

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132392.D
 Acq On : 10 Feb 2023 17:42
 Operator : CG\JU
 Sample : 01489-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BARN-EAST-END-DRAINMS

Quant Time: Feb 10 23:46:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/13/2023
 Supervised By : Jagrut Upadhyay 02/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.042	152	182502	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	686082	20.000	ng	# 0.00
39) Acenaphthene-d10	10.089	164	352230	20.000	ng	-0.01
64) Phenanthrene-d10	11.589	188	659402	20.000	ng	0.00
76) Chrysene-d12	14.248	240	392618	20.000	ng	0.00
86) Perylene-d12	15.812	264	258228	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1341564	118.159	ng	0.03
7) Phenol-d6	6.672	99	1560703	111.497	ng	0.00
23) Nitrobenzene-d5	7.607	82	1030674	83.597	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	621471	171.573	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1924800	84.387	ng	0.00
79) Terphenyl-d14	13.183	244	2296258	113.135	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.207	88	213526m	39.968	ng	
3) Pyridine	3.872	79	322964m	22.284	ng	
4) n-Nitrosodimethylamine	3.813	42	164305	35.429	ng	96
6) Aniline	6.748	93	51978m	2.736	ng	
8) 2-Chlorophenol	6.831	128	573179	48.743	ng	94
9) Benzaldehyde	6.595	77	247094	28.802	ng	97
10) Phenol	6.684	94	568161	39.215	ng	96
11) bis(2-Chloroethyl)ether	6.772	93	576602m	48.357	ng	
12) 1,3-Dichlorobenzene	6.984	146	577427	46.427	ng	98
13) 1,4-Dichlorobenzene	7.060	146	576816	46.462	ng	100
14) 1,2-Dichlorobenzene	7.213	146	566330	48.915	ng	97
15) Benzyl Alcohol	7.184	79	386198	37.812	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.313	45	452940	36.054	ng	93
17) 2-Methylphenol	7.289	107	440653	42.808	ng	99
18) Hexachloroethane	7.554	117	212776	45.686	ng	100
19) n-Nitroso-di-n-propyla...	7.454	70	307786	38.710	ng	97
20) 3+4-Methylphenols	7.442	107	529433	40.298	ng	# 84
22) Acetophenone	7.454	105	720133	44.633	ng	96
24) Nitrobenzene	7.631	77	515346	40.915	ng	89
25) Isophorone	7.860	82	965993	41.280	ng	97
26) 2-Nitrophenol	7.942	139	311026	50.695	ng	# 90
27) 2,4-Dimethylphenol	7.972	122	516505	48.097	ng	99
28) bis(2-Chloroethoxy)met...	8.066	93	610985	42.487	ng	99
29) 2,4-Dichlorophenol	8.184	162	463892	48.656	ng	99
30) 1,2,4-Trichlorobenzene	8.266	180	506400	49.600	ng	98
31) Naphthalene	8.354	128	1530585	45.322	ng	99
32) Benzoic acid	8.101	122	383909	48.297	ng	93
33) 4-Chloroaniline	8.448	127	29208m	1.950	ng	
34) Hexachlorobutadiene	8.460	225	291619	50.808	ng	99
35) Caprolactam	8.778	113	143591m	44.177	ng	
36) 4-Chloro-3-methylphenol	8.878	107	489733	47.679	ng	95
37) 2-Methylnaphthalene	9.042	142	1036149	45.296	ng	99
38) 1-Methylnaphthalene	9.142	142	978563	46.032	ng	100
40) 1,2,4,5-Tetrachloroben...	9.207	216	491087	49.544	ng	99
41) Hexachlorocyclopentadiene	9.195	237	665923	115.151	ng	100
43) 2,4,6-Trichlorophenol	9.319	196	352080	49.690	ng	99

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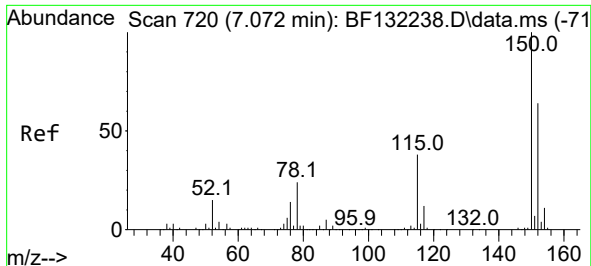
Manual Integrations
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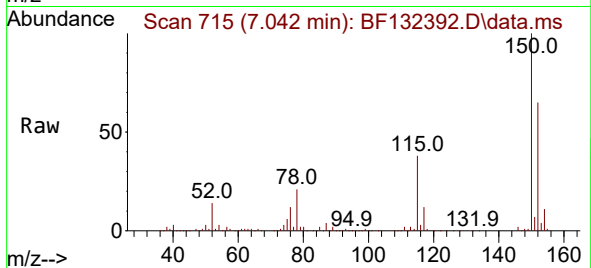
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	373202	45.762	ng	99
46) 1,1'-Biphenyl	9.507	154	1252101	46.109	ng	97
47) 2-Chloronaphthalene	9.536	162	989488	47.842	ng	99
48) 2-Nitroaniline	9.630	65	236115	38.386	ng	# 82
49) Acenaphthylene	9.954	152	1534658	45.464	ng	99
50) Dimethylphthalate	9.807	163	1257909	51.054	ng	98
51) 2,6-Dinitrotoluene	9.872	165	276469	50.242	ng	88
52) Acenaphthene	10.130	154	1123860	53.181	ng	100
53) 3-Nitroaniline	10.042	138	49642	7.439	ng	90
54) 2,4-Dinitrophenol	10.148	184	345858	106.890	ng	97
55) Dibenzofuran	10.301	168	1371871	46.203	ng	100
56) 4-Nitrophenol	10.201	139	413381	82.320	ng	94
57) 2,4-Dinitrotoluene	10.278	165	370569	51.842	ng	92
58) Fluorene	10.648	166	1060364	46.403	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.413	232	303054	50.973	ng	97
60) Diethylphthalate	10.513	149	1164015	47.490	ng	98
61) 4-Chlorophenyl-phenyle...	10.630	204	518167	47.780	ng	95
62) 4-Nitroaniline	10.660	138	179117	27.990	ng	95
63) Azobenzene	10.795	77	925397	38.760	ng	92
65) 4,6-Dinitro-2-methylph...	10.689	198	206535	55.187	ng	88
66) n-Nitrosodiphenylamine	10.754	169	679590	32.913	ng	99
67) 4-Bromophenyl-phenylether	11.125	248	340460	50.422	ng	96
68) Hexachlorobenzene	11.195	284	403928	55.969	ng	93
69) Atrazine	11.272	200	117621	19.804	ng	98
70) Pentachlorophenol	11.389	266	442917	89.320	ng	100
71) Phenanthrene	11.619	178	1583817	45.964	ng	100
72) Anthracene	11.666	178	1607459	45.840	ng	99
73) Carbazole	11.819	167	946248	30.094	ng	100
74) Di-n-butylphthalate	12.142	149	1793521	48.248	ng	99
75) Fluoranthene	12.813	202	1607075	45.704	ng	98
77) Benzidine	12.971	184	2868m	0.209	ng	
78) Pyrene	13.048	202	1628500	51.570	ng	99
80) Butylbenzylphthalate	13.654	149	721720	51.729	ng	92
81) Benzo(a)anthracene	14.236	228	1321191	48.113	ng	99
82) 3,3'-Dichlorobenzidine	14.195	252	9187	1.050	ng	# 96
83) Chrysene	14.277	228	1223286	47.574	ng	99
84) Bis(2-ethylhexyl)phtha...	14.207	149	989028	52.445	ng	# 99
85) Di-n-octyl phthalate	14.836	149	1461180	47.504	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.442	276	1157172	67.441	ng	96
88) Benzo(b)fluoranthene	15.348	252	1124731m	68.522	ng	
89) Benzo(k)fluoranthene	15.377	252	1050856	67.071	ng	99
90) Benzo(a)pyrene	15.748	252	900770	58.933	ng	98
91) Dibenzo(a,h)anthracene	17.459	278	969090	70.249	ng	98
92) Benzo(g,h,i)perylene	17.936	276	932585	65.437	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.042 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

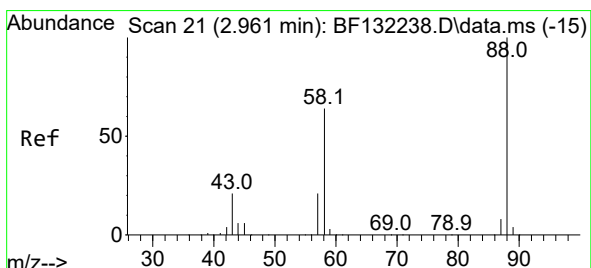
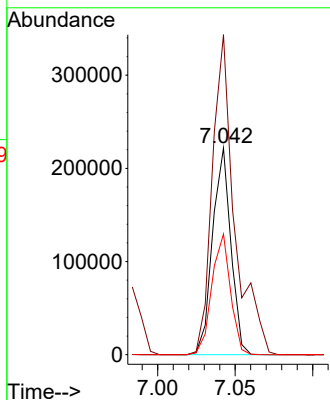
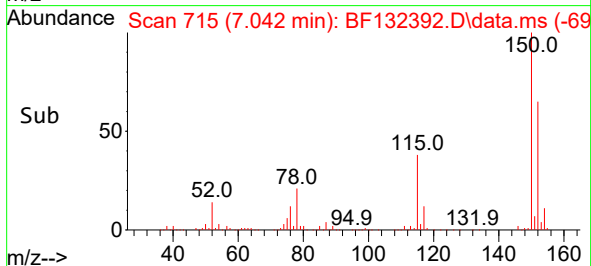
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:152 Resp: 18250
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 58.4 47.3 70.9

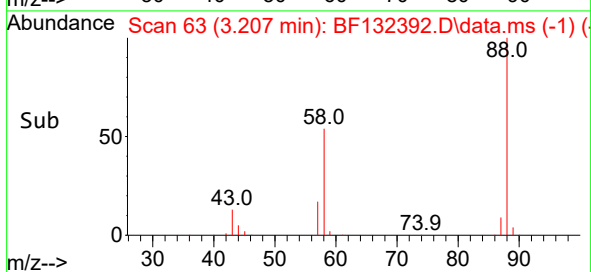
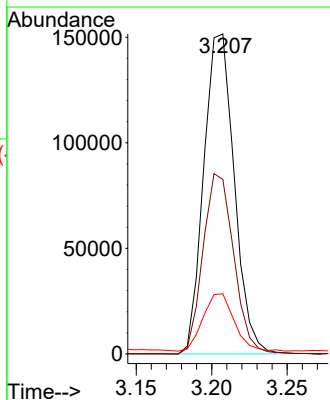
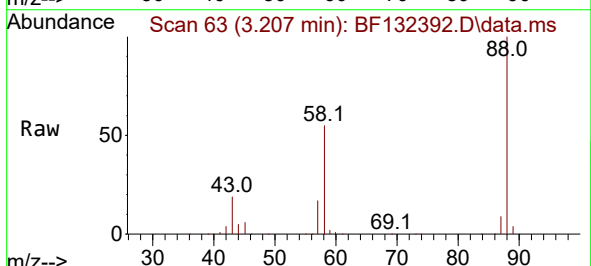
Manual Integrations
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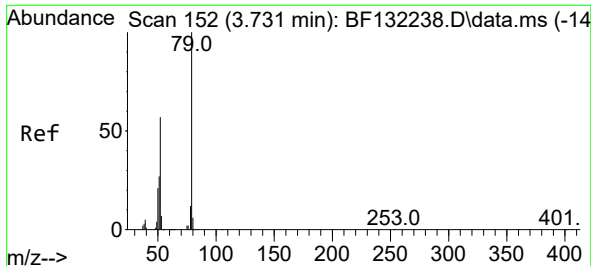
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#2
1,4-Dioxane
Concen: 39.968 ng m
RT: 3.207 min Scan# 63
Delta R.T. 0.276 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

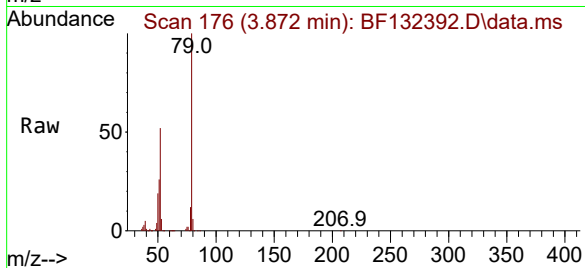
Tgt Ion: 88 Resp: 213526
Ion Ratio Lower Upper
88 100
58 0.0 50.2 75.2#
43 0.0 16.9 25.3#





#3
Pyridine
Concen: 22.284 ng m
RT: 3.872 min Scan# 11
Delta R.T. 0.171 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

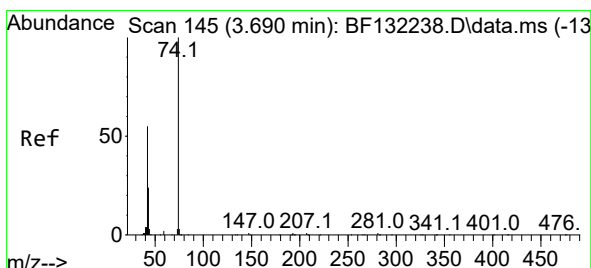
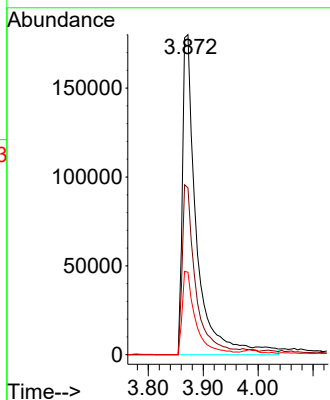
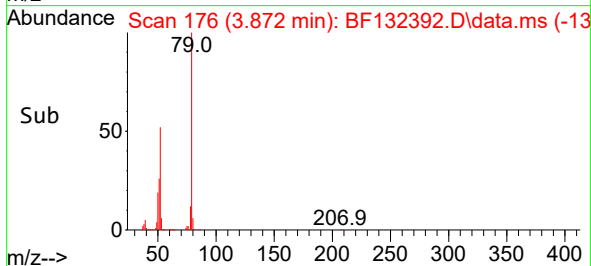
Instrument :
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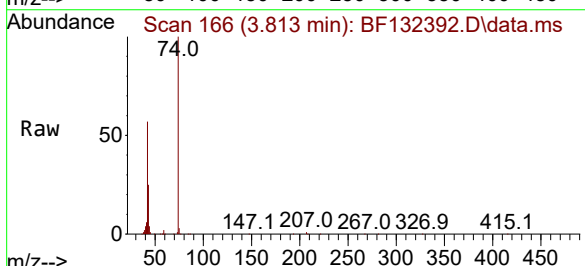
Tgt Ion: 79 Resp: 322964
Ion Ratio Lower Upper
79 100
52 52.1 45.6 68.4
51 25.8 21.5 32.3

Manual Integrations
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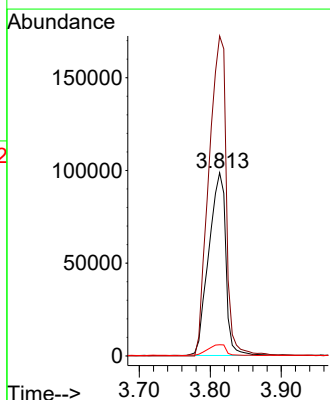
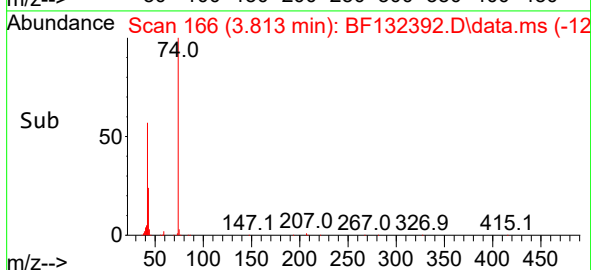
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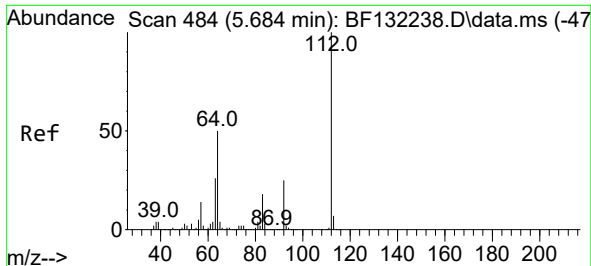


#4
n-Nitrosodimethylamine
Concen: 35.429 ng
RT: 3.813 min Scan# 166
Delta R.T. 0.147 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



Tgt Ion: 42 Resp: 164305
Ion Ratio Lower Upper
42 100
74 174.6 144.6 217.0
44 6.1 5.1 7.7





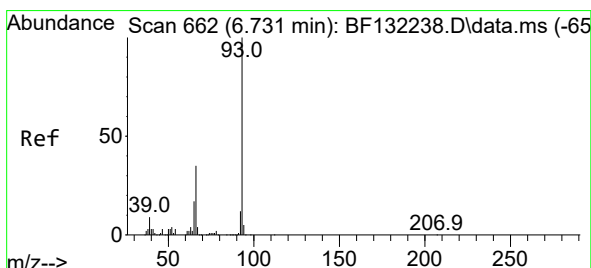
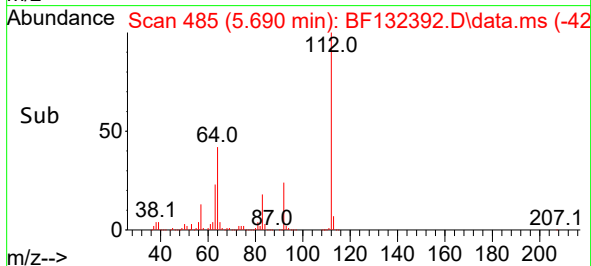
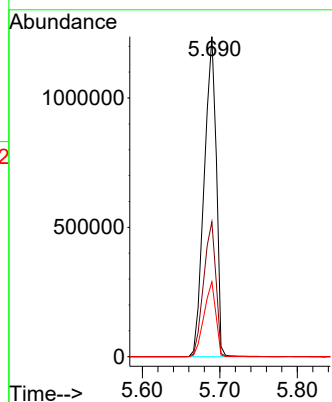
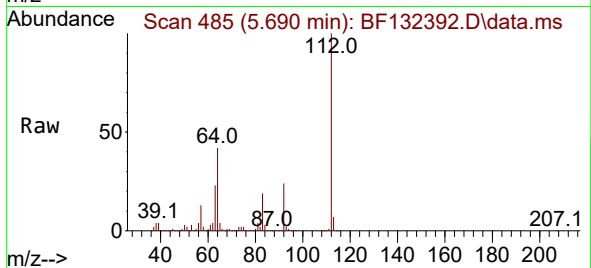
#5
2-Fluorophenol
Concen: 118.159 ng
RT: 5.690 min Scan# 484
Delta R.T. 0.029 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Instrument :
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ClientSampleId :
BARN-EAST-END-DRAINMS

Tgt Ion:112 Resp: 1341564
Ion Ratio Lower Upper
112 100
64 42.1 40.0 60.0
63 23.4 20.5 30.7

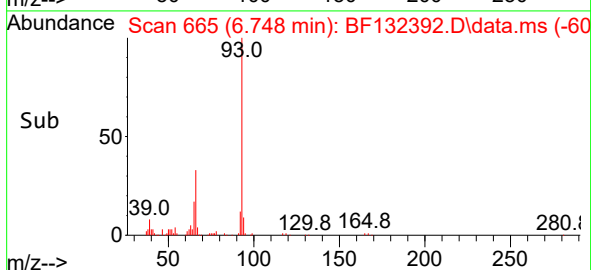
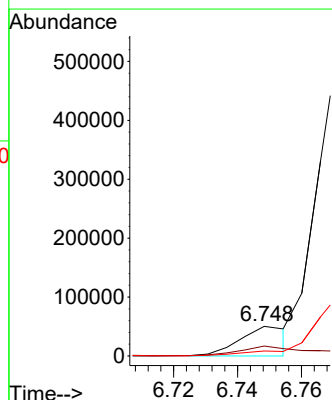
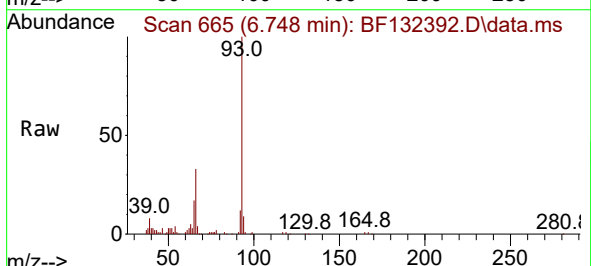
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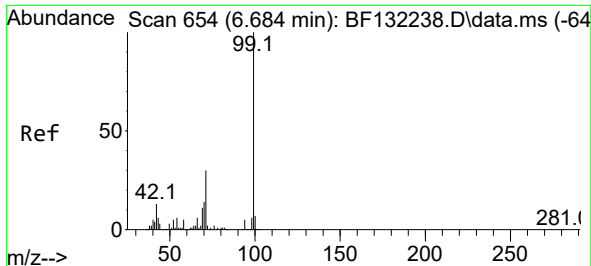
Reviewed By :Christian Giraldo 02/13/2023
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#6
Aniline
Concen: 2.736 ng m
RT: 6.748 min Scan# 665
Delta R.T. 0.035 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

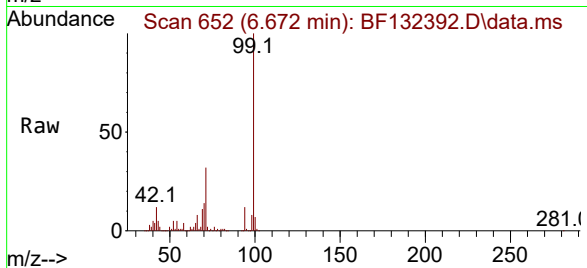
Tgt Ion: 93 Resp: 51978
Ion Ratio Lower Upper
93 100
66 33.2 28.8 43.2
65 16.9 14.2 21.4





#7
Phenol-d6
Concen: 111.497 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

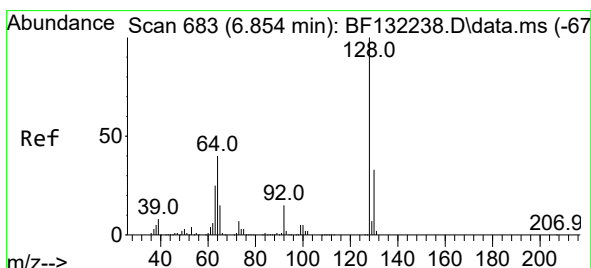
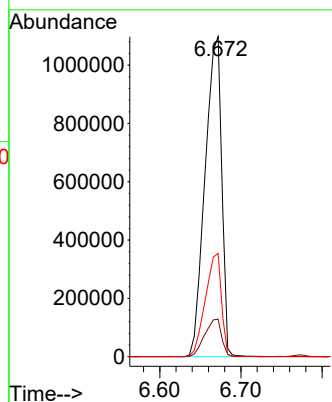
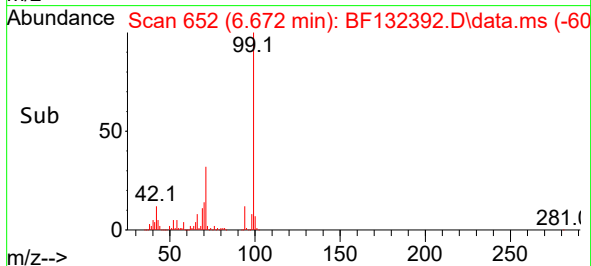
Instrument :
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Tgt Ion: 99 Resp: 156070
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 32.3 24.2 36.4

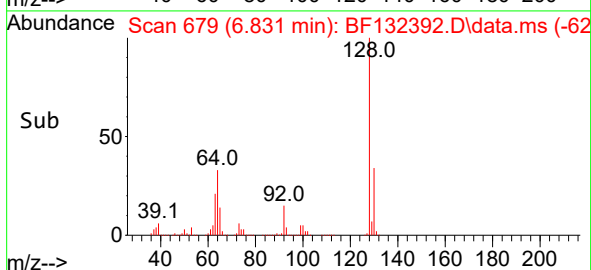
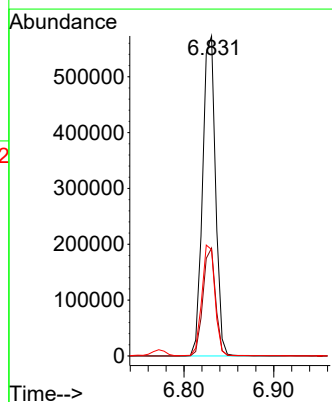
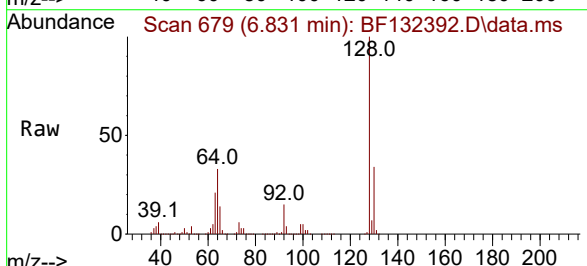
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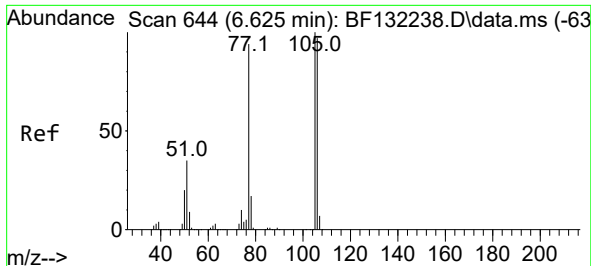
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#8
2-Chlorophenol
Concen: 48.743 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

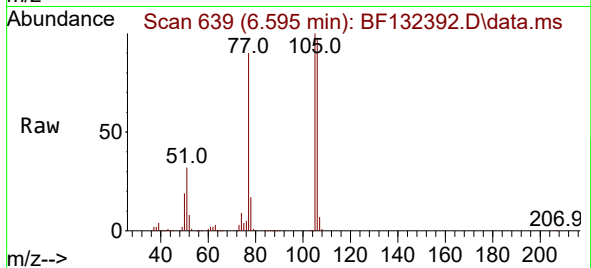
Tgt Ion:128 Resp: 573179
Ion Ratio Lower Upper
128 100
130 33.7 13.3 53.3
64 33.3 20.1 60.1





#9
Benzaldehyde
Concen: 28.802 ng
RT: 6.595 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

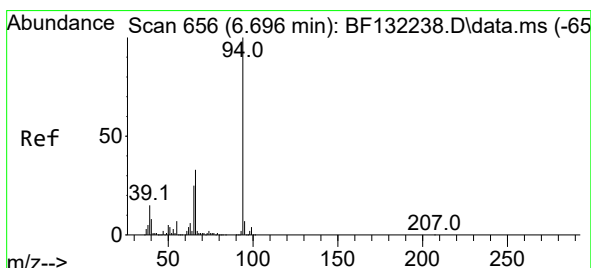
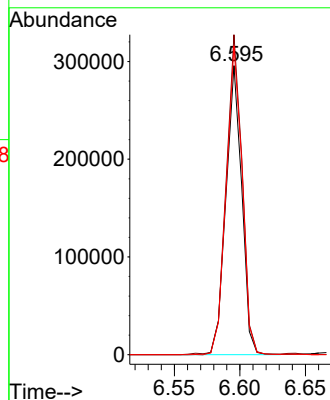
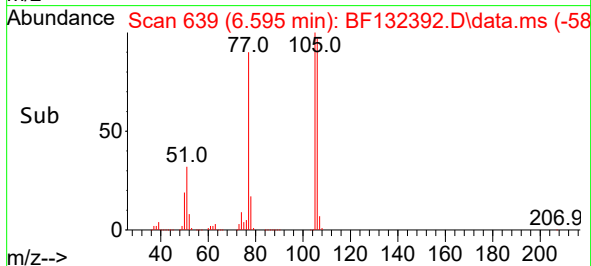
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion: 77 Resp: 247094
Ion Ratio Lower Upper
77 100
105 110.7 86.8 126.8
106 106.9 83.8 123.8

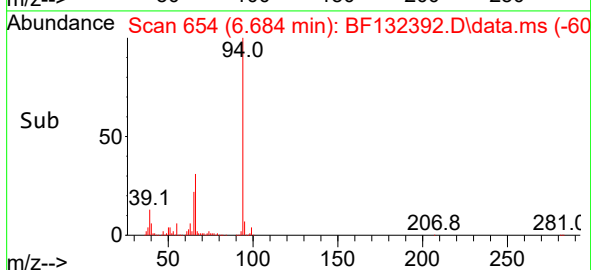
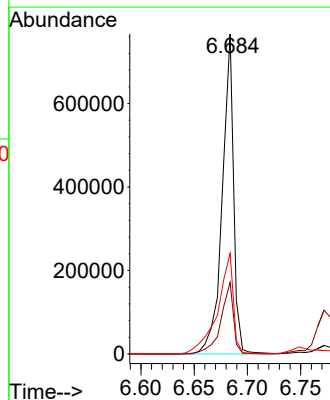
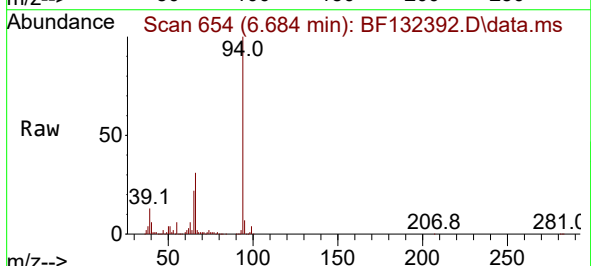
Manual Integrations
APPROVED

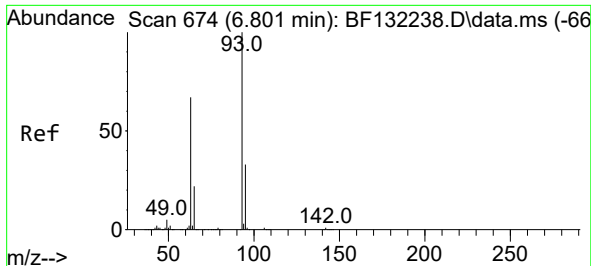
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#10
Phenol
Concen: 39.215 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

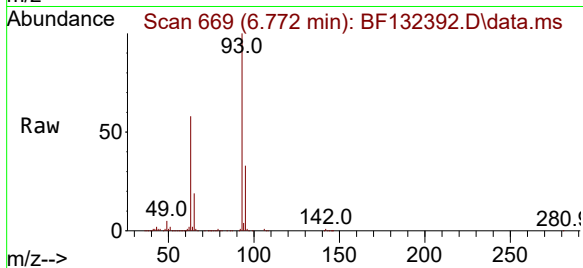
Tgt Ion: 94 Resp: 568161
Ion Ratio Lower Upper
94 100
65 22.4 5.1 45.1
66 31.4 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 48.357 ng m
RT: 6.772 min Scan# 6
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

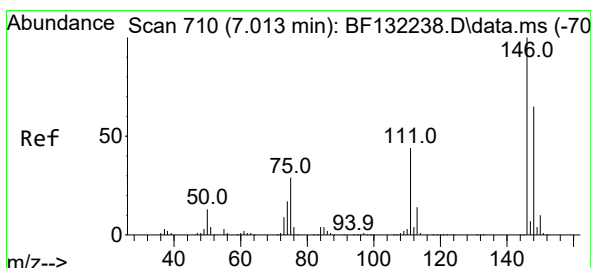
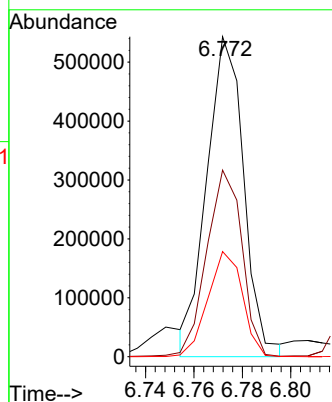
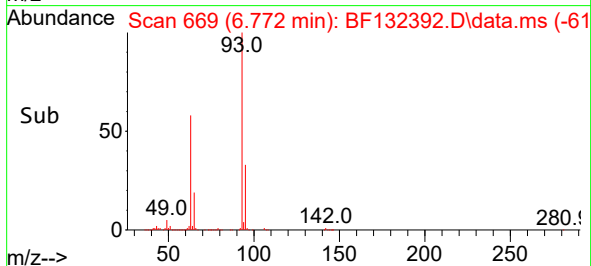
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



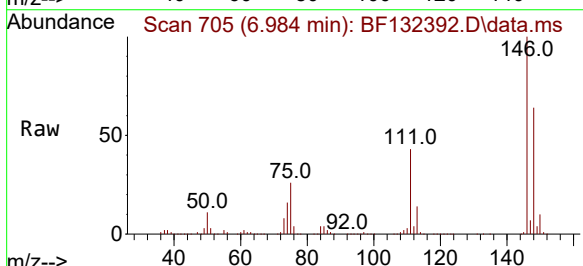
Tgt Ion: 93 Resp: 57660
Ion Ratio Lower Upper
93 100
63 58.3 46.7 86.7
95 32.8 13.4 53.4

Manual Integrations
APPROVED

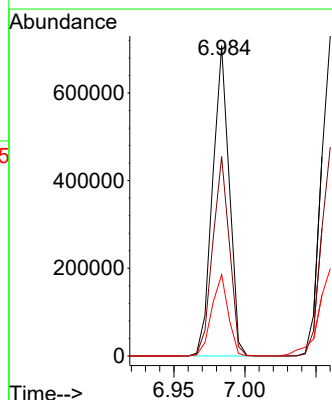
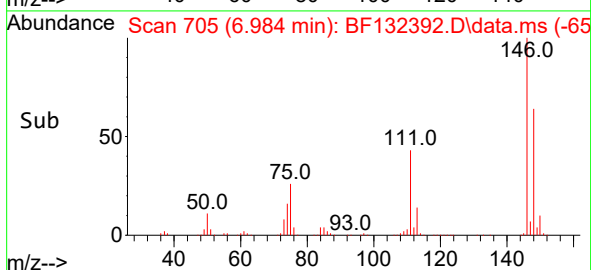
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

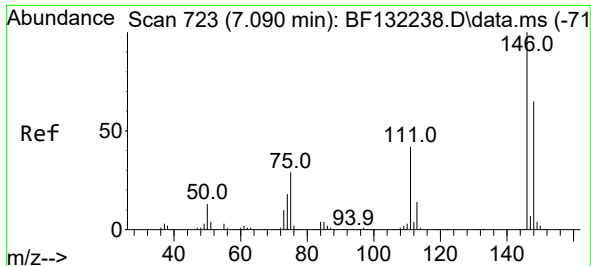


#12
1,3-Dichlorobenzene
Concen: 46.427 ng
RT: 6.984 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



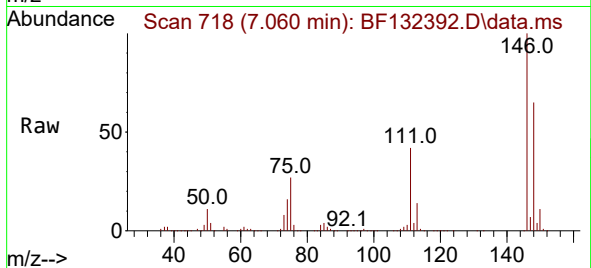
Tgt Ion:146 Resp: 577427
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 26.2 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 46.462 ng
RT: 7.060 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

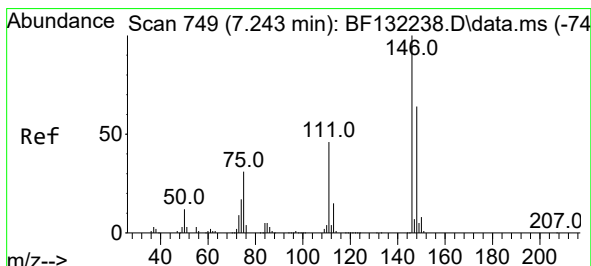
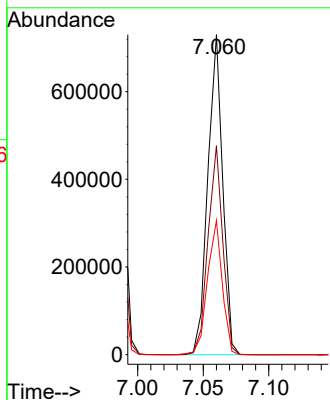
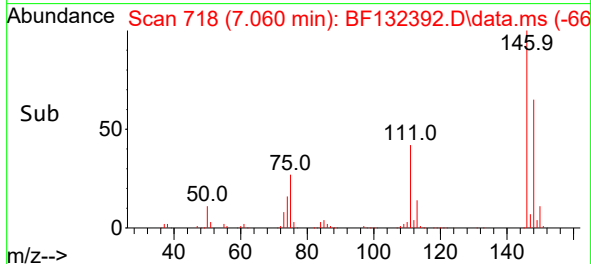
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



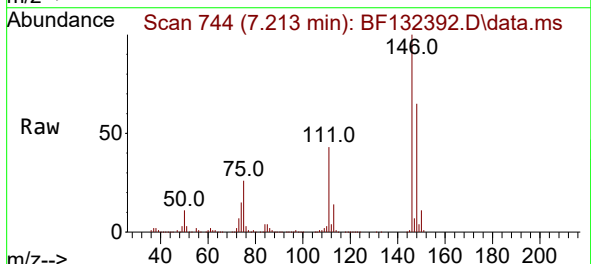
Tgt Ion:146 Resp: 576810
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
111 41.9 34.0 51.0

Manual Integrations
APPROVED

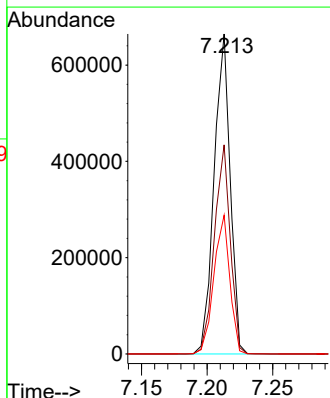
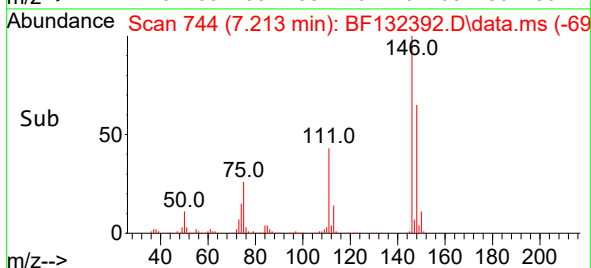
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

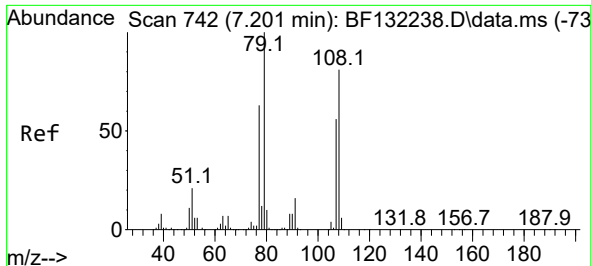


#14
1,2-Dichlorobenzene
Concen: 48.915 ng
RT: 7.213 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



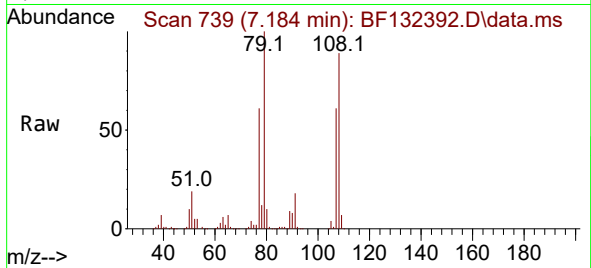
Tgt Ion:146 Resp: 566330
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 43.4 37.1 55.7





#15
Benzyl Alcohol
Concen: 37.812 ng
RT: 7.184 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

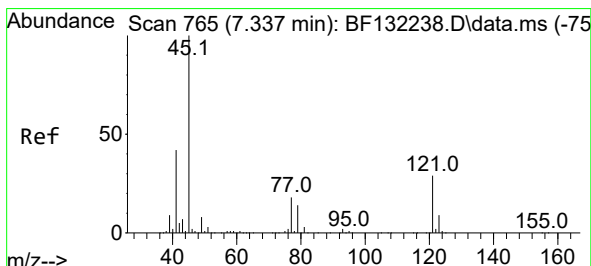
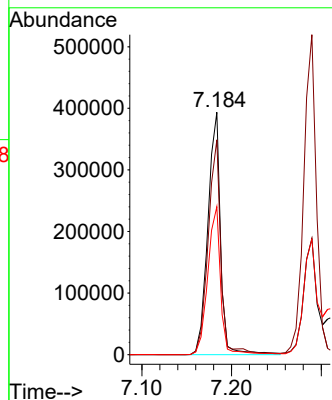
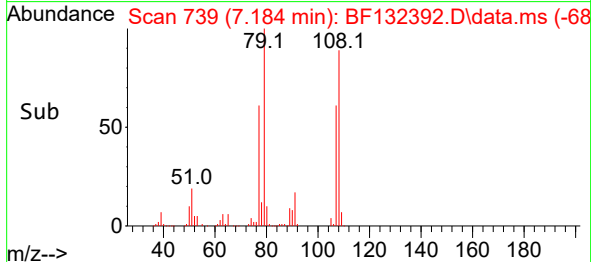
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion: 79 Resp: 386198
Ion Ratio Lower Upper
79 100
108 88.6 64.6 97.0
77 61.1 50.1 75.1

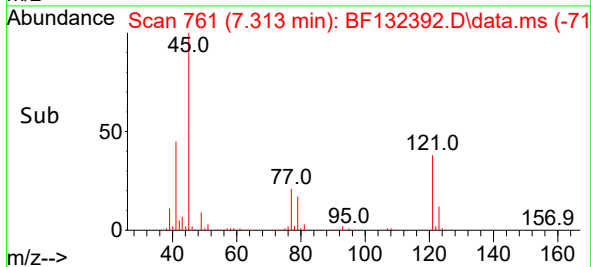
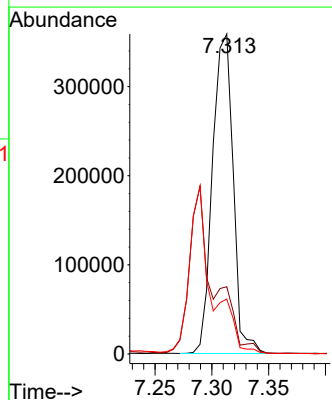
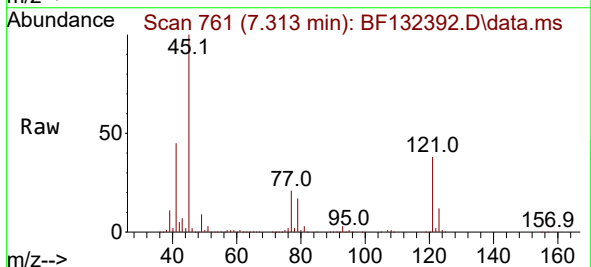
Manual Integrations
APPROVED

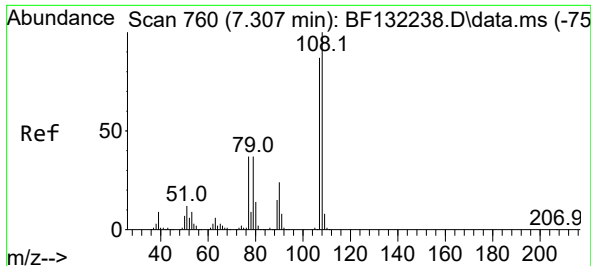
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.054 ng
RT: 7.313 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

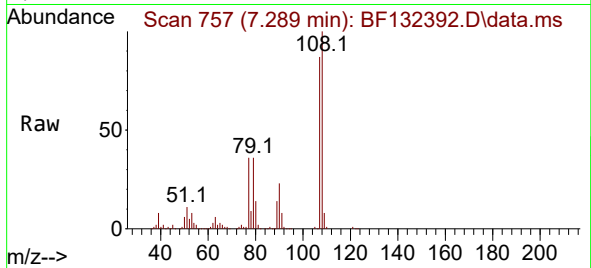
Tgt Ion: 45 Resp: 452940
Ion Ratio Lower Upper
45 100
77 21.0 0.0 38.0
79 17.2 0.0 33.8





#17
2-Methylphenol
Concen: 42.808 ng
RT: 7.289 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

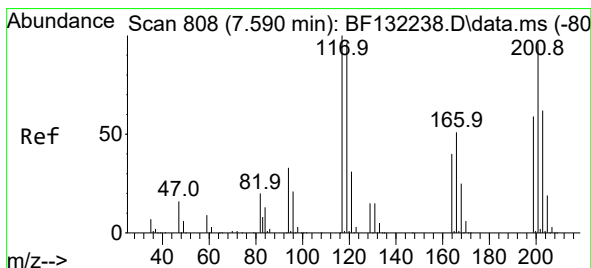
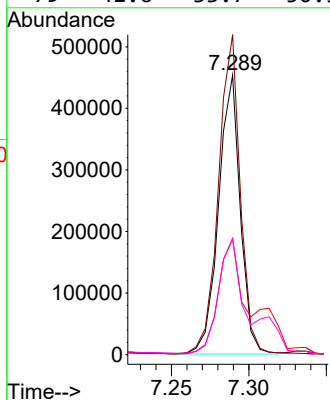
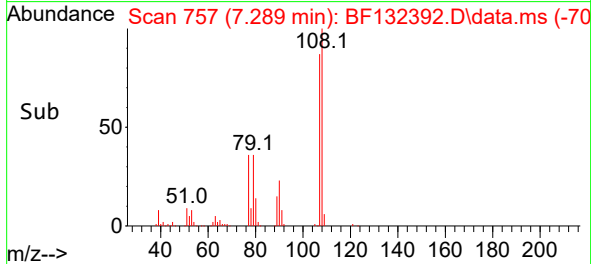
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:107 Resp: 44065
Ion Ratio Lower Upper
107 100
108 114.5 91.8 137.6
77 41.4 34.2 51.2
79 41.6 33.7 50.5

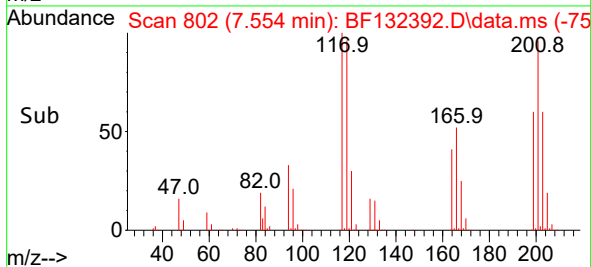
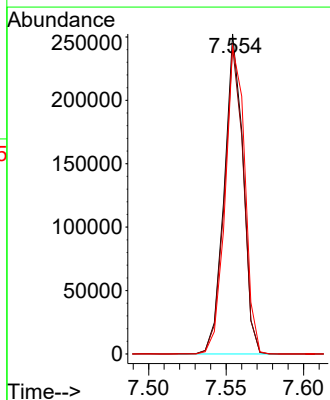
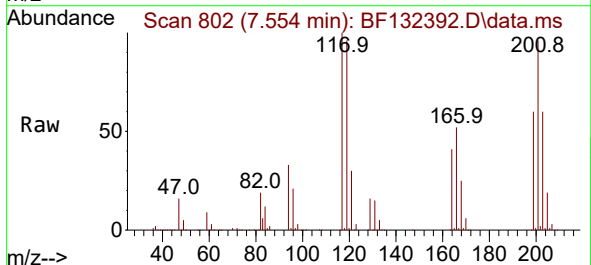
Manual Integrations
APPROVED

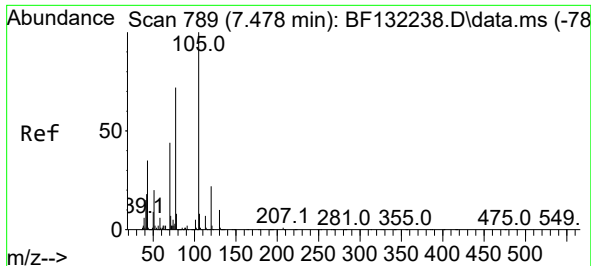
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#18
Hexachloroethane
Concen: 45.686 ng
RT: 7.554 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

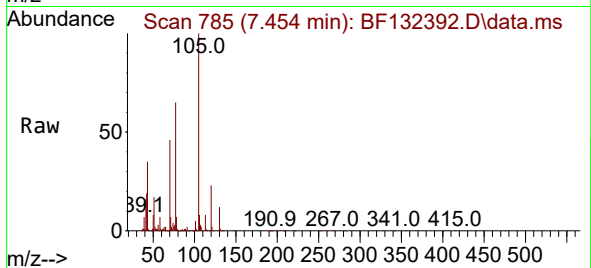
Tgt Ion:117 Resp: 212776
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1
201 96.0 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.710 ng
RT: 7.454 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

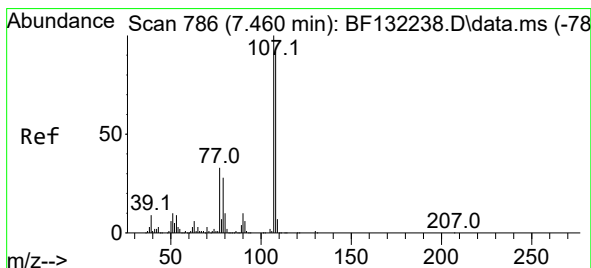
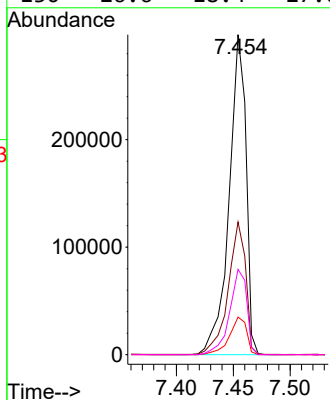
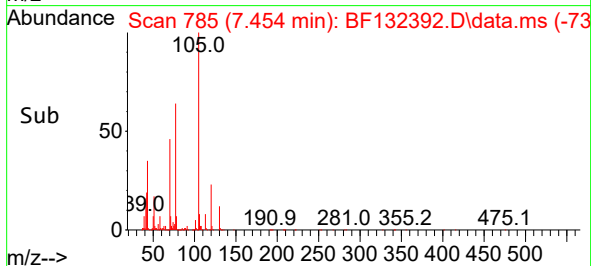
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



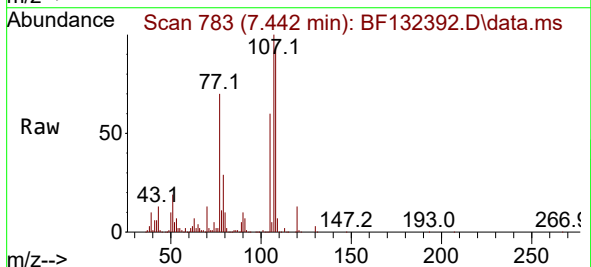
Tgt Ion: 70 Resp: 307780
Ion Ratio Lower Upper
70 100
42 41.4 33.4 50.0
101 11.8 8.2 12.4
130 26.6 18.4 27.6

Manual Integrations
APPROVED

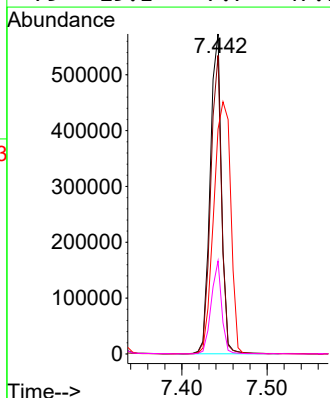
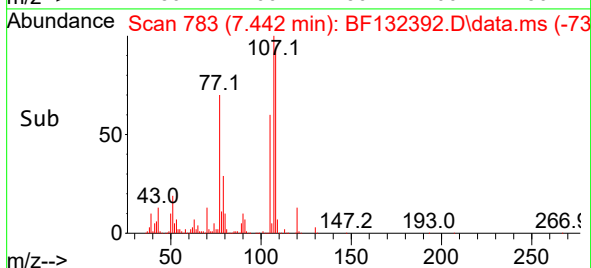
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

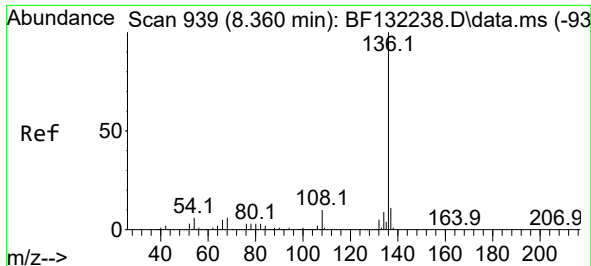


#20
3+4-Methylphenols
Concen: 40.298 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



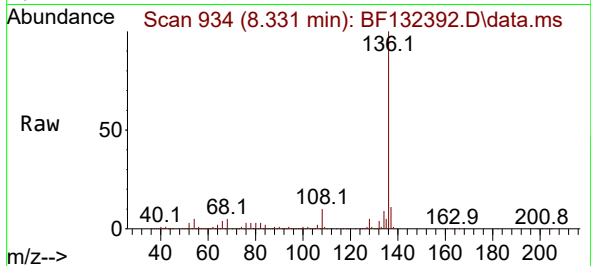
Tgt Ion:107 Resp: 529433
Ion Ratio Lower Upper
107 100
108 93.3 71.6 111.6
77 70.2 13.4 53.4#
79 29.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

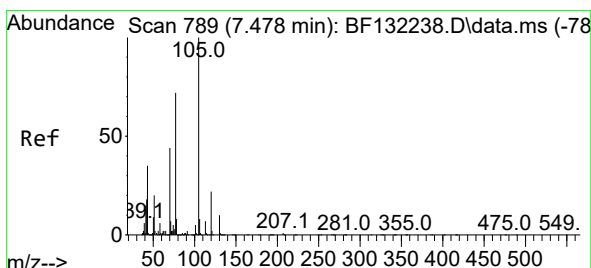
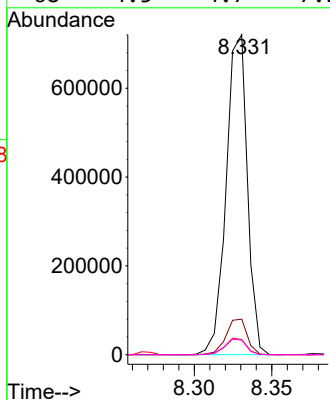
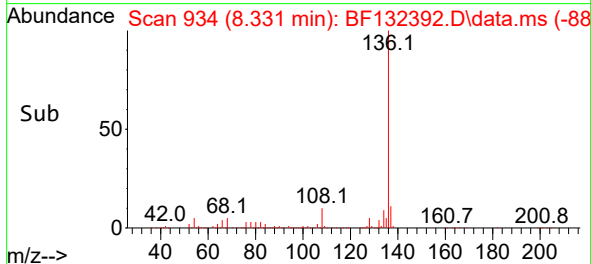
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:136 Resp: 686082
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.8 4.9 7.3
68 4.5 4.7 7.1#

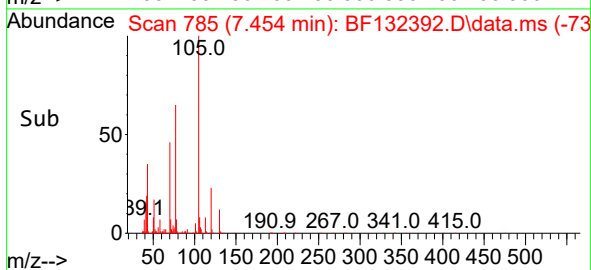
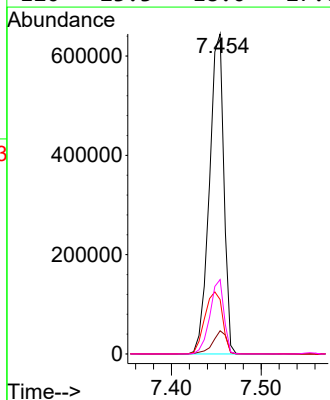
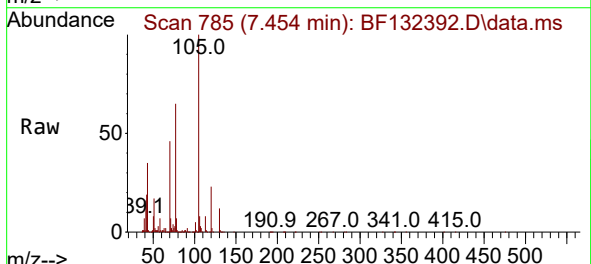
Manual Integrations
APPROVED

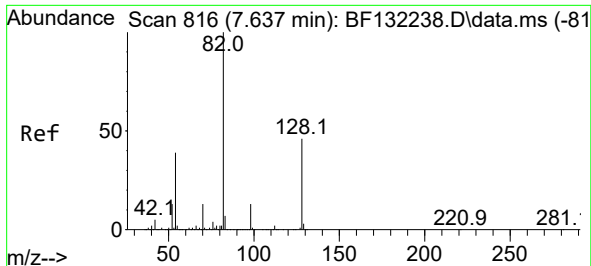
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#22
Acetophenone
Concen: 44.633 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Tgt Ion:105 Resp: 720133
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.6
51 17.0 16.2 24.2
120 23.3 18.0 27.0





#23

Nitrobenzene-d5

Concen: 83.597 ng

RT: 7.607 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132392.D

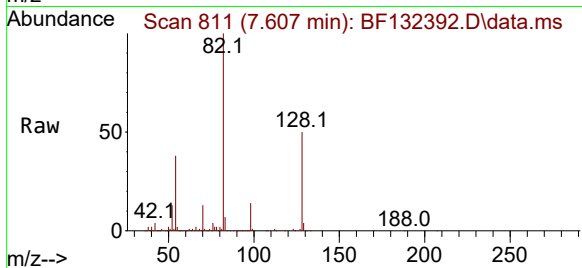
Acq: 10 Feb 2023 17:42

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMS



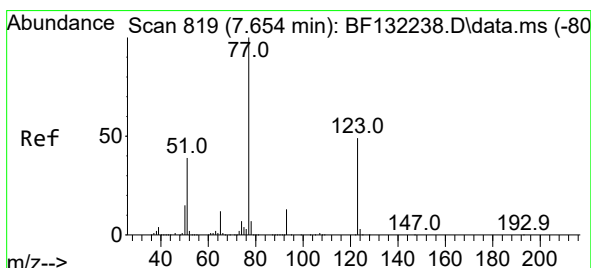
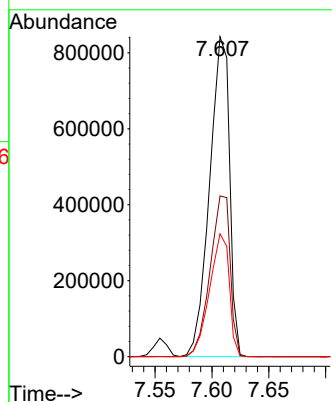
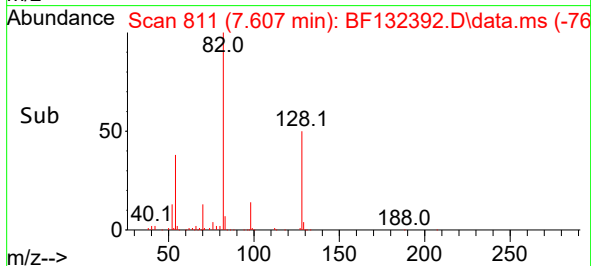
Tgt Ion: 82 Resp: 1030674

Ion	Ratio	Lower	Upper
82	100		
128	50.2	37.0	55.4
54	38.4	31.5	47.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#24

Nitrobenzene

Concen: 40.915 ng

RT: 7.631 min Scan# 815

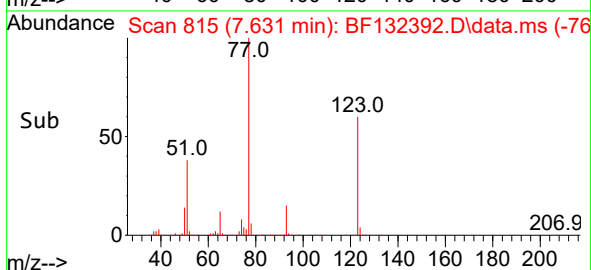
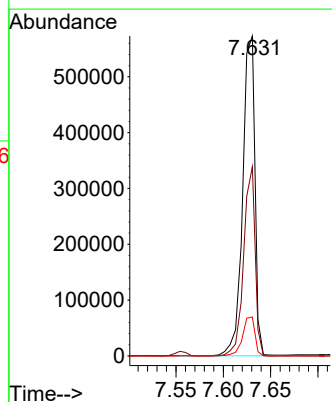
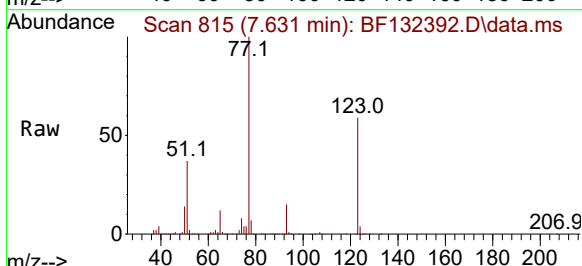
Delta R.T. -0.000 min

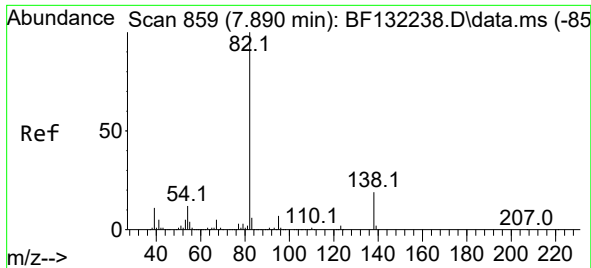
Lab File: BF132392.D

Acq: 10 Feb 2023 17:42

Tgt Ion: 77 Resp: 515346

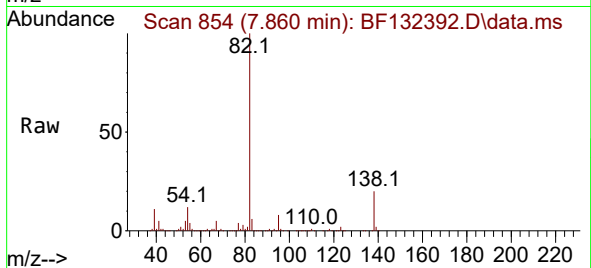
Ion	Ratio	Lower	Upper
77	100		
123	59.1	39.5	59.3
65	12.2	9.8	14.8





#25
Isophorone
Concen: 41.280 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

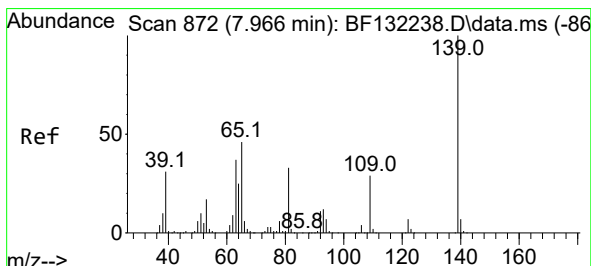
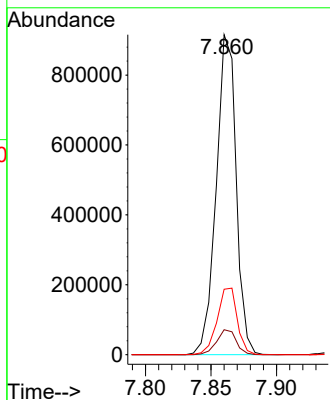
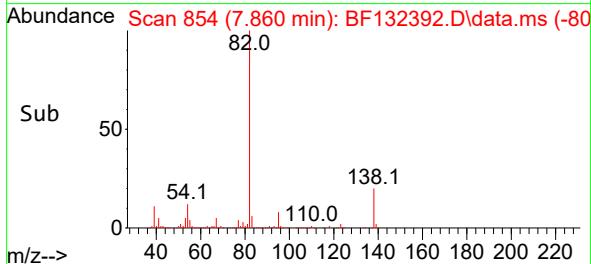
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



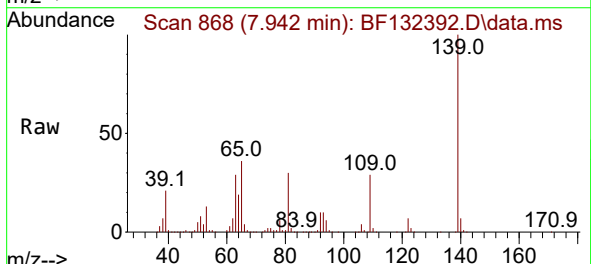
Tgt Ion: 82 Resp: 96599
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 20.5 15.0 22.6

Manual Integrations
APPROVED

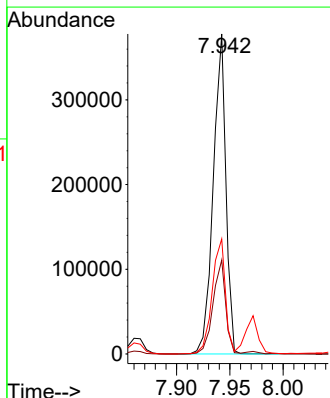
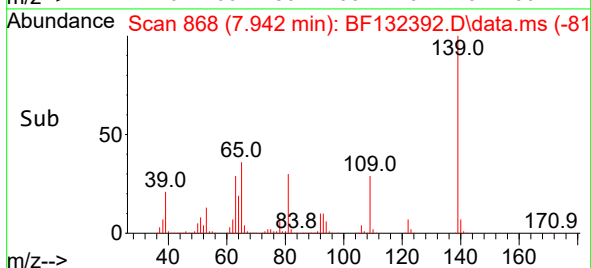
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

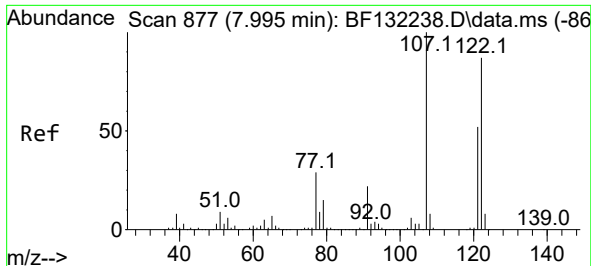


#26
2-Nitrophenol
Concen: 50.695 ng
RT: 7.942 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



Tgt Ion:139 Resp: 311026
Ion Ratio Lower Upper
139 100
109 29.4 23.0 34.6
65 36.0 36.6 55.0#





#27

2,4-Dimethylphenol

Concen: 48.097 ng

RT: 7.972 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132392.D

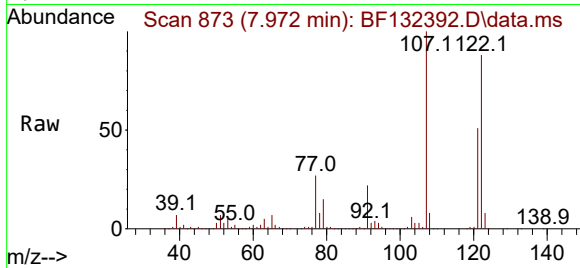
Acq: 10 Feb 2023 17:42

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMS



Tgt Ion:122 Resp: 51650

Ion Ratio Lower Upper

122 100

107 113.9 91.9 137.9

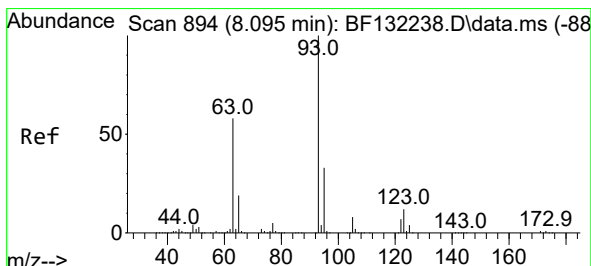
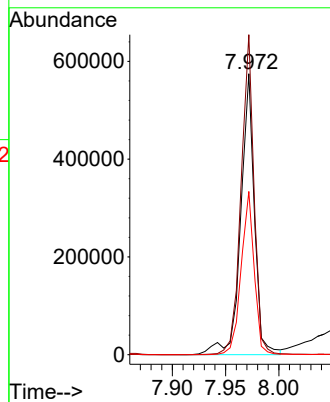
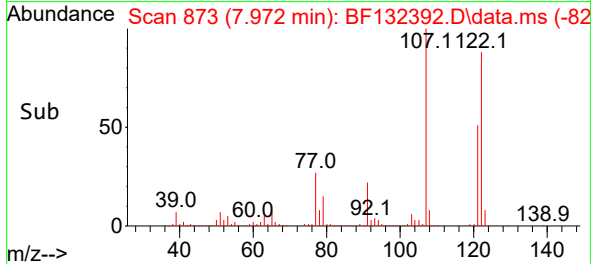
121 58.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.487 ng

RT: 8.066 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF132392.D

Acq: 10 Feb 2023 17:42

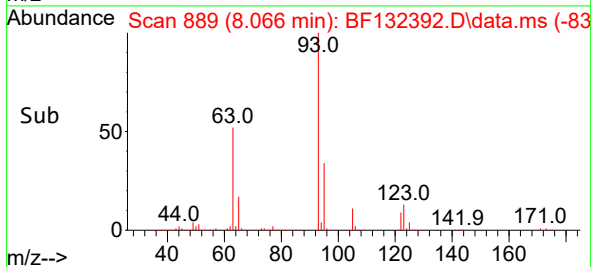
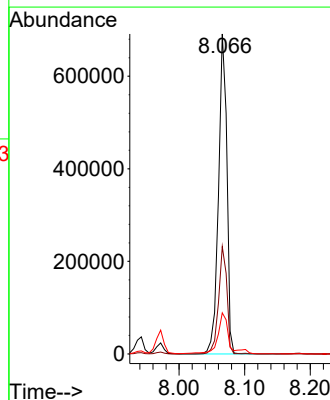
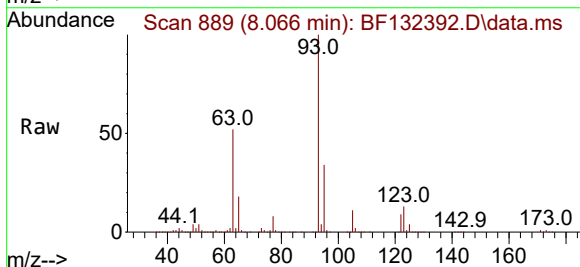
Tgt Ion: 93 Resp: 610985

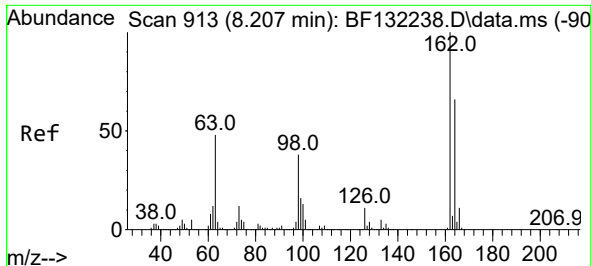
Ion Ratio Lower Upper

93 100

95 33.6 26.6 40.0

123 12.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 48.656 ng

RT: 8.184 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF132392.D

Acq: 10 Feb 2023 17:42

Instrument :

BNA_F

ClientSampleId :

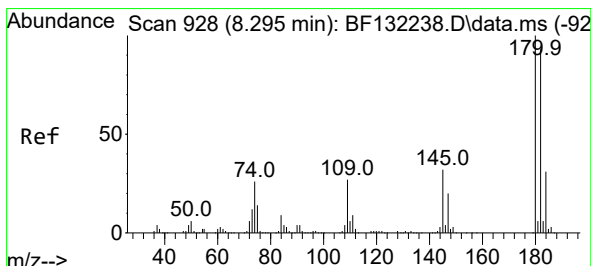
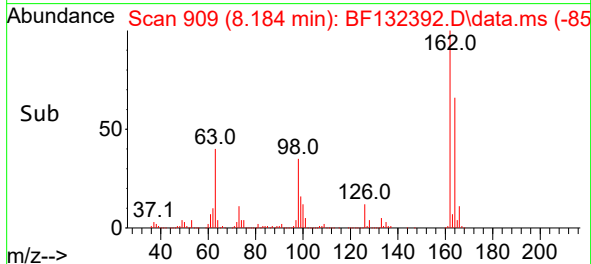
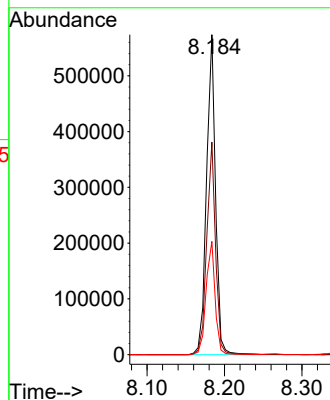
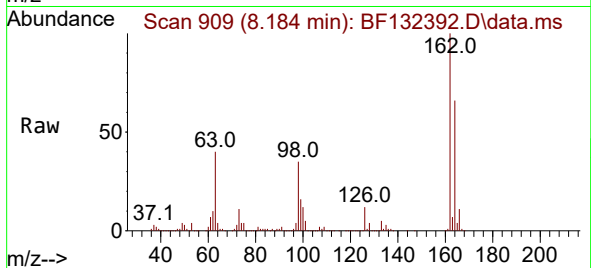
BARN-EAST-END-DRAINMS

Tgt Ion:162 Resp: 463892
 Ion Ratio Lower Upper
 162 100
 164 66.4 46.4 86.4
 98 35.4 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.600 ng

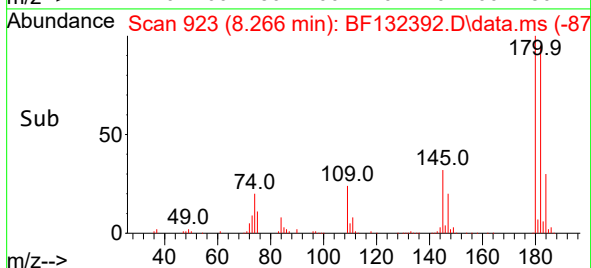
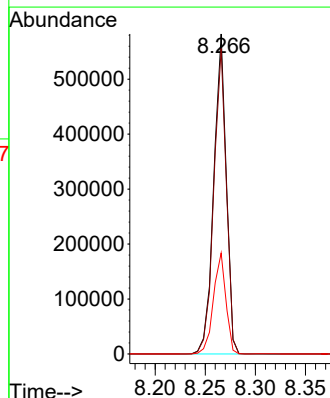
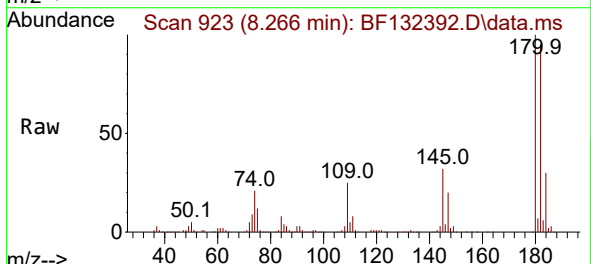
RT: 8.266 min Scan# 923

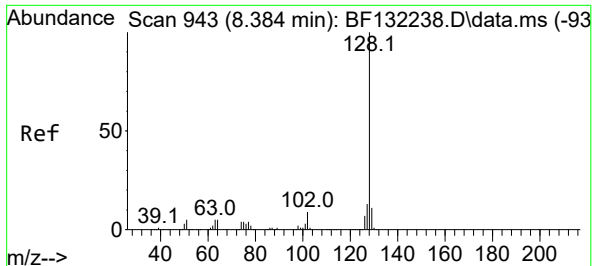
Delta R.T. -0.006 min

Lab File: BF132392.D

Acq: 10 Feb 2023 17:42

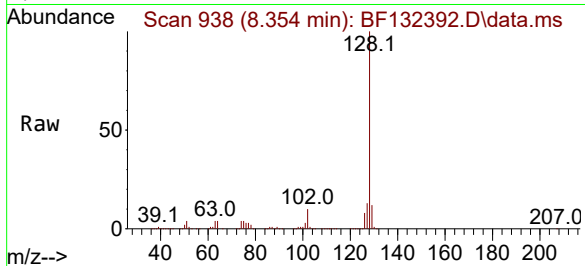
Tgt Ion:180 Resp: 506400
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.6 112.0
 145 31.6 25.3 37.9





#31
Naphthalene
Concen: 45.322 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

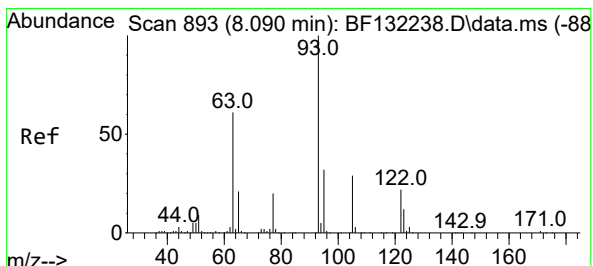
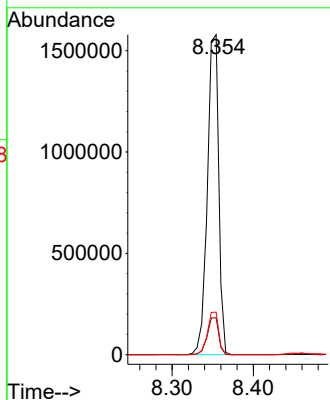
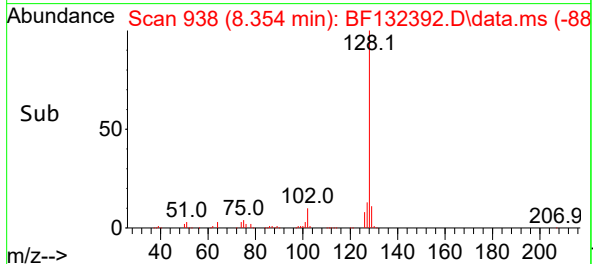
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:128 Resp: 153058
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.5 15.7

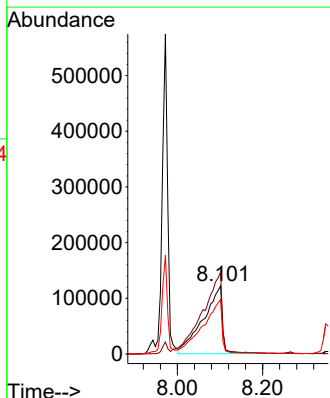
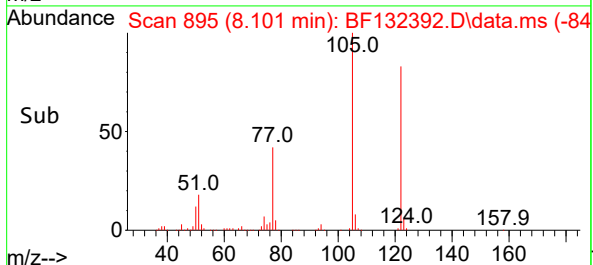
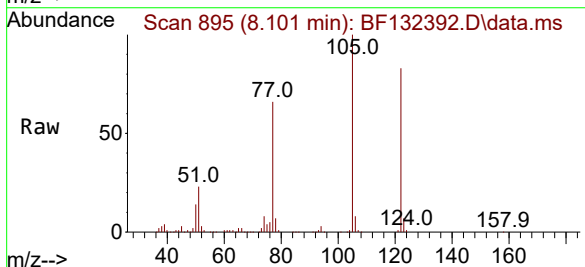
Manual Integrations
APPROVED

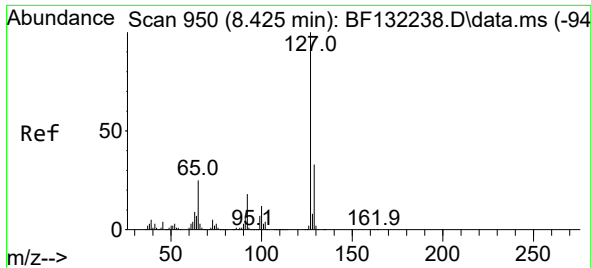
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#32
Benzoic acid
Concen: 48.297 ng
RT: 8.101 min Scan# 895
Delta R.T. 0.018 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Tgt Ion:122 Resp: 383909
Ion Ratio Lower Upper
122 100
105 120.7 106.3 146.3
77 80.2 70.6 110.6





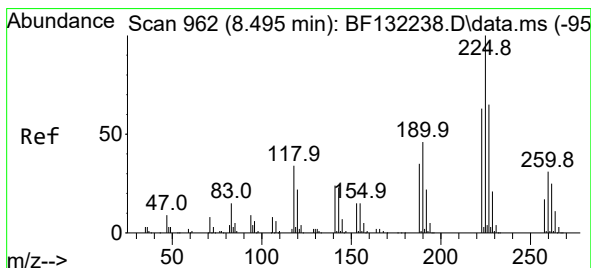
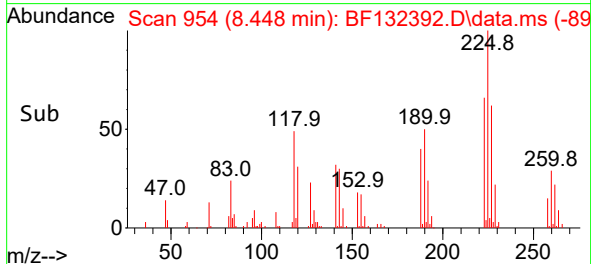
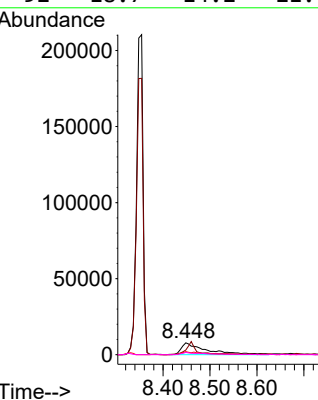
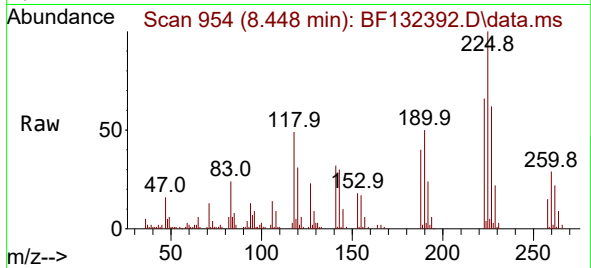
#33
4-Chloroaniline
Concen: 1.950 ng m
RT: 8.448 min Scan# 91
Delta R.T. 0.047 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS

Tgt Ion:127 Resp: 29208
Ion Ratio Lower Upper
127 100
129 38.6 26.6 39.8
65 25.5 20.2 30.2
92 18.7 14.2 21.4

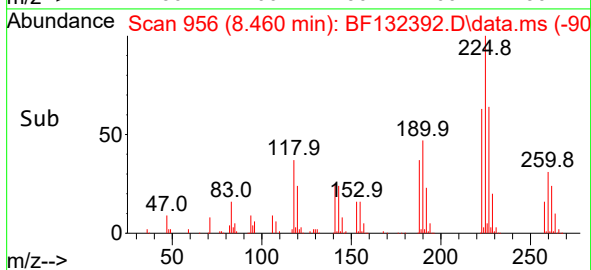
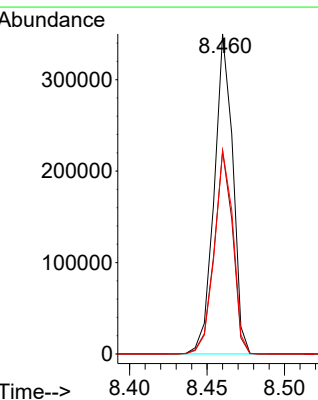
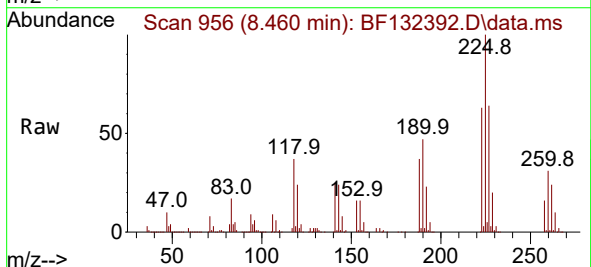
Manual Integrations
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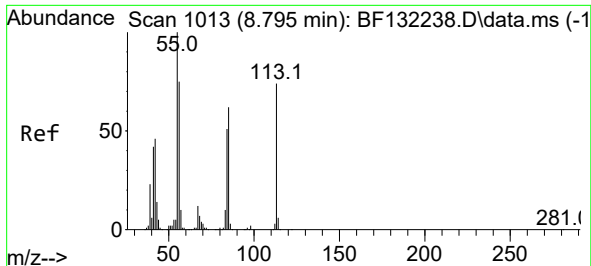
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#34
Hexachlorobutadiene
Concen: 50.808 ng
RT: 8.460 min Scan# 956
Delta R.T. -0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

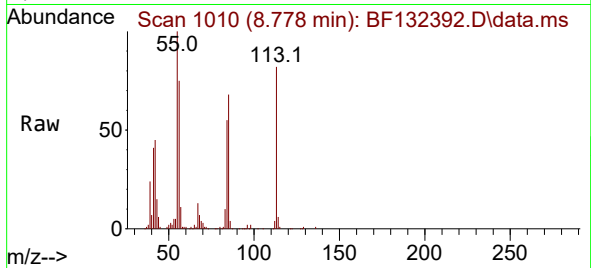
Tgt Ion:225 Resp: 291619
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 63.6 51.7 77.5





#35
Caprolactam
Concen: 44.177 ng m
RT: 8.778 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

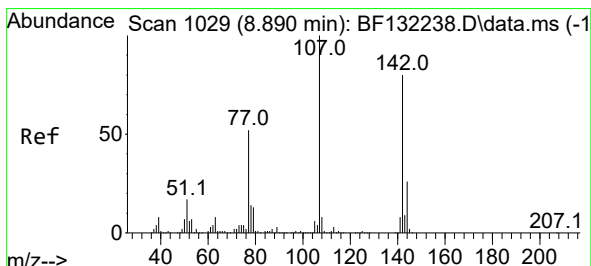
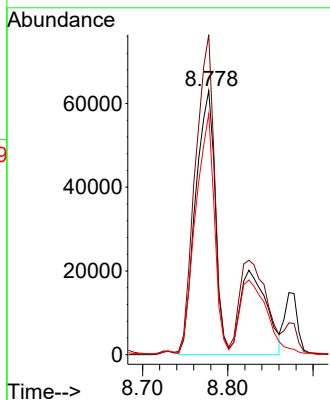
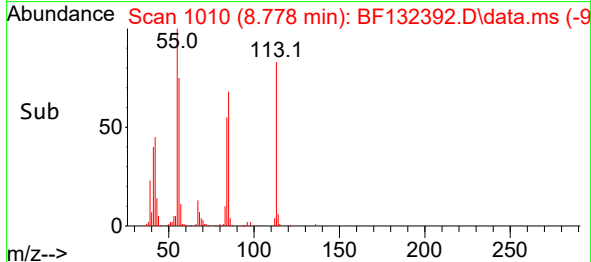
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:113 Resp: 14359
Ion Ratio Lower Upper
113 100
55 121.2 114.7 154.7
56 91.3 81.1 121.1

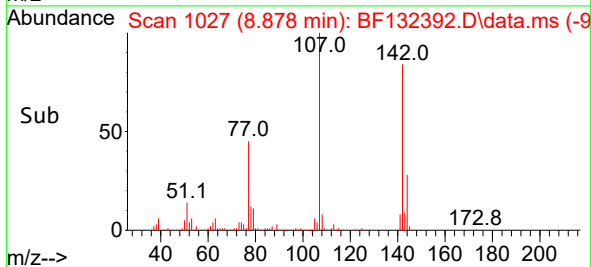
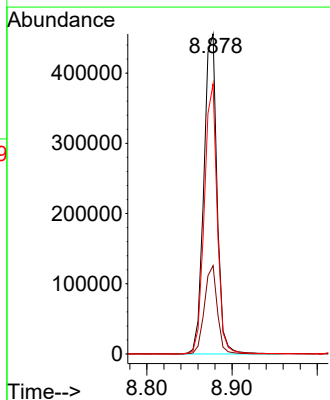
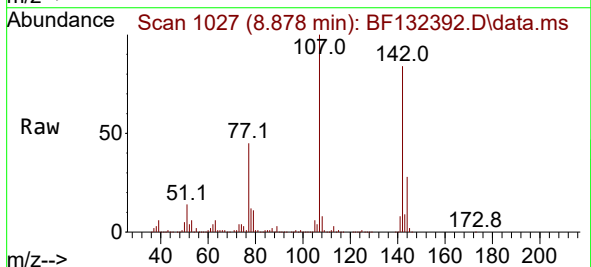
Manual Integrations
APPROVED

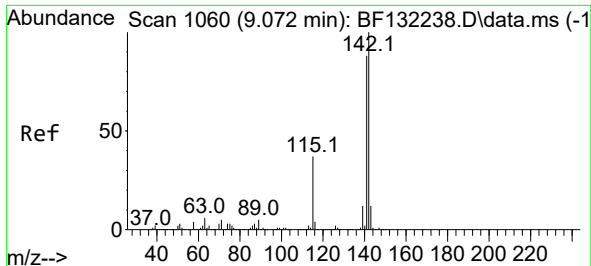
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#36
4-Chloro-3-methylphenol
Concen: 47.679 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

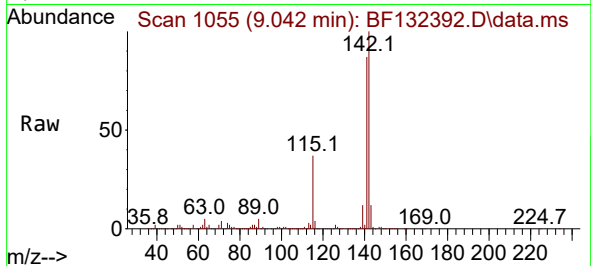
Tgt Ion:107 Resp: 489733
Ion Ratio Lower Upper
107 100
144 27.6 20.5 30.7
142 84.4 63.6 95.4





#37
2-Methylnaphthalene
Concen: 45.296 ng
RT: 9.042 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

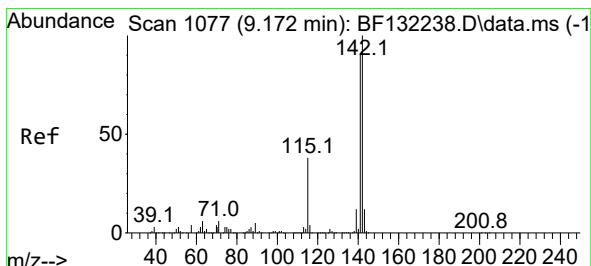
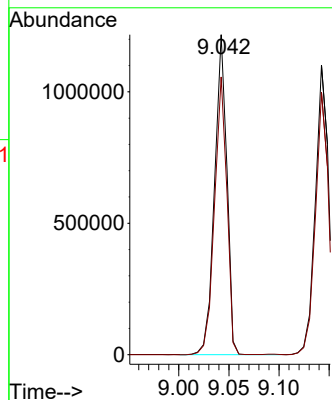
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:142 Resp: 1036149
Ion Ratio Lower Upper
142 100
141 86.8 70.1 105.1

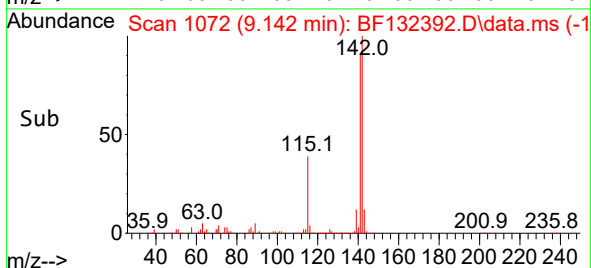
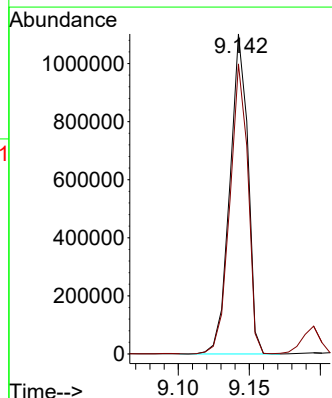
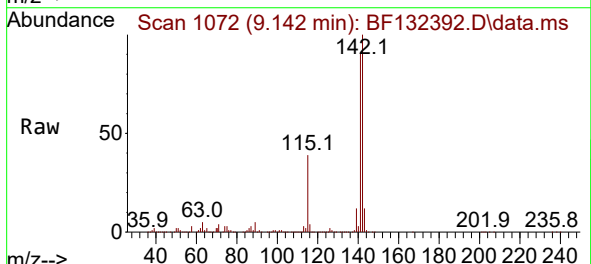
Manual Integrations
APPROVED

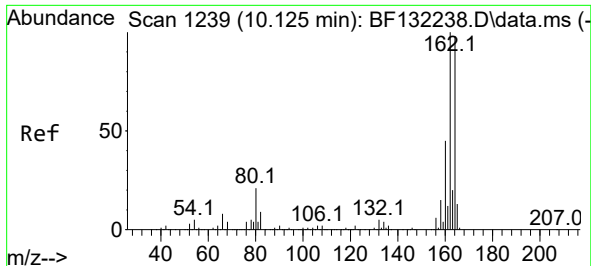
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#38
1-Methylnaphthalene
Concen: 46.032 ng
RT: 9.142 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

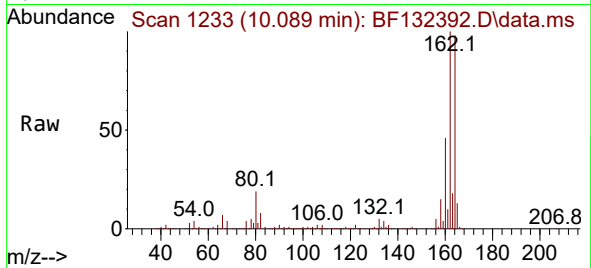
Tgt Ion:142 Resp: 978563
Ion Ratio Lower Upper
142 100
141 90.6 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.089 min Scan# 1083
Delta R.T. -0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

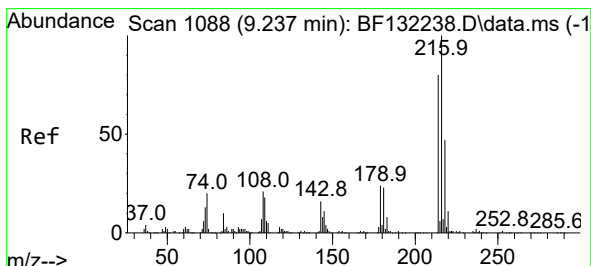
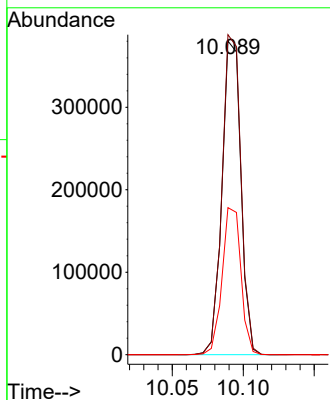
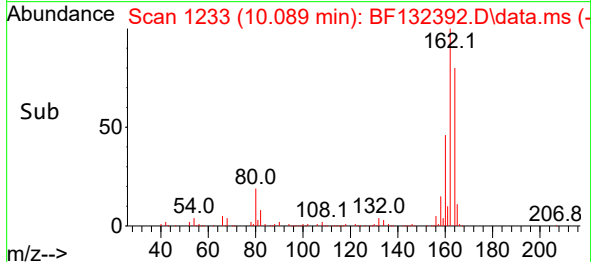
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:164 Resp: 352230
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 46.9 37.1 55.7

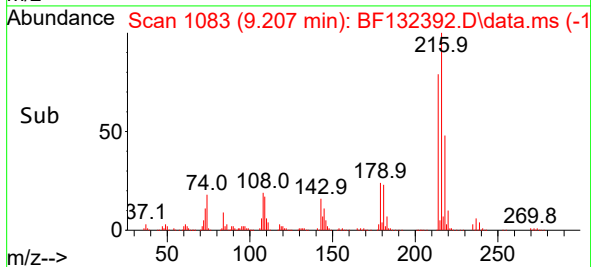
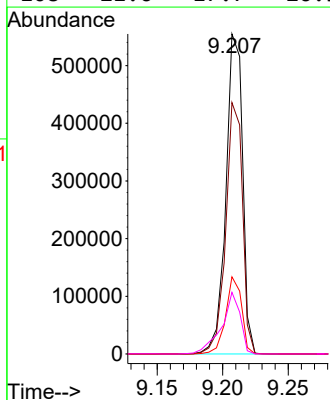
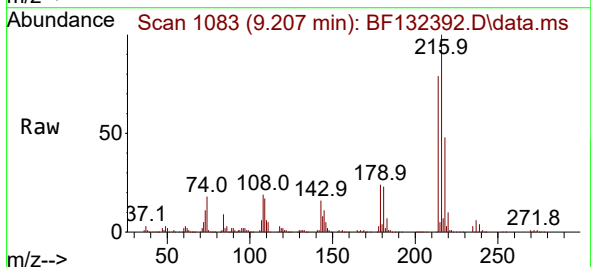
Manual Integrations
APPROVED

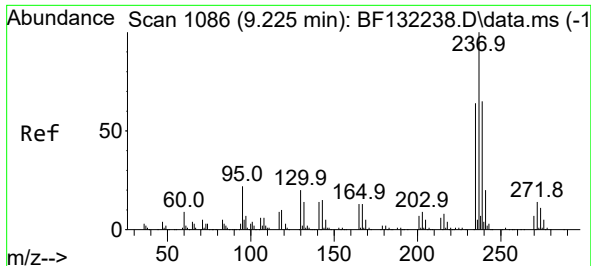
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.544 ng
RT: 9.207 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

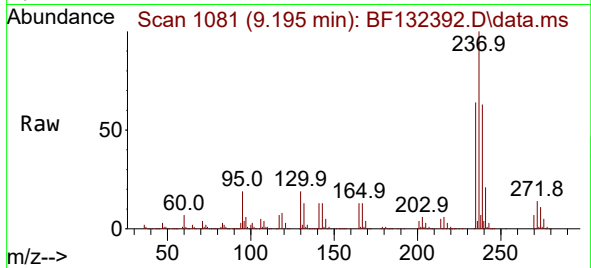
Tgt Ion:216 Resp: 491087
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 22.9 18.3 27.5
108 21.6 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 115.151 ng
RT: 9.195 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

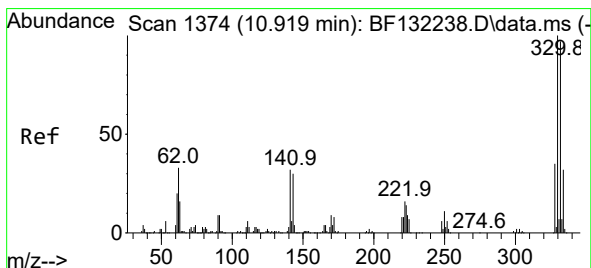
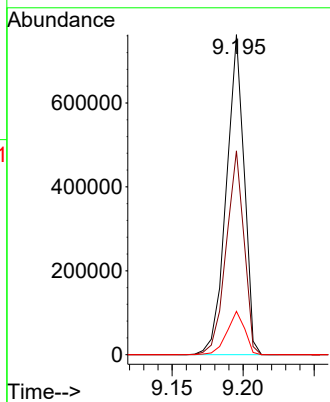
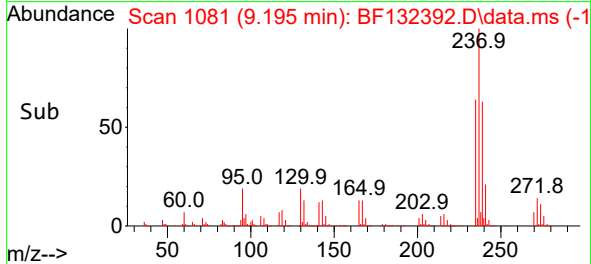
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion: 237 Resp: 66592
Ion Ratio Lower Upper
237 100
235 63.7 43.5 83.5
272 13.6 0.0 33.6

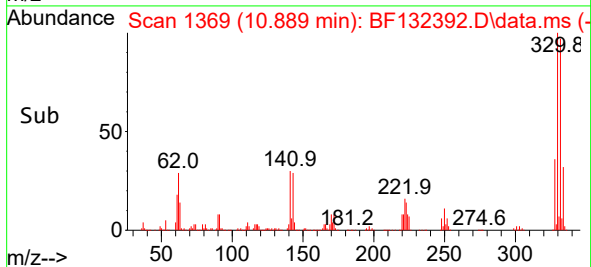
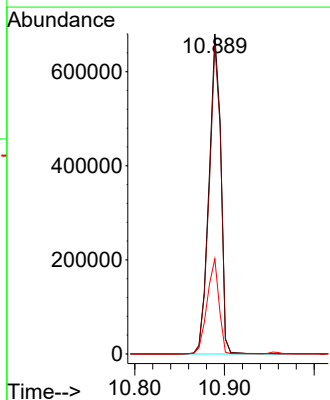
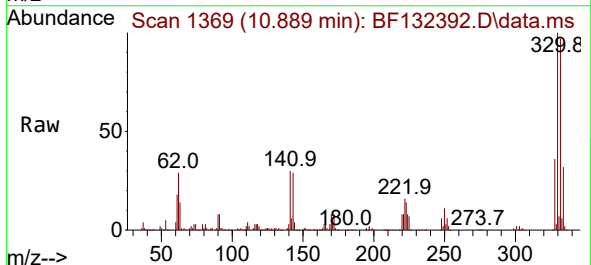
Manual Integrations
APPROVED

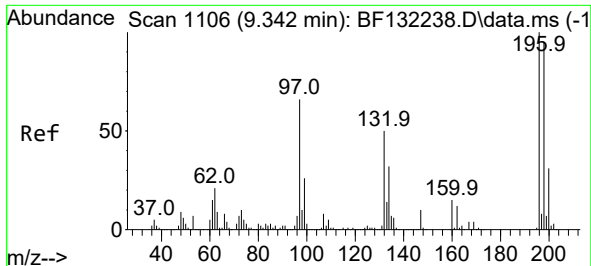
Reviewed By : Christian Giraldo 02/13/2023
Supervised By : Jagrut Upadhyay 02/13/2023



#42
2,4,6-Tribromophenol
Concen: 171.573 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

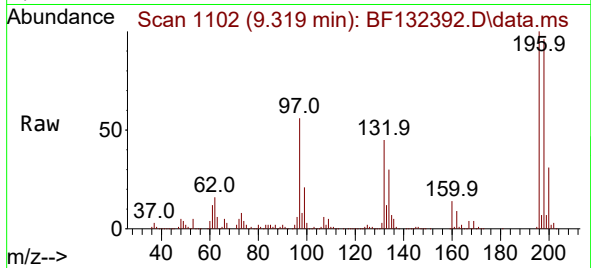
Tgt Ion: 330 Resp: 621471
Ion Ratio Lower Upper
330 100
332 96.6 77.9 116.9
141 29.9 31.0 46.4#





#43
2,4,6-Trichlorophenol
Concen: 49.690 ng
RT: 9.319 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

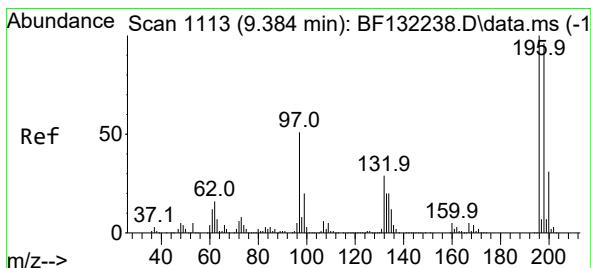
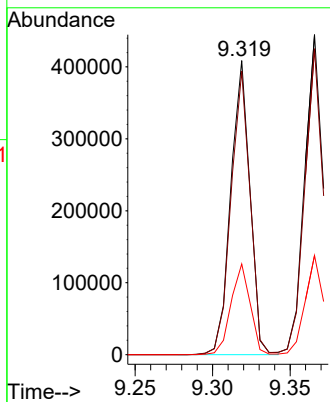
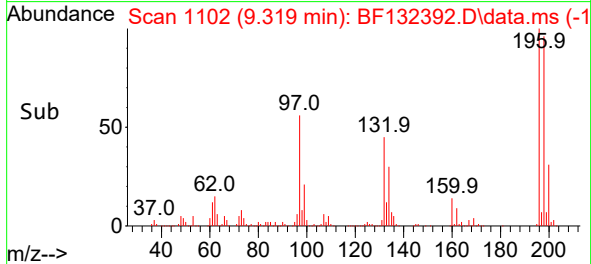
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:196 Resp: 352080
Ion Ratio Lower Upper
196 100
198 96.4 75.9 113.9
200 30.9 24.7 37.1

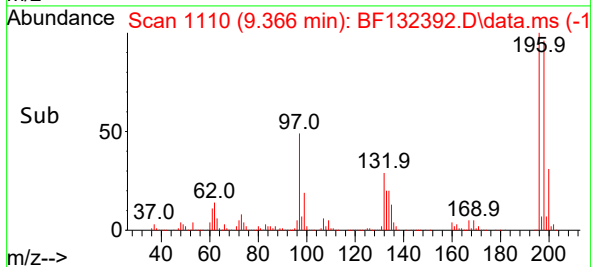
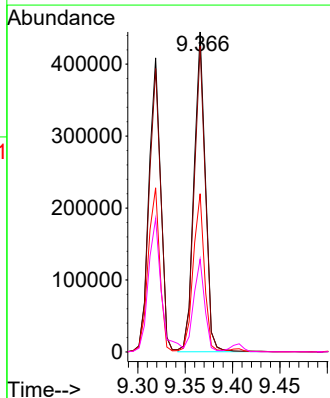
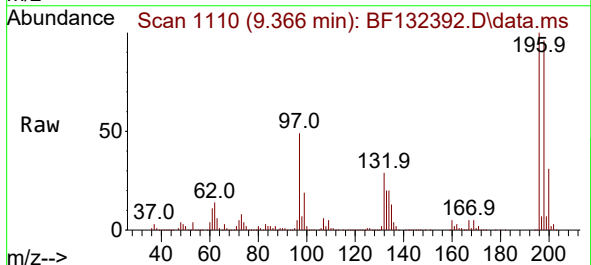
Manual Integrations
APPROVED

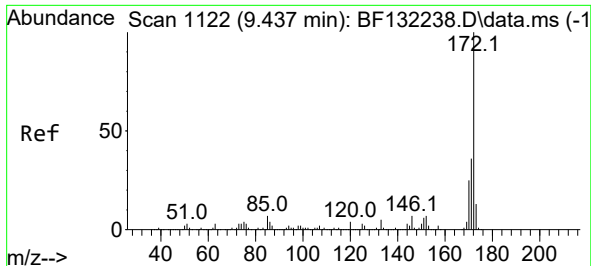
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#44
2,4,5-Trichlorophenol
Concen: 45.762 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

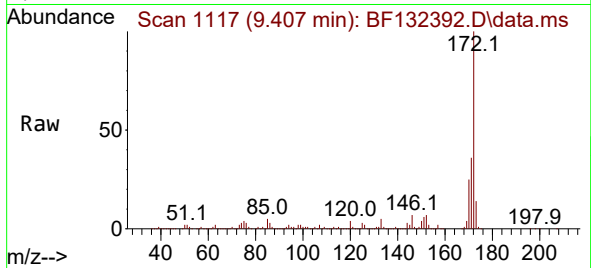
Tgt Ion:196 Resp: 373202
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
97 49.4 41.2 61.8
132 29.0 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 84.387 ng
RT: 9.407 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

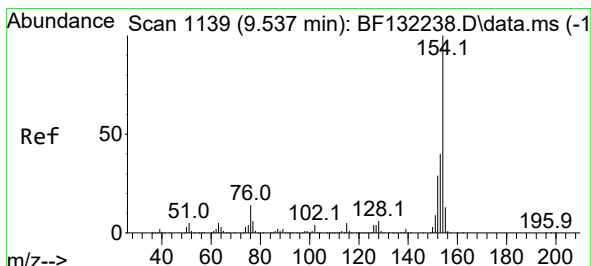
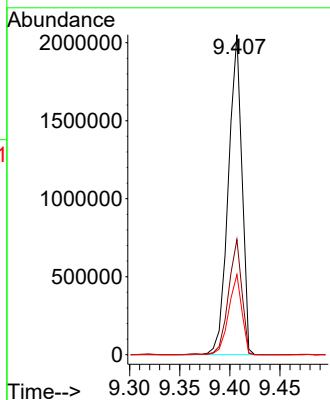
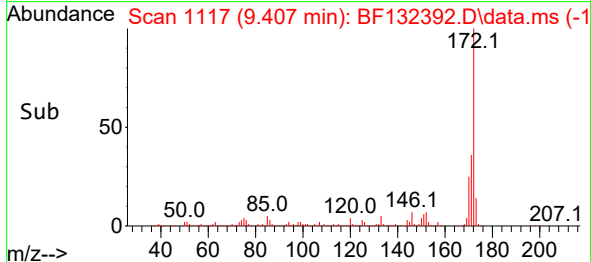
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:172 Resp: 1924800
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 25.0 19.7 29.5

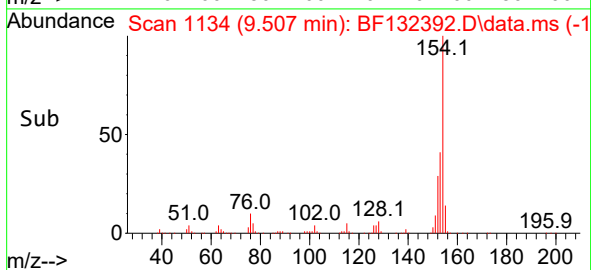
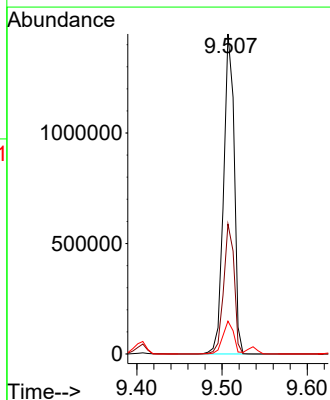
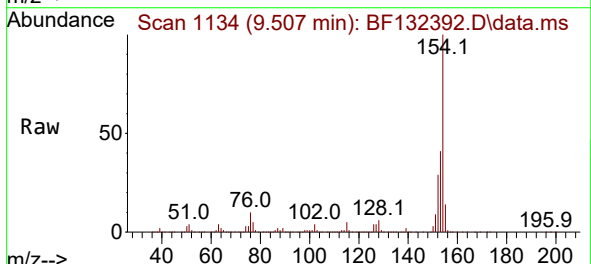
Manual Integrations
APPROVED

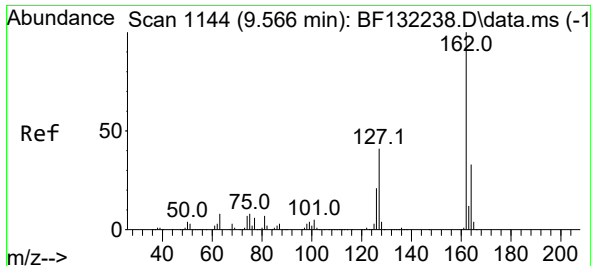
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#46
1,1'-Biphenyl
Concen: 46.109 ng
RT: 9.507 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Tgt Ion:154 Resp: 1252101
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 10.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 47.842 ng

RT: 9.536 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF132392.D

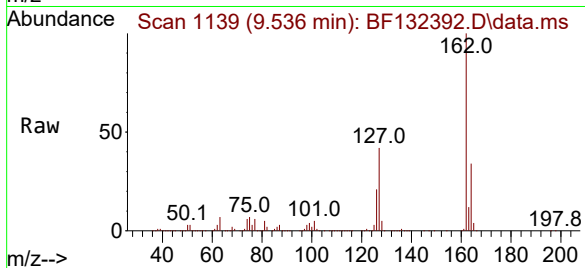
Acq: 10 Feb 2023 17:42

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMS



Tgt Ion:162 Resp: 98948

Ion Ratio Lower Upper

162 100

127 42.4 33.3 49.9

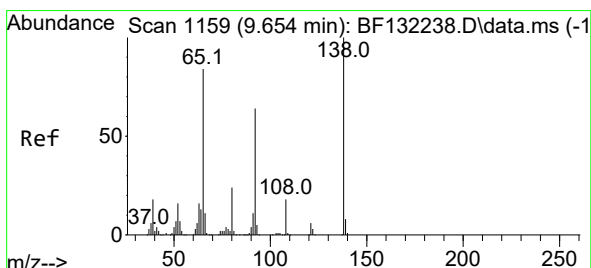
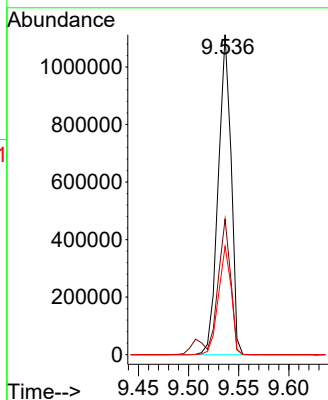
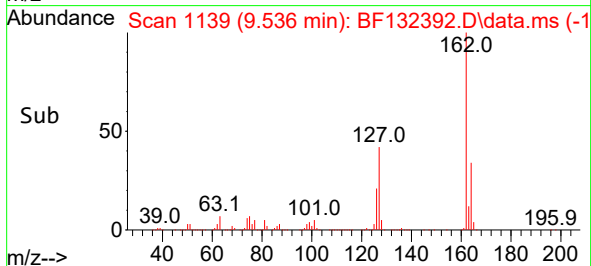
164 33.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#48

2-Nitroaniline

Concen: 38.386 ng

RT: 9.630 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF132392.D

Acq: 10 Feb 2023 17:42

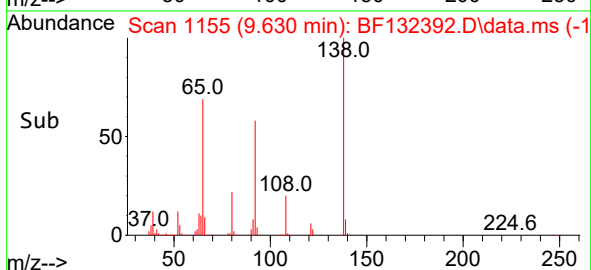
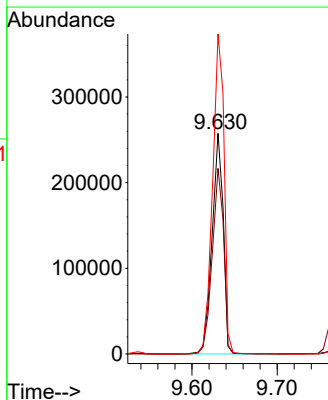
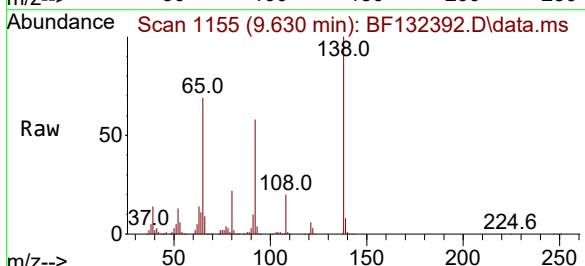
Tgt Ion: 65 Resp: 236115

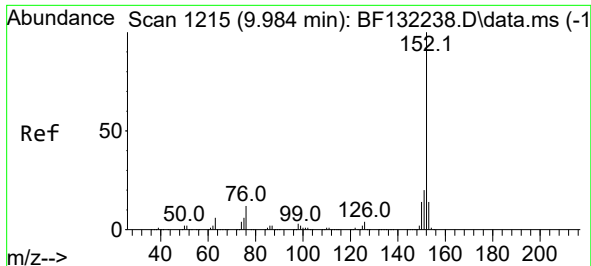
Ion Ratio Lower Upper

65 100

92 84.2 61.0 91.4

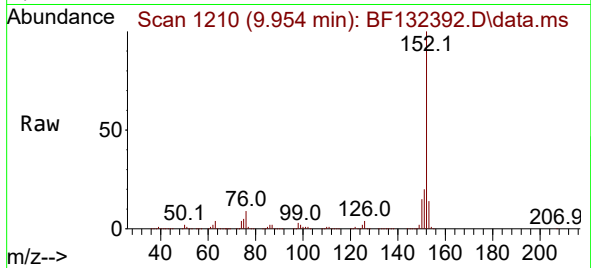
138 145.1 95.0 142.4#





#49
Acenaphthylene
Concen: 45.464 ng
RT: 9.954 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

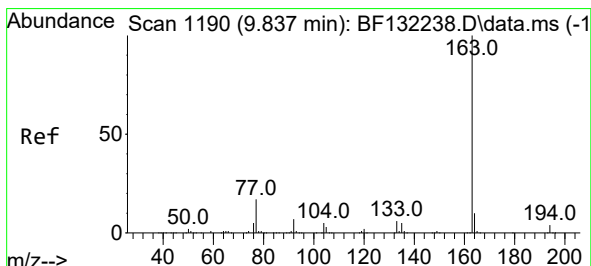
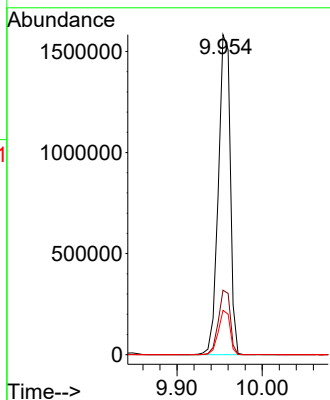
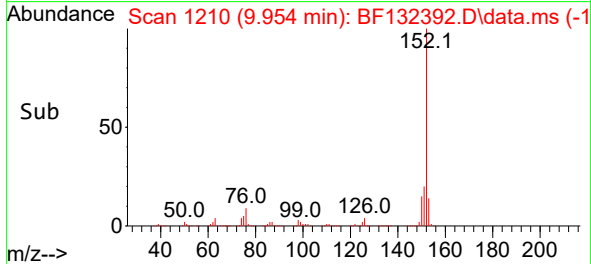
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



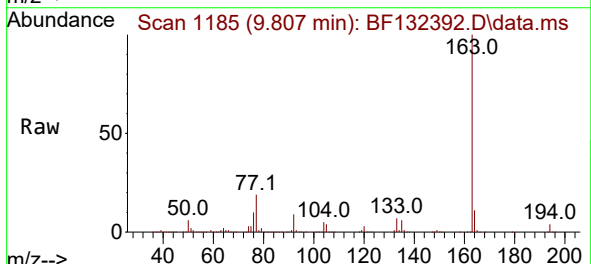
Tgt Ion:152 Resp: 1534658
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.9 10.9 16.3

Manual Integrations
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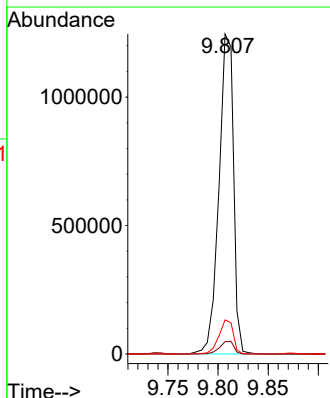
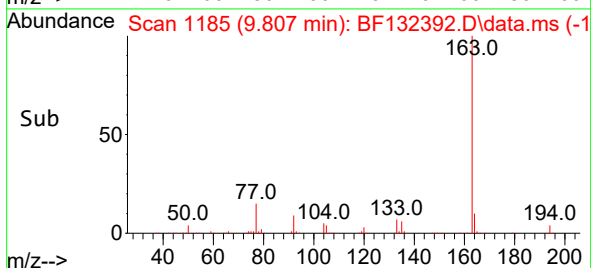
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

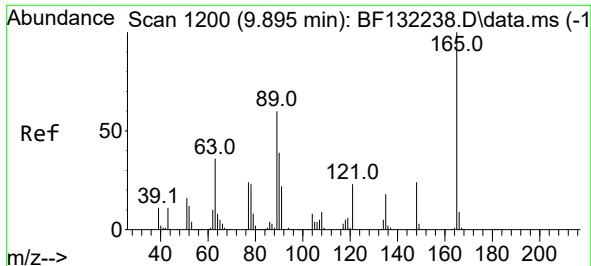


#50
Dimethylphthalate
Concen: 51.054 ng
RT: 9.807 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



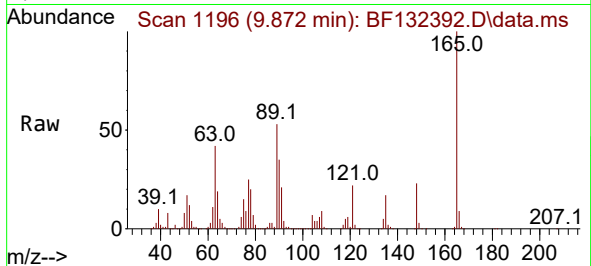
Tgt Ion:163 Resp: 1257909
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.6 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.242 ng
RT: 9.872 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

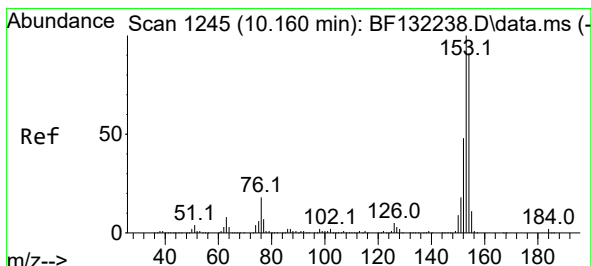
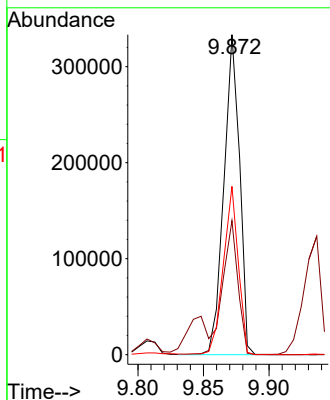
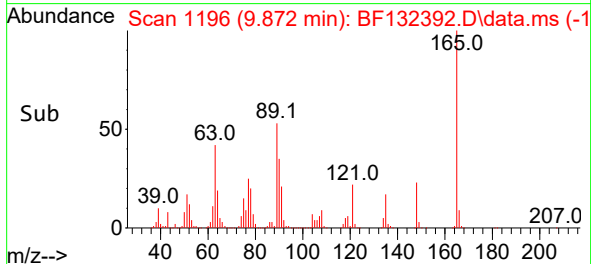
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



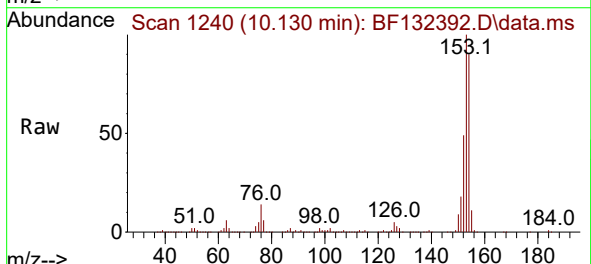
Tgt Ion:165 Resp: 276469
Ion Ratio Lower Upper
165 100
63 41.9 41.5 62.3
89 52.6 48.1 72.1

Manual Integrations
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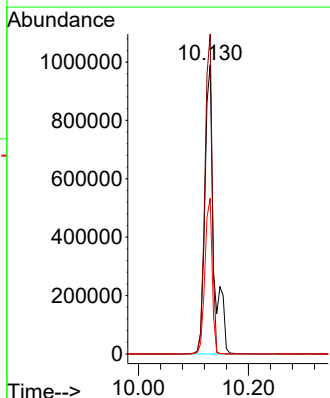
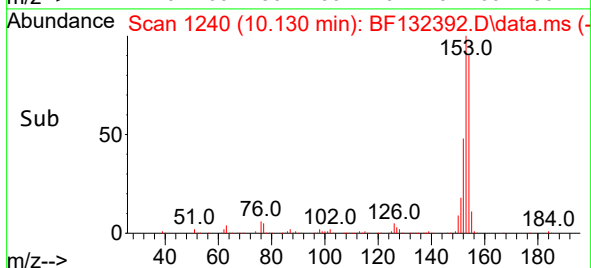
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

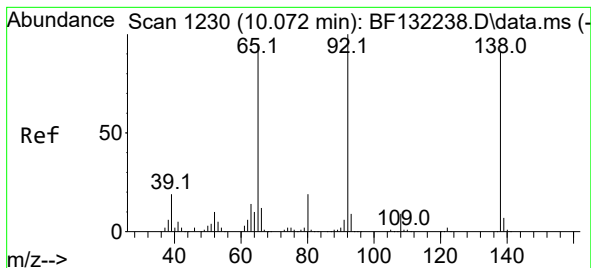


#52
Acenaphthene
Concen: 53.181 ng
RT: 10.130 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



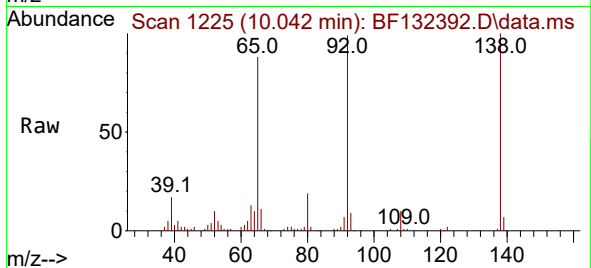
Tgt Ion:154 Resp: 1123860
Ion Ratio Lower Upper
154 100
153 110.6 88.3 132.5
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 7.439 ng
RT: 10.042 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

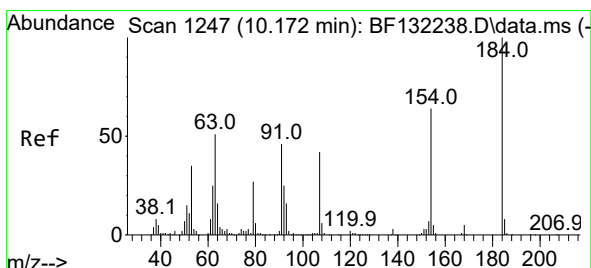
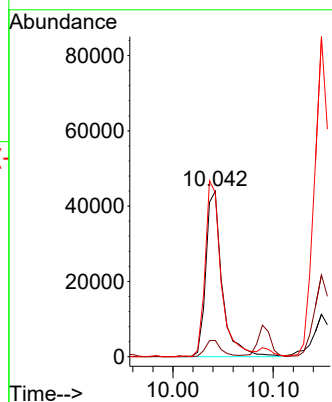
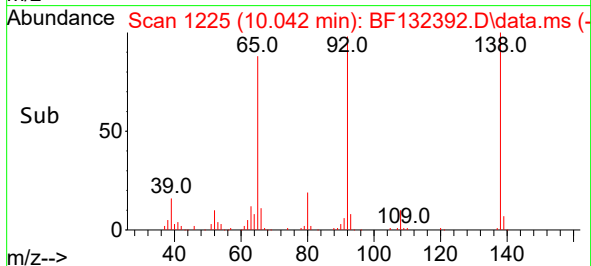
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



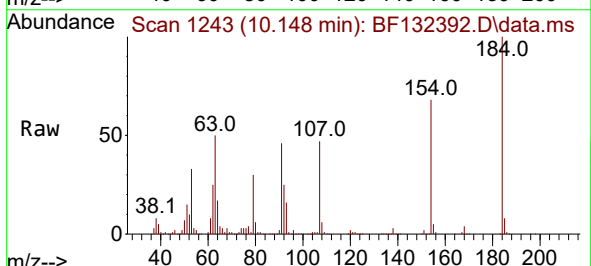
Tgt Ion:138 Resp: 4964
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 99.3 88.3 132.5

Manual Integrations
APPROVED

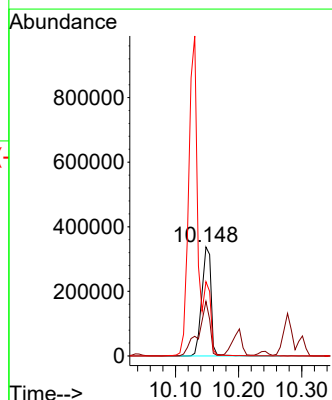
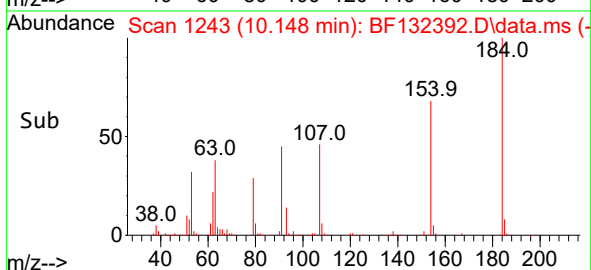
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

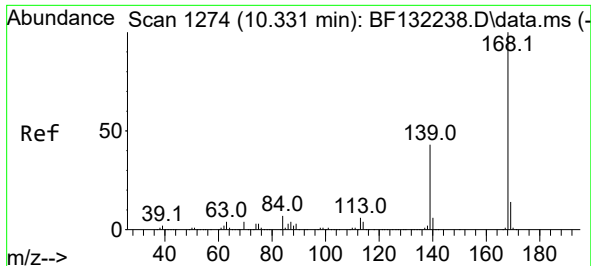


#54
2,4-Dinitrophenol
Concen: 106.890 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



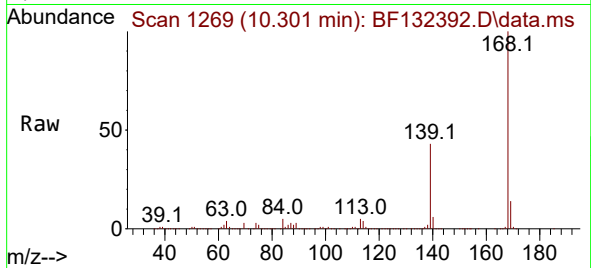
Tgt Ion:184 Resp: 345858
Ion Ratio Lower Upper
184 100
63 50.0 41.6 62.4
154 68.2 57.0 85.6





#55
Dibenzenofuran
Concen: 46.203 ng
RT: 10.301 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

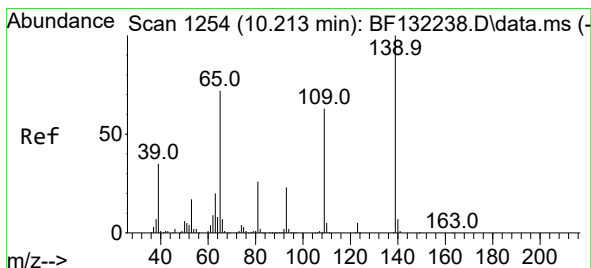
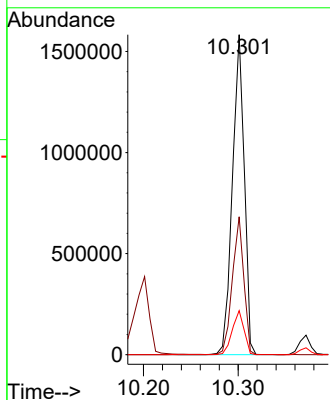
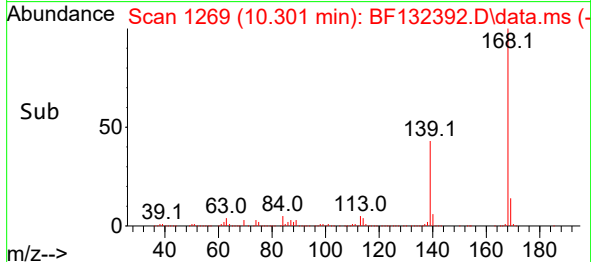
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:168 Resp: 137187
Ion Ratio Lower Upper
168 100
139 43.1 34.2 51.4
169 13.7 11.2 16.8

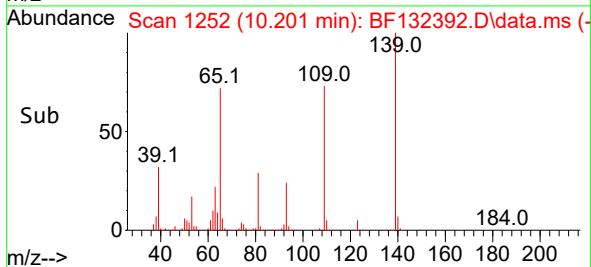
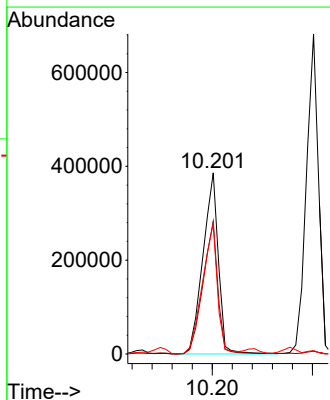
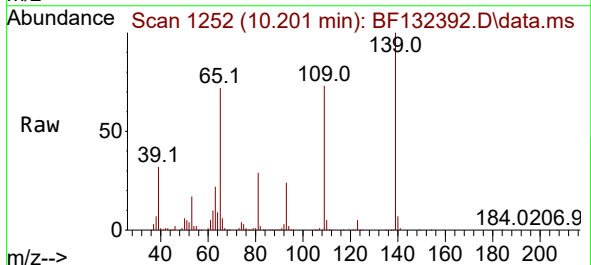
Manual Integrations
APPROVED

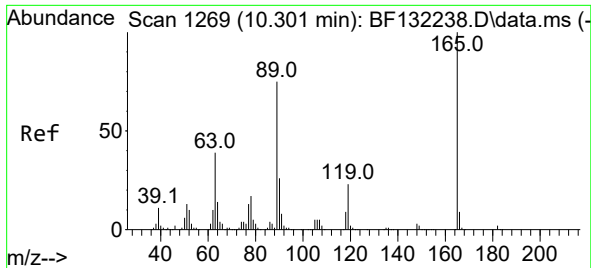
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#56
4-Nitrophenol
Concen: 82.320 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

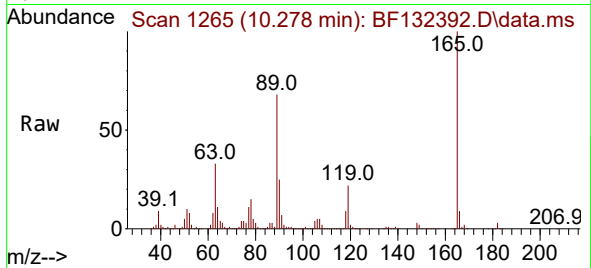
Tgt Ion:139 Resp: 413381
Ion Ratio Lower Upper
139 100
109 73.2 43.3 83.3
65 72.0 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 51.842 ng
RT: 10.278 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

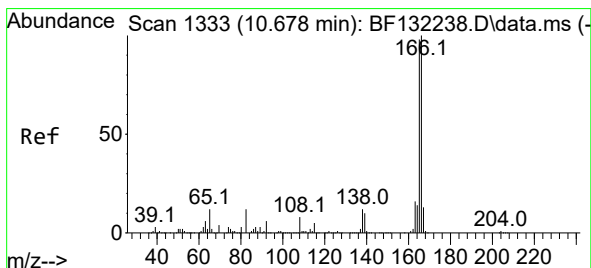
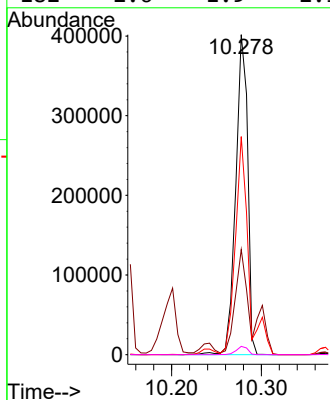
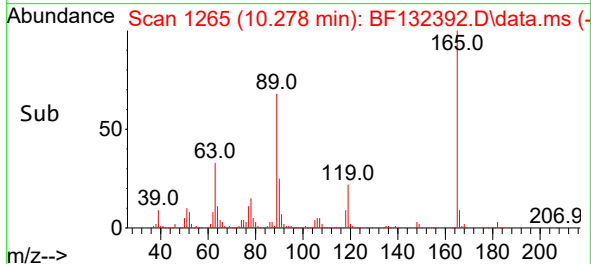
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:165 Resp: 370569
Ion Ratio Lower Upper
165 100
63 32.9 30.9 46.3
89 68.2 60.1 90.1
182 2.6 1.9 2.9

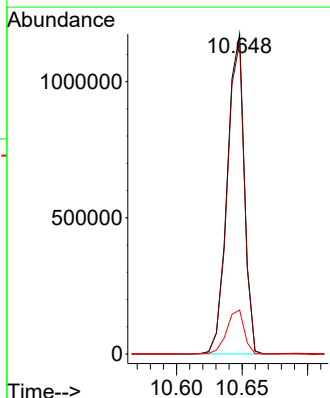
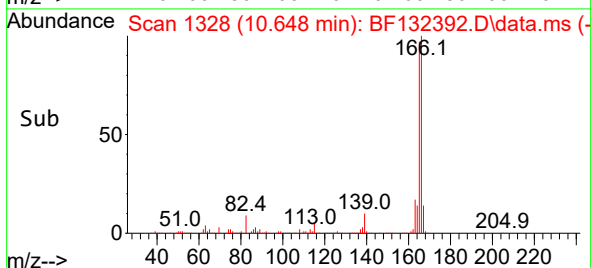
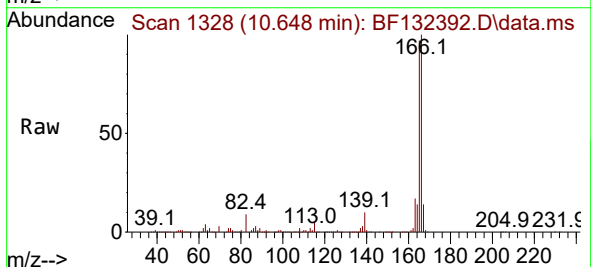
Manual Integrations
APPROVED

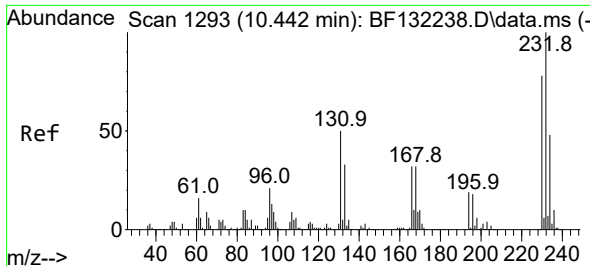
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#58
Fluorene
Concen: 46.403 ng
RT: 10.648 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

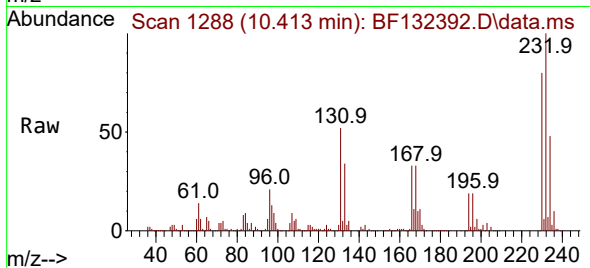
Tgt Ion:166 Resp: 1060364
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.973 ng
RT: 10.413 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

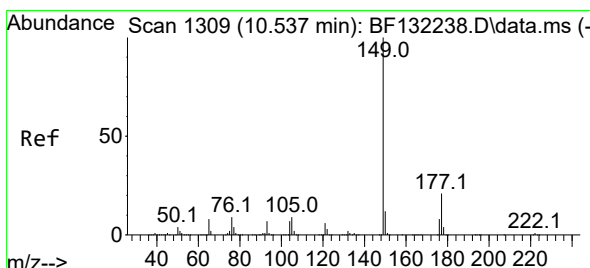
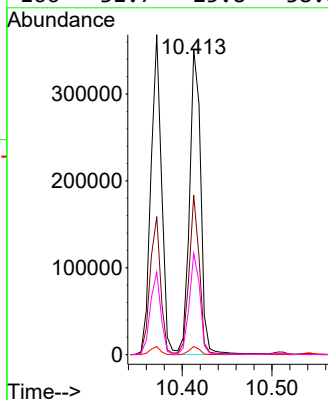
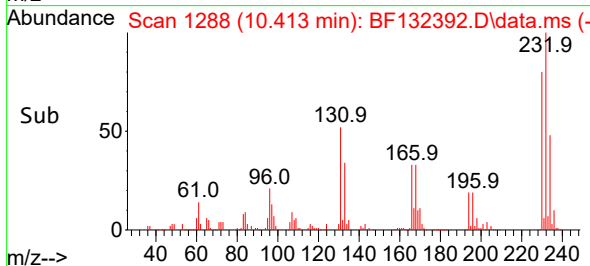
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



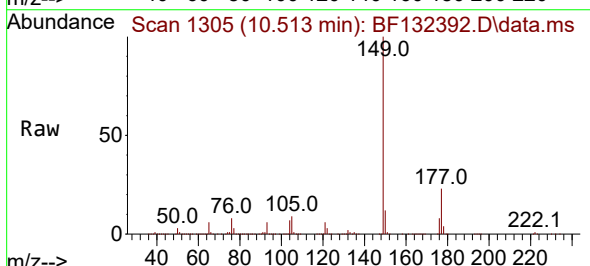
Tgt Ion:232 Resp: 303054
Ion Ratio Lower Upper
232 100
131 47.9 40.6 61.0
130 2.6 1.9 2.9
166 31.7 25.8 38.8

Manual Integrations
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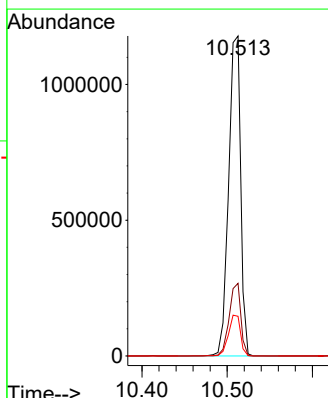
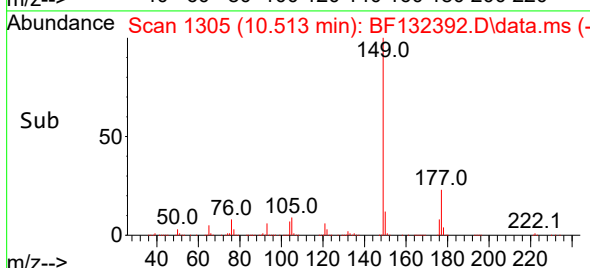
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

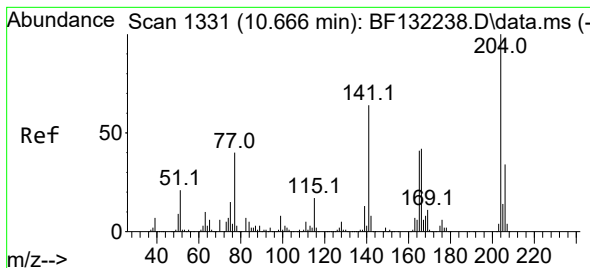


#60
Diethylphthalate
Concen: 47.490 ng
RT: 10.513 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



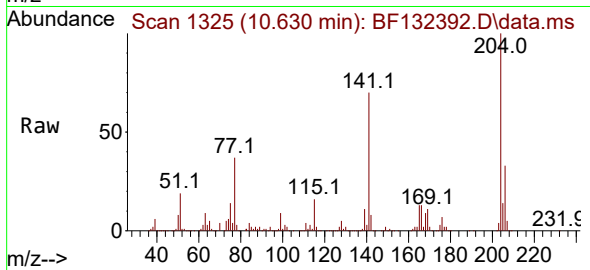
Tgt Ion:149 Resp: 1164015
Ion Ratio Lower Upper
149 100
177 22.7 17.1 25.7
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.780 ng
RT: 10.630 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

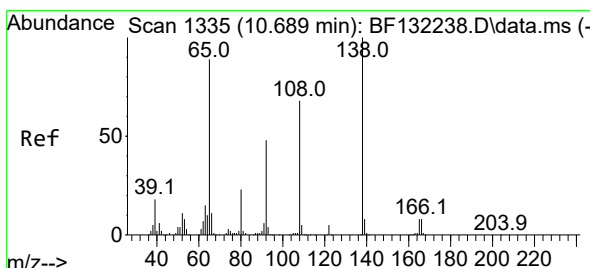
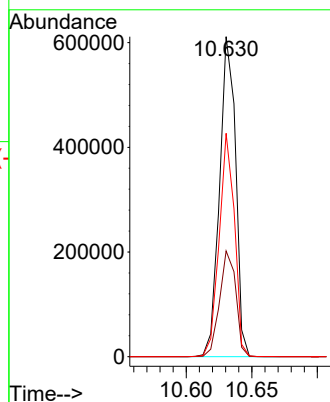
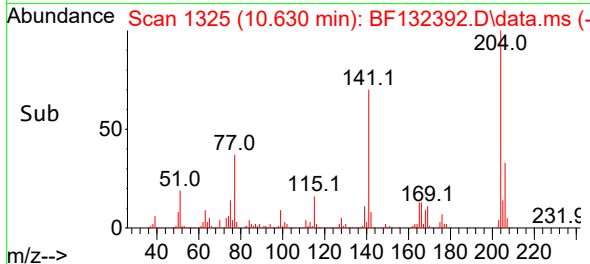
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:204 Resp: 51816
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 69.8 51.4 77.0

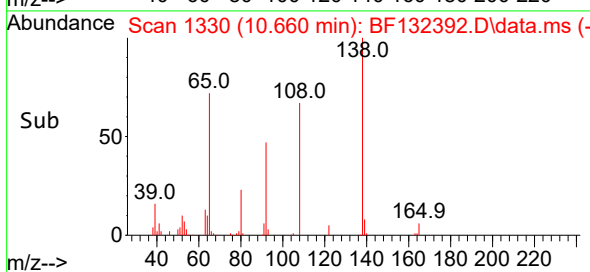
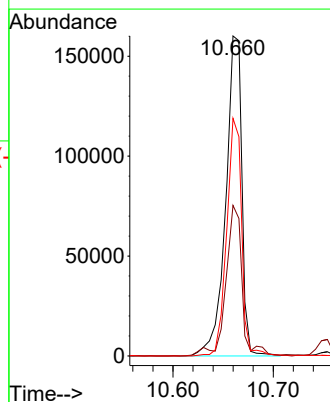
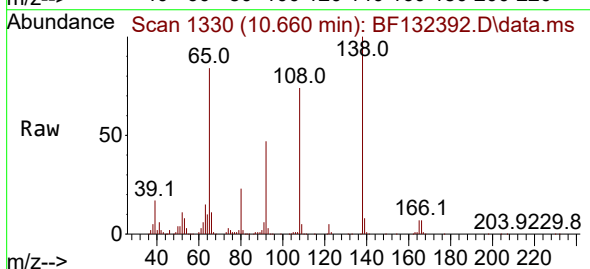
Manual Integrations
APPROVED

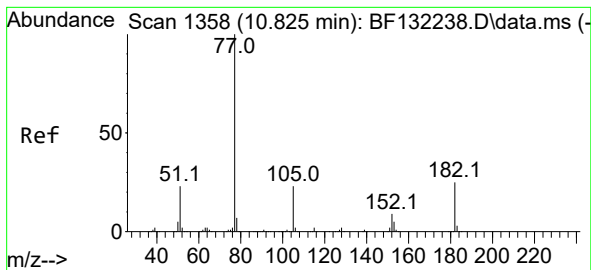
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#62
4-Nitroaniline
Concen: 27.990 ng
RT: 10.660 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

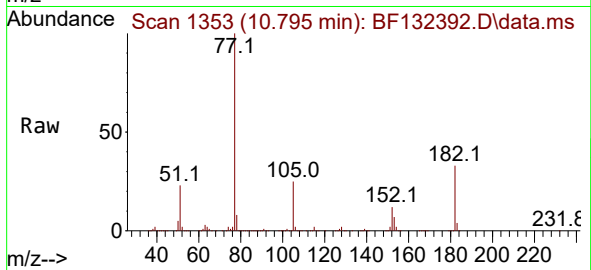
Tgt Ion:138 Resp: 179117
Ion Ratio Lower Upper
138 100
92 47.1 27.7 67.7
108 74.3 48.5 88.5





#63
Azobenzene
Concen: 38.760 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

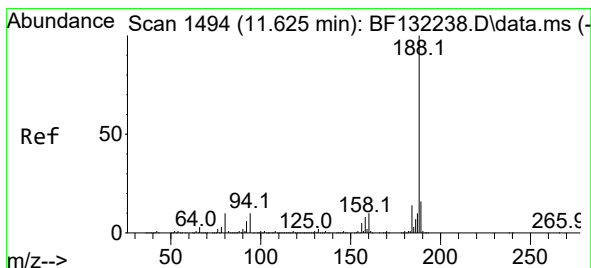
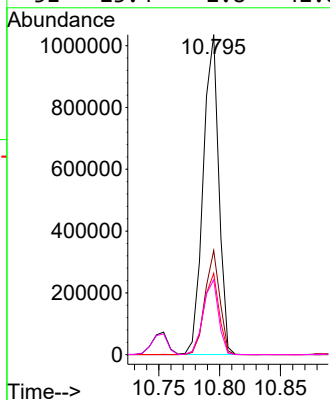
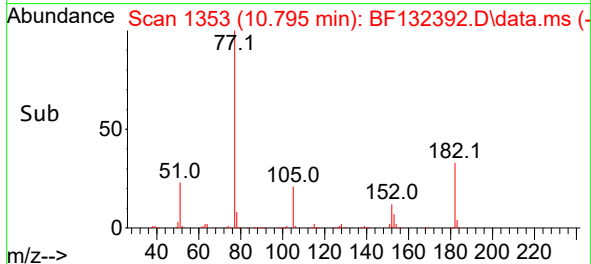
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



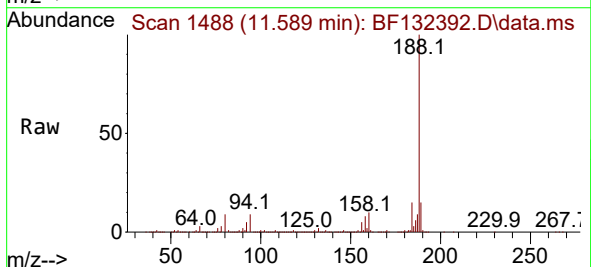
Tgt Ion: 77 Resp: 92539
Ion Ratio Lower Upper
77 100
182 32.5 4.5 44.5
105 25.4 2.7 42.7
51 23.4 2.8 42.8

Manual Integrations
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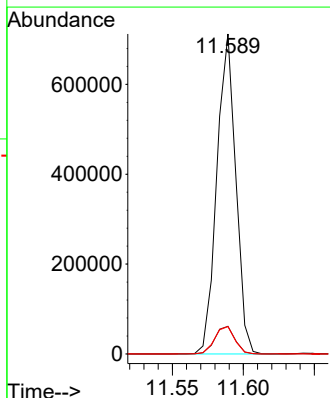
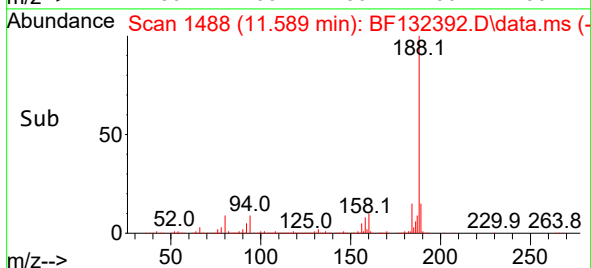
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

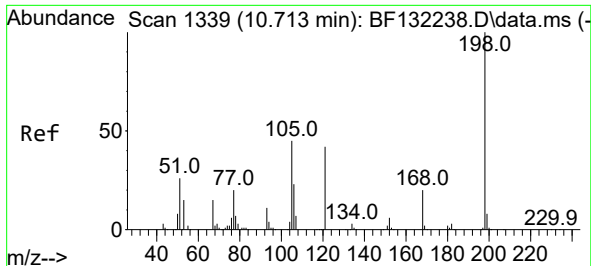


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



Tgt Ion:188 Resp: 659402
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 8.6 8.3 12.5





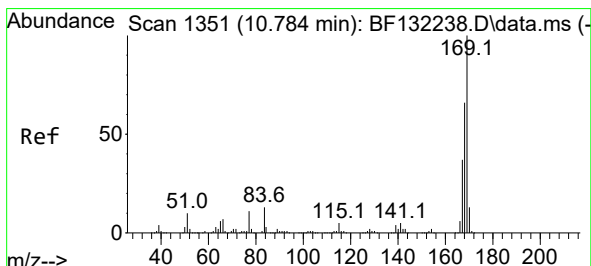
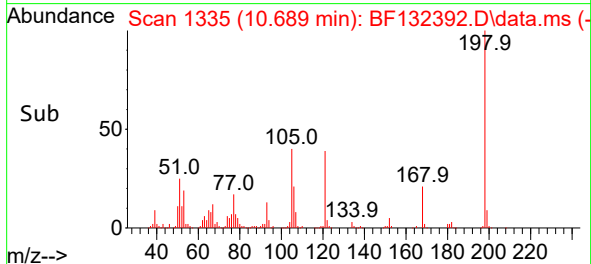
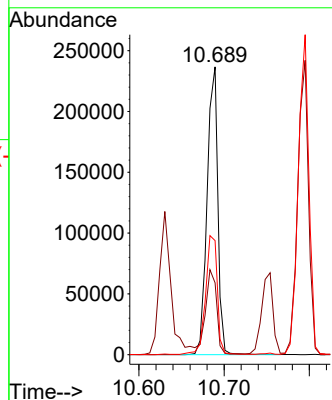
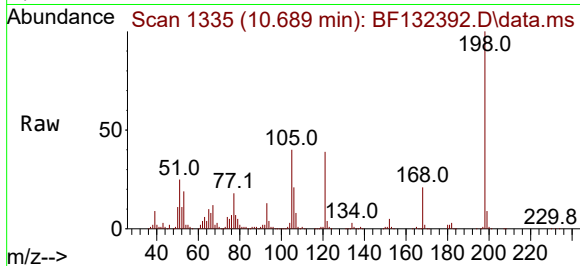
#65
4,6-Dinitro-2-methylphenol
Concen: 55.187 ng
RT: 10.689 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS

Tgt Ion:198 Resp: 20653
Ion Ratio Lower Upper
198 100
51 25.0 13.1 53.1
105 39.7 26.0 66.0

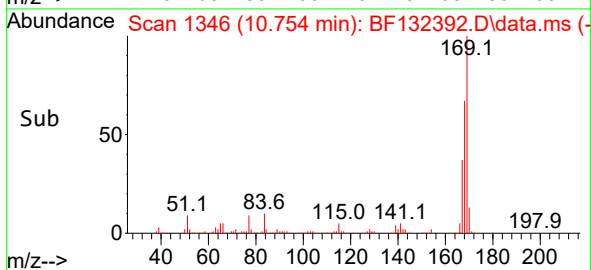
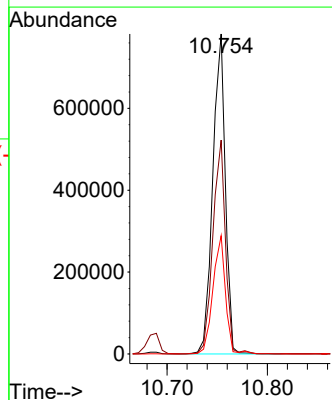
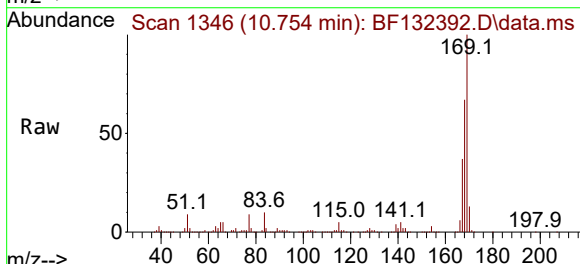
Manual Integrations
APPROVED

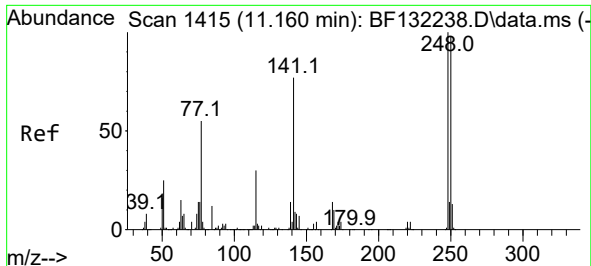
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#66
n-Nitrosodiphenylamine
Concen: 32.913 ng
RT: 10.754 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

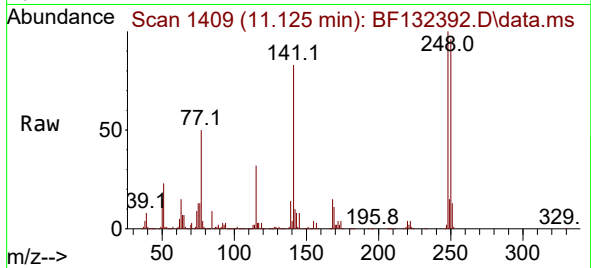
Tgt Ion:169 Resp: 679590
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 37.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 50.422 ng
RT: 11.125 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

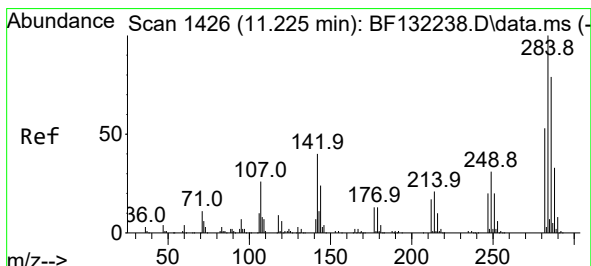
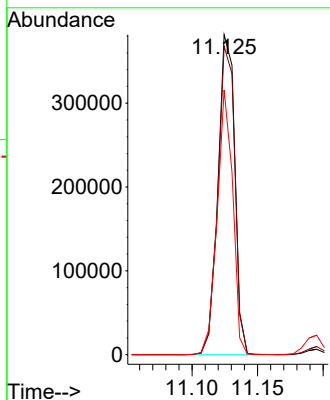
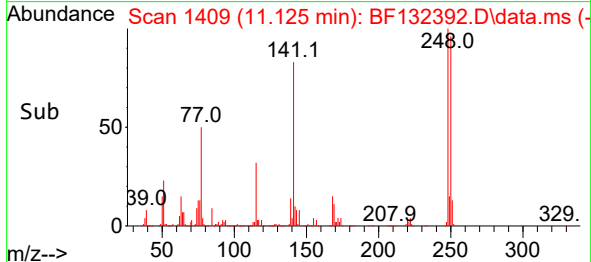
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



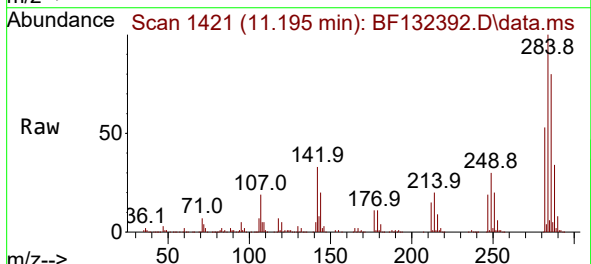
Tgt Ion:248 Resp: 340460
Ion Ratio Lower Upper
248 100
250 96.3 78.6 117.8
141 82.7 61.6 92.4

Manual Integrations
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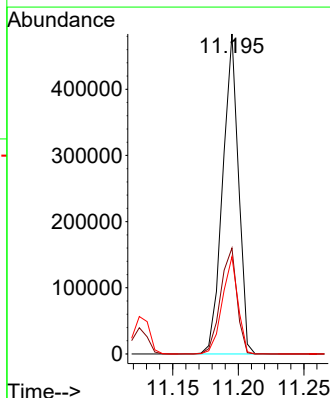
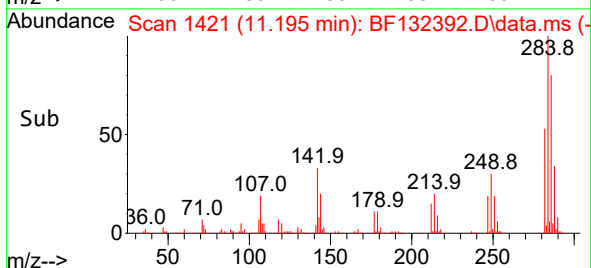
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

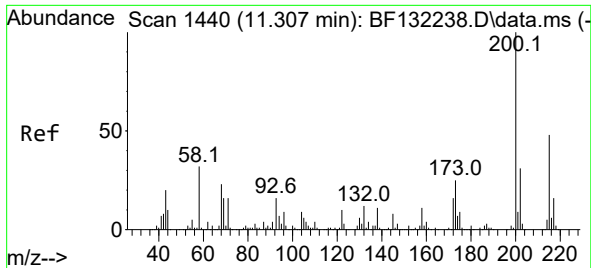


#68
Hexachlorobenzene
Concen: 55.969 ng
RT: 11.195 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



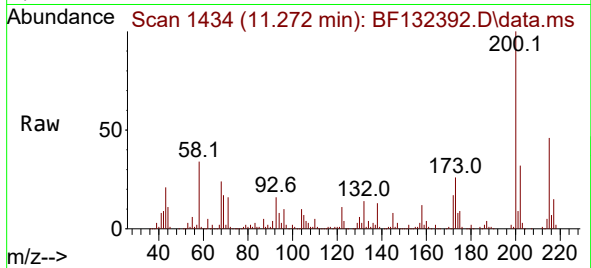
Tgt Ion:284 Resp: 403928
Ion Ratio Lower Upper
284 100
142 33.1 32.2 48.4
249 30.4 25.0 37.6





#69
 Atrazine
 Concen: 19.804 ng
 RT: 11.272 min Scan# 1434
 Delta R.T. -0.012 min
 Lab File: BF132392.D
 Acq: 10 Feb 2023 17:42

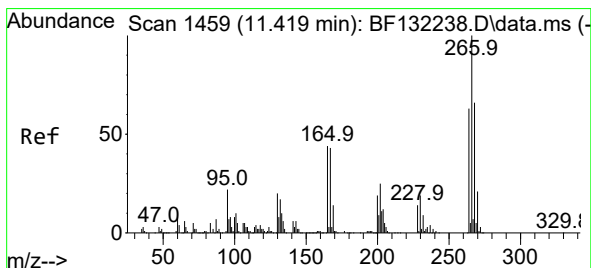
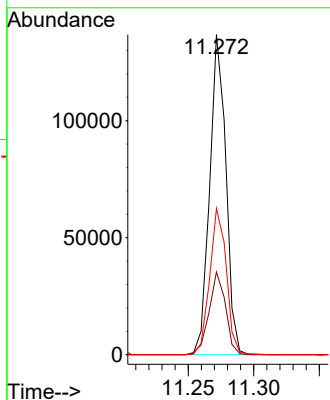
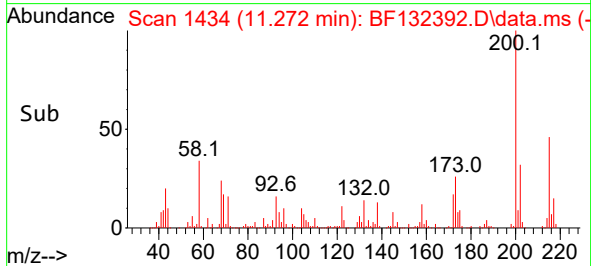
Instrument :
 BNA_F
 ClientSampleId :
 BARN-EAST-END-DRAINMS



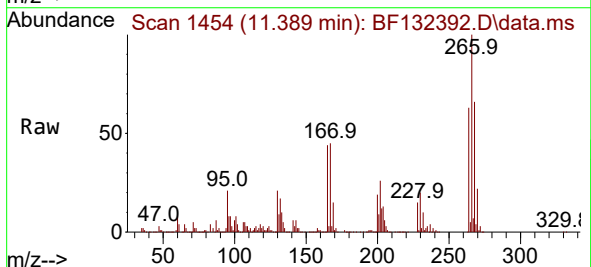
Tgt Ion:200 Resp: 11762
 Ion Ratio Lower Upper
 200 100
 173 25.8 5.1 45.1
 215 45.7 27.6 67.6

Manual Integrations
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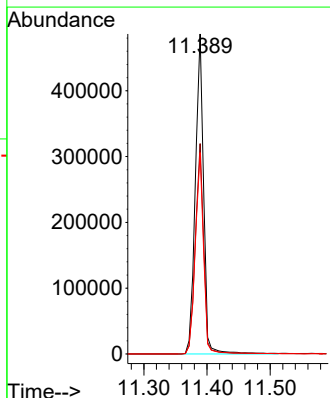
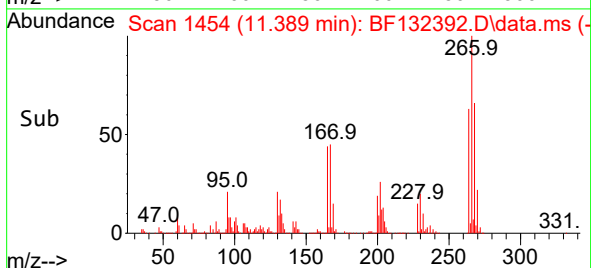
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023

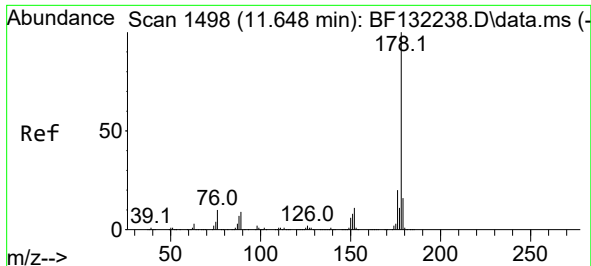


#70
 Pentachlorophenol
 Concen: 89.320 ng
 RT: 11.389 min Scan# 1454
 Delta R.T. 0.000 min
 Lab File: BF132392.D
 Acq: 10 Feb 2023 17:42



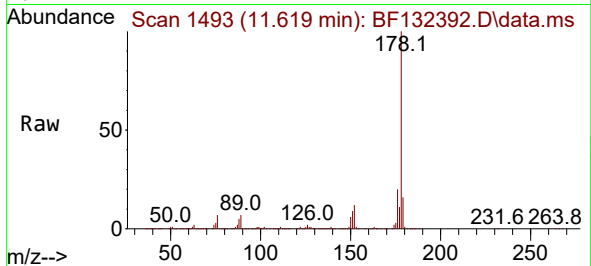
Tgt Ion:266 Resp: 442917
 Ion Ratio Lower Upper
 266 100
 268 65.8 53.0 79.4
 264 63.0 50.5 75.7





#71
Phenanthrene
Concen: 45.964 ng
RT: 11.619 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

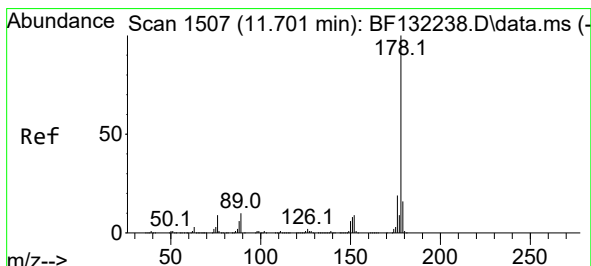
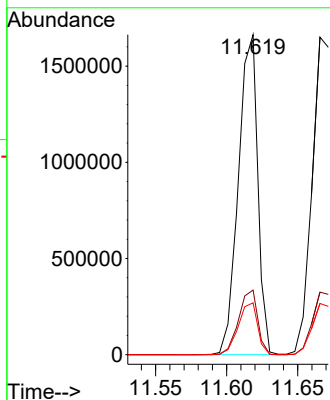
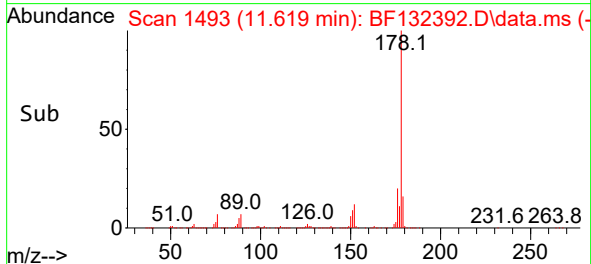
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:178 Resp: 158381
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.2 12.8 19.2

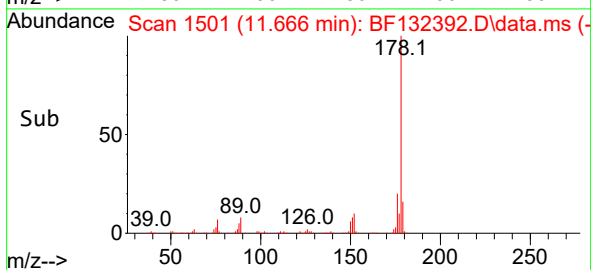
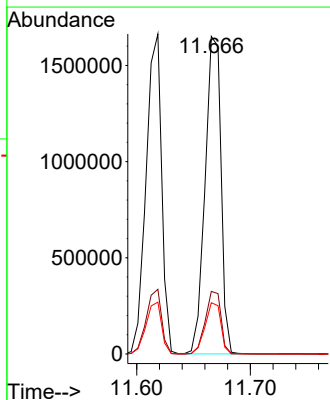
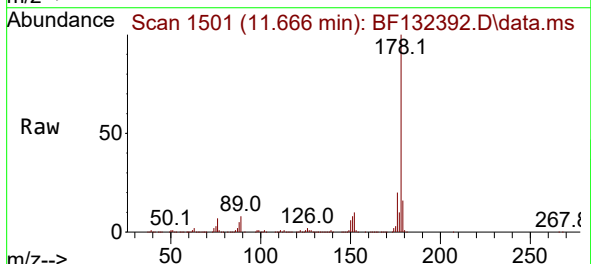
Manual Integrations
APPROVED

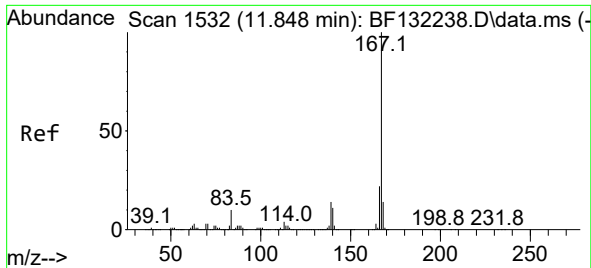
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#72
Anthracene
Concen: 45.840 ng
RT: 11.666 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

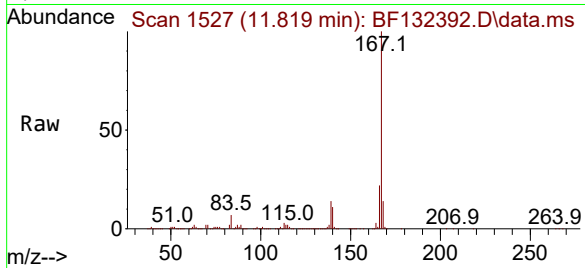
Tgt Ion:178 Resp: 1607459
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.1 12.8 19.2





#73
 Carbazole
 Concen: 30.094 ng
 RT: 11.819 min Scan# 1527
 Delta R.T. -0.006 min
 Lab File: BF132392.D
 Acq: 10 Feb 2023 17:42

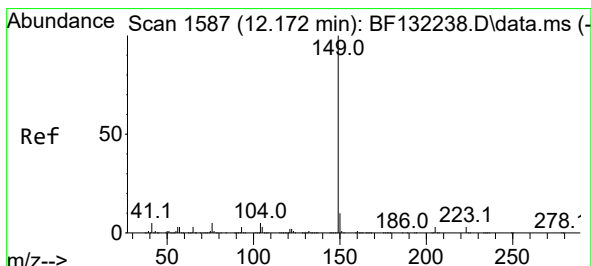
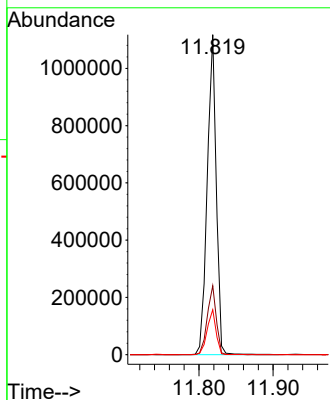
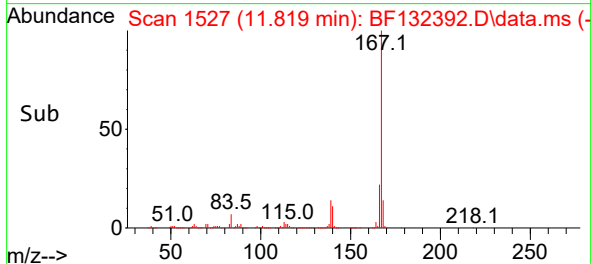
Instrument :
 BNA_F
 ClientSampleId :
 BARN-EAST-END-DRAINMS



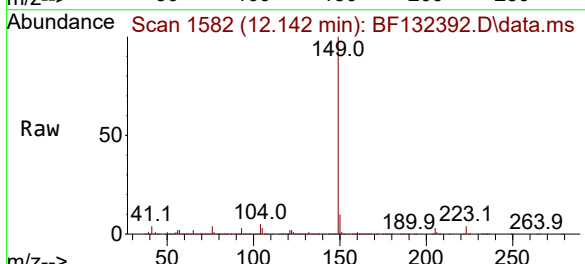
Tgt Ion:167 Resp: 946248
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 14.1 11.4 17.2

Manual Integrations
 APPROVED

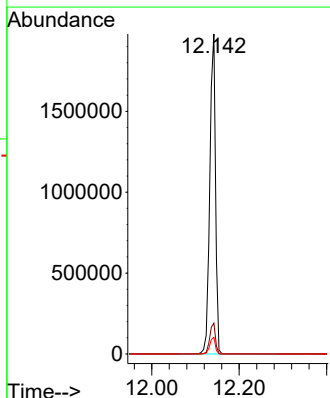
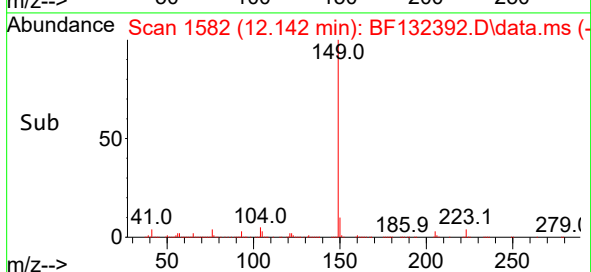
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023

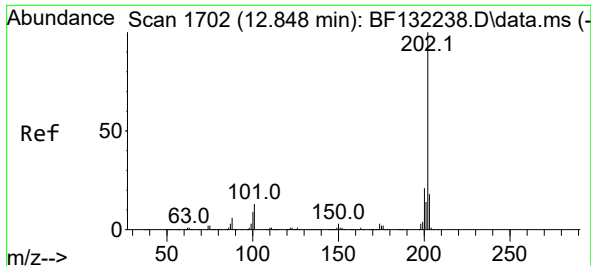


#74
 Di-n-butylphthalate
 Concen: 48.248 ng
 RT: 12.142 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF132392.D
 Acq: 10 Feb 2023 17:42



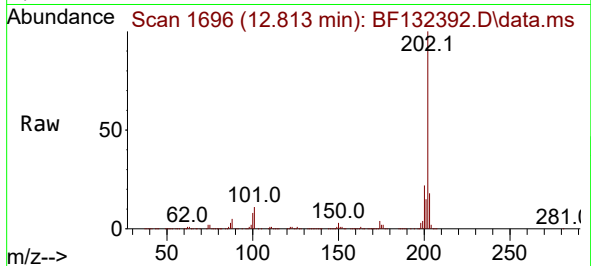
Tgt Ion:149 Resp: 1793521
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 45.704 ng
RT: 12.813 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

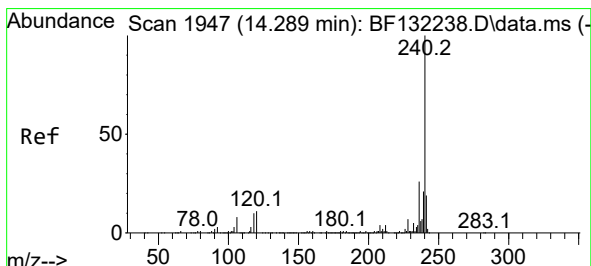
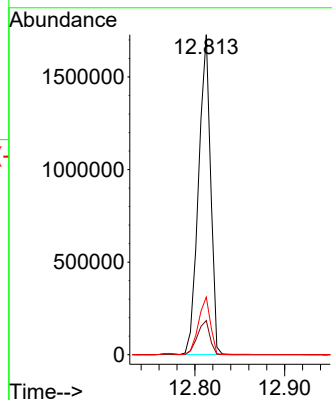
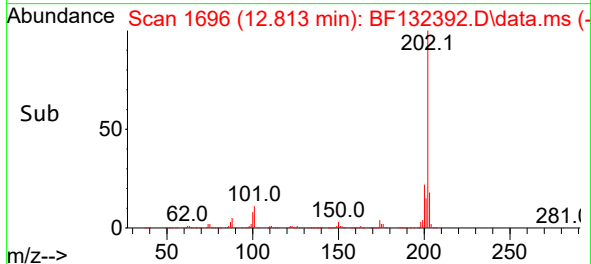
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



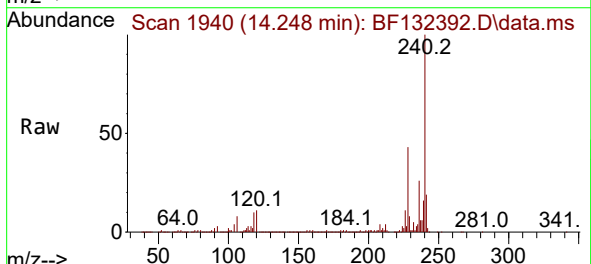
Tgt Ion:202 Resp: 1607075
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.7
203 18.0 0.0 37.9

Manual Integrations
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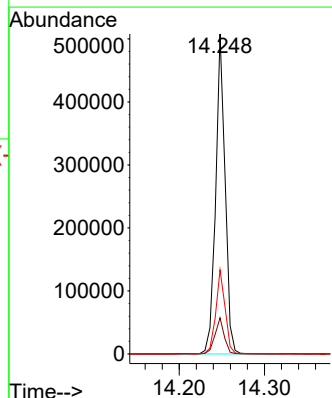
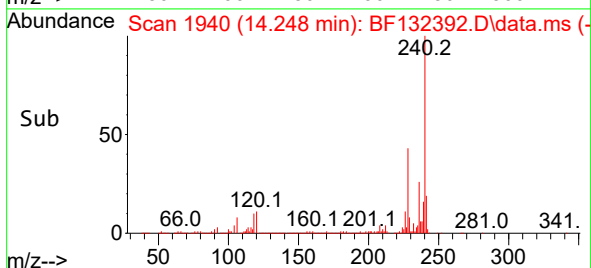
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

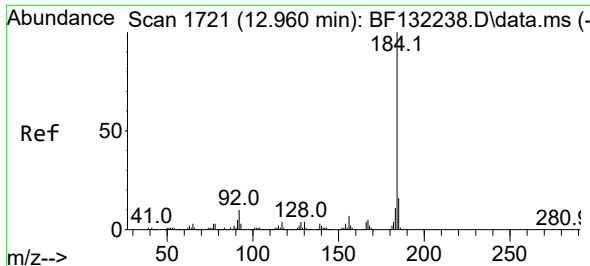


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



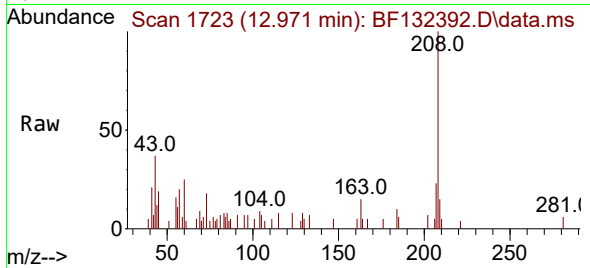
Tgt Ion:240 Resp: 392618
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.3 21.0 31.6





#77
Benzidine
Concen: 0.209 ng m
RT: 12.971 min Scan# 1736
Delta R.T. 0.041 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

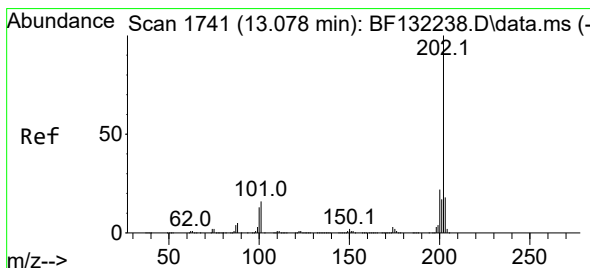
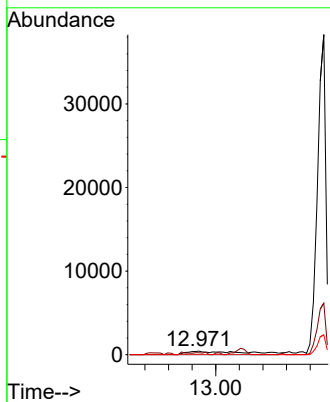
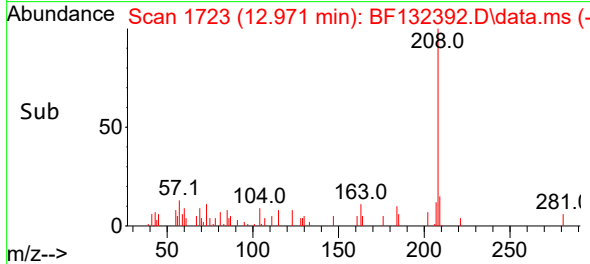
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:184 Resp: 286
Ion Ratio Lower Upper
184 100
185 54.2 12.6 18.8
183 0.0 8.9 13.3

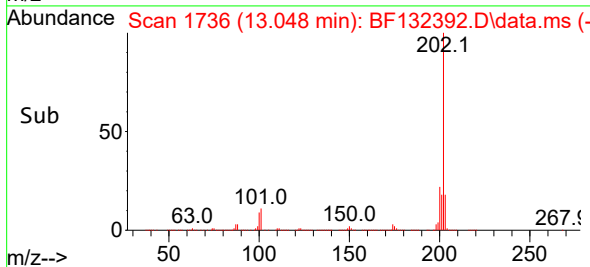
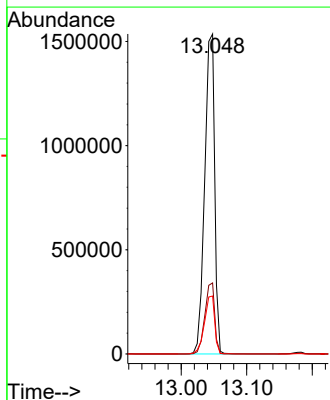
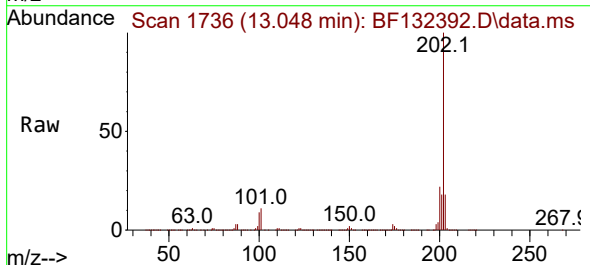
Manual Integrations
APPROVED

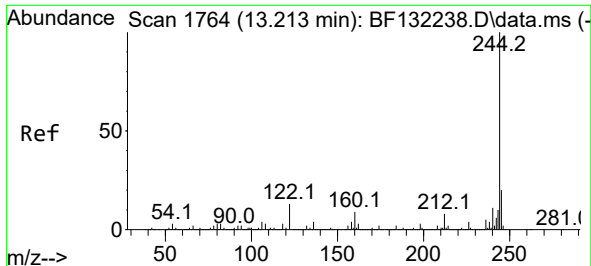
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#78
Pyrene
Concen: 51.570 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

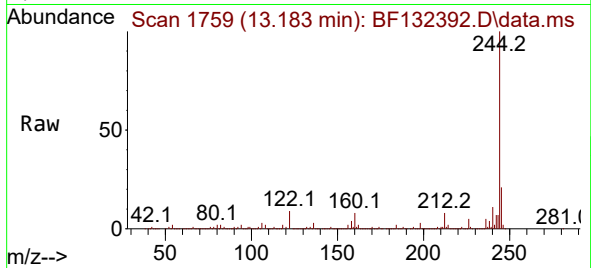
Tgt Ion:202 Resp: 1628500
Ion Ratio Lower Upper
202 100
200 22.2 17.3 25.9
203 18.1 14.4 21.6





#79
 Terphenyl-d14
 Concen: 113.135 ng
 RT: 13.183 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BF132392.D
 Acq: 10 Feb 2023 17:42

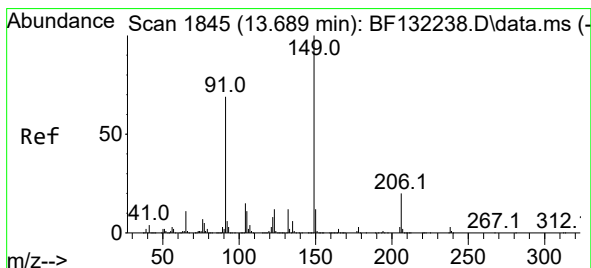
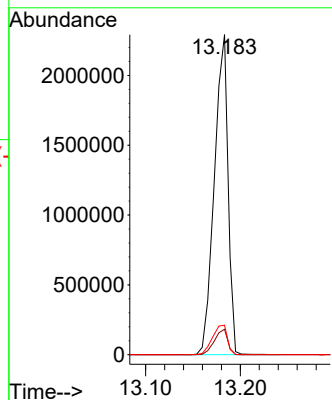
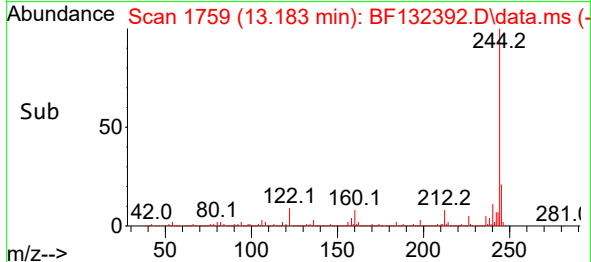
Instrument :
 BNA_F
 ClientSampleId :
 BARN-EAST-END-DRAINMS



Tgt Ion:244 Resp: 2296258
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 9.2 10.5 15.7

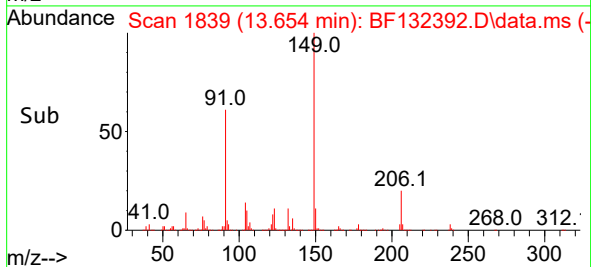
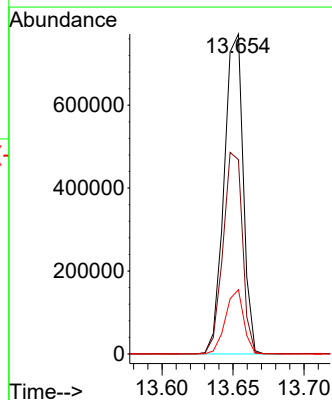
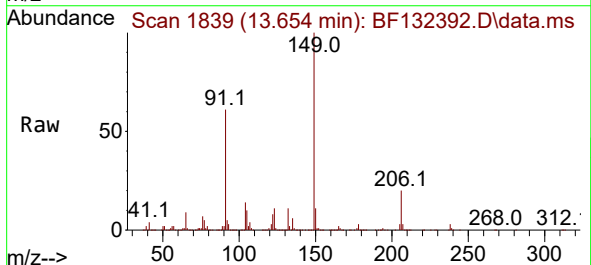
Manual Integrations
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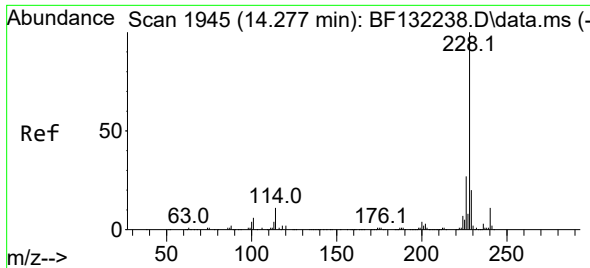
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#80
 Butylbenzylphthalate
 Concen: 51.729 ng
 RT: 13.654 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF132392.D
 Acq: 10 Feb 2023 17:42

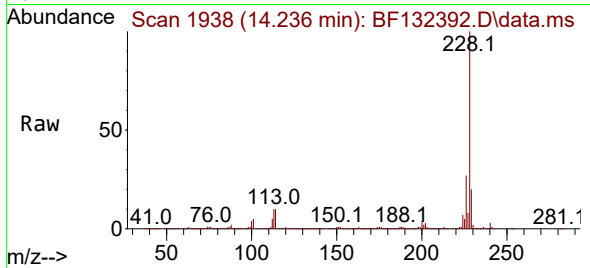
Tgt Ion:149 Resp: 721720
 Ion Ratio Lower Upper
 149 100
 91 60.7 55.0 82.6
 206 20.1 15.9 23.9





#81
Benzo(a)anthracene
Concen: 48.113 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

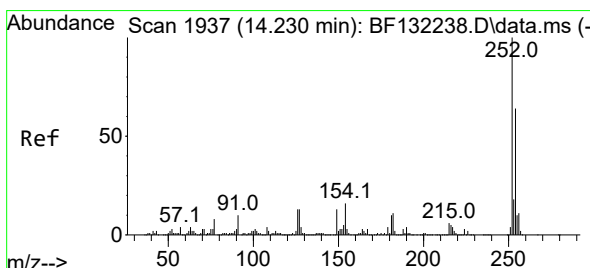
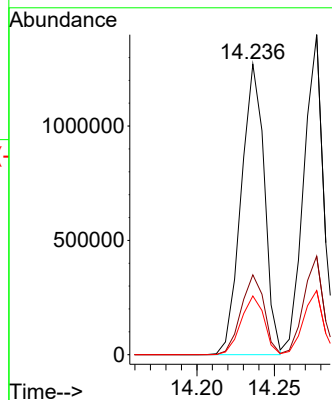
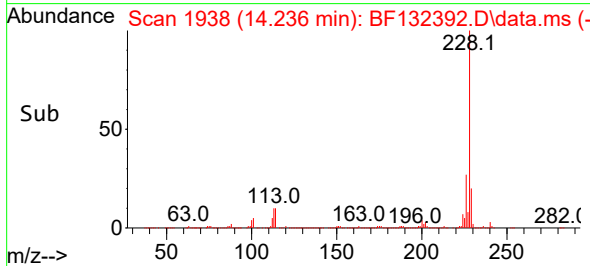
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



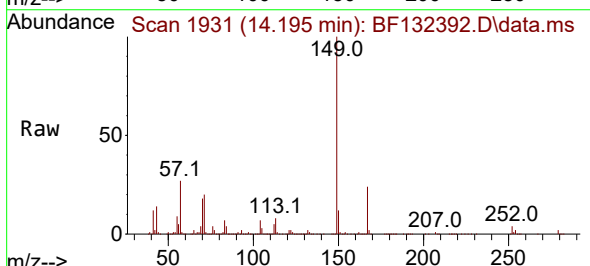
Tgt Ion:228 Resp: 132119
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 20.2 15.8 23.6

Manual Integrations
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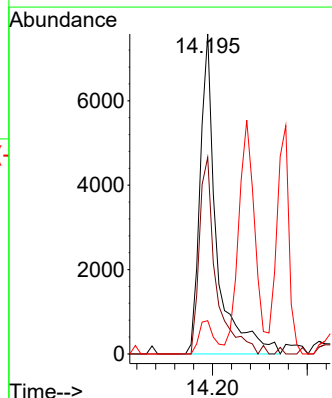
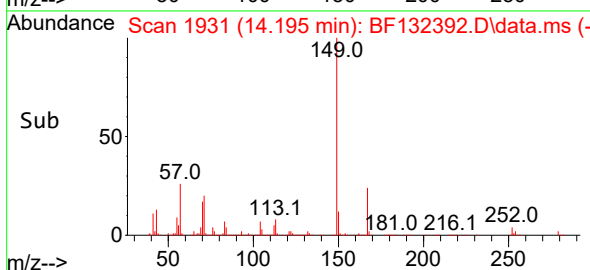
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

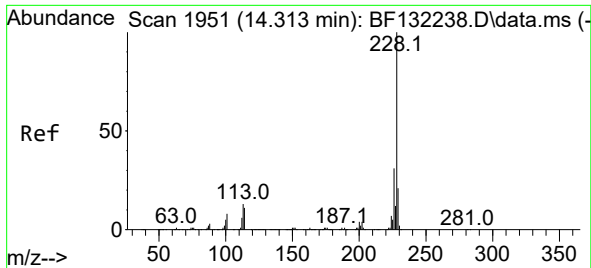


#82
3,3'-Dichlorobenzidine
Concen: 1.050 ng
RT: 14.195 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



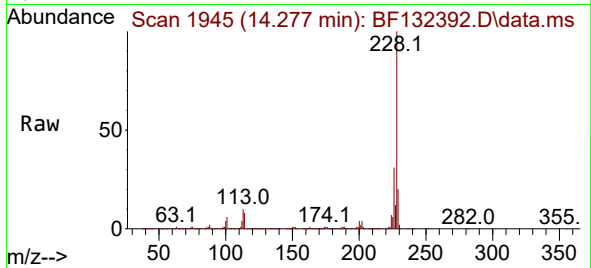
Tgt Ion:252 Resp: 9187
Ion Ratio Lower Upper
252 100
254 61.4 51.6 77.4
126 10.4 10.5 15.7#





#83
Chrysene
Concen: 47.574 ng
RT: 14.277 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

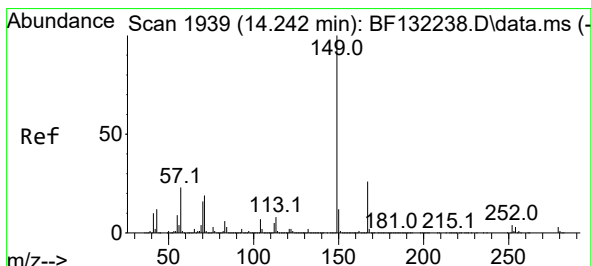
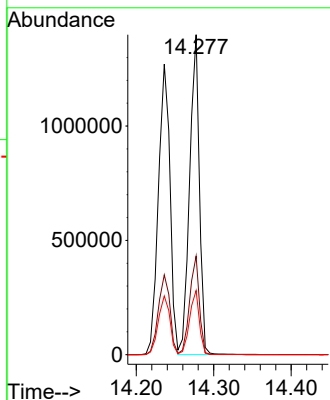
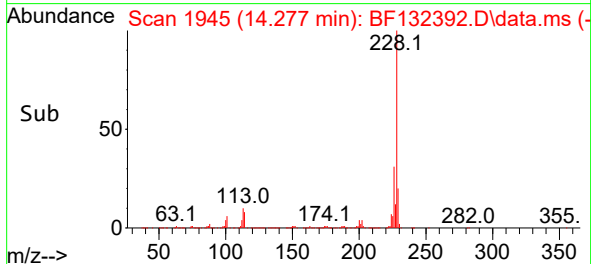
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



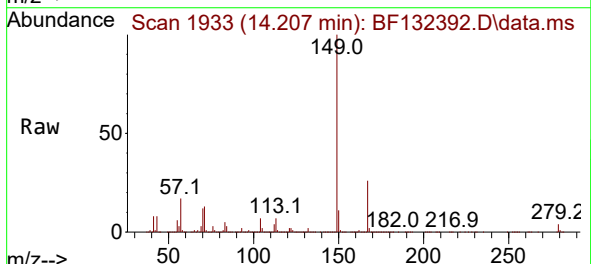
Tgt Ion:228 Resp: 1223280
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 20.1 16.4 24.6

Manual Integrations
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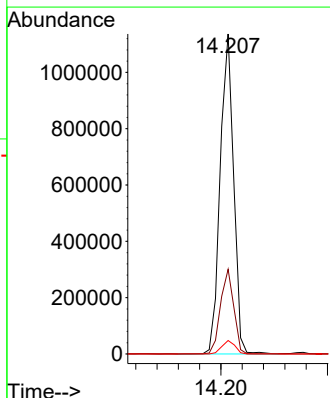
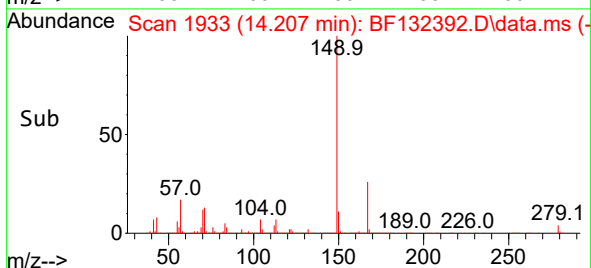
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

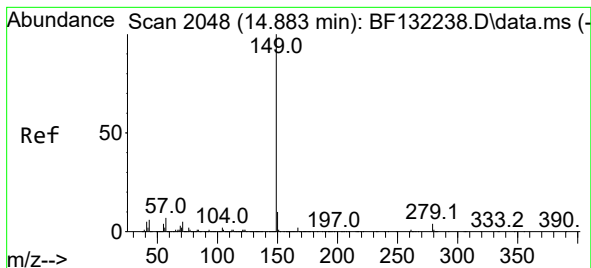


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.445 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42



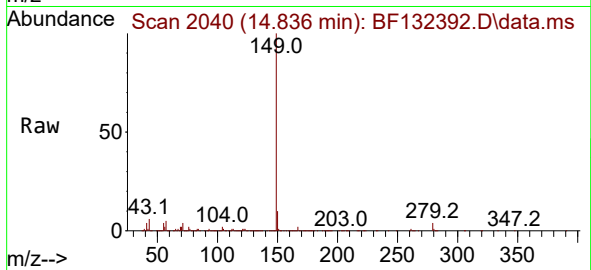
Tgt Ion:149 Resp: 989028
Ion Ratio Lower Upper
149 100
167 26.4 20.7 31.1
279 4.2 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 47.504 ng
RT: 14.836 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

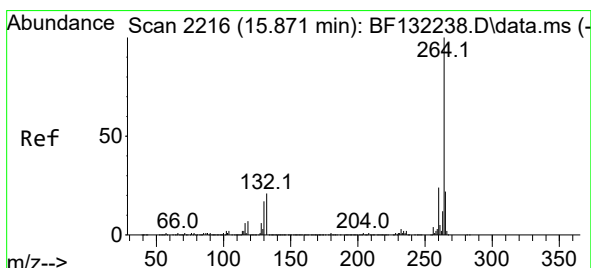
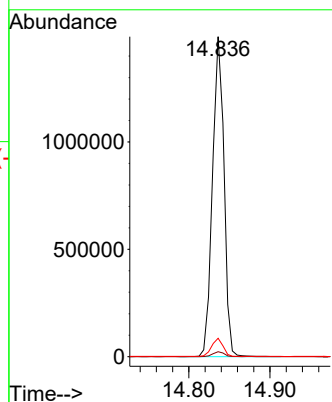
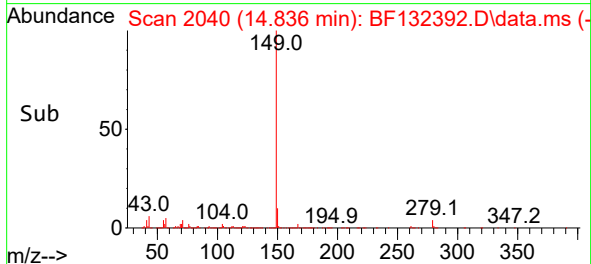
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:149 Resp: 1461180
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 5.6 5.9 8.9

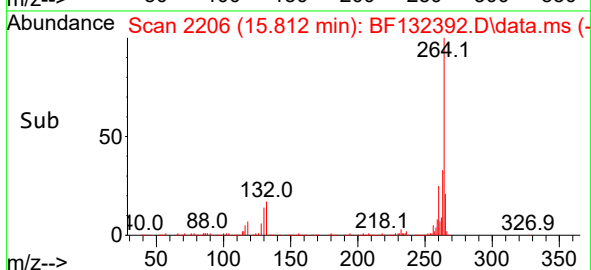
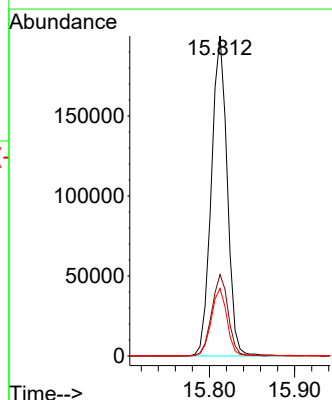
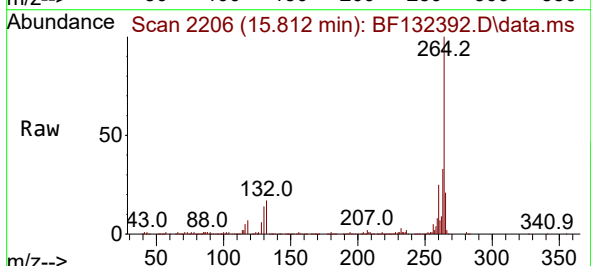
Manual Integrations
APPROVED

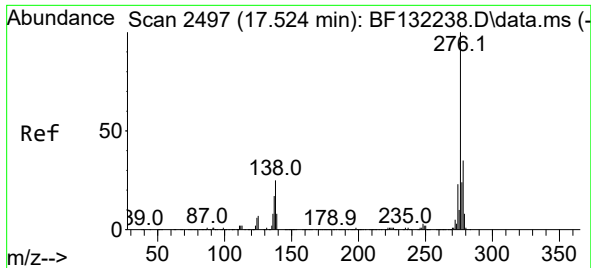
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.812 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

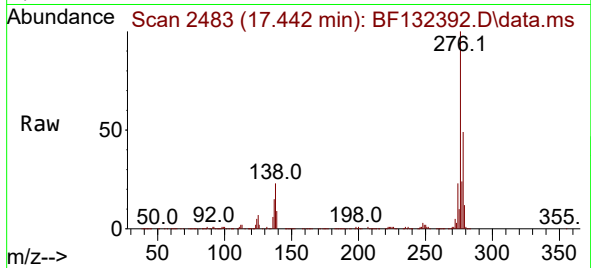
Tgt Ion:264 Resp: 258228
Ion Ratio Lower Upper
264 100
260 25.5 19.0 28.4
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 67.441 ng
RT: 17.442 min Scan# 2497
Delta R.T. -0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

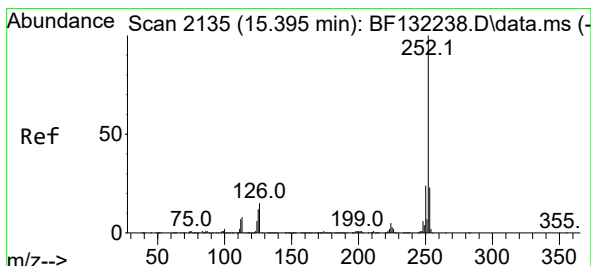
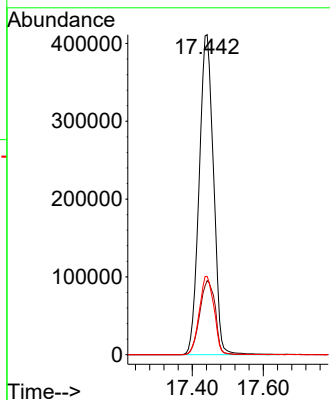
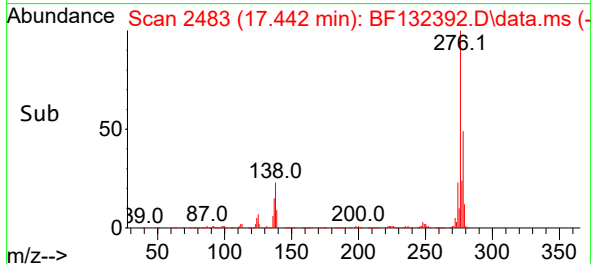
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:276 Resp: 115717
Ion Ratio Lower Upper
276 100
138 25.0 23.3 34.9
277 25.0 20.0 30.0

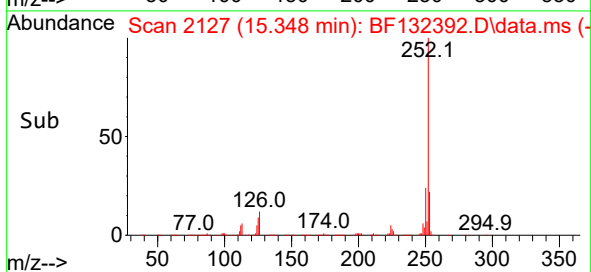
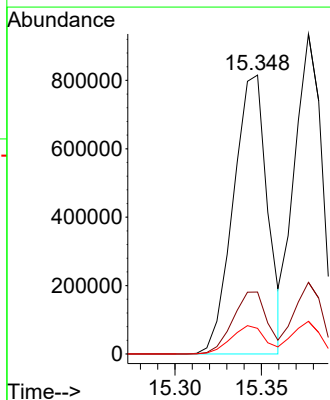
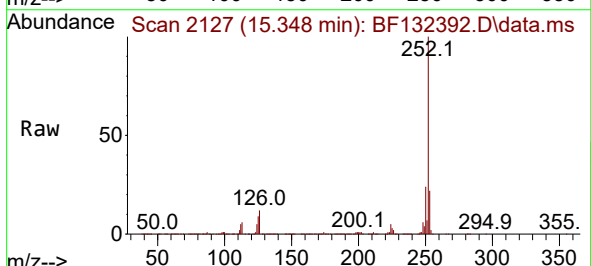
Manual Integrations
APPROVED

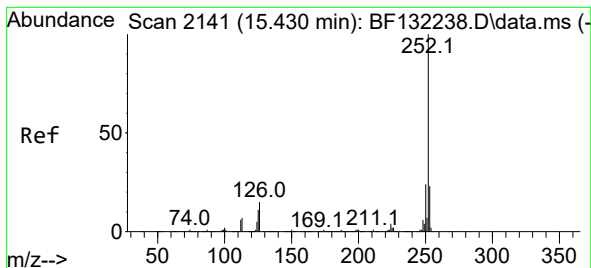
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#88
Benzo(b)fluoranthene
Concen: 68.522 ng m
RT: 15.348 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Tgt Ion:252 Resp: 1124731
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.2 9.6 14.4#





#89

Benzo(k)fluoranthene

Concen: 67.071 ng

RT: 15.377 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF132392.D

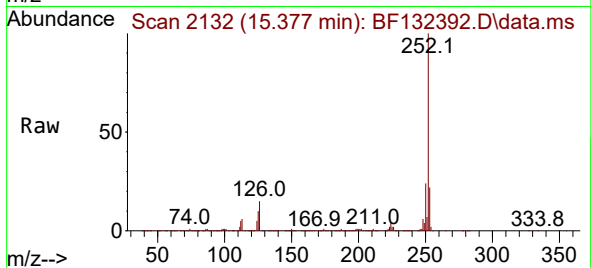
Acq: 10 Feb 2023 17:42

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMS



Tgt Ion:252 Resp: 1050850

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

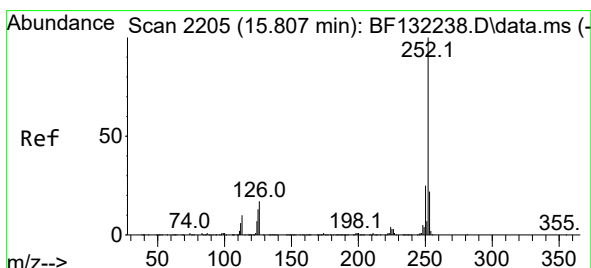
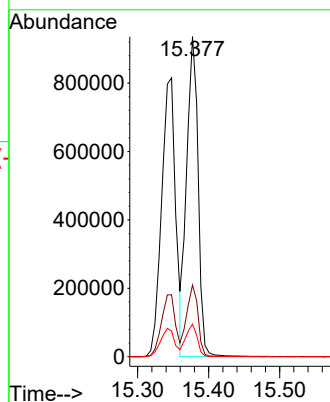
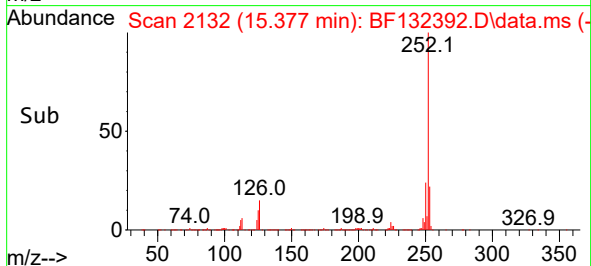
125 10.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#90

Benzo(a)pyrene

Concen: 58.933 ng

RT: 15.748 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF132392.D

Acq: 10 Feb 2023 17:42

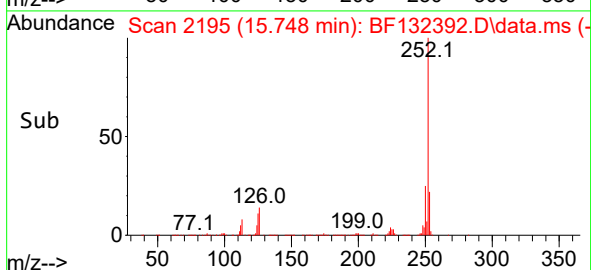
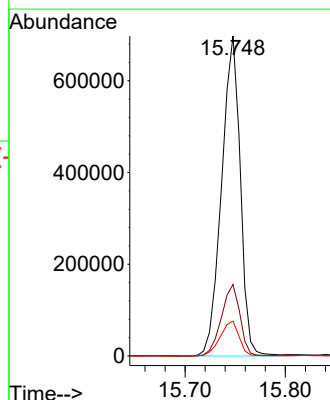
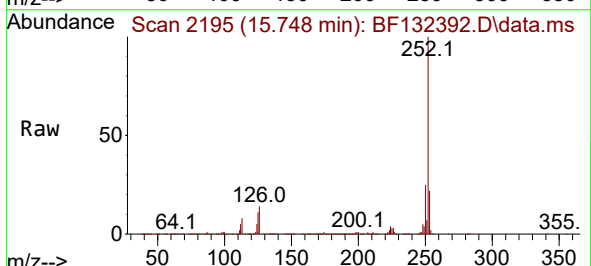
Tgt Ion:252 Resp: 900770

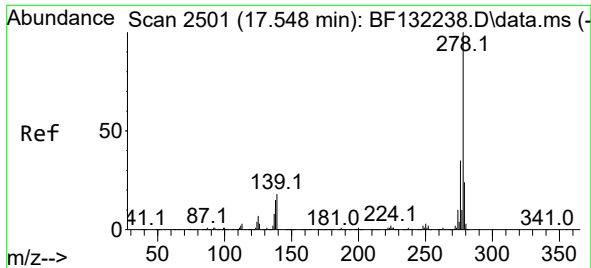
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

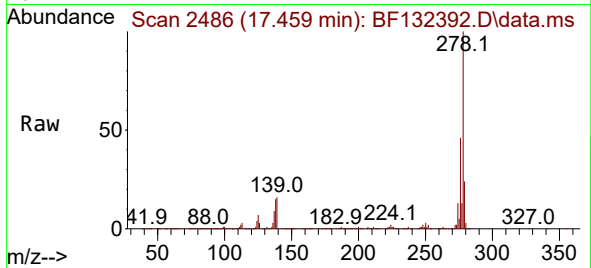
125 10.9 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 70.249 ng
RT: 17.459 min Scan# 2486
Delta R.T. -0.012 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

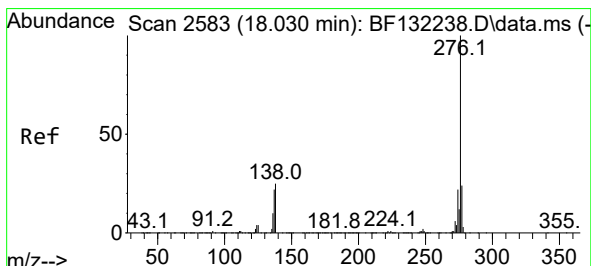
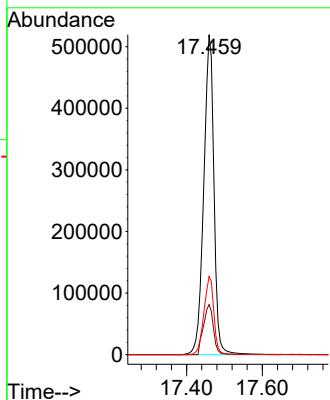
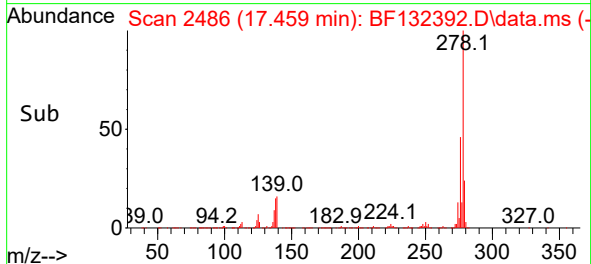
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS



Tgt Ion:278 Resp: 969090
Ion Ratio Lower Upper
278 100
139 15.6 14.2 21.2
279 24.5 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#92
Benzo(g,h,i)perylene
Concen: 65.437 ng
RT: 17.936 min Scan# 2567
Delta R.T. -0.018 min
Lab File: BF132392.D
Acq: 10 Feb 2023 17:42

Tgt Ion:276 Resp: 932585
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 21.3 20.3 30.5

