

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132393.D
 Acq On : 10 Feb 2023 18:16
 Operator : CG\JU
 Sample : 01489-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 10 23:47:04 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	7.043	152	191992	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	720595	20.000	ng	# 0.00
39) Acenaphthene-d10	10.095	164	364140	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	677689	20.000	ng	0.00
76) Chrysene-d12	14.248	240	416645	20.000	ng	0.00
86) Perylene-d12	15.813	264	289735	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1381531	115.665	ng	0.03
7) Phenol-d6	6.672	99	1603181	108.870	ng	0.00
23) Nitrobenzene-d5	7.607	82	1068199	82.491	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	584773	156.161	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1985590	84.205	ng	0.00
79) Terphenyl-d14	13.183	244	2373324	110.189	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	170999m	30.426	ng	
3) Pyridine	3.872	79	322979	21.183	ng	96
4) n-Nitrosodimethylamine	3.819	42	159255	32.643	ng	94
6) Aniline	6.748	93	130199m	6.516	ng	
8) 2-Chlorophenol	6.831	128	602386	48.694	ng	93
9) Benzaldehyde	6.596	77	253529	27.890	ng	94
10) Phenol	6.684	94	576269	37.809	ng	96
11) bis(2-Chloroethyl)ether	6.772	93	602436m	48.026	ng	
12) 1,3-Dichlorobenzene	6.984	146	605378	46.269	ng	98
13) 1,4-Dichlorobenzene	7.060	146	609092	46.637	ng	99
14) 1,2-Dichlorobenzene	7.213	146	591185	48.537	ng	97
15) Benzyl Alcohol	7.184	79	410887	38.240	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.313	45	472150	35.726	ng	91
17) 2-Methylphenol	7.290	107	455447	42.059	ng	99
18) Hexachloroethane	7.554	117	227236	46.380	ng	98
19) n-Nitroso-di-n-propyla...	7.454	70	320163	38.277	ng	96
20) 3+4-Methylphenols	7.443	107	542073	39.220	ng	# 82
22) Acetophenone	7.448	105	745963	44.019	ng	# 98
24) Nitrobenzene	7.631	77	537020	40.593	ng	# 88
25) Isophorone	7.866	82	1005759	40.921	ng	94
26) 2-Nitrophenol	7.943	139	327140	50.768	ng	# 89
27) 2,4-Dimethylphenol	7.972	122	530491	47.034	ng	99
28) bis(2-Chloroethoxy)met...	8.066	93	642653	42.549	ng	99
29) 2,4-Dichlorophenol	8.184	162	484337	48.367	ng	97
30) 1,2,4-Trichlorobenzene	8.266	180	533392	49.741	ng	98
31) Naphthalene	8.354	128	1584449	44.670	ng	100
32) Benzoic acid	8.101	122	401514	48.092	ng	91
33) 4-Chloroaniline	8.448	127	29820m	1.896	ng	
34) Hexachlorobutadiene	8.460	225	316744	52.542	ng	100
35) Caprolactam	8.778	113	144134m	42.221	ng	
36) 4-Chloro-3-methylphenol	8.878	107	505768	46.882	ng	95
37) 2-Methylnaphthalene	9.042	142	1077076	44.830	ng	99
38) 1-Methylnaphthalene	9.142	142	1002019	44.878	ng	99
40) 1,2,4,5-Tetrachloroben...	9.207	216	511640	49.929	ng	99
41) Hexachlorocyclopentadiene	9.195	237	718034	120.101	ng	99
43) 2,4,6-Trichlorophenol	9.319	196	360137	49.165	ng	98

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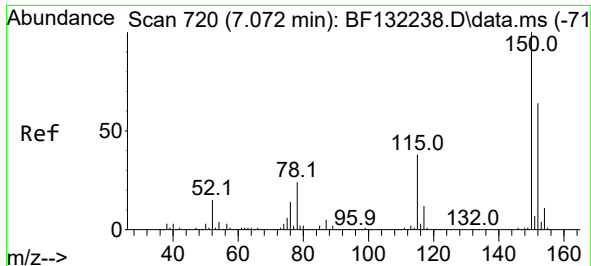
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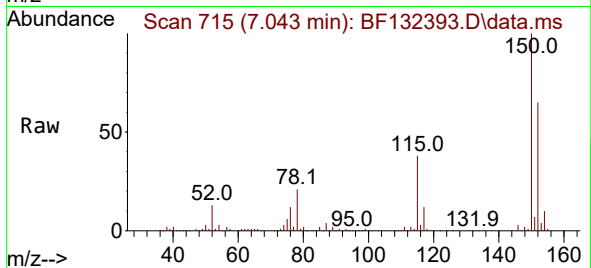
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	384465	45.601	ng	98
46) 1,1'-Biphenyl	9.507	154	1291048	45.989	ng	97
47) 2-Chloronaphthalene	9.537	162	1025797	47.975	ng	98
48) 2-Nitroaniline	9.631	65	245569	38.617	ng	# 82
49) Acenaphthylene	9.954	152	1588824	45.530	ng	100
50) Dimethylphthalate	9.807	163	1297333	50.932	ng	98
51) 2,6-Dinitrotoluene	9.872	165	281922	49.557	ng	88
52) Acenaphthene	10.131	154	1156729	52.946	ng	100
53) 3-Nitroaniline	10.042	138	53089	7.695	ng	91
54) 2,4-Dinitrophenol	10.154	184	353701	105.785	ng	# 87
55) Dibenzofuran	10.301	168	1384982	45.119	ng	99
56) 4-Nitrophenol	10.201	139	421995	81.287	ng	93
57) 2,4-Dinitrotoluene	10.284	165	372602	50.421	ng	# 79
58) Fluorene	10.648	166	902202	38.190	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.413	232	298779	48.610	ng	97
60) Diethylphthalate	10.513	149	1127296	44.488	ng	98
61) 4-Chlorophenyl-phenyle...	10.631	204	480335	42.843	ng	96
62) 4-Nitroaniline	10.666	138	163387	24.697	ng	93
63) Azobenzene	10.795	77	828889	33.582	ng	92
65) 4,6-Dinitro-2-methylph...	10.689	198	186356	48.451	ng	93
66) n-Nitrosodiphenylamine	10.754	169	632020	29.783	ng	99
67) 4-Bromophenyl-phenylether	11.125	248	276435	39.835	ng	95
68) Hexachlorobenzene	11.195	284	353873	47.710	ng	93
69) Atrazine	11.272	200	126499	20.725	ng	97
70) Pentachlorophenol	11.389	266	442841	86.895	ng	100
71) Phenanthrene	11.619	178	1621997	45.802	ng	100
72) Anthracene	11.672	178	1647909	45.725	ng	99
73) Carbazole	11.819	167	1075625	33.286	ng	100
74) Di-n-butylphthalate	12.142	149	1829991	47.901	ng	100
75) Fluoranthene	12.813	202	1633049	45.189	ng	97
77) Benzidine	12.942	184	15040m	1.033	ng	
78) Pyrene	13.048	202	1684166	50.257	ng	99
80) Butylbenzylphthalate	13.654	149	761118	51.407	ng	92
81) Benzo(a)anthracene	14.236	228	1393165	47.808	ng	99
82) 3,3'-Dichlorobenzidine	14.195	252	36752	3.960	ng	# 97
83) Chrysene	14.277	228	1287058	47.168	ng	100
84) Bis(2-ethylhexyl)phtha...	14.207	149	1041803	52.058	ng	# 99
85) Di-n-octyl phthalate	14.836	149	1590069	48.713	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.442	276	1163052	60.413	ng	95
88) Benzo(b)fluoranthene	15.342	252	1136393	61.704	ng	98
89) Benzo(k)fluoranthene	15.377	252	1090183	62.015	ng	99
90) Benzo(a)pyrene	15.748	252	912773	53.224	ng	98
91) Dibenzo(a,h)anthracene	17.460	278	964668	62.324	ng	98
92) Benzo(g,h,i)perylene	17.942	276	947358	59.245	ng	# 94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.043 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

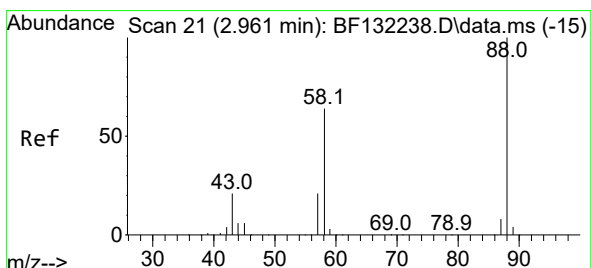
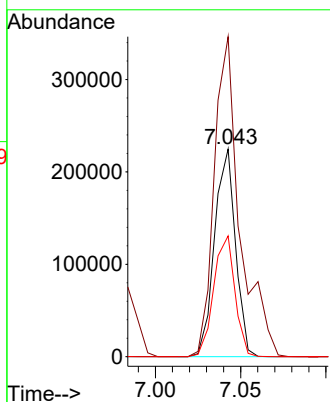
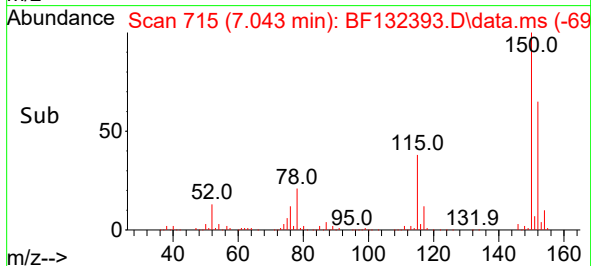
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:152 Resp: 191992
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.2
115 58.1 47.3 70.9

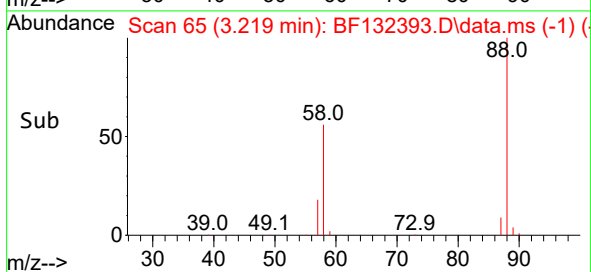
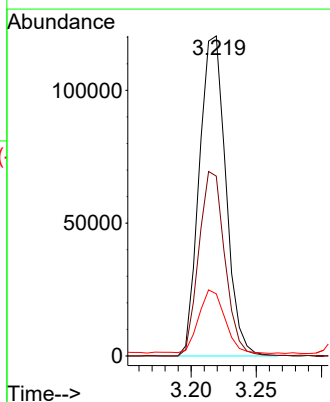
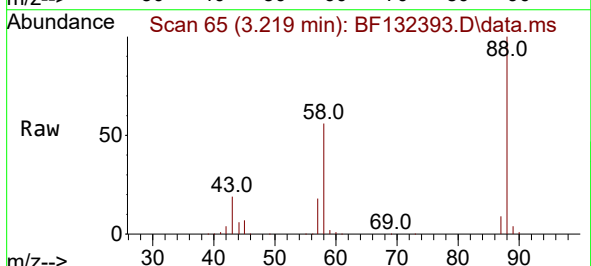
Manual Integrations
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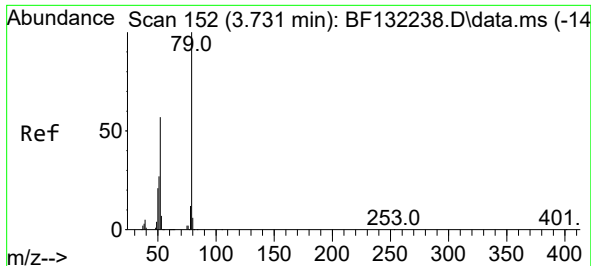
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#2
1,4-Dioxane
Concen: 30.426 ng m
RT: 3.219 min Scan# 65
Delta R.T. 0.288 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

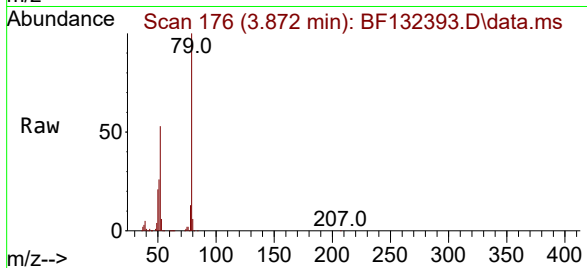
Tgt Ion: 88 Resp: 170999
Ion Ratio Lower Upper
88 100
58 0.0 50.2 75.2#
43 0.0 16.9 25.3#





#3
Pyridine
Concen: 21.183 ng
RT: 3.872 min Scan# 11
Delta R.T. 0.171 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

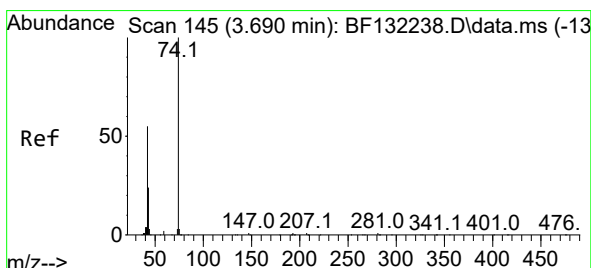
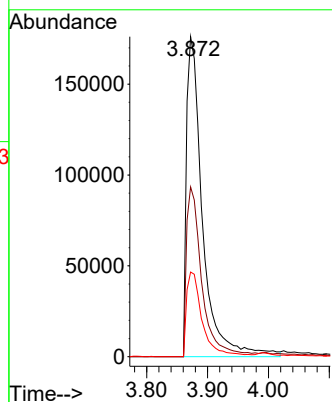
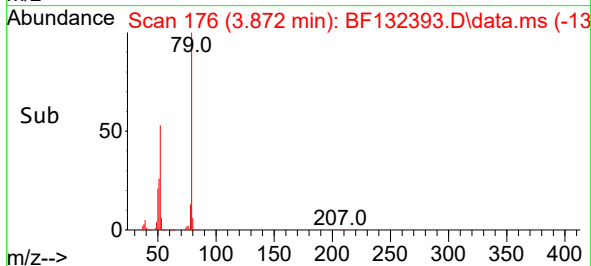
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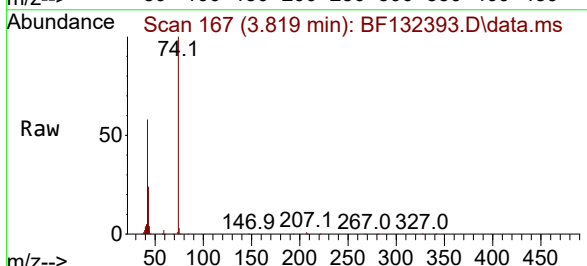
Tgt Ion: 79 Resp: 322979
Ion Ratio Lower Upper
79 100
52 53.1 45.6 68.4
51 26.5 21.5 32.3

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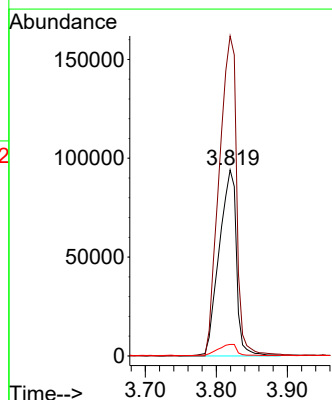
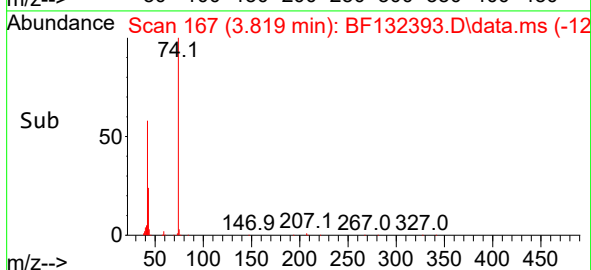
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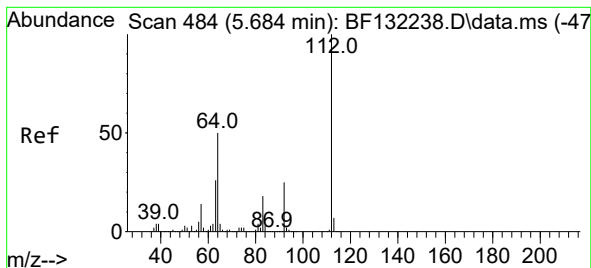


#4
n-Nitrosodimethylamine
Concen: 32.643 ng
RT: 3.819 min Scan# 167
Delta R.T. 0.153 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



Tgt Ion: 42 Resp: 159255
Ion Ratio Lower Upper
42 100
74 172.0 144.6 217.0
44 6.2 5.1 7.7





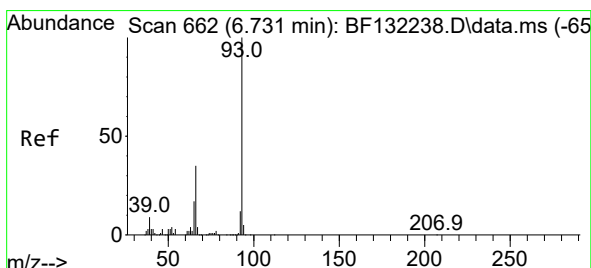
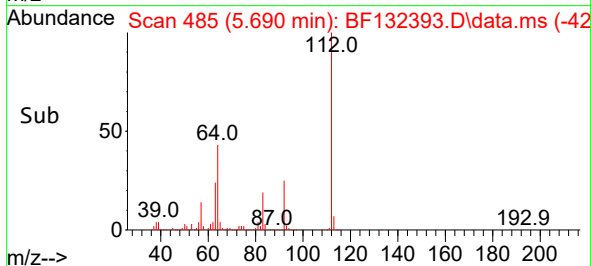
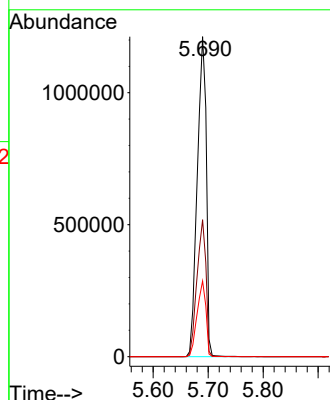
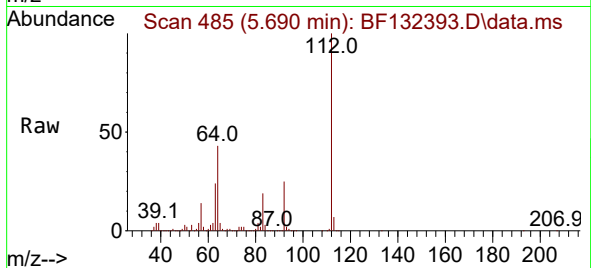
#5
2-Fluorophenol
Concen: 115.665 ng
RT: 5.690 min Scan# 484
Delta R.T. 0.030 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

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ClientSampleId :
BARN-EAST-END-DRAINMSD

Tgt Ion: 112 Resp: 138153
Ion Ratio Lower Upper
112 100
64 42.8 40.0 60.0
63 23.7 20.5 30.7

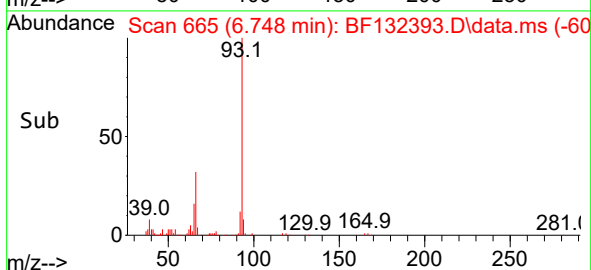
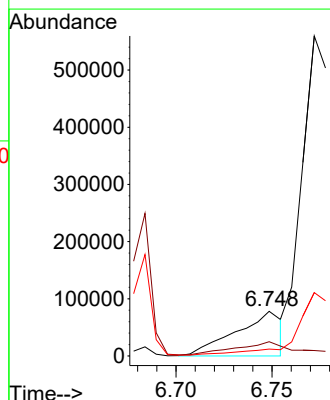
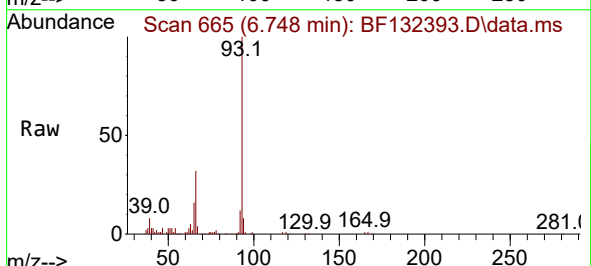
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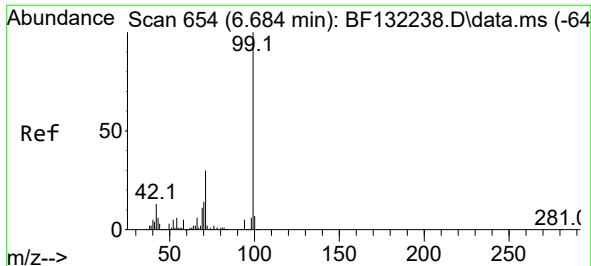
Reviewed By :Christian Giraldo 02/13/2023
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#6
Aniline
Concen: 6.516 ng m
RT: 6.748 min Scan# 665
Delta R.T. 0.035 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

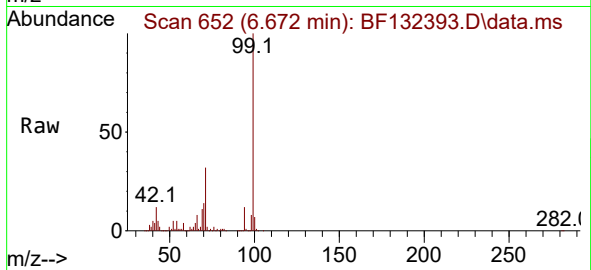
Tgt Ion: 93 Resp: 130199
Ion Ratio Lower Upper
93 100
66 31.8 28.8 43.2
65 15.5 14.2 21.4





#7
Phenol-d6
Concen: 108.870 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

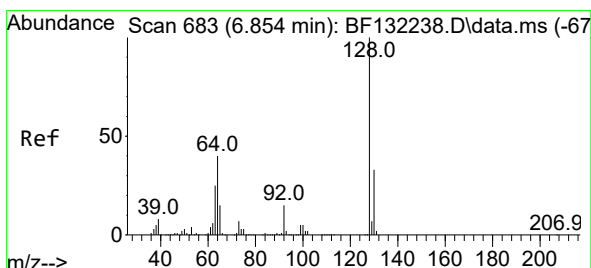
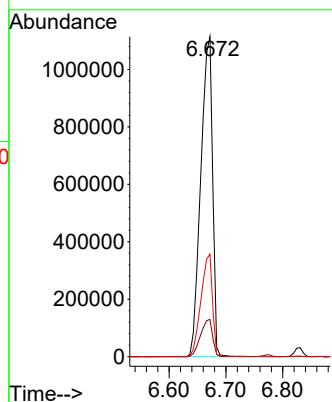
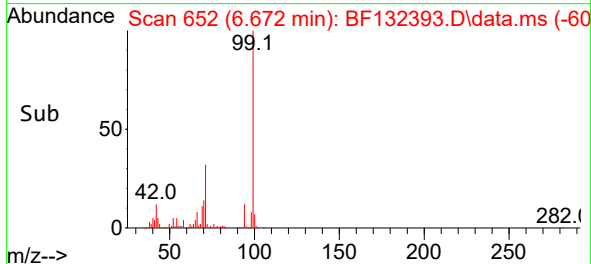
Instrument :
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Tgt Ion: 99 Resp: 160318
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 32.0 24.2 36.4

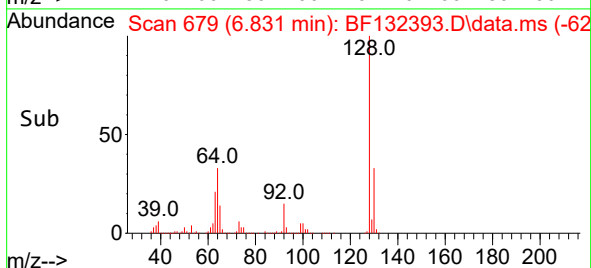
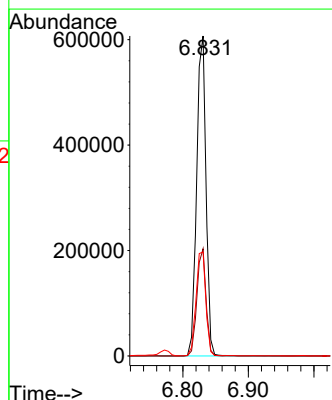
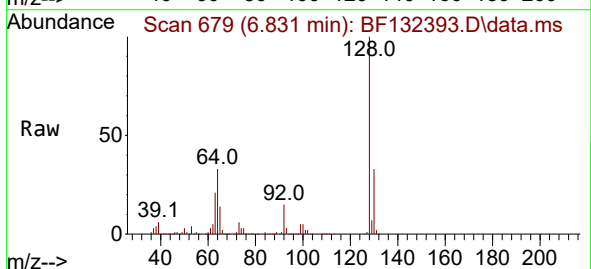
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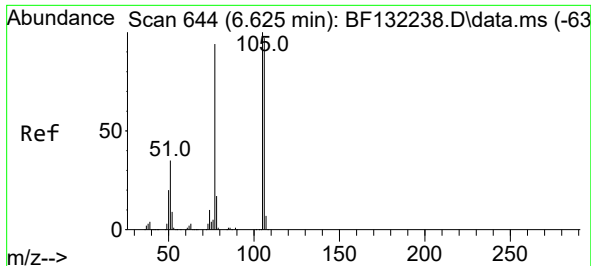
Reviewed By :Christian Giraldo 02/13/2023
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#8
2-Chlorophenol
Concen: 48.694 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

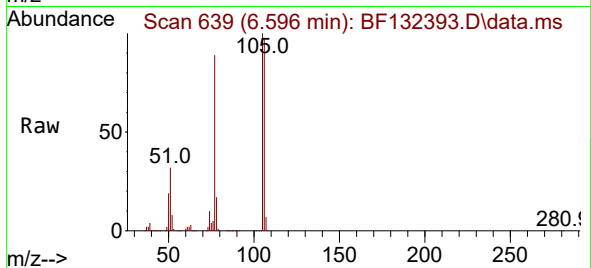
Tgt Ion:128 Resp: 602386
Ion Ratio Lower Upper
128 100
130 33.5 13.3 53.3
64 32.5 20.1 60.1





#9
Benzaldehyde
Concen: 27.890 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

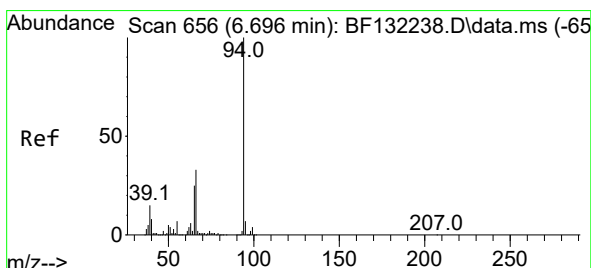
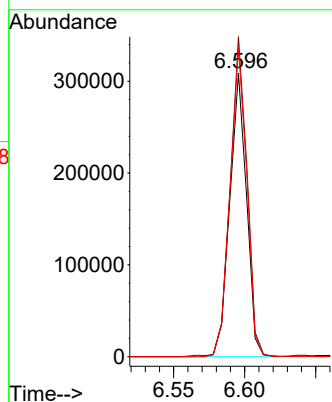
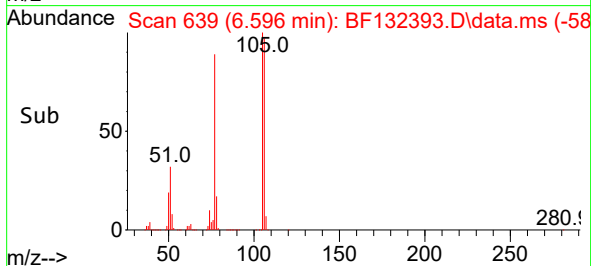
Instrument :
BNA_F
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BARN-EAST-END-DRAINMSD



Tgt Ion: 77 Resp: 253529
Ion Ratio Lower Upper
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105 112.9 86.8 126.8
106 109.1 83.8 123.8

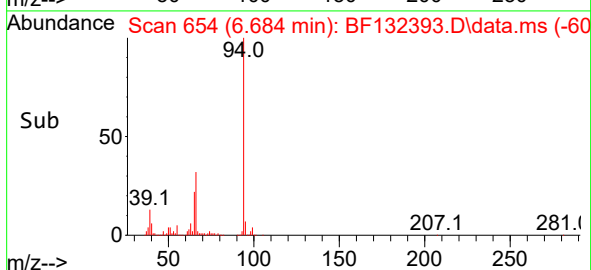
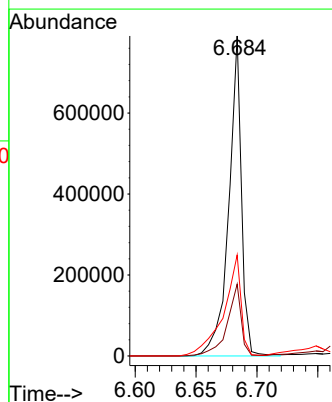
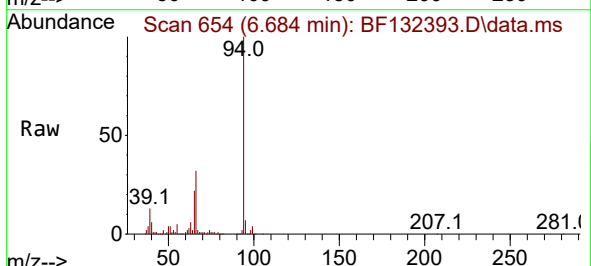
Manual Integrations
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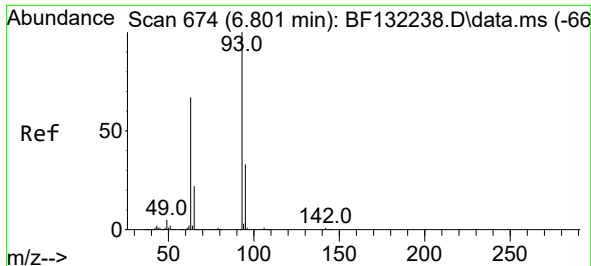
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#10
Phenol
Concen: 37.809 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

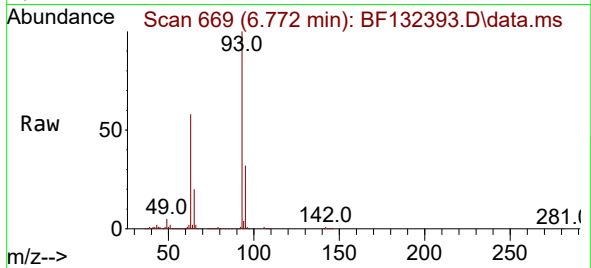
Tgt Ion: 94 Resp: 576269
Ion Ratio Lower Upper
94 100
65 22.5 5.1 45.1
66 31.6 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 48.026 ng m
RT: 6.772 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

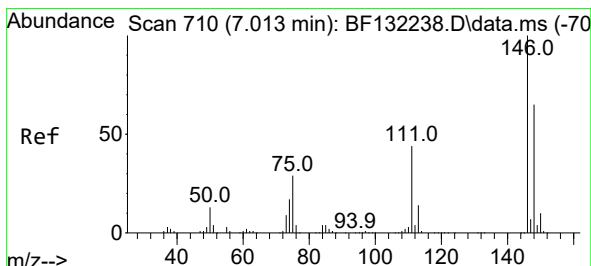
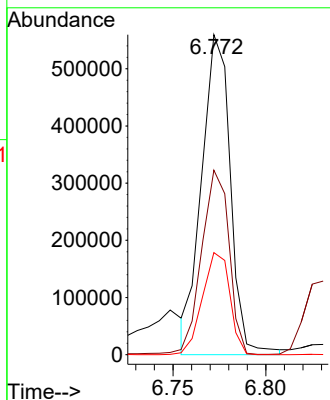
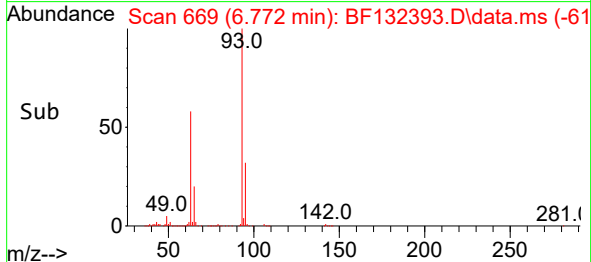
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



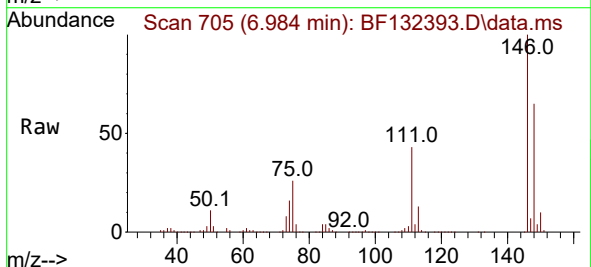
Tgt Ion: 93 Resp: 602430
Ion Ratio Lower Upper
93 100
63 57.6 46.7 86.7
95 31.9 13.4 53.4

Manual Integrations
APPROVED

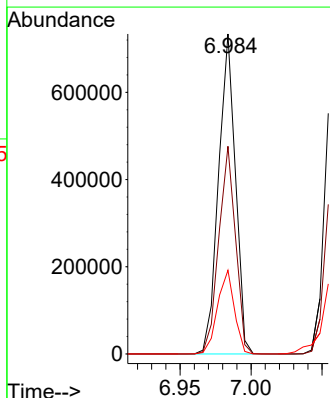
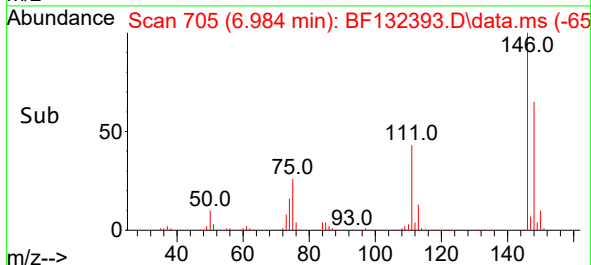
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

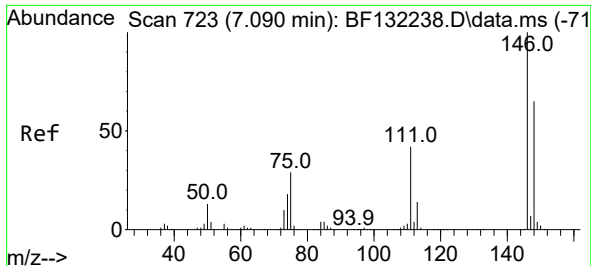


#12
1,3-Dichlorobenzene
Concen: 46.269 ng
RT: 6.984 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



Tgt Ion:146 Resp: 605378
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 26.1 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 46.637 ng

RT: 7.060 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132393.D

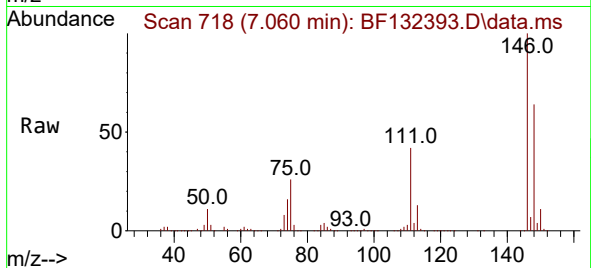
Acq: 10 Feb 2023 18:16

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMSD



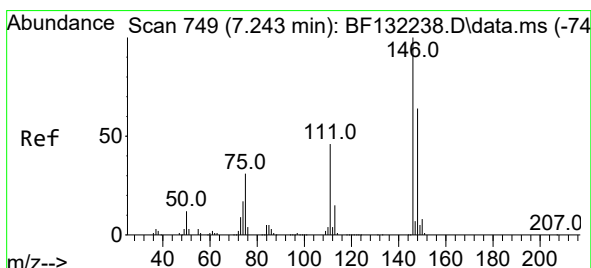
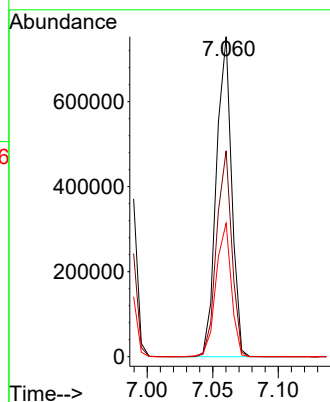
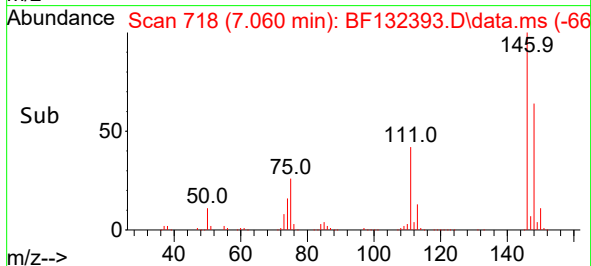
Tgt Ion:146 Resp: 609092

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.4	78.6
111	41.7	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: 48.537 ng

RT: 7.213 min Scan# 744

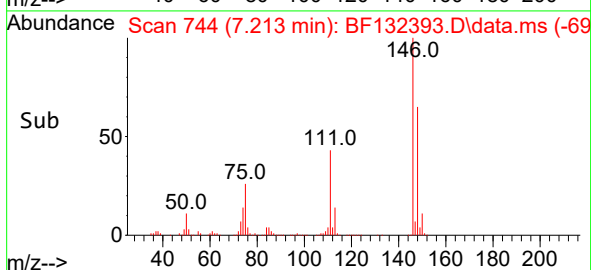
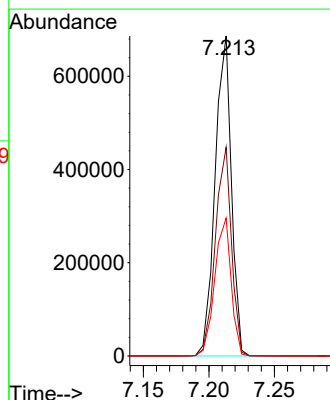
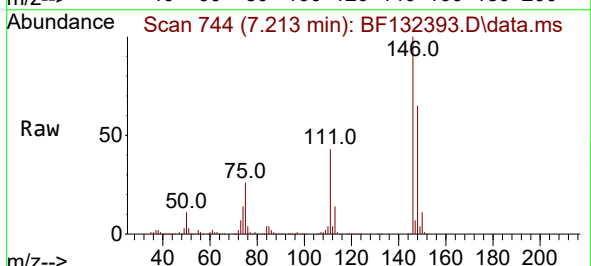
Delta R.T. -0.006 min

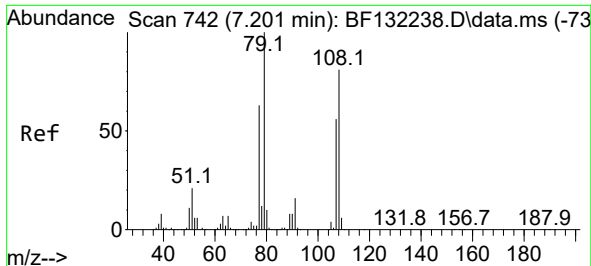
Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

Tgt Ion:146 Resp: 591185

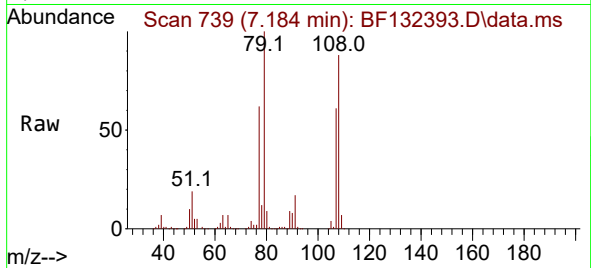
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
111	43.1	37.1	55.7





#15
Benzyl Alcohol
Concen: 38.240 ng
RT: 7.184 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

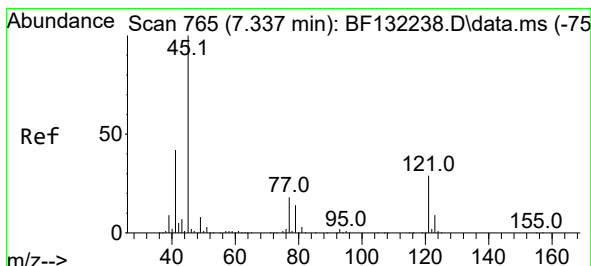
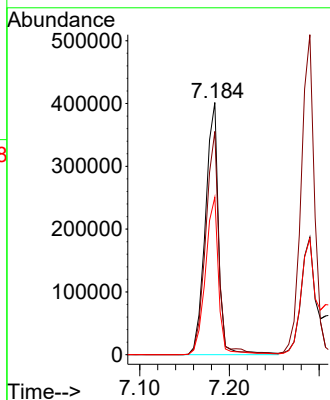
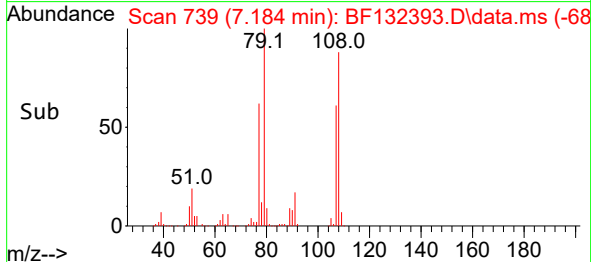
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion: 79 Resp: 41088
Ion Ratio Lower Upper
79 100
108 88.5 64.6 97.0
77 62.4 50.1 75.1

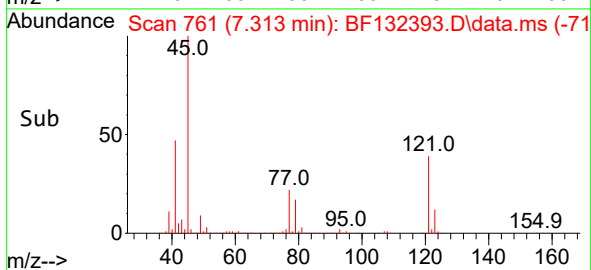
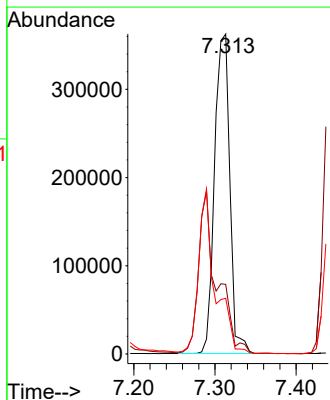
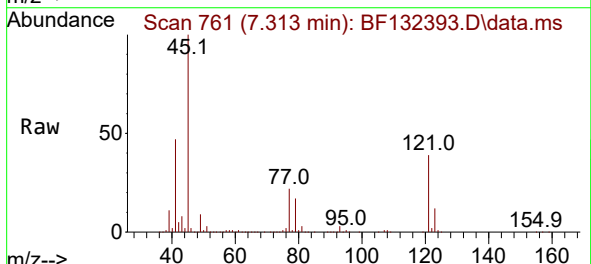
Manual Integrations
APPROVED

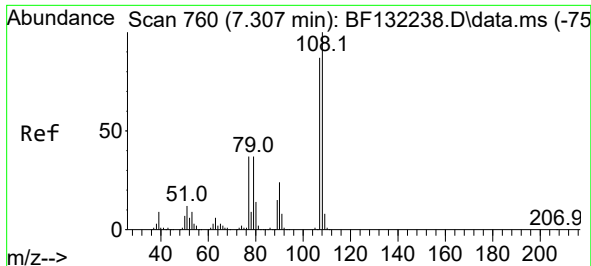
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.726 ng
RT: 7.313 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

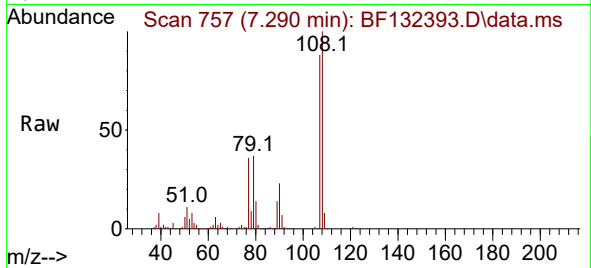
Tgt Ion: 45 Resp: 472150
Ion Ratio Lower Upper
45 100
77 21.8 0.0 38.0
79 17.4 0.0 33.8





#17
2-Methylphenol
Concen: 42.059 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

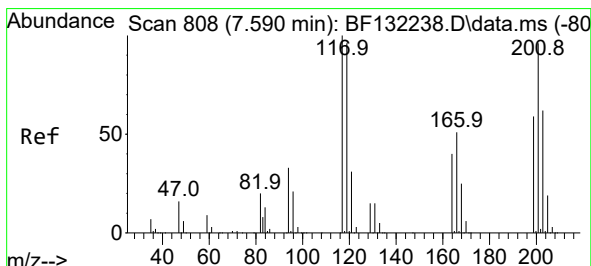
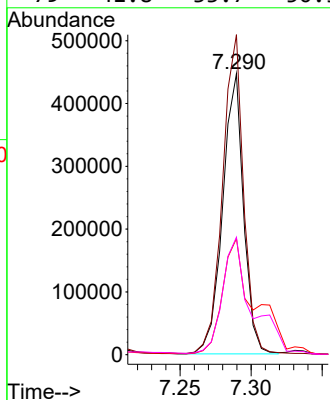
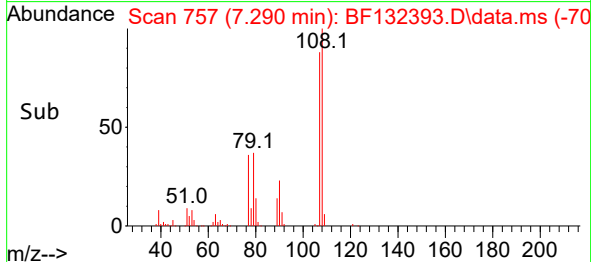
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:	107	Resp:	45544
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.8	137.6
77	41.3	34.2	51.2
79	41.8	33.7	50.5

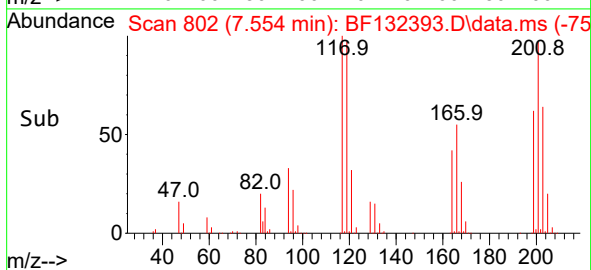
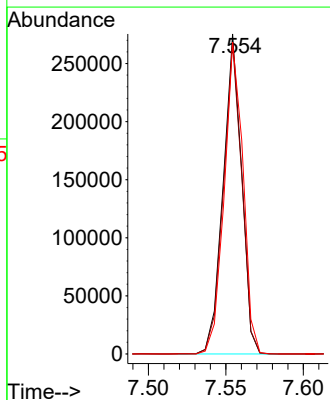
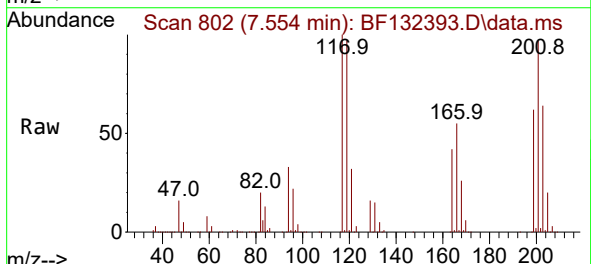
Manual Integrations
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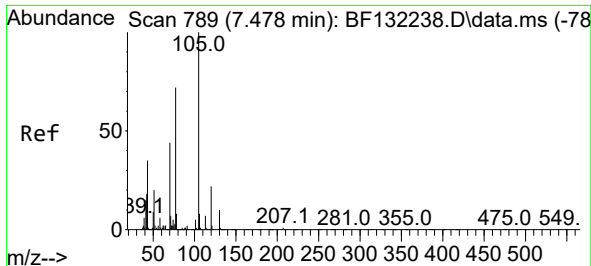
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#18
Hexachloroethane
Concen: 46.380 ng
RT: 7.554 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

Tgt Ion:	117	Resp:	227236
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.7	115.1
201	97.4	76.6	114.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.277 ng

RT: 7.454 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF132393.D

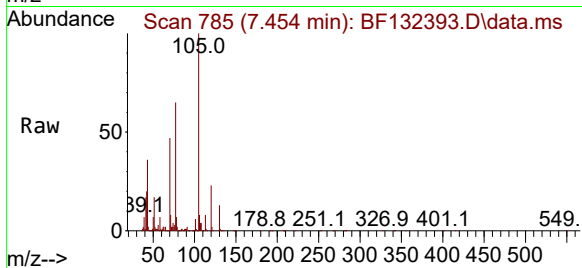
Acq: 10 Feb 2023 18:16

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMSD



Tgt Ion: 70 Resp: 32016

Ion Ratio Lower Upper

70 100

42 42.8 33.4 50.0

101 12.1 8.2 12.4

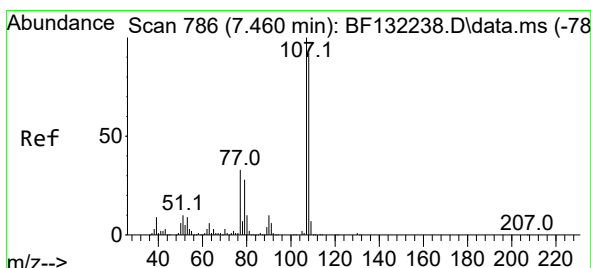
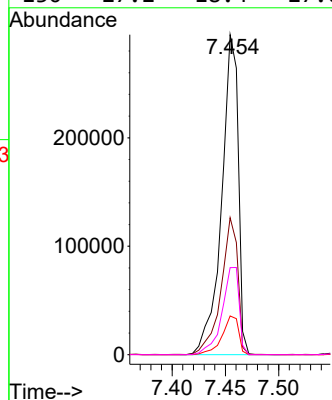
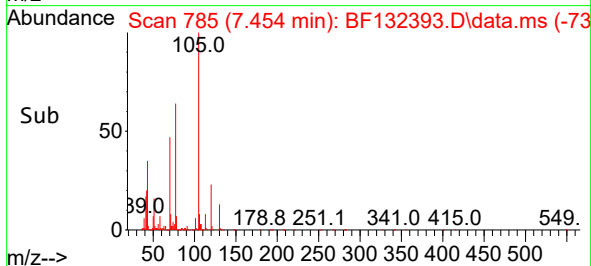
130 27.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#20

3+4-Methylphenols

Concen: 39.220 ng

RT: 7.443 min Scan# 783

Delta R.T. 0.000 min

Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

Tgt Ion:107 Resp: 542073

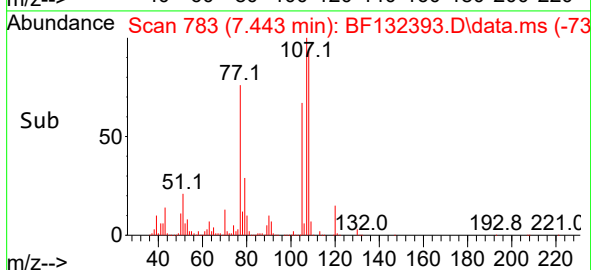
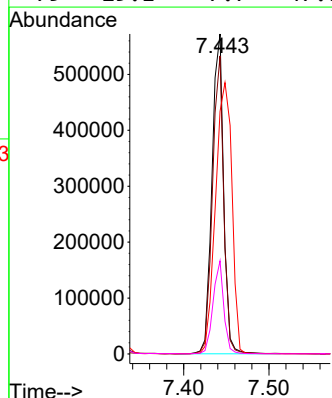
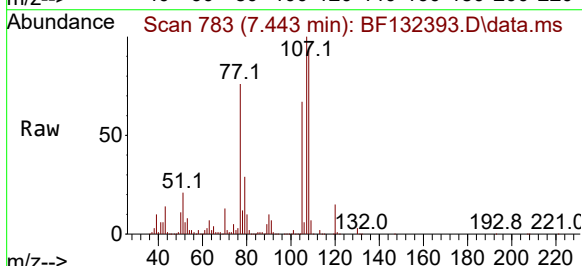
Ion Ratio Lower Upper

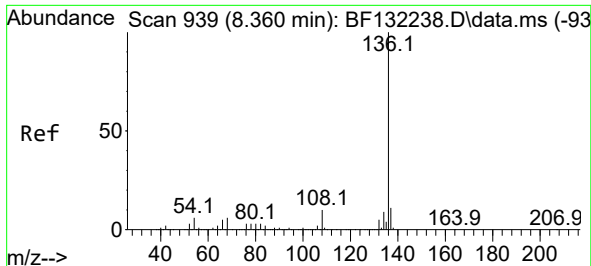
107 100

108 93.1 71.6 111.6

77 75.8 13.4 53.4#

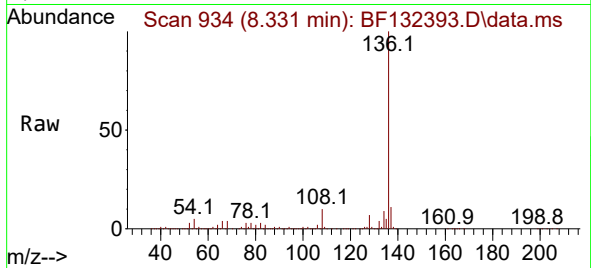
79 29.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

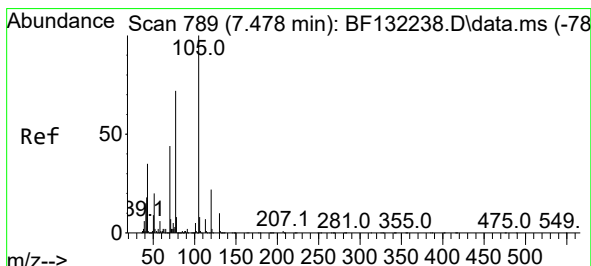
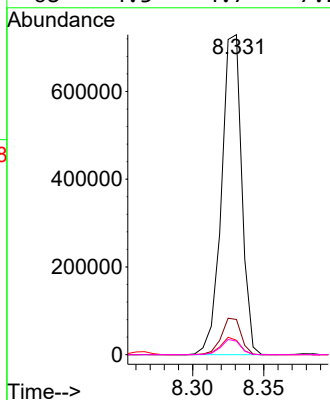
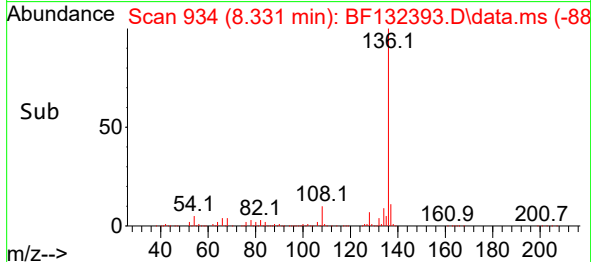
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:136 Resp: 720599
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 4.5 4.9 7.3
68 4.3 4.7 7.1

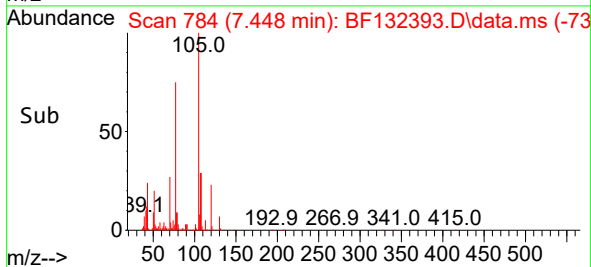
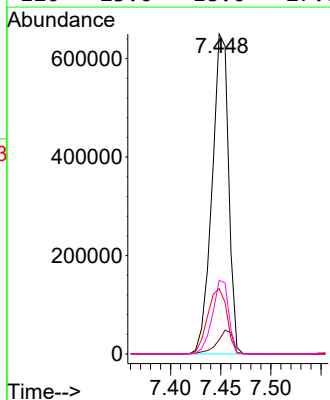
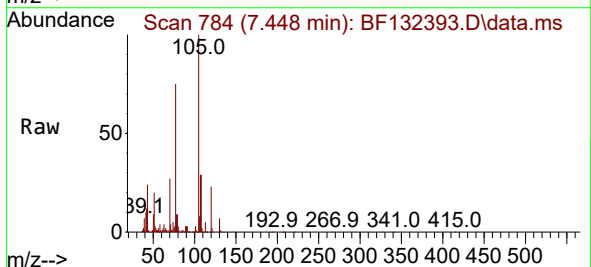
Manual Integrations
APPROVED

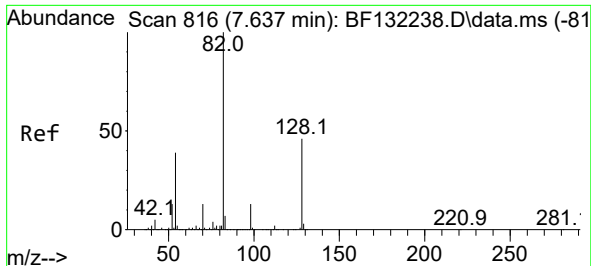
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#22
Acetophenone
Concen: 44.019 ng
RT: 7.448 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

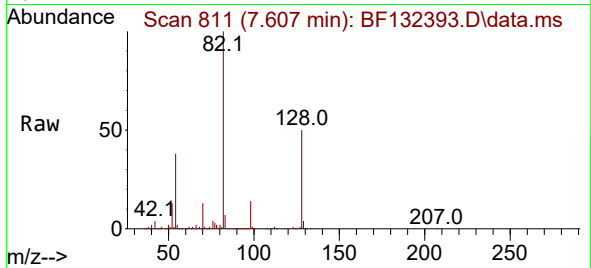
Tgt Ion:105 Resp: 745963
Ion Ratio Lower Upper
105 100
71 4.4 5.8 8.6
51 20.4 16.2 24.2
120 23.0 18.0 27.0





#23
Nitrobenzene-d5
Concen: 82.491 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

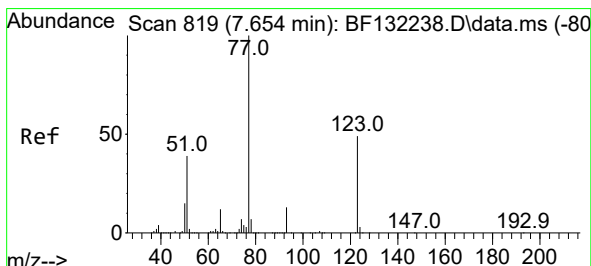
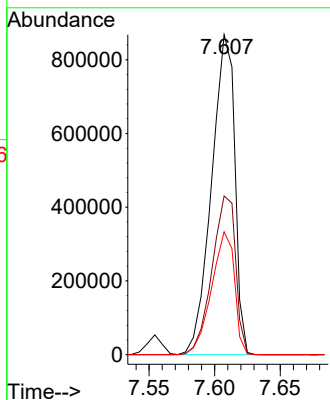
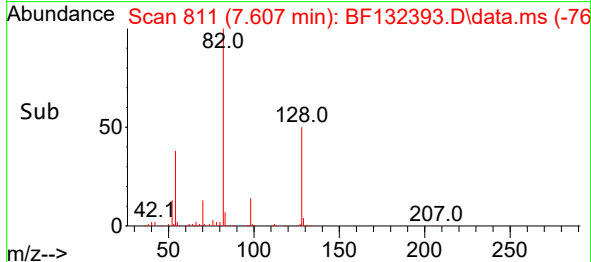
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion: 82 Resp: 1068199
Ion Ratio Lower Upper
82 100
128 49.6 37.0 55.4
54 38.4 31.5 47.3

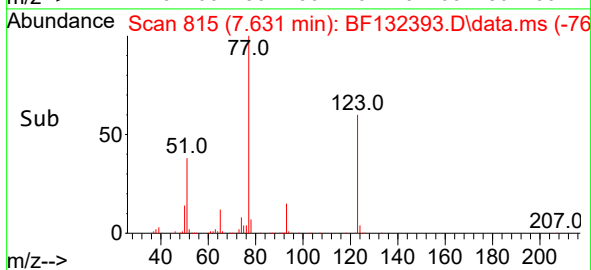
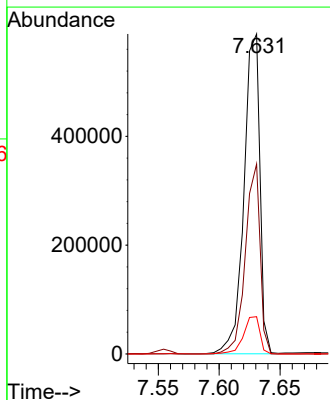
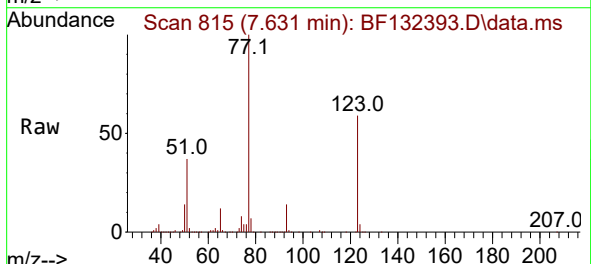
Manual Integrations
APPROVED

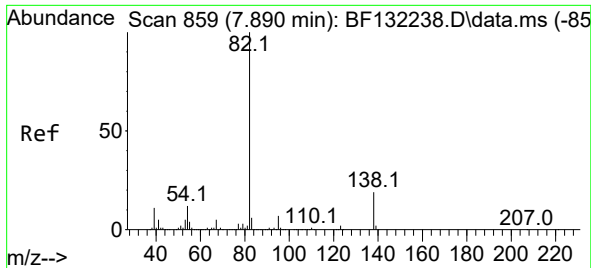
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#24
Nitrobenzene
Concen: 40.593 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

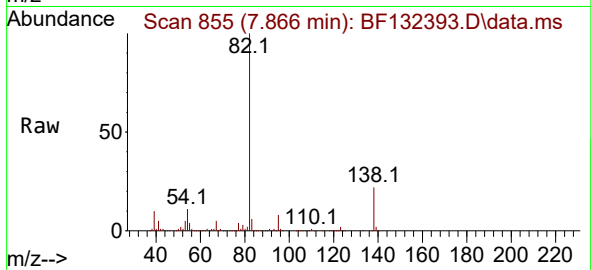
Tgt Ion: 77 Resp: 537020
Ion Ratio Lower Upper
77 100
123 59.4 39.5 59.3#
65 11.7 9.8 14.8





#25
Isophorone
Concen: 40.921 ng
RT: 7.866 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

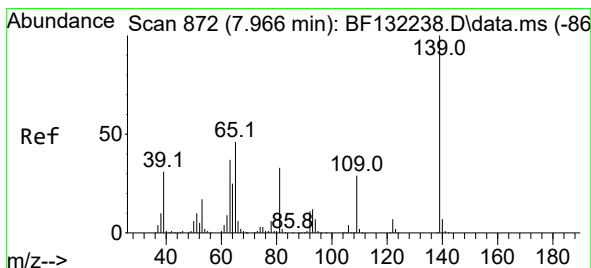
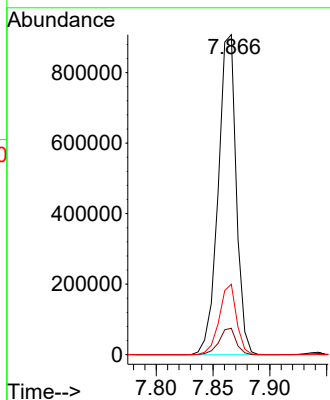
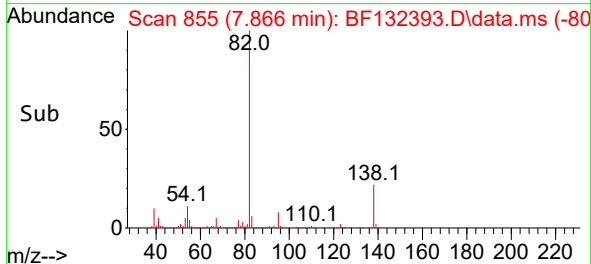
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion: 82 Resp: 100575
Ion Ratio Lower Upper
82 100
95 8.3 5.6 8.4
138 22.0 15.0 22.6

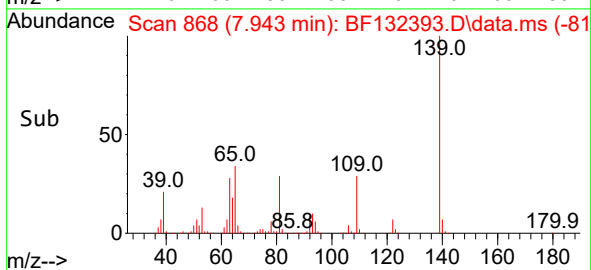
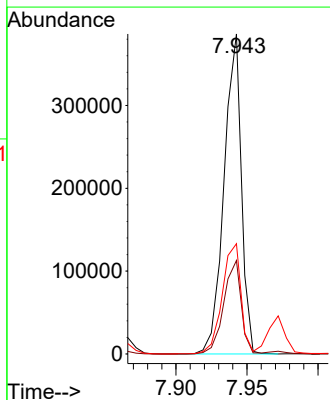
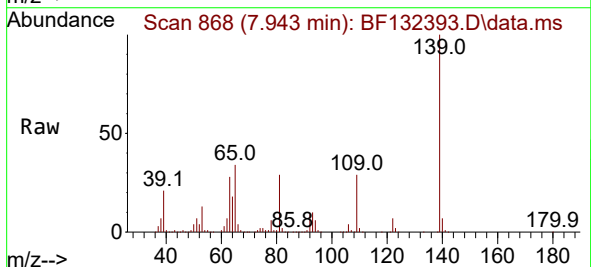
Manual Integrations
APPROVED

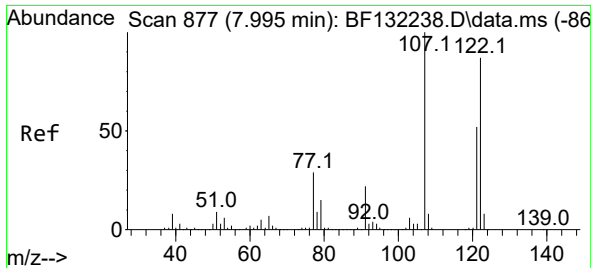
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#26
2-Nitrophenol
Concen: 50.768 ng
RT: 7.943 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

Tgt Ion:139 Resp: 327140
Ion Ratio Lower Upper
139 100
109 29.2 23.0 34.6
65 34.4 36.6 55.0#





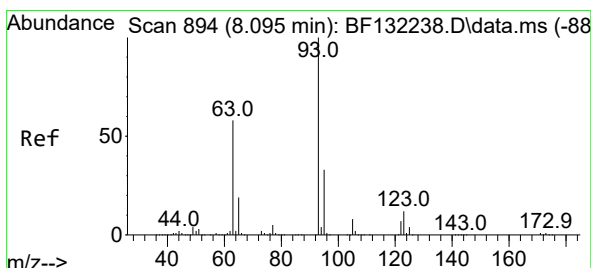
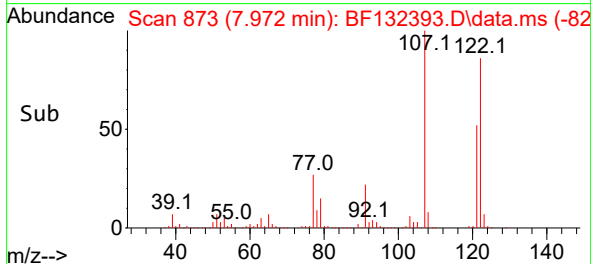
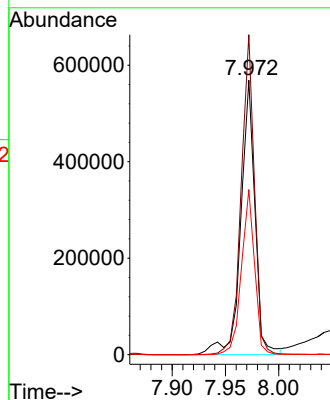
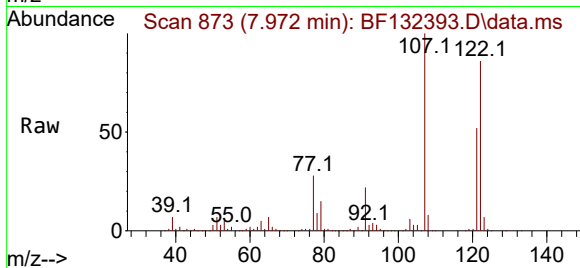
#27
2,4-Dimethylphenol
Concen: 47.034 ng
RT: 7.972 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

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

Tgt Ion:122 Resp: 53049
Ion Ratio Lower Upper
122 100
107 116.6 91.9 137.9
121 60.2 47.8 71.8

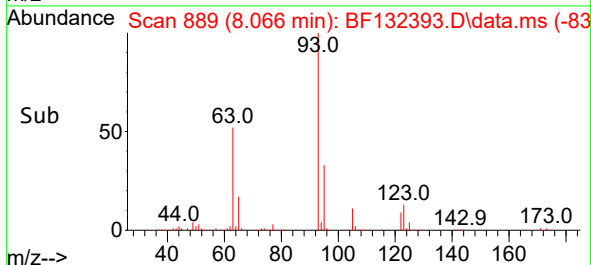
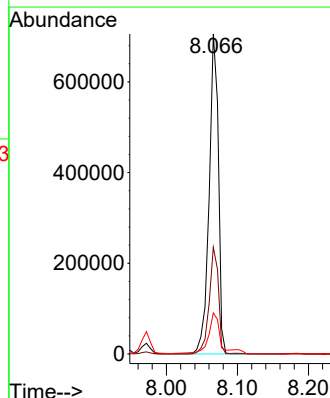
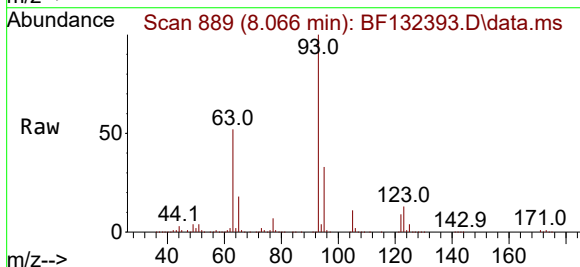
Manual Integrations
APPROVED

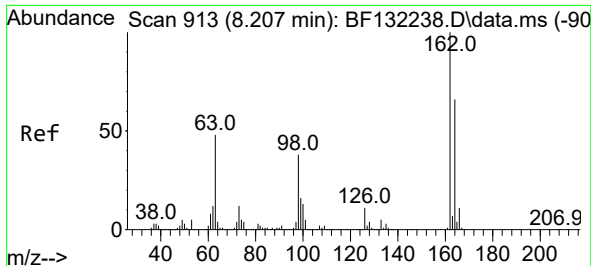
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.549 ng
RT: 8.066 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

Tgt Ion: 93 Resp: 642653
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 48.367 ng

RT: 8.184 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF132393.D

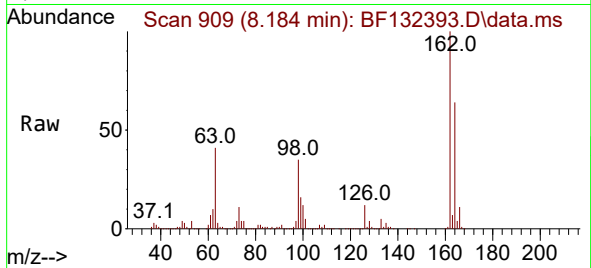
Acq: 10 Feb 2023 18:16

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMSD



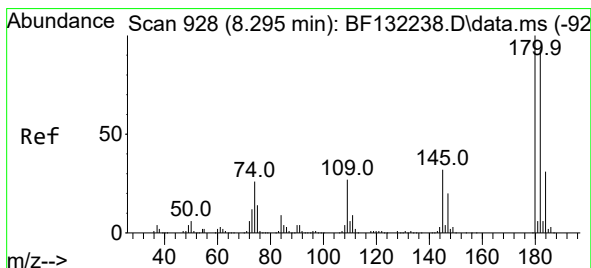
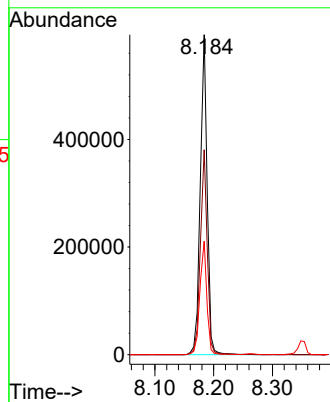
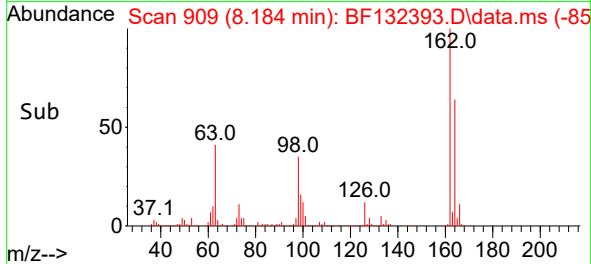
Tgt Ion:162 Resp: 48433

Ion	Ratio	Lower	Upper
162	100		
164	64.1	46.4	86.4
98	35.5	17.8	57.8

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 49.741 ng

RT: 8.266 min Scan# 923

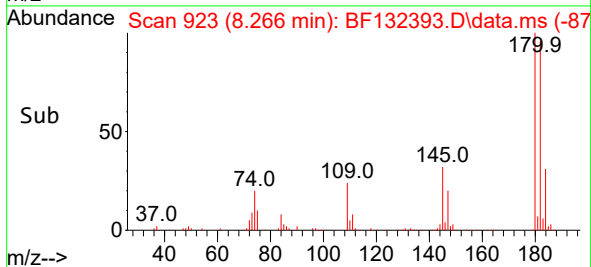
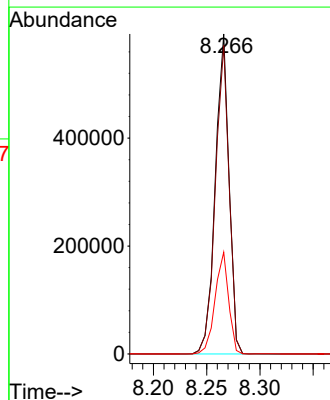
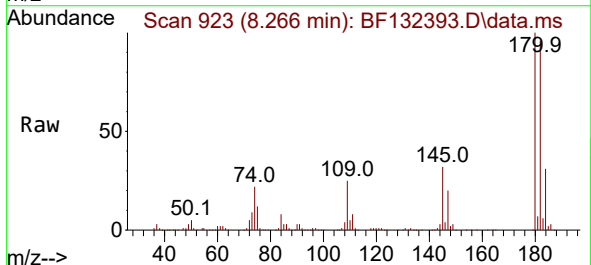
Delta R.T. -0.006 min

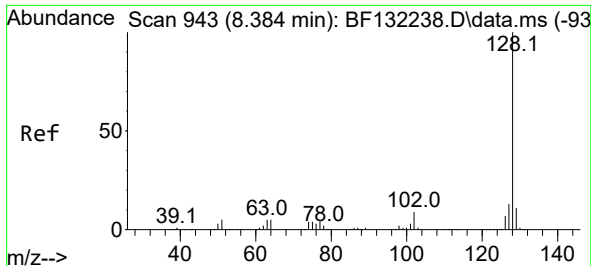
Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

Tgt Ion:180 Resp: 533392

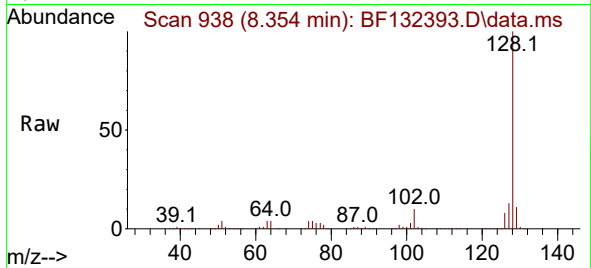
Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.6	112.0
145	31.8	25.3	37.9





#31
Naphthalene
Concen: 44.670 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

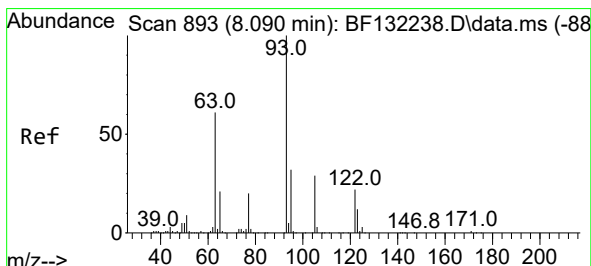
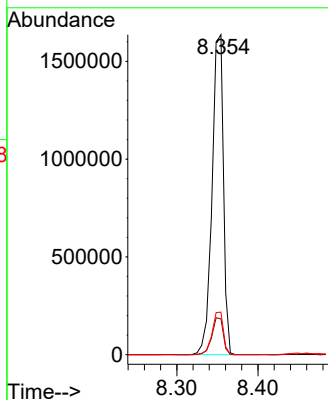
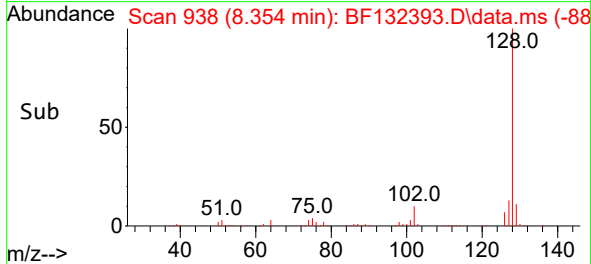
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:128 Resp: 1584449
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.5 15.7

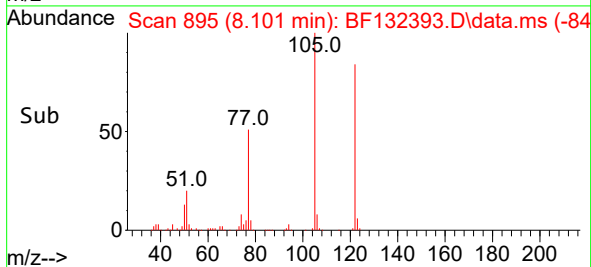
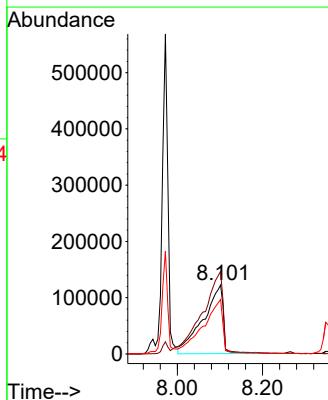
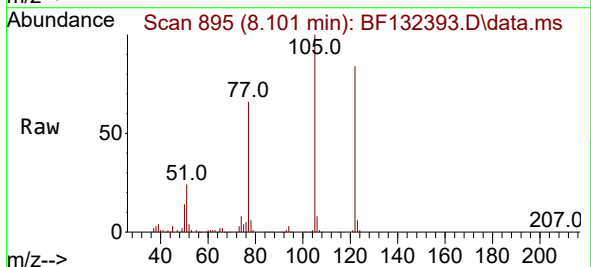
Manual Integrations
APPROVED

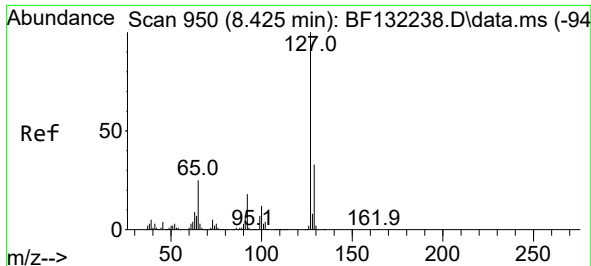
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#32
Benzoic acid
Concen: 48.092 ng
RT: 8.101 min Scan# 895
Delta R.T. 0.018 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

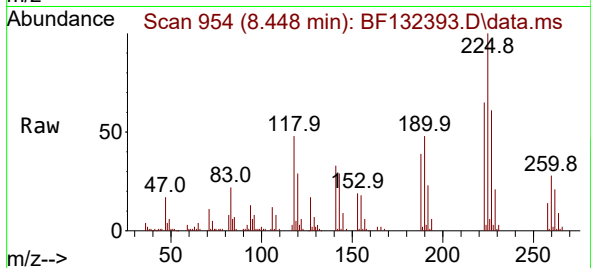
Tgt Ion:122 Resp: 401514
Ion Ratio Lower Upper
122 100
105 119.7 106.3 146.3
77 78.9 70.6 110.6





#33
4-Chloroaniline
Concen: 1.896 ng m
RT: 8.448 min Scan# 954
Delta R.T. 0.047 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

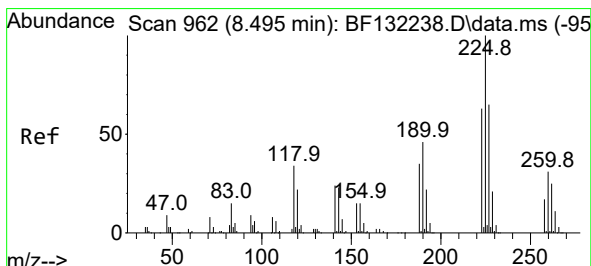
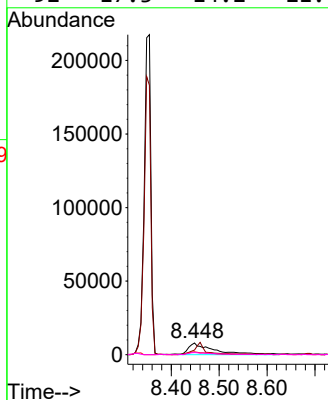
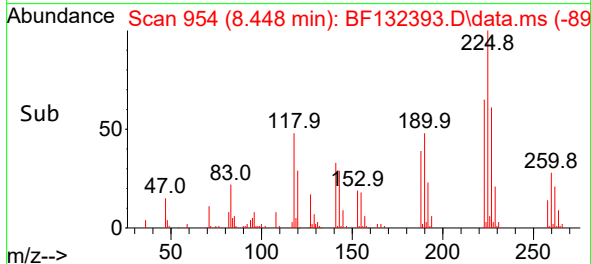
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:127 Resp: 29820
Ion Ratio Lower Upper
127 100
129 40.1 26.6 39.8
65 24.8 20.2 30.2
92 17.3 14.2 21.4

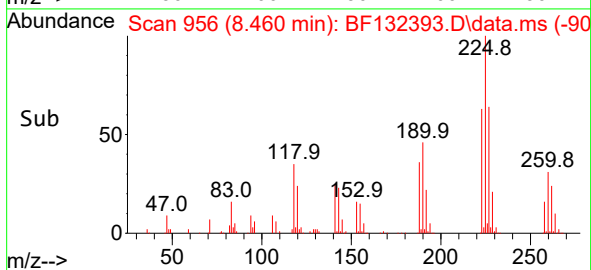
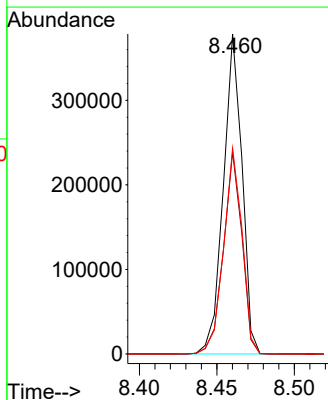
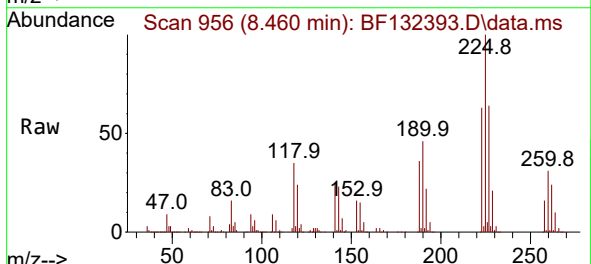
Manual Integrations
APPROVED

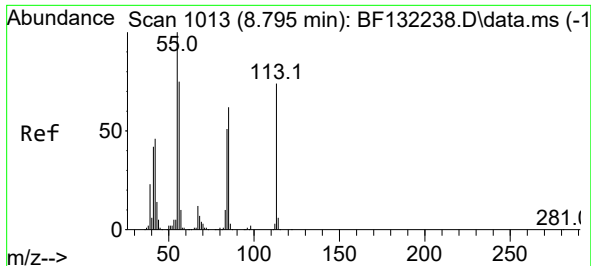
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#34
Hexachlorobutadiene
Concen: 52.542 ng
RT: 8.460 min Scan# 956
Delta R.T. -0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

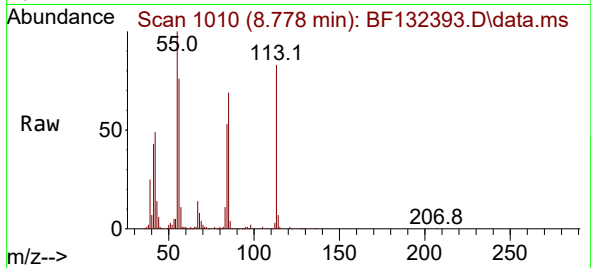
Tgt Ion:225 Resp: 316744
Ion Ratio Lower Upper
225 100
223 63.1 50.6 75.8
227 64.4 51.7 77.5





#35
Caprolactam
Concen: 42.221 ng m
RT: 8.778 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

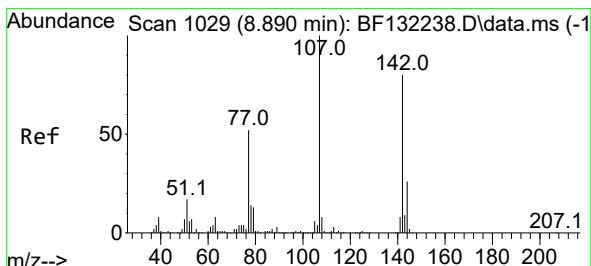
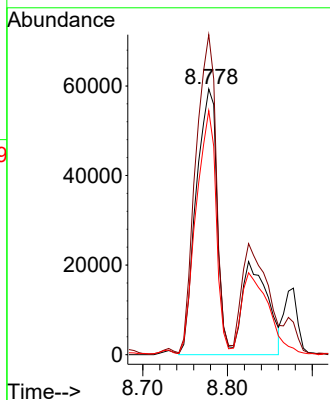
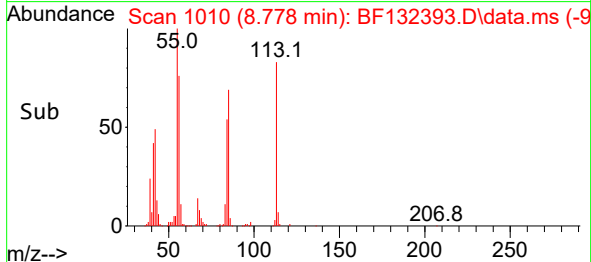
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:113 Resp: 144134
Ion Ratio Lower Upper
113 100
55 120.4 114.7 154.7
56 91.8 81.1 121.1

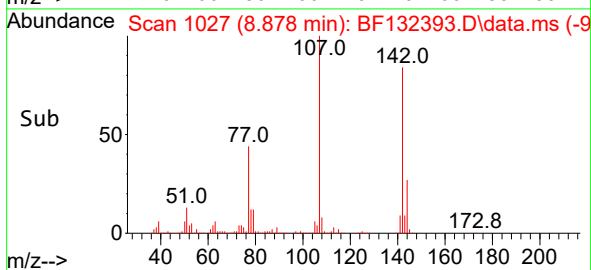
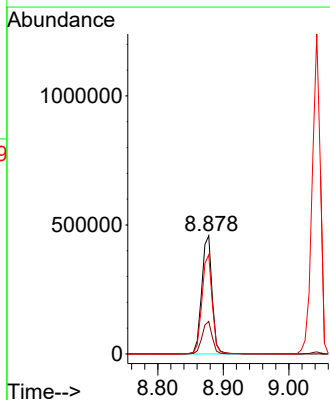
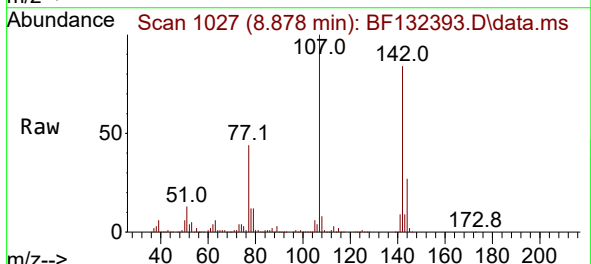
Manual Integrations
APPROVED

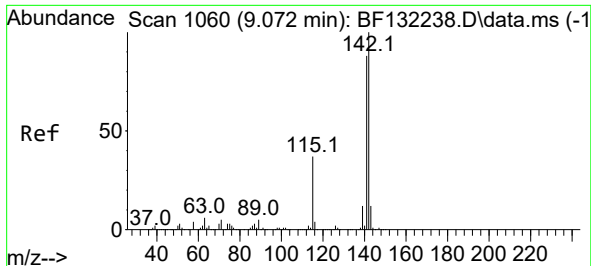
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#36
4-Chloro-3-methylphenol
Concen: 46.882 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

Tgt Ion:107 Resp: 505768
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 83.9 63.6 95.4





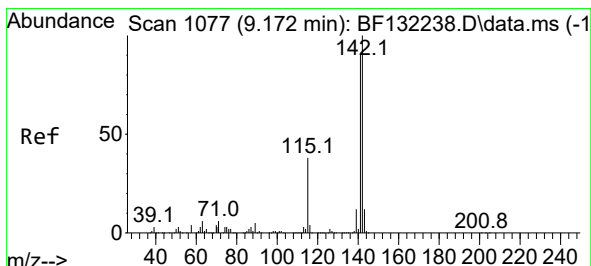
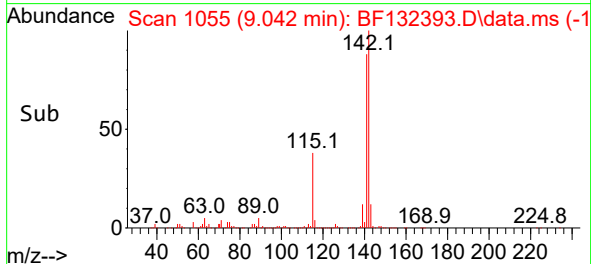
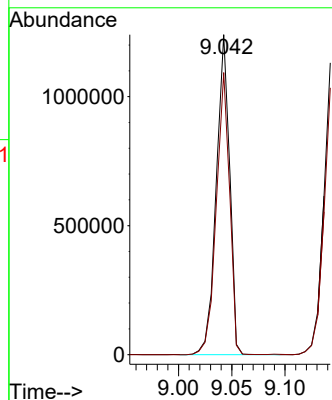
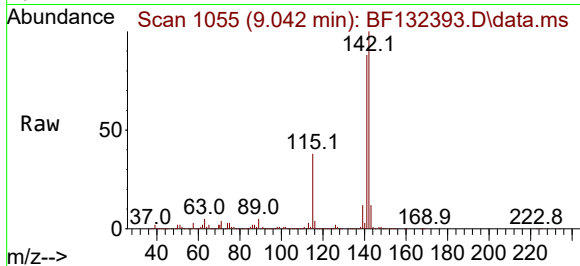
#37
2-Methylnaphthalene
Concen: 44.830 ng
RT: 9.042 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

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

Tgt Ion:142 Resp: 1077070
Ion Ratio Lower Upper
142 100
141 88.2 70.1 105.1

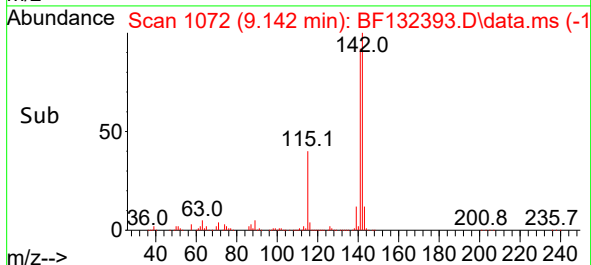
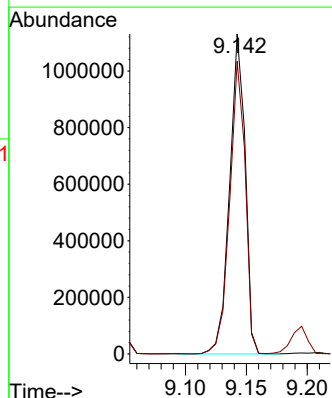
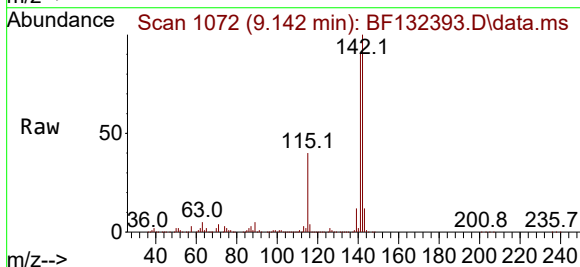
Manual Integrations
APPROVED

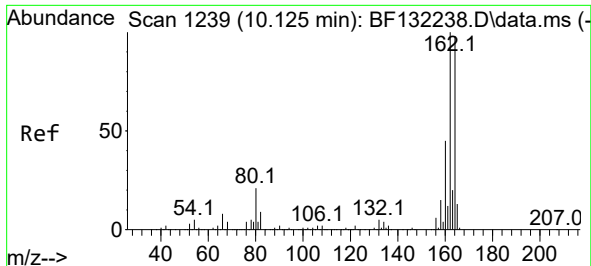
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#38
1-Methylnaphthalene
Concen: 44.878 ng
RT: 9.142 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

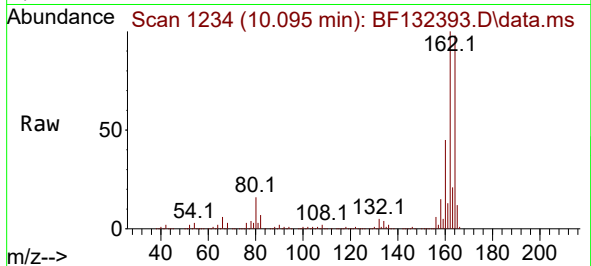
Tgt Ion:142 Resp: 1002019
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

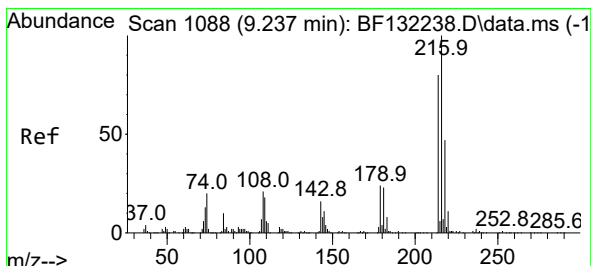
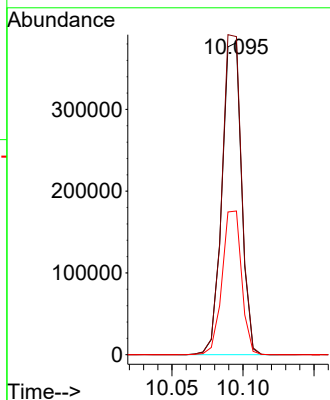
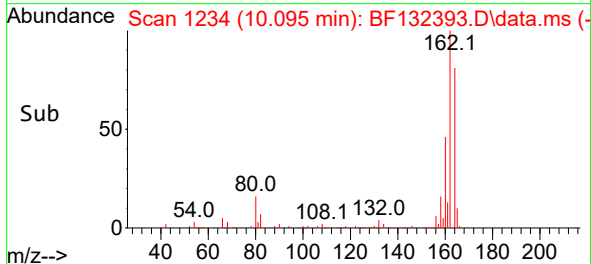
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:164 Resp: 364140
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 46.1 37.1 55.7

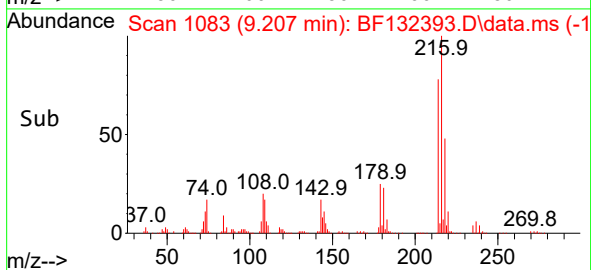
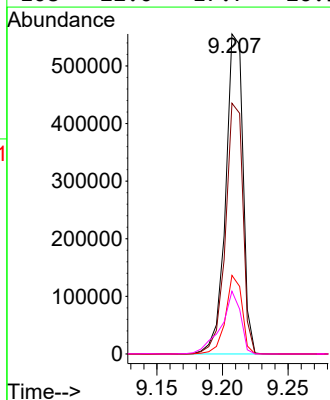
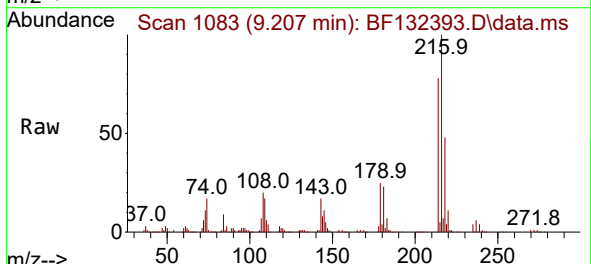
Manual Integrations
APPROVED

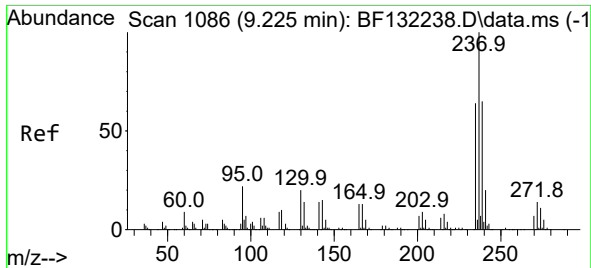
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.929 ng
RT: 9.207 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

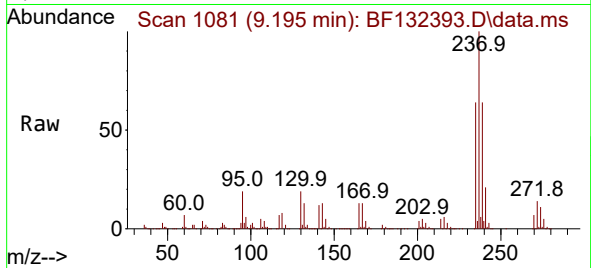
Tgt Ion:216 Resp: 511640
Ion Ratio Lower Upper
216 100
214 78.2 63.6 95.4
179 23.2 18.3 27.5
108 22.0 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 120.101 ng
RT: 9.195 min Scan# 1081
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

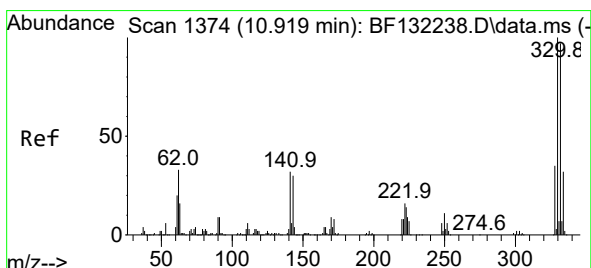
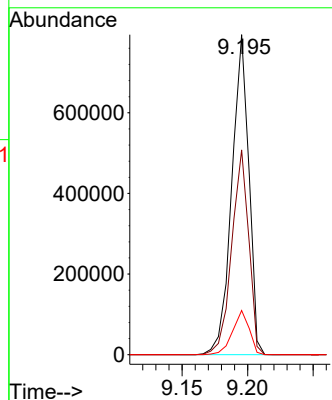
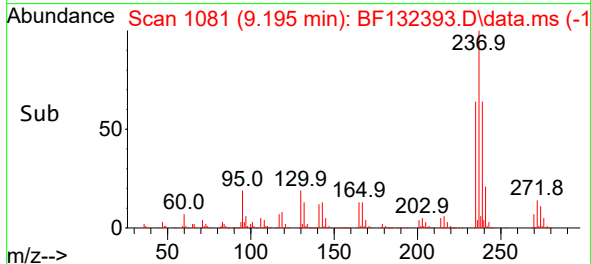
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



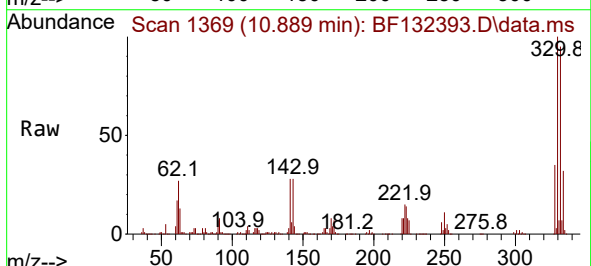
Tgt Ion:237 Resp: 718034
Ion Ratio Lower Upper
237 100
235 64.0 43.5 83.5
272 13.8 0.0 33.6

Manual Integrations
APPROVED

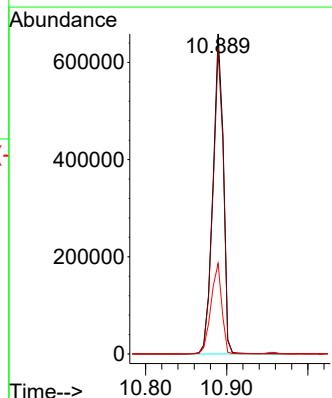
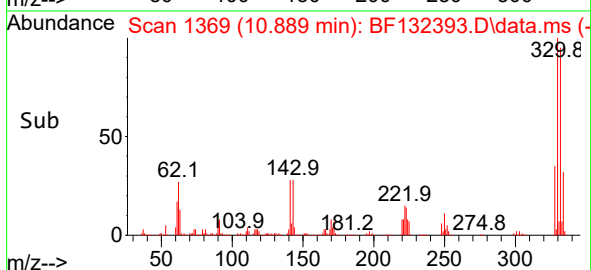
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

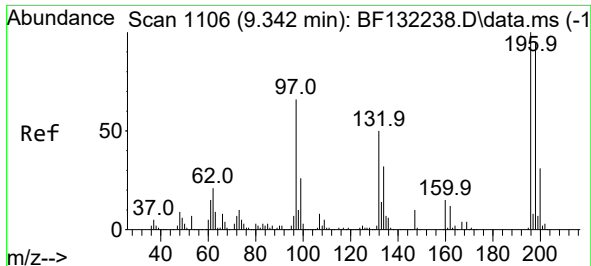


#42
2,4,6-Tribromophenol
Concen: 156.161 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



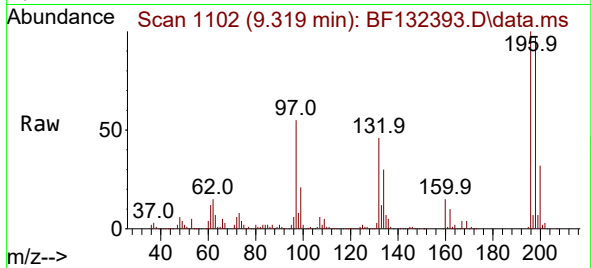
Tgt Ion:330 Resp: 584773
Ion Ratio Lower Upper
330 100
332 95.9 77.9 116.9
141 29.3 31.0 46.4#





#43
2,4,6-Trichlorophenol
Concen: 49.165 ng
RT: 9.319 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

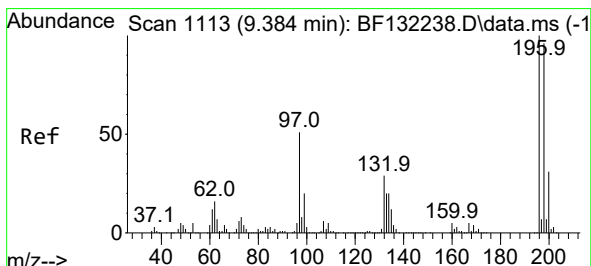
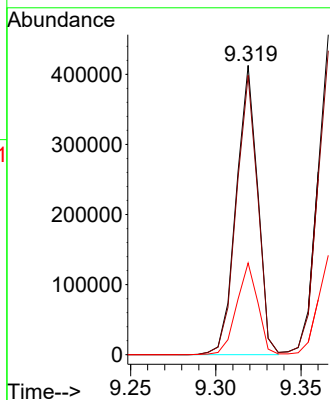
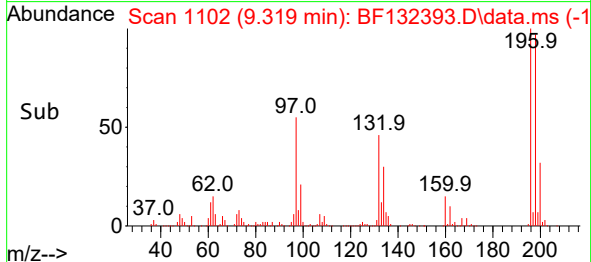
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



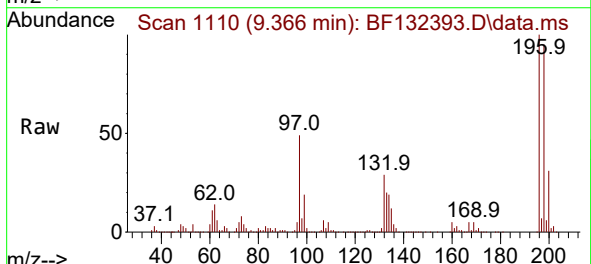
Tgt Ion:196 Resp: 36013
Ion Ratio Lower Upper
196 100
198 96.6 75.9 113.9
200 31.7 24.7 37.1

Manual Integrations
APPROVED

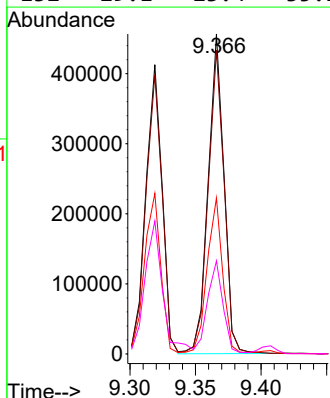
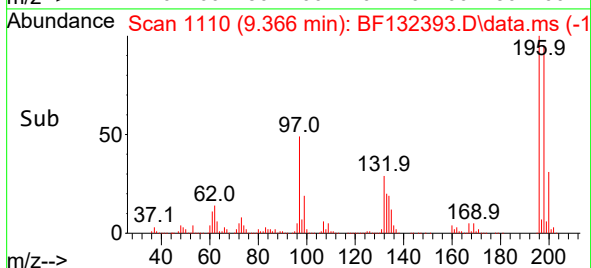
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

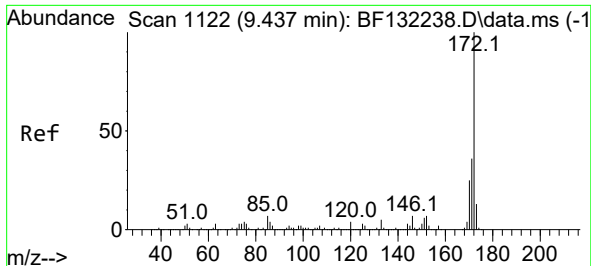


#44
2,4,5-Trichlorophenol
Concen: 45.601 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



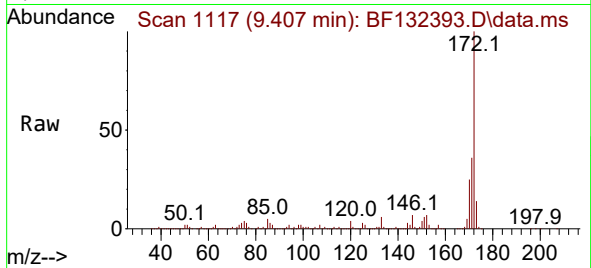
Tgt Ion:196 Resp: 384465
Ion Ratio Lower Upper
196 100
198 95.0 77.0 115.4
97 48.8 41.2 61.8
132 29.1 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 84.205 ng
RT: 9.407 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

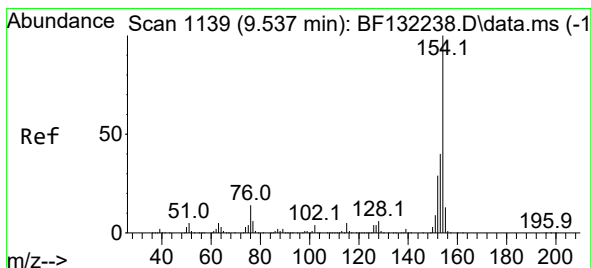
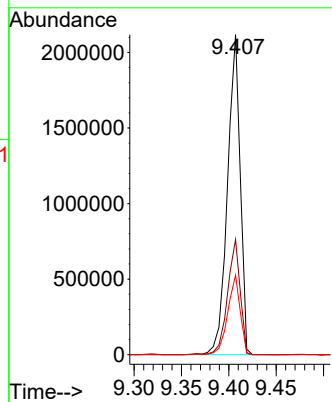
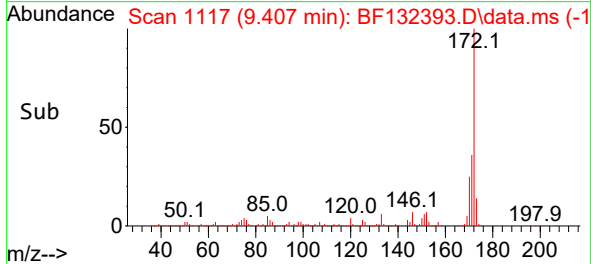
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:172 Resp: 1985590
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.8 19.7 29.5

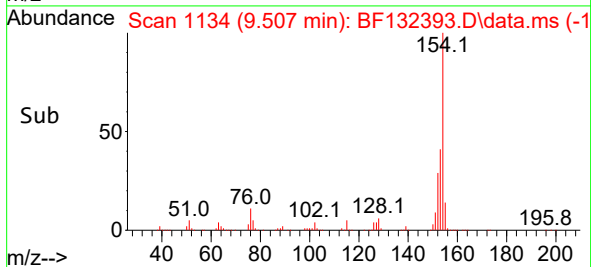
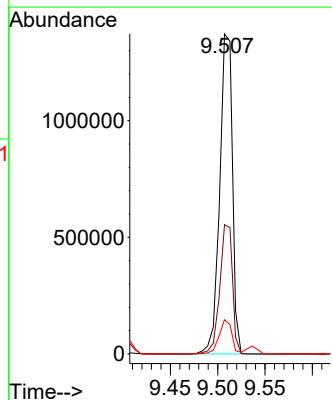
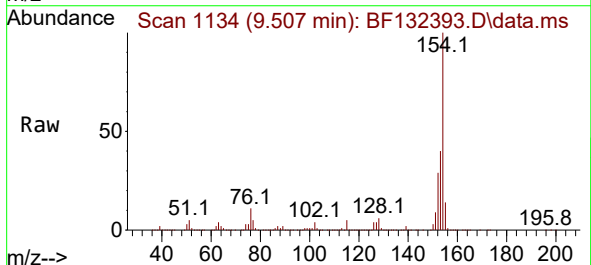
Manual Integrations
APPROVED

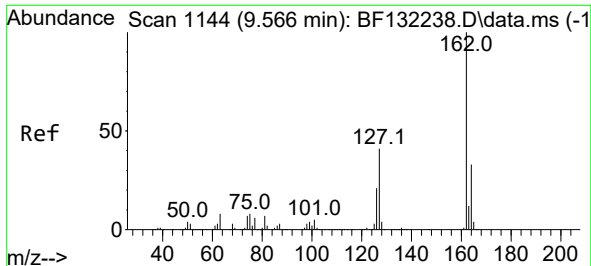
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#46
1,1'-Biphenyl
Concen: 45.989 ng
RT: 9.507 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

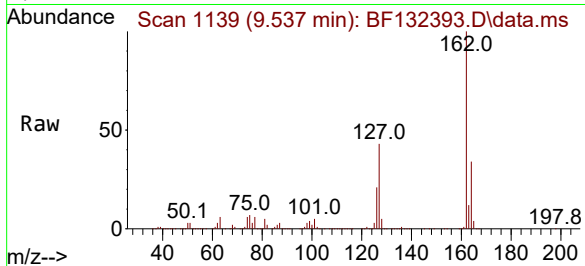
Tgt Ion:154 Resp: 1291048
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 10.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.975 ng
RT: 9.537 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

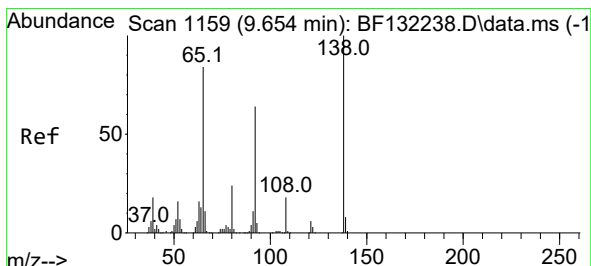
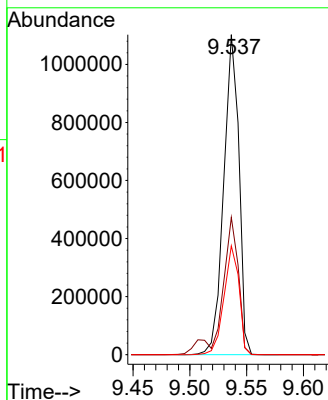
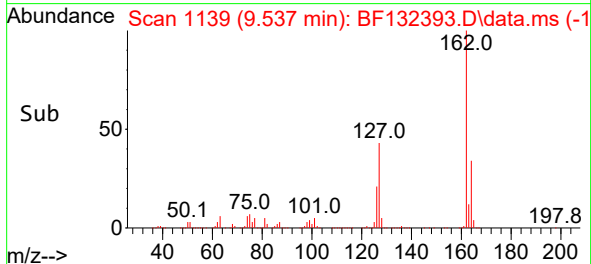
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



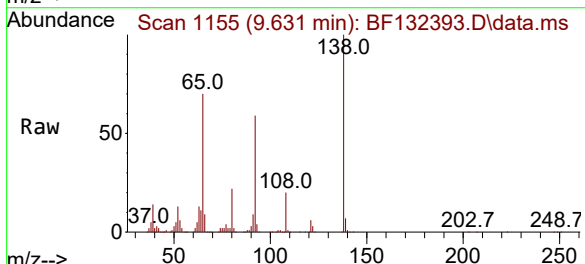
Tgt Ion:162 Resp: 102579
Ion Ratio Lower Upper
162 100
127 42.9 33.3 49.9
164 34.0 26.8 40.2

Manual Integrations
APPROVED

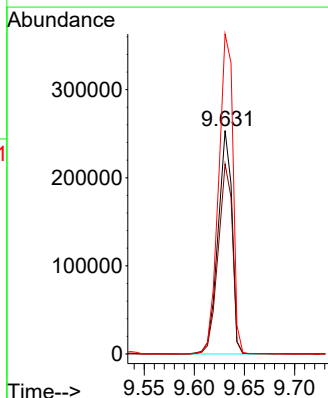
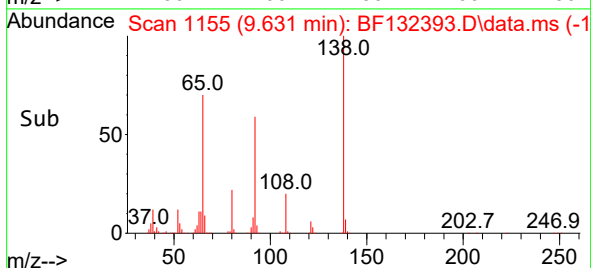
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

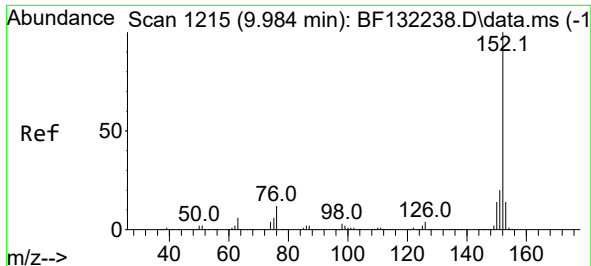


#48
2-Nitroaniline
Concen: 38.617 ng
RT: 9.631 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



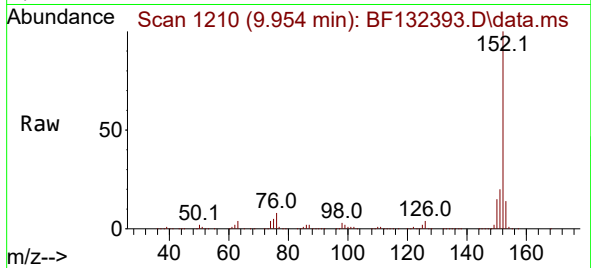
Tgt Ion: 65 Resp: 245569
Ion Ratio Lower Upper
65 100
92 85.0 61.0 91.4
138 143.2 95.0 142.4#





#49
Acenaphthylene
Concen: 45.530 ng
RT: 9.954 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

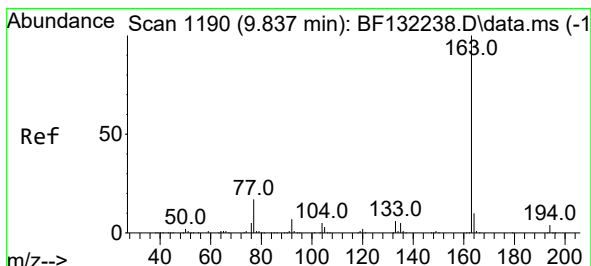
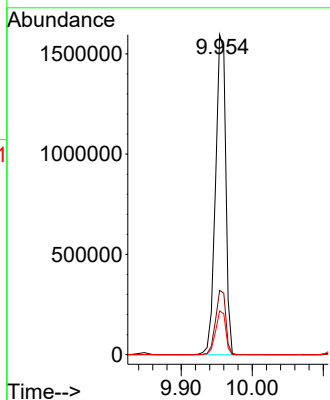
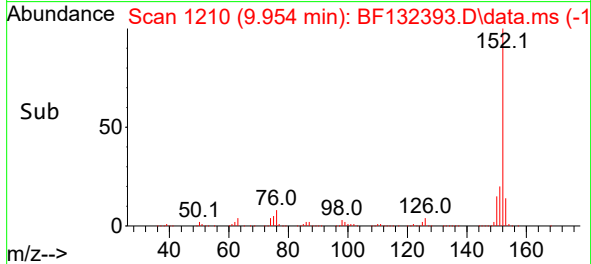
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



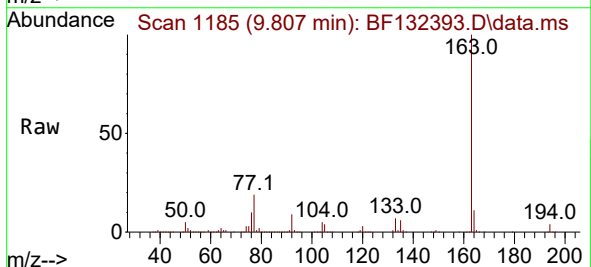
Tgt Ion:152 Resp: 1588824
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 10.9 16.3

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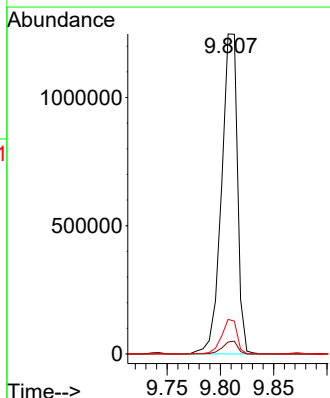
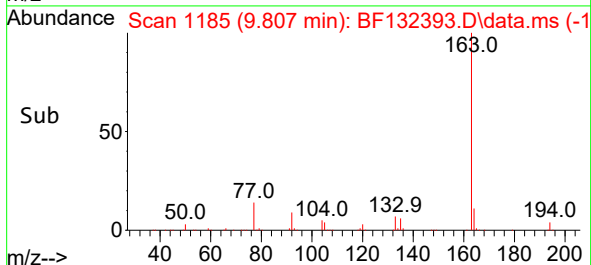
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

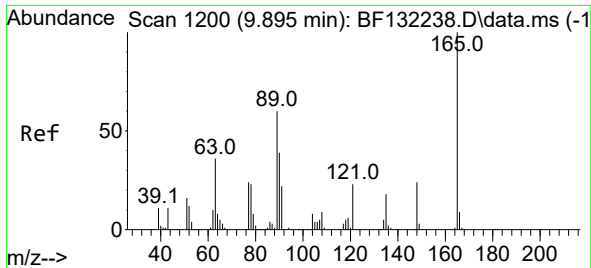


#50
Dimethylphthalate
Concen: 50.932 ng
RT: 9.807 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



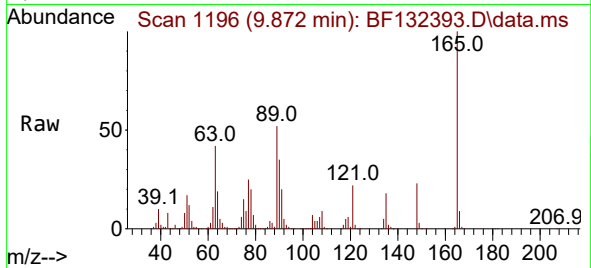
Tgt Ion:163 Resp: 1297333
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.557 ng
RT: 9.872 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

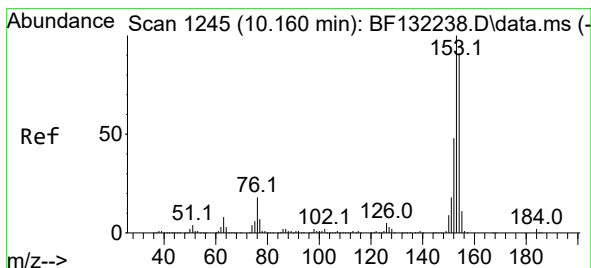
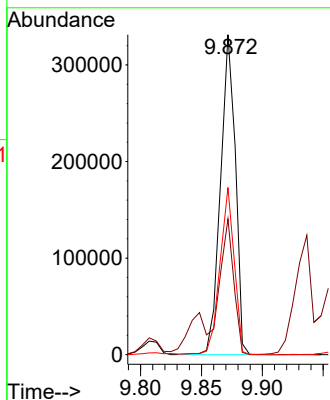
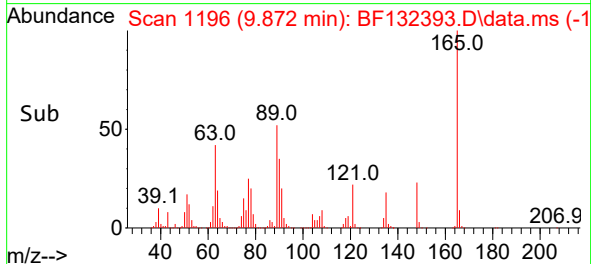
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



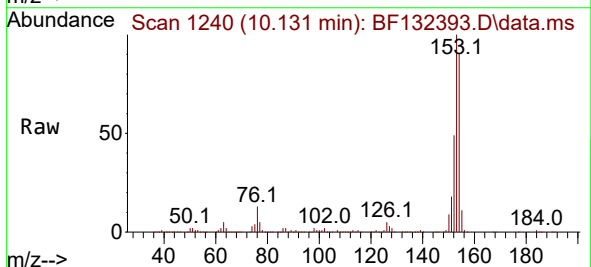
Tgt Ion:165 Resp: 28192
Ion Ratio Lower Upper
165 100
63 42.4 41.5 62.3
89 52.3 48.1 72.1

Manual Integrations
APPROVED

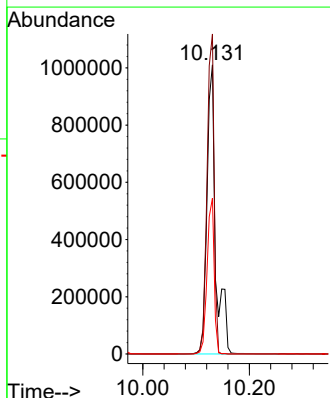
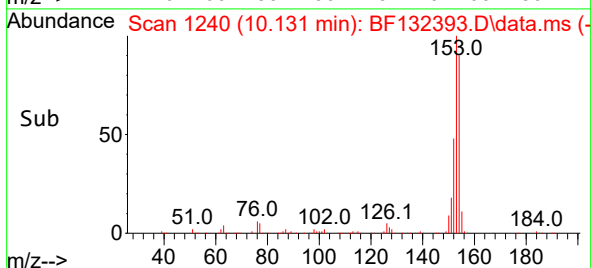
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

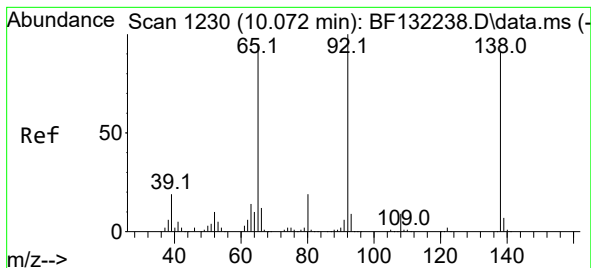


#52
Acenaphthene
Concen: 52.946 ng
RT: 10.131 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



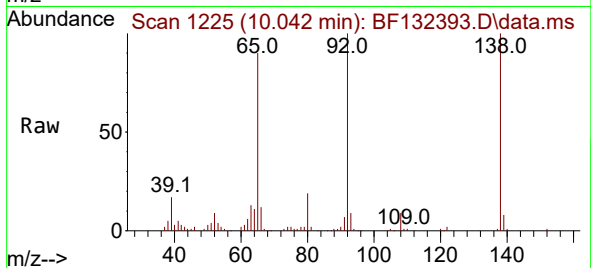
Tgt Ion:154 Resp: 1156729
Ion Ratio Lower Upper
154 100
153 110.7 88.3 132.5
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 7.695 ng
RT: 10.042 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

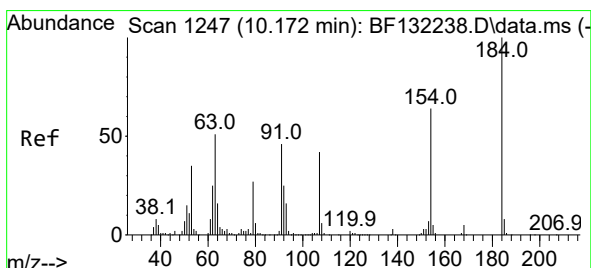
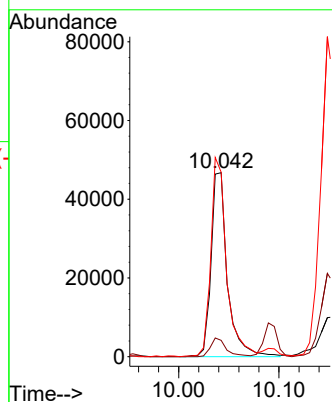
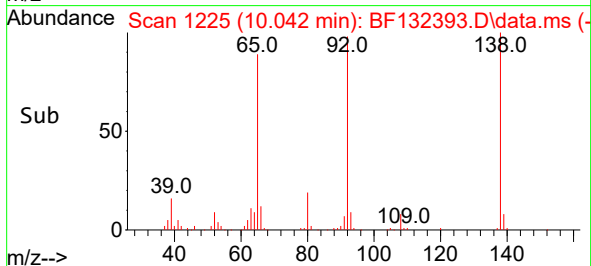
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



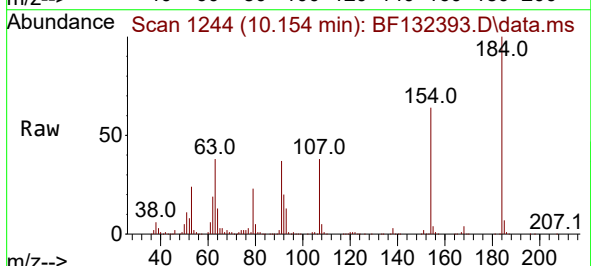
Tgt Ion:138 Resp: 53089
Ion Ratio Lower Upper
138 100
108 8.9 7.6 11.4
92 100.3 88.3 132.5

Manual Integrations
APPROVED

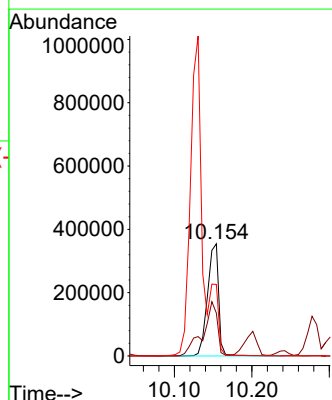
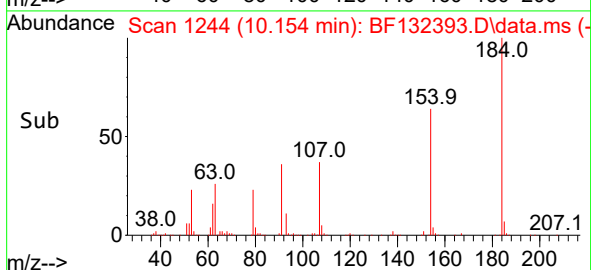
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

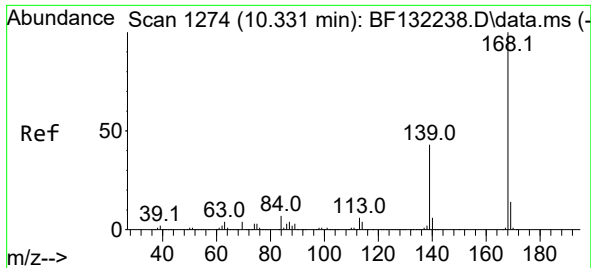


#54
2,4-Dinitrophenol
Concen: 105.785 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



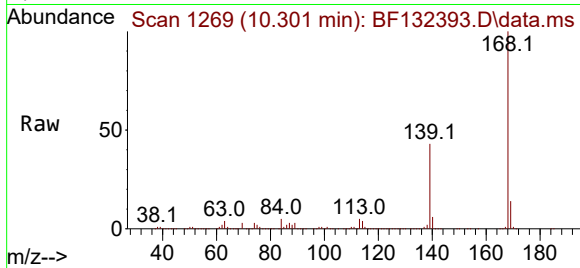
Tgt Ion:184 Resp: 353701
Ion Ratio Lower Upper
184 100
63 38.3 41.6 62.4#
154 63.8 57.0 85.6





#55
Dibenzenofuran
Concen: 45.119 ng
RT: 10.301 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

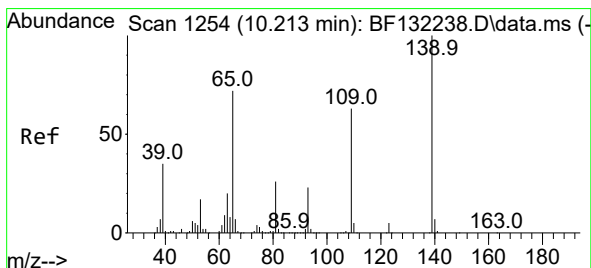
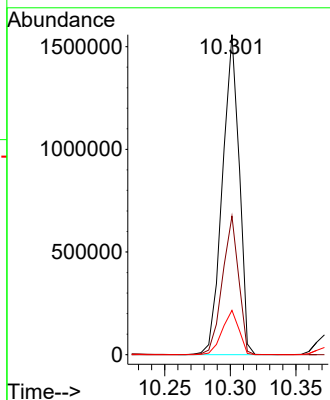
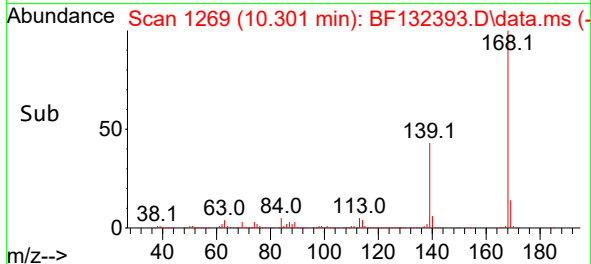
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:168 Resp: 138498
Ion Ratio Lower Upper
168 100
139 43.3 34.2 51.4
169 13.9 11.2 16.8

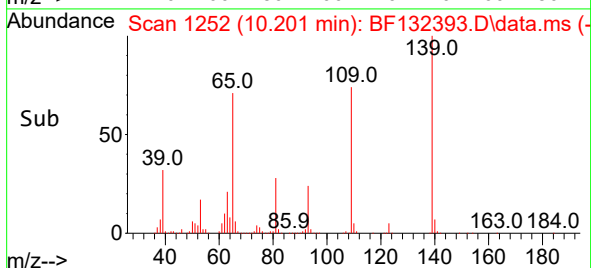
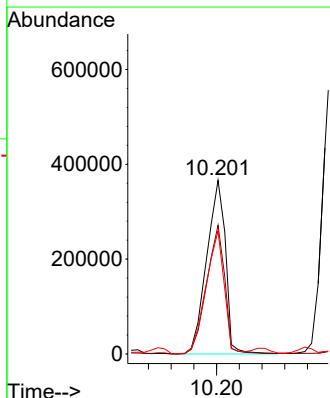
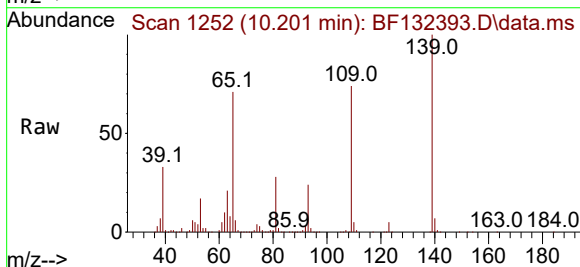
Manual Integrations
APPROVED

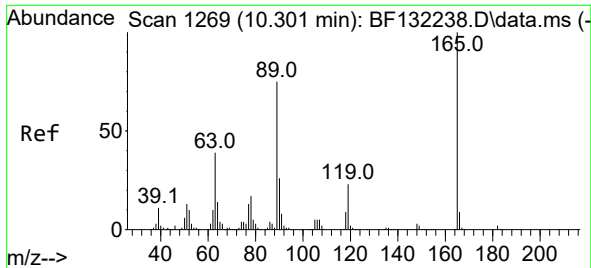
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#56
4-Nitrophenol
Concen: 81.287 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

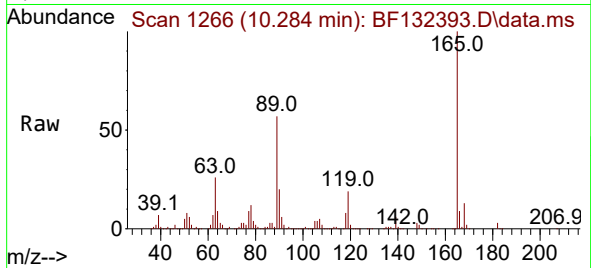
Tgt Ion:139 Resp: 421995
Ion Ratio Lower Upper
139 100
109 74.1 43.3 83.3
65 70.9 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 50.421 ng
RT: 10.284 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

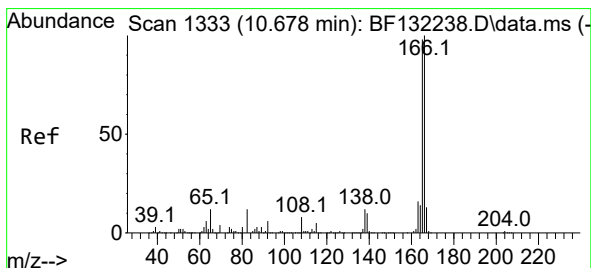
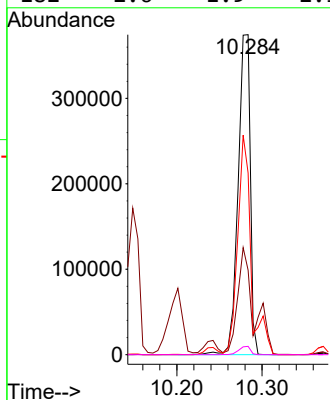
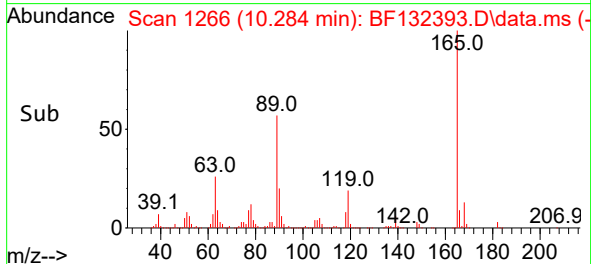
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:165 Resp: 372602
Ion Ratio Lower Upper
165 100
63 26.4 30.9 46.3
89 56.8 60.1 90.1
182 2.6 1.9 2.9

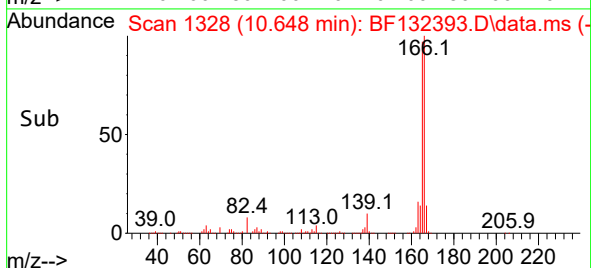
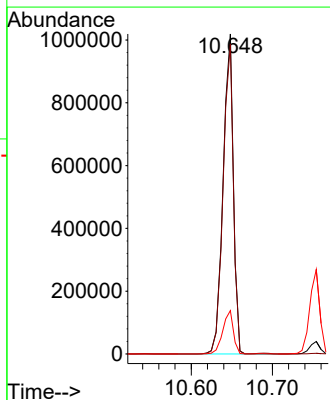
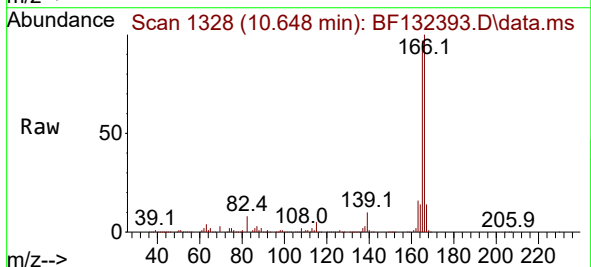
Manual Integrations
APPROVED

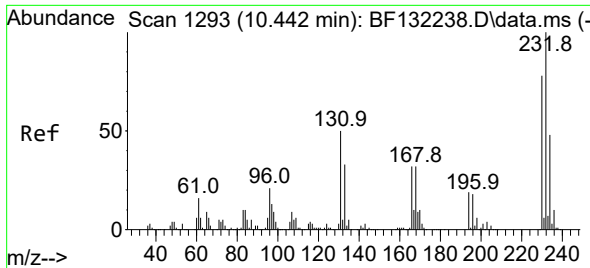
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#58
Fluorene
Concen: 38.190 ng
RT: 10.648 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

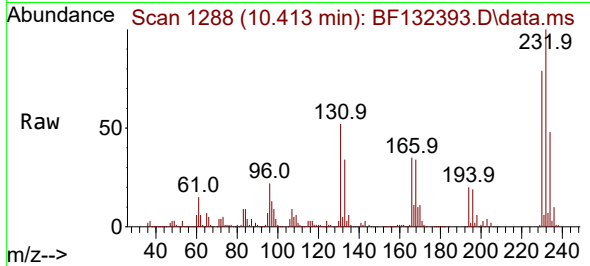
Tgt Ion:166 Resp: 902202
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.610 ng
RT: 10.413 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

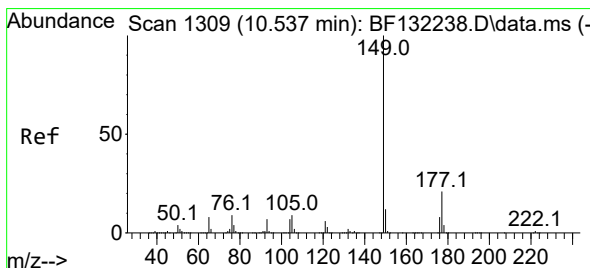
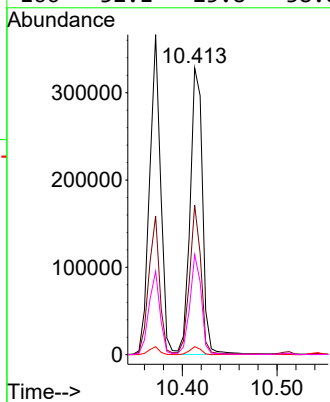
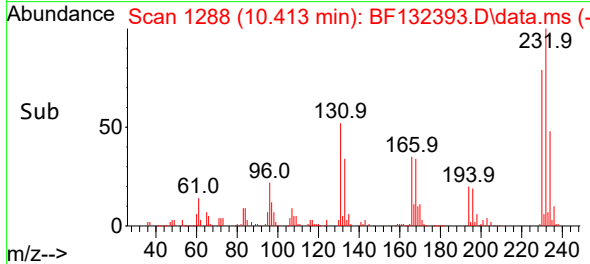
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:232 Resp: 298779
Ion Ratio Lower Upper
232 100
131 47.9 40.6 61.0
130 2.6 1.9 2.9
166 32.1 25.8 38.8

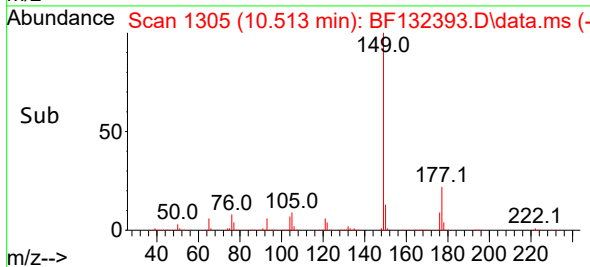
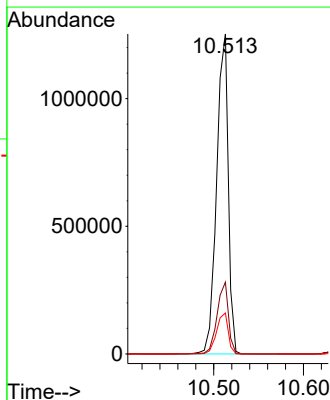
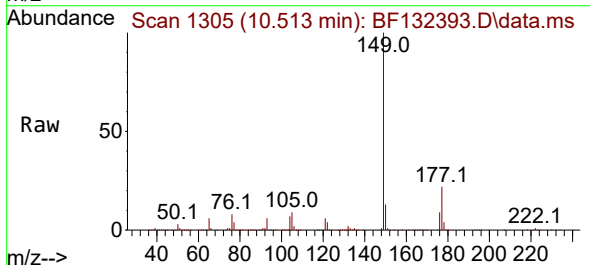
Manual Integrations
APPROVED

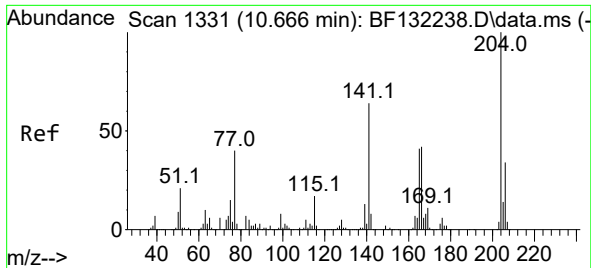
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#60
Diethylphthalate
Concen: 44.488 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

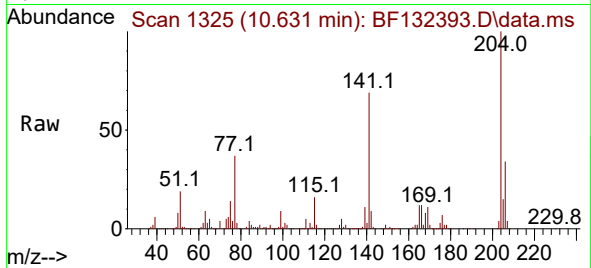
Tgt Ion:149 Resp: 1127296
Ion Ratio Lower Upper
149 100
177 22.4 17.1 25.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.843 ng
RT: 10.631 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

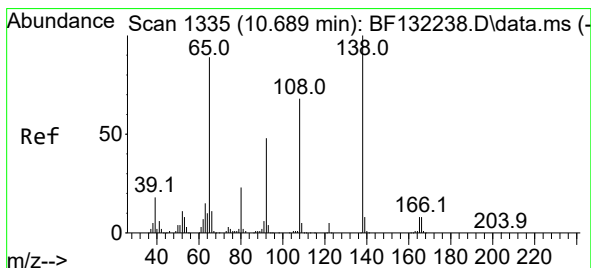
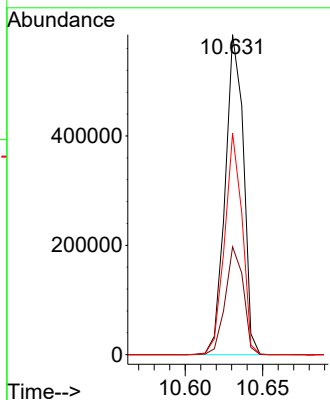
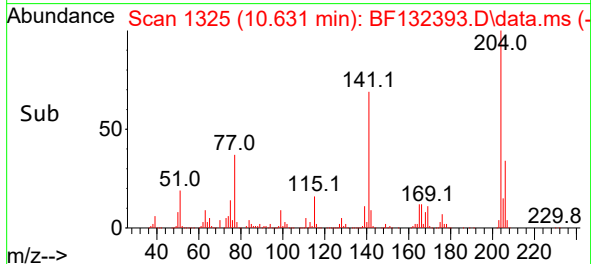
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:204 Resp: 480335
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 69.2 51.4 77.0

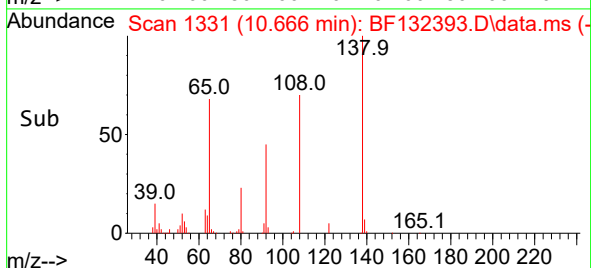
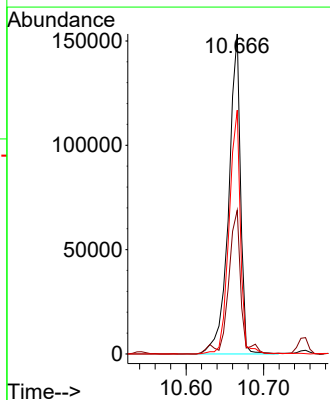
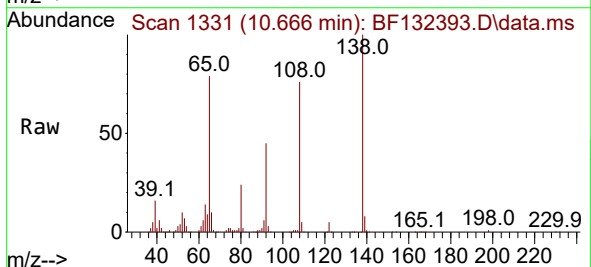
Manual Integrations
APPROVED

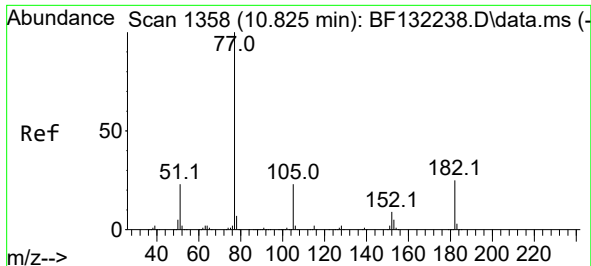
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#62
4-Nitroaniline
Concen: 24.697 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

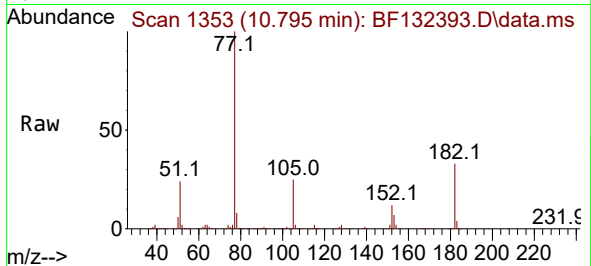
Tgt Ion:138 Resp: 163387
Ion Ratio Lower Upper
138 100
92 44.9 27.7 67.7
108 76.2 48.5 88.5





#63
Azobenzene
Concen: 33.582 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

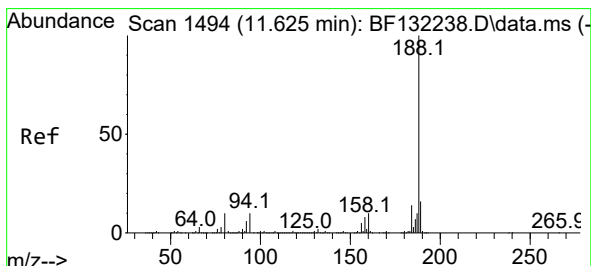
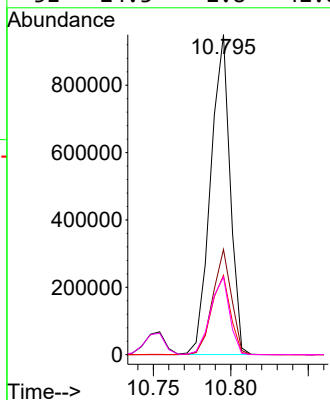
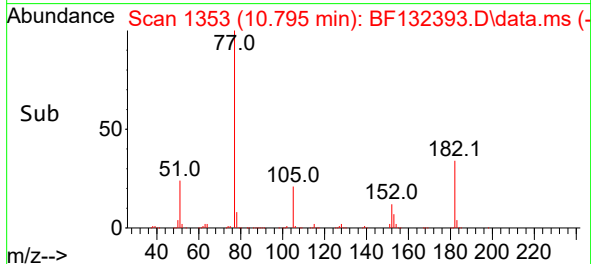
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion: 77 Resp: 828889
Ion Ratio Lower Upper
77 100
182 32.9 4.5 44.5
105 24.8 2.7 42.7
51 24.3 2.8 42.8

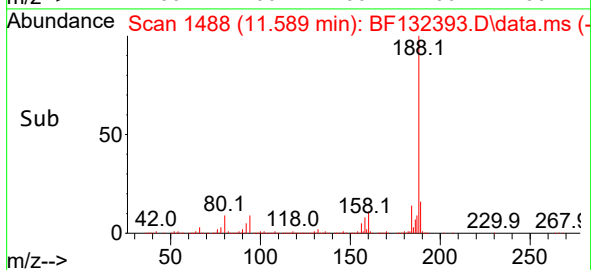
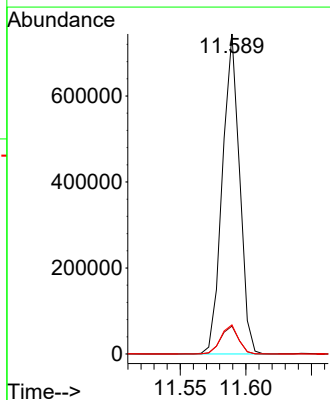
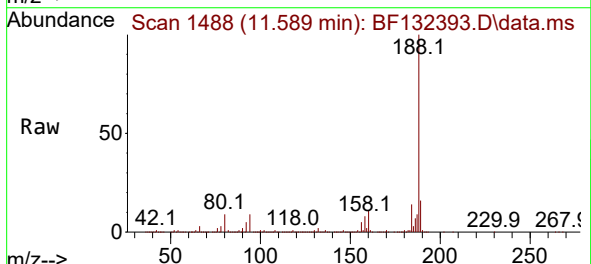
Manual Integrations
APPROVED

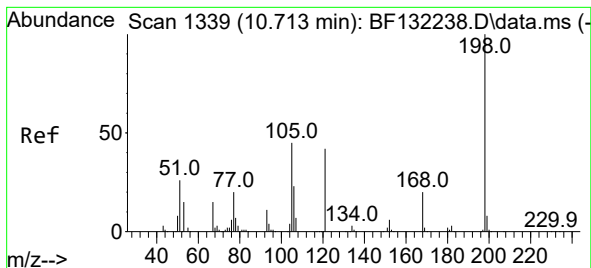
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

Tgt Ion:188 Resp: 677689
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.1 8.3 12.5





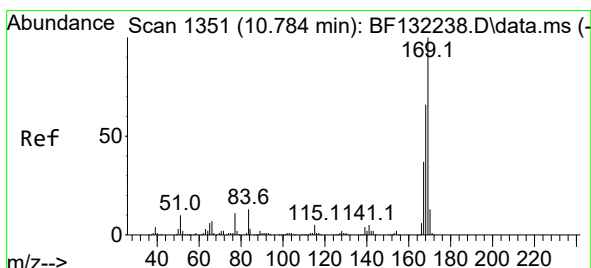
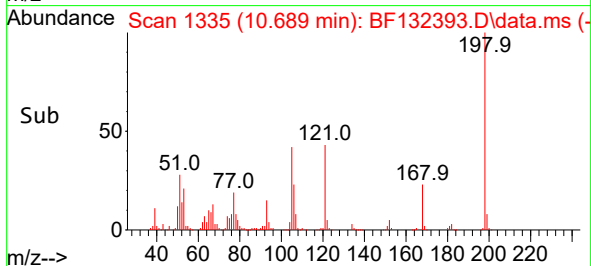
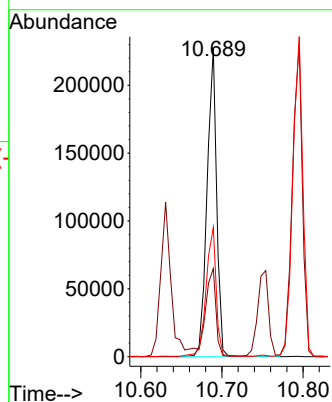
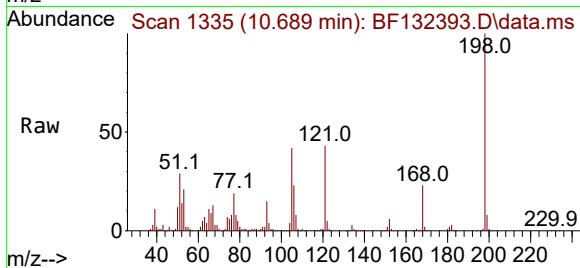
#65
4,6-Dinitro-2-methylphenol
Concen: 48.451 ng
RT: 10.689 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

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

Tgt Ion:198 Resp: 186350
Ion Ratio Lower Upper
198 100
51 28.5 13.1 53.1
105 41.9 26.0 66.0

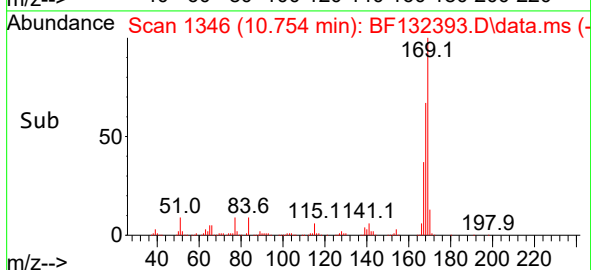
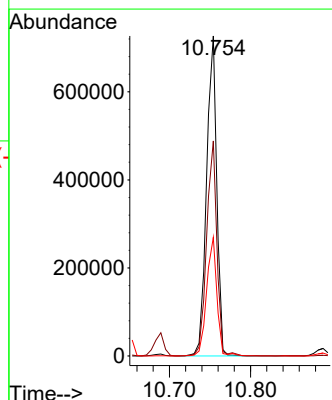
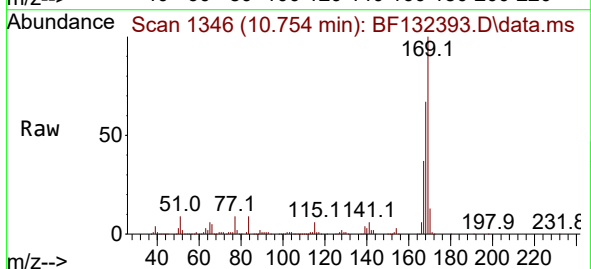
Manual Integrations
APPROVED

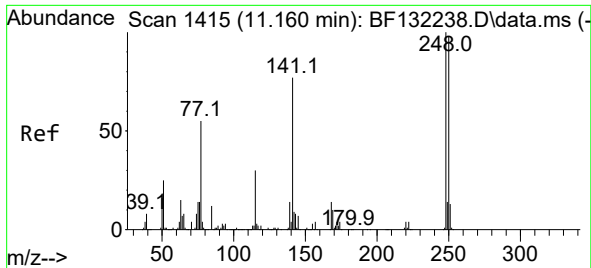
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#66
n-Nitrosodiphenylamine
Concen: 29.783 ng
RT: 10.754 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

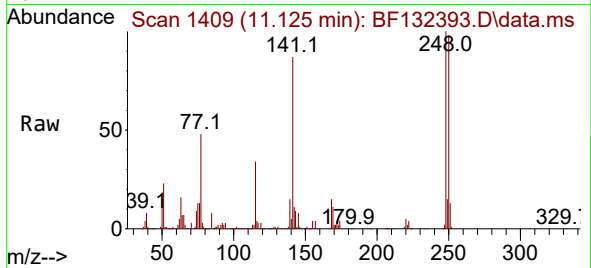
Tgt Ion:169 Resp: 632020
Ion Ratio Lower Upper
169 100
168 67.2 52.6 79.0
167 37.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 39.835 ng
RT: 11.125 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

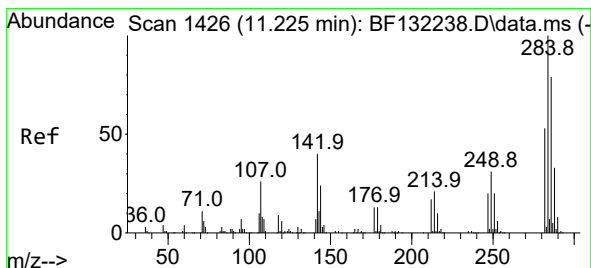
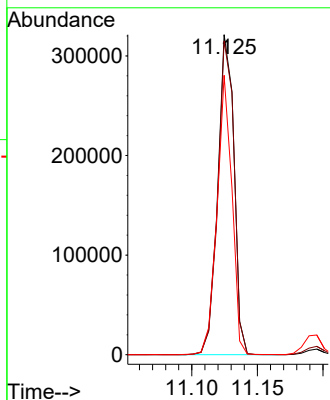
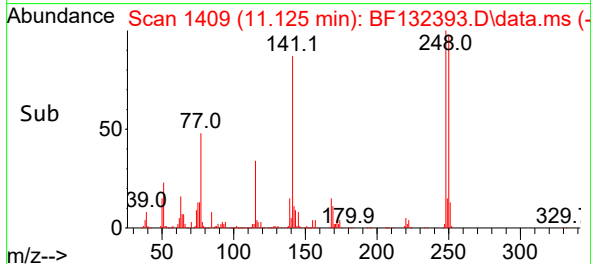
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



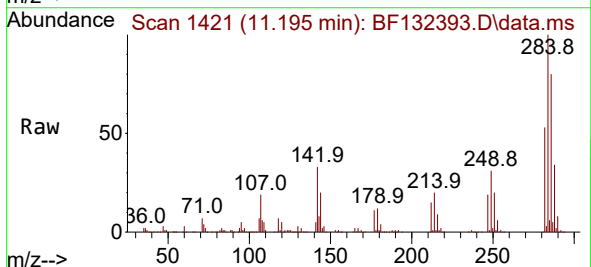
Tgt Ion:248 Resp: 276435
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 87.3 61.6 92.4

Manual Integrations
APPROVED

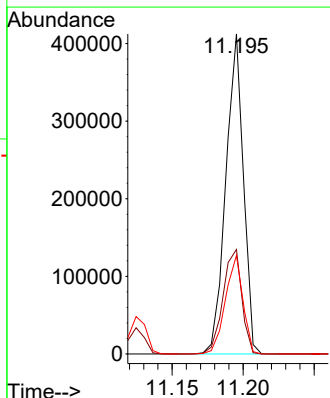
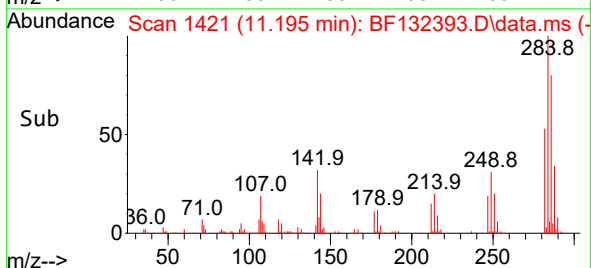
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

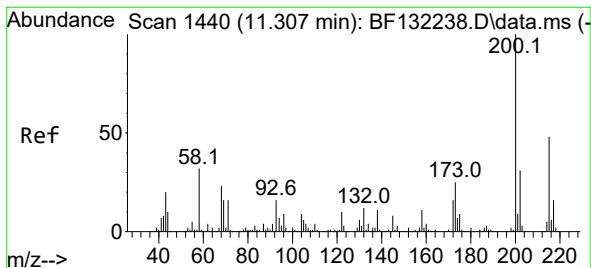


#68
Hexachlorobenzene
Concen: 47.710 ng
RT: 11.195 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



Tgt Ion:284 Resp: 353873
Ion Ratio Lower Upper
284 100
142 32.7 32.2 48.4
249 30.8 25.0 37.6





#69

Atrazine

Concen: 20.725 ng

RT: 11.272 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF132393.D

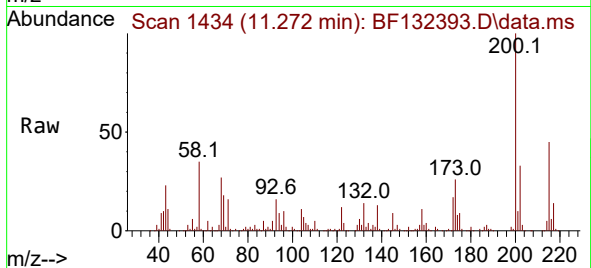
Acq: 10 Feb 2023 18:16

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMSD



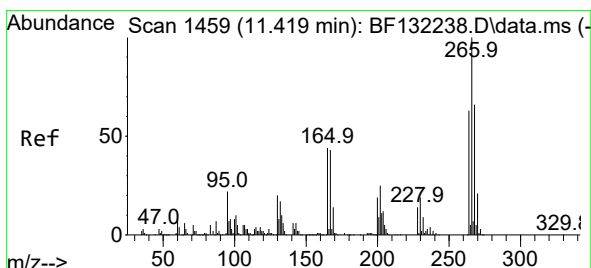
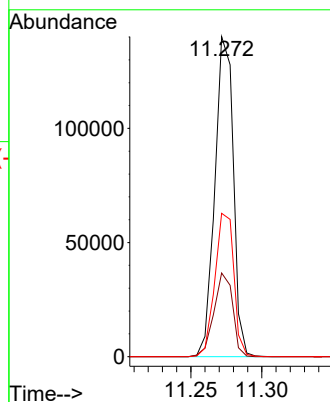
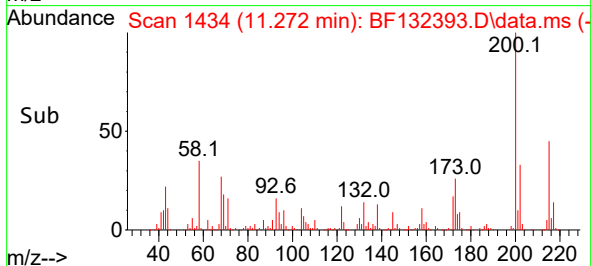
Tgt Ion:200 Resp: 126499

Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.1	45.1
215	44.8	27.6	67.6

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 86.895 ng

RT: 11.389 min Scan# 1454

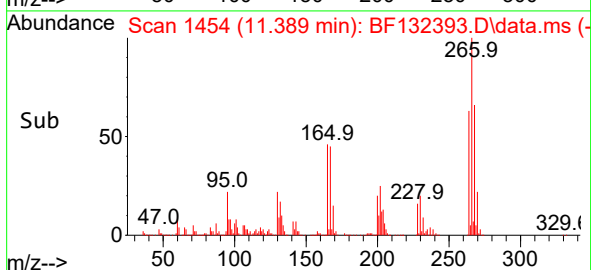
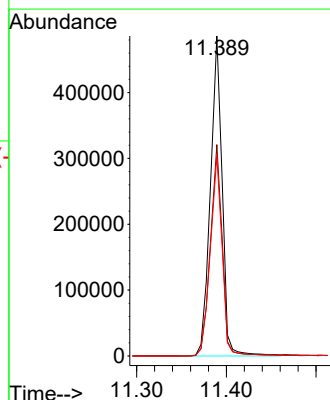
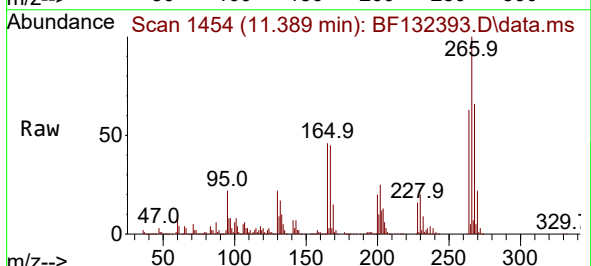
Delta R.T. 0.000 min

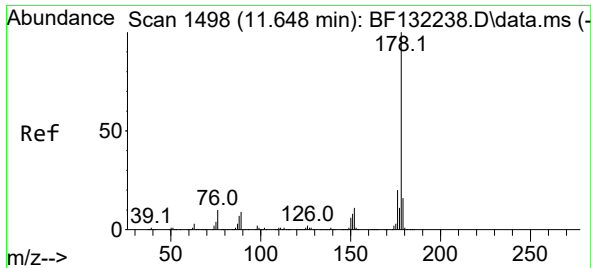
Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

Tgt Ion:266 Resp: 442841

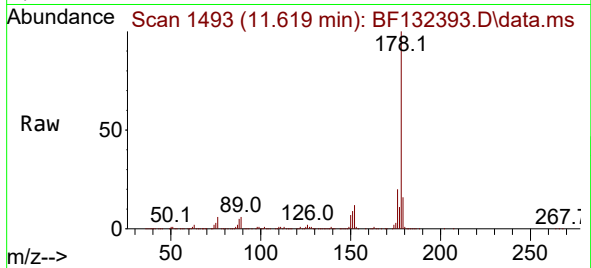
Ion	Ratio	Lower	Upper
266	100		
268	66.1	53.0	79.4
264	62.6	50.5	75.7





#71
Phenanthrene
Concen: 45.802 ng
RT: 11.619 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

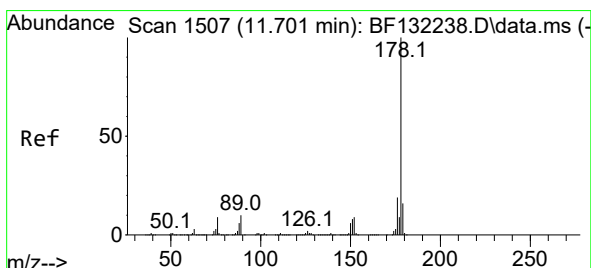
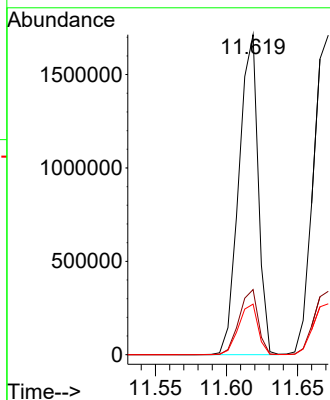
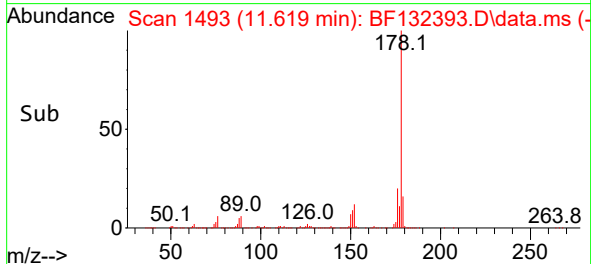
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



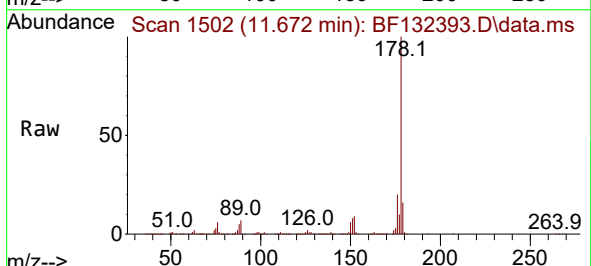
Tgt Ion:178 Resp: 162199
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.8 12.8 19.2

Manual Integrations
APPROVED

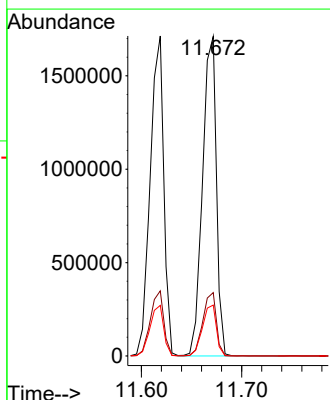
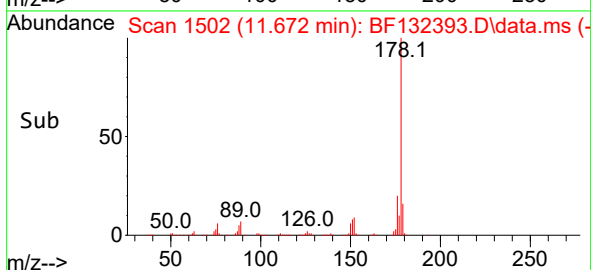
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

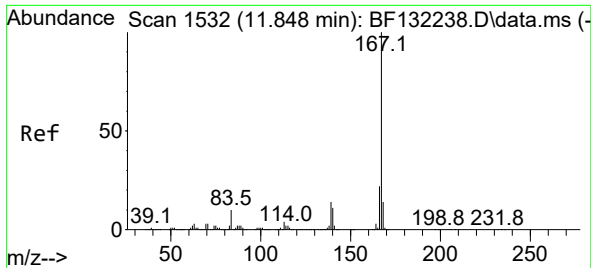


#72
Anthracene
Concen: 45.725 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



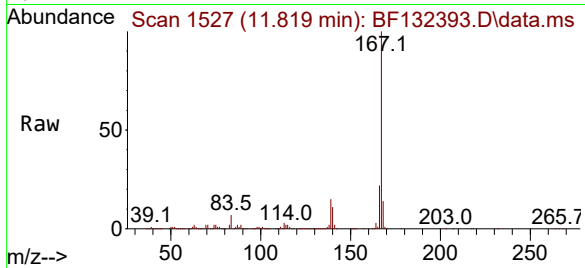
Tgt Ion:178 Resp: 1647909
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.9 12.8 19.2





#73
 Carbazole
 Concen: 33.286 ng
 RT: 11.819 min Scan# 1527
 Delta R.T. -0.006 min
 Lab File: BF132393.D
 Acq: 10 Feb 2023 18:16

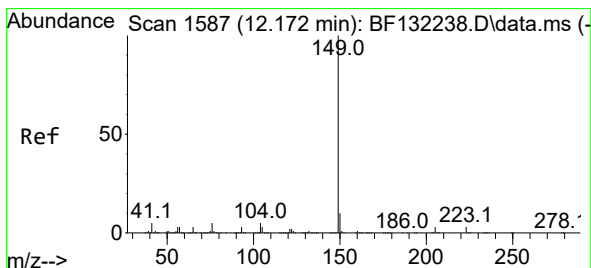
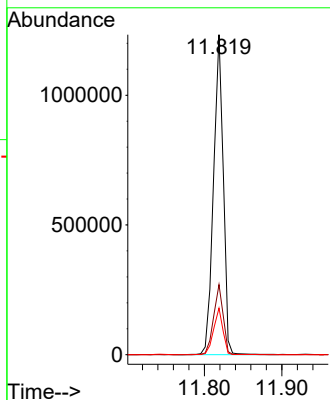
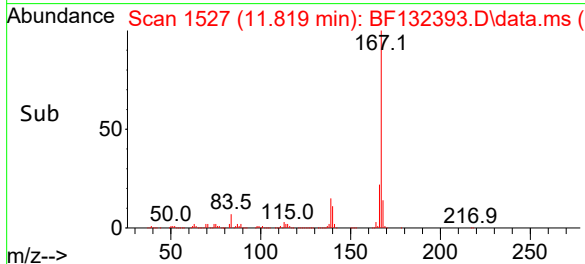
Instrument :
 BNA_F
 ClientSampleId :
 BARN-EAST-END-DRAINMSD



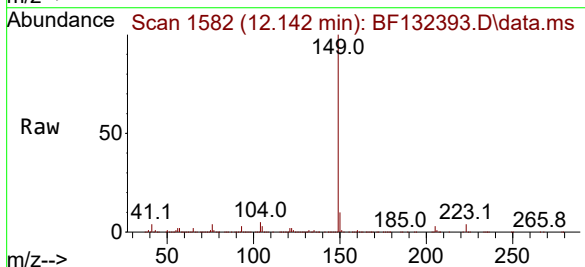
Tgt Ion:167 Resp: 1075629
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.5 11.4 17.2

Manual Integrations
 APPROVED

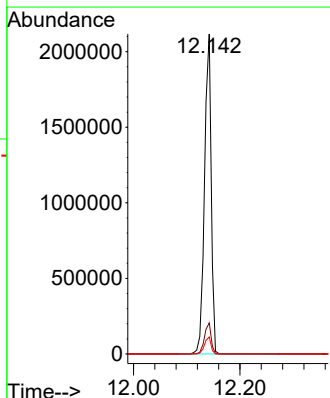
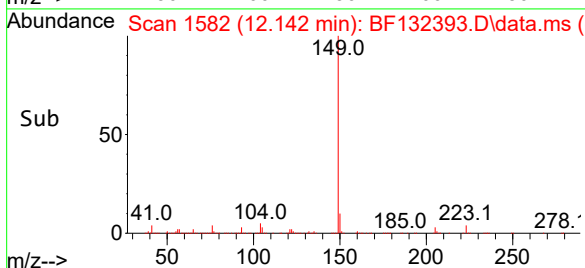
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023

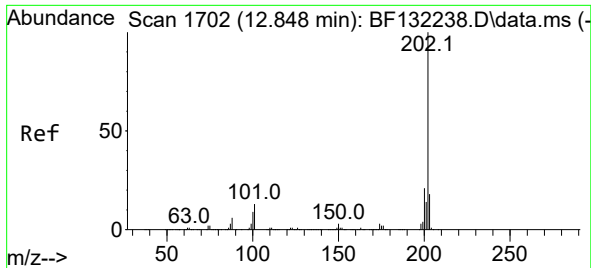


#74
 Di-n-butylphthalate
 Concen: 47.901 ng
 RT: 12.142 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF132393.D
 Acq: 10 Feb 2023 18:16



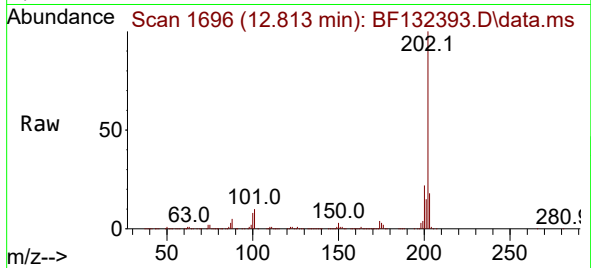
Tgt Ion:149 Resp: 1829991
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 45.189 ng
RT: 12.813 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

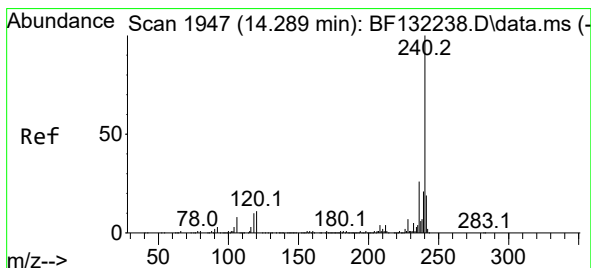
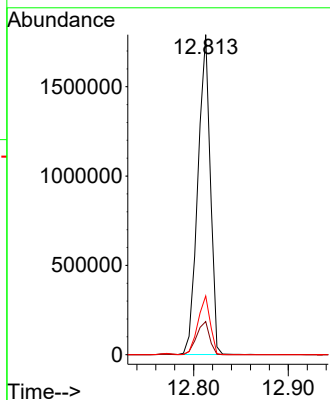
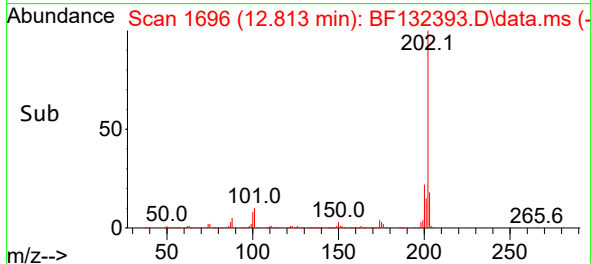
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:202 Resp: 1633049
Ion Ratio Lower Upper
202 100
101 10.4 0.0 32.7
203 18.4 0.0 37.9

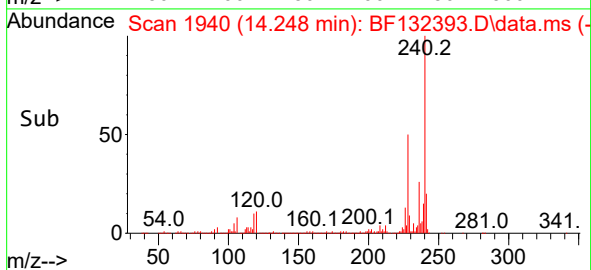
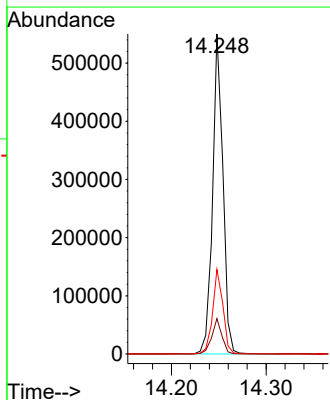
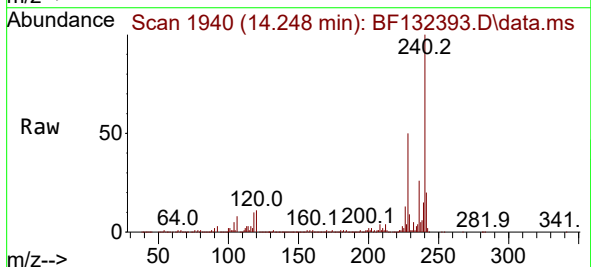
Manual Integrations
APPROVED

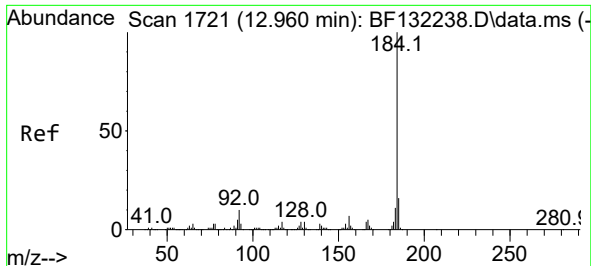
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

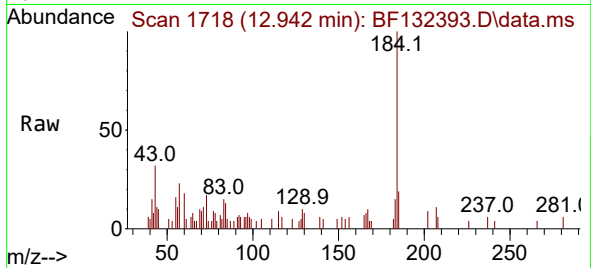
Tgt Ion:240 Resp: 416645
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 26.4 21.0 31.6





#77
Benzidine
Concen: 1.033 ng m
RT: 12.942 min Scan# 1718
Delta R.T. 0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

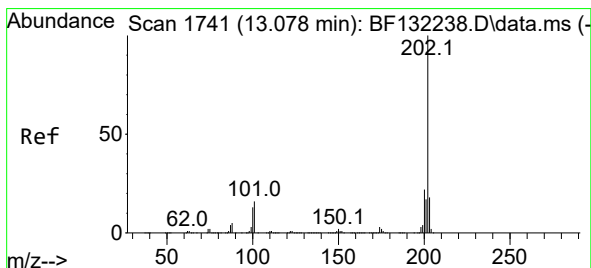
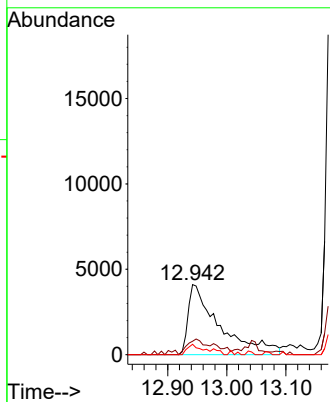
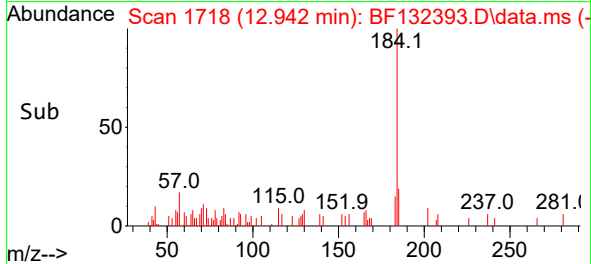
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:184 Resp: 15040
Ion Ratio Lower Upper
184 100
185 19.2 12.6 18.8
183 14.8 8.9 13.3

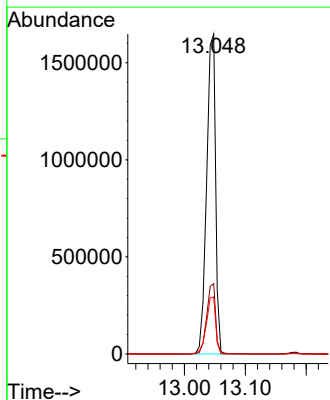
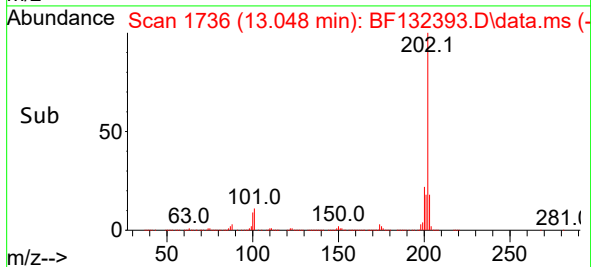
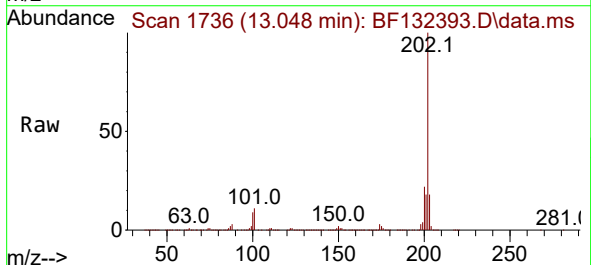
Manual Integrations
APPROVED

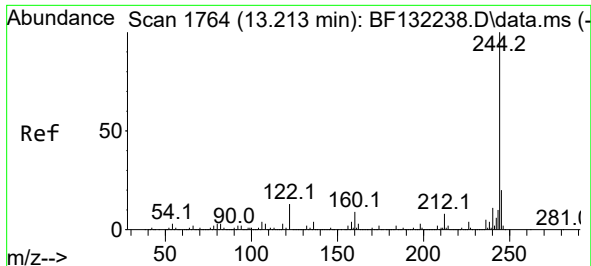
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#78
Pyrene
Concen: 50.257 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

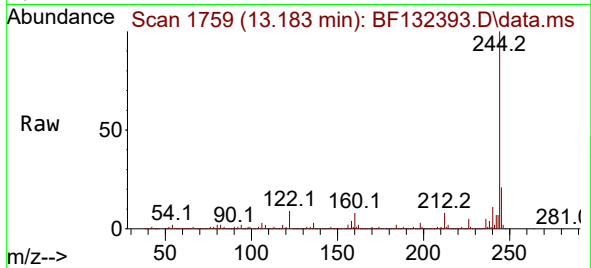
Tgt Ion:202 Resp: 1684166
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 17.8 14.4 21.6





#79
 Terphenyl-d14
 Concen: 110.189 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132393.D
 Acq: 10 Feb 2023 18:16

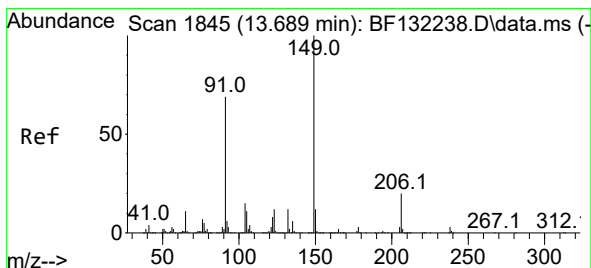
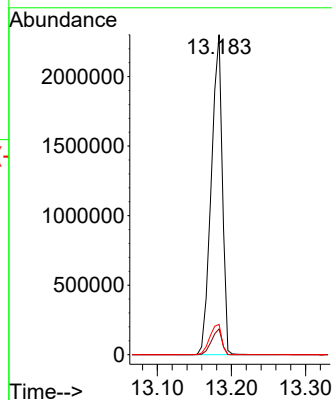
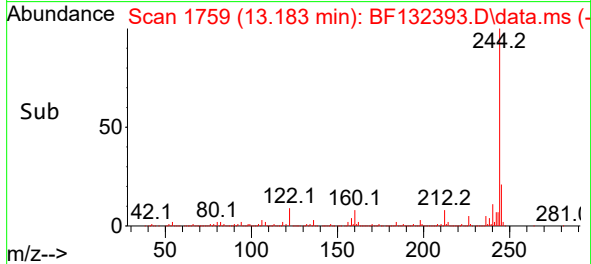
Instrument :
 BNA_F
 ClientSampleId :
 BARN-EAST-END-DRAINMSD



Tgt Ion:244 Resp: 2373324
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 9.5 10.5 15.7

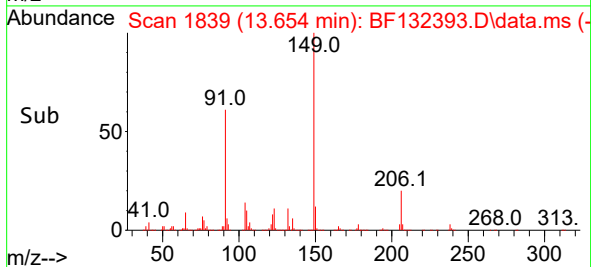
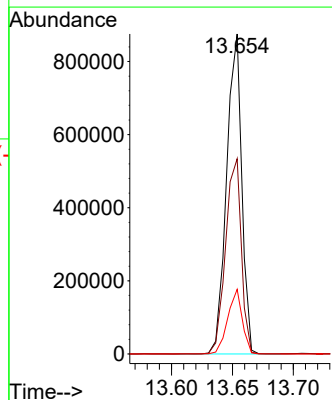
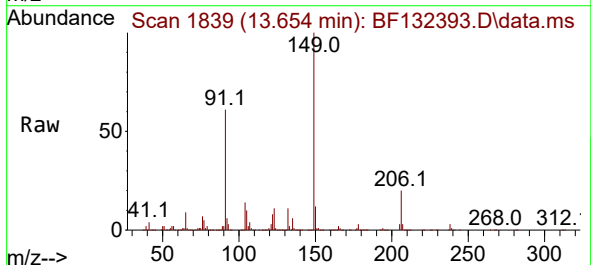
Manual Integrations
 APPROVED

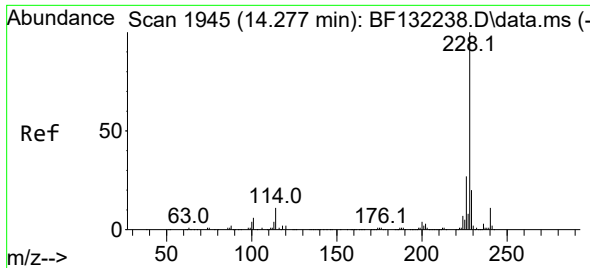
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#80
 Butylbenzylphthalate
 Concen: 51.407 ng
 RT: 13.654 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF132393.D
 Acq: 10 Feb 2023 18:16

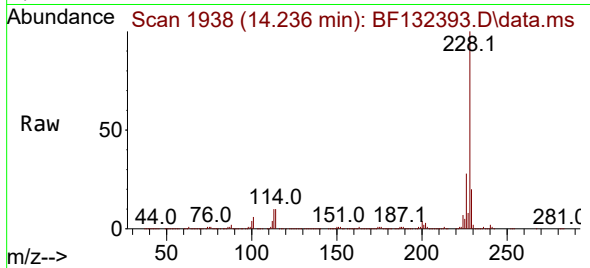
Tgt Ion:149 Resp: 761118
 Ion Ratio Lower Upper
 149 100
 91 61.0 55.0 82.6
 206 20.2 15.9 23.9





#81
Benzo(a)anthracene
Concen: 47.808 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

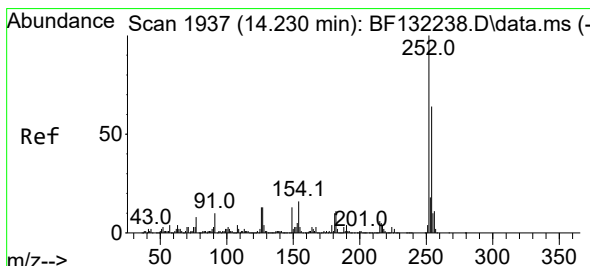
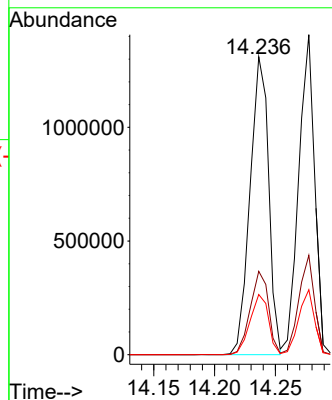
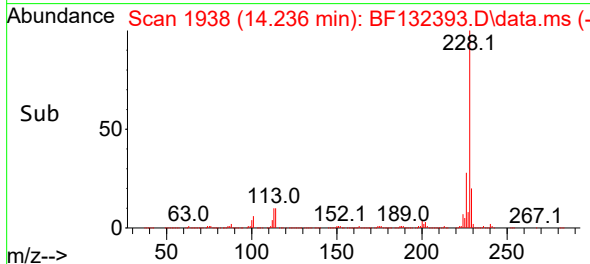
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



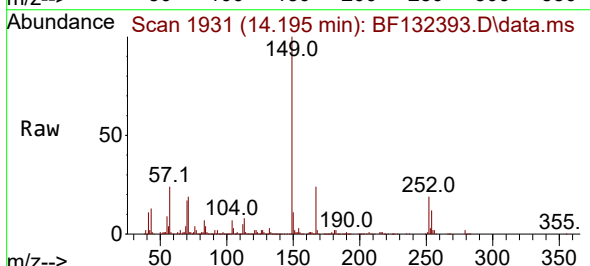
Tgt Ion:228 Resp: 139316
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.2 15.8 23.6

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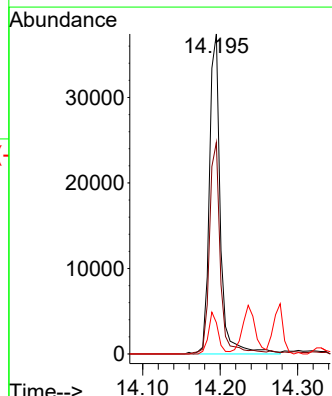
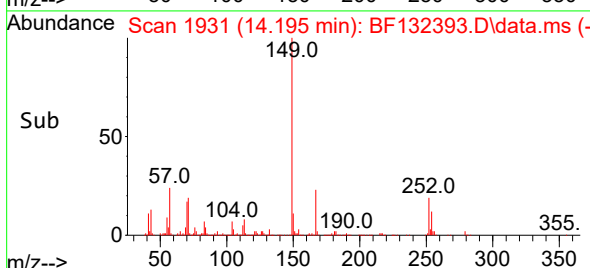
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

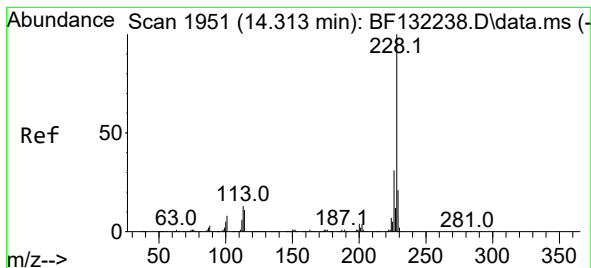


#82
3,3'-Dichlorobenzidine
Concen: 3.960 ng
RT: 14.195 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16



Tgt Ion:252 Resp: 36752
Ion Ratio Lower Upper
252 100
254 66.1 51.6 77.4
126 9.8 10.5 15.7#





#83

Chrysene

Concen: 47.168 ng

RT: 14.277 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMSD

Tgt Ion:228 Resp: 1287058

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

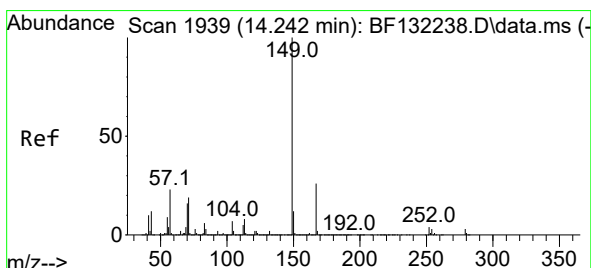
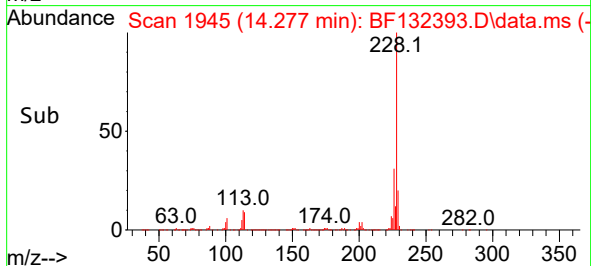
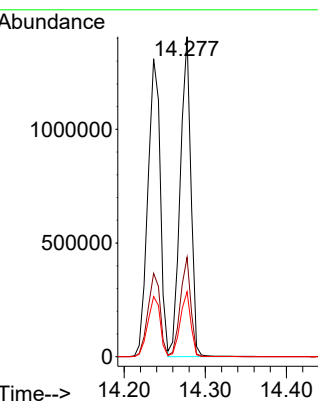
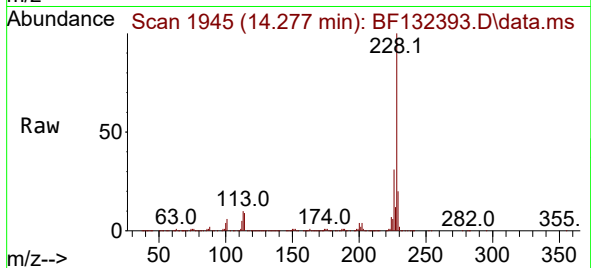
229 20.3 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.058 ng

RT: 14.207 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

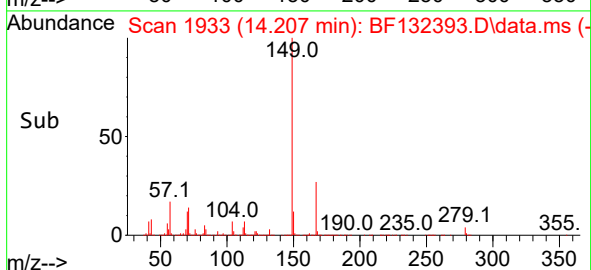
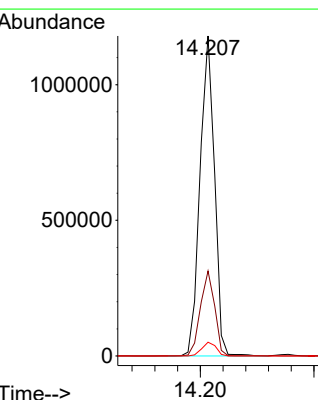
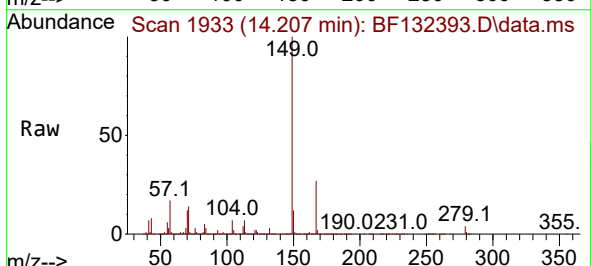
Tgt Ion:149 Resp: 1041803

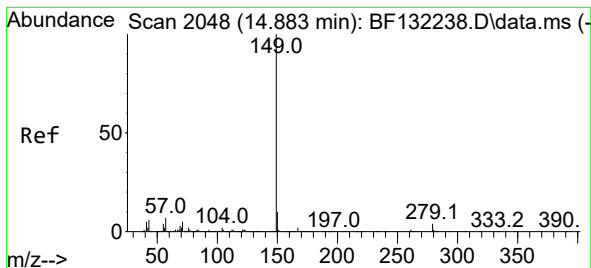
Ion Ratio Lower Upper

149 100

167 26.5 20.7 31.1

279 4.3 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 48.713 ng

RT: 14.836 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BF132393.D

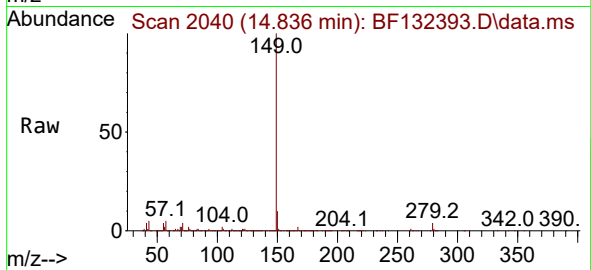
Acq: 10 Feb 2023 18:16

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMSD



Tgt Ion:149 Resp: 1590069

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

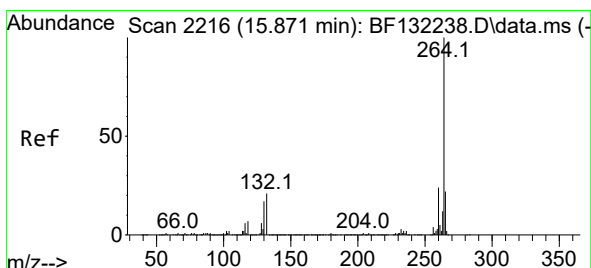
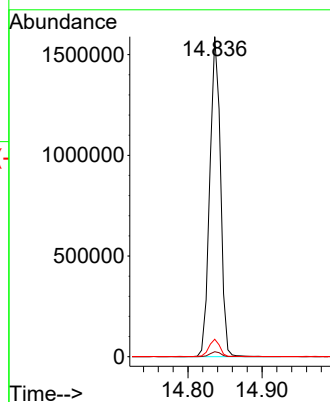
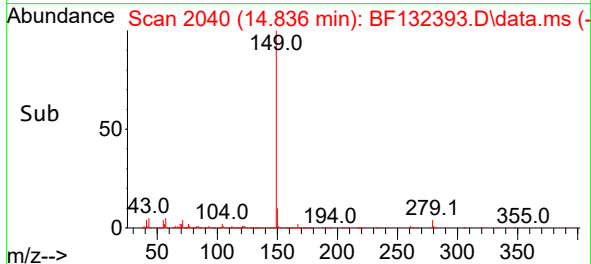
43 5.5 5.9 8.9

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: 15.813 min Scan# 2206

Delta R.T. -0.012 min

Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

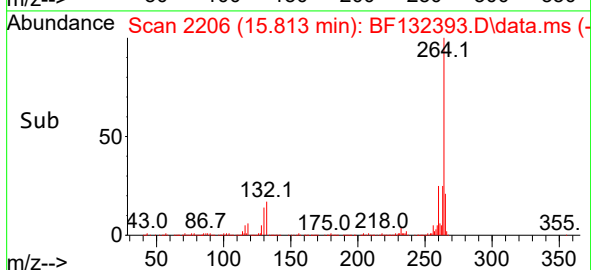
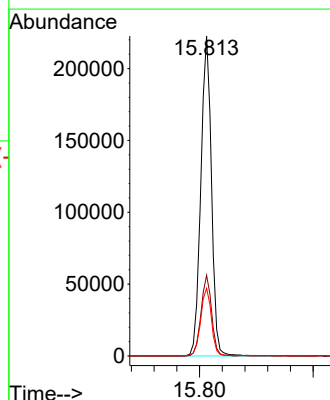
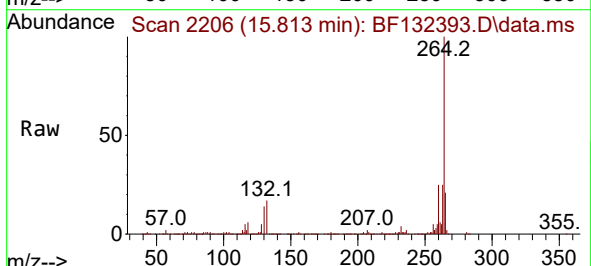
Tgt Ion:264 Resp: 289735

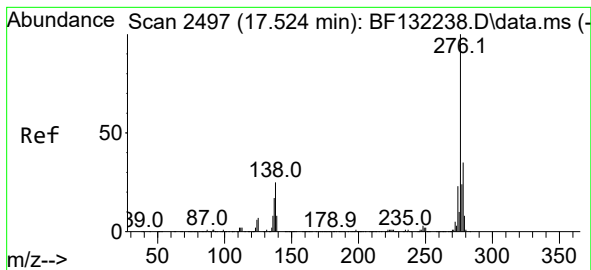
Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.4

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.413 ng

RT: 17.442 min Scan# 2497

Delta R.T. -0.012 min

Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

Instrument :

BNA_F

ClientSampleId :

BARN-EAST-END-DRAINMSD

Tgt Ion:276 Resp: 1163052

Ion Ratio Lower Upper

276 100

138 24.5 23.3 34.9

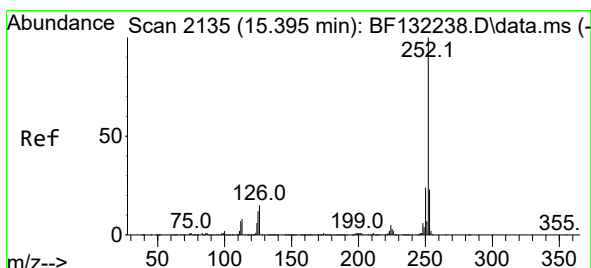
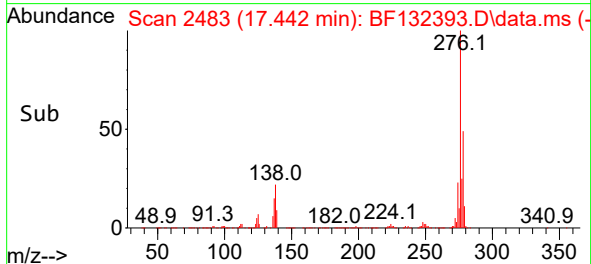
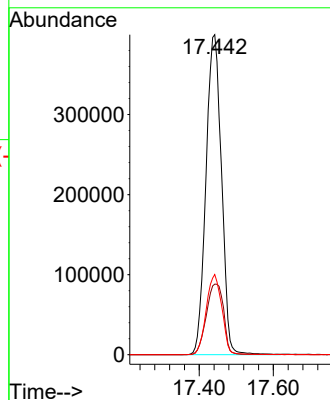
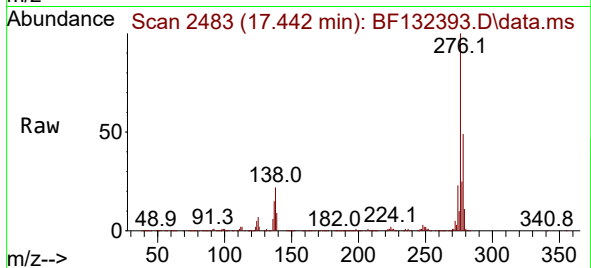
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#88

Benzo(b)fluoranthene

Concen: 61.704 ng

RT: 15.342 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF132393.D

Acq: 10 Feb 2023 18:16

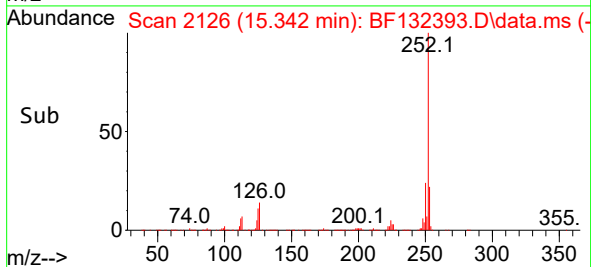
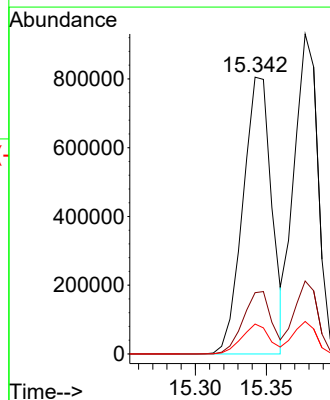
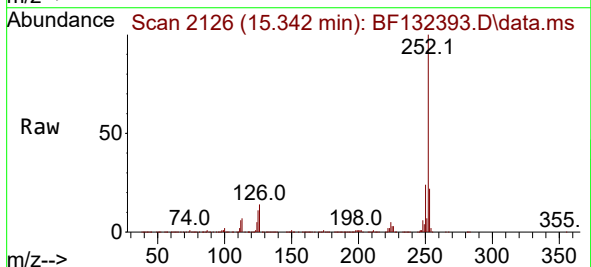
Tgt Ion:252 Resp: 1136393

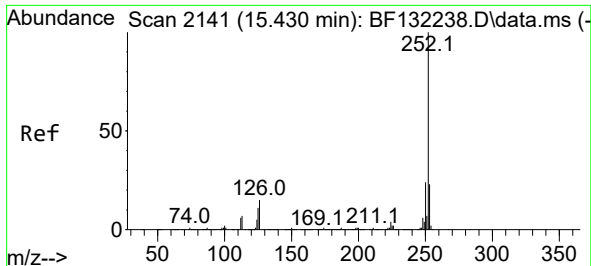
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

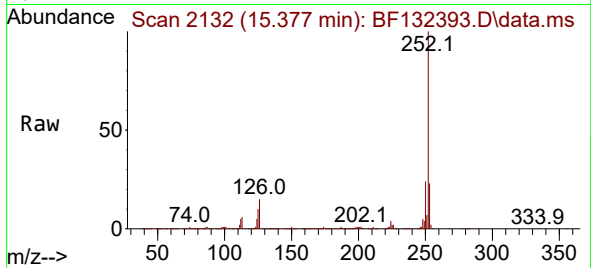
125 10.8 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 62.015 ng
RT: 15.377 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

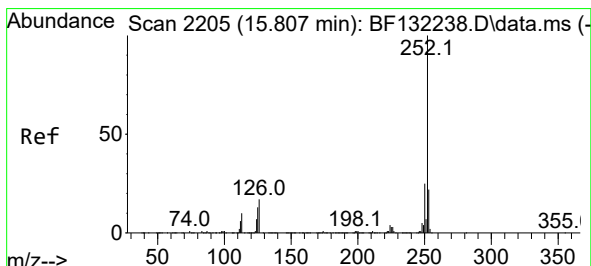
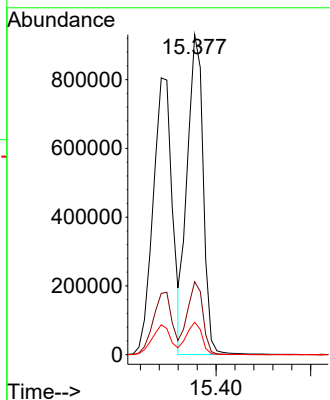
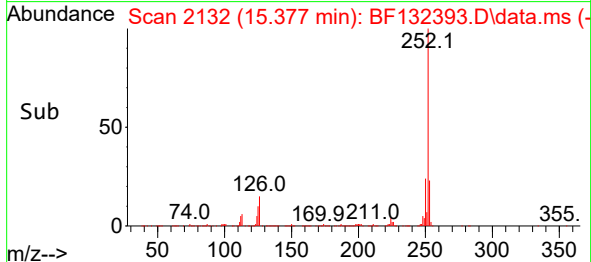
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:252 Resp: 109018
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.1 9.0 13.6

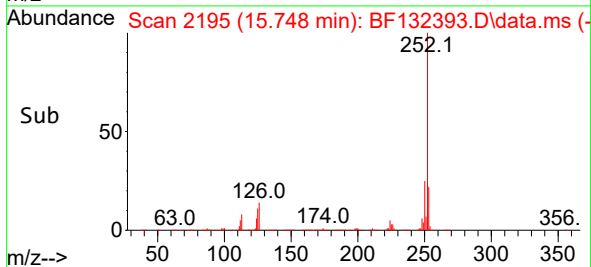
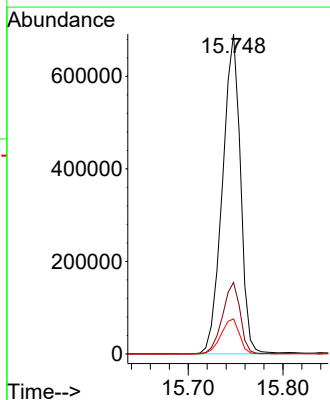
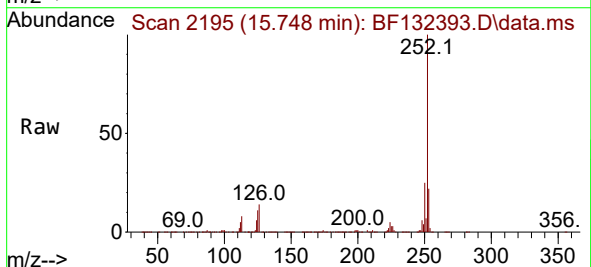
Manual Integrations
APPROVED

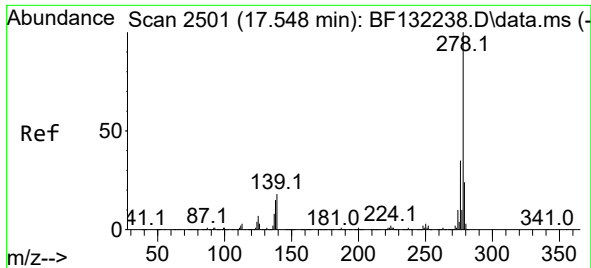
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#90
Benzo(a)pyrene
Concen: 53.224 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

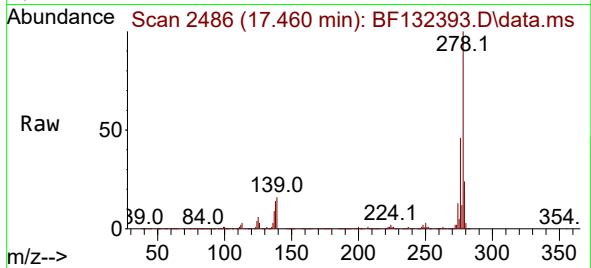
Tgt Ion:252 Resp: 912773
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.0 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 62.324 ng
RT: 17.460 min Scan# 2486
Delta R.T. -0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

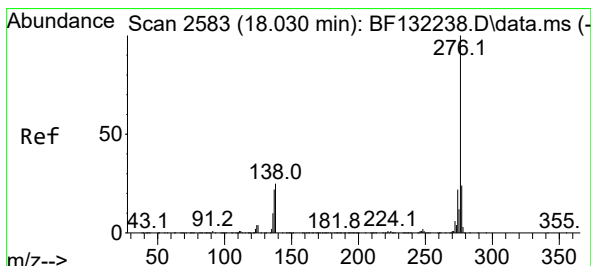
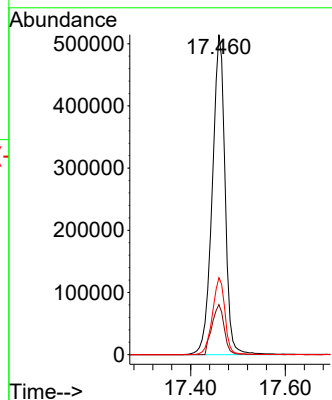
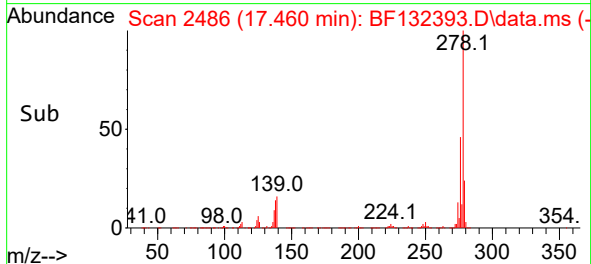
Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD



Tgt Ion:278 Resp: 964668
Ion Ratio Lower Upper
278 100
139 15.7 14.2 21.2
279 24.1 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: 59.245 ng
RT: 17.942 min Scan# 2568
Delta R.T. -0.012 min
Lab File: BF132393.D
Acq: 10 Feb 2023 18:16

Tgt Ion:276 Resp: 947358
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 20.2 20.3 30.5#

