

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132317.D
 Acq On : 03 Feb 2023 11:47
 Operator : CG\JU
 Sample : PB150645BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150645BS

Quant Time: Feb 04 01:35:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	211942	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	817050	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	413822	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	750068	20.000	ng	0.00
76) Chrysene-d12	14.277	240	389414	20.000	ng	0.00
86) Perylene-d12	15.854	264	352436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1562885	118.531	ng	0.02
7) Phenol-d6	6.684	99	1907296	117.331	ng	0.00
23) Nitrobenzene-d5	7.631	82	1165718	79.394	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	626913	147.315	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	2065876	77.092	ng	0.00
79) Terphenyl-d14	13.207	244	2263985	112.463	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.096	88	216684	34.925	ng	96
3) Pyridine	3.819	79	563233	33.463	ng	97
4) n-Nitrosodimethylamine	3.790	42	204222	37.919	ng	87
6) Aniline	6.719	93	762191m	34.553	ng	
8) 2-Chlorophenol	6.843	128	643195	47.099	ng	97
9) Benzaldehyde	6.607	77	249660	24.168	ng	99
10) Phenol	6.695	94	701296	41.681	ng	98
11) bis(2-Chloroethyl)ether	6.790	93	609927	44.047	ng	97
12) 1,3-Dichlorobenzene	7.001	146	662067	45.838	ng	99
13) 1,4-Dichlorobenzene	7.078	146	669387	46.429	ng	99
14) 1,2-Dichlorobenzene	7.231	146	651354	48.444	ng	98
15) Benzyl Alcohol	7.201	79	491388	41.428	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.331	45	567471	38.896	ng	94
17) 2-Methylphenol	7.301	107	502247	42.015	ng	99
18) Hexachloroethane	7.578	117	253829	46.931	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	348391	37.731	ng	96
20) 3+4-Methylphenols	7.454	107	611619	40.087	ng	94
22) Acetophenone	7.472	105	789970	41.113	ng	98
24) Nitrobenzene	7.648	77	589535	39.302	ng	94
25) Isophorone	7.884	82	1138568	40.856	ng	97
26) 2-Nitrophenol	7.960	139	344046	47.088	ng	94
27) 2,4-Dimethylphenol	7.989	122	566591	44.304	ng	99
28) bis(2-Chloroethoxy)met...	8.089	93	708139	41.350	ng	99
29) 2,4-Dichlorophenol	8.201	162	517541	45.581	ng	97
30) 1,2,4-Trichlorobenzene	8.289	180	562542	46.267	ng	97
31) Naphthalene	8.372	128	1688670	41.988	ng	99
32) Benzoic acid	8.113	122	444190	46.923	ng	88
33) 4-Chloroaniline	8.413	127	308526	17.300	ng	97
34) Hexachlorobutadiene	8.484	225	323829	47.376	ng	100
35) Caprolactam	8.795	113	174640m	45.117	ng	
36) 4-Chloro-3-methylphenol	8.889	107	533572	43.620	ng	97
37) 2-Methylnaphthalene	9.066	142	1122214	41.194	ng	100
38) 1-Methylnaphthalene	9.166	142	1037783	40.993	ng	100
40) 1,2,4,5-Tetrachloroben...	9.231	216	510536	43.840	ng	100
41) Hexachlorocyclopentadiene	9.219	237	640833	94.319	ng	100
43) 2,4,6-Trichlorophenol	9.336	196	380126	45.664	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	406509	42.427	ng	99
46) 1,1'-Biphenyl	9.531	154	1346376	42.202	ng	97
47) 2-Chloronaphthalene	9.560	162	1050604	43.236	ng	100
48) 2-Nitroaniline	9.648	65	271539	37.575	ng	86
49) Acenaphthylene	9.978	152	1651222	41.637	ng	99
50) Dimethylphthalate	9.831	163	1247683	43.102	ng	99
51) 2,6-Dinitrotoluene	9.889	165	295837	45.760	ng	90
52) Acenaphthene	10.148	154	1162459	46.820	ng	99
53) 3-Nitroaniline	10.060	138	225503	28.763	ng	99
54) 2,4-Dinitrophenol	10.172	184	334978	88.879	ng	89
55) Dibenzofuran	10.325	168	1436307	41.173	ng	99
56) 4-Nitrophenol	10.219	139	499175	84.610	ng	95
57) 2,4-Dinitrotoluene	10.301	165	381982	45.485	ng	89
58) Fluorene	10.666	166	1106291	41.207	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	327278	46.854	ng	98
60) Diethylphthalate	10.531	149	1257735	43.676	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	550430	43.201	ng	97
62) 4-Nitroaniline	10.683	138	302956	40.296	ng	98
63) Azobenzene	10.813	77	1068659	38.098	ng	97
65) 4,6-Dinitro-2-methylph...	10.707	198	212159	49.837	ng	99
66) n-Nitrosodiphenylamine	10.778	169	998731	42.522	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	354808	46.195	ng	98
68) Hexachlorobenzene	11.219	284	409629	49.898	ng	# 91
69) Atrazine	11.301	200	345352	51.120	ng	99
70) Pentachlorophenol	11.413	266	455327	80.723	ng	99
71) Phenanthrene	11.636	178	1649370	42.081	ng	99
72) Anthracene	11.689	178	1673402	41.952	ng	99
73) Carbazole	11.842	167	1479053	41.354	ng	99
74) Di-n-butylphthalate	12.160	149	1894533	44.805	ng	99
75) Fluoranthene	12.836	202	1620704	40.520	ng	98
77) Benzidine	12.948	184	480501	35.294	ng	99
78) Pyrene	13.066	202	1627254	51.954	ng	99
80) Butylbenzylphthalate	13.677	149	712503	51.489	ng	96
81) Benzo(a)anthracene	14.266	228	1226674	45.038	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	244768	28.216	ng	99
83) Chrysene	14.301	228	1113652	43.667	ng	99
84) Bis(2-ethylhexyl)phtha...	14.230	149	933937	49.932	ng	100
85) Di-n-octyl phthalate	14.866	149	1362541	44.662	ng	97
87) Indeno(1,2,3-cd)pyrene	17.501	276	1211084	51.716	ng	98
88) Benzo(b)fluoranthene	15.383	252	1068048	47.676	ng	98
89) Benzo(k)fluoranthene	15.413	252	1030202	48.177	ng	99
90) Benzo(a)pyrene	15.789	252	923681	44.278	ng	99
91) Dibenzo(a,h)anthracene	17.524	278	994308	52.810	ng	99
92) Benzo(g,h,i)perylene	18.006	276	1008066	51.826	ng	98

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

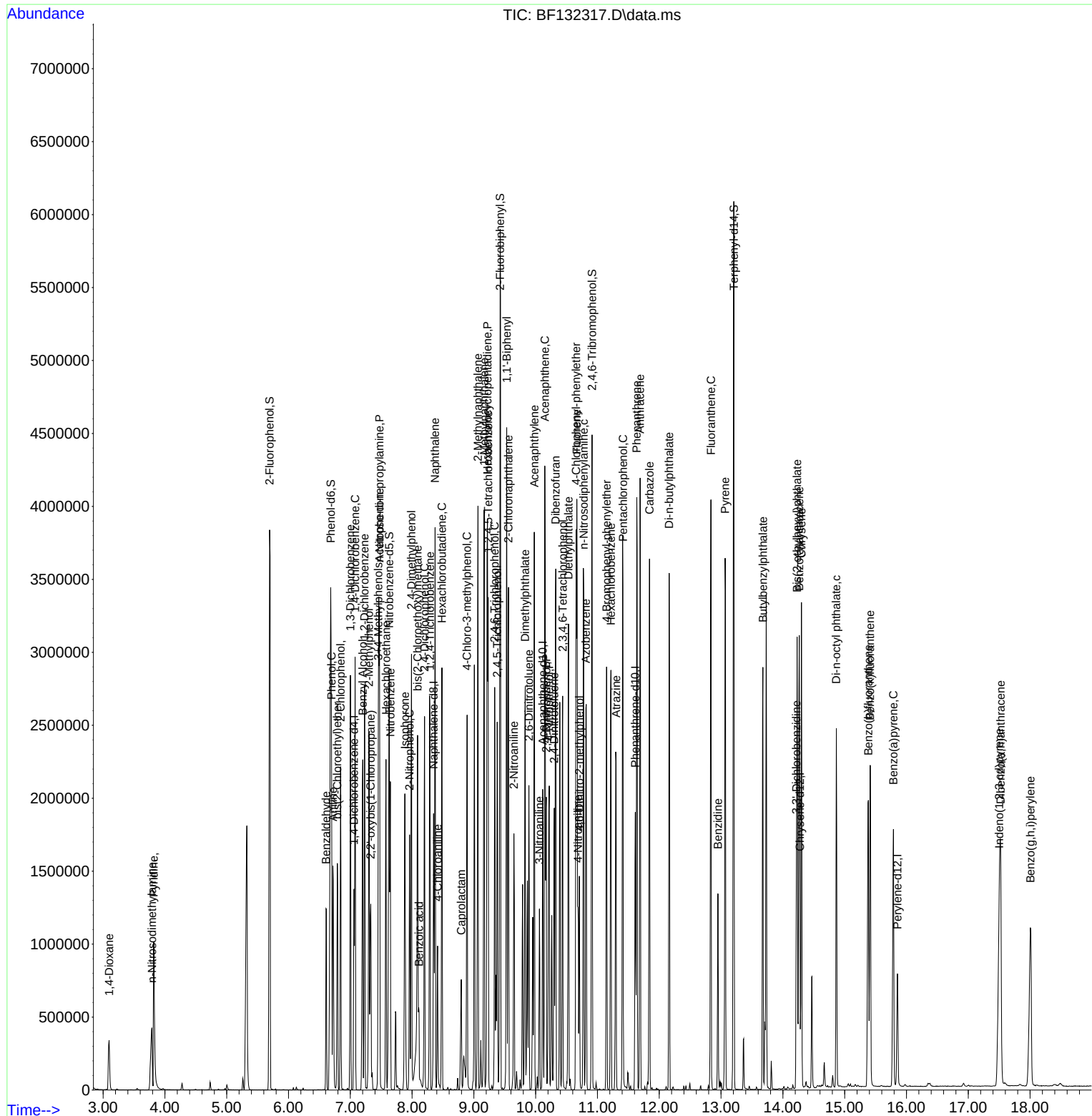
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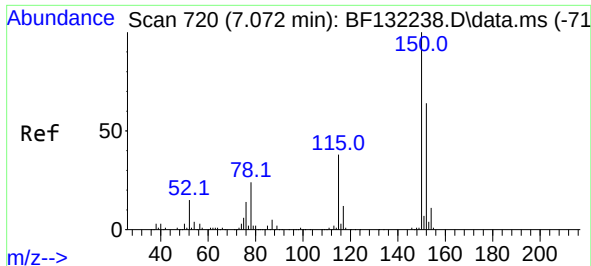
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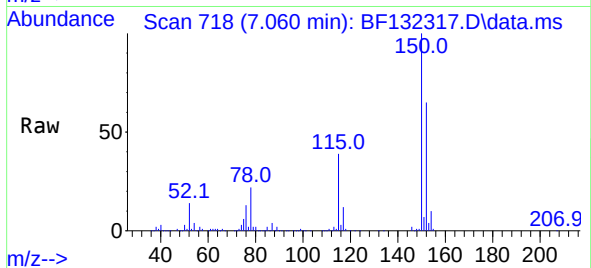
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

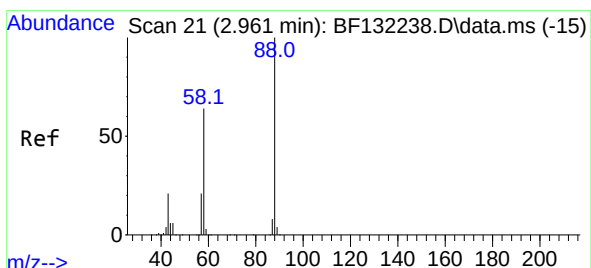
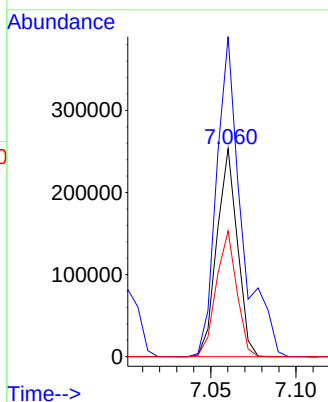
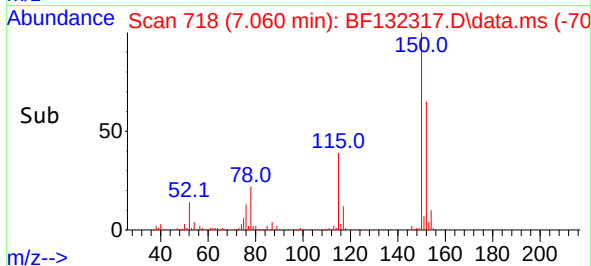


Tgt Ion:152 Resp: 21194
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 60.4 47.3 70.9

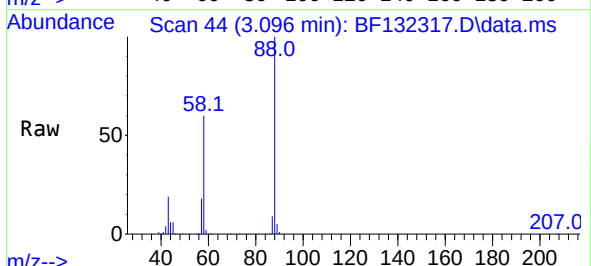
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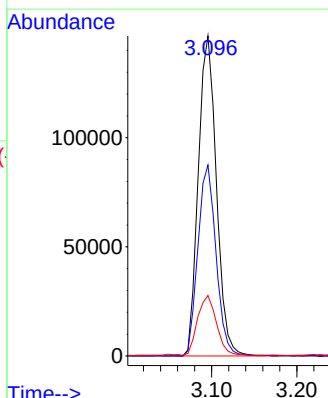
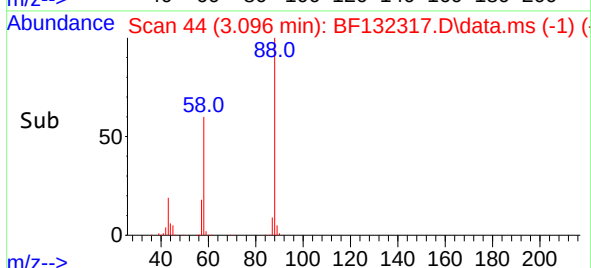
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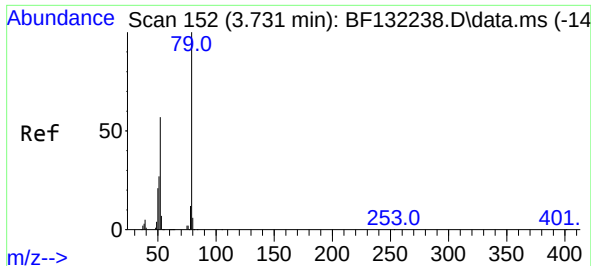


#2
1,4-Dioxane
Concen: 34.925 ng
RT: 3.096 min Scan# 44
Delta R.T. 0.106 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion: 88 Resp: 216684
Ion Ratio Lower Upper
88 100
58 59.7 50.2 75.2
43 19.4 16.9 25.3





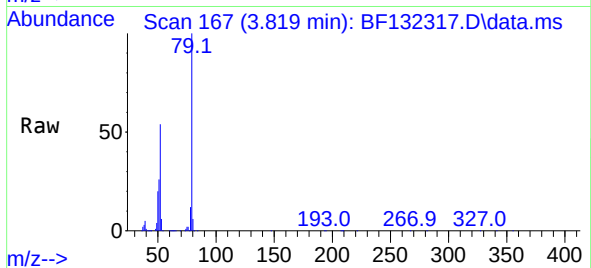
#3
Pyridine
Concen: 33.463 ng
RT: 3.819 min Scan# 10
Delta R.T. 0.071 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

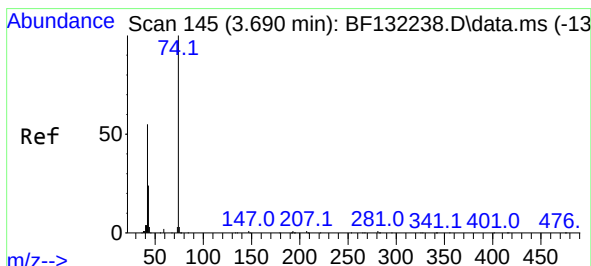
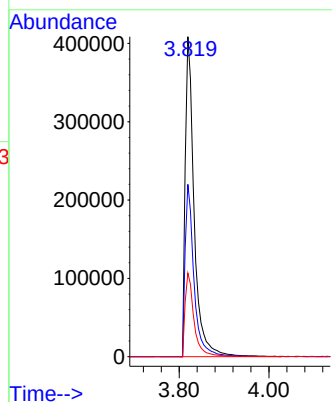
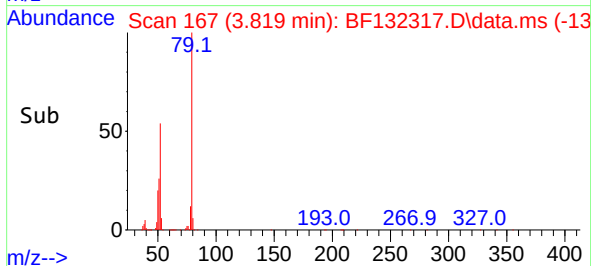


Tgt Ion: 79 Resp: 56323
Ion Ratio Lower Upper
79 100
52 53.9 45.6 68.4
51 26.2 21.5 32.3

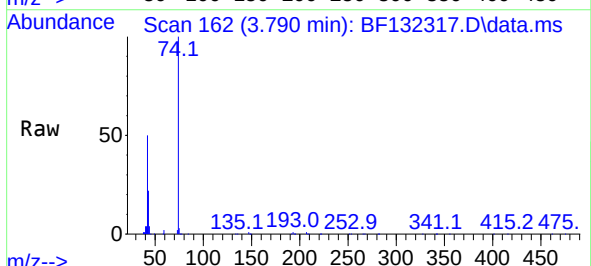
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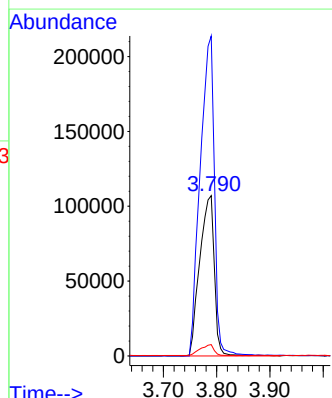
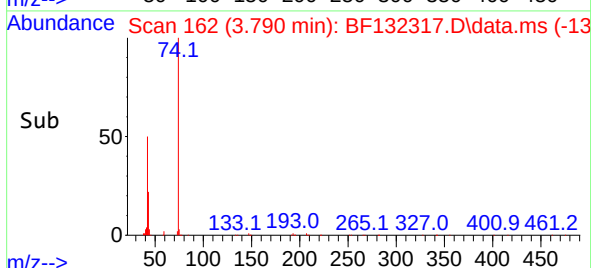
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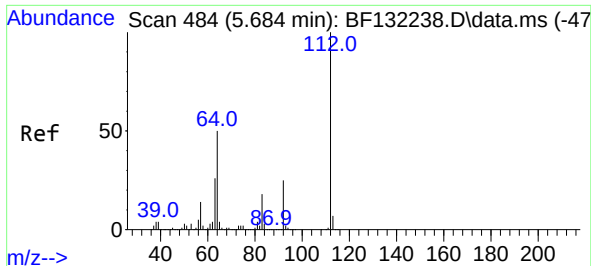


#4
n-Nitrosodimethylamine
Concen: 37.919 ng
RT: 3.790 min Scan# 162
Delta R.T. 0.071 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion: 42 Resp: 204222
Ion Ratio Lower Upper
42 100
74 199.6 144.6 217.0
44 7.1 5.1 7.7





#5
2-Fluorophenol
Concen: 118.531 ng
RT: 5.696 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

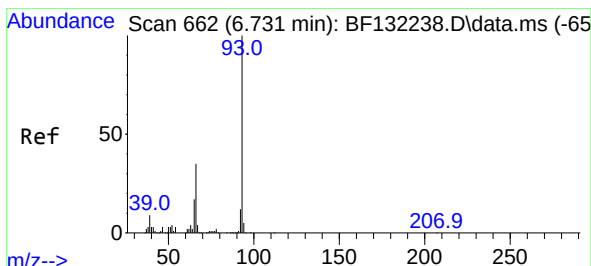
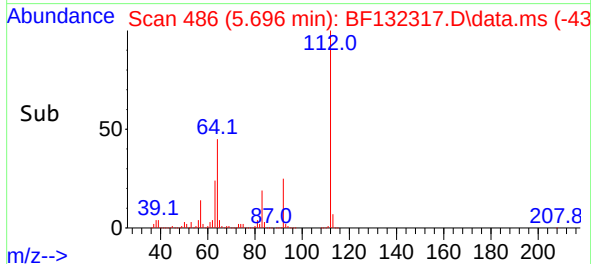
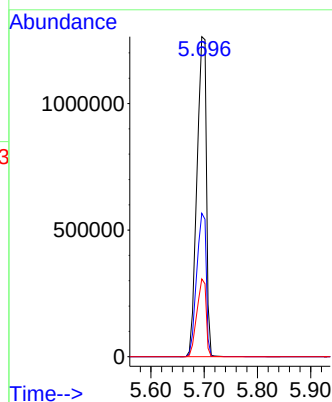
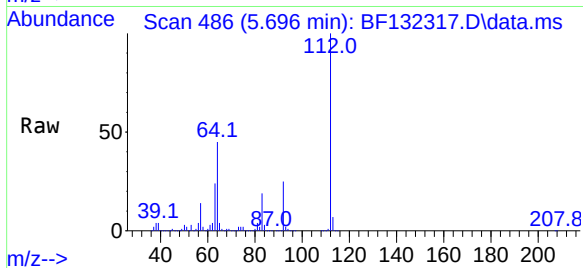
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Tgt Ion:112 Resp: 156288
Ion Ratio Lower Upper
112 100
64 44.8 40.0 60.0
63 24.3 20.5 30.7

Manual Integrations

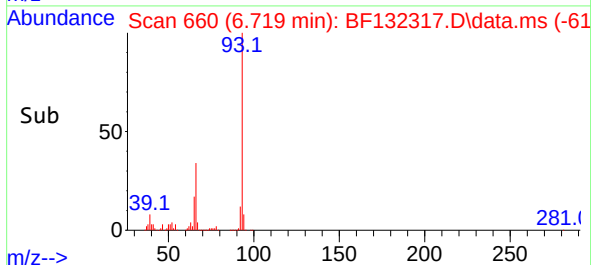
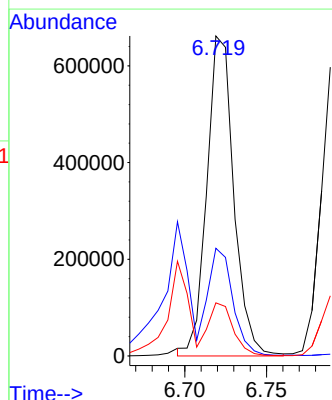
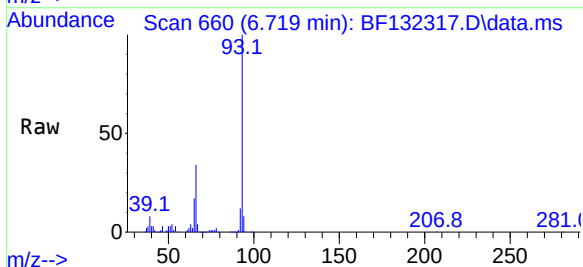
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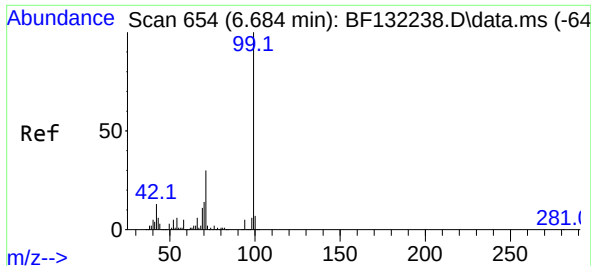
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#6
Aniline
Concen: 34.553 ng m
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132317.D
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Tgt Ion: 93 Resp: 762191
Ion Ratio Lower Upper
93 100
66 33.6 28.8 43.2
65 16.6 14.2 21.4





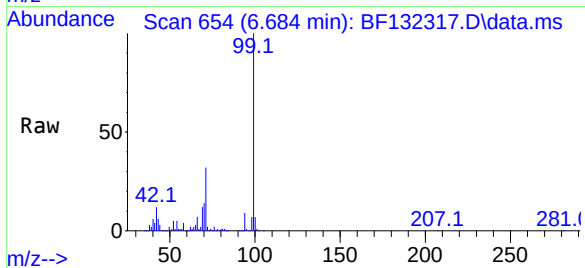
#7
Phenol-d6
Concen: 117.331 ng
RT: 6.684 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132317.D
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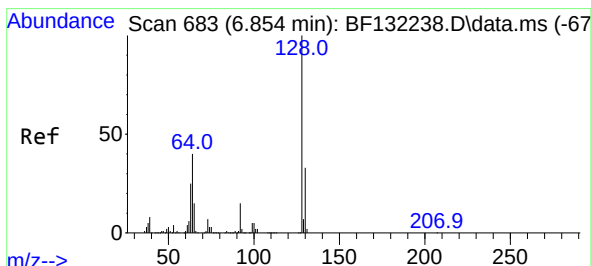
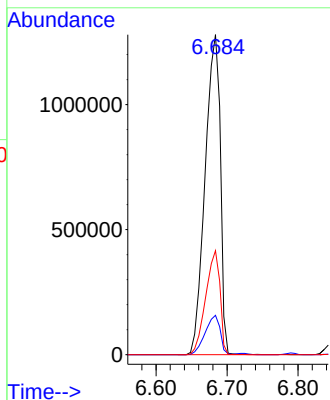
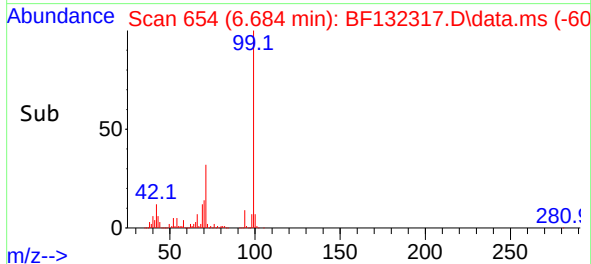


Tgt Ion: 99 Resp: 1907290
Ion Ratio Lower Upper
99 100
42 12.3 10.1 15.1
71 32.5 24.2 36.4

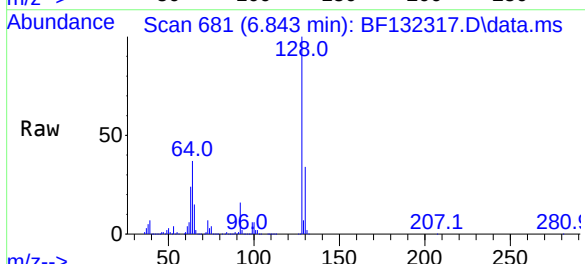
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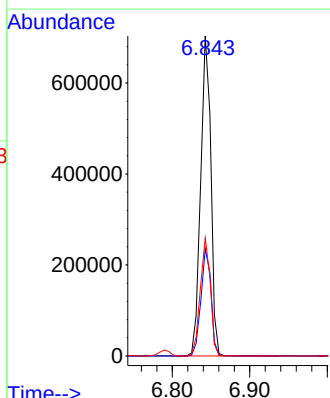
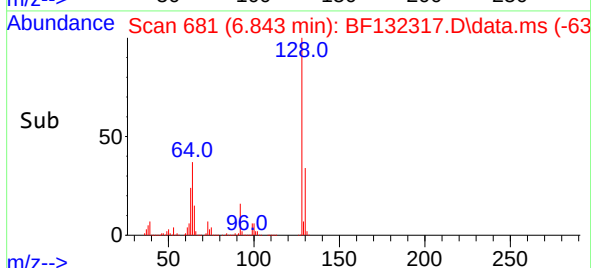
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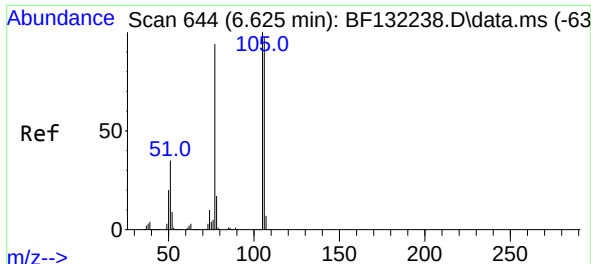


#8
2-Chlorophenol
Concen: 47.099 ng
RT: 6.843 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



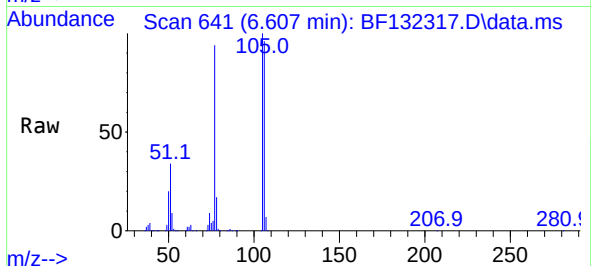
Tgt Ion:128 Resp: 643195
Ion Ratio Lower Upper
128 100
130 33.5 13.3 53.3
64 36.9 20.1 60.1





#9
Benzaldehyde
Concen: 24.168 ng
RT: 6.607 min Scan# 641
Delta R.T. -0.006 min
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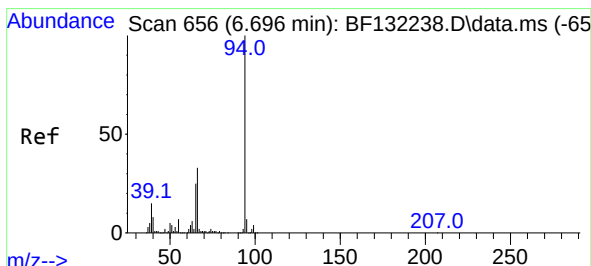
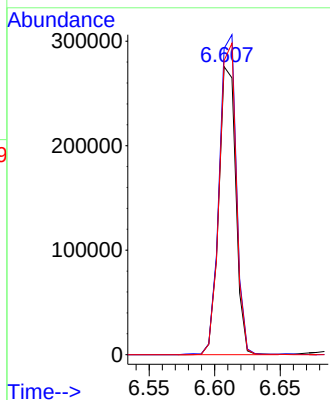
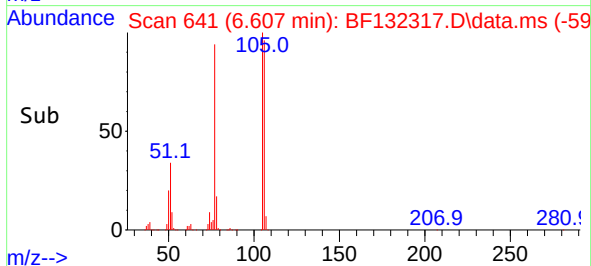
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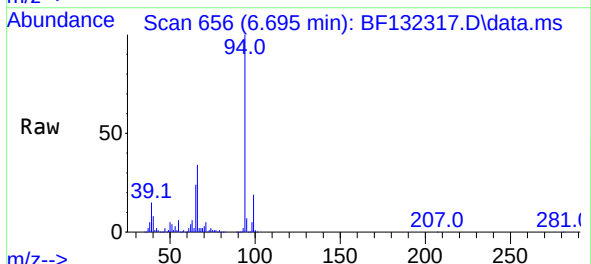
Tgt Ion: 77 Resp: 249660
Ion Ratio Lower Upper
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105 106.3 86.8 126.8
106 102.2 83.8 123.8

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APPROVED

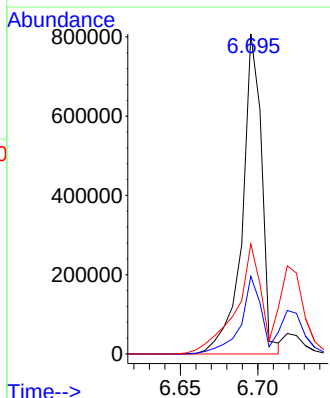
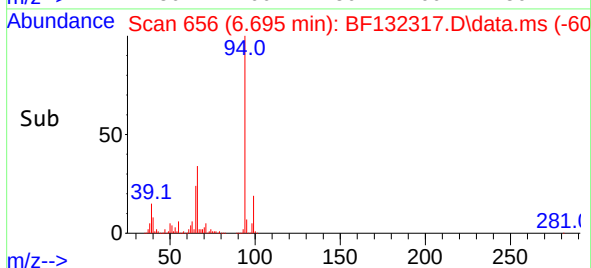
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

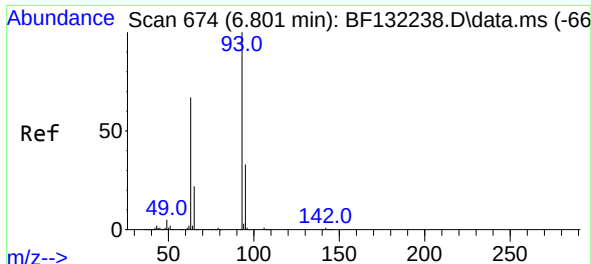


#10
Phenol
Concen: 41.681 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion: 94 Resp: 701296
Ion Ratio Lower Upper
94 100
65 24.3 5.1 45.1
66 34.4 13.0 53.0





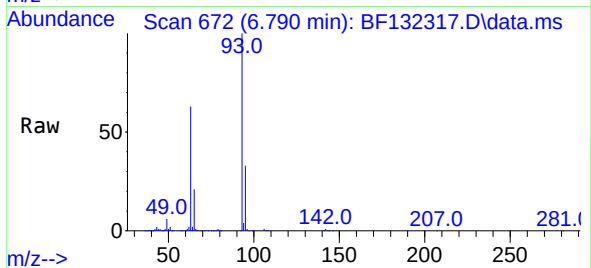
#11
bis(2-Chloroethyl)ether
Concen: 44.047 ng
RT: 6.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

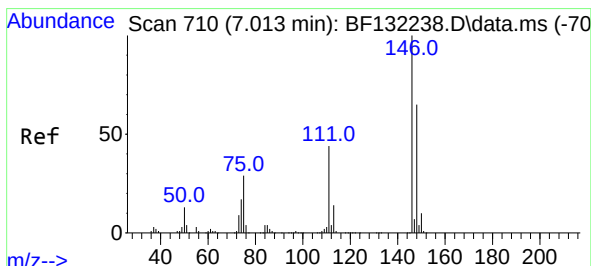
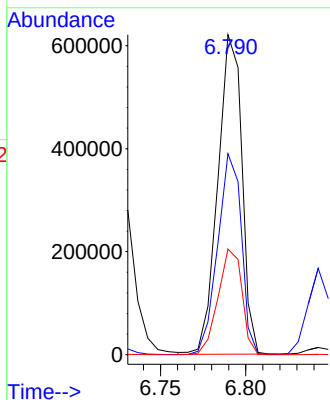
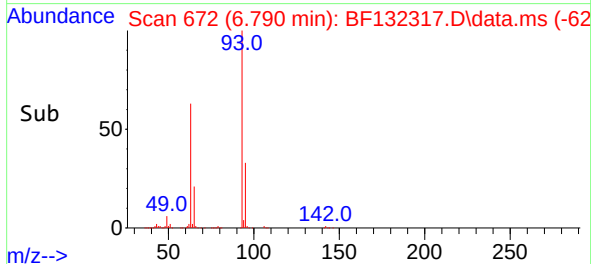


Tgt Ion: 93 Resp: 60992
Ion Ratio Lower Upper
93 100
63 62.8 46.7 86.7
95 33.0 13.4 53.4

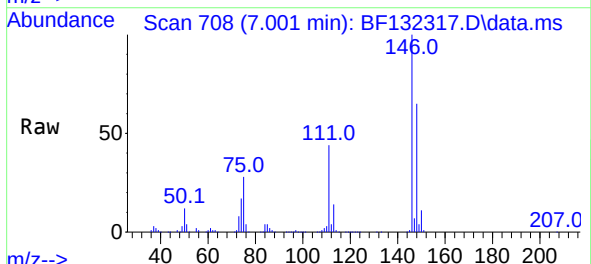
Manual Integrations

APPROVED

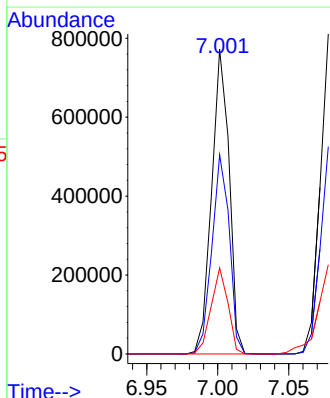
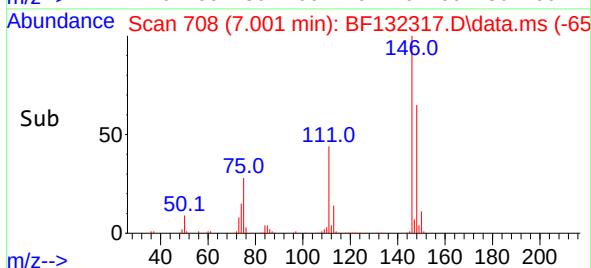
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

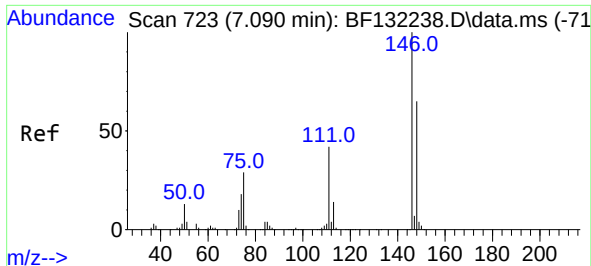


#12
1,3-Dichlorobenzene
Concen: 45.838 ng
RT: 7.001 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



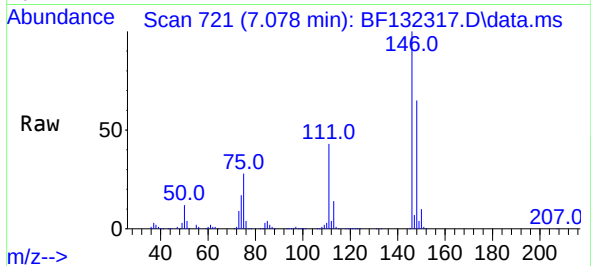
Tgt Ion:146 Resp: 662067
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 28.2 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 46.429 ng
RT: 7.078 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

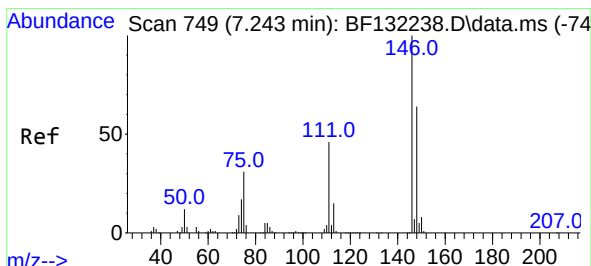
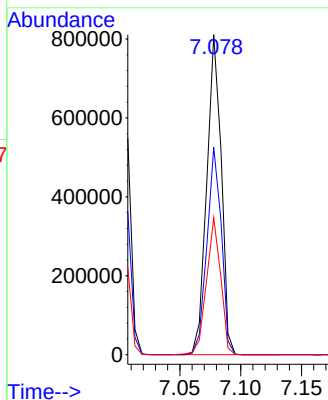
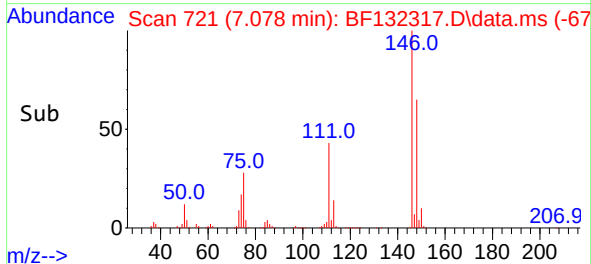
Instrument :
BNA_F
ClientSampleId :
PB150645BS



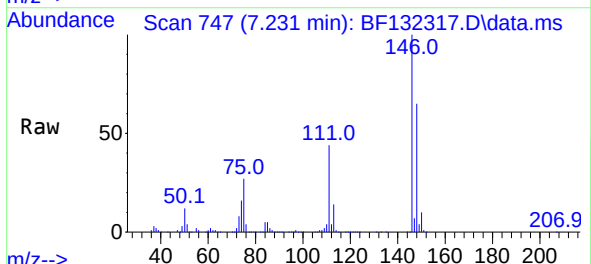
Tgt Ion:146 Resp: 66938
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 42.8 34.0 51.0

Manual Integrations
APPROVED

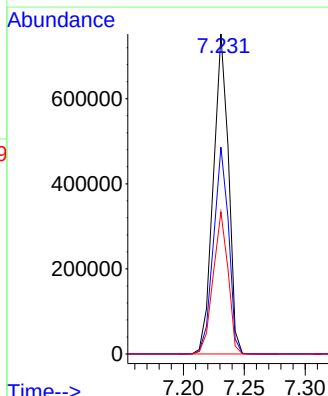
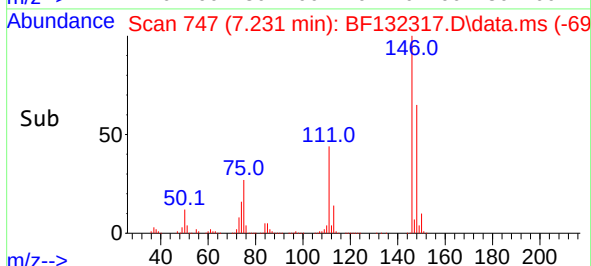
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

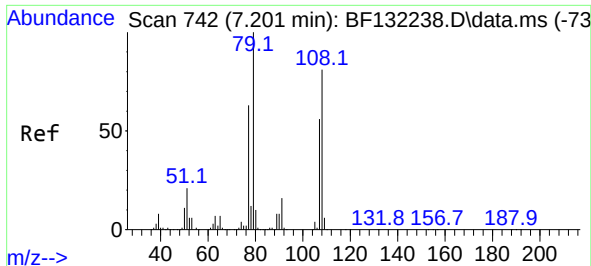


#14
1,2-Dichlorobenzene
Concen: 48.444 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



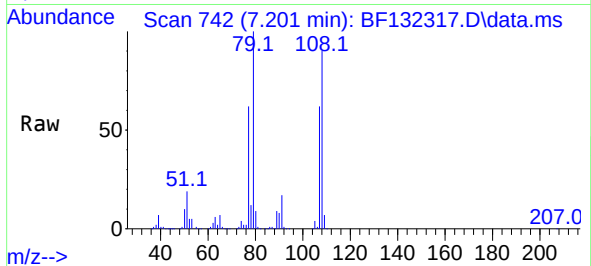
Tgt Ion:146 Resp: 651354
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 44.4 37.1 55.7





#15
Benzyl Alcohol
Concen: 41.428 ng
RT: 7.201 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

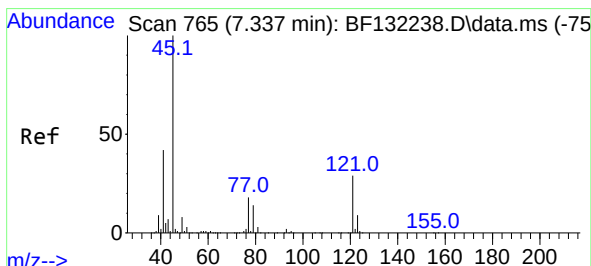
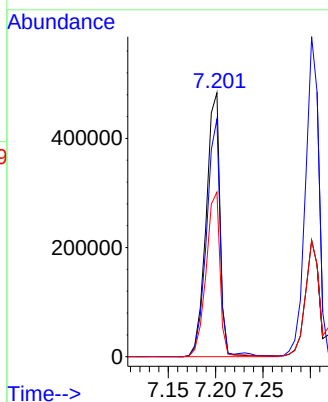
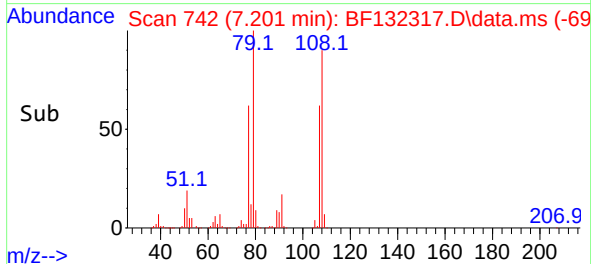
Instrument :
BNA_F
ClientSampleId :
PB150645BS



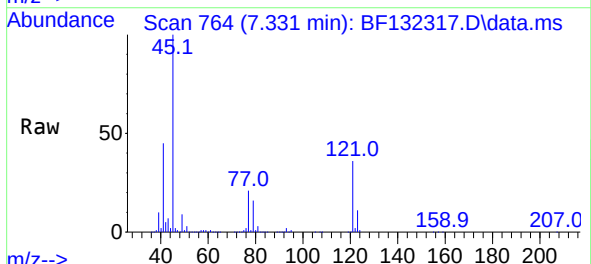
Tgt Ion: 79 Resp: 491388
Ion Ratio Lower Upper
79 100
108 90.0 64.6 97.0
77 62.4 50.1 75.1

Manual Integrations
APPROVED

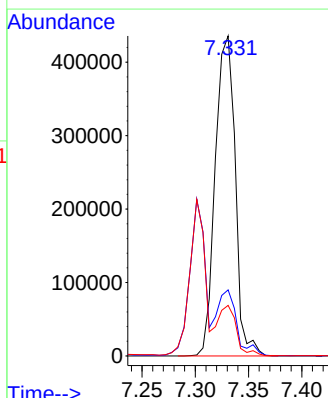
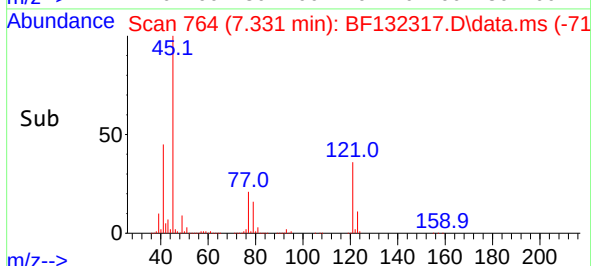
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

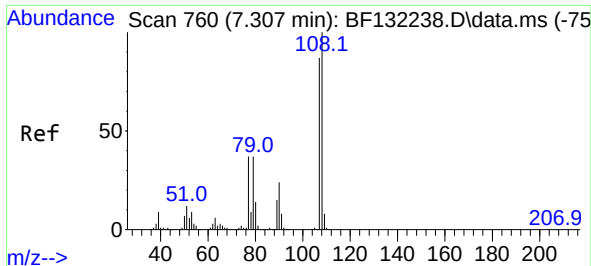


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.896 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion: 45 Resp: 567471
Ion Ratio Lower Upper
45 100
77 20.6 0.0 38.0
79 15.8 0.0 33.8





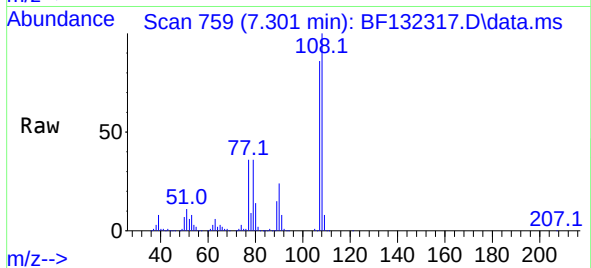
#17
2-Methylphenol
Concen: 42.015 ng
RT: 7.301 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

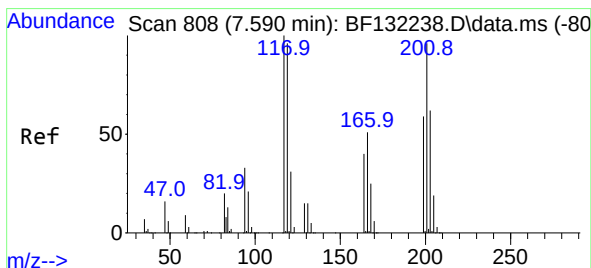
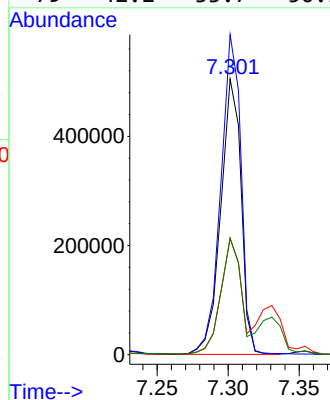
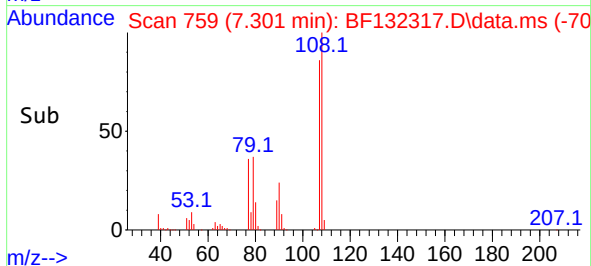


Tgt Ion:107 Resp: 50224
Ion Ratio Lower Upper
107 100
108 116.1 91.8 137.6
77 42.3 34.2 51.2
79 42.2 33.7 50.5

Manual Integrations

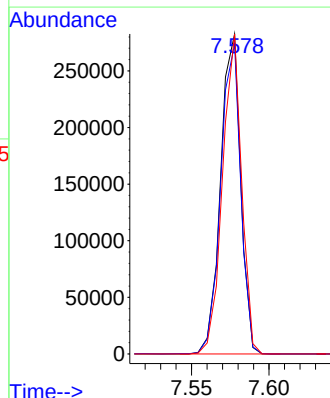
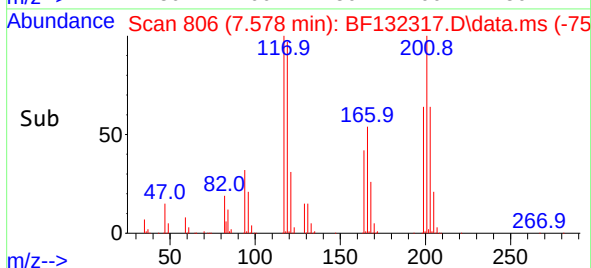
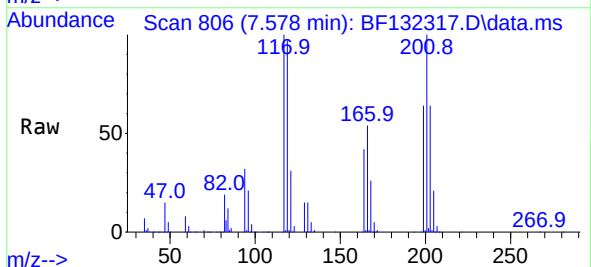
APPROVED

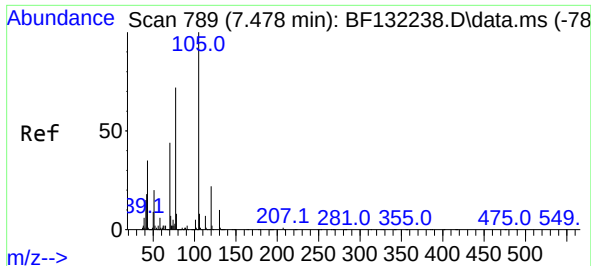
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#18
Hexachloroethane
Concen: 46.931 ng
RT: 7.578 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:117 Resp: 253829
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1
201 100.0 76.6 114.8





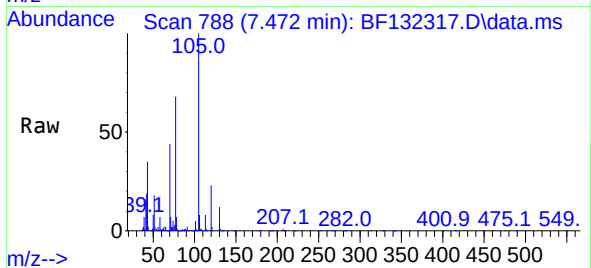
#19
n-Nitroso-di-n-propylamine
Concen: 37.731 ng
RT: 7.472 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

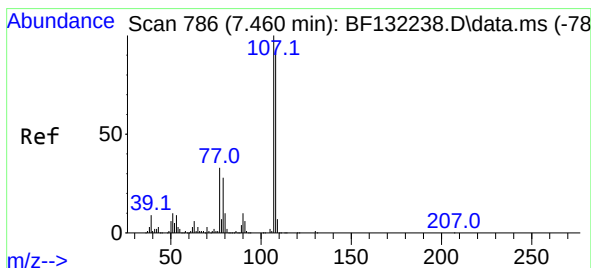
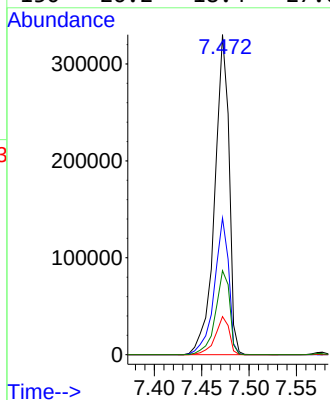
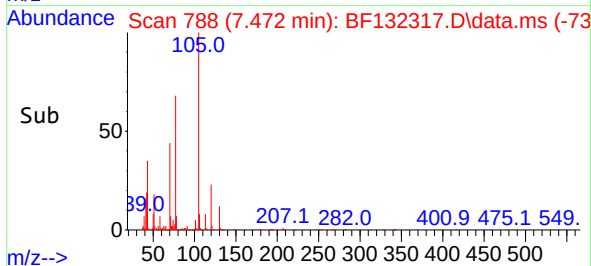


Tgt Ion: 70 Resp: 34839
Ion Ratio Lower Upper
70 100
42 42.7 33.4 50.0
101 11.9 8.2 12.4
130 26.2 18.4 27.6

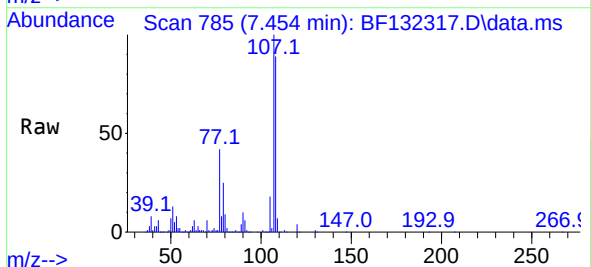
Manual Integrations

APPROVED

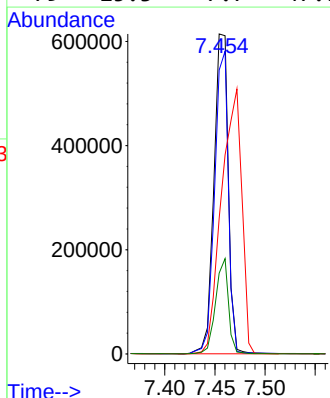
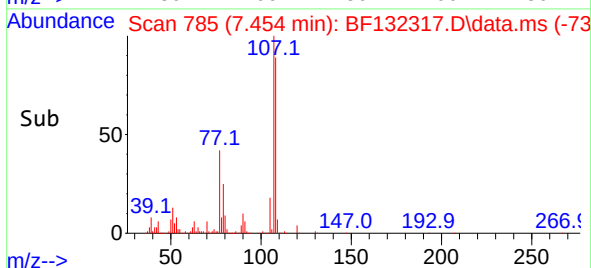
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

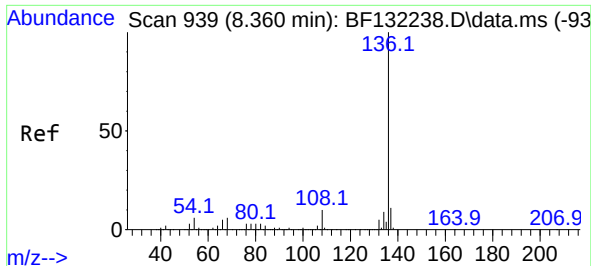


#20
3+4-Methylphenols
Concen: 40.087 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



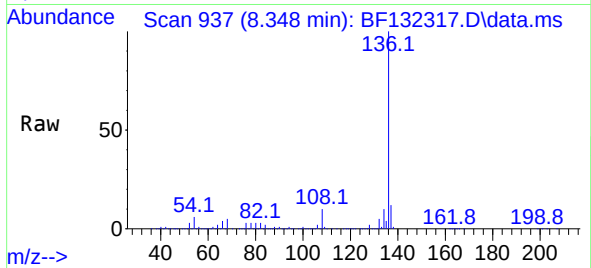
Tgt Ion:107 Resp: 611619
Ion Ratio Lower Upper
107 100
108 88.7 71.6 111.6
77 42.3 13.4 53.4
79 25.3 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

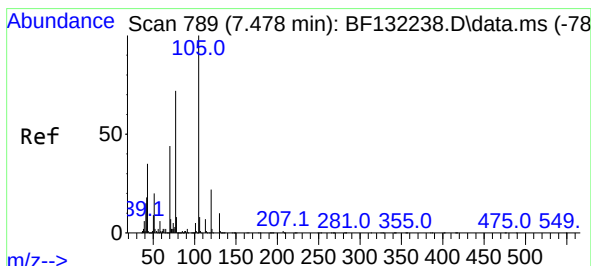
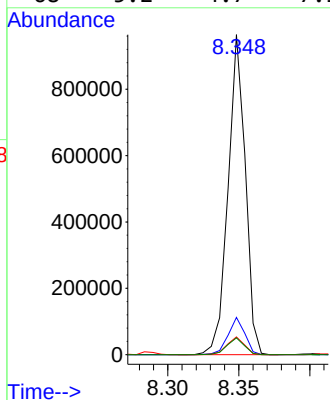
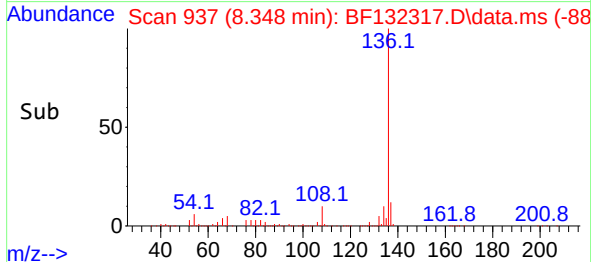
Instrument :
BNA_F
ClientSampleId :
PB150645BS



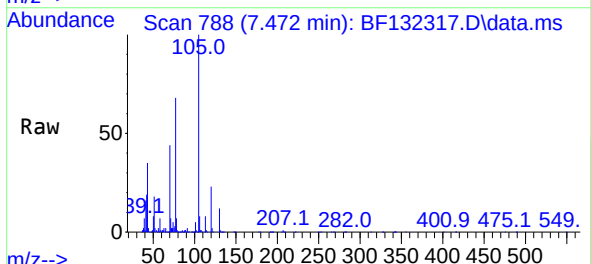
Tgt Ion:136 Resp: 817050
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.6 4.9 7.3
68 5.2 4.7 7.1

Manual Integrations
APPROVED

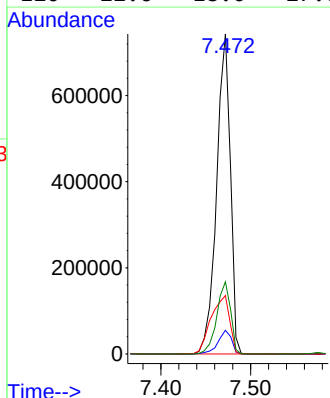
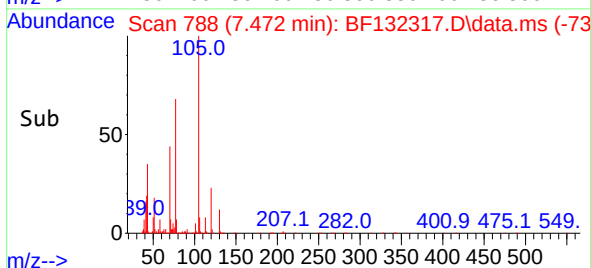
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

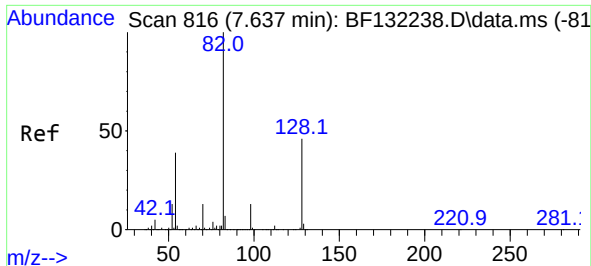


#22
Acetophenone
Concen: 41.113 ng
RT: 7.472 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



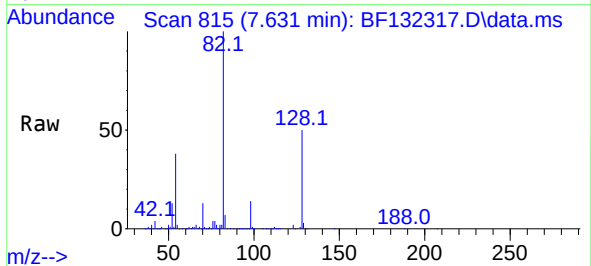
Tgt Ion:105 Resp: 789970
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.6
51 18.3 16.2 24.2
120 22.6 18.0 27.0





#23
Nitrobenzene-d5
Concen: 79.394 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

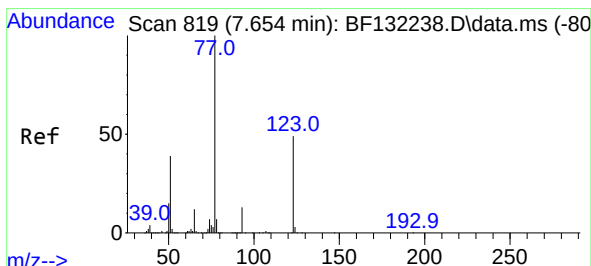
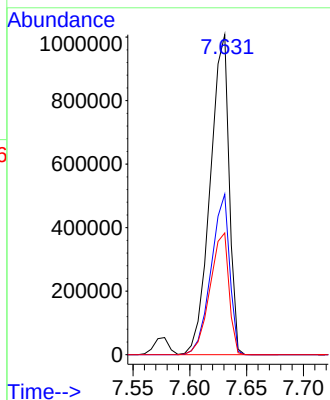
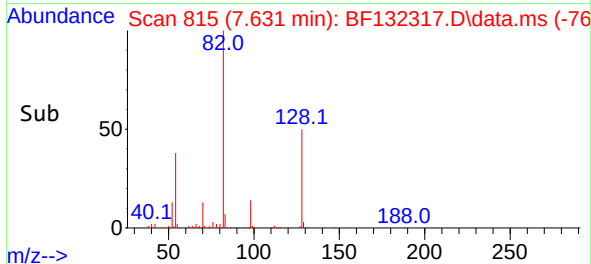
Instrument :
BNA_F
ClientSampleId :
PB150645BS



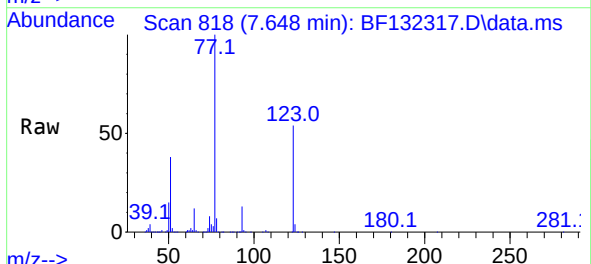
Tgt Ion: 82 Resp: 1165718
Ion Ratio Lower Upper
82 100
128 50.1 37.0 55.4
54 38.0 31.5 47.3

Manual Integrations
APPROVED

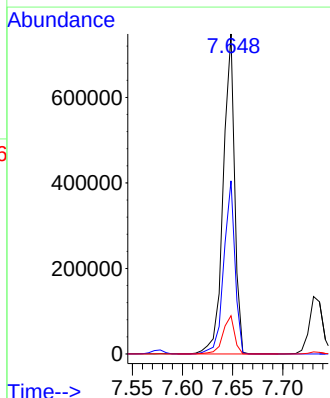
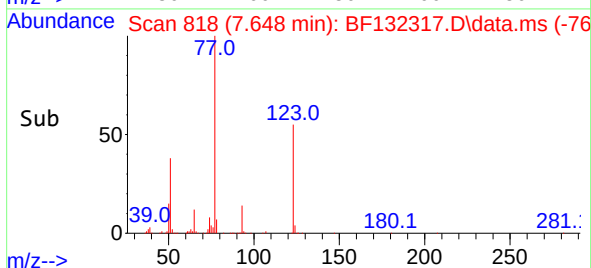
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

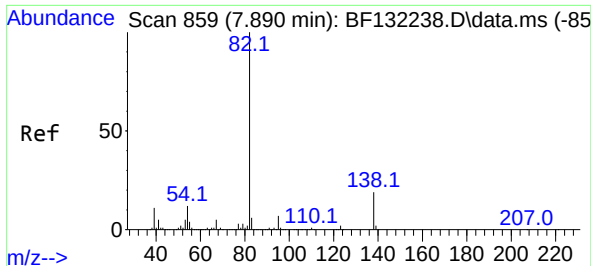


#24
Nitrobenzene
Concen: 39.302 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



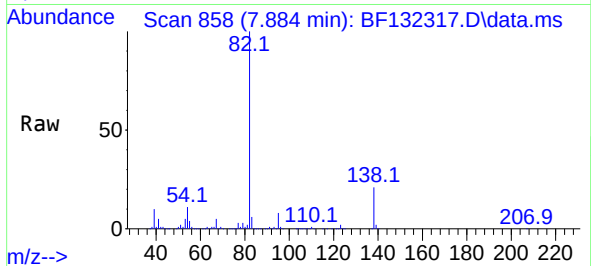
Tgt Ion: 77 Resp: 589535
Ion Ratio Lower Upper
77 100
123 54.1 39.5 59.3
65 11.9 9.8 14.8





#25
Isophorone
Concen: 40.856 ng
RT: 7.884 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

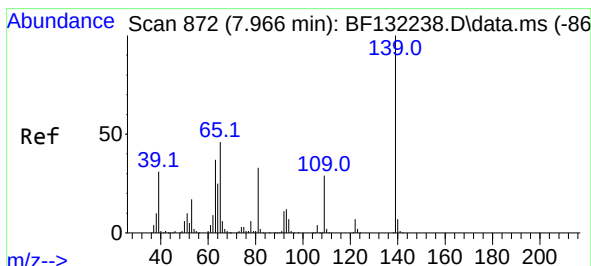
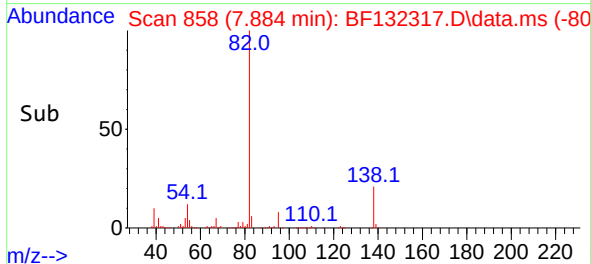
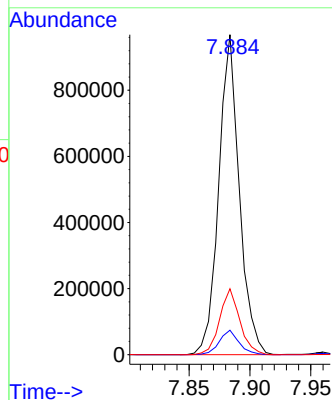
Instrument :
BNA_F
ClientSampleId :
PB150645BS



Tgt Ion: 82 Resp: 113856
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 20.6 15.0 22.6

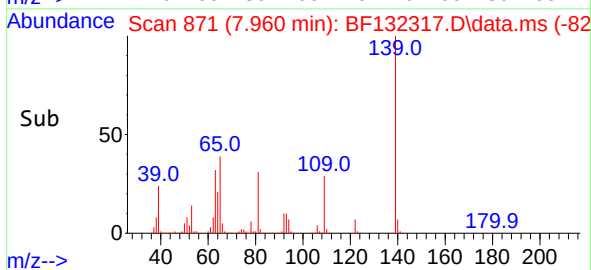
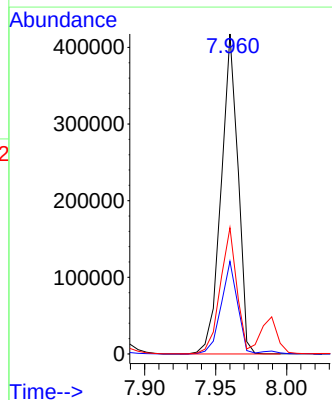
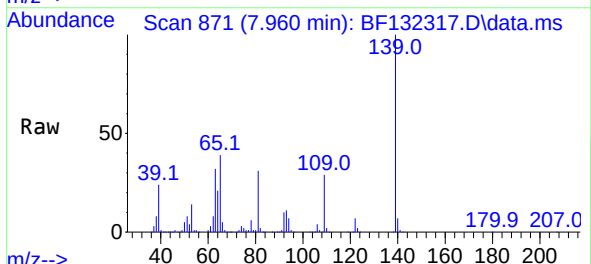
Manual Integrations
APPROVED

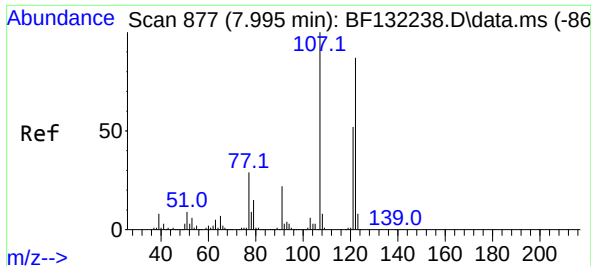
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#26
2-Nitrophenol
Concen: 47.088 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:139 Resp: 344046
Ion Ratio Lower Upper
139 100
109 28.9 23.0 34.6
65 39.5 36.6 55.0





#27
2,4-Dimethylphenol
Concen: 44.304 ng
RT: 7.989 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

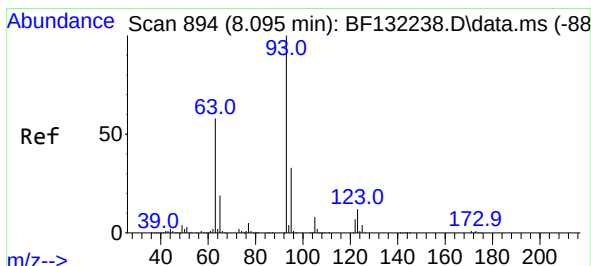
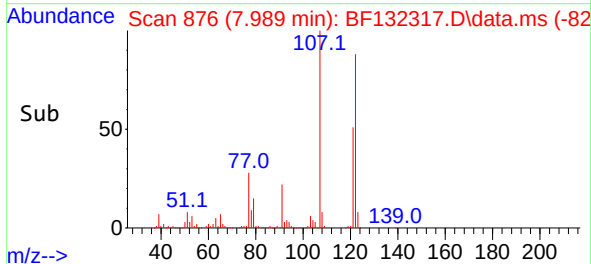
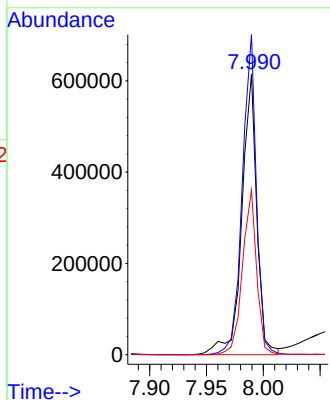
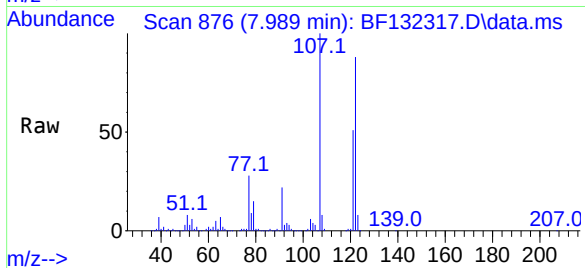
PB150645BS

Tgt Ion:122 Resp: 56659
Ion Ratio Lower Upper
122 100
107 114.1 91.9 137.9
121 58.7 47.8 71.8

Manual Integrations

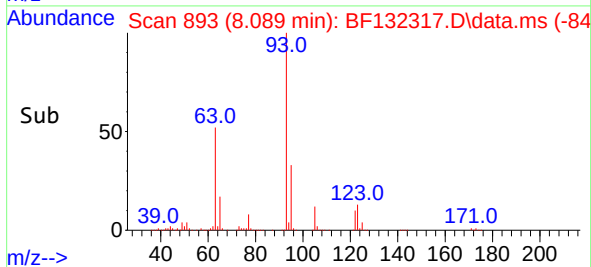
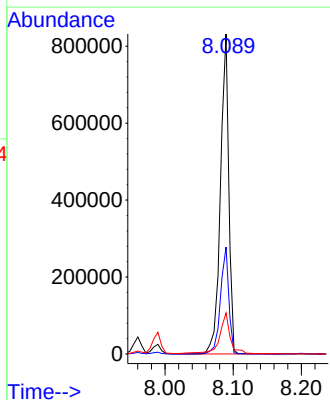
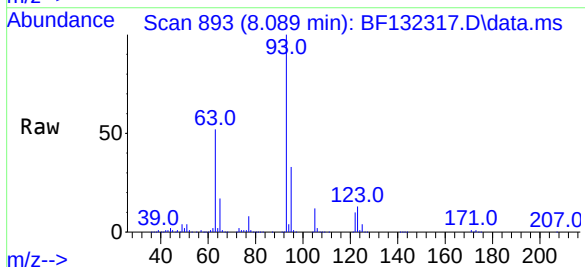
APPROVED

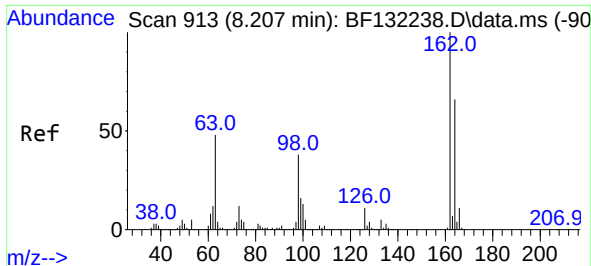
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.350 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion: 93 Resp: 708139
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.581 ng

RT: 8.201 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

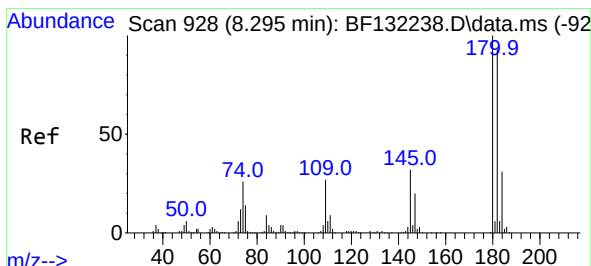
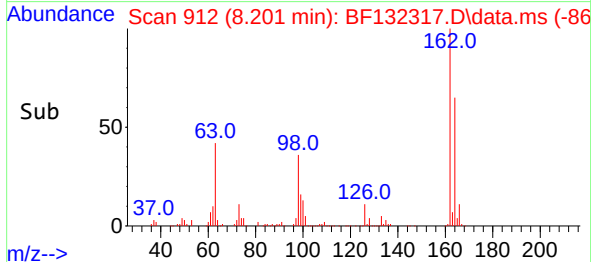
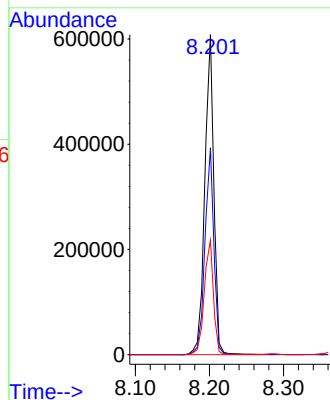
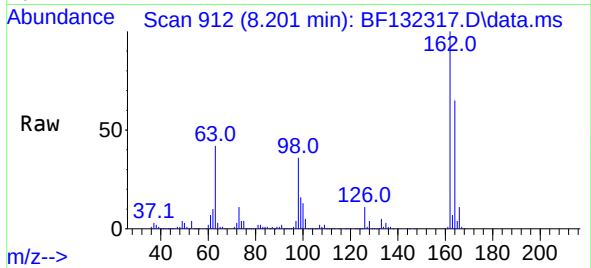
Tgt Ion:162 Resp: 51754

Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.4	86.4
98	35.8	17.8	57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.267 ng

RT: 8.289 min Scan# 927

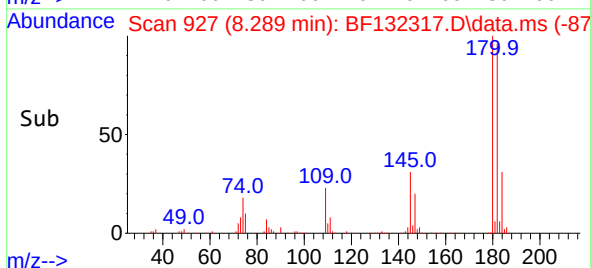
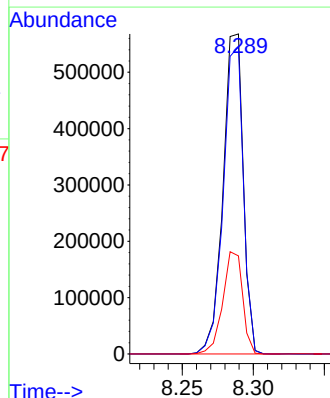
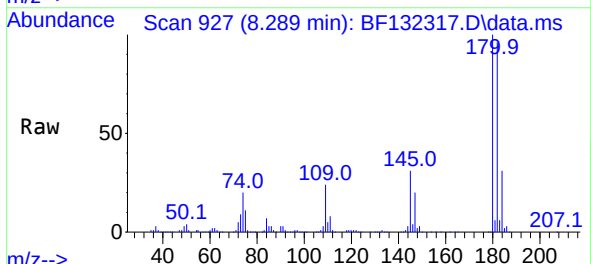
Delta R.T. 0.000 min

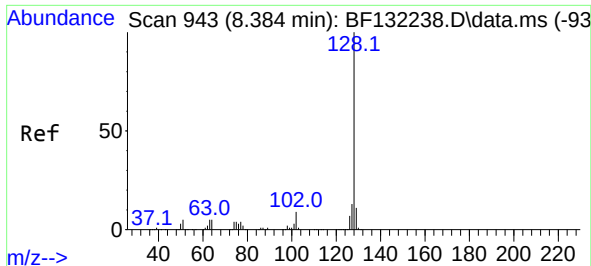
Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

Tgt Ion:180 Resp: 562542

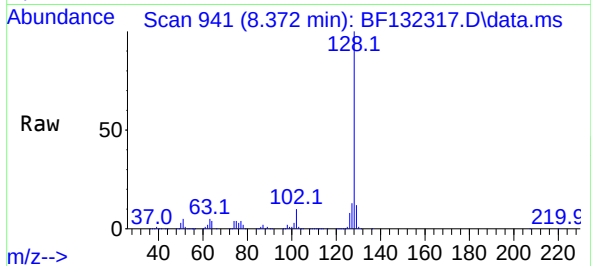
Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.6	112.0
145	30.7	25.3	37.9





#31
Naphthalene
Concen: 41.988 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

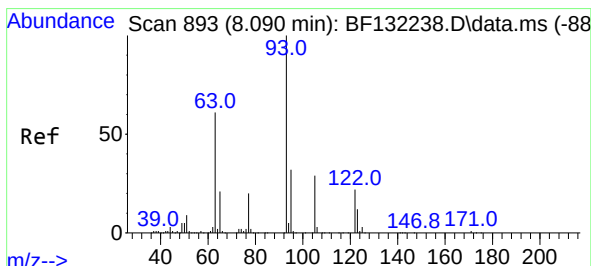
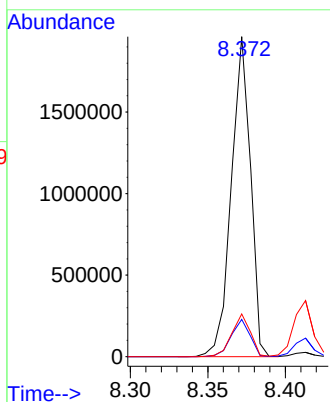
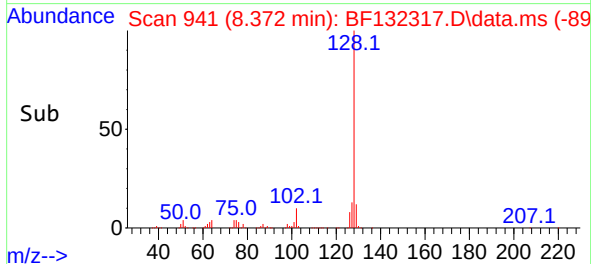
Instrument :
BNA_F
ClientSampleId :
PB150645BS



Tgt Ion:128 Resp: 1688670
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.4 10.5 15.7

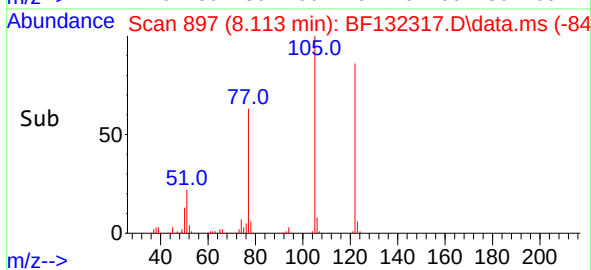
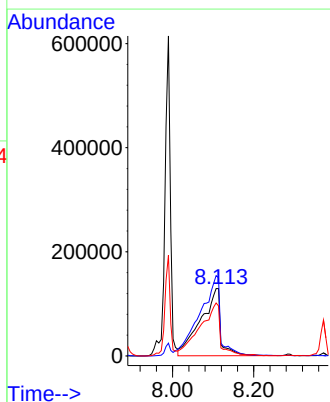
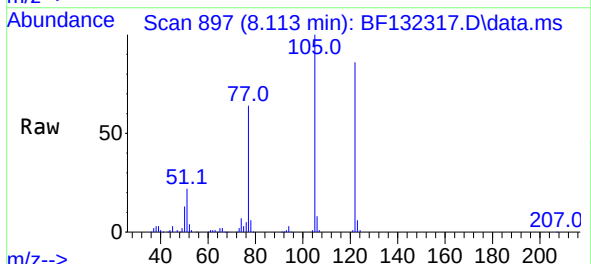
Manual Integrations
APPROVED

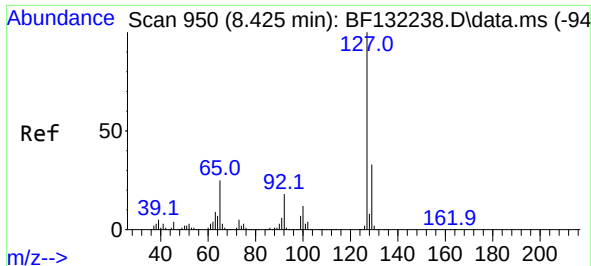
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#32
Benzoic acid
Concen: 46.923 ng
RT: 8.113 min Scan# 897
Delta R.T. 0.012 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:122 Resp: 444190
Ion Ratio Lower Upper
122 100
105 116.1 106.3 146.3
77 74.4 70.6 110.6





#33
4-Chloroaniline
Concen: 17.300 ng
RT: 8.413 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

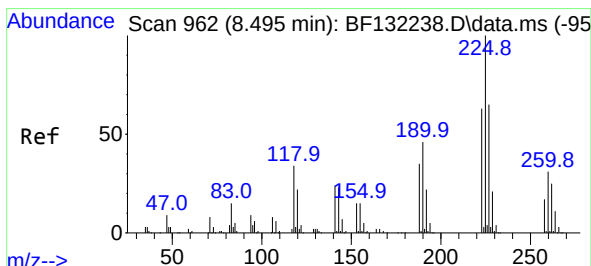
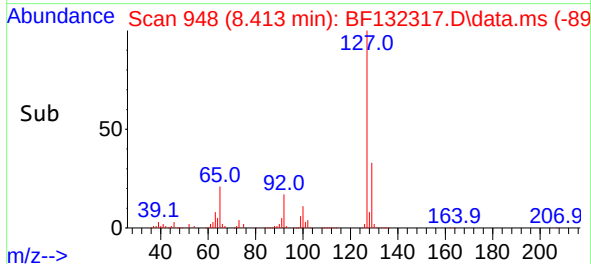
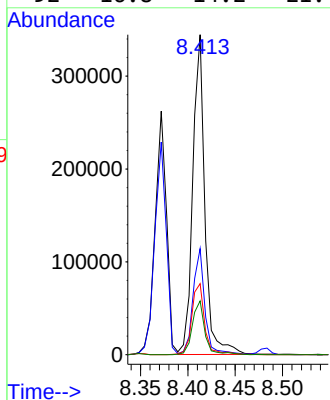
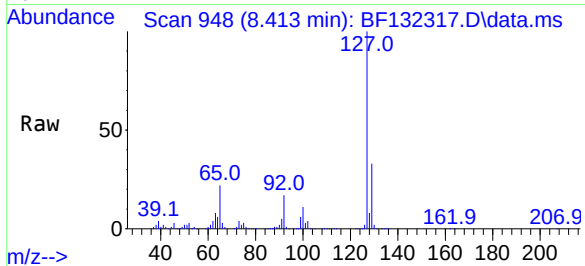
PB150645BS

Tgt Ion:127 Resp: 308520
Ion Ratio Lower Upper
127 100
129 33.2 26.6 39.8
65 22.2 20.2 30.2
92 16.8 14.2 21.4

Manual Integrations

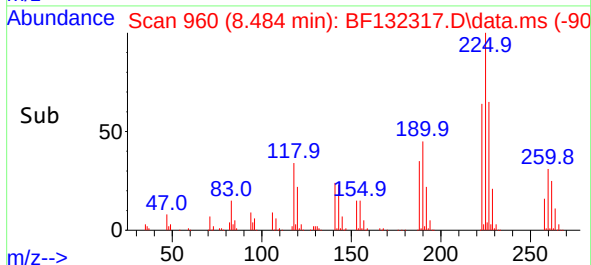
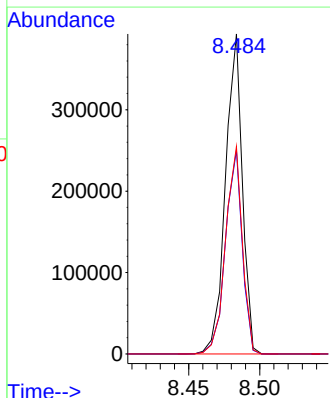
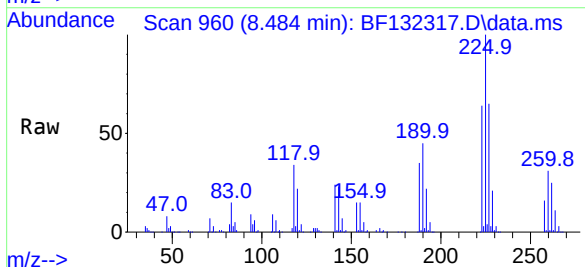
APPROVED

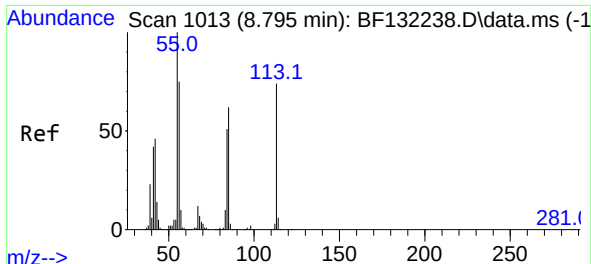
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#34
Hexachlorobutadiene
Concen: 47.376 ng
RT: 8.484 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

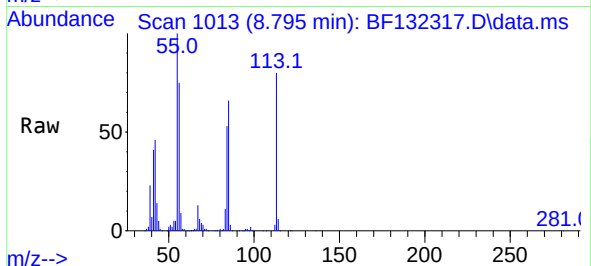
Tgt Ion:225 Resp: 323829
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 64.8 51.7 77.5





#35
Caprolactam
Concen: 45.117 ng m
RT: 8.795 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

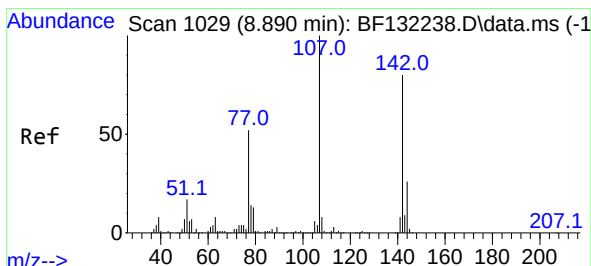
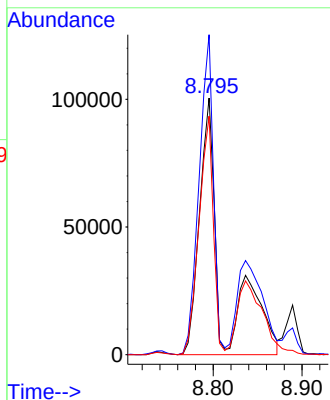
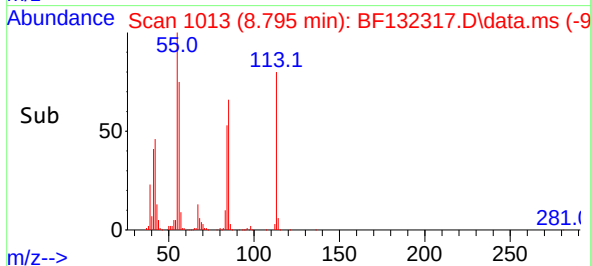
Instrument :
BNA_F
ClientSampleId :
PB150645BS



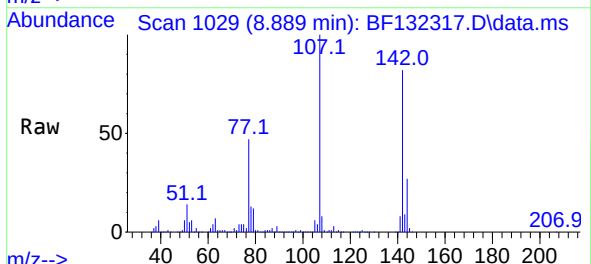
Tgt Ion:113 Resp: 174640
Ion Ratio Lower Upper
113 100
55 124.6 114.7 154.7
56 92.9 81.1 121.1

Manual Integrations
APPROVED

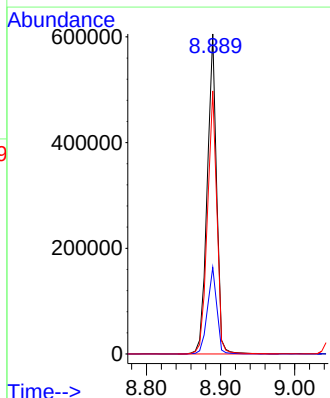
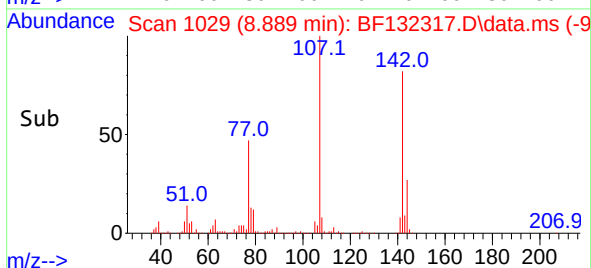
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

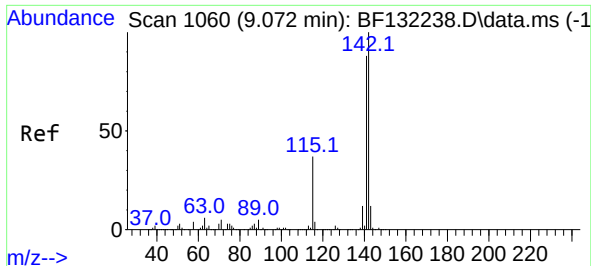


#36
4-Chloro-3-methylphenol
Concen: 43.620 ng
RT: 8.889 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:107 Resp: 533572
Ion Ratio Lower Upper
107 100
144 27.0 20.5 30.7
142 82.2 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.194 ng

RT: 9.066 min Scan# 1059

Delta R.T. 0.000 min

Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

Tgt Ion:142 Resp: 1122214

Ion Ratio Lower Upper

142 100

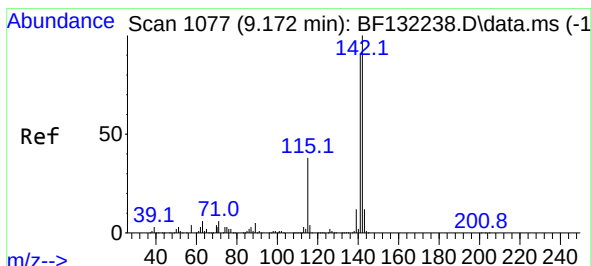
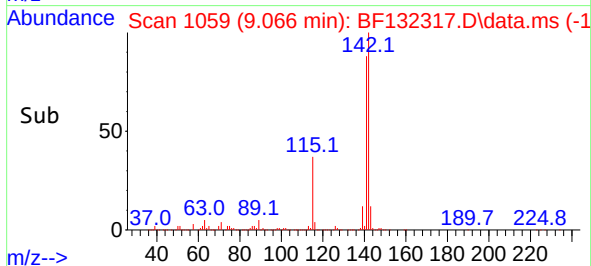
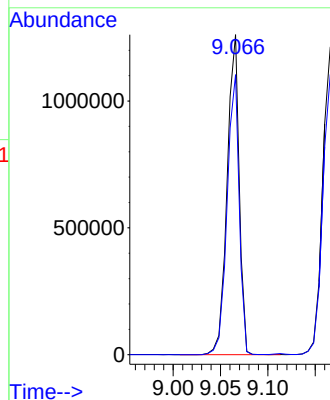
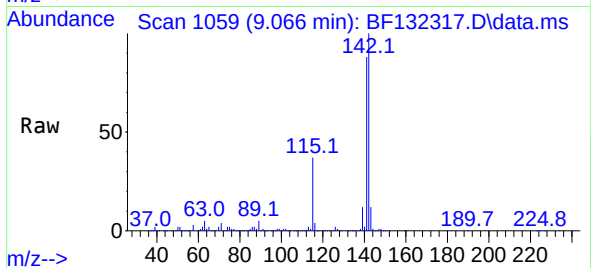
141 87.5 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#38

1-Methylnaphthalene

Concen: 40.993 ng

RT: 9.166 min Scan# 1076

Delta R.T. 0.000 min

Lab File: BF132317.D

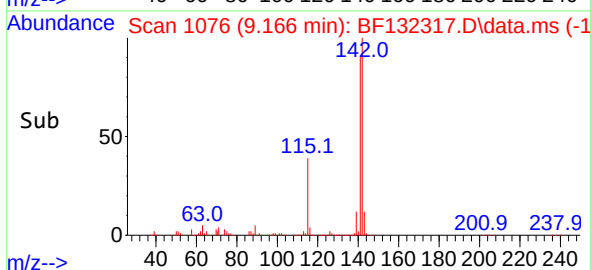
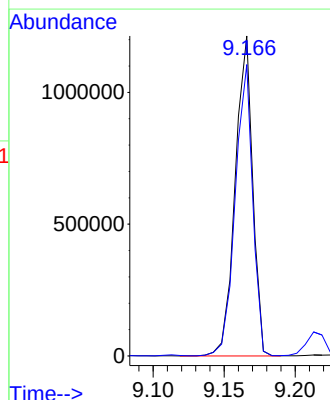
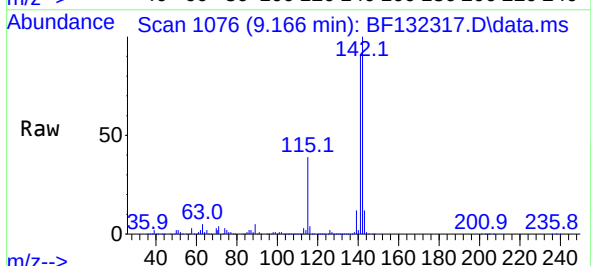
Acq: 03 Feb 2023 11:47

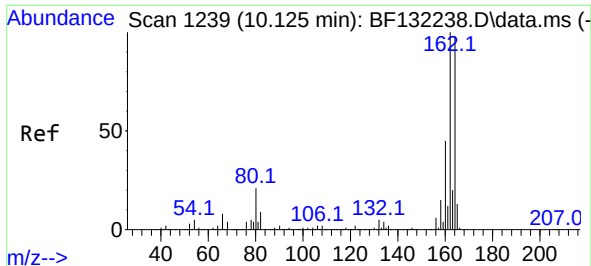
Tgt Ion:142 Resp: 1037783

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8





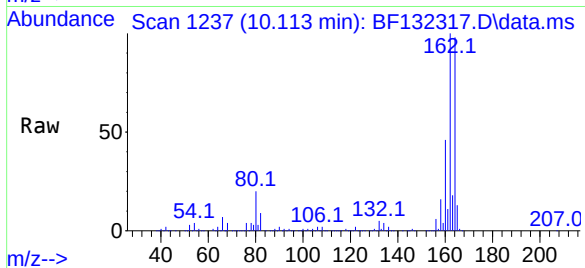
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

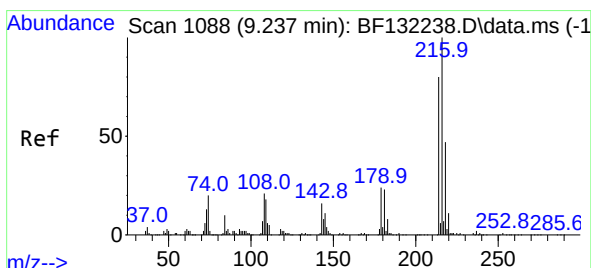
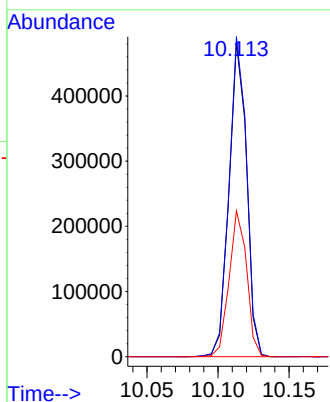
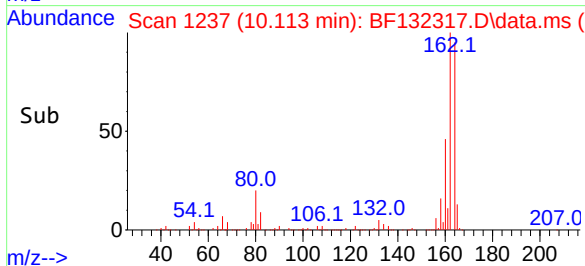


Tgt Ion:164 Resp: 41382
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 46.5 37.1 55.7

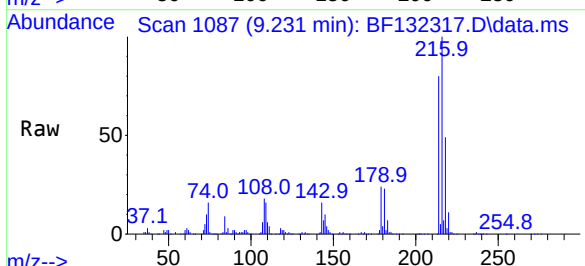
Manual Integrations

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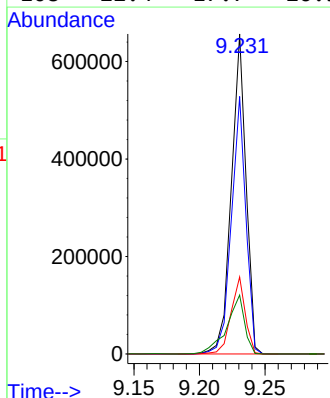
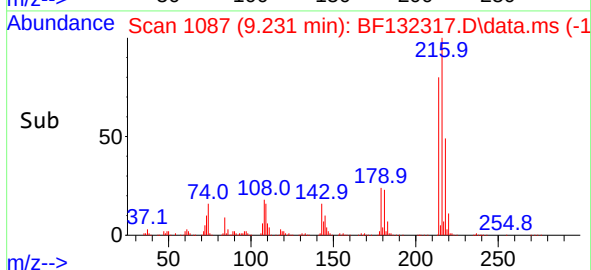
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

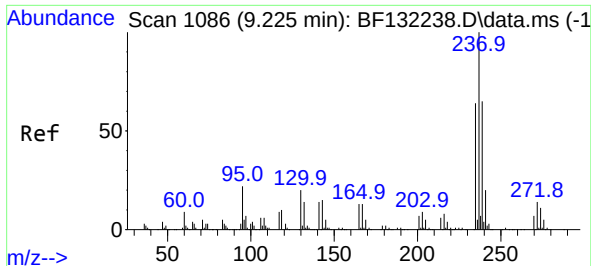


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.840 ng
RT: 9.231 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



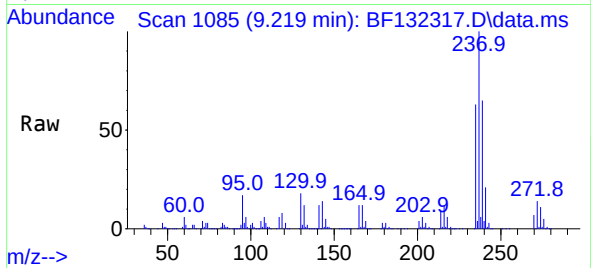
Tgt Ion:216 Resp: 510536
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 23.4 18.3 27.5
108 22.4 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 94.319 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

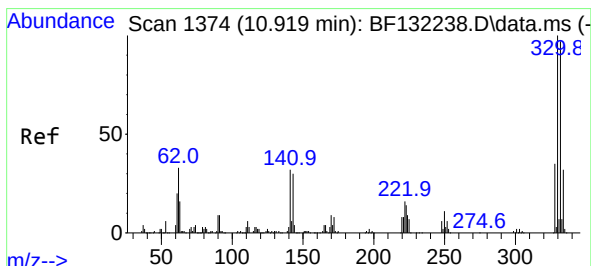
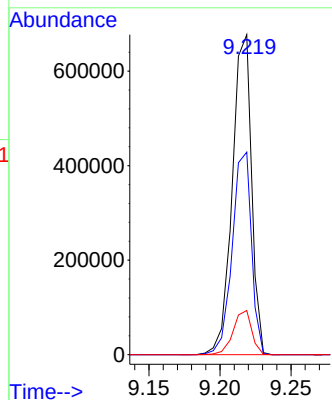
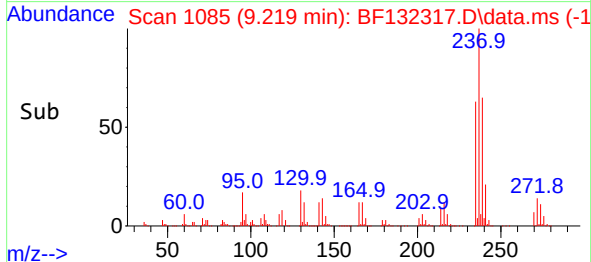
Instrument :
BNA_F
ClientSampleId :
PB150645BS



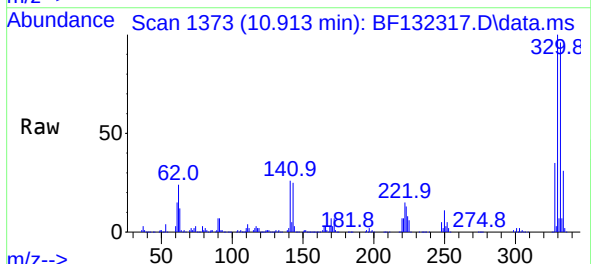
Tgt Ion:237 Resp: 64083
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.8 0.0 33.6

Manual Integrations
APPROVED

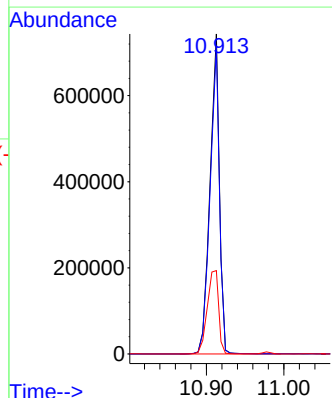
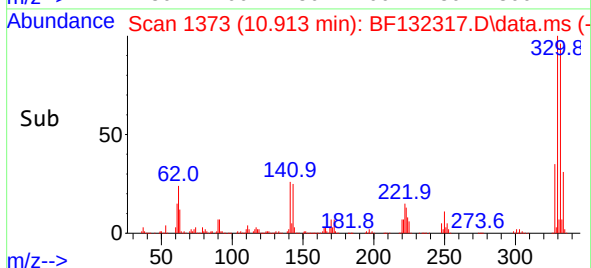
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

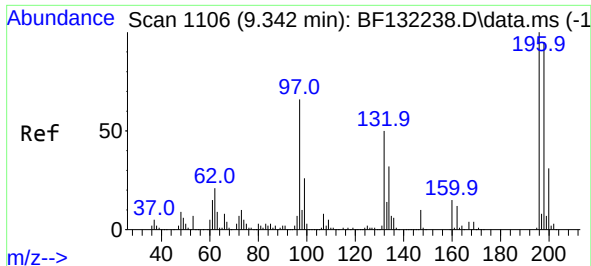


#42
2,4,6-Tribromophenol
Concen: 147.315 ng
RT: 10.913 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



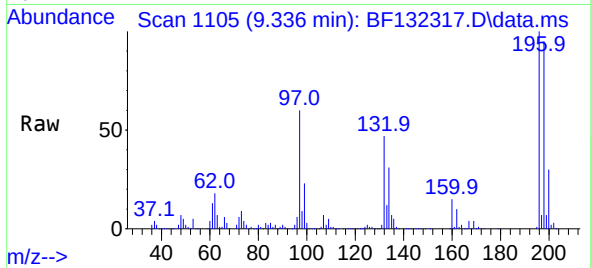
Tgt Ion:330 Resp: 626913
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 31.6 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 45.664 ng
RT: 9.336 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

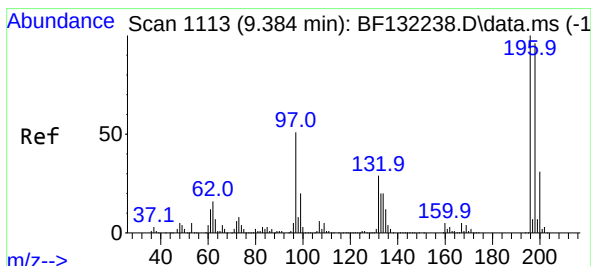
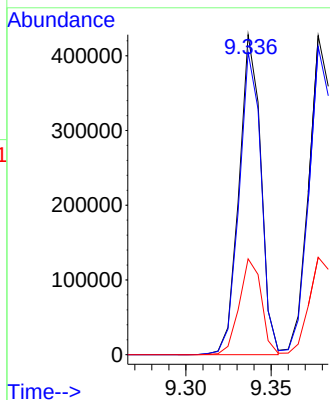
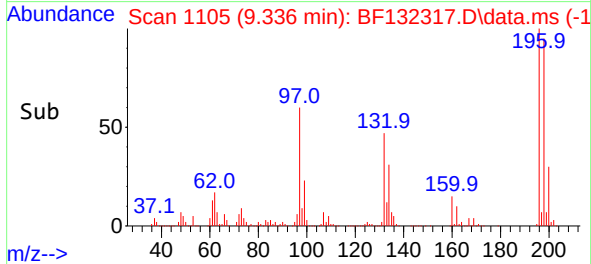
Instrument :
BNA_F
ClientSampleId :
PB150645BS



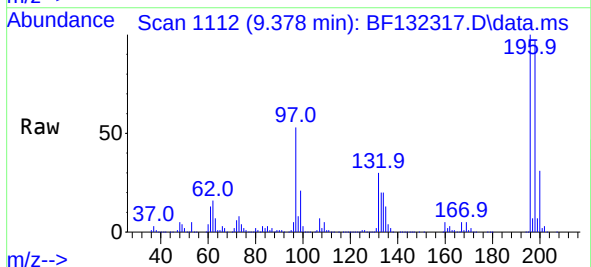
Tgt Ion:196 Resp: 380120
Ion Ratio Lower Upper
196 100
198 94.6 75.9 113.9
200 30.0 24.7 37.1

Manual Integrations
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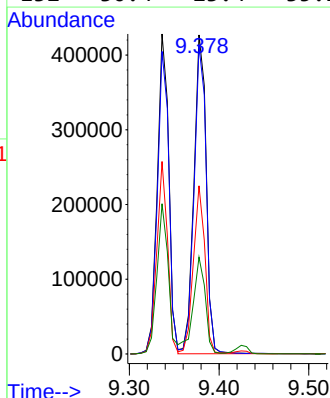
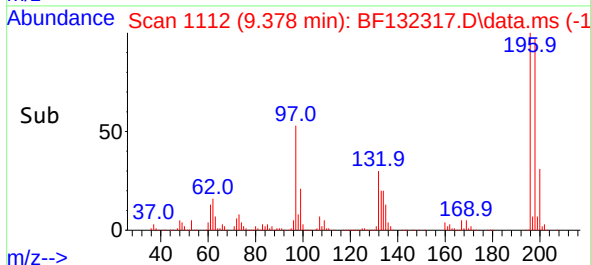
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

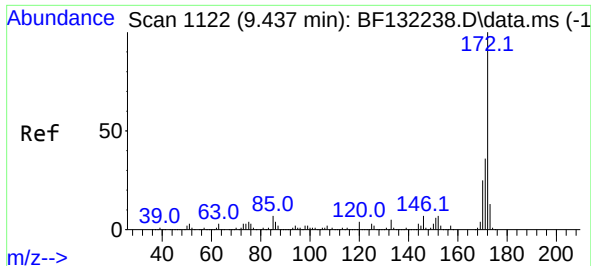


#44
2,4,5-Trichlorophenol
Concen: 42.427 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:196 Resp: 406509
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
97 52.7 41.2 61.8
132 30.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 77.092 ng

RT: 9.425 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

Tgt Ion:172 Resp: 2065870

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

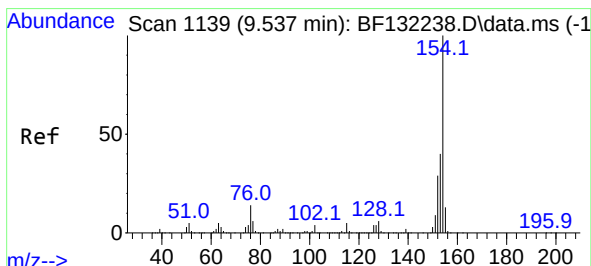
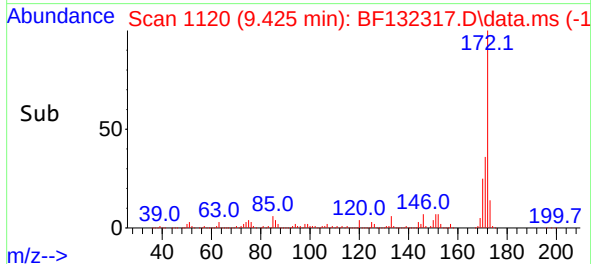
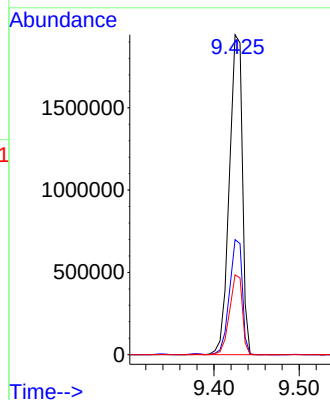
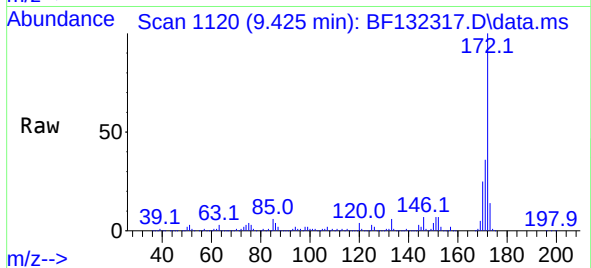
170 25.0 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#46

1,1'-Biphenyl

Concen: 42.202 ng

RT: 9.531 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

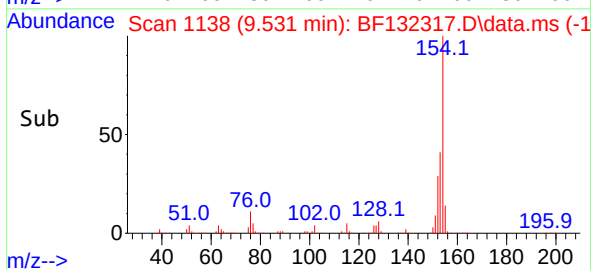
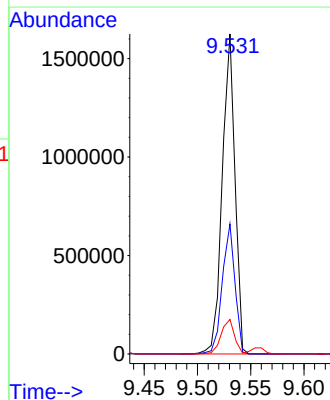
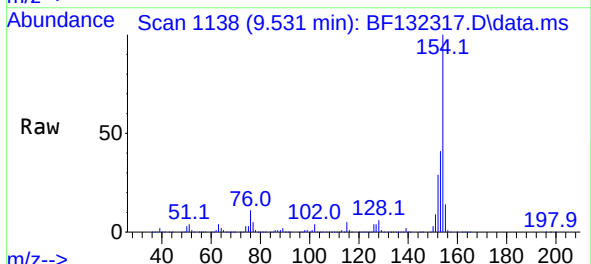
Tgt Ion:154 Resp: 1346376

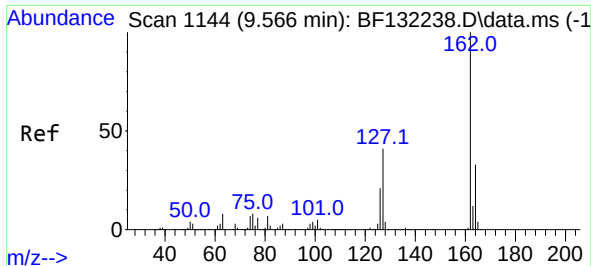
Ion Ratio Lower Upper

154 100

153 40.7 19.9 59.9

76 10.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 43.236 ng
RT: 9.560 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

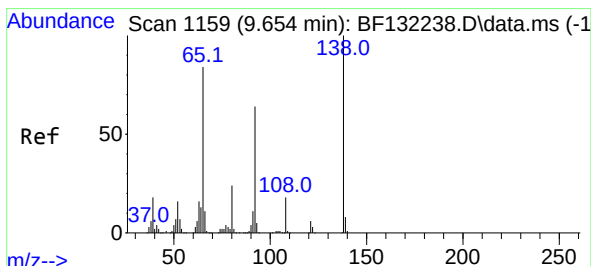
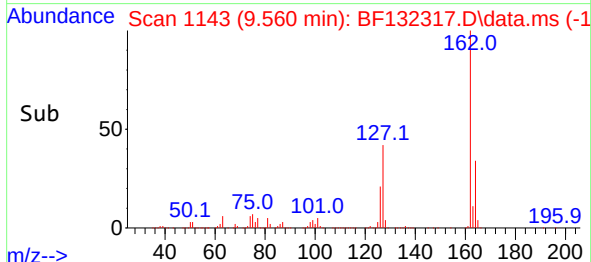
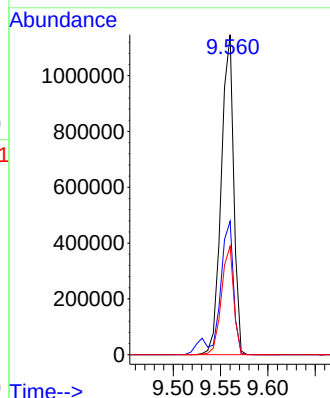
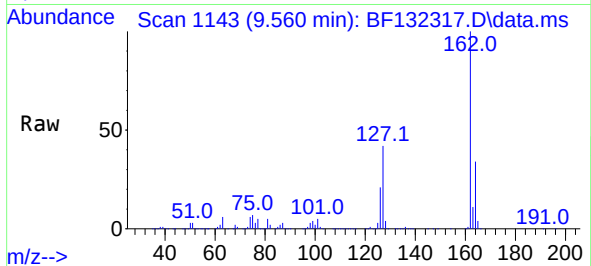
ClientSampleId :

PB150645BS

Tgt Ion:162 Resp: 1050604
Ion Ratio Lower Upper
162 100
127 41.7 33.3 49.9
164 33.9 26.8 40.2

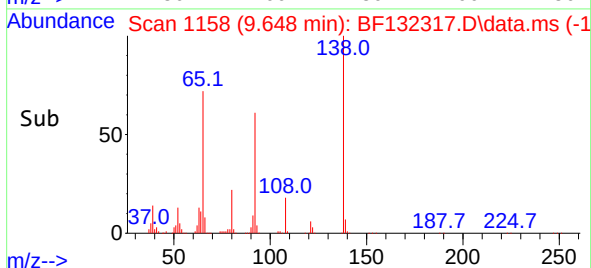
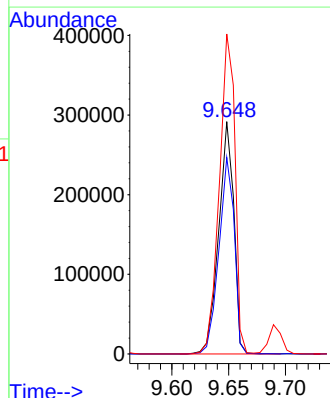
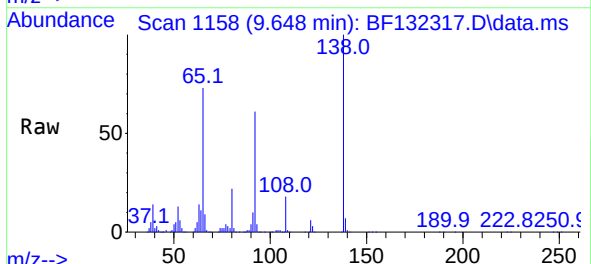
Manual Integrations
APPROVED

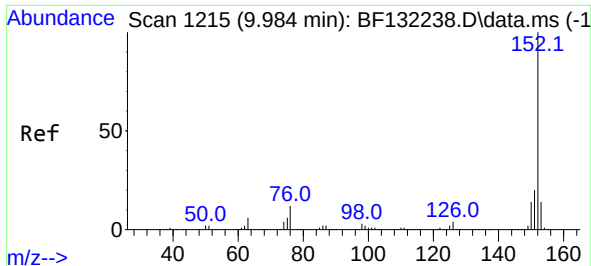
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#48
2-Nitroaniline
Concen: 37.575 ng
RT: 9.648 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion: 65 Resp: 271539
Ion Ratio Lower Upper
65 100
92 84.6 61.0 91.4
138 137.8 95.0 142.4





#49

Acenaphthylene

Concen: 41.637 ng

RT: 9.978 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF132317.D

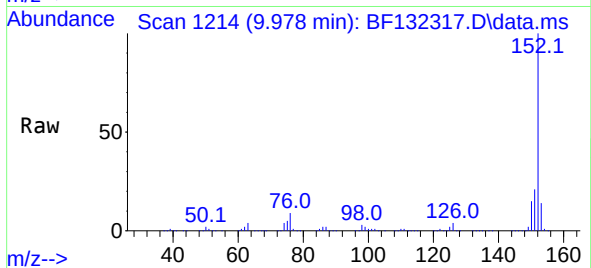
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS



Tgt Ion:152 Resp: 165122

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

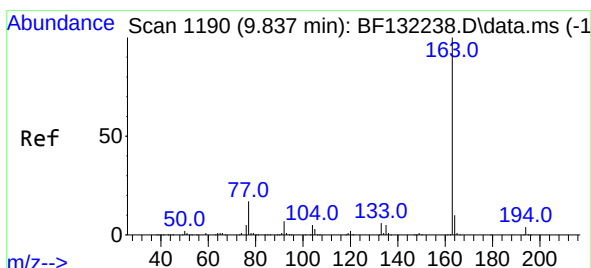
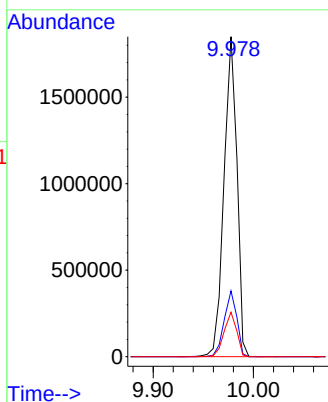
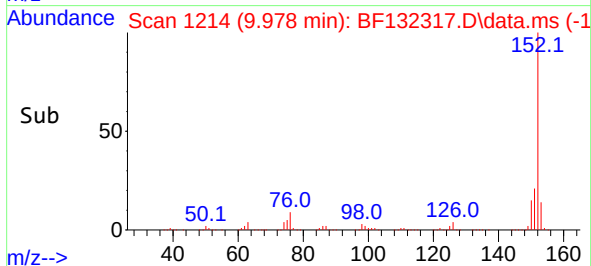
153 13.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#50

Dimethylphthalate

Concen: 43.102 ng

RT: 9.831 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

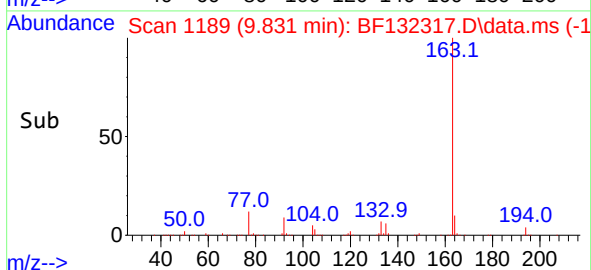
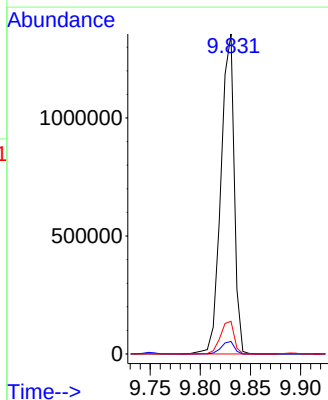
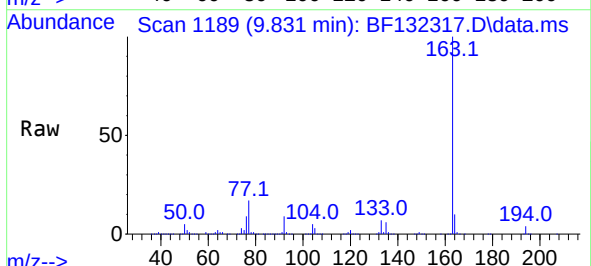
Tgt Ion:163 Resp: 1247683

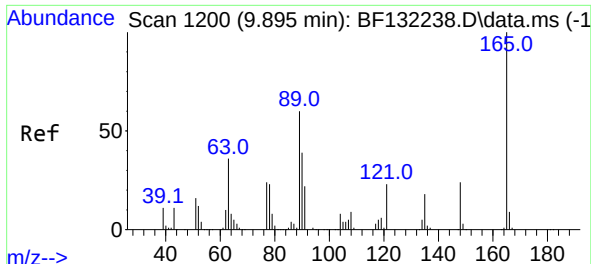
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.2 7.9 11.9





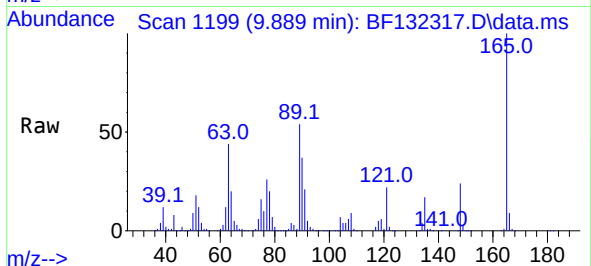
#51
2,6-Dinitrotoluene
Concen: 45.760 ng
RT: 9.889 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

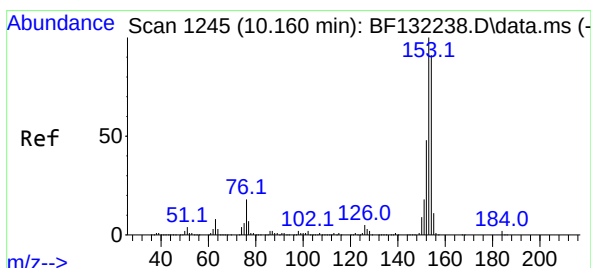
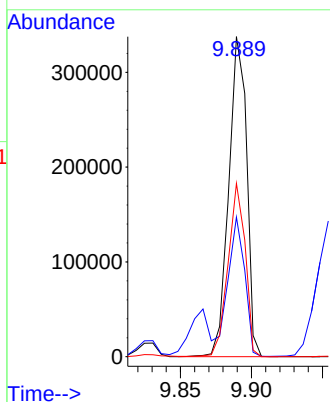
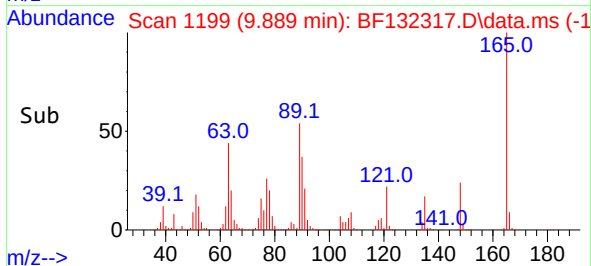


Tgt Ion:165 Resp: 295837
Ion Ratio Lower Upper
165 100
63 43.6 41.5 62.3
89 54.1 48.1 72.1

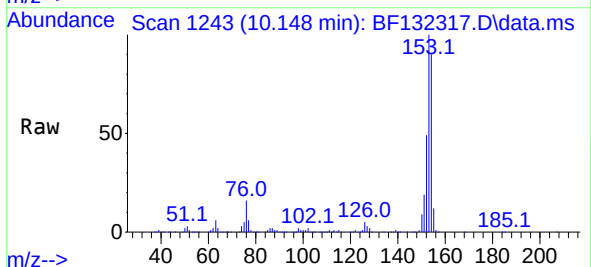
Manual Integrations

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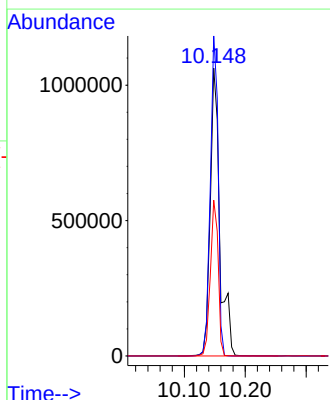
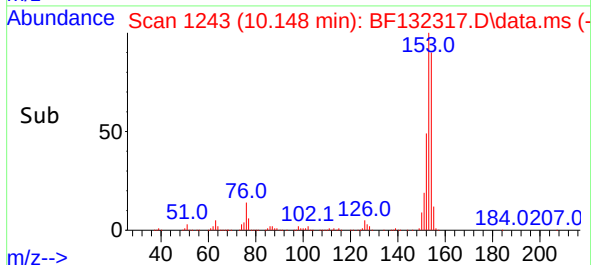
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

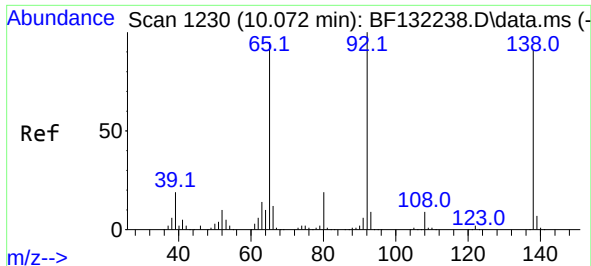


#52
Acenaphthene
Concen: 46.820 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:154 Resp: 1162459
Ion Ratio Lower Upper
154 100
153 111.2 88.3 132.5
152 54.1 42.7 64.1





#53
3-Nitroaniline
Concen: 28.763 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

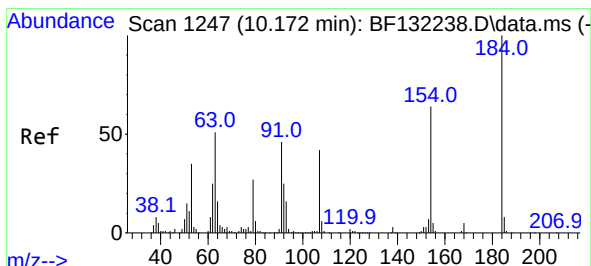
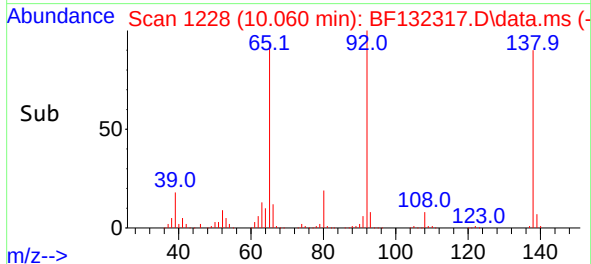
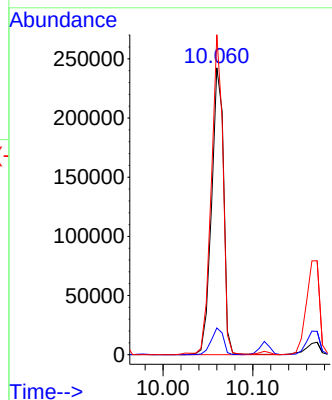
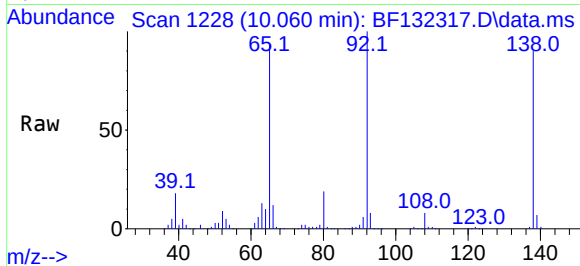
PB150645BS

Tgt Ion:138 Resp: 225500
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 111.5 88.3 132.5

Manual Integrations

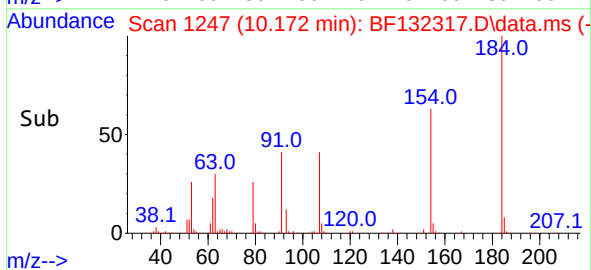
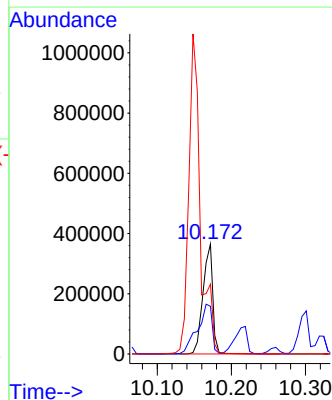
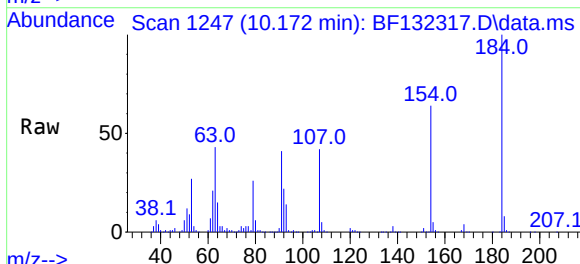
APPROVED

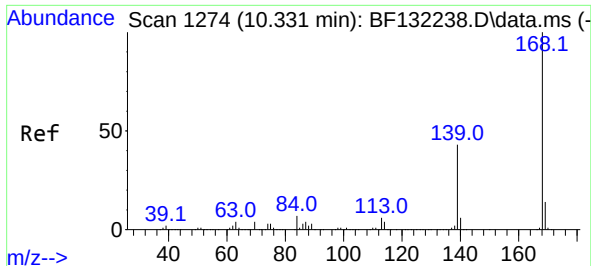
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#54
2,4-Dinitrophenol
Concen: 88.879 ng
RT: 10.172 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:184 Resp: 334978
Ion Ratio Lower Upper
184 100
63 43.4 41.6 62.4
154 63.5 57.0 85.6





#55
Dibenzenofuran
Concen: 41.173 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

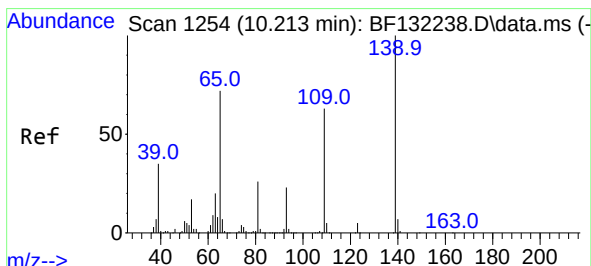
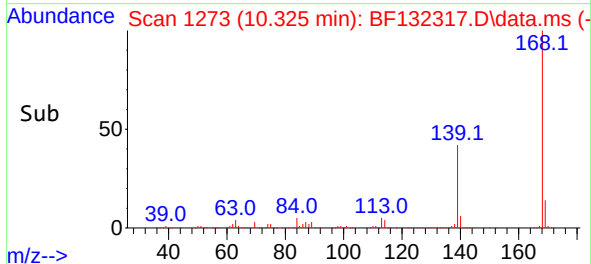
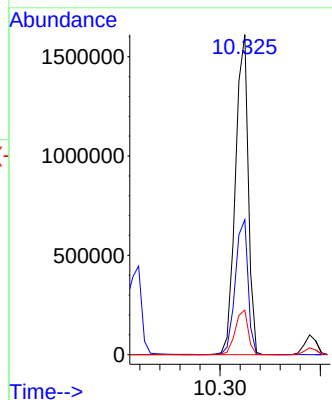
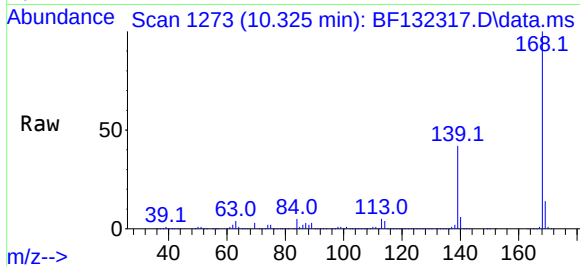
PB150645BS

Tgt Ion:168 Resp: 143630
Ion Ratio Lower Upper
168 100
139 42.2 34.2 51.4
169 14.0 11.2 16.8

Manual Integrations

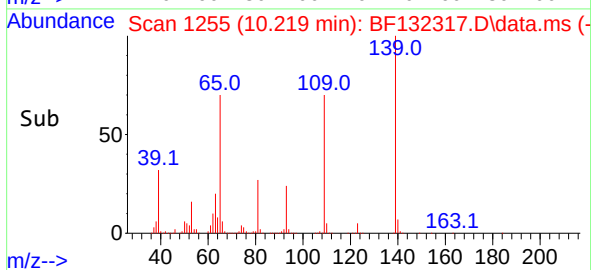
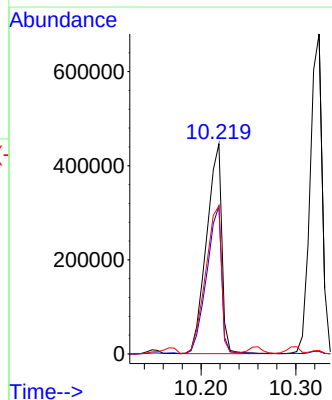
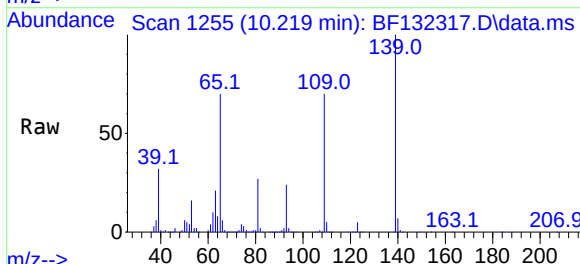
APPROVED

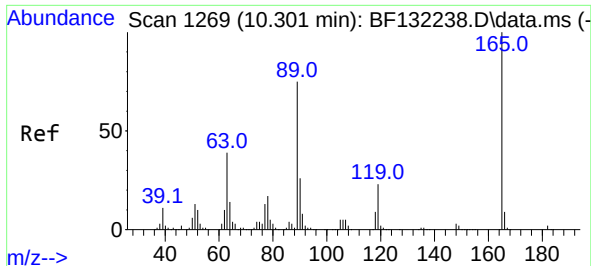
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#56
4-Nitrophenol
Concen: 84.610 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.012 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:139 Resp: 499175
Ion Ratio Lower Upper
139 100
109 70.4 43.3 83.3
65 70.5 52.3 92.3





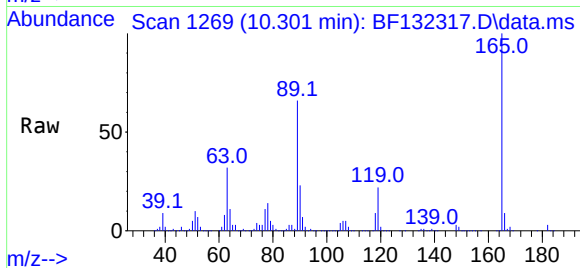
#57
2,4-Dinitrotoluene
Concen: 45.485 ng
RT: 10.301 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

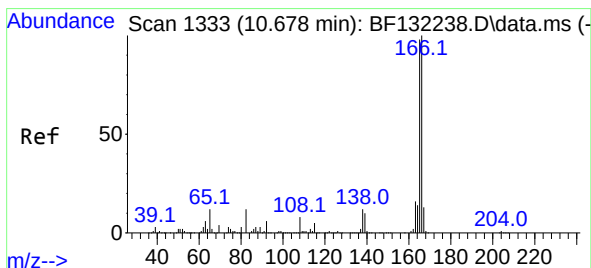
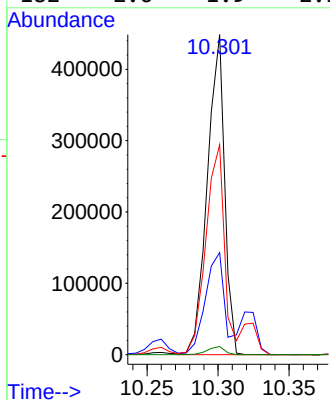
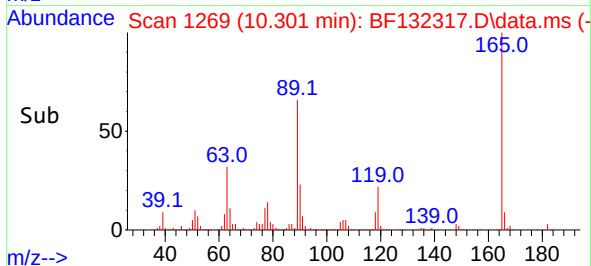


Tgt Ion:165 Resp: 38198
Ion Ratio Lower Upper
165 100
63 31.9 30.9 46.3
89 65.6 60.1 90.1
182 2.6 1.9 2.9

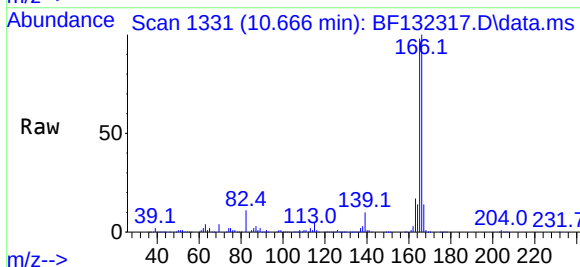
Manual Integrations

APPROVED

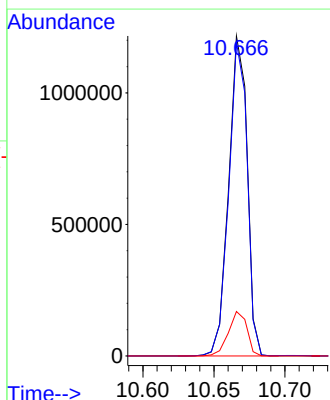
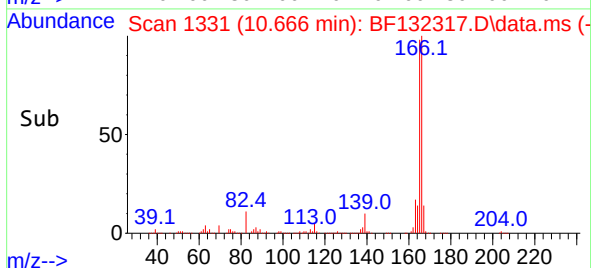
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

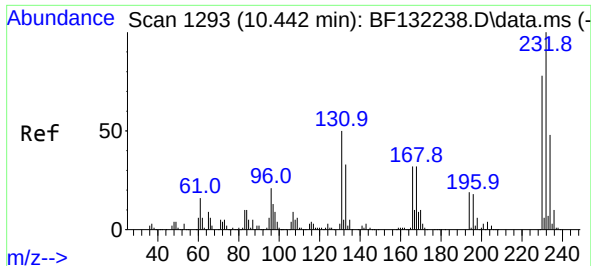


#58
Fluorene
Concen: 41.207 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



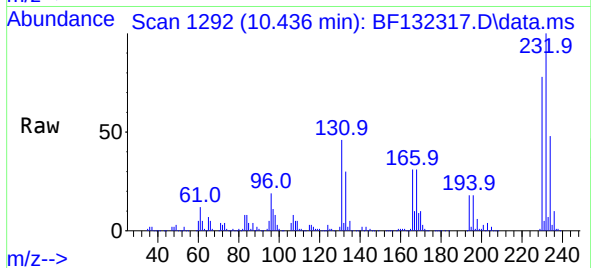
Tgt Ion:166 Resp: 1106291
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.854 ng
RT: 10.436 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

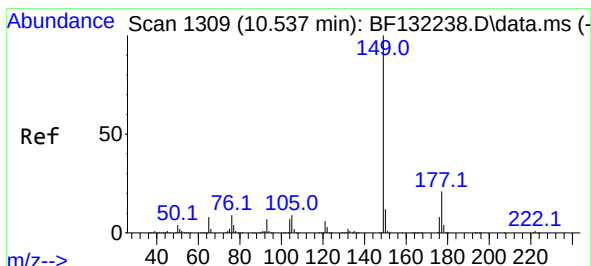
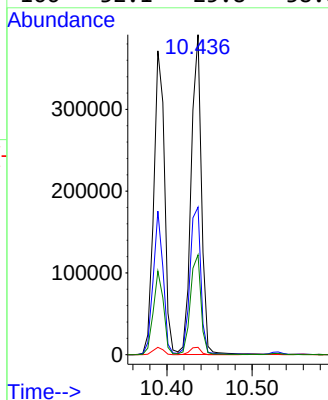
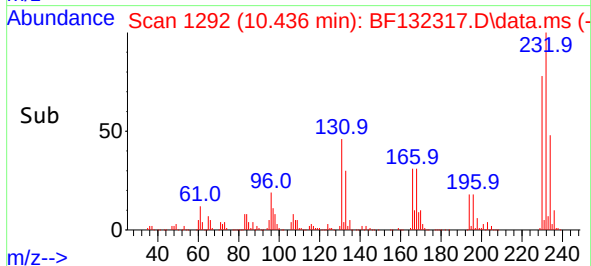
Instrument :
BNA_F
ClientSampleId :
PB150645BS



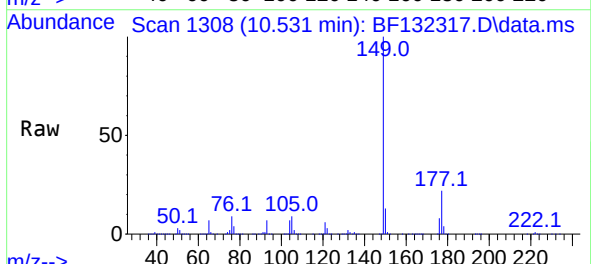
Tgt Ion:232 Resp: 327278
Ion Ratio Lower Upper
232 100
131 48.7 40.6 61.0
130 2.4 1.9 2.9
166 32.1 25.8 38.8

Manual Integrations
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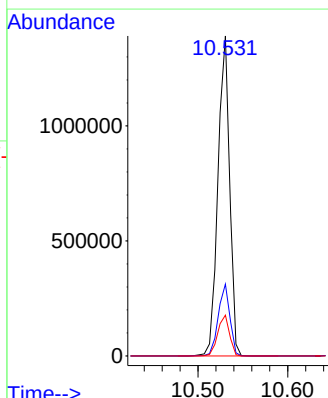
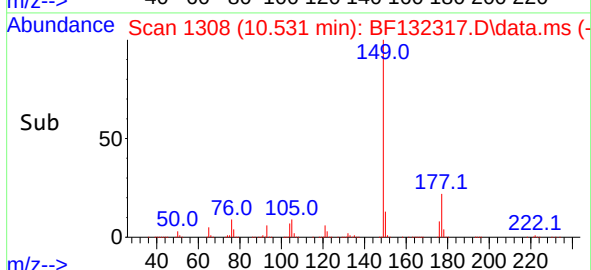
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

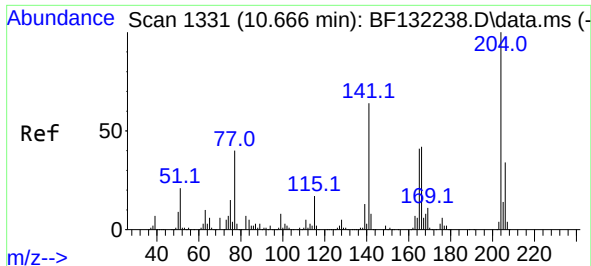


#60
Diethylphthalate
Concen: 43.676 ng
RT: 10.531 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



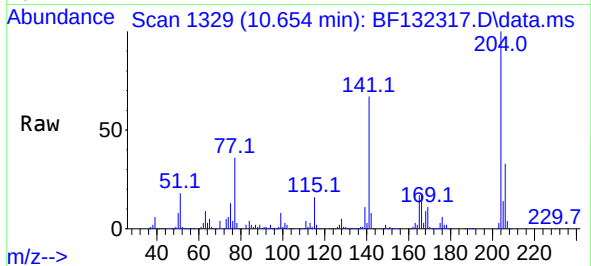
Tgt Ion:149 Resp: 1257735
Ion Ratio Lower Upper
149 100
177 22.5 17.1 25.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.201 ng
RT: 10.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

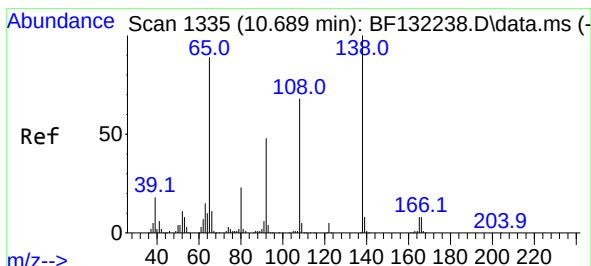
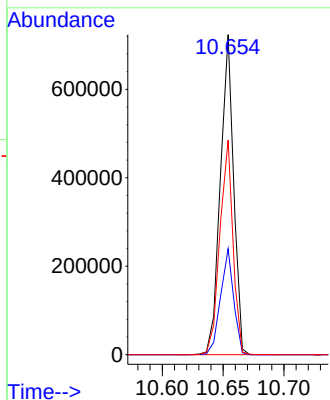
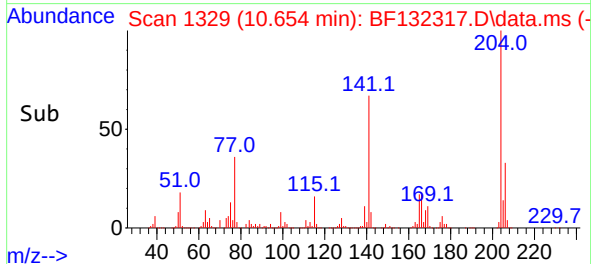
Instrument :
BNA_F
ClientSampleId :
PB150645BS



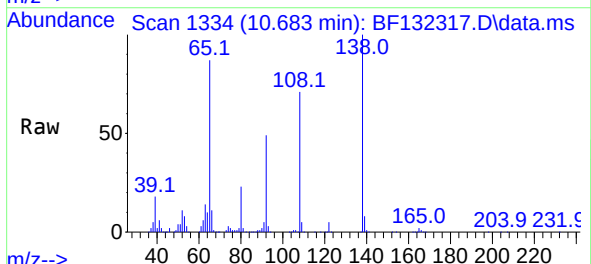
Tgt Ion:204 Resp: 550430
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 67.0 51.4 77.0

Manual Integrations
APPROVED

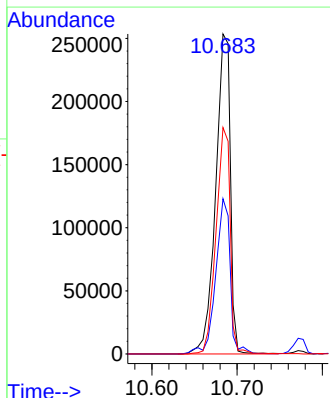
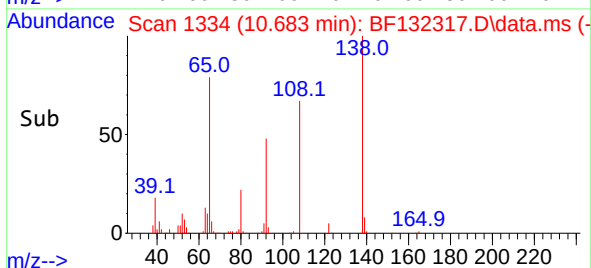
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

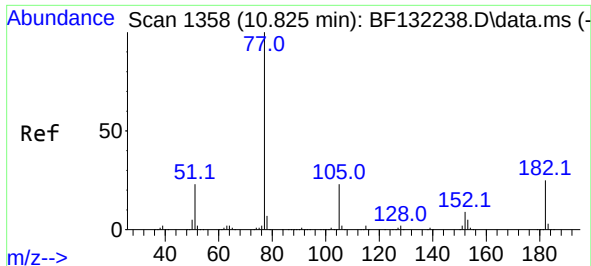


#62
4-Nitroaniline
Concen: 40.296 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:138 Resp: 302956
Ion Ratio Lower Upper
138 100
92 48.5 27.7 67.7
108 70.8 48.5 88.5





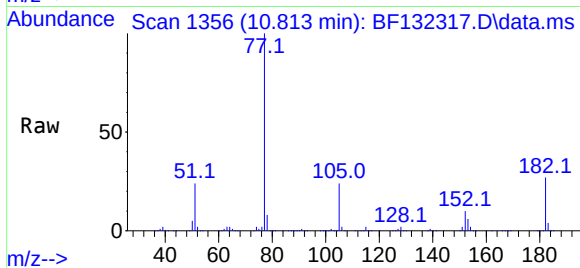
#63
Azobenzene
Concen: 38.098 ng
RT: 10.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

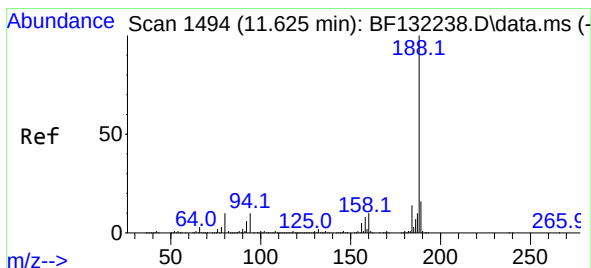
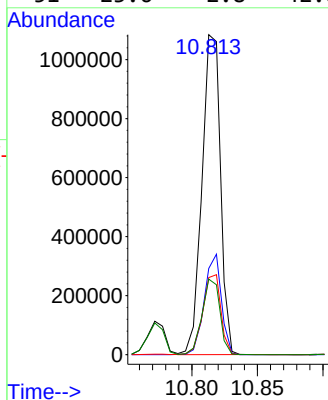
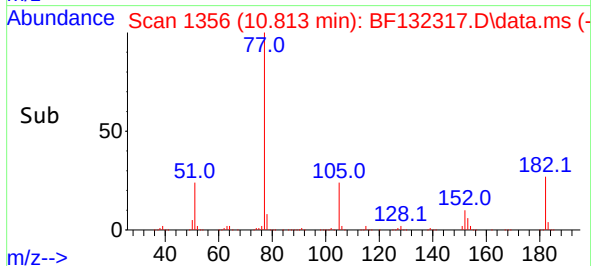


Tgt Ion: 77 Resp: 106865
Ion Ratio Lower Upper
77 100
182 26.9 4.5 44.5
105 24.1 2.7 42.7
51 23.6 2.8 42.8

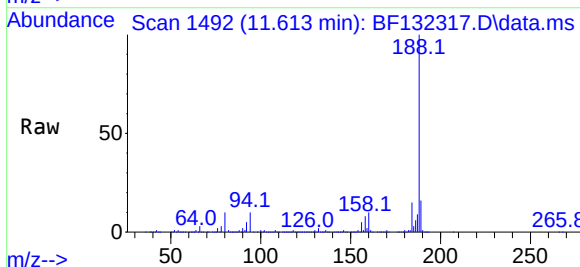
Manual Integrations

APPROVED

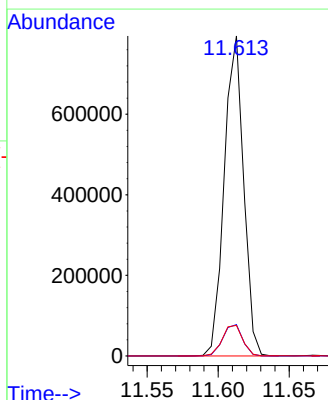
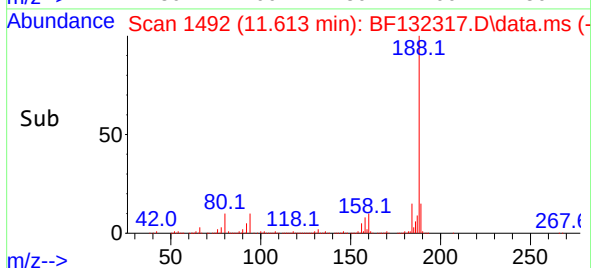
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

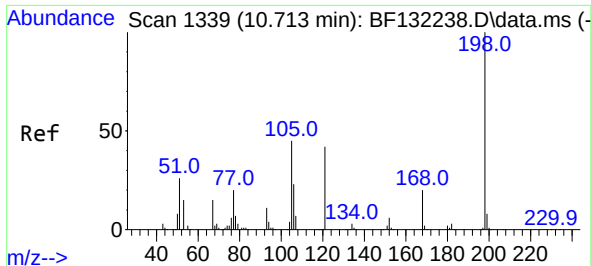


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:188 Resp: 750068
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 9.5 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 49.837 ng
RT: 10.707 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

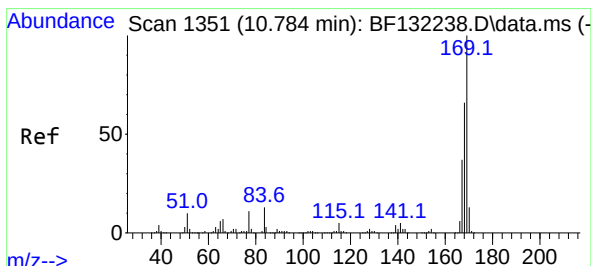
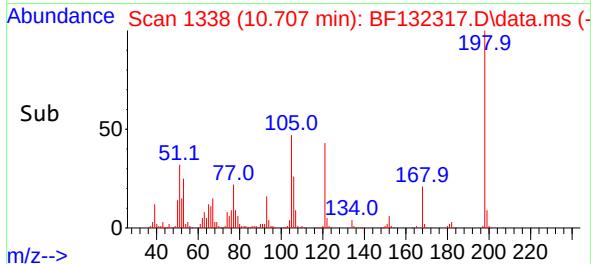
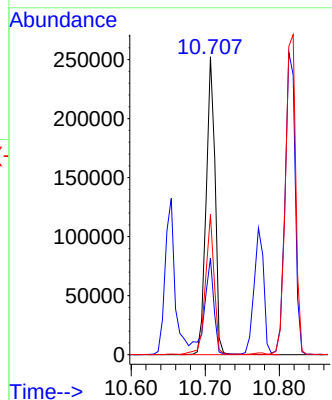
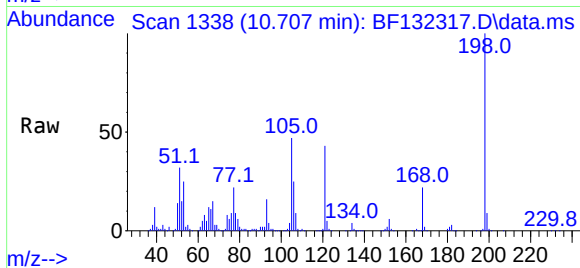
PB150645BS

Tgt Ion:198 Resp: 21215
Ion Ratio Lower Upper
198 100
51 32.5 13.1 53.1
105 47.1 26.0 66.0

Manual Integrations

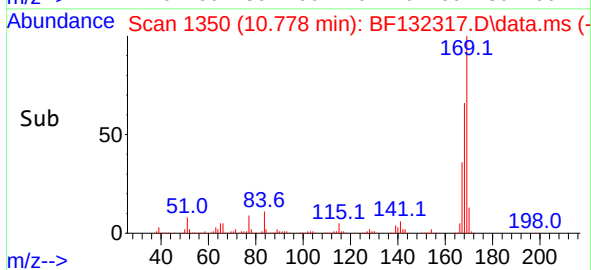
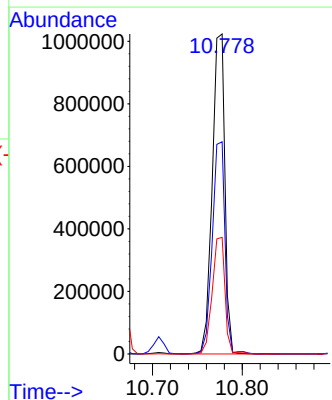
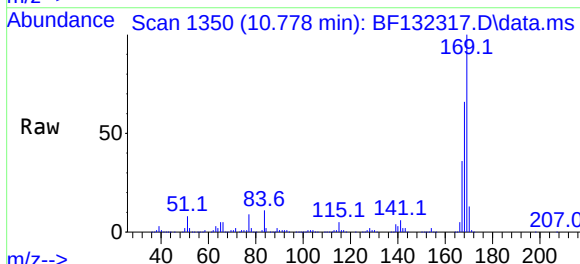
APPROVED

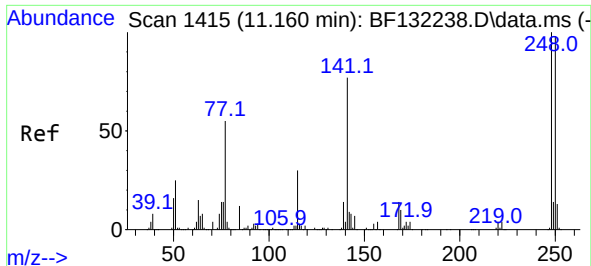
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#66
n-Nitrosodiphenylamine
Concen: 42.522 ng
RT: 10.778 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:169 Resp: 998731
Ion Ratio Lower Upper
169 100
168 66.3 52.6 79.0
167 36.5 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 46.195 ng
RT: 11.148 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

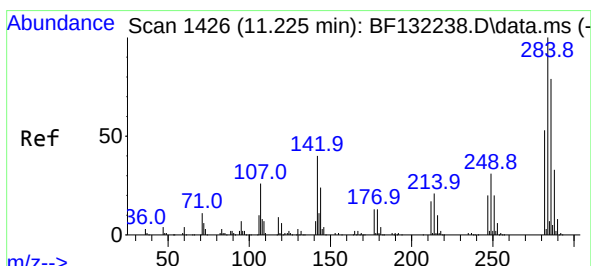
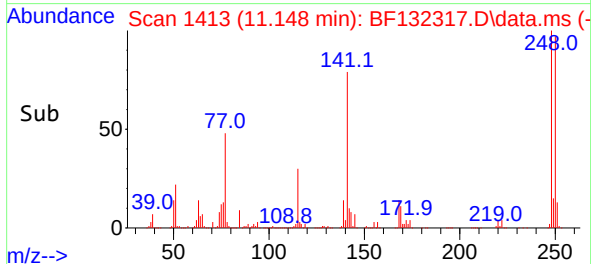
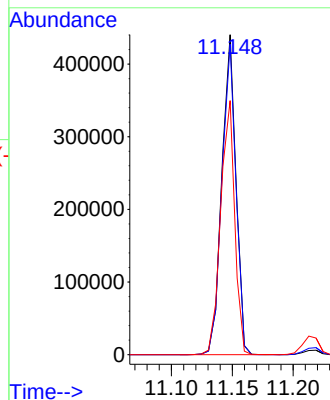
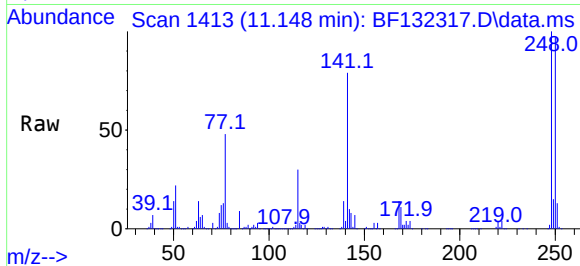
PB150645BS

Tgt Ion:248 Resp: 354808
Ion Ratio Lower Upper
248 100
250 97.0 78.6 117.8
141 79.4 61.6 92.4

Manual Integrations

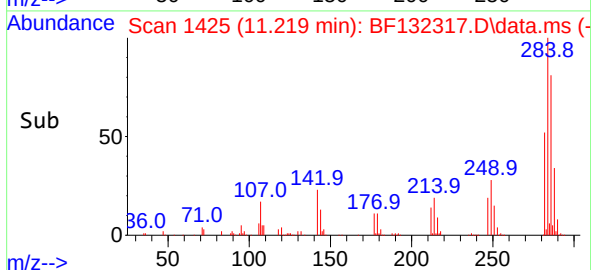
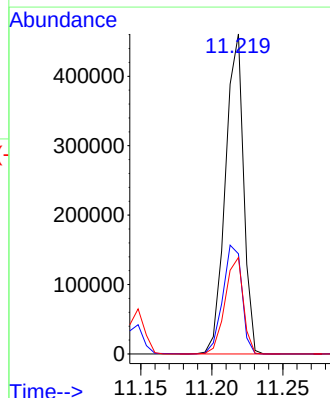
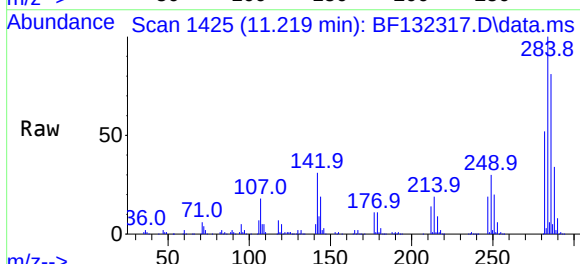
APPROVED

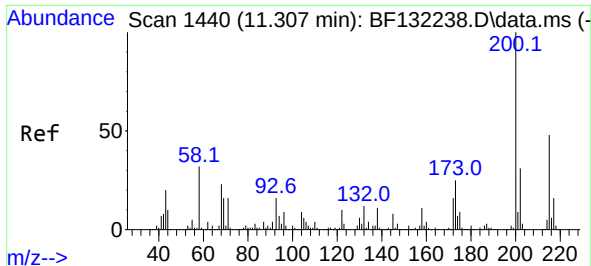
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#68
Hexachlorobenzene
Concen: 49.898 ng
RT: 11.219 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

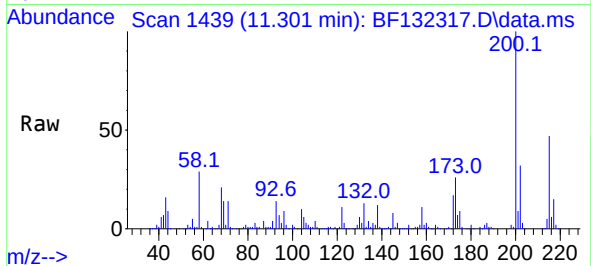
Tgt Ion:284 Resp: 409629
Ion Ratio Lower Upper
284 100
142 31.3 32.2 48.4#
249 30.2 25.0 37.6





#69
Atrazine
Concen: 51.120 ng
RT: 11.301 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

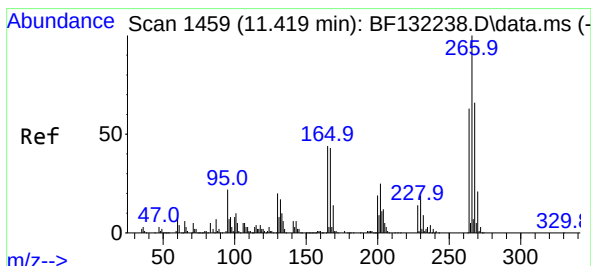
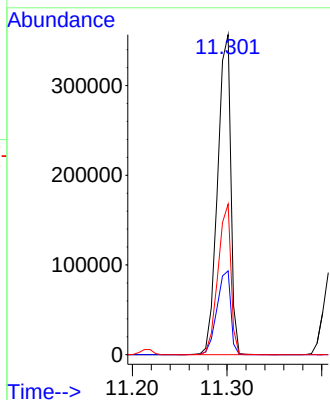
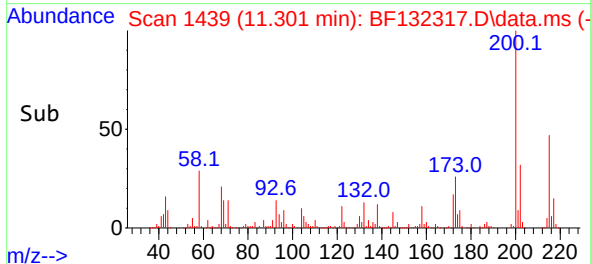
Instrument :
BNA_F
ClientSampleId :
PB150645BS



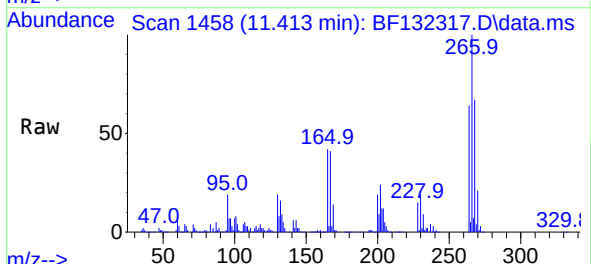
Tgt Ion:200 Resp: 345352
Ion Ratio Lower Upper
200 100
173 26.2 5.1 45.1
215 47.0 27.6 67.6

Manual Integrations
APPROVED

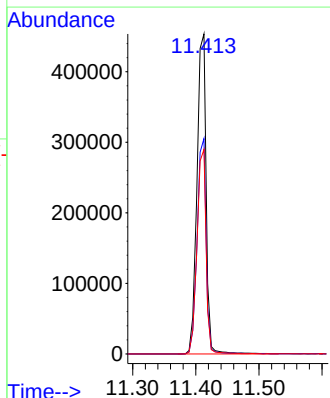
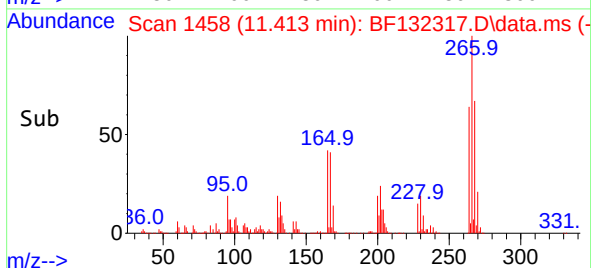
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

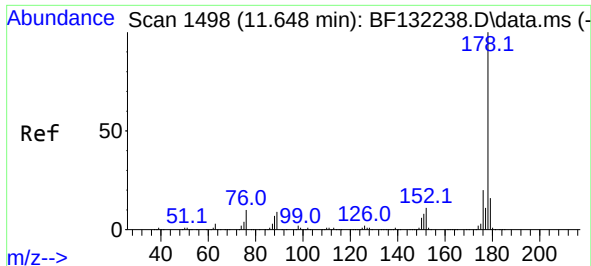


#70
Pentachlorophenol
Concen: 80.723 ng
RT: 11.413 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



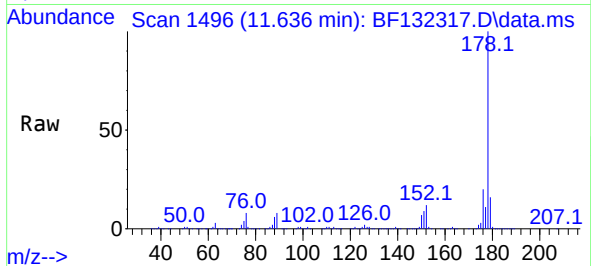
Tgt Ion:266 Resp: 455327
Ion Ratio Lower Upper
266 100
268 67.3 53.0 79.4
264 63.9 50.5 75.7





#71
Phenanthrene
Concen: 42.081 ng
RT: 11.636 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

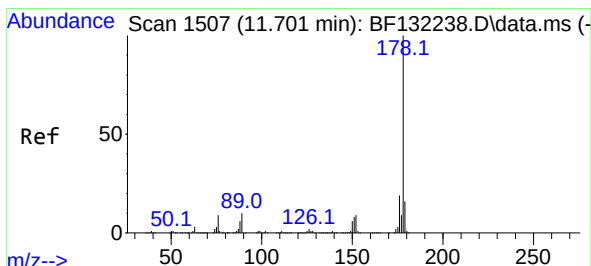
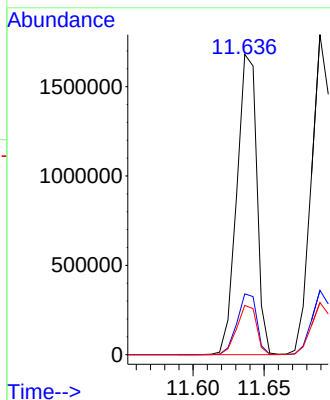
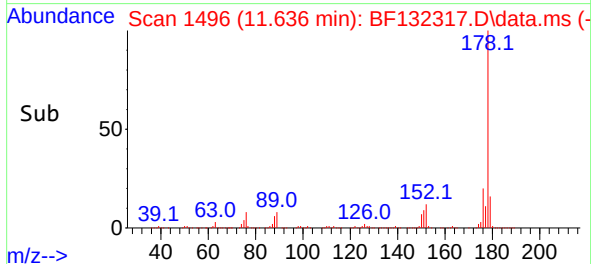
Instrument :
BNA_F
ClientSampleId :
PB150645BS



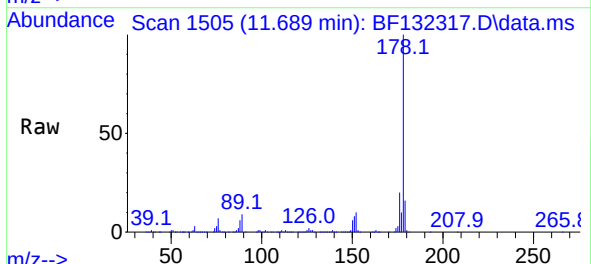
Tgt Ion:178 Resp: 1649370
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.4 12.8 19.2

Manual Integrations
APPROVED

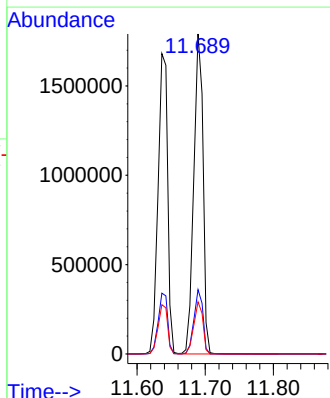
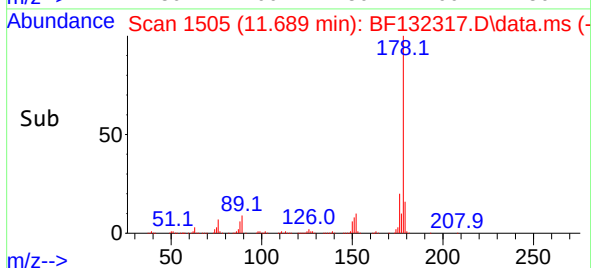
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

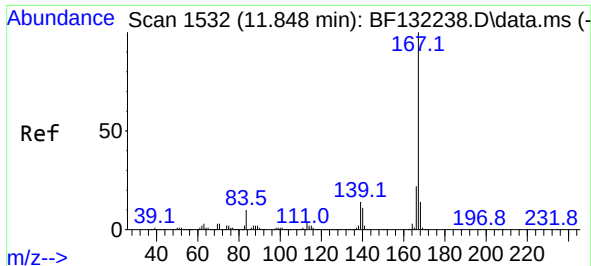


#72
Anthracene
Concen: 41.952 ng
RT: 11.689 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



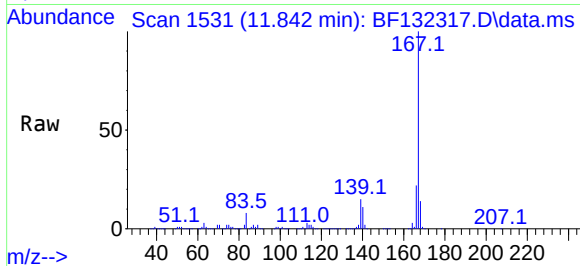
Tgt Ion:178 Resp: 1673402
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 16.3 12.8 19.2





#73
Carbazole
Concen: 41.354 ng
RT: 11.842 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

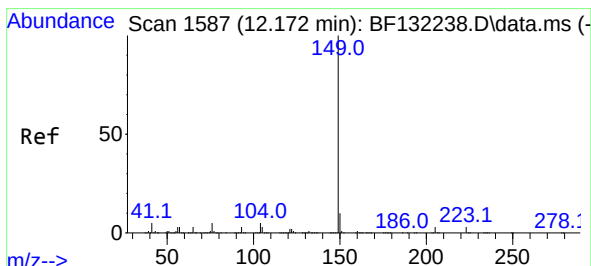
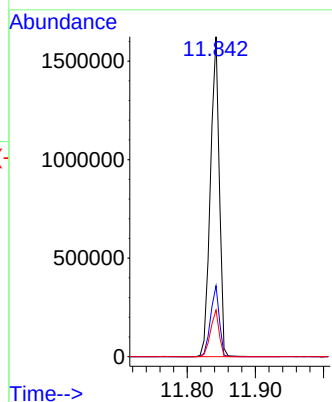
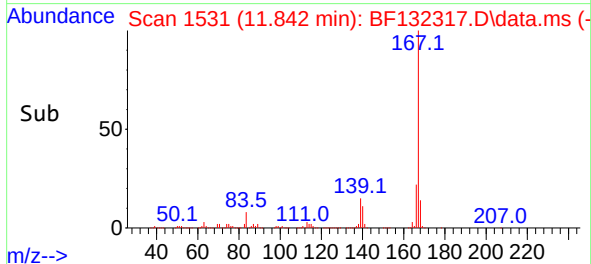
Instrument :
BNA_F
ClientSampleId :
PB150645BS



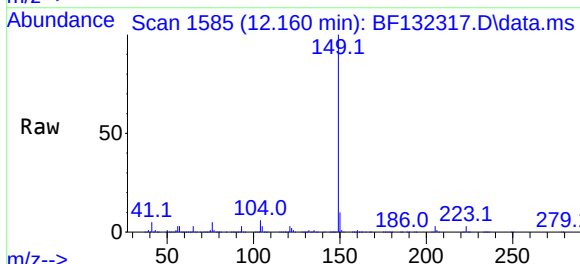
Tgt Ion:167 Resp: 147905
Ion Ratio Lower Upper
167 100
166 22.2 17.4 26.0
139 14.6 11.4 17.2

Manual Integrations
APPROVED

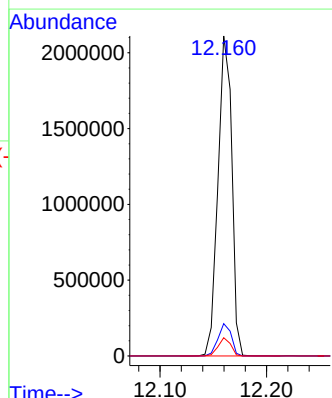
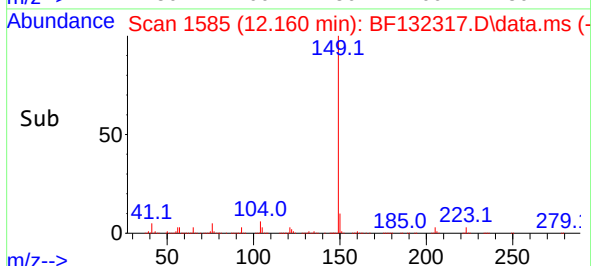
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

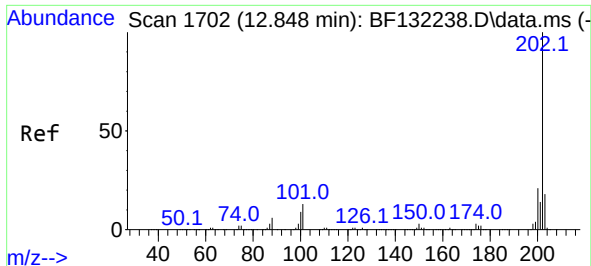


#74
Di-n-butylphthalate
Concen: 44.805 ng
RT: 12.160 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:149 Resp: 1894533
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.8
104 5.7 4.3 6.5





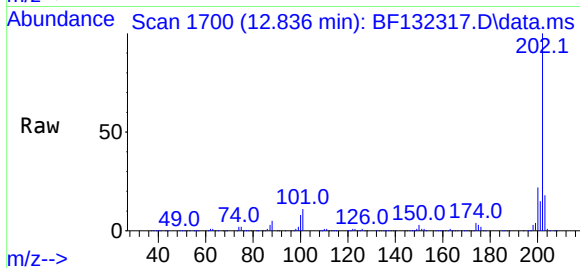
#75
Fluoranthene
Concen: 40.520 ng
RT: 12.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

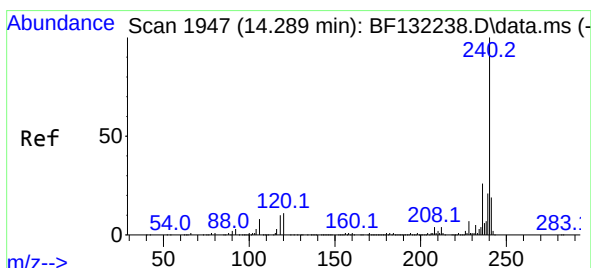
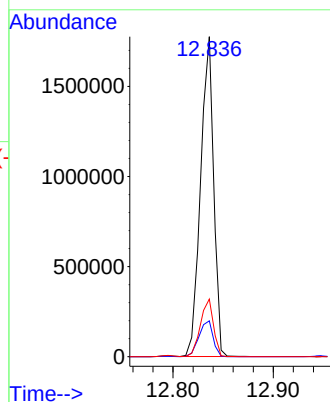
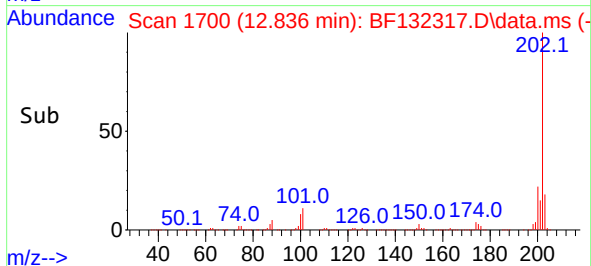


Tgt Ion:202 Resp: 1620704
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.7
203 18.0 0.0 37.9

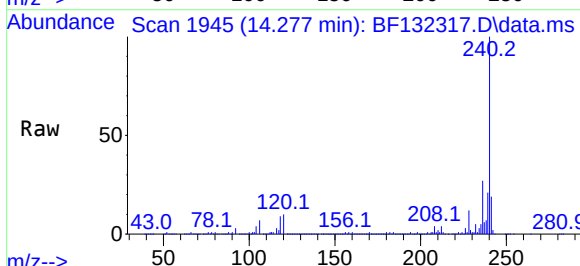
Manual Integrations

APPROVED

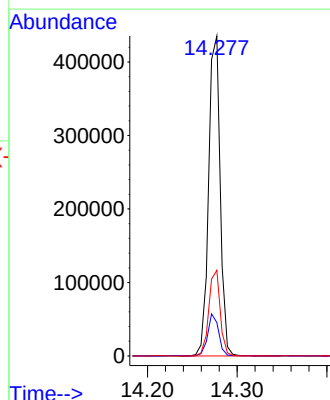
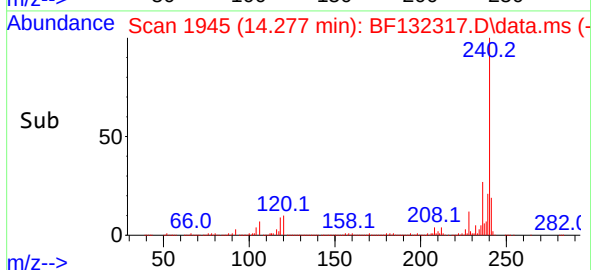
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

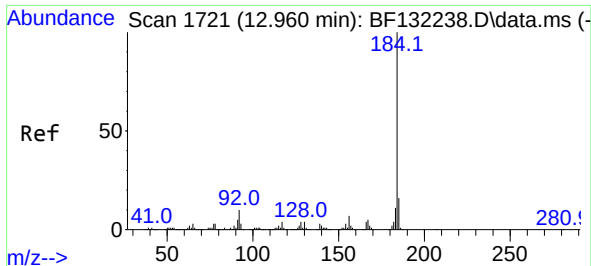


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:240 Resp: 389414
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.8 21.0 31.6





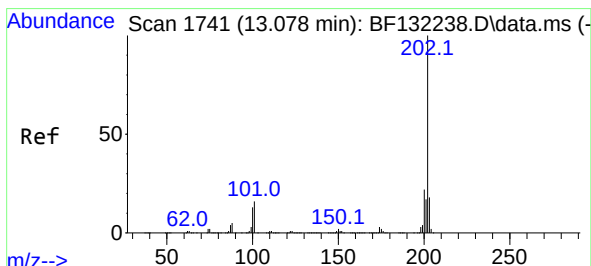
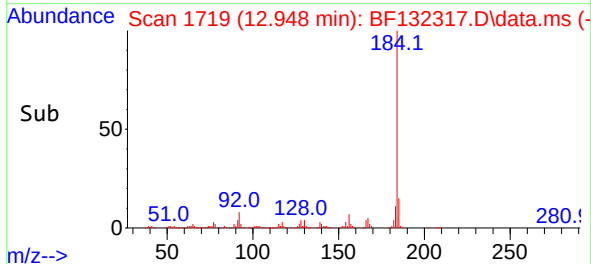
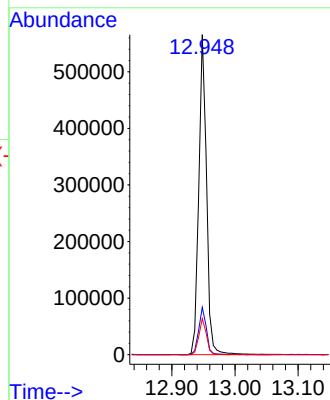
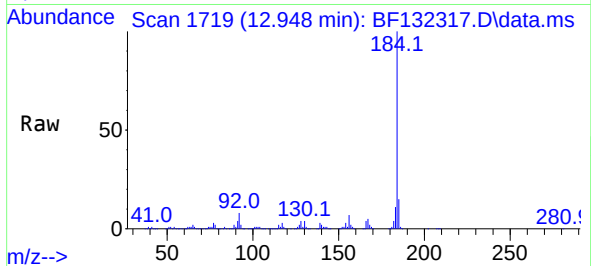
#77
Benzidine
Concen: 35.294 ng
RT: 12.948 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB150645BS

Tgt Ion:184 Resp: 48050
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.2 8.9 13.3

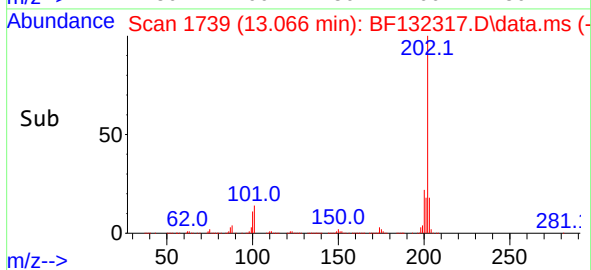
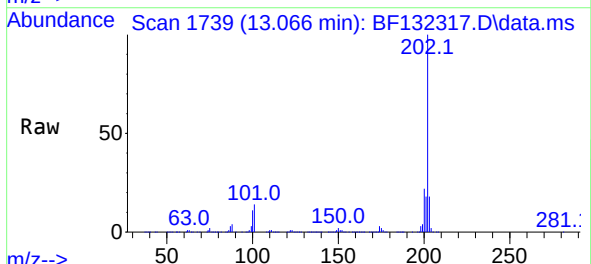
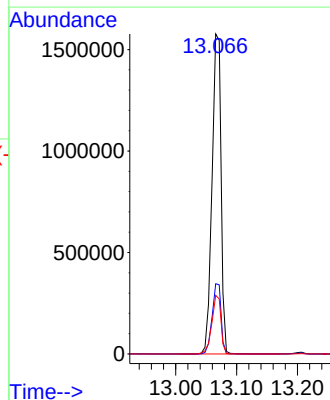
Manual Integrations
APPROVED

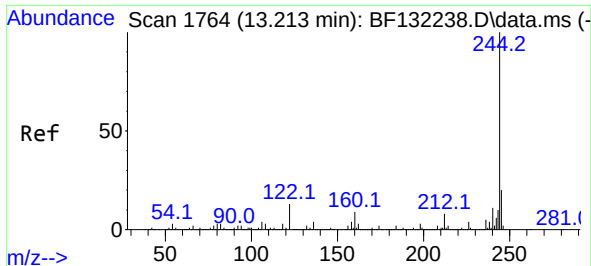
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#78
Pyrene
Concen: 51.954 ng
RT: 13.066 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:202 Resp: 1627254
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 18.3 14.4 21.6





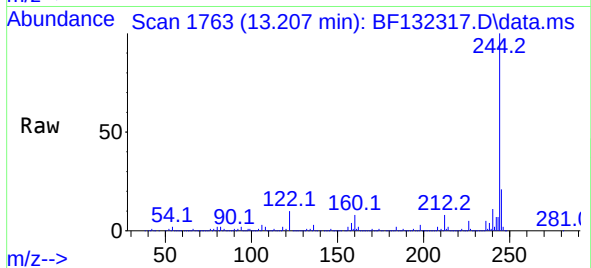
#79
Terphenyl-d14
Concen: 112.463 ng
RT: 13.207 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

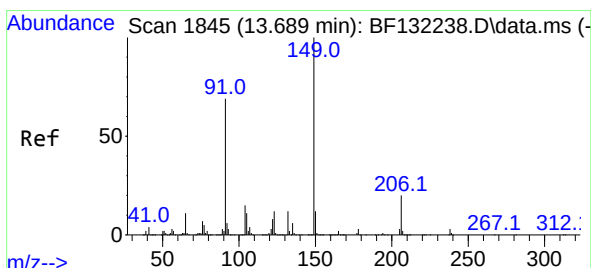
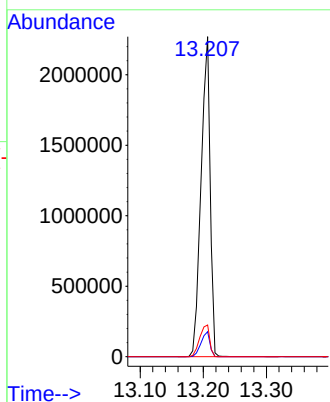
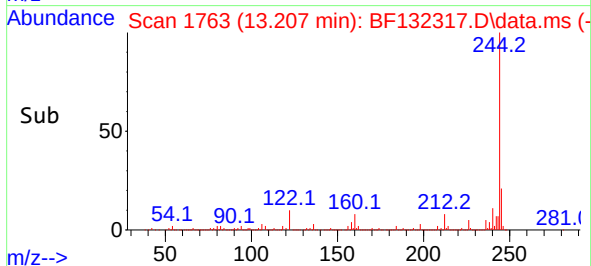


Tgt Ion:244 Resp: 226398
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 9.9 10.5 15.7

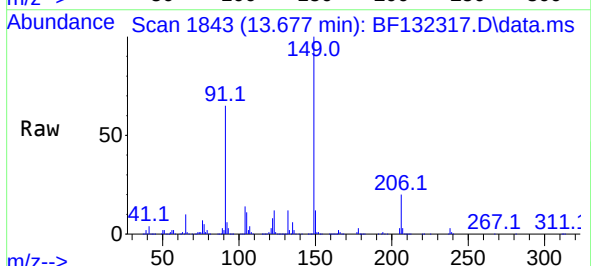
Manual Integrations

APPROVED

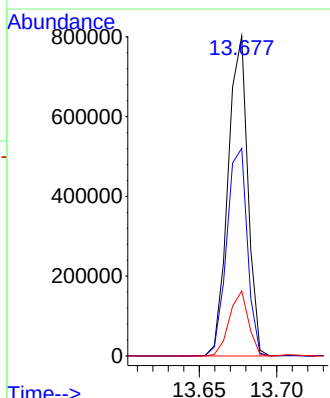
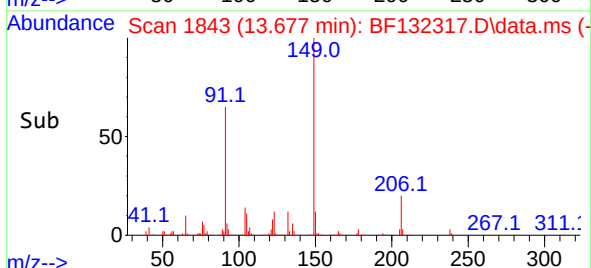
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

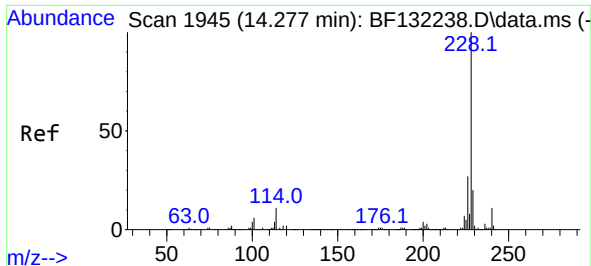


#80
Butylbenzylphthalate
Concen: 51.489 ng
RT: 13.677 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:149 Resp: 712503
Ion Ratio Lower Upper
149 100
91 64.9 55.0 82.6
206 20.3 15.9 23.9





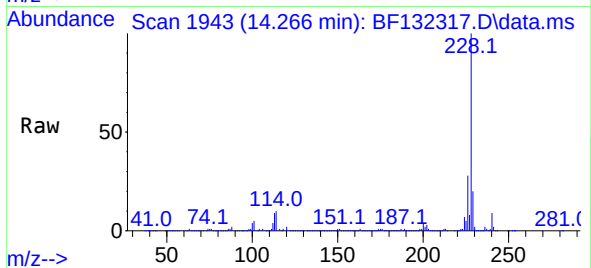
#81
Benzo(a)anthracene
Concen: 45.038 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

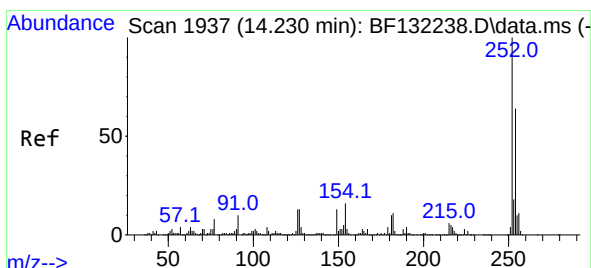
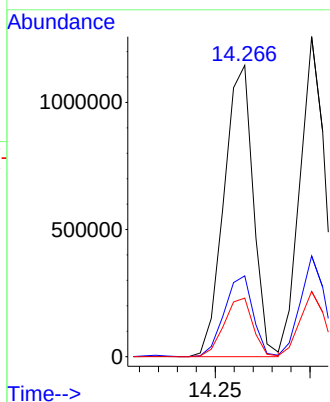
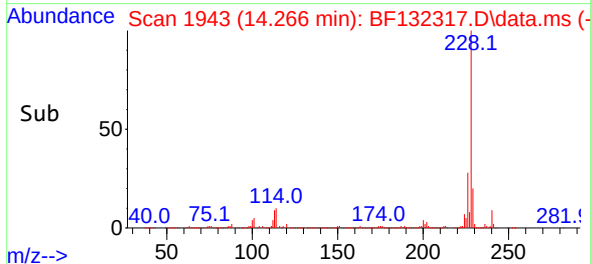


Tgt Ion:228 Resp: 1226674
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.1 15.8 23.6

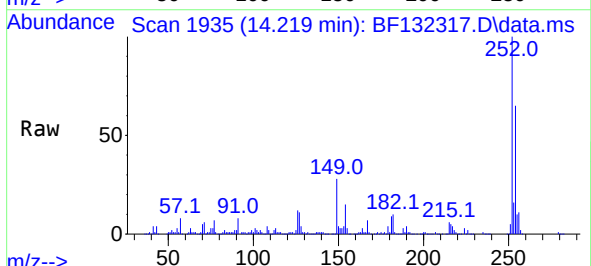
Manual Integrations

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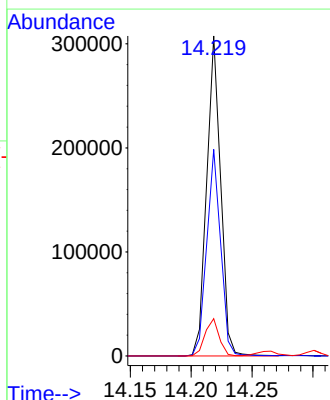
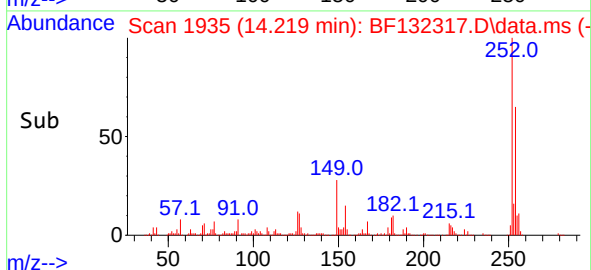
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

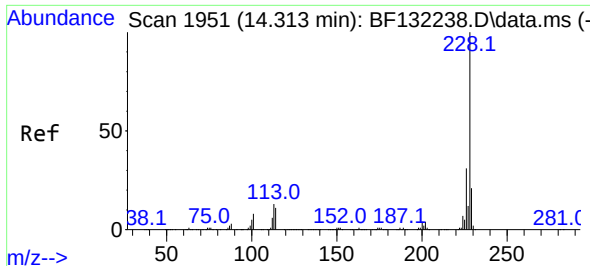


#82
3,3'-Dichlorobenzidine
Concen: 28.216 ng
RT: 14.219 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



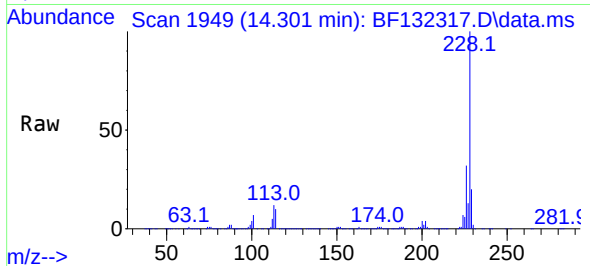
Tgt Ion:252 Resp: 244768
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 11.7 10.5 15.7





#83
Chrysene
Concen: 43.667 ng
RT: 14.301 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

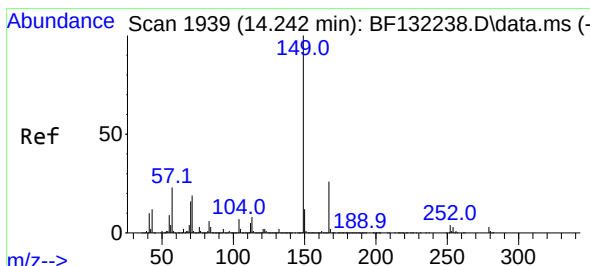
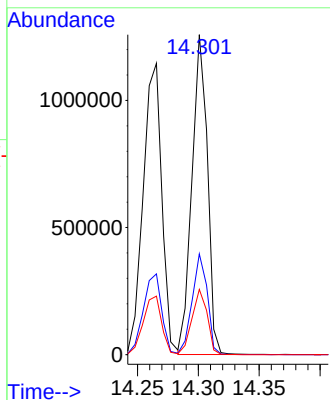
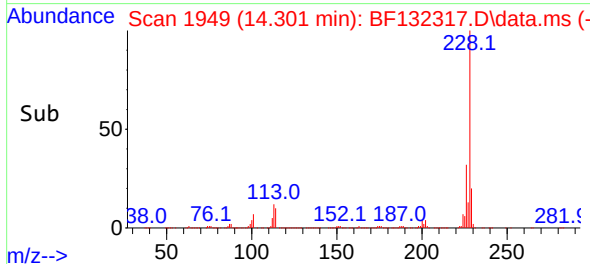
Instrument :
BNA_F
ClientSampleId :
PB150645BS



Tgt Ion:228 Resp: 1113652
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 20.4 16.4 24.6

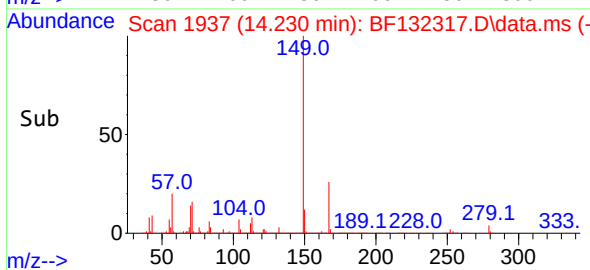
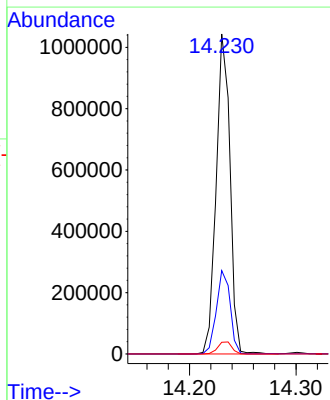
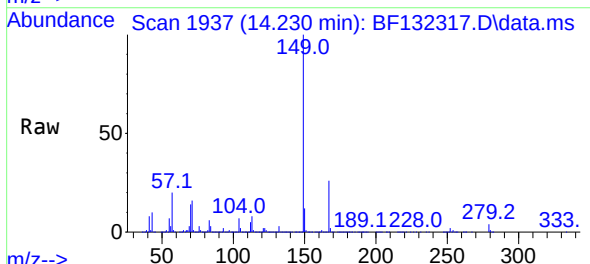
Manual Integrations
APPROVED

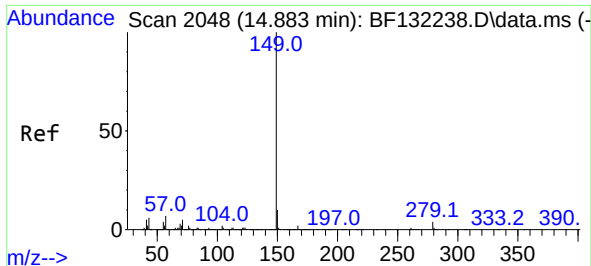
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.932 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

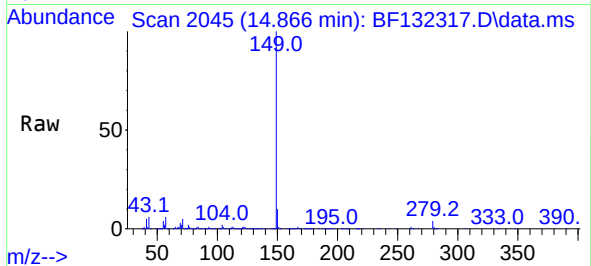
Tgt Ion:149 Resp: 933937
Ion Ratio Lower Upper
149 100
167 26.0 20.7 31.1
279 3.6 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 44.662 ng
RT: 14.866 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

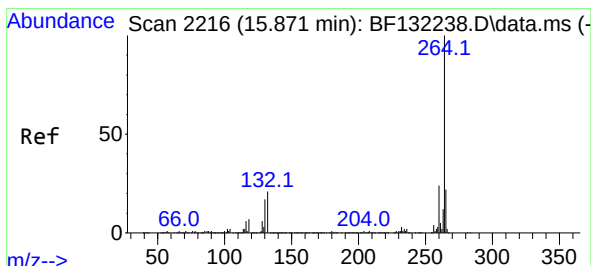
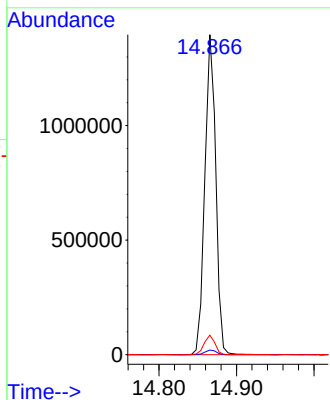
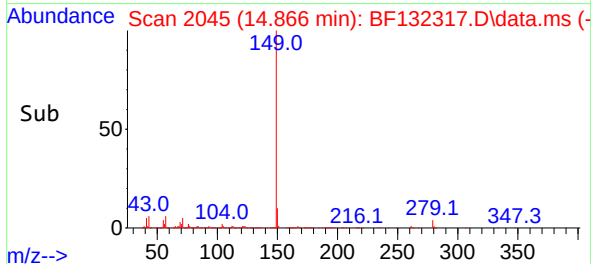
Instrument :
BNA_F
ClientSampleId :
PB150645BS



Tgt Ion:149 Resp: 136254
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 6.1 5.9 8.9

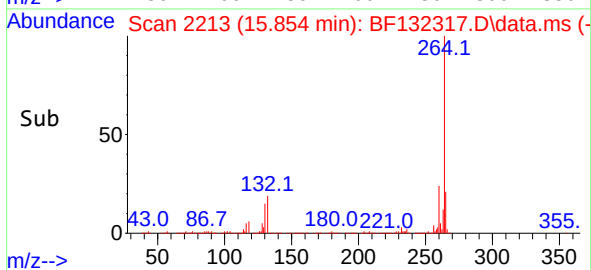
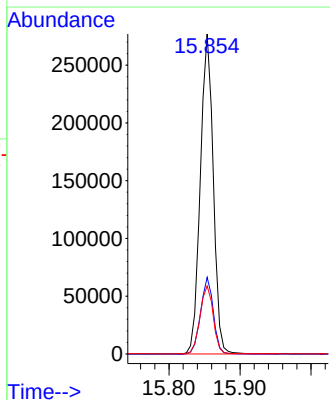
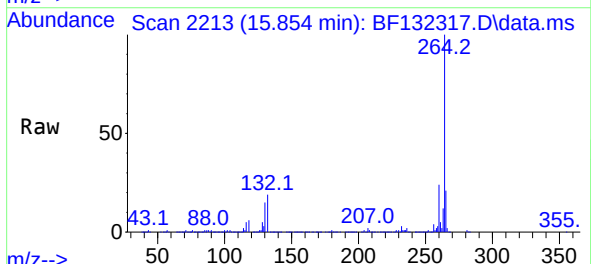
Manual Integrations
APPROVED

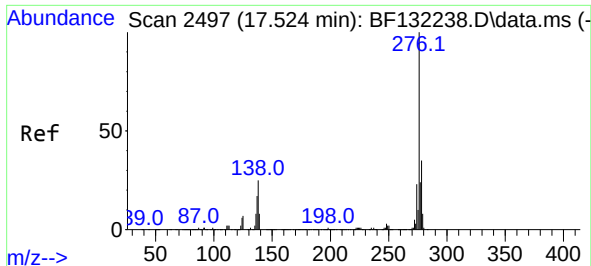
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.854 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

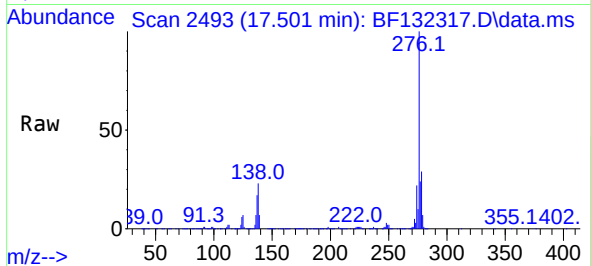
Tgt Ion:264 Resp: 352436
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.716 ng
RT: 17.501 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

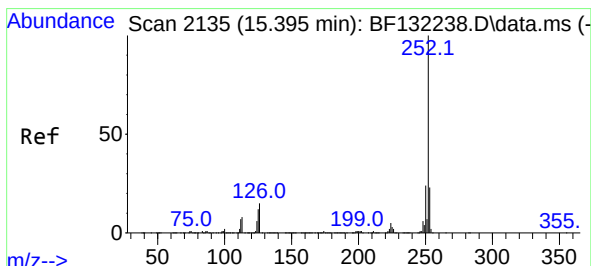
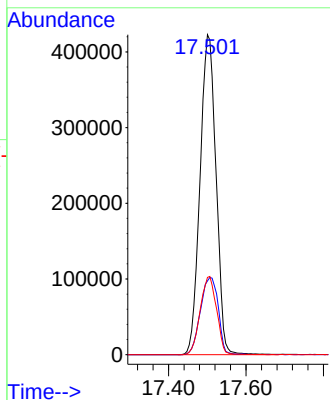
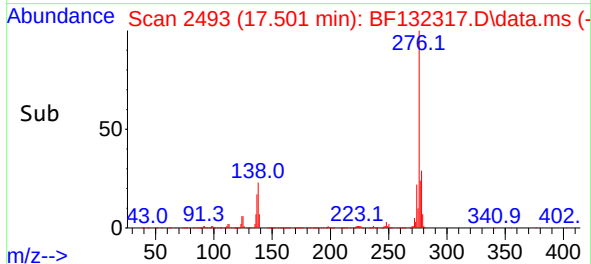
Instrument :
BNA_F
ClientSampleId :
PB150645BS



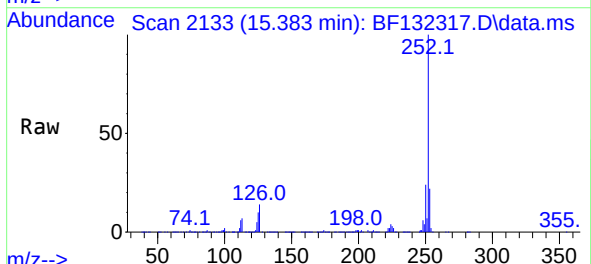
Tgt Ion:276 Resp: 1211084
Ion Ratio Lower Upper
276 100
138 26.7 23.3 34.9
277 25.0 20.0 30.0

Manual Integrations
APPROVED

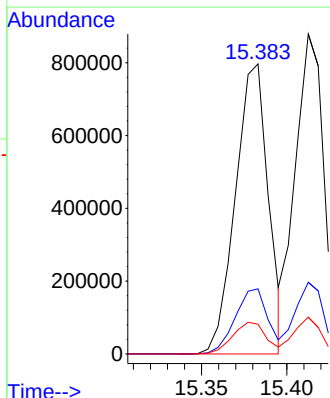
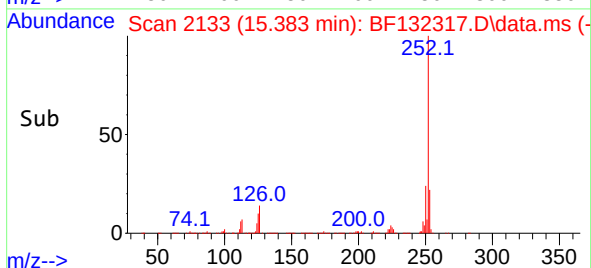
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

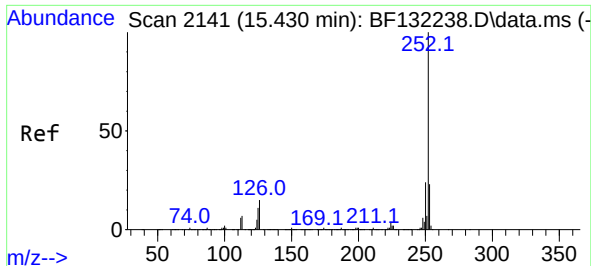


#88
Benzo(b)fluoranthene
Concen: 47.676 ng
RT: 15.383 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47



Tgt Ion:252 Resp: 1068048
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.3 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 48.177 ng

RT: 15.413 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB150645BS

Tgt Ion:252 Resp: 103020

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

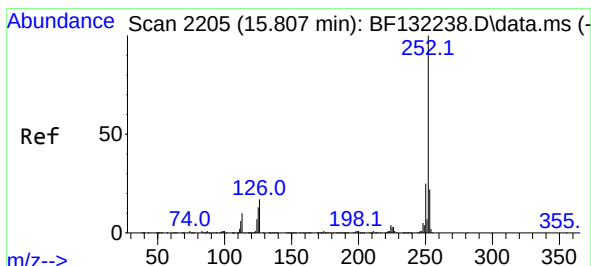
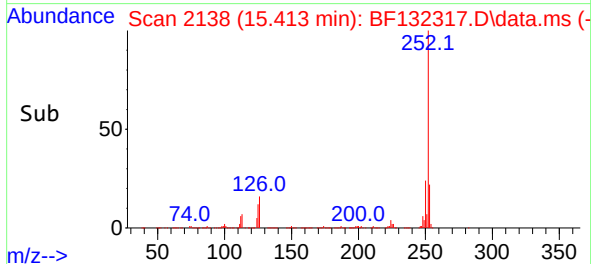
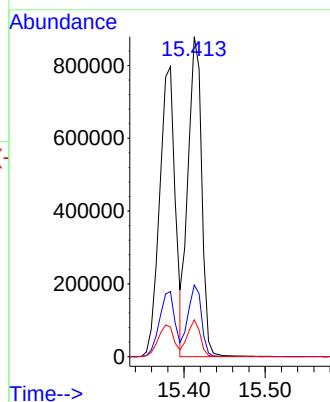
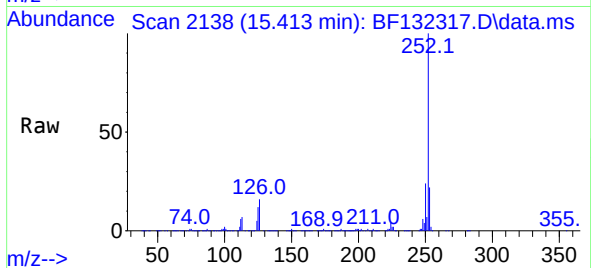
125 11.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#90

Benzo(a)pyrene

Concen: 44.278 ng

RT: 15.789 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF132317.D

Acq: 03 Feb 2023 11:47

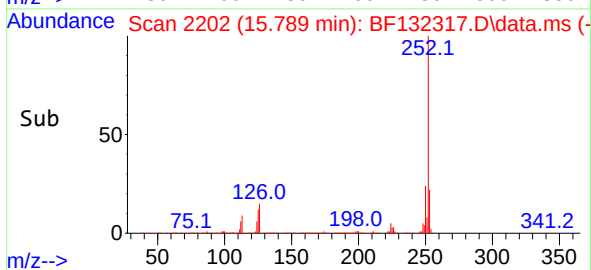
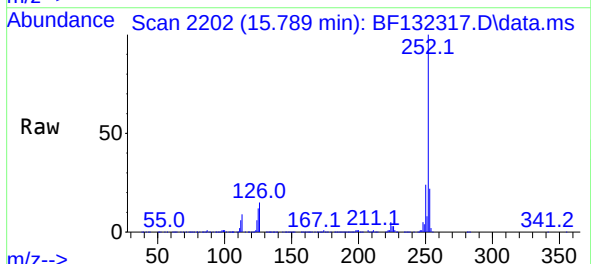
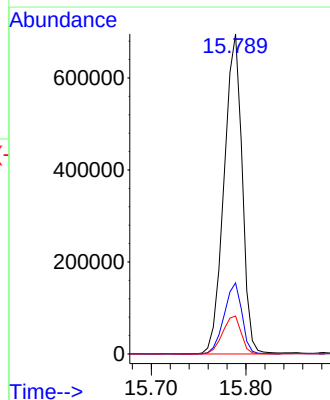
Tgt Ion:252 Resp: 923681

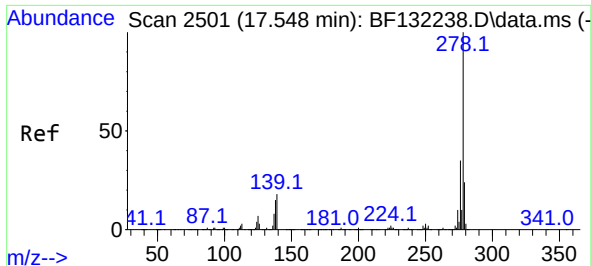
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.8 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 52.810 ng
RT: 17.524 min Scan# 2497
Delta R.T. 0.006 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Instrument :

BNA_F

ClientSampleId :

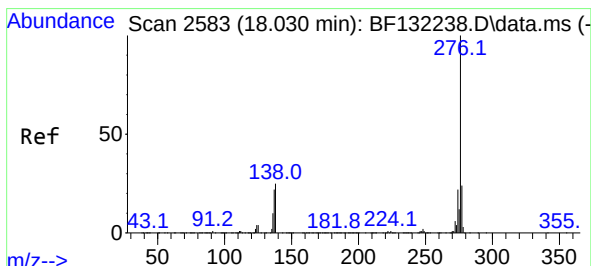
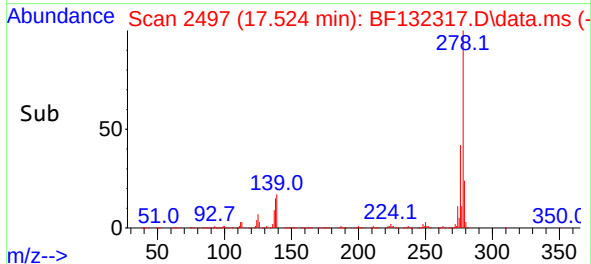
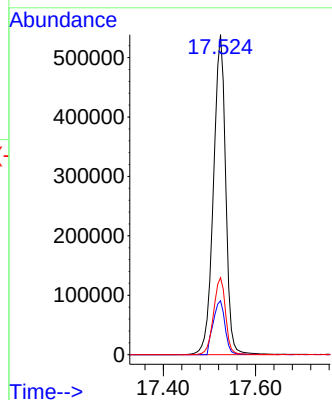
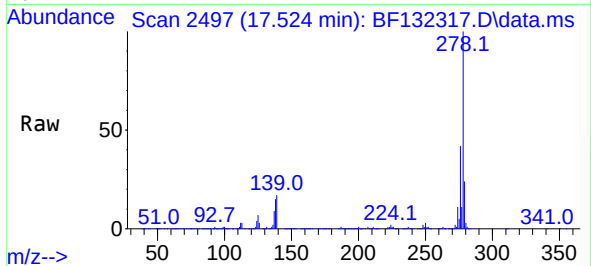
PB150645BS

Tgt Ion:278 Resp: 994308
Ion Ratio Lower Upper
278 100
139 16.8 14.2 21.2
279 24.0 19.6 29.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#92
Benzo(g,h,i)perylene
Concen: 51.826 ng
RT: 18.006 min Scan# 2579
Delta R.T. 0.000 min
Lab File: BF132317.D
Acq: 03 Feb 2023 11:47

Tgt Ion:276 Resp: 1008066
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.2
138 23.8 20.3 30.5

