

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130465.D
 Acq On : 29 Sep 2022 13:45
 Operator : CG\JU
 Sample : PB147985BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147985BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/30/2022
 Supervised By : Jagrut Upadhyay 09/30/2022

Quant Time: Sep 30 03:07:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	126238	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	518448	20.000	ng	0.00
39) Acenaphthene-d10	9.675	164	280146	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	473663	20.000	ng	0.00
76) Chrysene-d12	13.792	240	301759	20.000	ng	# 0.00
86) Perylene-d12	15.174	264	240520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	1006909	138.346	ng	0.01
7) Phenol-d6	6.293	99	1220351	134.005	ng	0.00
23) Nitrobenzene-d5	7.210	82	769912	75.868	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	402773	150.046	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1529192	79.487	ng	0.00
79) Terphenyl-d14	12.745	244	1644093	90.252	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.334	88	102245	30.588	ng	97
3) Pyridine	3.010	79	277817	31.861	ng	92
4) n-Nitrosodimethylamine	2.969	42	163099	34.391	ng	90
6) Aniline	6.304	93	446657	39.807	ng	# 31
8) 2-Chlorophenol	6.428	128	377114	45.486	ng	91
9) Benzaldehyde	6.187	77	207922	34.085	ng	93
10) Phenol	6.304	94	439324	41.165	ng	# 74
11) bis(2-Chloroethyl)ether	6.387	93	334088	43.401	ng	91
12) 1,3-Dichlorobenzene	6.581	146	396872	43.504	ng	96
13) 1,4-Dichlorobenzene	6.657	146	406212	43.665	ng	96
14) 1,2-Dichlorobenzene	6.804	146	391802	45.084	ng	98
15) Benzyl Alcohol	6.793	79	259780	35.979	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.922	45	401763	35.785	ng	83
17) 2-Methylphenol	6.910	107	311369	46.199	ng	96
18) Hexachloroethane	7.145	117	156505	42.679	ng	98
19) n-Nitroso-di-n-propyla...	7.069	70	242754	39.504	ng	90
20) 3+4-Methylphenols	7.063	107	370338	42.299	ng	# 81
22) Acetophenone	7.057	105	518099	40.875	ng	92
24) Nitrobenzene	7.228	77	378107	36.694	ng	95
25) Isophorone	7.469	82	674204	41.220	ng	99
26) 2-Nitrophenol	7.545	139	199591	47.251	ng	# 87
27) 2,4-Dimethylphenol	7.593	122	307397	47.263	ng	94
28) bis(2-Chloroethoxy)met...	7.687	93	403057	43.763	ng	100
29) 2,4-Dichlorophenol	7.792	162	309737	43.458	ng	94
30) 1,2,4-Trichlorobenzene	7.869	180	325933	42.298	ng	94
31) Naphthalene	7.945	128	1058288	39.622	ng	99
32) Benzoic acid	7.740	122	187956	37.370	ng	96
33) 4-Chloroaniline	8.004	127	368230	36.248	ng	94
34) Hexachlorobutadiene	8.063	225	206717	41.976	ng	99
35) Caprolactam	8.387	113	94277m	46.141	ng	
36) 4-Chloro-3-methylphenol	8.498	107	330086	41.783	ng	99
37) 2-Methylnaphthalene	8.639	142	705090	41.403	ng	99
38) 1-Methylnaphthalene	8.734	142	662630	40.504	ng	99
40) 1,2,4,5-Tetrachloroben...	8.804	216	330354	43.210	ng	98
41) Hexachlorocyclopentadiene	8.787	237	367896	89.879	ng	100
43) 2,4,6-Trichlorophenol	8.922	196	217735	40.807	ng	94

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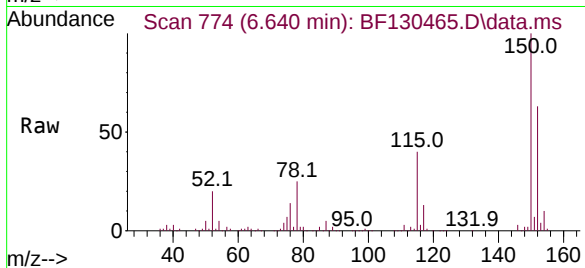
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.963	196	234947	40.805	ng	98
46) 1,1'-Biphenyl	9.104	154	861681	41.184	ng	98
47) 2-Chloronaphthalene	9.128	162	672042	39.707	ng	96
48) 2-Nitroaniline	9.228	65	197921	35.061	ng	92
49) Acenaphthylene	9.539	152	994185	39.177	ng	99
50) Dimethylphthalate	9.410	163	774764	40.037	ng	99
51) 2,6-Dinitrotoluene	9.475	165	174103	43.019	ng	# 80
52) Acenaphthene	9.710	154	722602m	43.339	ng	
53) 3-Nitroaniline	9.639	138	142314	31.558	ng	93
54) 2,4-Dinitrophenol	9.751	184	174628	79.578	ng	87
55) Dibenzofuran	9.881	168	915785	39.489	ng	98
56) 4-Nitrophenol	9.822	139	249035	75.819	ng	# 79
57) 2,4-Dinitrotoluene	9.875	165	227323	43.950	ng	# 94
58) Fluorene	10.222	166	739887	39.011	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.004	232	183634	40.746	ng	91
60) Diethylphthalate	10.110	149	751802	38.742	ng	98
61) 4-Chlorophenyl-phenyle...	10.216	204	351154	42.206	ng	99
62) 4-Nitroaniline	10.257	138	178454m	39.392	ng	
63) Azobenzene	10.381	77	680140	34.037	ng	92
65) 4,6-Dinitro-2-methylph...	10.286	198	114045	43.252	ng	80
66) n-Nitrosodiphenylamine	10.345	169	639362	40.393	ng	98
67) 4-Bromophenyl-phenylether	10.704	248	223883	42.846	ng	99
68) Hexachlorobenzene	10.769	284	258626	43.663	ng	97
69) Atrazine	10.875	200	204406	44.190	ng	95
70) Pentachlorophenol	10.969	266	244511	76.917	ng	98
71) Phenanthrene	11.181	178	1044897	39.292	ng	99
72) Anthracene	11.233	178	1061048	41.345	ng	100
73) Carbazole	11.392	167	952279	41.116	ng	99
74) Di-n-butylphthalate	11.728	149	1159815	41.527	ng	99
75) Fluoranthene	12.363	202	1070907	41.674	ng	100
77) Benzidine	12.498	184	624806	71.327	ng	99
78) Pyrene	12.592	202	1061388	40.207	ng	99
80) Butylbenzylphthalate	13.222	149	446240	45.631	ng	91
81) Benzo(a)anthracene	13.780	228	830731	41.382	ng	98
82) 3,3'-Dichlorobenzidine	13.751	252	247949	45.375	ng	# 98
83) Chrysene	13.816	228	767567	40.270	ng	99
84) Bis(2-ethylhexyl)phtha...	13.780	149	569381	50.830	ng	# 96
85) Di-n-octyl phthalate	14.392	149	793861	46.335	ng	95
87) Indeno(1,2,3-cd)pyrene	16.498	276	698050	40.926	ng	98
88) Benzo(b)fluoranthene	14.792	252	728106m	46.380	ng	
89) Benzo(k)fluoranthene	14.816	252	632057	40.929	ng	99
90) Benzo(a)pyrene	15.121	252	579815	46.620	ng	97
91) Dibenzo(a,h)anthracene	16.515	278	606763	43.364	ng	98
92) Benzo(g,h,i)perylene	16.898	276	599852	42.558	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.640 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF130465.D
 Acq: 29 Sep 2022 13:45

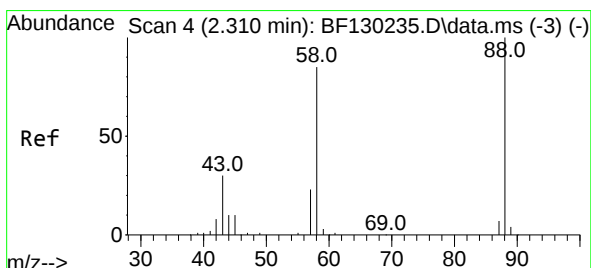
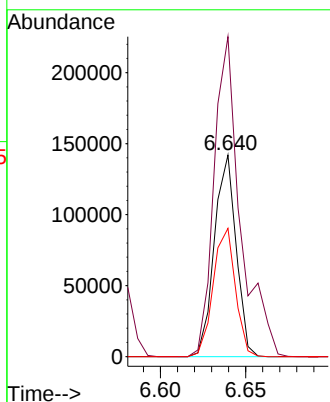
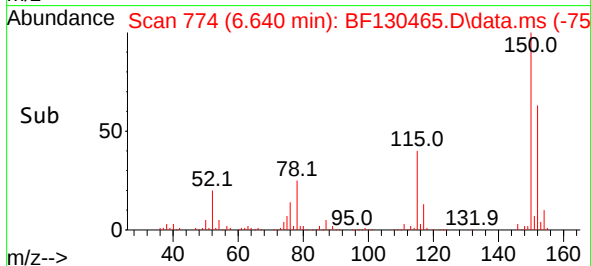
Instrument :
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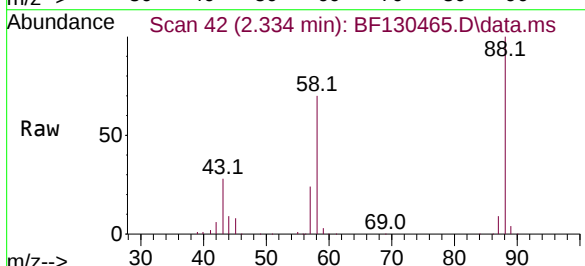
Tgt Ion: 152 Resp: 126238
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.8 184.2
 115 63.6 53.8 80.8

Manual Integrations
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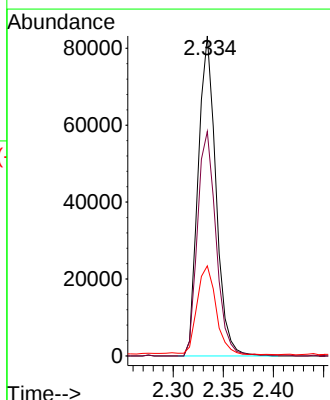
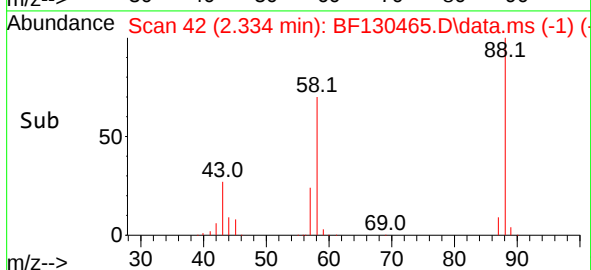
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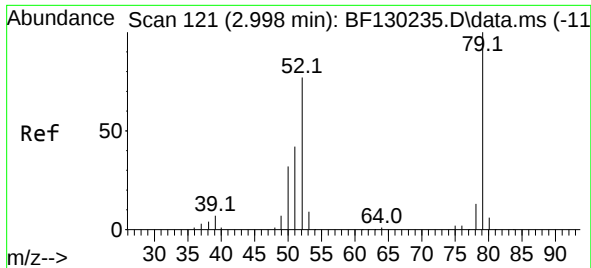


#2
 1,4-Dioxane
 Concen: 30.588 ng
 RT: 2.334 min Scan# 42
 Delta R.T. 0.071 min
 Lab File: BF130465.D
 Acq: 29 Sep 2022 13:45



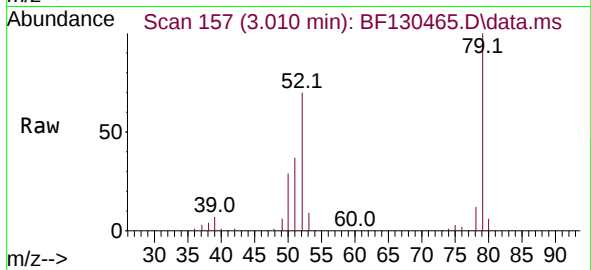
Tgt Ion: 88 Resp: 102245
 Ion Ratio Lower Upper
 88 100
 58 73.4 61.3 91.9
 43 30.2 23.0 34.6





#3
Pyridine
Concen: 31.861 ng
RT: 3.010 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

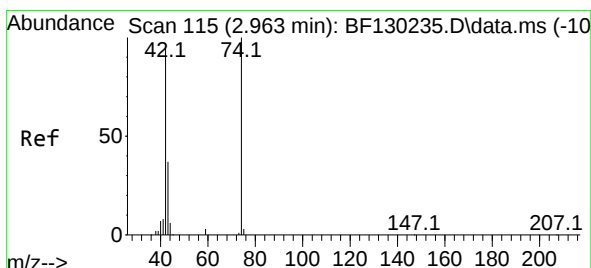
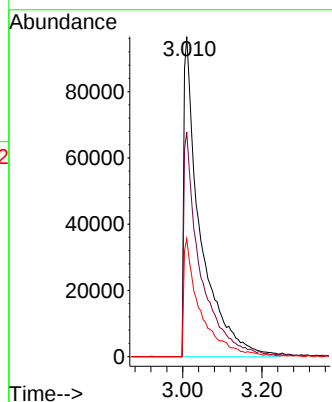
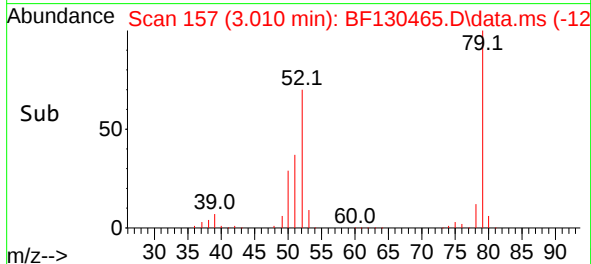
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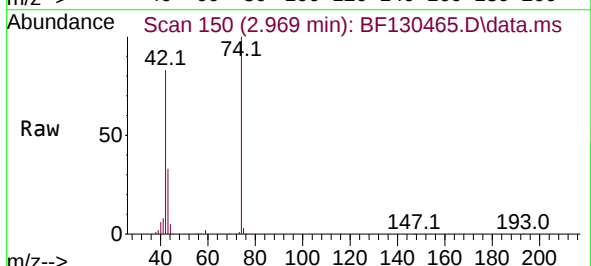
Tgt Ion: 79 Resp: 27781
Ion Ratio Lower Upper
79 100
52 70.2 62.4 93.6
51 36.9 32.2 48.4

Manual Integrations
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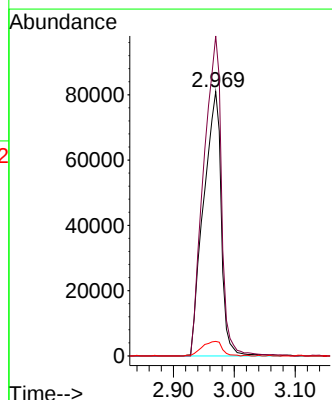
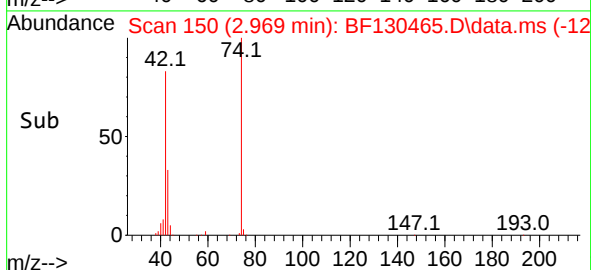
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Supervised By :Jagrut Upadhyay 09/30/2022

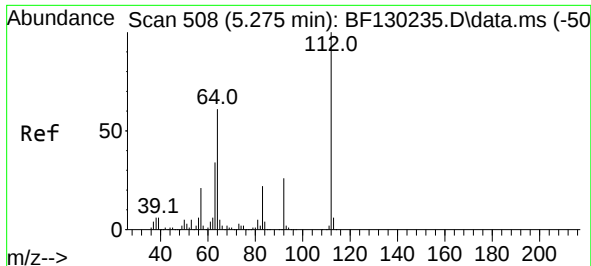


#4
n-Nitrosodimethylamine
Concen: 34.391 ng
RT: 2.969 min Scan# 150
Delta R.T. 0.065 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



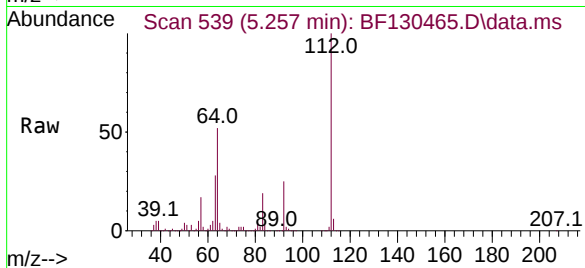
Tgt Ion: 42 Resp: 163099
Ion Ratio Lower Upper
42 100
74 121.1 88.4 132.6
44 5.5 5.0 7.4





#5
2-Fluorophenol
Concen: 138.346 ng
RT: 5.257 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

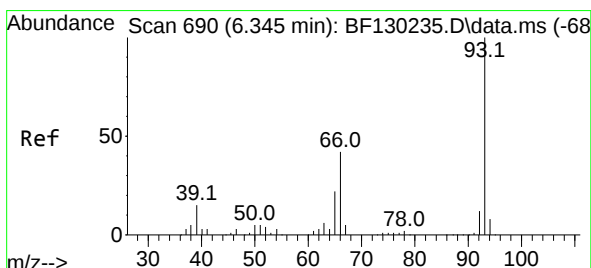
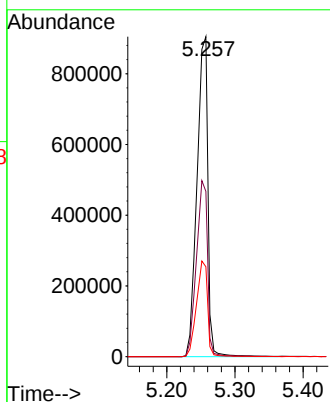
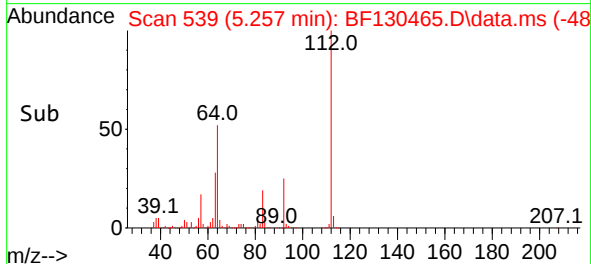
Instrument :
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Tgt Ion: 112 Resp: 1006909
Ion Ratio Lower Upper
112 100
64 51.6 51.4 77.0
63 28.1 28.8 43.2

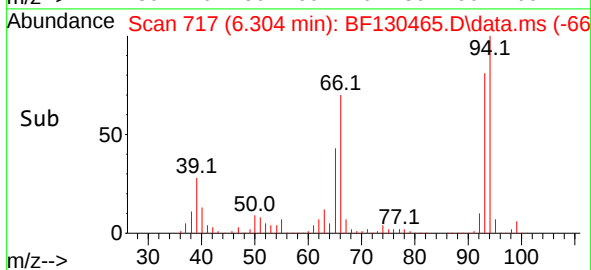
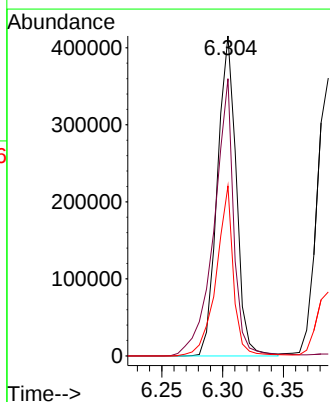
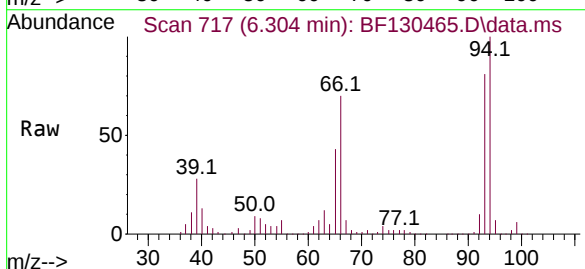
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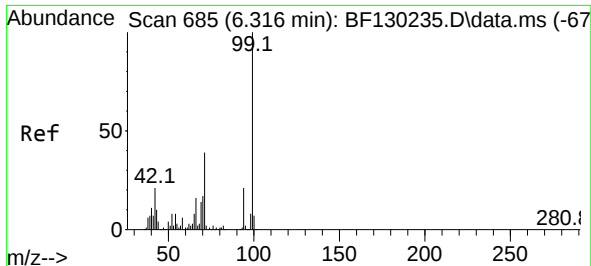
Reviewed By :Christian Giraldo 09/30/2022
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#6
Aniline
Concen: 39.807 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

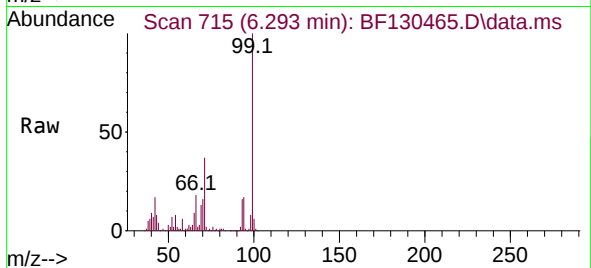
Tgt Ion: 93 Resp: 446657
Ion Ratio Lower Upper
93 100
66 86.6 34.2 51.4#
65 53.1 16.6 24.8#





#7
Phenol-d6
Concen: 134.005 ng
RT: 6.293 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

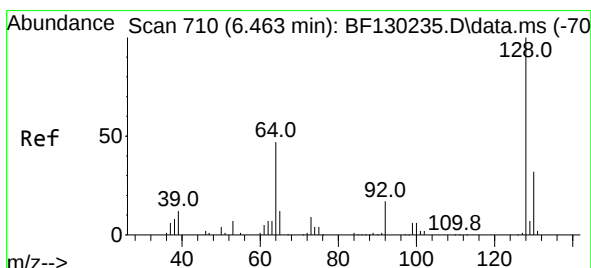
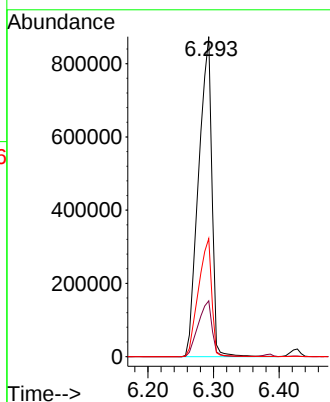
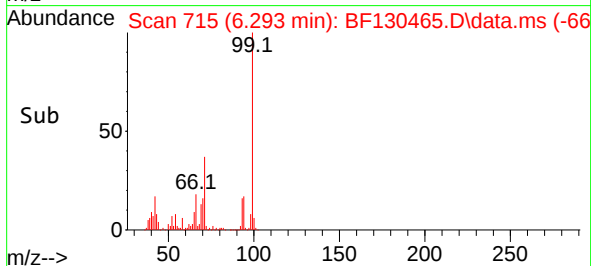
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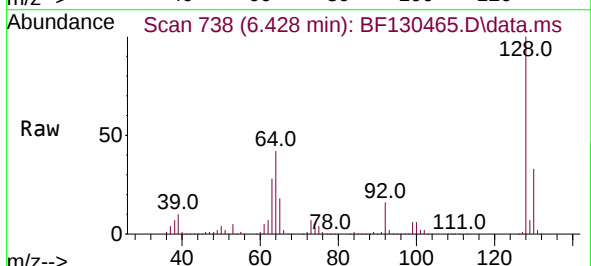
Tgt Ion: 99 Resp: 122035
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.9 32.3 48.5

Manual Integrations
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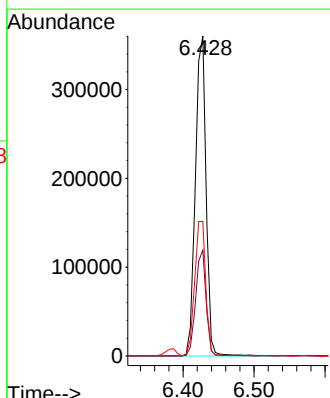
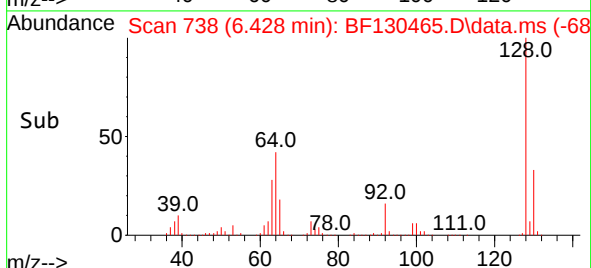
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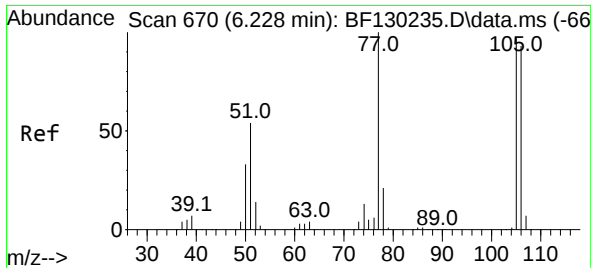


#8
2-Chlorophenol
Concen: 45.486 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



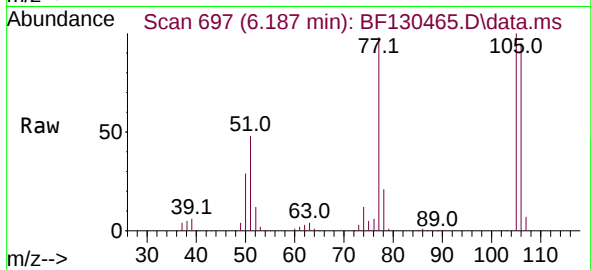
Tgt Ion:128 Resp: 377114
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 42.0 31.6 71.6





#9
Benzaldehyde
Concen: 34.085 ng
RT: 6.187 min Scan# 69
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

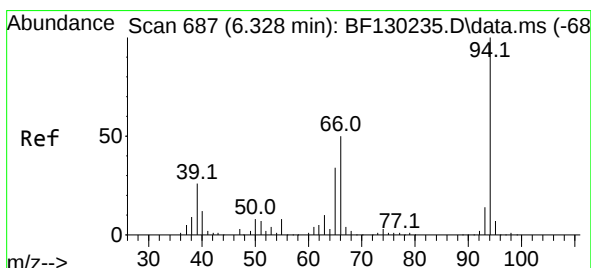
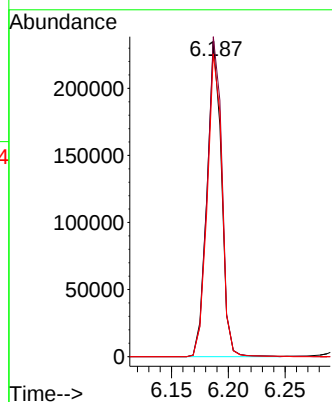
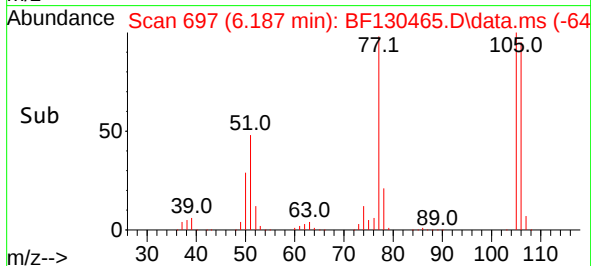
Instrument :
BNA_F
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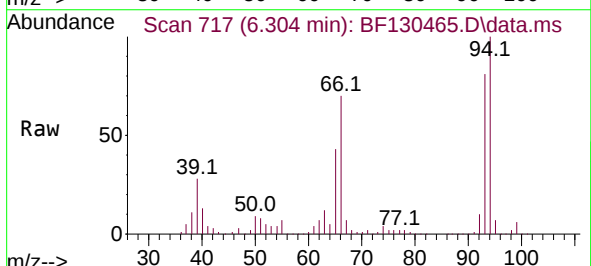
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Ion Ratio Lower Upper
77 100
105 101.6 75.1 115.1
106 96.1 69.7 109.7

Manual Integrations
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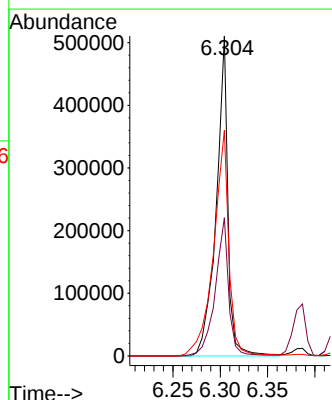
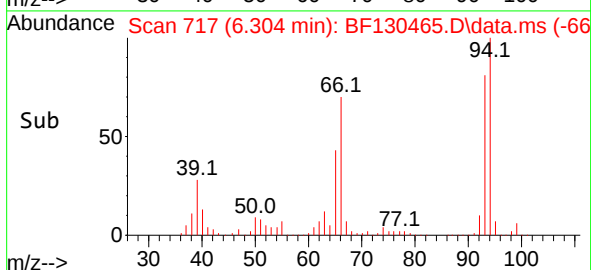
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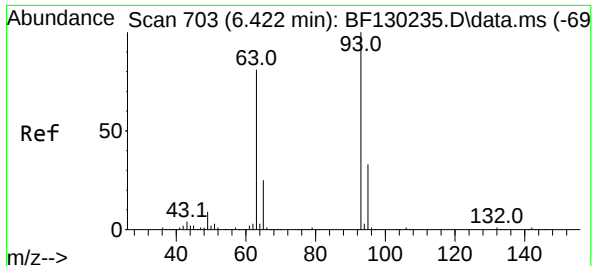


#10
Phenol
Concen: 41.165 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion: 94 Resp: 439324
Ion Ratio Lower Upper
94 100
65 43.2 14.1 54.1
66 70.5 28.1 68.1#





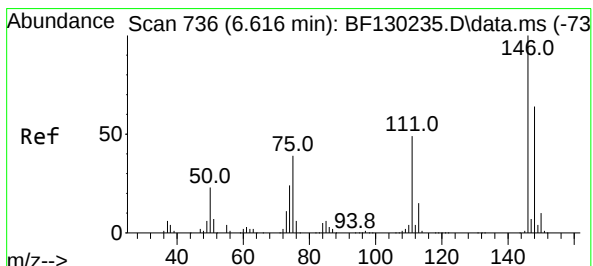
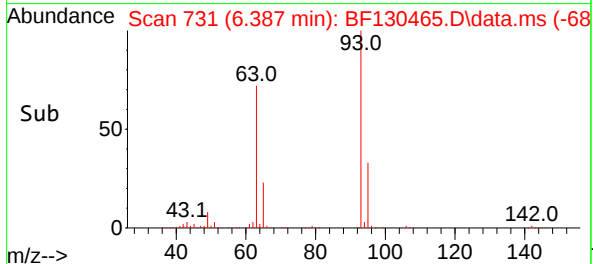
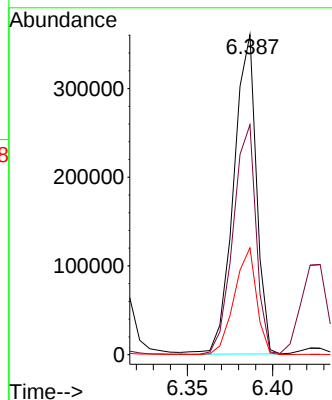
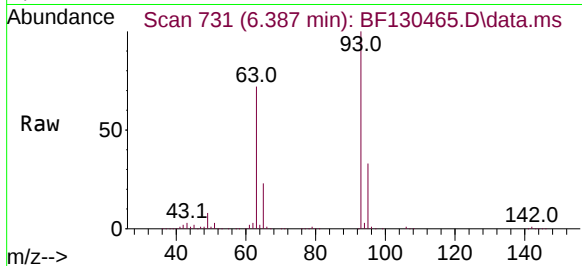
#11
bis(2-Chloroethyl)ether
Concen: 43.401 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Instrument :
BNA_F
ClientSampleId :
PB147985BS

Tgt Ion: 93 Resp: 334088
Ion Ratio Lower Upper
93 100
63 71.8 62.5 102.5
95 33.4 12.5 52.5

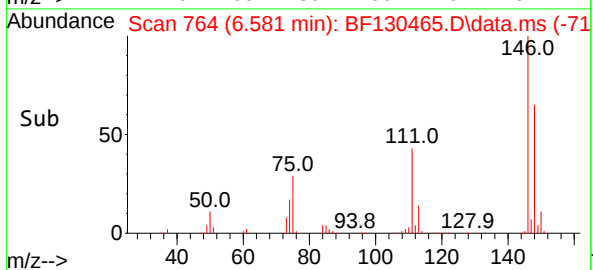
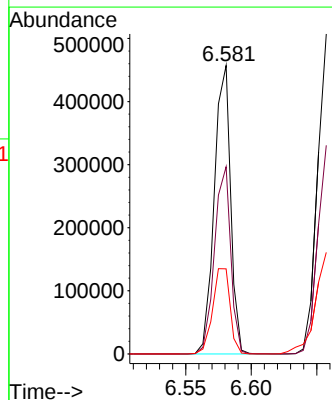
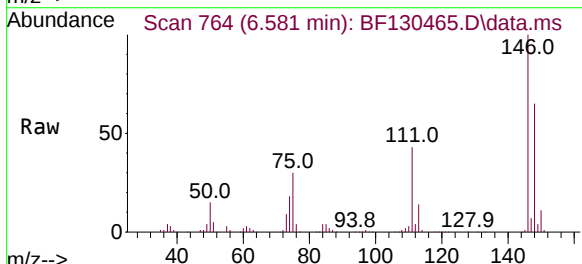
Manual Integrations
APPROVED

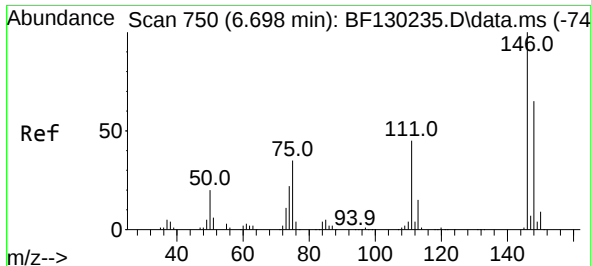
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#12
1,3-Dichlorobenzene
Concen: 43.504 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Tgt Ion:146 Resp: 396872
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 29.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 43.665 ng

RT: 6.657 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS

Tgt Ion:146 Resp: 406212

Ion Ratio Lower Upper

146 100

148 65.2 50.3 75.5

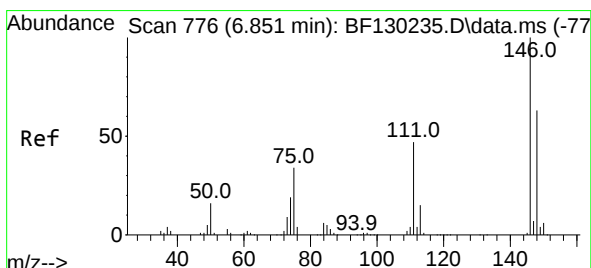
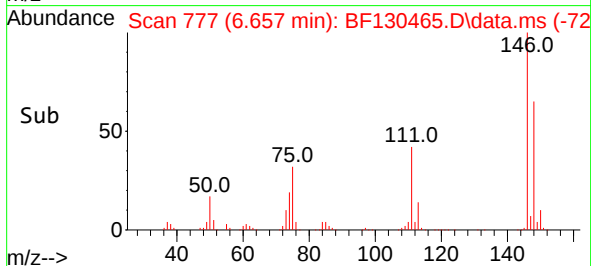
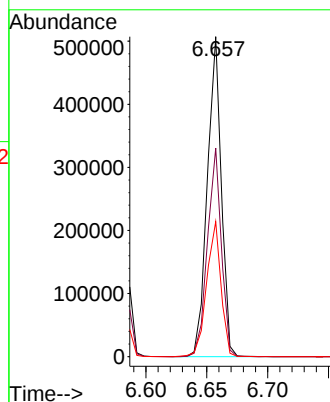
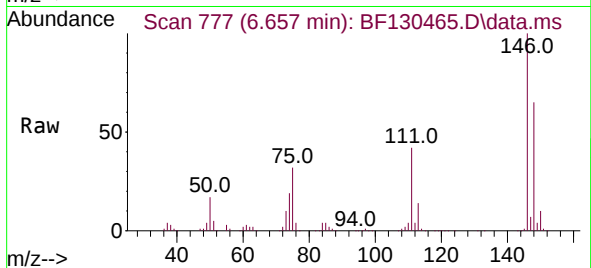
111 42.2 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#14

1,2-Dichlorobenzene

Concen: 45.084 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

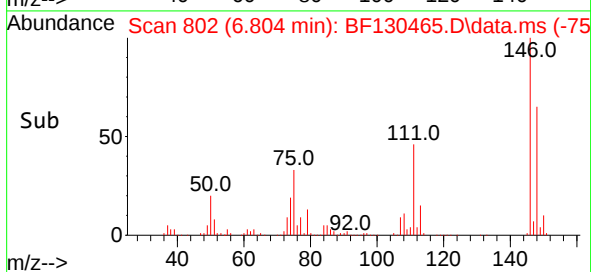
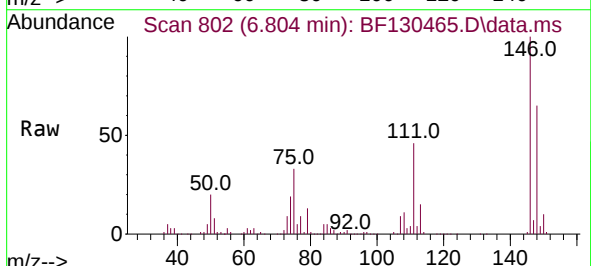
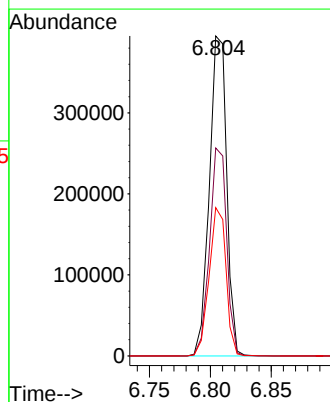
Tgt Ion:146 Resp: 391802

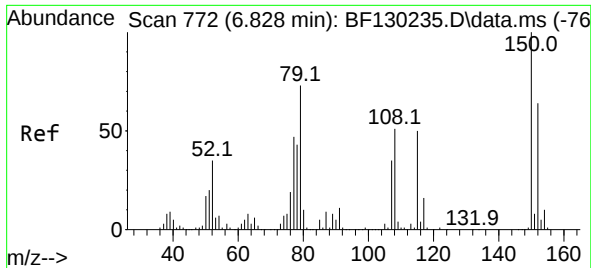
Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

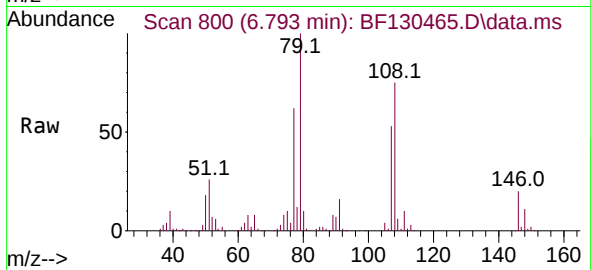
111 46.3 39.2 58.8





#15
Benzyl Alcohol
Concen: 35.979 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

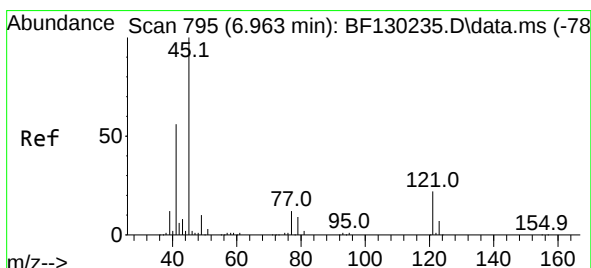
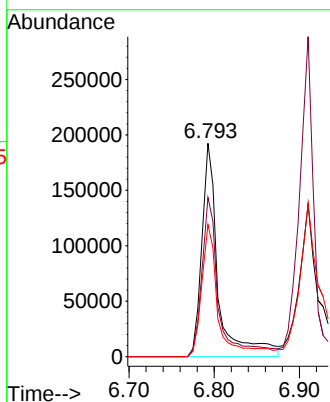
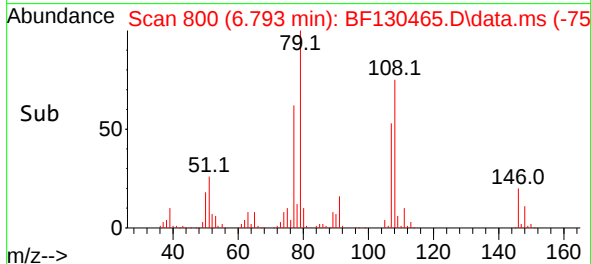
Instrument :
BNA_F
ClientSampleId :
PB147985BS



Tgt Ion: 79 Resp: 259780
Ion Ratio Lower Upper
79 100
108 74.6 54.0 81.0
77 62.0 51.3 76.9

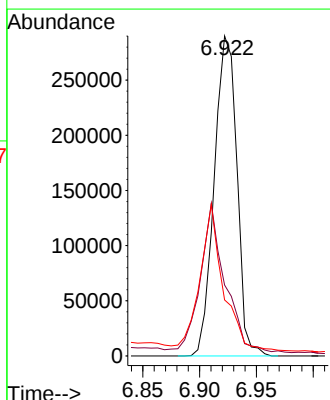
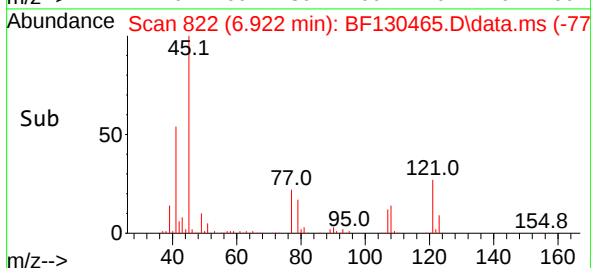
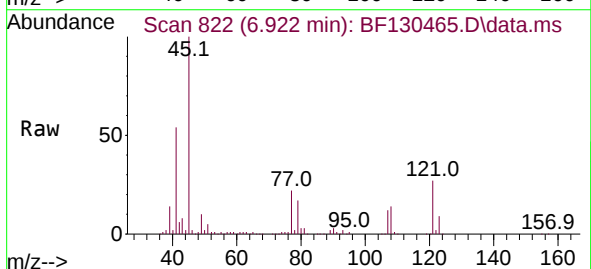
Manual Integrations
APPROVED

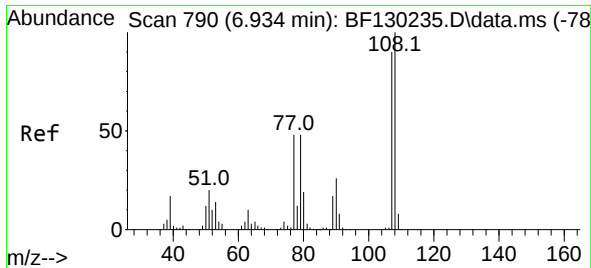
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.785 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

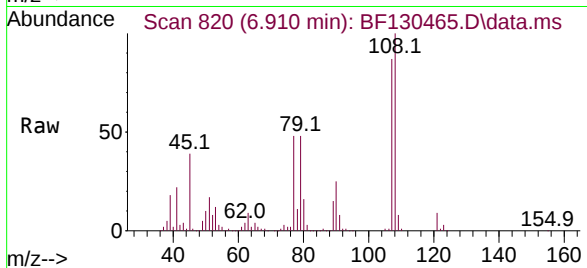
Tgt Ion: 45 Resp: 401763
Ion Ratio Lower Upper
45 100
77 22.1 0.0 34.9
79 17.5 0.0 31.0





#17
2-Methylphenol
Concen: 46.199 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

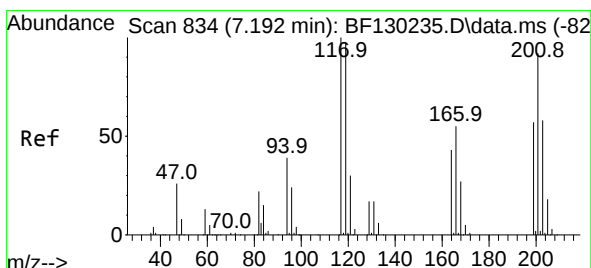
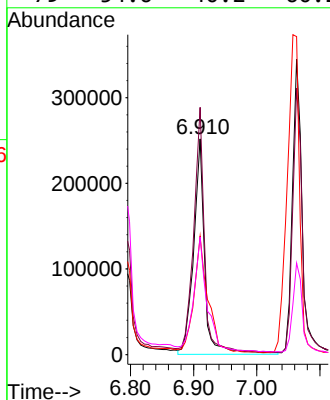
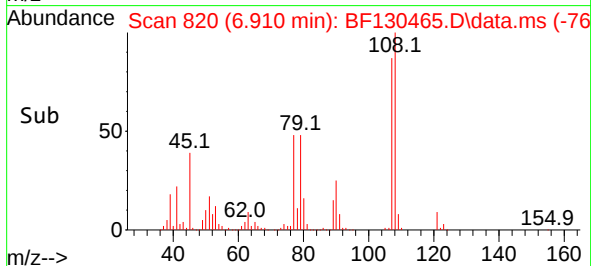
Instrument :
BNA_F
ClientSampleId :
PB147985BS



Tgt Ion:107 Resp: 311369
Ion Ratio Lower Upper
107 100
108 114.6 89.4 134.0
77 54.9 40.6 60.8
79 54.6 40.2 60.2

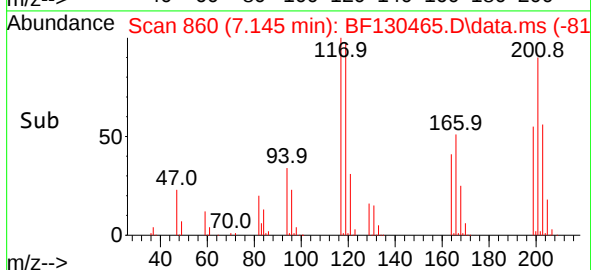
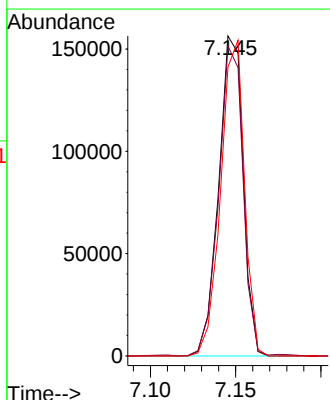
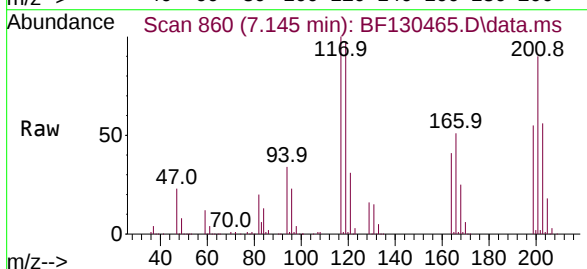
Manual Integrations
APPROVED

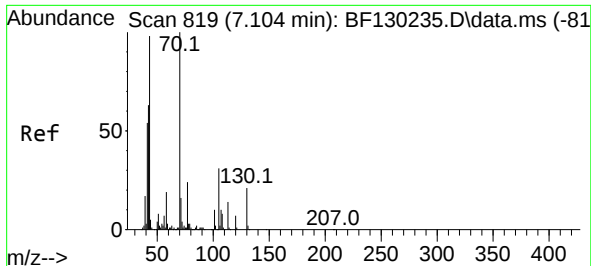
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#18
Hexachloroethane
Concen: 42.679 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.012 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

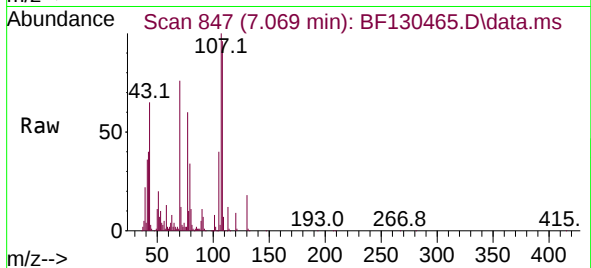
Tgt Ion:117 Resp: 156505
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6
201 90.3 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 39.504 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

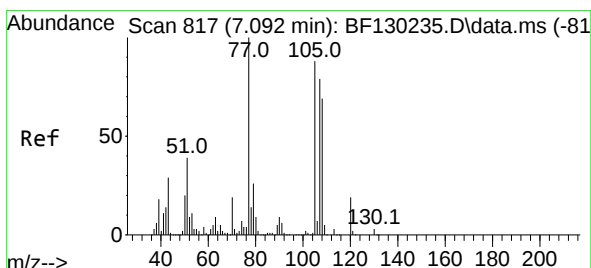
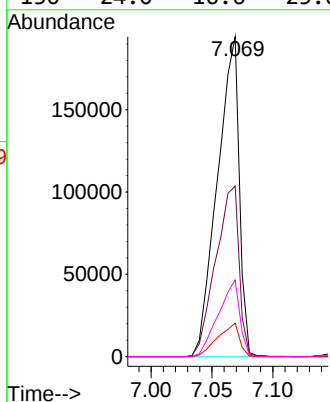
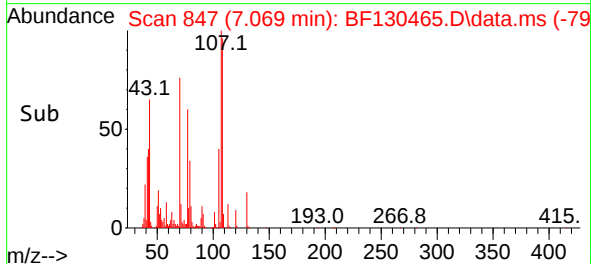
Instrument :
BNA_F
ClientSampleId :
PB147985BS



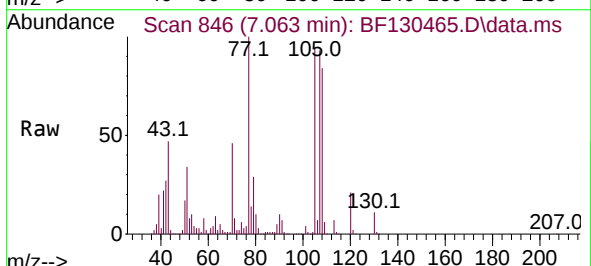
Tgt Ion: 70 Resp: 242754
Ion Ratio Lower Upper
70 100
42 53.3 50.8 76.2
101 10.4 8.2 12.4
130 24.0 16.6 25.0

Manual Integrations
APPROVED

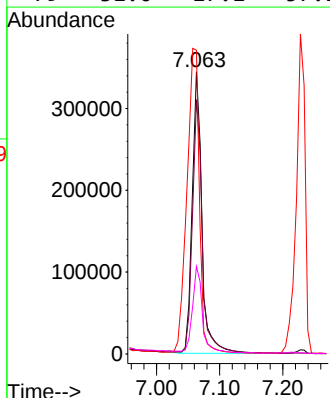
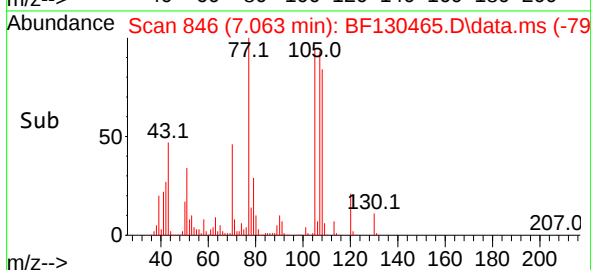
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

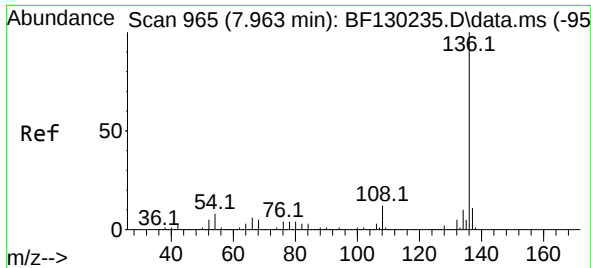


#20
3+4-Methylphenols
Concen: 42.299 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



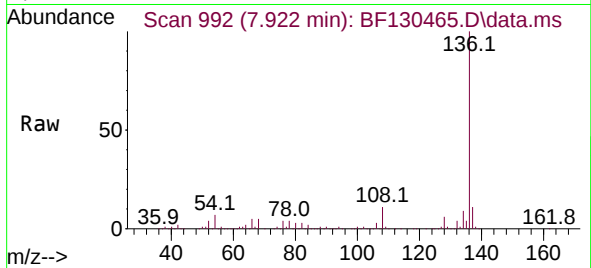
Tgt Ion:107 Resp: 370338
Ion Ratio Lower Upper
107 100
108 90.1 74.8 114.8
77 107.7 125.8 165.8#
79 31.0 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

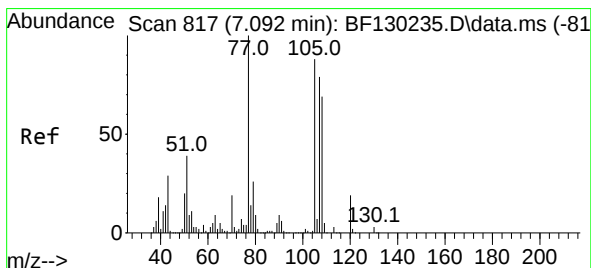
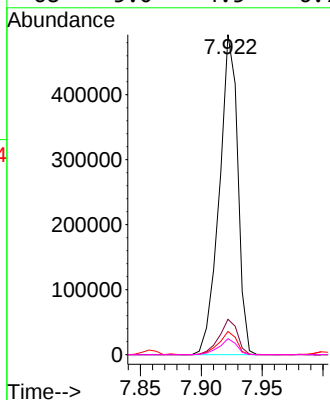
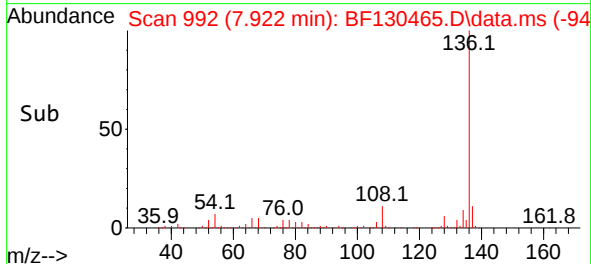
Instrument :
BNA_F
ClientSampleId :
PB147985BS



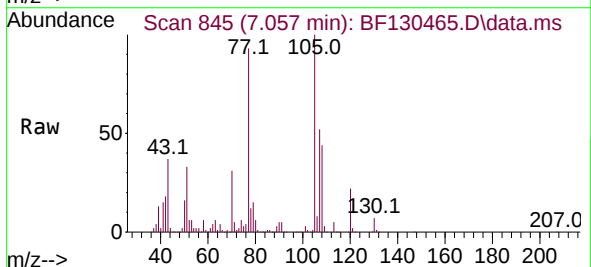
Tgt Ion:136 Resp: 518448
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.2 7.1 10.7
68 5.0 4.5 6.7

Manual Integrations
APPROVED

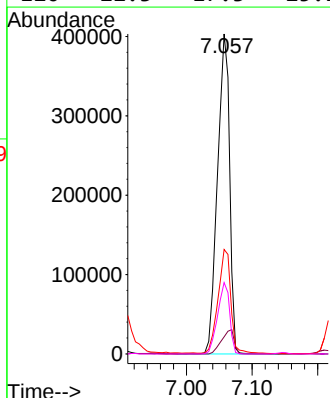
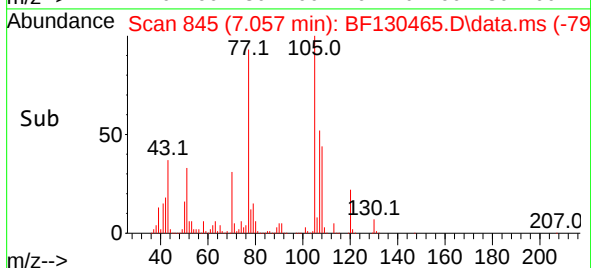
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

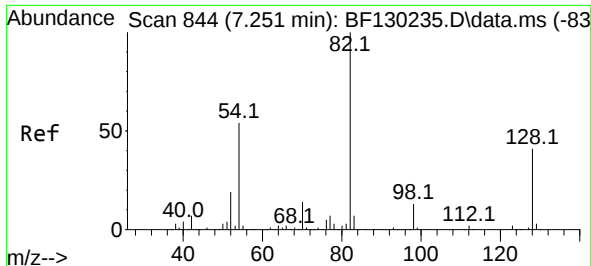


#22
Acetophenone
Concen: 40.875 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:105 Resp: 518099
Ion Ratio Lower Upper
105 100
71 5.3 3.9 5.9
51 32.6 32.2 48.2
120 22.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 75.868 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130465.D

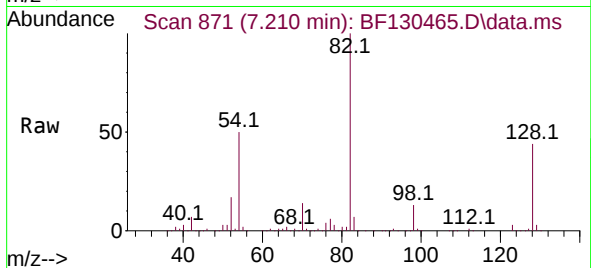
Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS



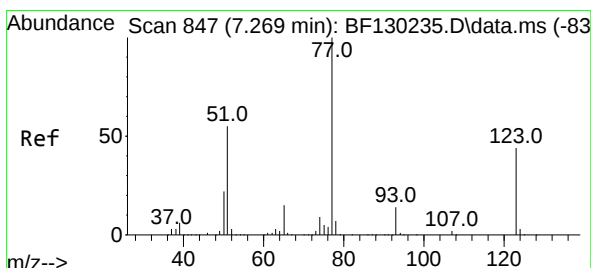
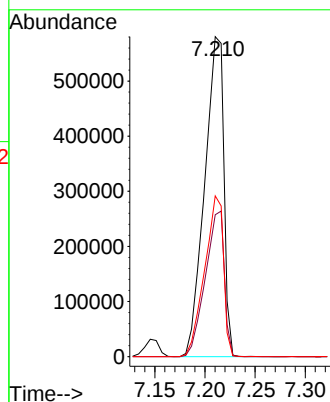
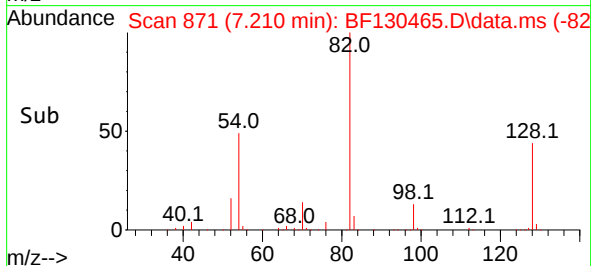
Tgt Ion: 82 Resp: 769912

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.6	49.0
54	50.2	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#24

Nitrobenzene

Concen: 36.694 ng

RT: 7.228 min Scan# 874

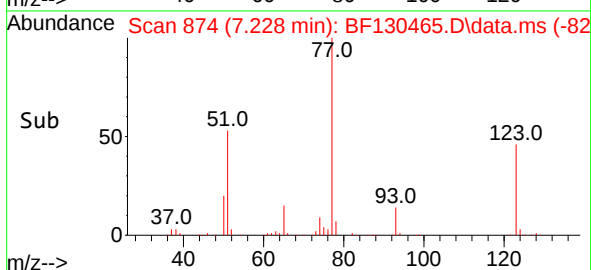
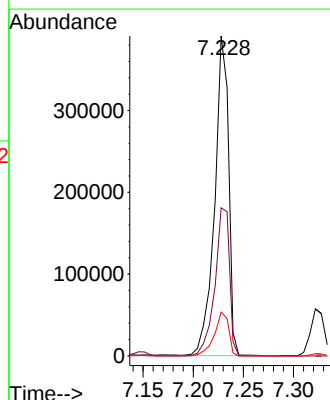
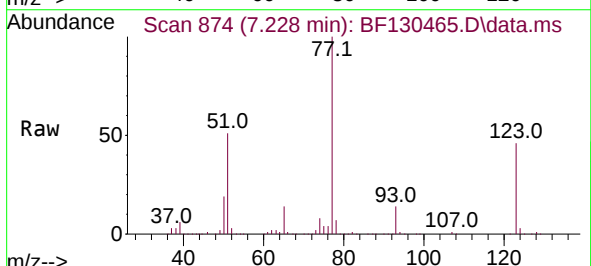
Delta R.T. -0.006 min

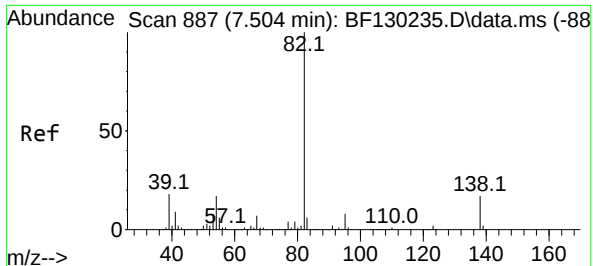
Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Tgt Ion: 77 Resp: 378107

Ion	Ratio	Lower	Upper
77	100		
123	46.3	34.3	51.5
65	13.7	12.0	18.0





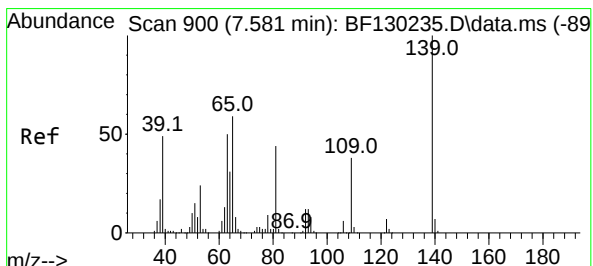
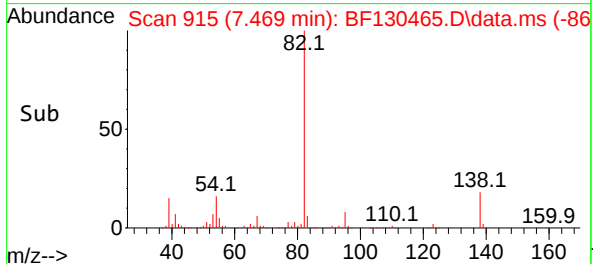
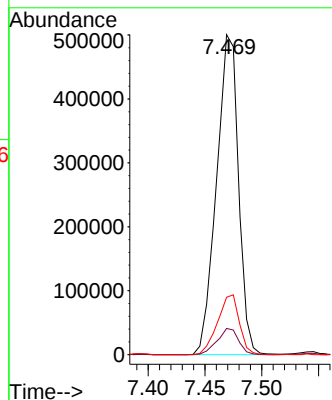
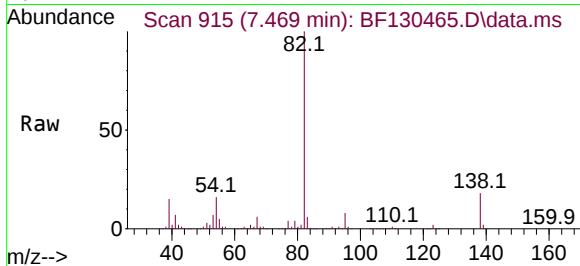
#25
Isophorone
Concen: 41.220 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Instrument :
BNA_F
Client Sample Id :
PB147985BS

Tgt Ion: 82 Resp: 674204
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.9 13.8 20.6

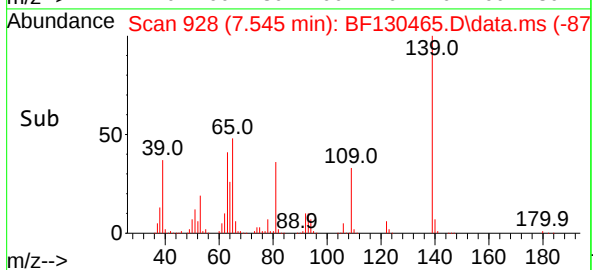
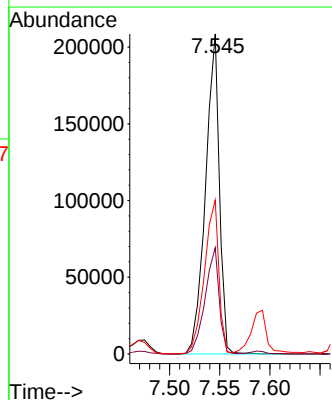
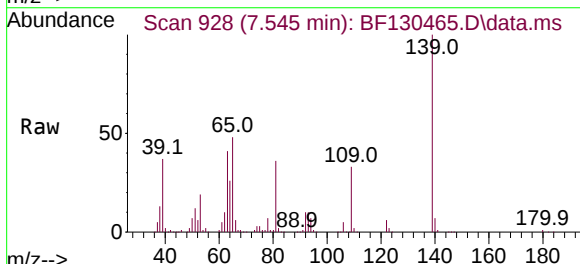
Manual Integrations
APPROVED

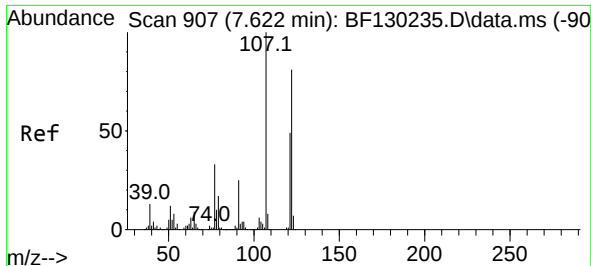
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#26
2-Nitrophenol
Concen: 47.251 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Tgt Ion:139 Resp: 199591
Ion Ratio Lower Upper
139 100
109 33.2 30.2 45.4
65 48.1 48.9 73.3#





#27

2,4-Dimethylphenol

Concen: 47.263 ng

RT: 7.593 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130465.D

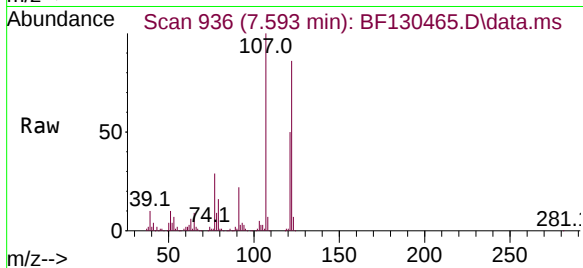
Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS

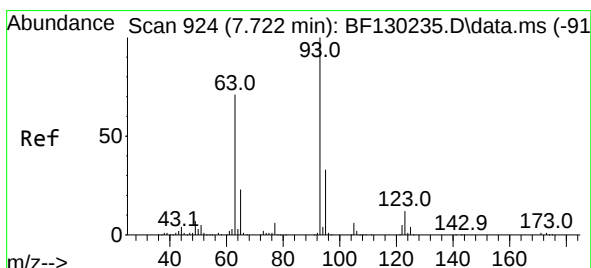
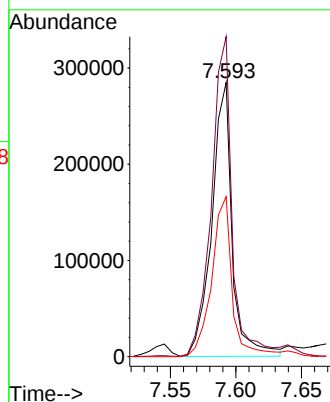
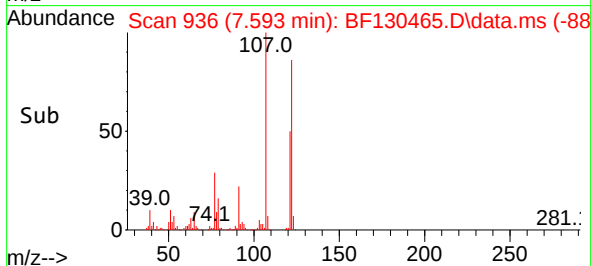


Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.8	100.2	150.2
121	58.3	47.8	71.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.763 ng

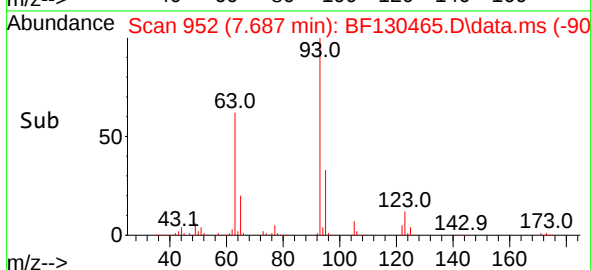
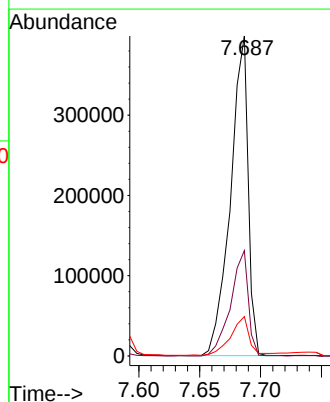
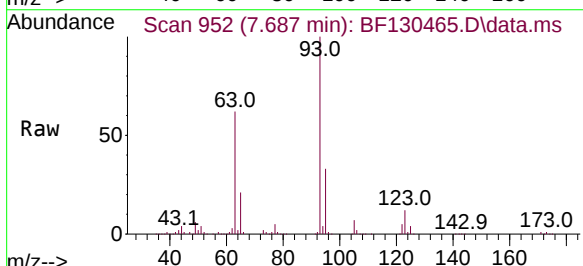
RT: 7.687 min Scan# 952

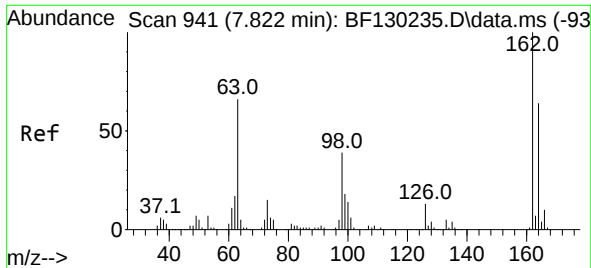
Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	12.3	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 43.458 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

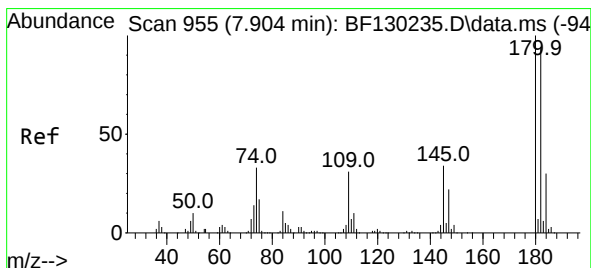
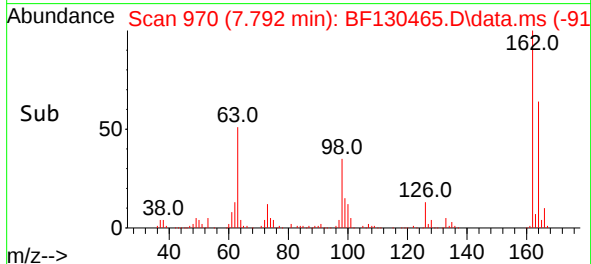
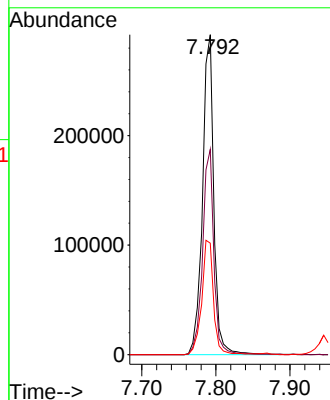
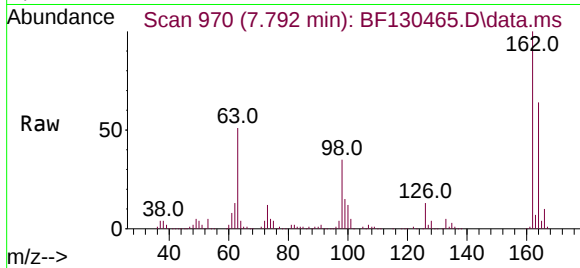
PB147985BS

Tgt Ion:162	Resp: 30973
Ion Ratio	Lower Upper
162 100	
164 64.1	42.2 82.2
98 34.8	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.298 ng

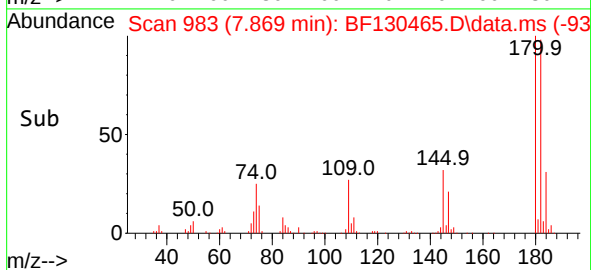
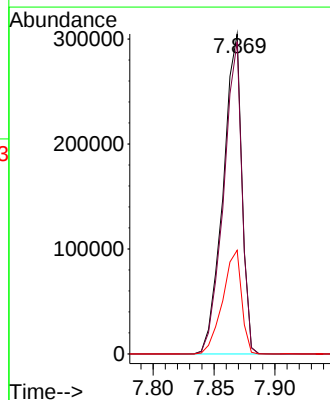
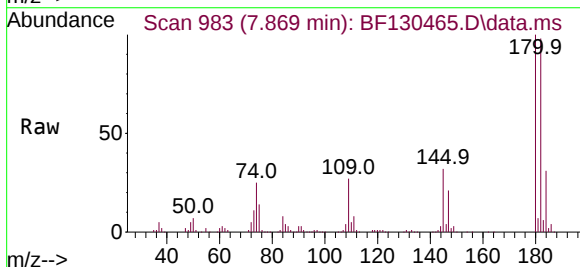
RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

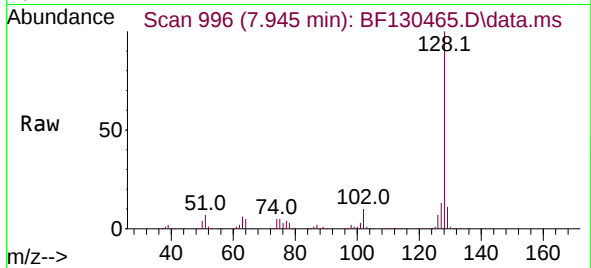
Tgt Ion:180	Resp: 325933
Ion Ratio	Lower Upper
180 100	
182 97.6	73.3 109.9
145 32.4	28.3 42.5





#31
Naphthalene
Concen: 39.622 ng
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

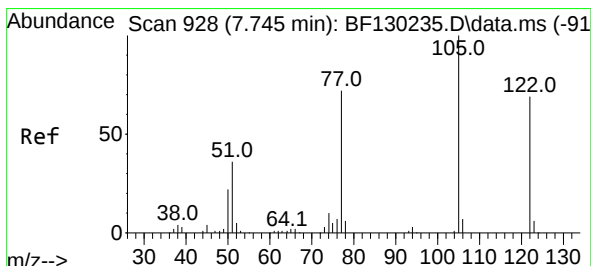
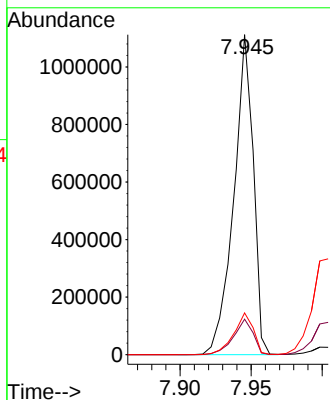
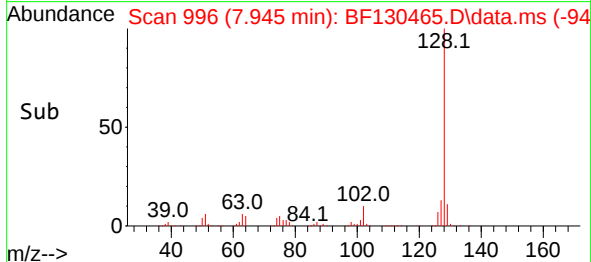
Instrument :
BNA_F
Client Sample Id :
PB147985BS



Tgt Ion:128 Resp: 1058288
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.6 16.0

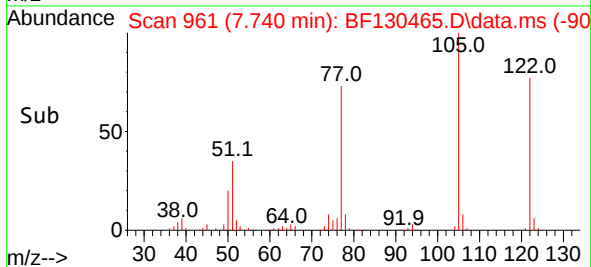
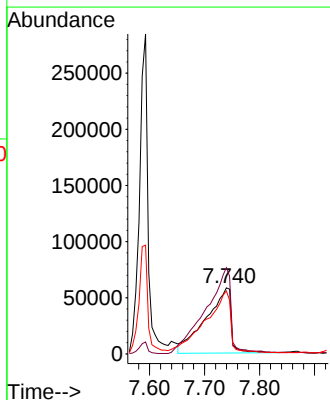
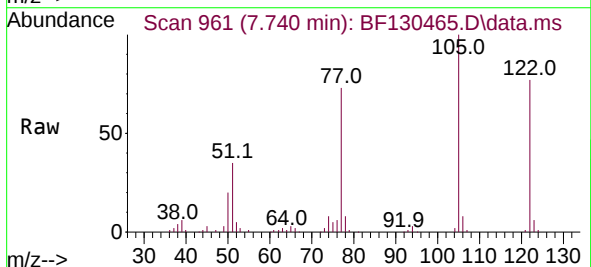
Manual Integrations
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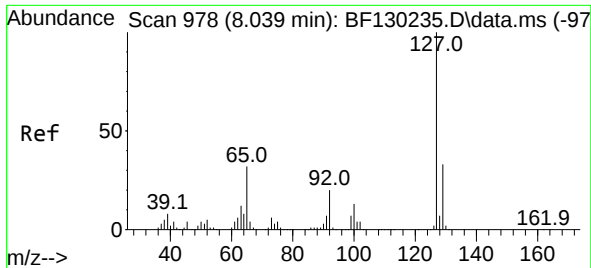
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#32
Benzoic acid
Concen: 37.370 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Tgt Ion:122 Resp: 187956
Ion Ratio Lower Upper
122 100
105 130.7 112.9 152.9
77 95.5 82.8 122.8





#33
4-Chloroaniline
Concen: 36.248 ng
RT: 8.004 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

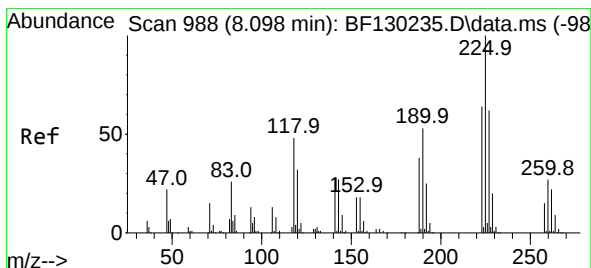
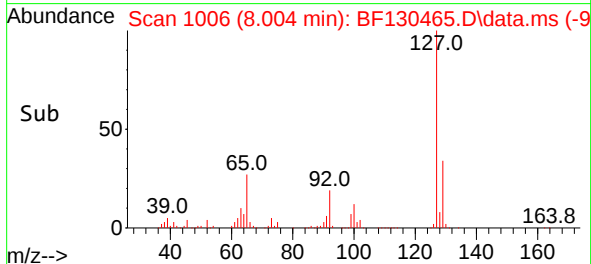
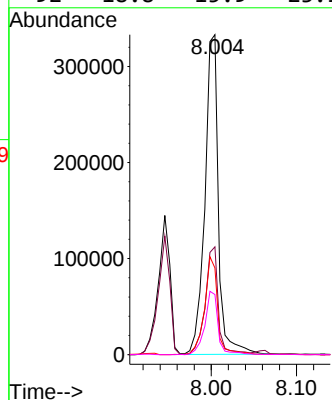
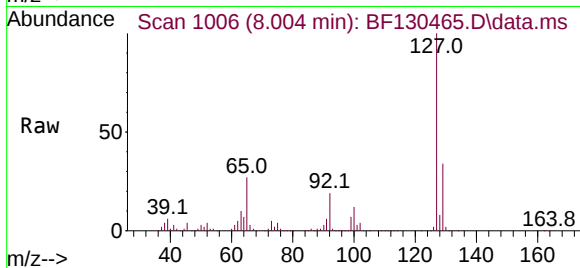
PB147985BS

Tgt Ion:127 Resp: 368230
Ion Ratio Lower Upper
127 100
129 33.7 25.6 38.4
65 27.1 27.0 40.6
92 18.8 15.9 23.9

Manual Integrations

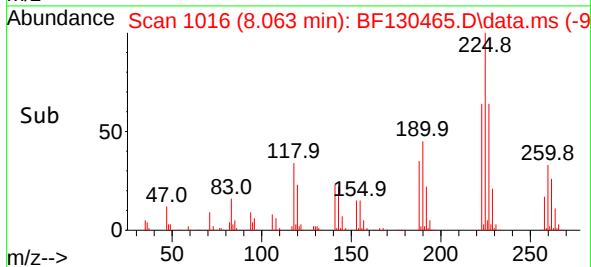
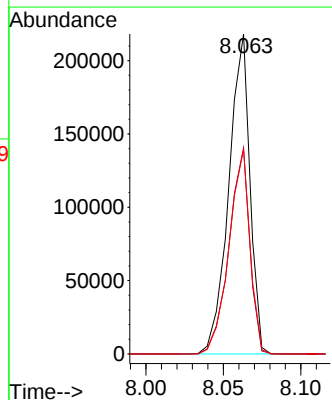
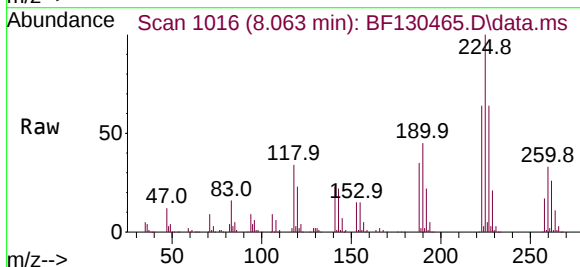
APPROVED

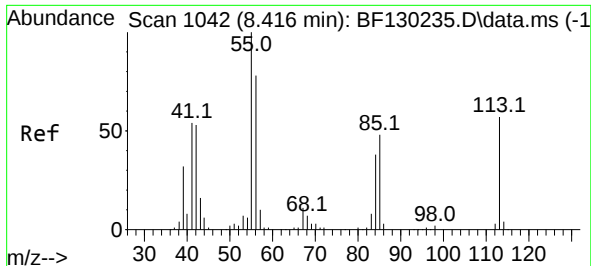
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#34
Hexachlorobutadiene
Concen: 41.976 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

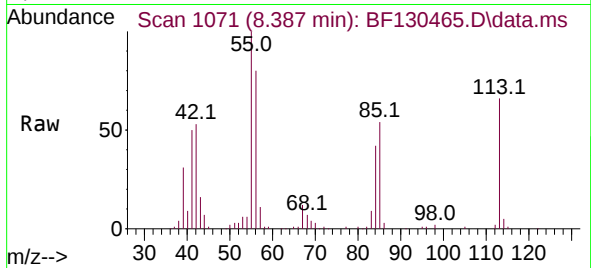
Tgt Ion:225 Resp: 206717
Ion Ratio Lower Upper
225 100
223 64.3 50.3 75.5
227 63.9 51.1 76.7





#35
Caprolactam
Concen: 46.141 ng m
RT: 8.387 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

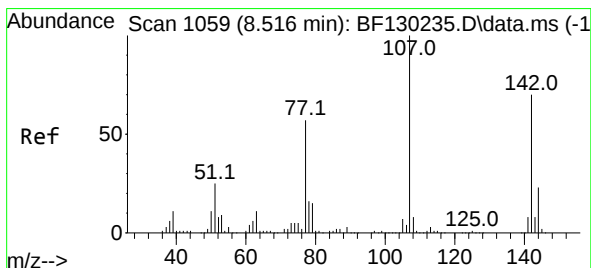
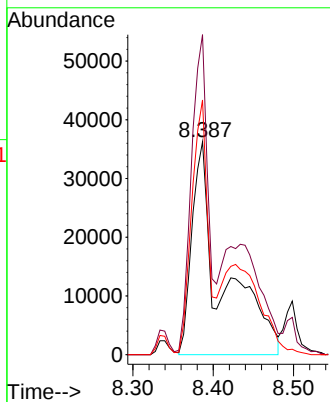
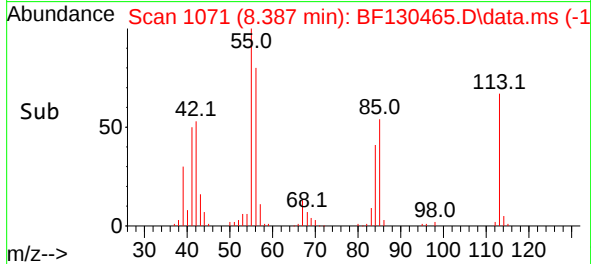
Instrument :
BNA_F
ClientSampleId :
PB147985BS



Tgt Ion:113 Resp: 94272
Ion Ratio Lower Upper
113 100
55 150.4 155.4 195.4
56 119.7 120.4 160.4

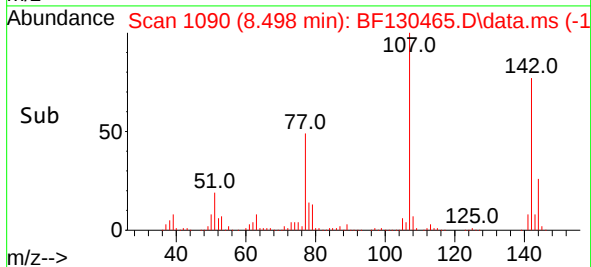
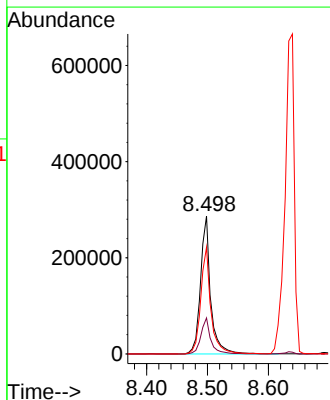
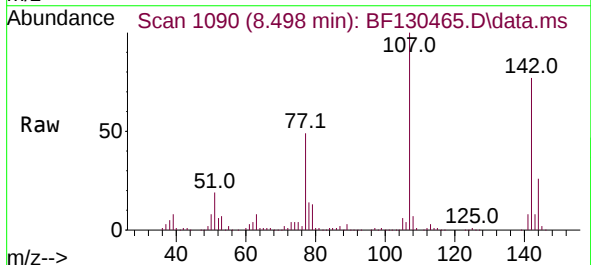
Manual Integrations
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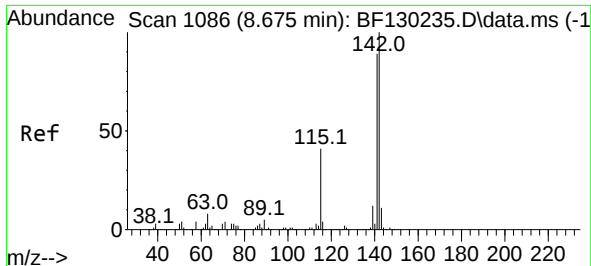
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#36
4-Chloro-3-methylphenol
Concen: 41.783 ng
RT: 8.498 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Tgt Ion:107 Resp: 330086
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 77.4 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.403 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS

Tgt Ion:142 Resp: 705090

Ion Ratio Lower Upper

142 100

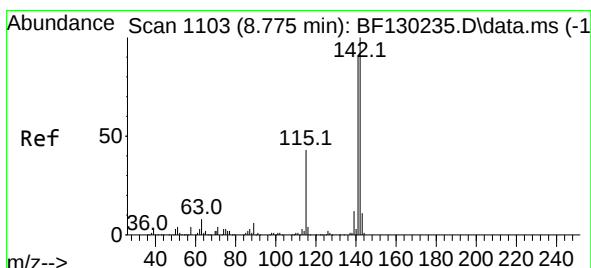
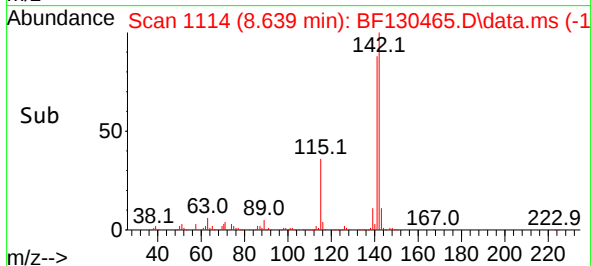
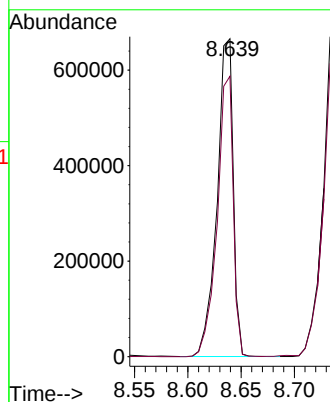
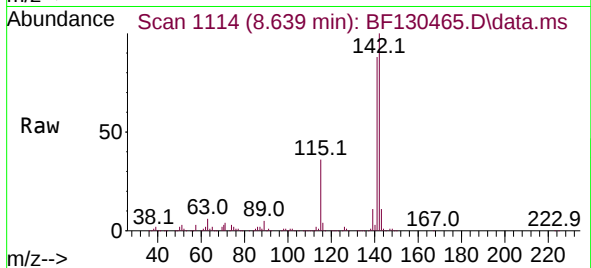
141 88.2 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#38

1-Methylnaphthalene

Concen: 40.504 ng

RT: 8.734 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF130465.D

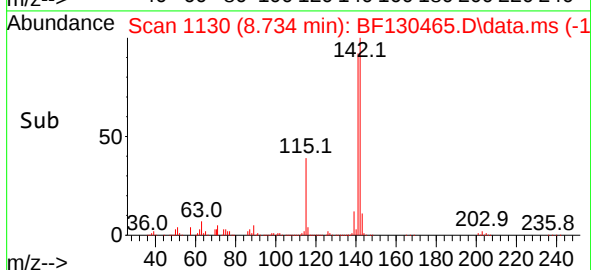
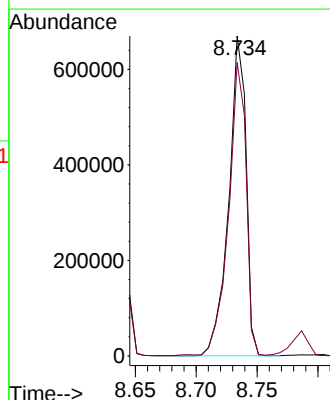
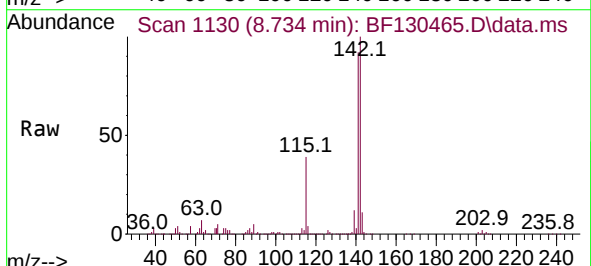
Acq: 29 Sep 2022 13:45

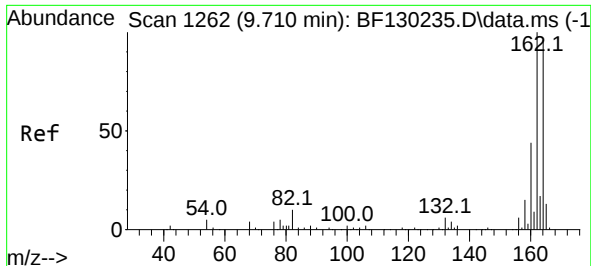
Tgt Ion:142 Resp: 662630

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.675 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF130465.D

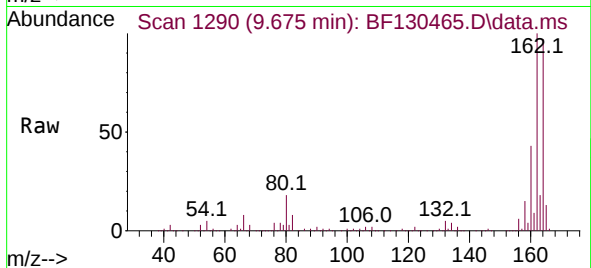
Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS



Tgt Ion:164 Resp: 280146

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.0

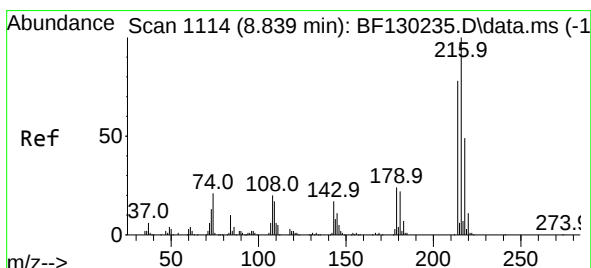
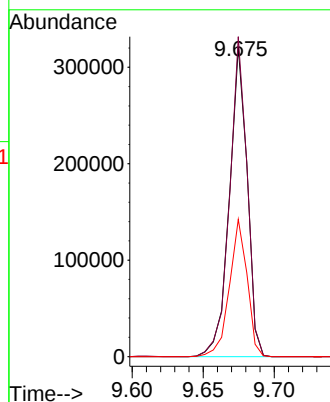
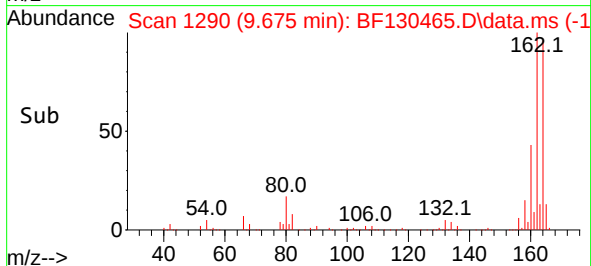
160 44.3 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.210 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Tgt Ion:216 Resp: 330354

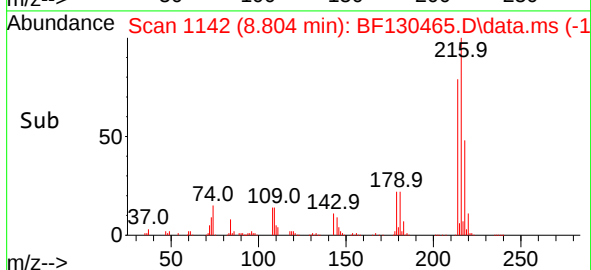
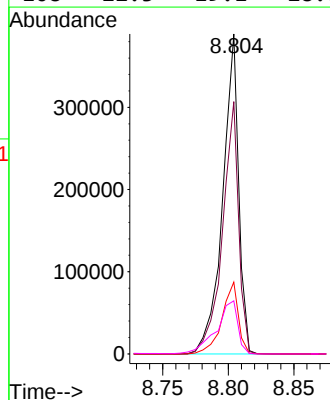
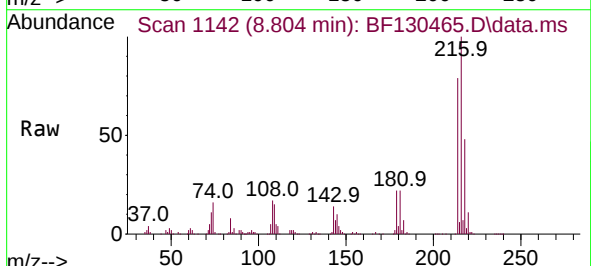
Ion Ratio Lower Upper

216 100

214 79.5 62.8 94.2

179 23.0 19.5 29.3

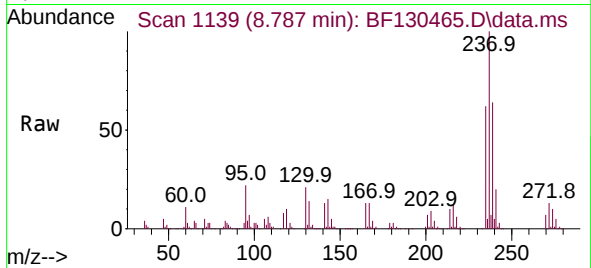
108 22.3 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 89.879 ng
RT: 8.787 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

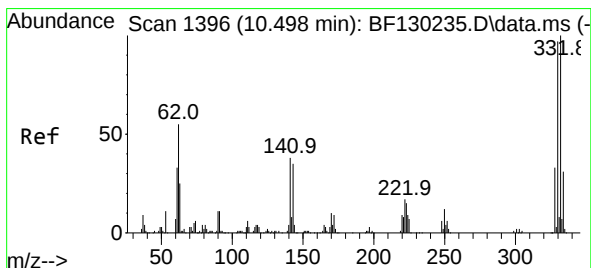
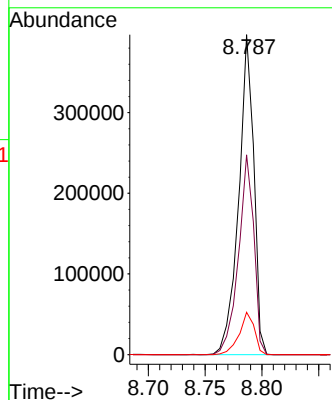
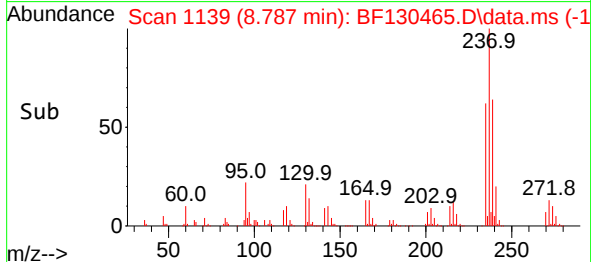
Instrument :
BNA_F
ClientSampleId :
PB147985BS



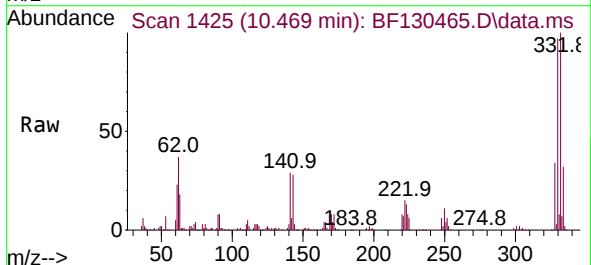
Tgt Ion:237 Resp: 367896
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 13.2 0.0 32.8

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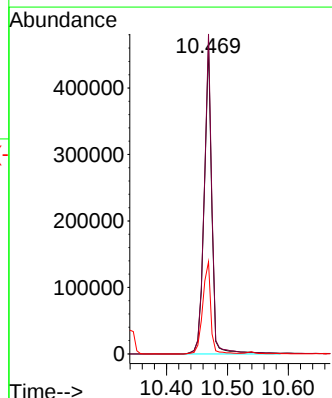
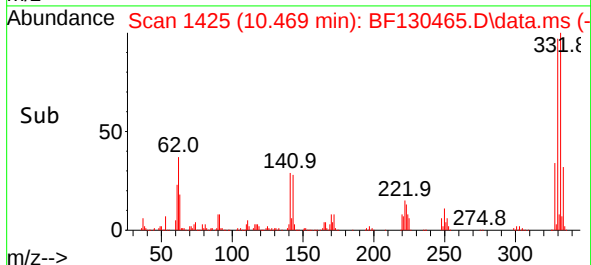
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

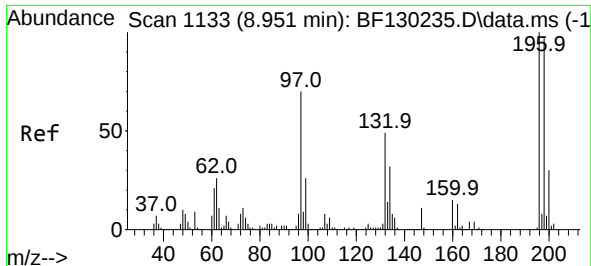


#42
2,4,6-Tribromophenol
Concen: 150.046 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:330 Resp: 402773
Ion Ratio Lower Upper
330 100
332 103.2 83.4 125.2
141 31.7 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 40.807 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF130465.D

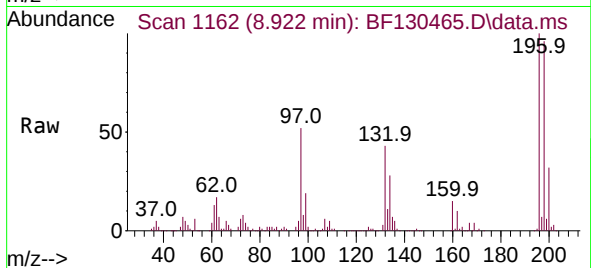
Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS



Tgt Ion:196 Resp: 217735

Ion Ratio Lower Upper

196 100

198 96.3 72.4 108.6

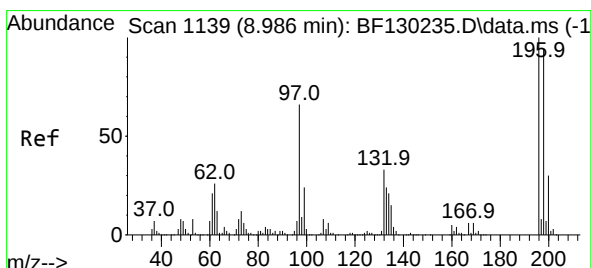
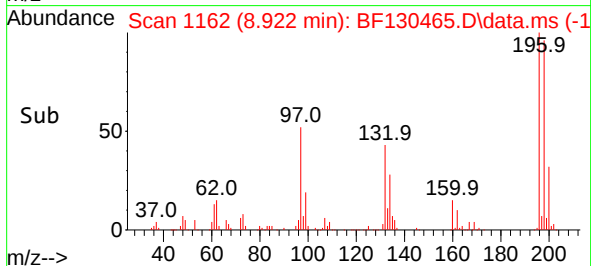
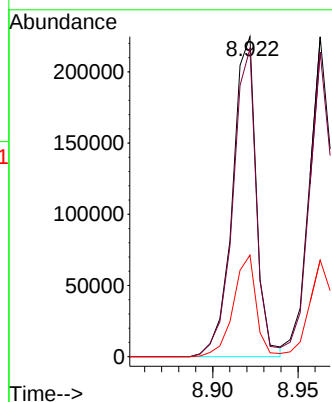
200 31.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#44

2,4,5-Trichlorophenol

Concen: 40.805 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Tgt Ion:196 Resp: 234947

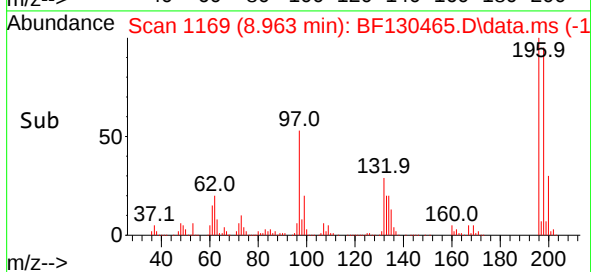
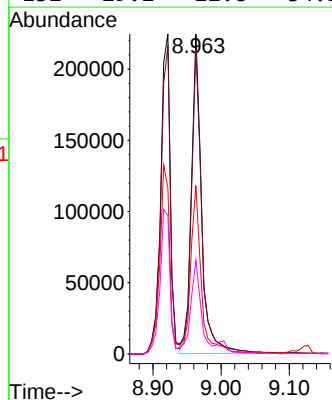
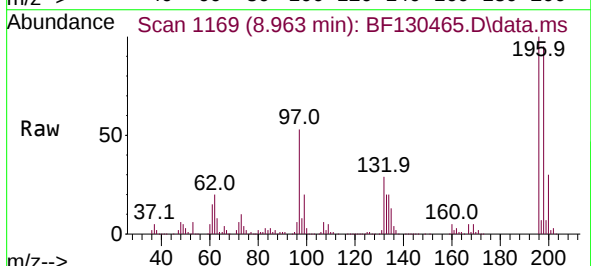
Ion Ratio Lower Upper

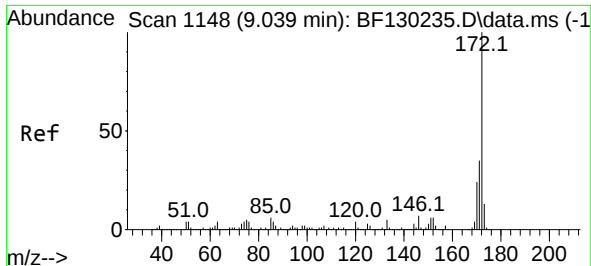
196 100

198 95.2 74.8 112.2

97 52.6 43.7 65.5

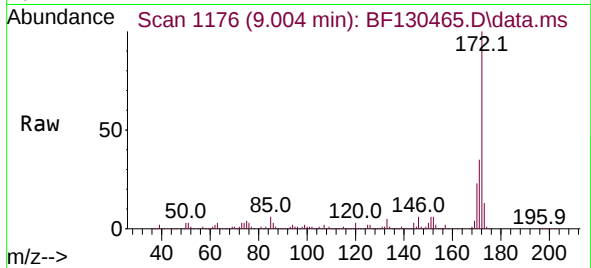
132 29.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 79.487 ng
RT: 9.004 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

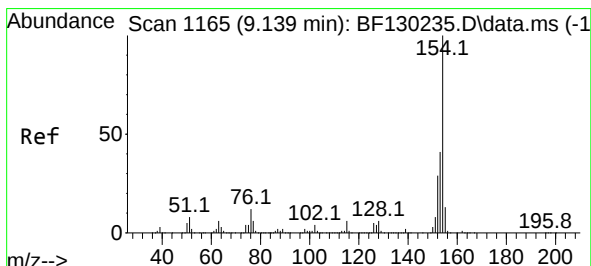
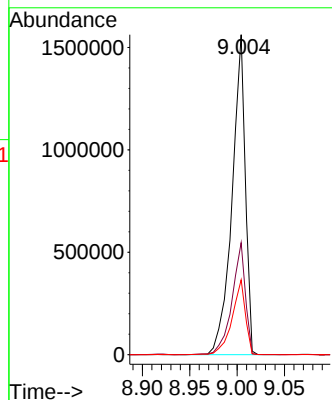
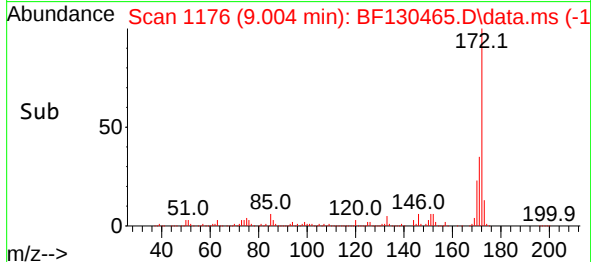
Instrument :
BNA_F
ClientSampleId :
PB147985BS



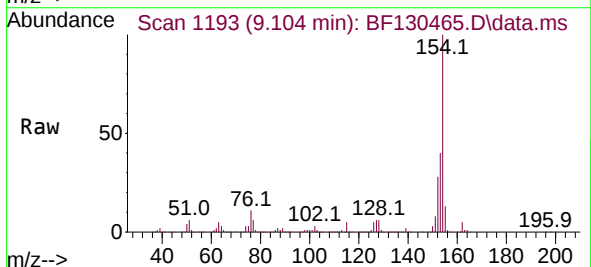
Tgt Ion:172 Resp: 1529192
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.4 18.7 28.1

Manual Integrations
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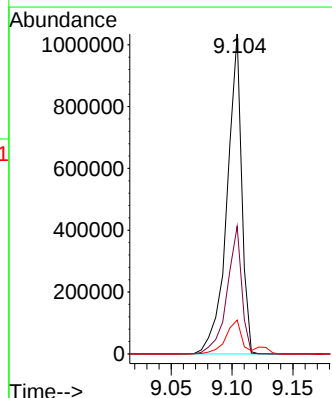
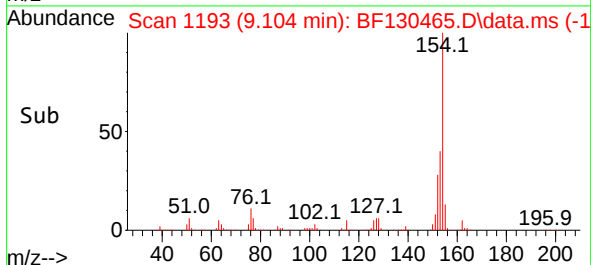
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

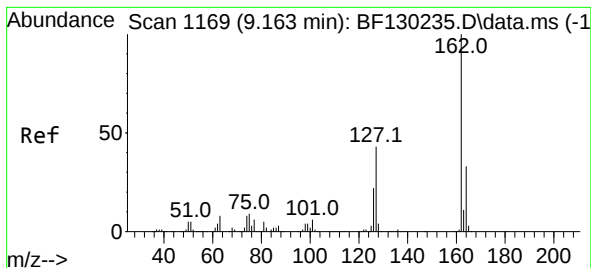


#46
1,1'-Biphenyl
Concen: 41.184 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:154 Resp: 861681
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 10.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.707 ng

RT: 9.128 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

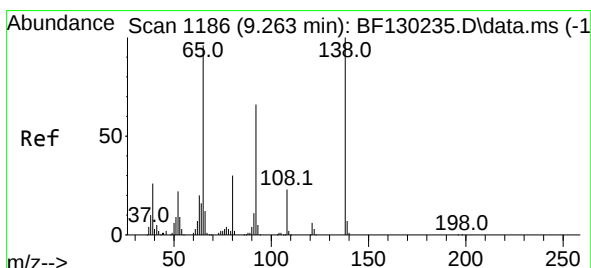
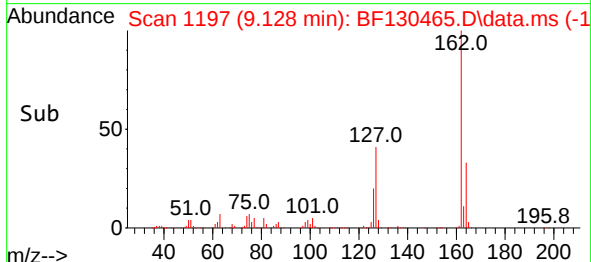
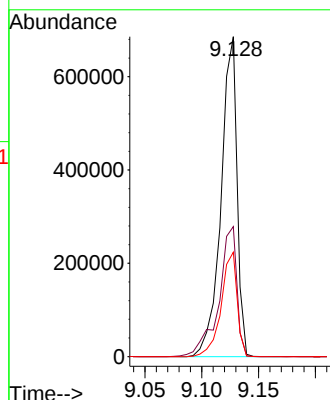
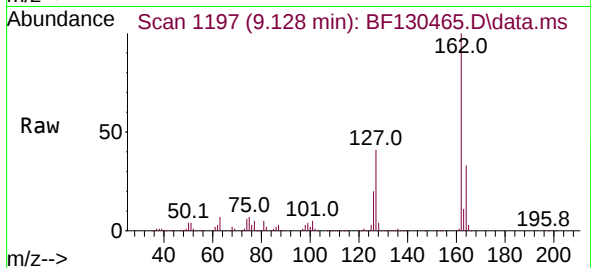
PB147985BS

Tgt Ion:162 Resp: 672042
 Ion Ratio Lower Upper
 162 100
 127 40.6 35.9 53.9
 164 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022
 Supervised By :Jagrut Upadhyay 09/30/2022



#48

2-Nitroaniline

Concen: 35.061 ng

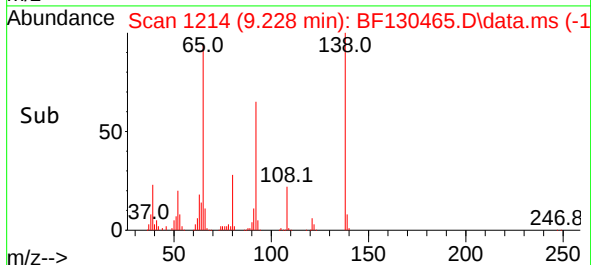
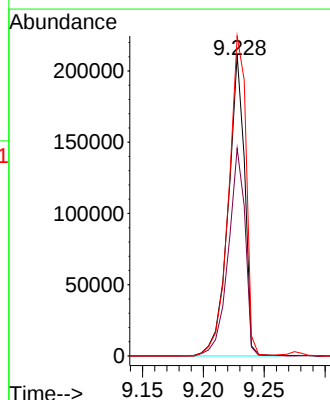
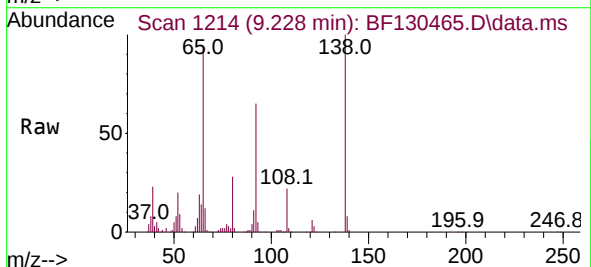
RT: 9.228 min Scan# 1214

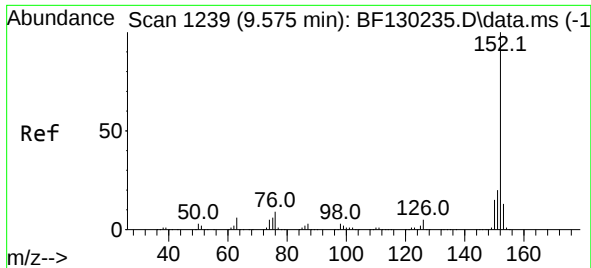
Delta R.T. -0.006 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

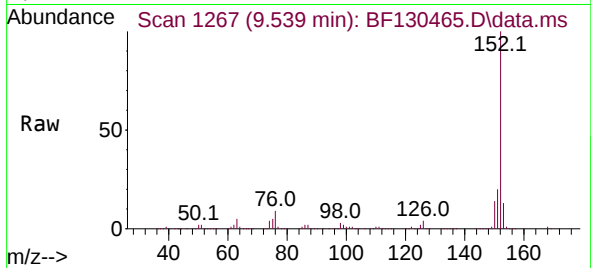
Tgt Ion: 65 Resp: 197921
 Ion Ratio Lower Upper
 65 100
 92 68.9 52.2 78.4
 138 106.3 77.0 115.4





#49
Acenaphthylene
Concen: 39.177 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

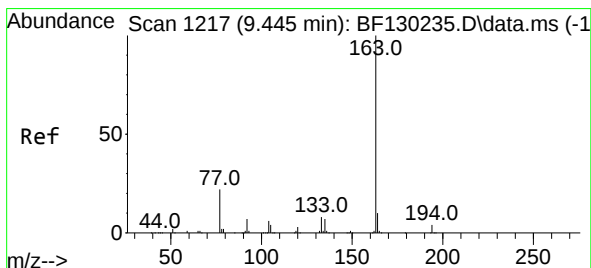
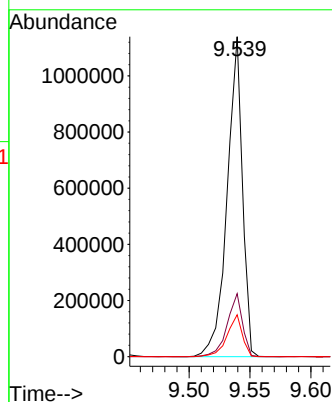
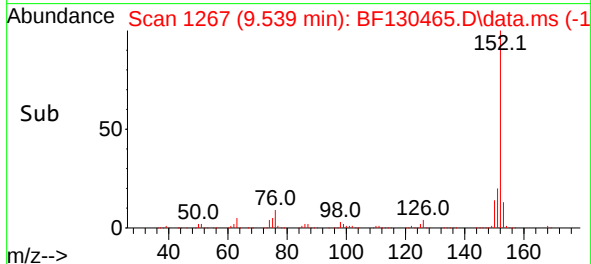
Instrument :
BNA_F
ClientSampleId :
PB147985BS



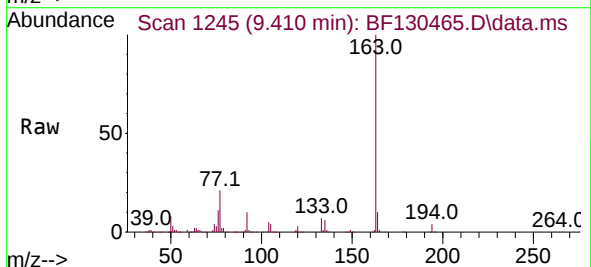
Tgt Ion:152 Resp: 994185
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.1 10.6 15.8

Manual Integrations
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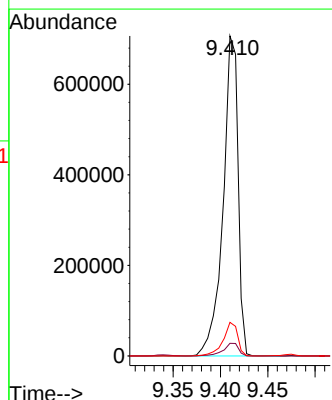
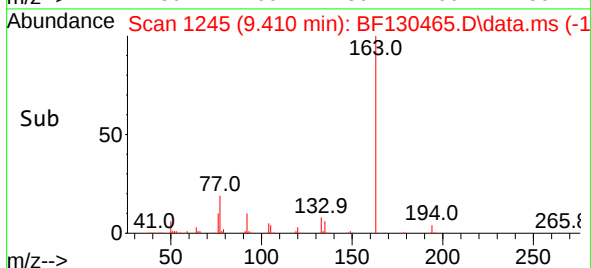
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

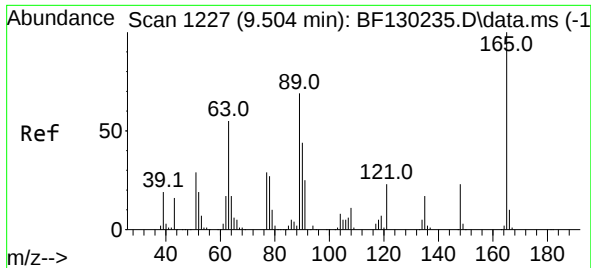


#50
Dimethylphthalate
Concen: 40.037 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:163 Resp: 774764
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.5 8.2 12.2





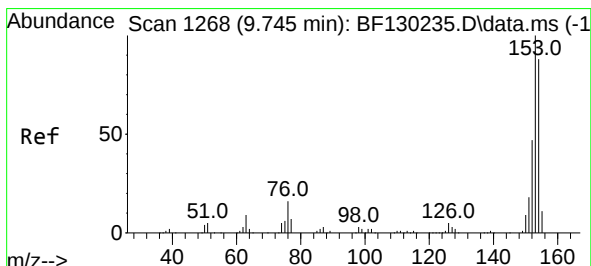
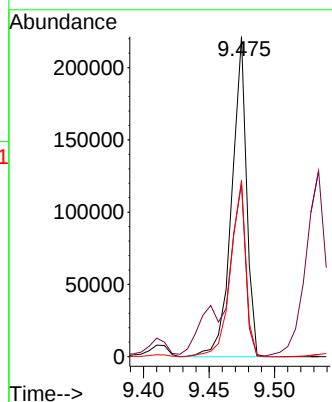
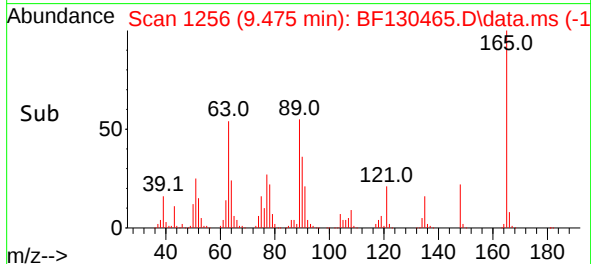
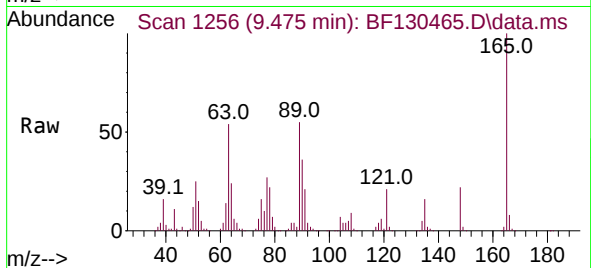
#51
2,6-Dinitrotoluene
Concen: 43.019 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Instrument :
BNA_F
ClientSampleId :
PB147985BS

Tgt Ion:165 Resp: 174103
Ion Ratio Lower Upper
165 100
63 54.0 58.8 88.2
89 55.0 54.5 81.7

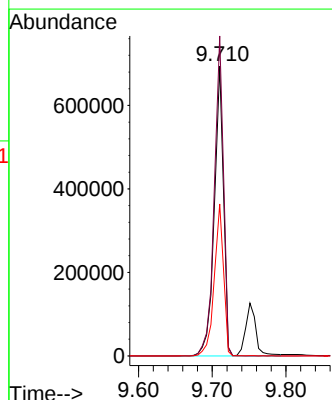
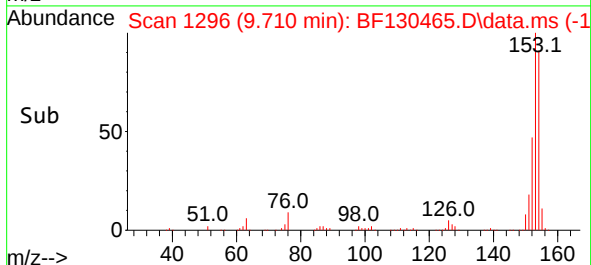
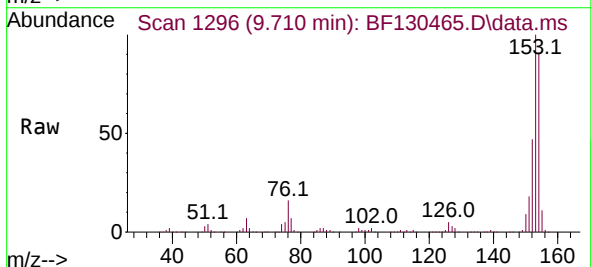
Manual Integrations
APPROVED

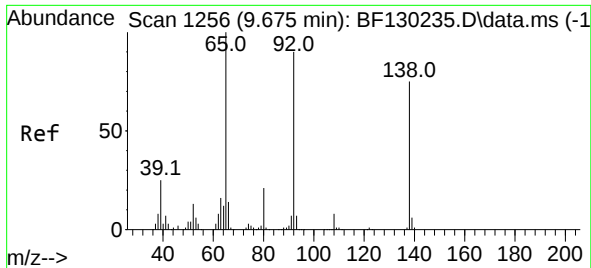
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#52
Acenaphthene
Concen: 43.339 ng m
RT: 9.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

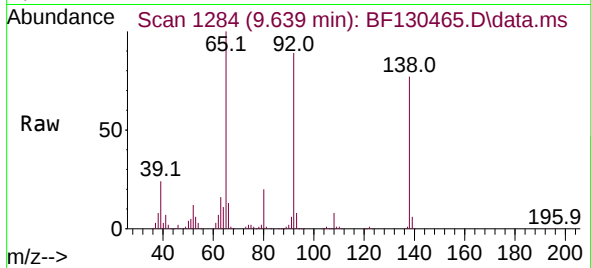
Tgt Ion:154 Resp: 722602
Ion Ratio Lower Upper
154 100
153 110.4 90.6 136.0
152 52.4 43.8 65.6





#53
3-Nitroaniline
Concen: 31.558 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

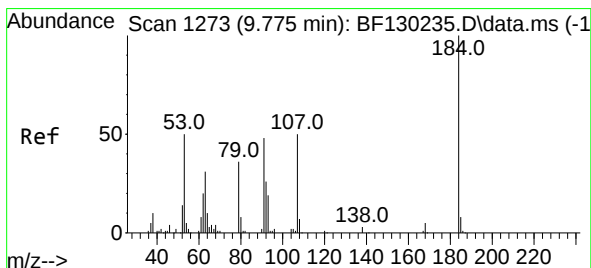
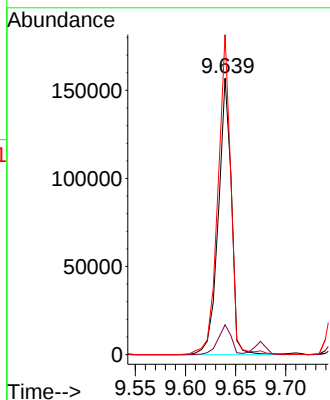
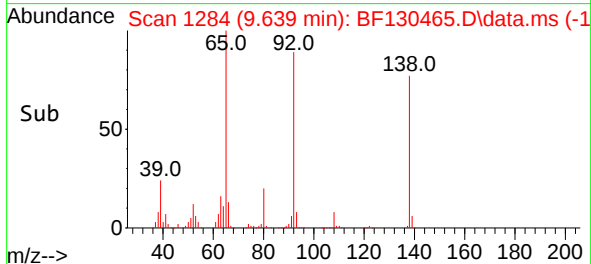
Instrument :
BNA_F
ClientSampleId :
PB147985BS



Tgt Ion:138 Resp: 142314
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 115.8 99.2 148.8

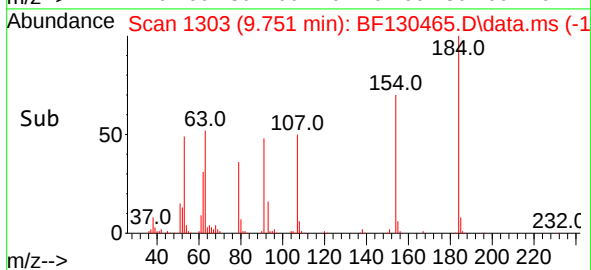
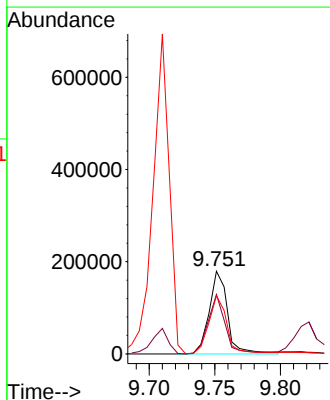
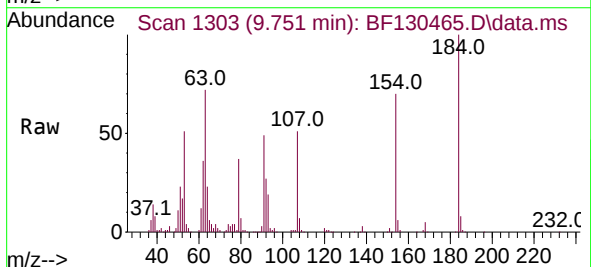
Manual Integrations
APPROVED

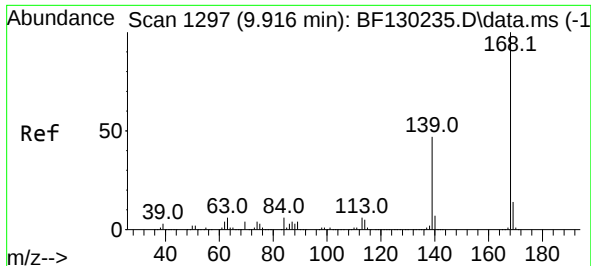
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#54
2,4-Dinitrophenol
Concen: 79.578 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

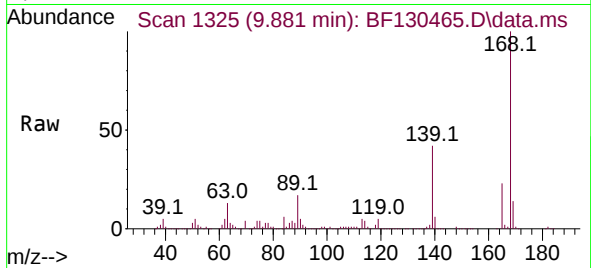
Tgt Ion:184 Resp: 174628
Ion Ratio Lower Upper
184 100
63 71.9 70.0 105.0
154 70.4 63.0 94.6





#55
Dibenzenofuran
Concen: 39.489 ng
RT: 9.881 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

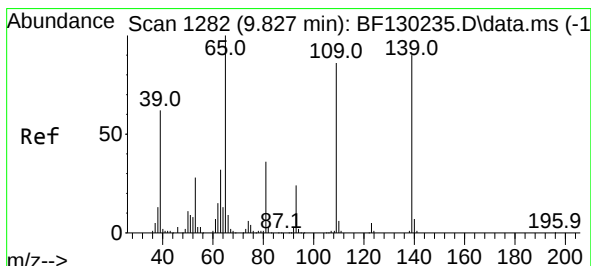
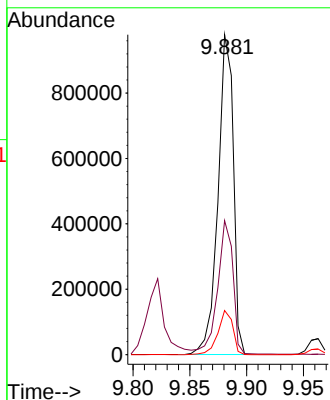
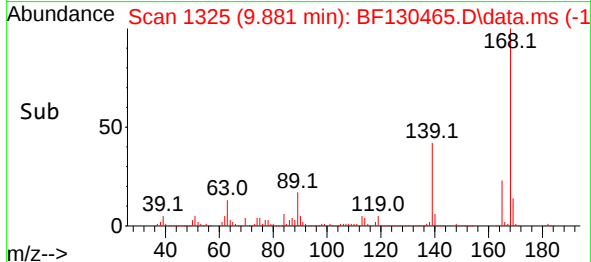
Instrument :
BNA_F
ClientSampleId :
PB147985BS



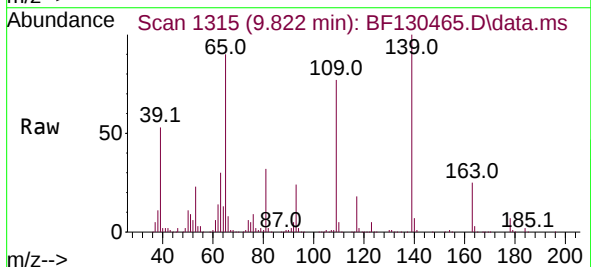
Tgt Ion:168 Resp: 915785
Ion Ratio Lower Upper
168 100
139 41.9 35.0 52.4
169 13.8 10.9 16.3

Manual Integrations
APPROVED

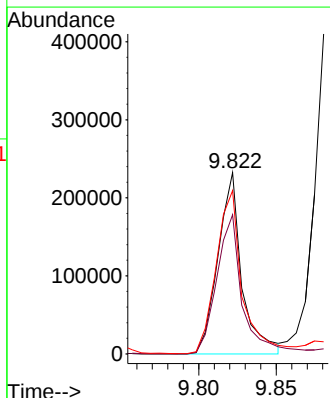
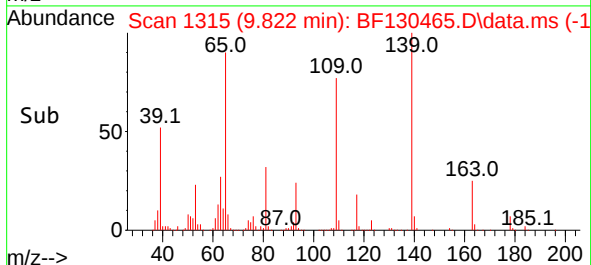
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

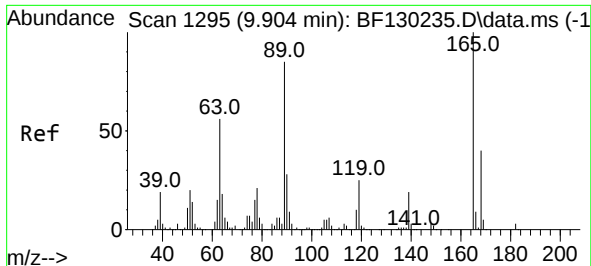


#56
4-Nitrophenol
Concen: 75.819 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:139 Resp: 249035
Ion Ratio Lower Upper
139 100
109 76.7 72.2 112.2
65 90.0 97.7 137.7#





#57

2,4-Dinitrotoluene

Concen: 43.950 ng

RT: 9.875 min Scan# 1382

Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS

Tgt Ion:165 Resp: 227323

Ion Ratio Lower Upper

165 100

63 57.7 44.7 67.1

89 78.6 69.0 103.4

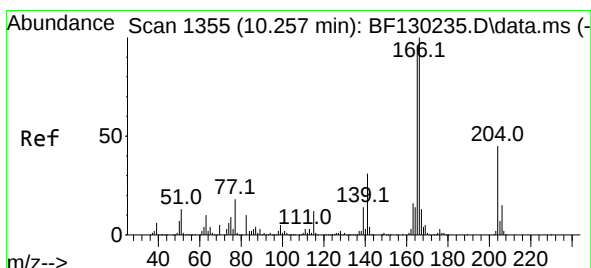
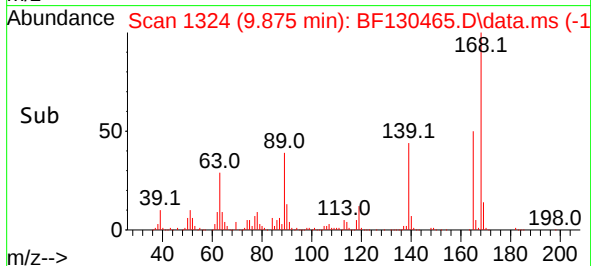
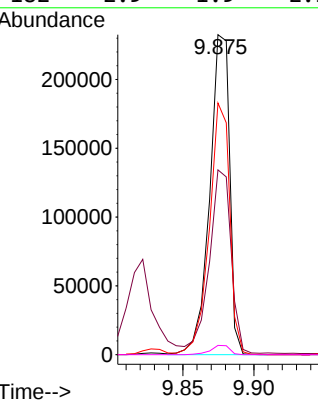
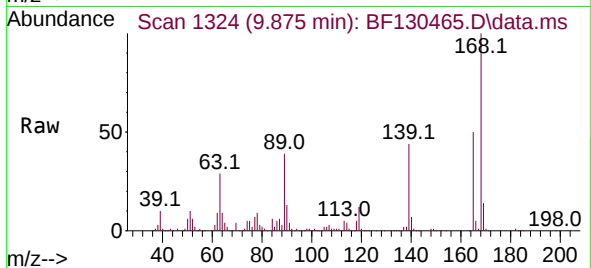
182 2.9 1.9 2.9#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#58

Fluorene

Concen: 39.011 ng

RT: 10.222 min Scan# 1383

Delta R.T. -0.006 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

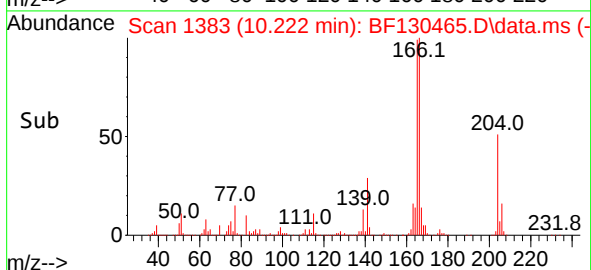
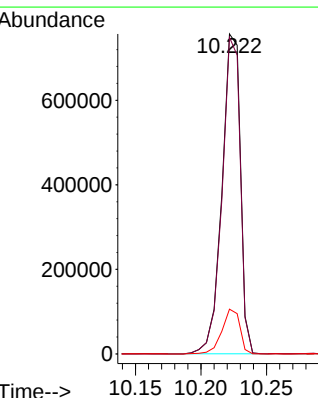
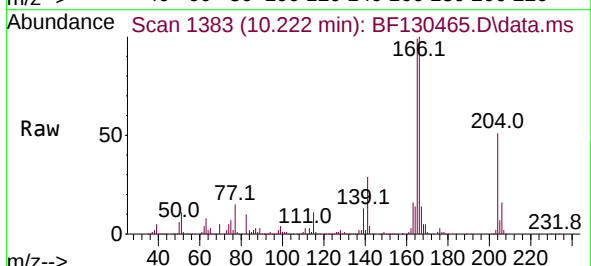
Tgt Ion:166 Resp: 739887

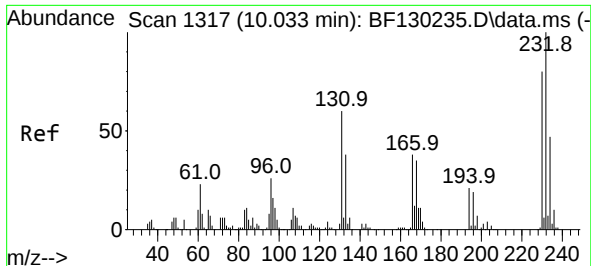
Ion Ratio Lower Upper

166 100

165 98.9 78.8 118.2

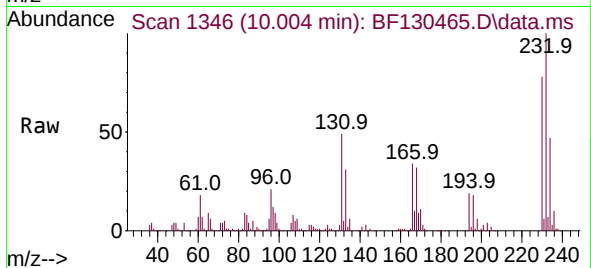
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.746 ng
RT: 10.004 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

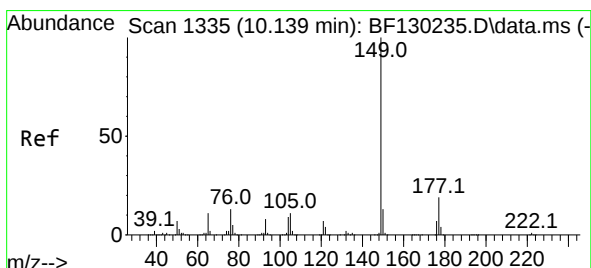
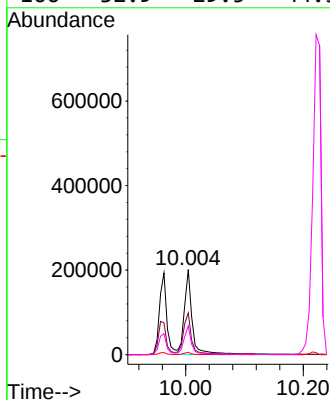
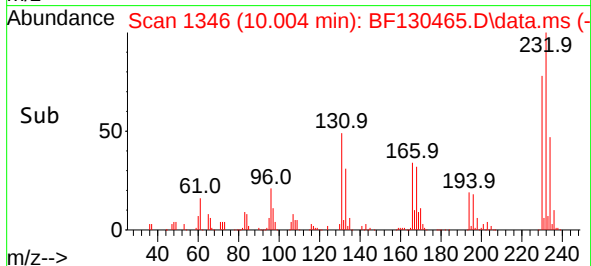
Instrument :
BNA_F
ClientSampleId :
PB147985BS



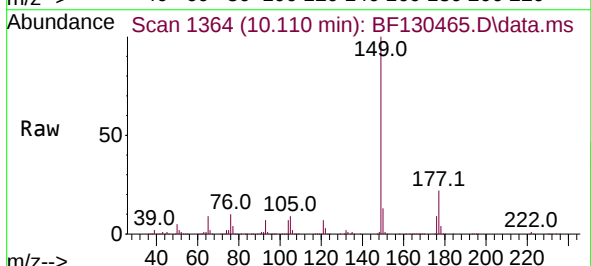
Tgt Ion:232 Resp: 183634
Ion Ratio Lower Upper
232 100
131 50.3 46.4 69.6
130 2.7 2.3 3.5
166 32.9 29.5 44.3

Manual Integrations
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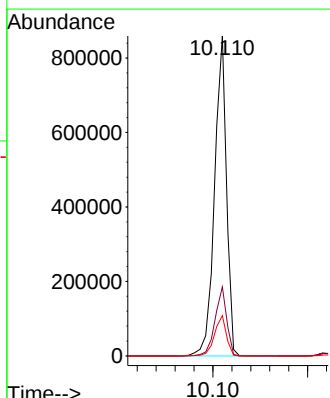
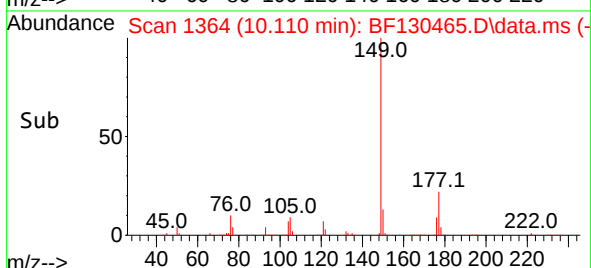
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

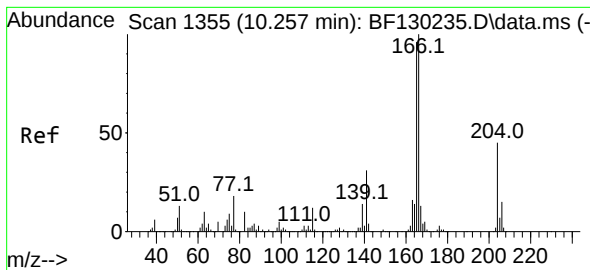


#60
Diethylphthalate
Concen: 38.742 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:149 Resp: 751802
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 9.9 14.9





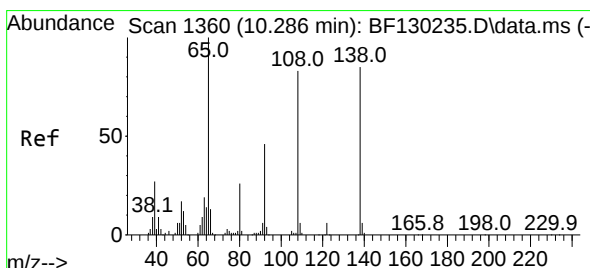
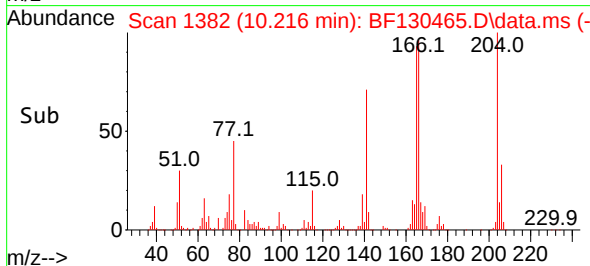
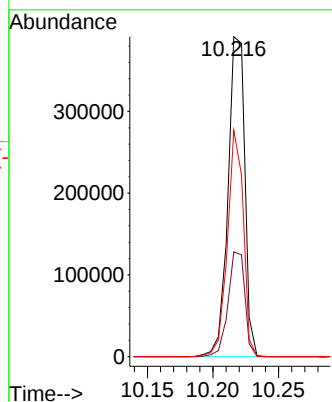
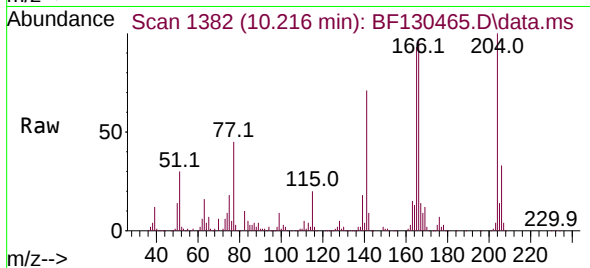
#61
4-Chlorophenyl-phenylether
Concen: 42.206 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Instrument :
BNA_F
ClientSampleId :
PB147985BS

Tgt Ion:204 Resp: 351154
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 70.7 57.1 85.7

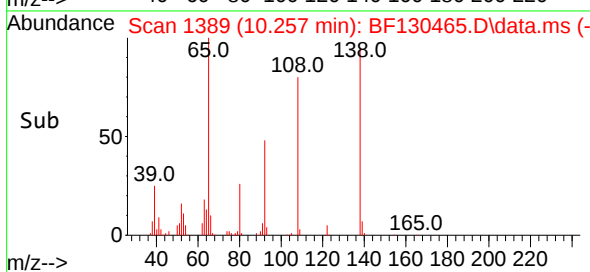
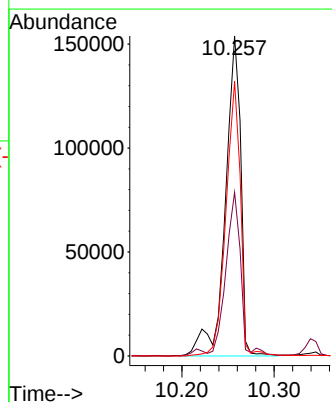
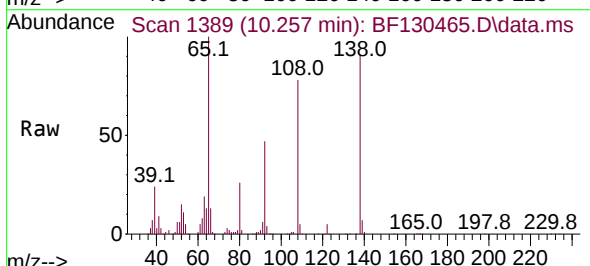
Manual Integrations
APPROVED

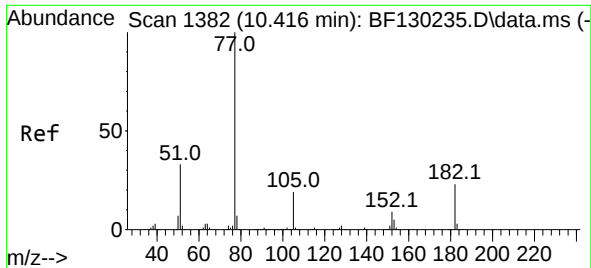
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#62
4-Nitroaniline
Concen: 39.392 ng m
RT: 10.257 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Tgt Ion:138 Resp: 178454
Ion Ratio Lower Upper
138 100
92 51.1 36.7 76.7
108 85.8 78.2 118.2





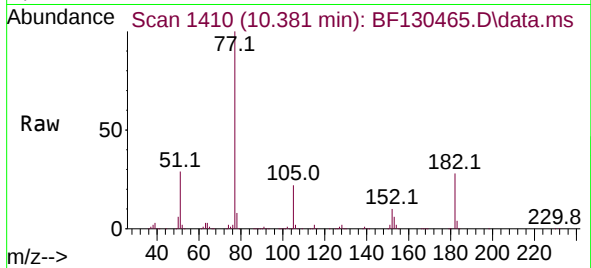
#63
Azobenzene
Concen: 34.037 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

PB147985BS

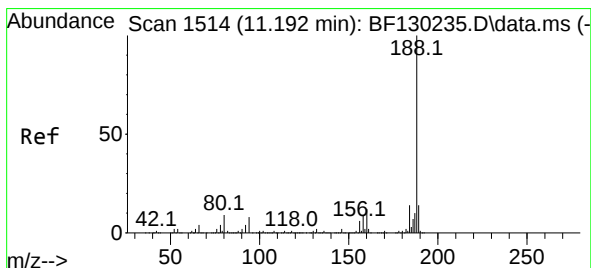
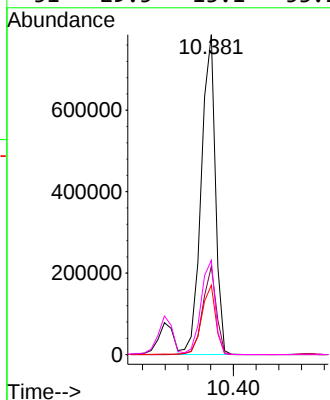
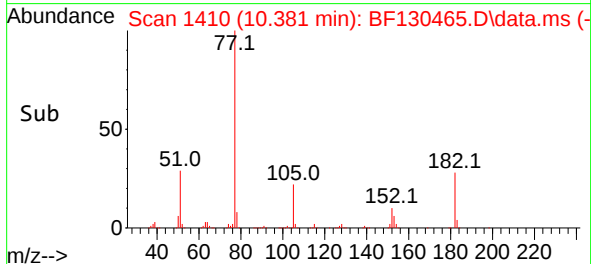


Tgt Ion: 77 Resp: 680140
Ion Ratio Lower Upper
77 100
182 27.5 2.1 42.1
105 21.7 0.0 39.4
51 29.5 13.1 53.1

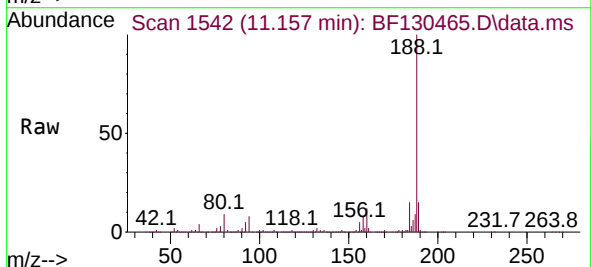
Manual Integrations

APPROVED

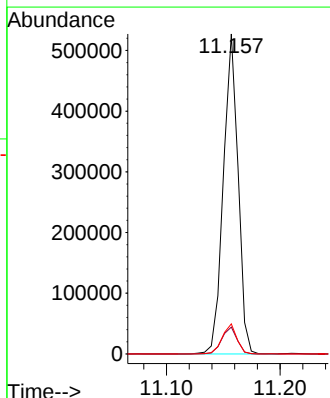
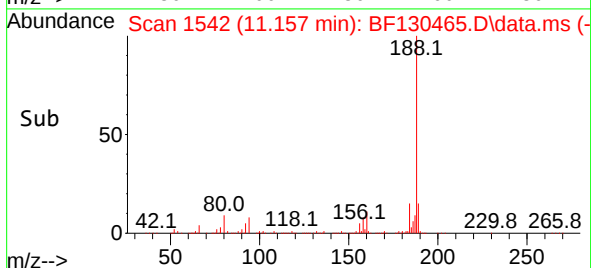
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

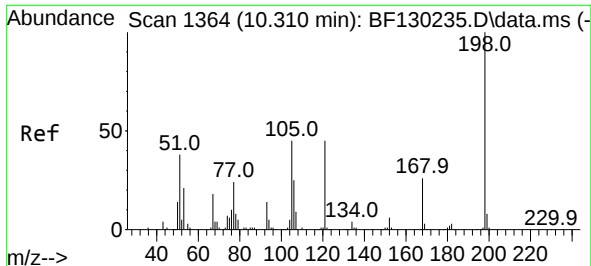


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



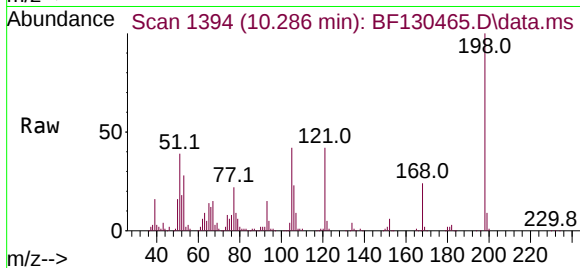
Tgt Ion:188 Resp: 473663
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.4 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.252 ng
RT: 10.286 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

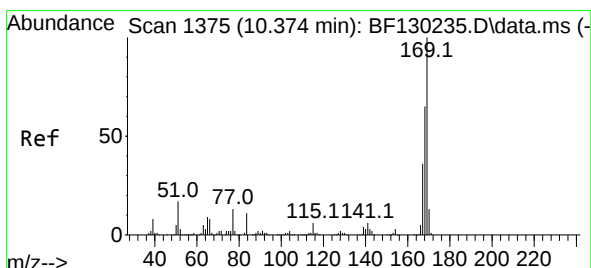
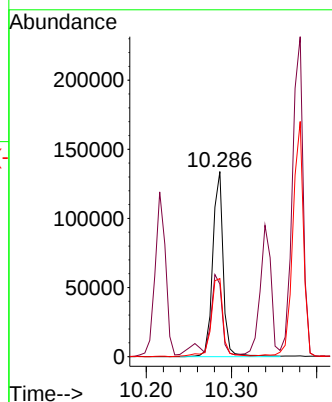
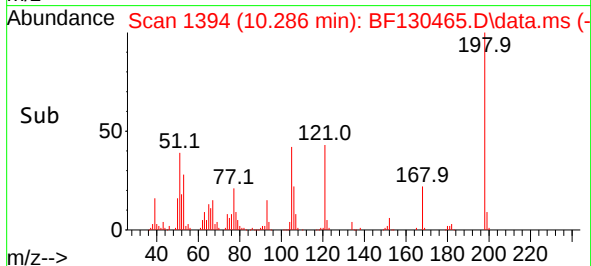
Instrument :
BNA_F
ClientSampleId :
PB147985BS



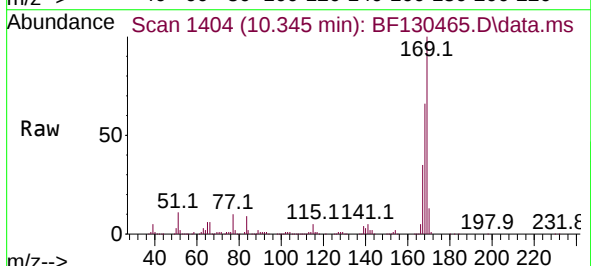
Tgt Ion:198 Resp: 114045
Ion Ratio Lower Upper
198 100
51 39.2 36.9 76.9
105 42.1 33.0 73.0

Manual Integrations
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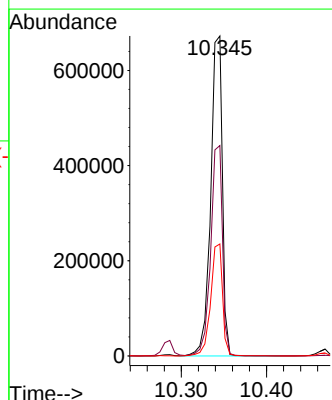
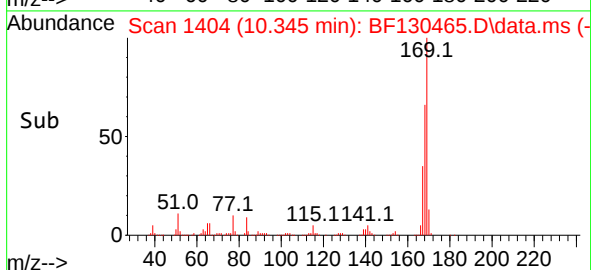
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

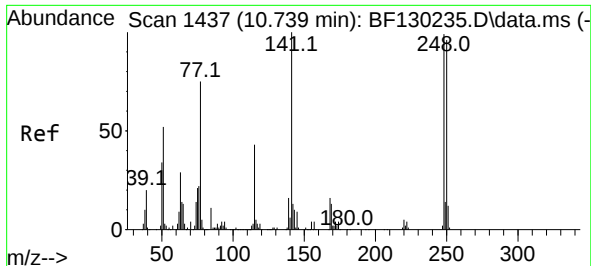


#66
n-Nitrosodiphenylamine
Concen: 40.393 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



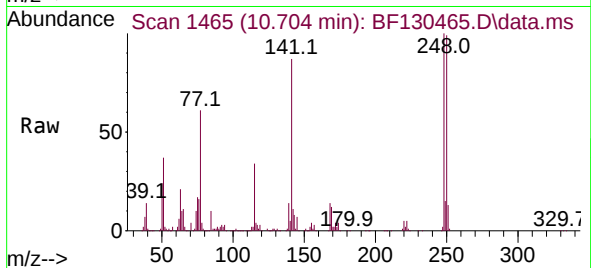
Tgt Ion:169 Resp: 639362
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.846 ng
RT: 10.704 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

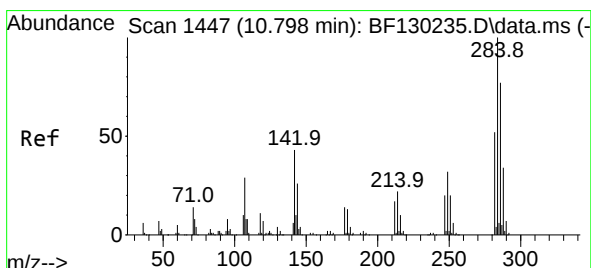
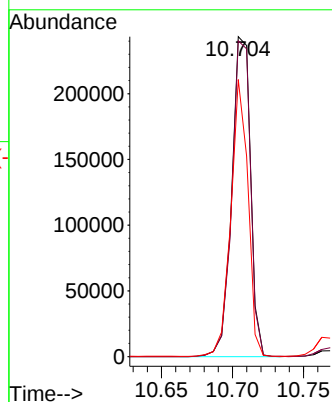
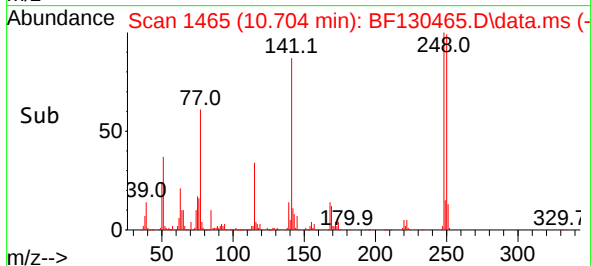
Instrument :
BNA_F
ClientSampleId :
PB147985BS



Tgt Ion:248 Resp: 223883
Ion Ratio Lower Upper
248 100
250 98.7 80.0 120.0
141 86.6 68.5 102.7

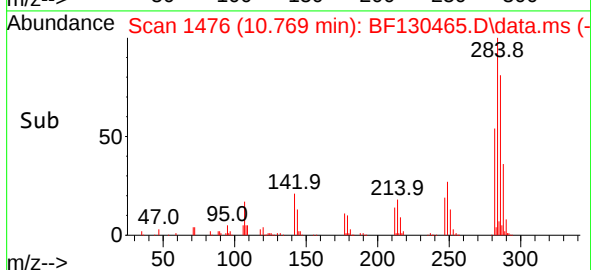
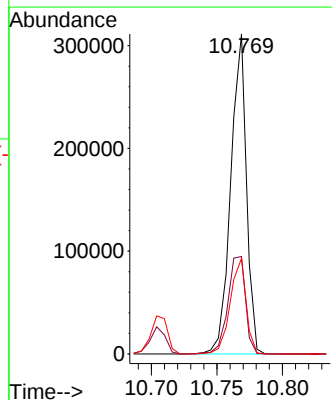
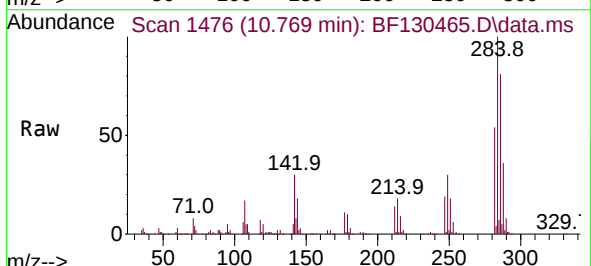
Manual Integrations
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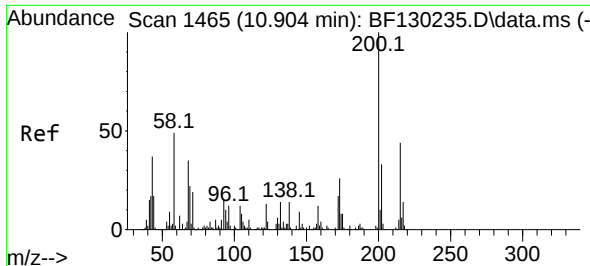
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#68
Hexachlorobenzene
Concen: 43.663 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

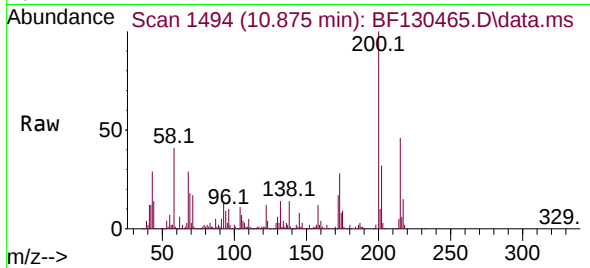
Tgt Ion:284 Resp: 258626
Ion Ratio Lower Upper
284 100
142 30.4 27.2 40.8
249 29.9 23.8 35.8





#69
 Atrazine
 Concen: 44.190 ng
 RT: 10.875 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF130465.D
 Acq: 29 Sep 2022 13:45

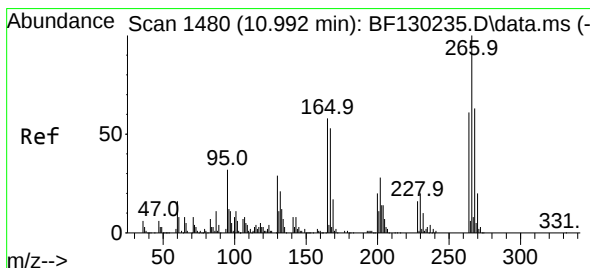
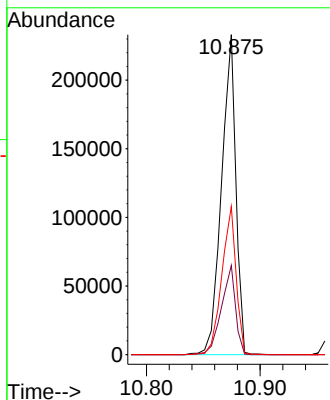
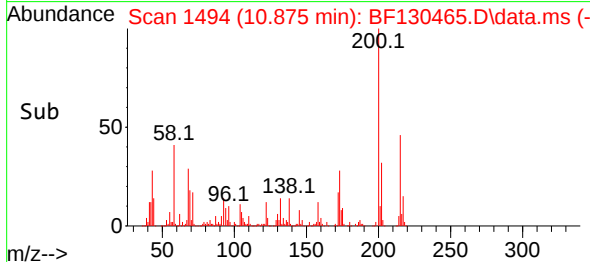
Instrument :
 BNA_F
 ClientSampleId :
 PB147985BS



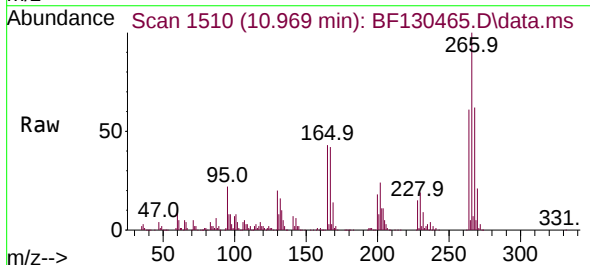
Tgt Ion:200 Resp: 204406
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.2 46.2
 215 46.3 22.5 62.5

Manual Integrations
 APPROVED

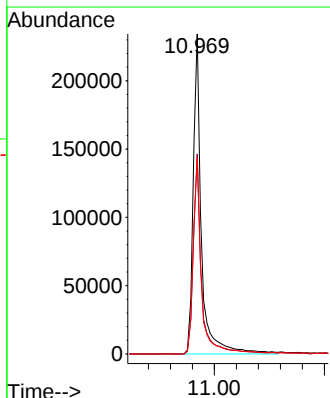
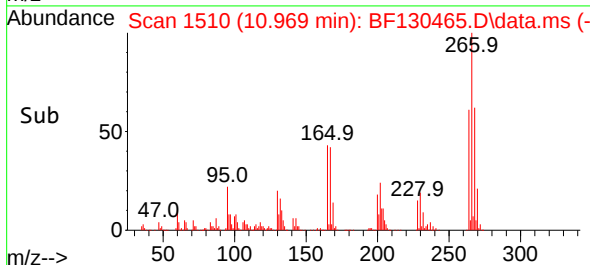
Reviewed By :Christian Giraldo 09/30/2022
 Supervised By :Jagrut Upadhyay 09/30/2022

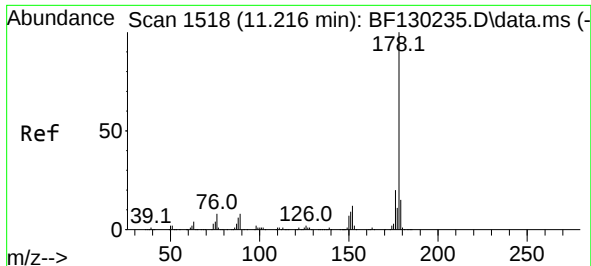


#70
 Pentachlorophenol
 Concen: 76.917 ng
 RT: 10.969 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: BF130465.D
 Acq: 29 Sep 2022 13:45



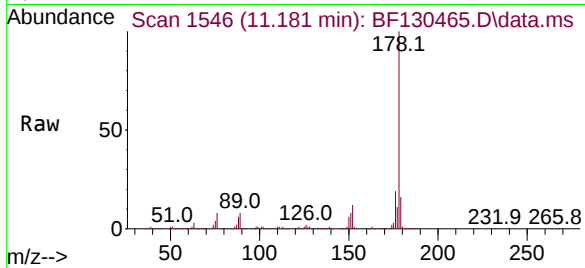
Tgt Ion:266 Resp: 244511
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.5 75.7
 264 61.3 50.5 75.7





#71
Phenanthrene
Concen: 39.292 ng
RT: 11.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

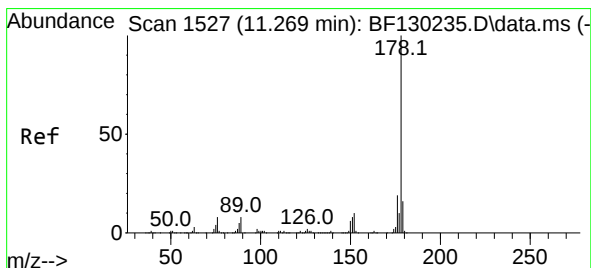
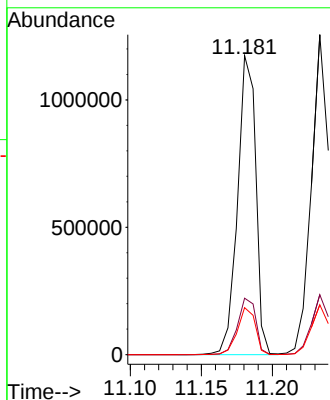
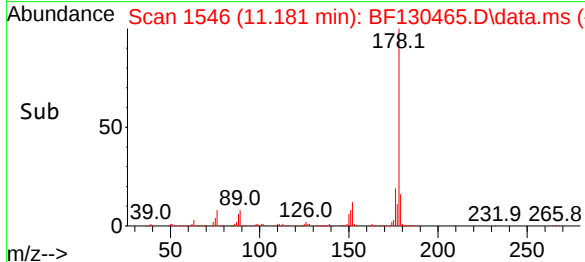
Instrument :
BNA_F
ClientSampleId :
PB147985BS



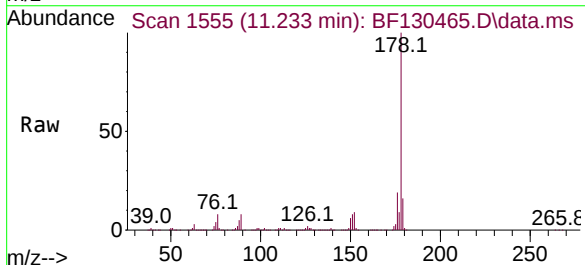
Tgt Ion:178 Resp: 1044897
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.7 12.4 18.6

Manual Integrations
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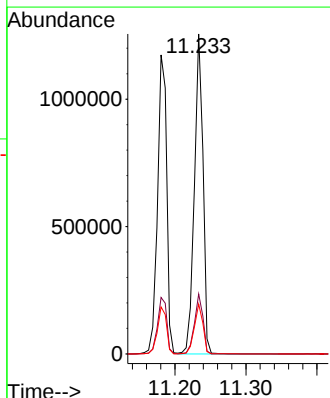
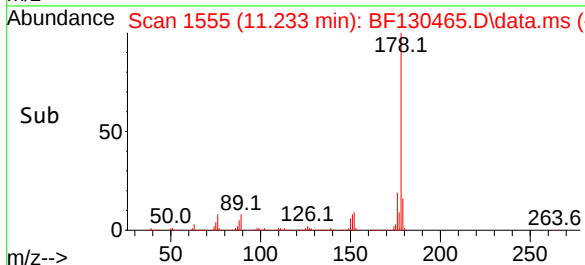
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

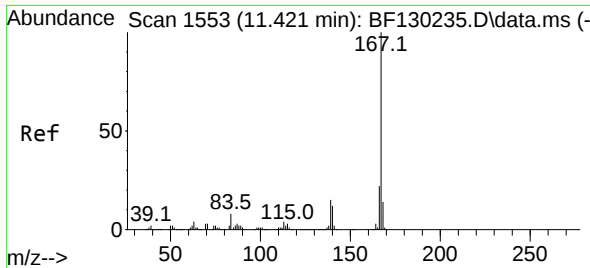


#72
Anthracene
Concen: 41.345 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



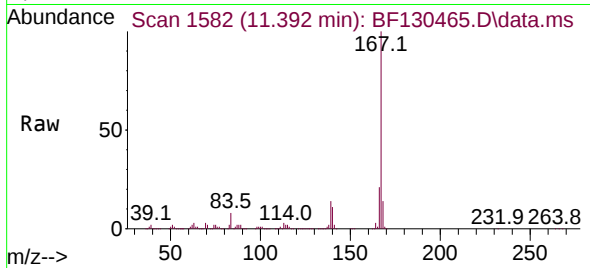
Tgt Ion:178 Resp: 1061048
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.7 19.1





#73
Carbazole
Concen: 41.116 ng
RT: 11.392 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

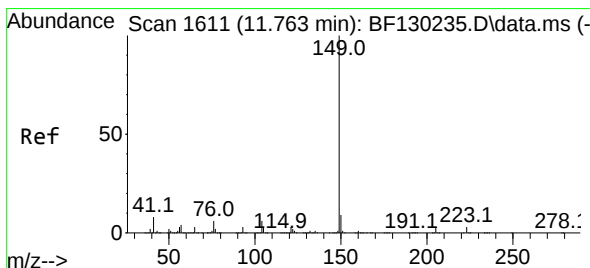
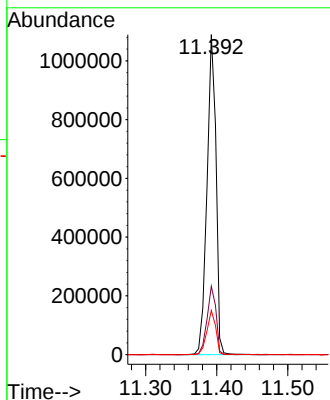
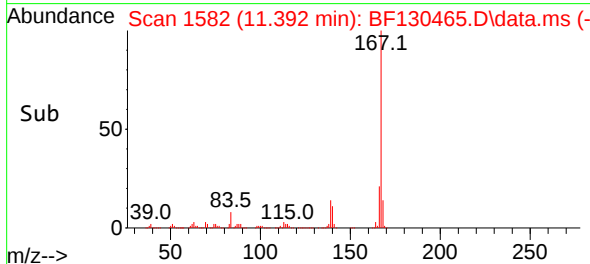
Instrument :
BNA_F
ClientSampleId :
PB147985BS



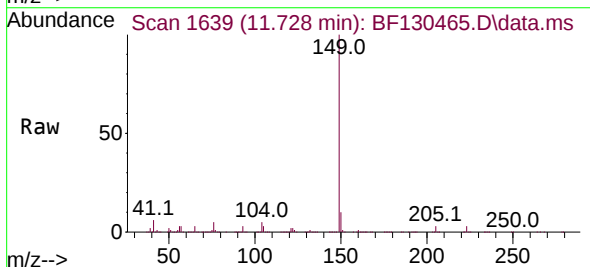
Tgt Ion:167 Resp: 952279
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.2
139 13.8 11.6 17.4

Manual Integrations
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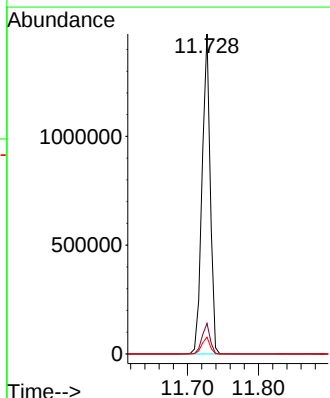
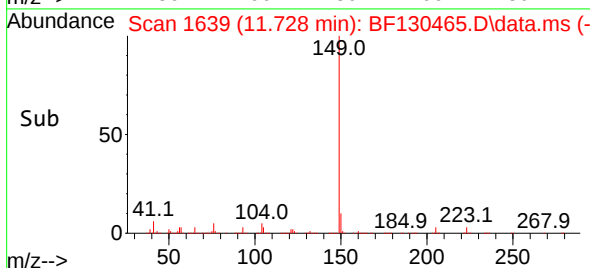
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

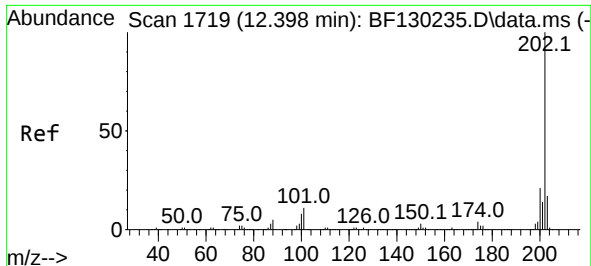


#74
Di-n-butylphthalate
Concen: 41.527 ng
RT: 11.728 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



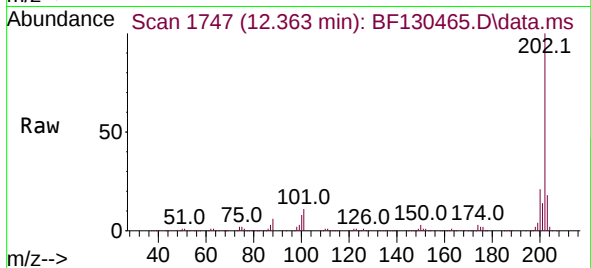
Tgt Ion:149 Resp: 1159815
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.2 4.8 7.2





#75
Fluoranthene
Concen: 41.674 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

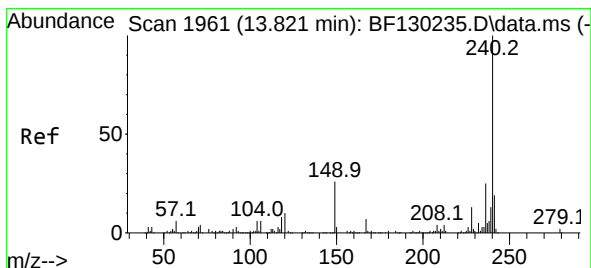
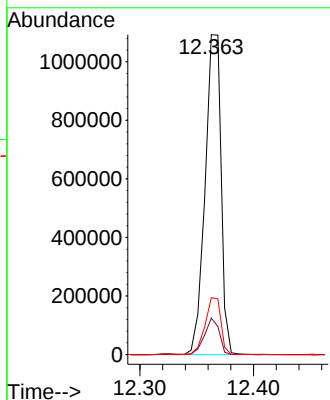
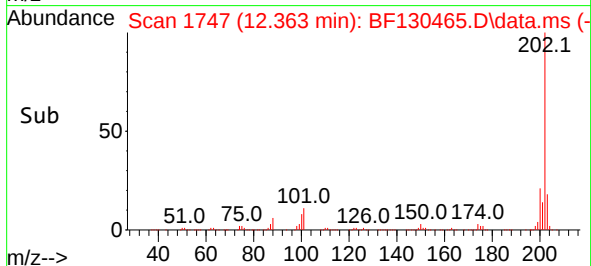
Instrument :
BNA_F
ClientSampleId :
PB147985BS



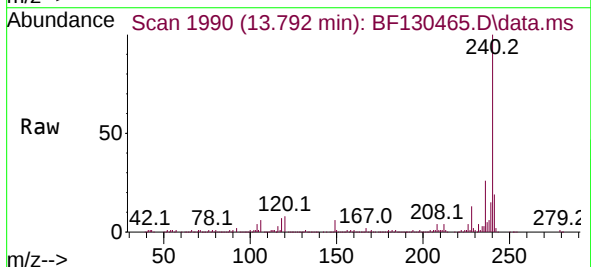
Tgt Ion:202 Resp: 107090
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.8
203 17.8 0.0 37.8

Manual Integrations
APPROVED

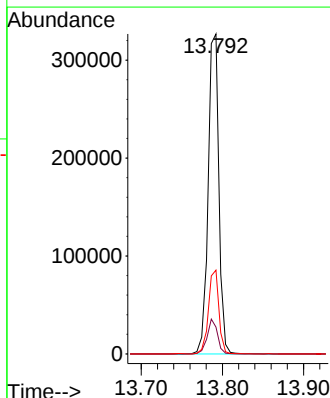
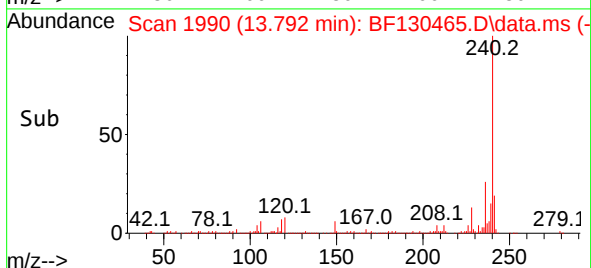
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

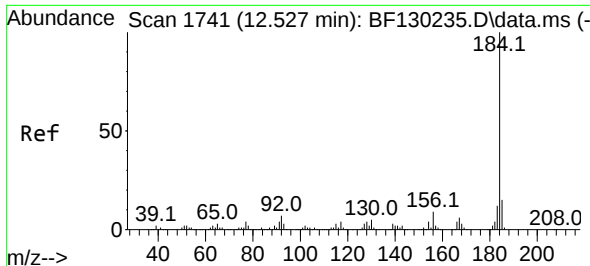


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



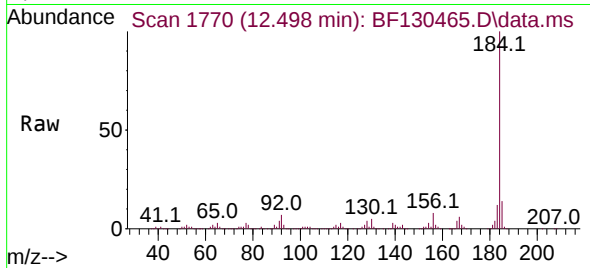
Tgt Ion:240 Resp: 301759
Ion Ratio Lower Upper
240 100
120 8.4 8.7 13.1#
236 26.2 20.9 31.3





#77
Benzidine
Concen: 71.327 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

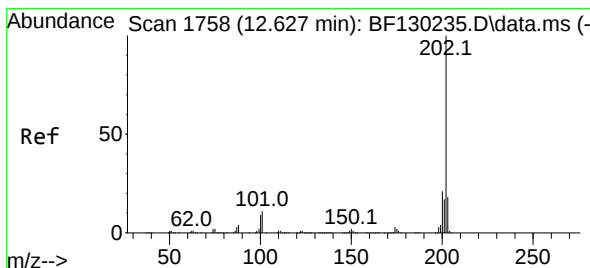
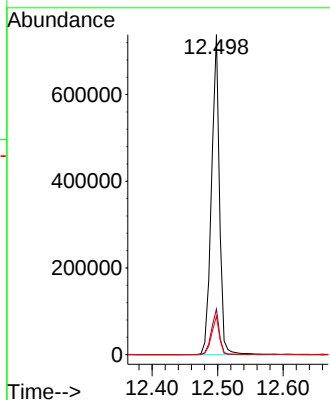
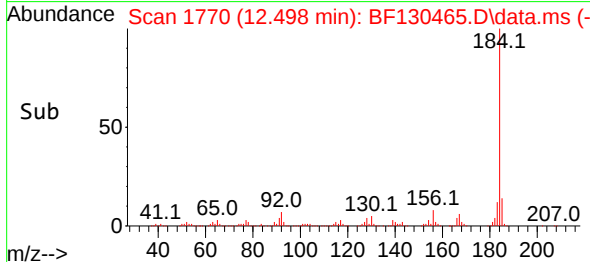
Instrument :
BNA_F
ClientSampleId :
PB147985BS



Tgt Ion:184 Resp: 624800
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 12.0 9.1 13.7

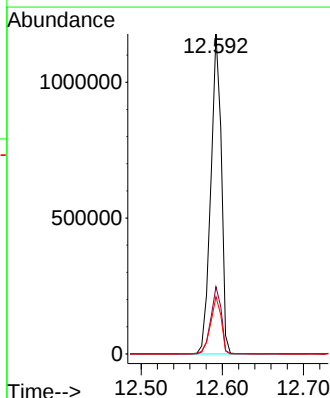
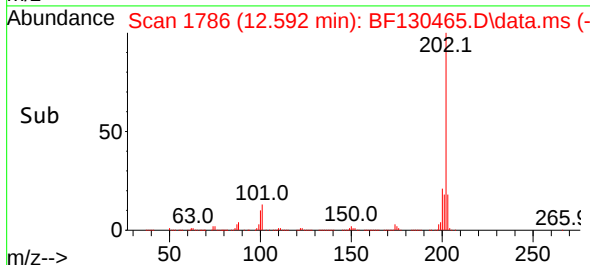
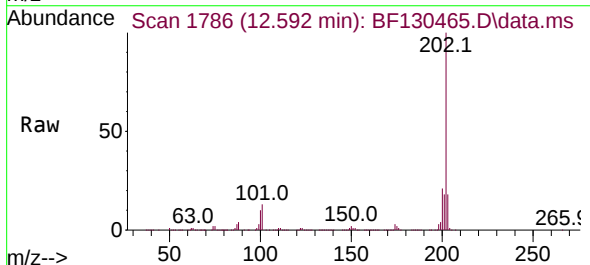
Manual Integrations
APPROVED

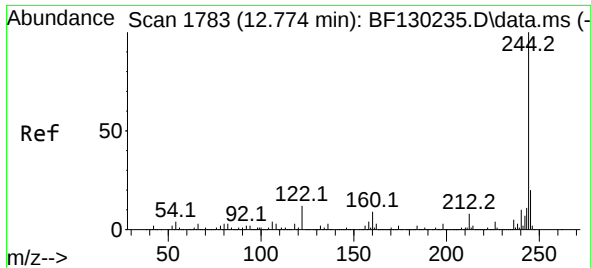
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#78
Pyrene
Concen: 40.207 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

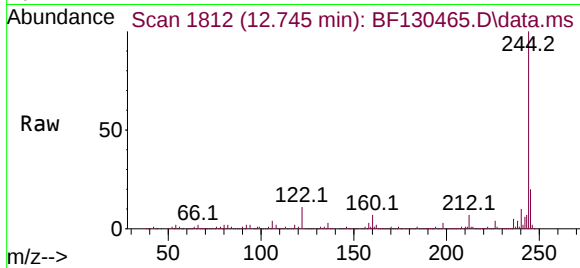
Tgt Ion:202 Resp: 1061388
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.9 14.3 21.5





#79
Terphenyl-d14
Concen: 90.252 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

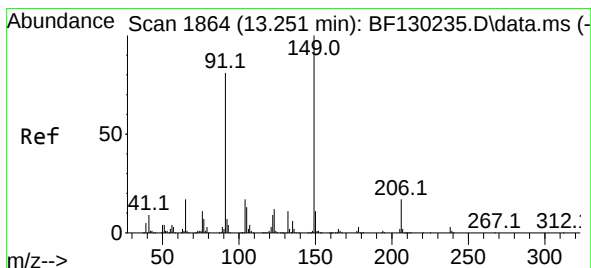
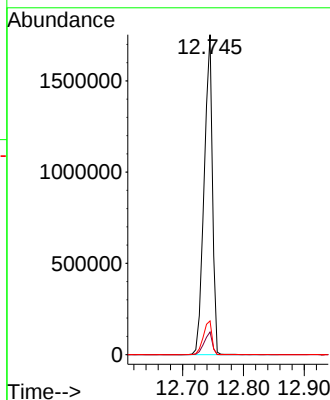
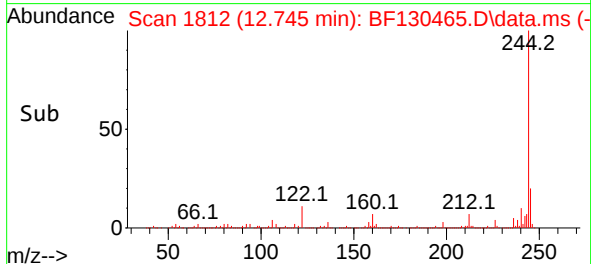
Instrument :
BNA_F
ClientSampleId :
PB147985BS



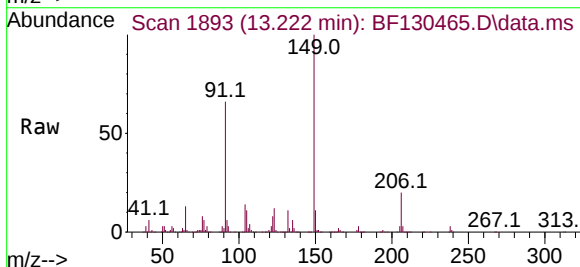
Tgt Ion:244 Resp: 1644093
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.5 8.5 12.7

Manual Integrations
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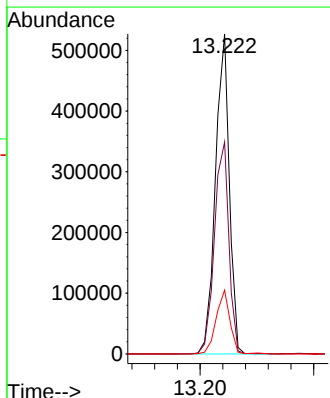
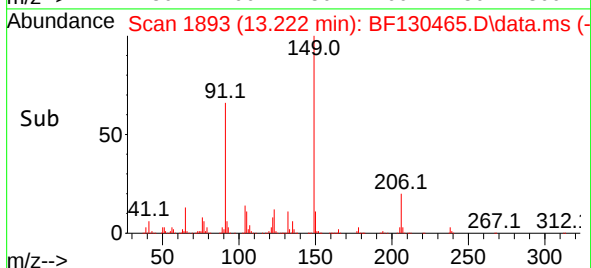
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

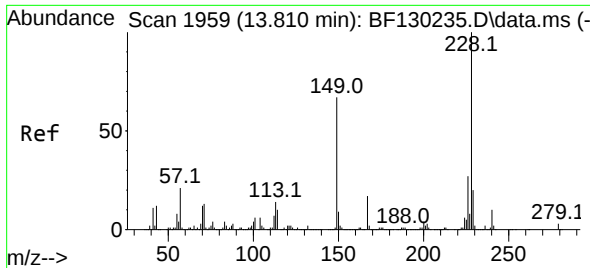


#80
Butylbenzylphthalate
Concen: 45.631 ng
RT: 13.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



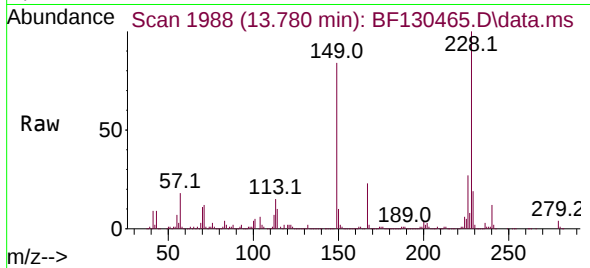
Tgt Ion:149 Resp: 446240
Ion Ratio Lower Upper
149 100
91 66.2 59.8 89.8
206 19.9 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.382 ng
RT: 13.780 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

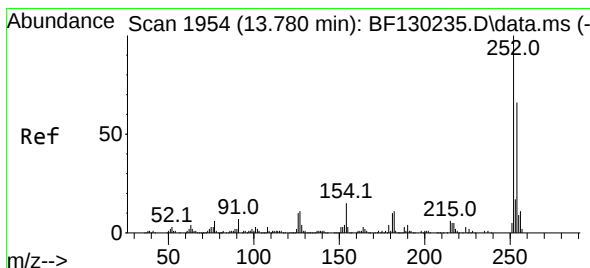
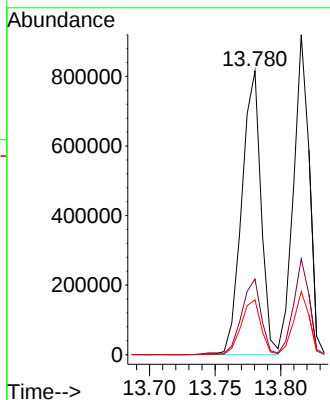
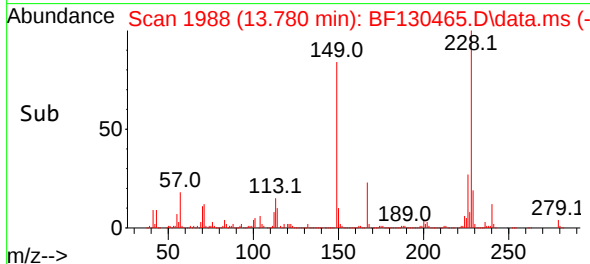
Instrument :
BNA_F
ClientSampleId :
PB147985BS



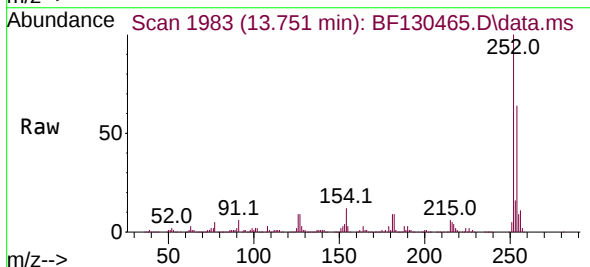
Tgt Ion:228 Resp: 830731
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.4 16.1 24.1

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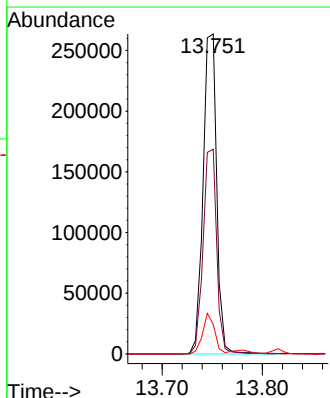
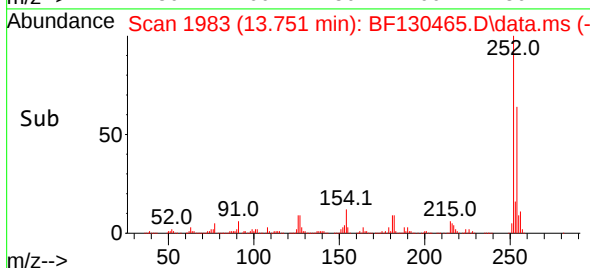
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

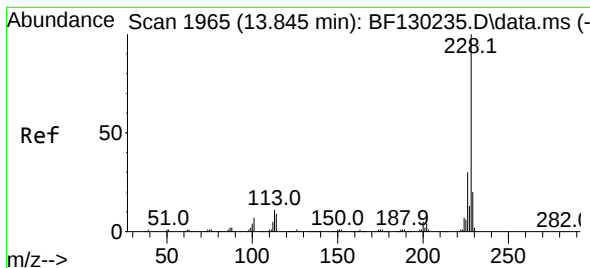


#82
3,3'-Dichlorobenzidine
Concen: 45.375 ng
RT: 13.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:252 Resp: 247949
Ion Ratio Lower Upper
252 100
254 63.9 51.1 76.7
126 9.2 10.4 15.6#





#83

Chrysene

Concen: 40.270 ng

RT: 13.816 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

Instrument :

BNA_F

ClientSampleId :

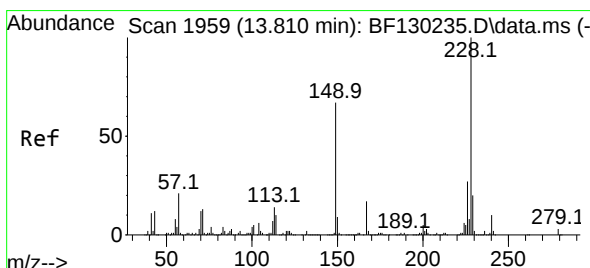
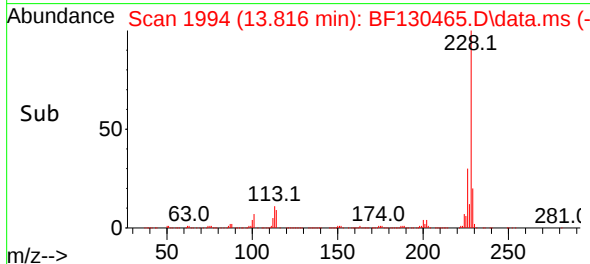
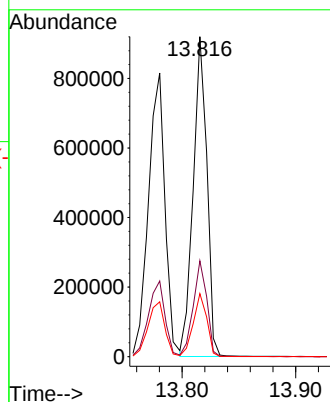
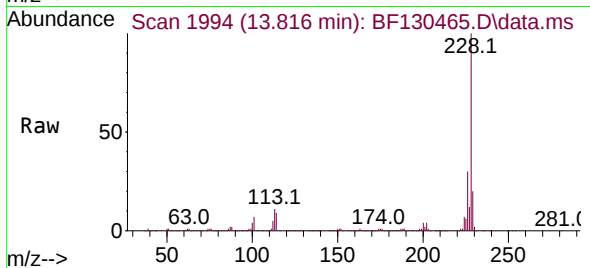
PB147985BS

Tgt Ion:	228	Resp:	767562
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.8
229	19.7	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.830 ng

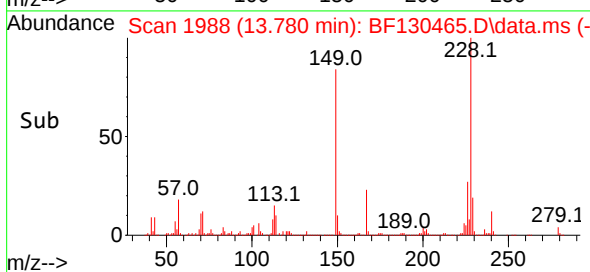
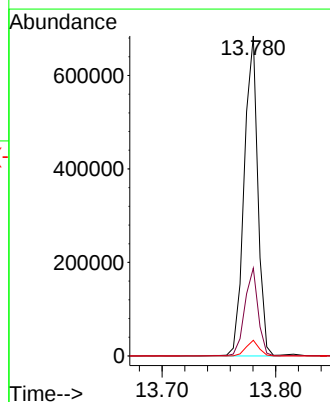
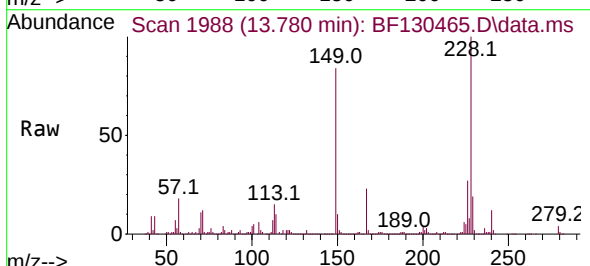
RT: 13.780 min Scan# 1988

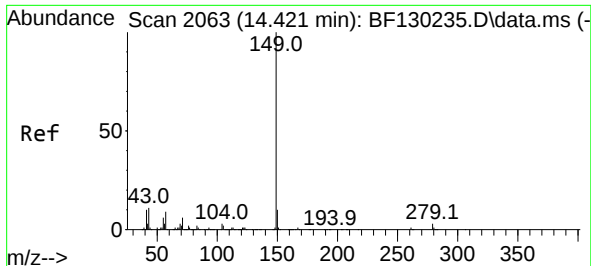
Delta R.T. 0.000 min

Lab File: BF130465.D

Acq: 29 Sep 2022 13:45

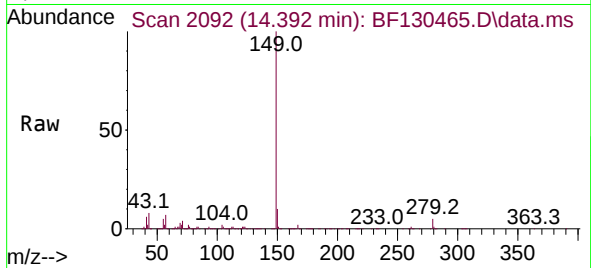
Tgt Ion:	149	Resp:	569381
Ion Ratio	Lower	Upper	
149	100		
167	27.4	20.5	30.7
279	4.9	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 46.335 ng
RT: 14.392 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

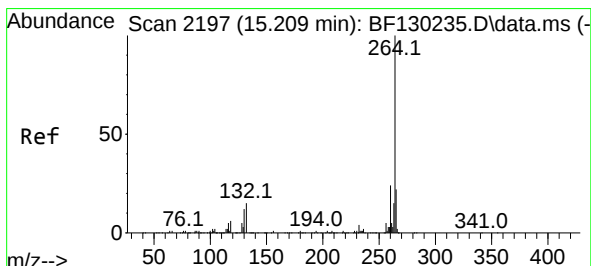
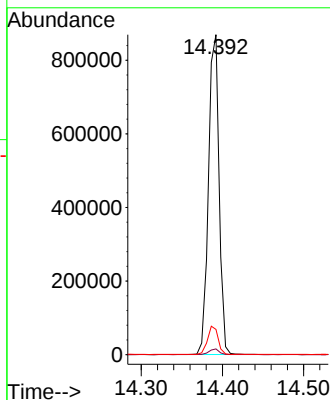
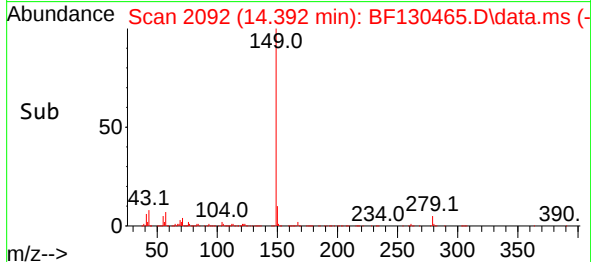
Instrument :
BNA_F
ClientSampleId :
PB147985BS



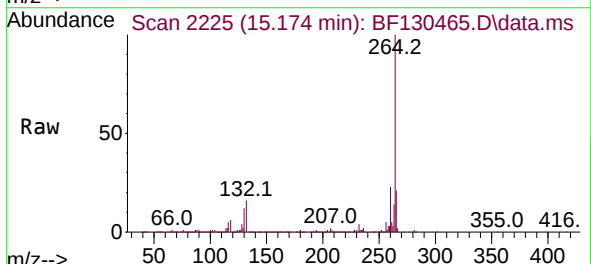
Tgt Ion:149 Resp: 793861
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.8 8.7 13.1

Manual Integrations
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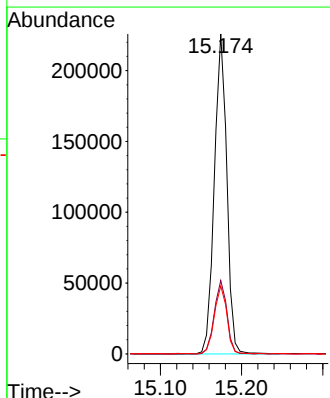
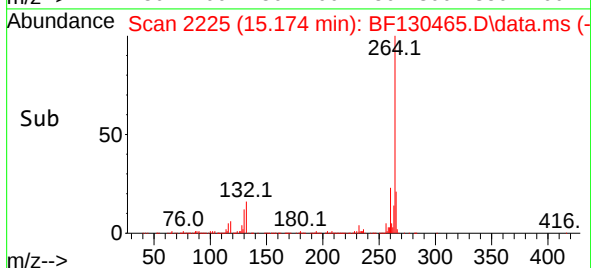
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

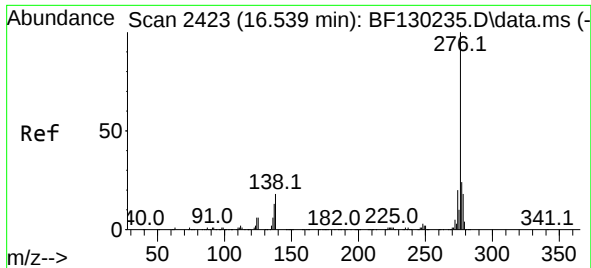


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



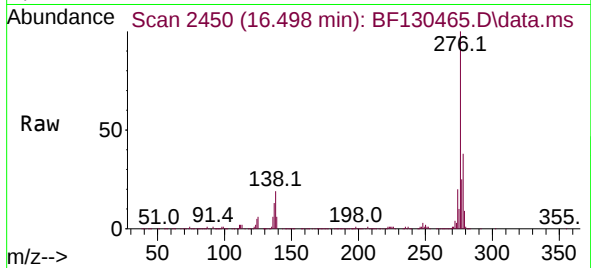
Tgt Ion:264 Resp: 240520
Ion Ratio Lower Upper
264 100
260 22.9 19.3 28.9
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.926 ng
RT: 16.498 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

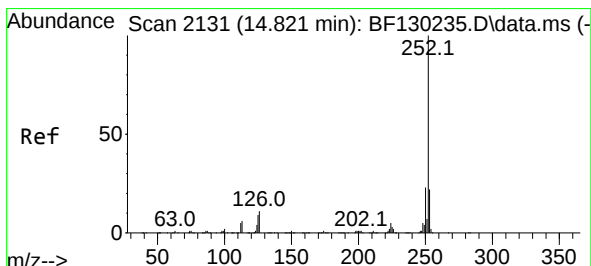
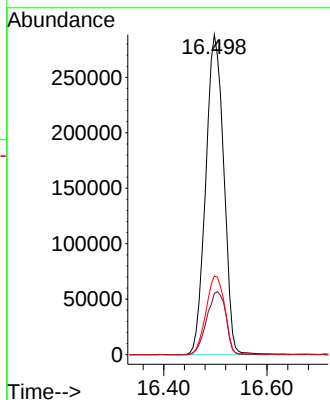
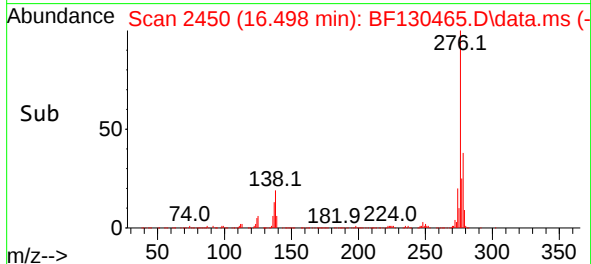
Instrument :
BNA_F
ClientSampleId :
PB147985BS



Tgt Ion:276 Resp: 698050
Ion Ratio Lower Upper
276 100
138 20.8 18.5 27.7
277 25.4 20.2 30.4

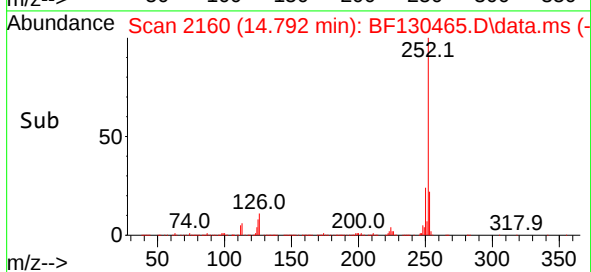
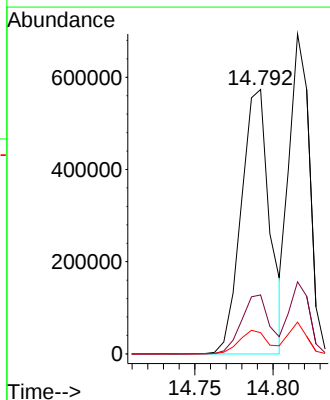
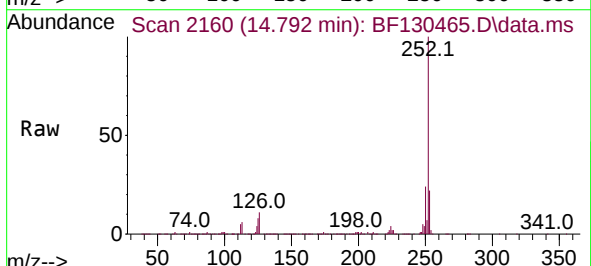
Manual Integrations
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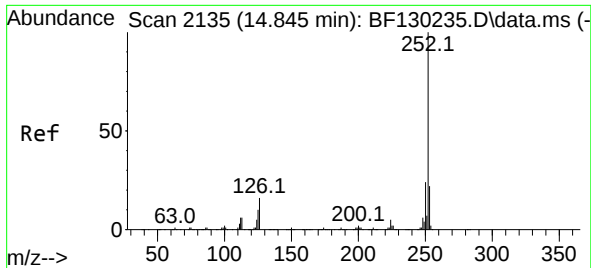
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#88
Benzo(b)fluoranthene
Concen: 46.380 ng m
RT: 14.792 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

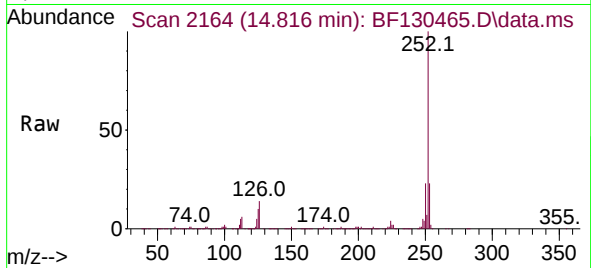
Tgt Ion:252 Resp: 728106
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.0 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 40.929 ng
RT: 14.816 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

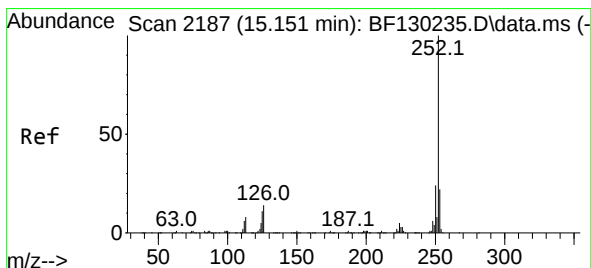
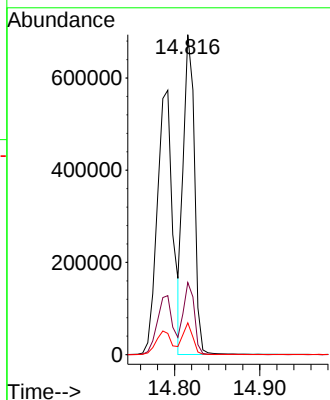
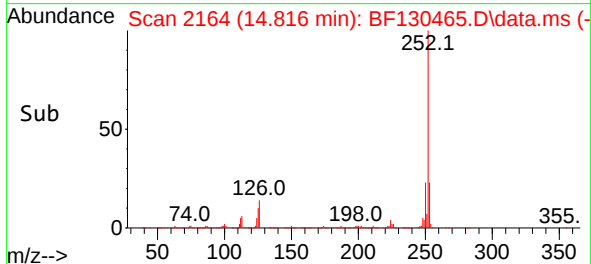
Instrument :
BNA_F
ClientSampleId :
PB147985BS



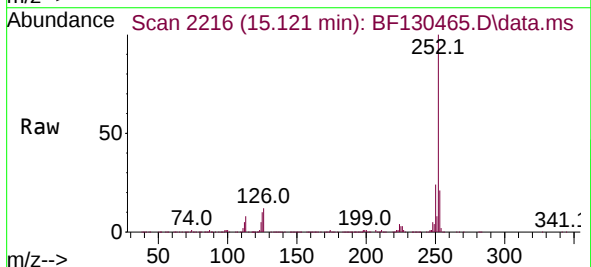
Tgt Ion:252 Resp: 632052
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.9 7.9 11.9

Manual Integrations
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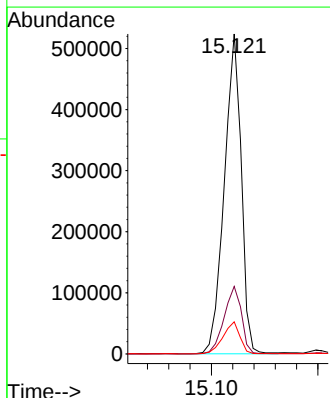
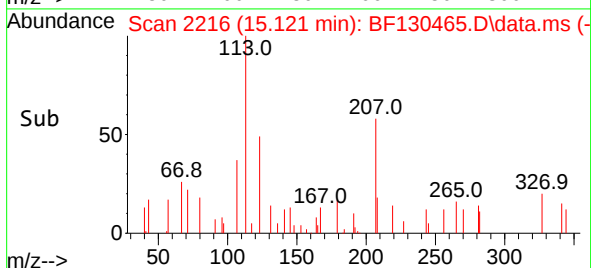
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

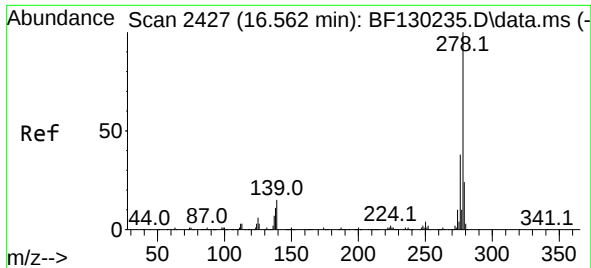


#90
Benzo(a)pyrene
Concen: 46.620 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



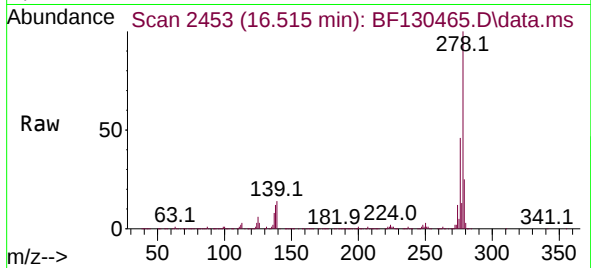
Tgt Ion:252 Resp: 579815
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 10.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 43.364 ng
RT: 16.515 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45

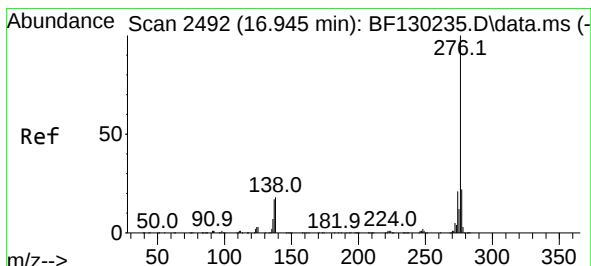
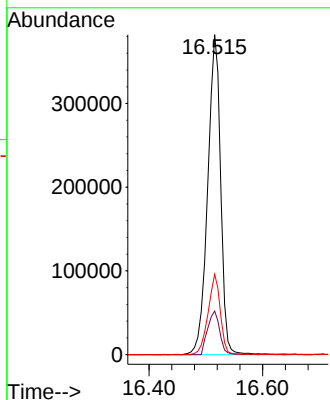
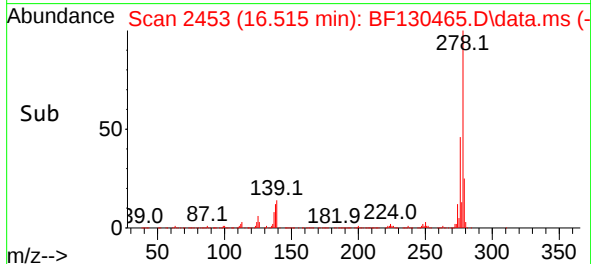
Instrument :
BNA_F
ClientSampleId :
PB147985BS



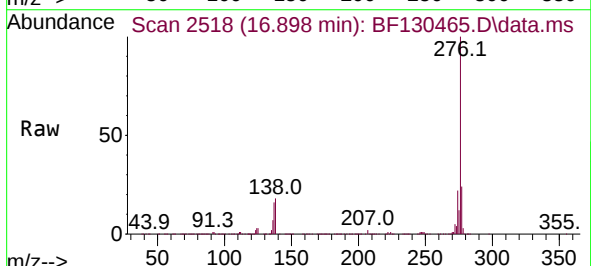
Tgt Ion:278 Resp: 606763
Ion Ratio Lower Upper
278 100
139 13.6 11.8 17.8
279 25.1 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#92
Benzo(g,h,i)perylene
Concen: 42.558 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF130465.D
Acq: 29 Sep 2022 13:45



Tgt Ion:276 Resp: 599852
Ion Ratio Lower Upper
276 100
277 24.3 18.6 27.8
138 18.1 14.6 21.8

