

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
 Data File : BF131317.D
 Acq On : 21 Nov 2022 15:31
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/22/2022
 Supervised By : Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 01:23:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	126035	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	459872	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	261029	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	461479	20.000	ng	0.00
76) Chrysene-d12	14.180	240	280632	20.000	ng	# 0.00
86) Perylene-d12	15.721	264	226427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	507349	76.613	ng	0.00
7) Phenol-d6	6.587	99	648001	76.694	ng	0.00
23) Nitrobenzene-d5	7.539	82	696151	76.308	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	188842	85.991	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1287576	71.762	ng	0.00
79) Terphenyl-d14	13.121	244	1315803	76.673	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	113229	35.865	ng	100
3) Pyridine	3.546	79	323955	36.954	ng	99
4) n-Nitrosodimethylamine	3.522	42	196265	37.964	ng	98
6) Aniline	6.634	93	410299m	37.053	ng	
8) 2-Chlorophenol	6.751	128	293375	39.104	ng	100
9) Benzaldehyde	6.522	77	207627	39.981	ng	96
10) Phenol	6.598	94	358253	38.243	ng	100
11) bis(2-Chloroethyl)ether	6.704	93	294202	37.484	ng	99
12) 1,3-Dichlorobenzene	6.910	146	331762	37.104	ng	99
13) 1,4-Dichlorobenzene	6.987	146	335914	36.972	ng	98
14) 1,2-Dichlorobenzene	7.139	146	311200	37.200	ng	99
15) Benzyl Alcohol	7.110	79	283820	40.968	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	562252	37.458	ng	100
17) 2-Methylphenol	7.210	107	252635	39.509	ng	99
18) Hexachloroethane	7.487	117	129013	39.695	ng	99
19) n-Nitroso-di-n-propyla...	7.387	70	234703	37.945	ng	99
20) 3+4-Methylphenols	7.369	107	321281	39.351	ng	97
22) Acetophenone	7.381	105	429016	36.650	ng	99
24) Nitrobenzene	7.557	77	356803	37.538	ng	99
25) Isophorone	7.798	82	611651	37.580	ng	98
26) 2-Nitrophenol	7.875	139	136747	43.867	ng	88
27) 2,4-Dimethylphenol	7.904	122	247894	39.288	ng	98
28) bis(2-Chloroethoxy)met...	8.004	93	341806	36.974	ng	99
29) 2,4-Dichlorophenol	8.110	162	267580	39.096	ng	98
30) 1,2,4-Trichlorobenzene	8.198	180	309533	36.508	ng	96
31) Naphthalene	8.286	128	896316	36.575	ng	99
32) Benzoic acid	8.022	122	165145	43.574	ng	91
33) 4-Chloroaniline	8.328	127	349556	36.156	ng	99
34) Hexachlorobutadiene	8.398	225	205317	37.397	ng	99
35) Caprolactam	8.710	113	74759	41.567	ng	# 88
36) 4-Chloro-3-methylphenol	8.804	107	281218	39.549	ng	95
37) 2-Methylnaphthalene	8.975	142	606997	36.556	ng	98
38) 1-Methylnaphthalene	9.075	142	585092	36.338	ng	100
40) 1,2,4,5-Tetrachloroben...	9.139	216	313441	37.003	ng	99
41) Hexachlorocyclopentadiene	9.128	237	154008	40.444	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	199977	41.616	ng	99

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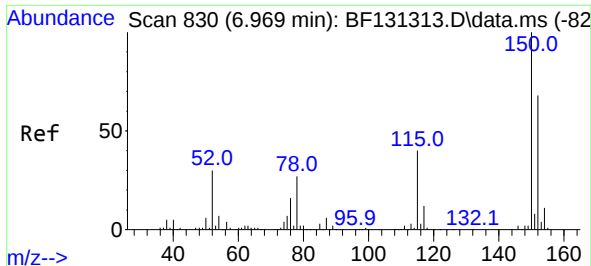
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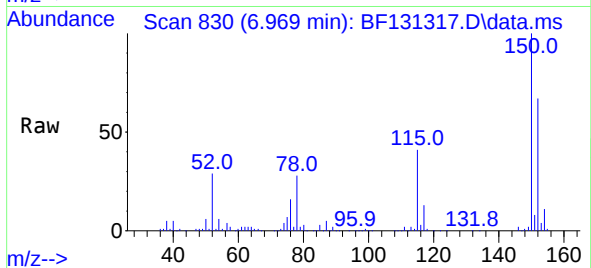
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.286	196	219499	40.621	ng	98
46) 1,1'-Biphenyl	9.445	154	726008	36.447	ng	98
47) 2-Chloronaphthalene	9.469	162	586962	36.732	ng	99
48) 2-Nitroaniline	9.563	65	203760	41.997	ng	94
49) Acenaphthylene	9.886	152	891009	36.578	ng	99
50) Dimethylphthalate	9.745	163	688735	37.870	ng	99
51) 2,6-Dinitrotoluene	9.810	165	145626	40.039	ng	# 83
52) Acenaphthene	10.063	154	567942	37.234	ng	99
53) 3-Nitroaniline	9.980	138	145462	38.921	ng	96
54) 2,4-Dinitrophenol	10.075	184	57725	44.423	ng	94
55) Dibenzofuran	10.233	168	794406	36.201	ng	99
56) 4-Nitrophenol	10.122	139	108528	41.842	ng	96
57) 2,4-Dinitrotoluene	10.210	165	188571	41.206	ng	97
58) Fluorene	10.580	166	620140	36.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	189053	42.011	ng	100
60) Diethylphthalate	10.445	149	663389	38.631	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	317391	36.151	ng	96
62) 4-Nitroaniline	10.598	138	145191	39.035	ng	99
63) Azobenzene	10.733	77	682675	36.972	ng	95
65) 4,6-Dinitro-2-methylph...	10.622	198	81838	42.846	ng	82
66) n-Nitrosodiphenylamine	10.692	169	531763	36.162	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	208291	36.826	ng	97
68) Hexachlorobenzene	11.122	284	222851	37.123	ng	97
69) Atrazine	11.216	200	180968	39.971	ng	98
70) Pentachlorophenol	11.316	266	130270	39.948	ng	98
71) Phenanthrene	11.551	178	891258	35.736	ng	100
72) Anthracene	11.604	178	884726	36.096	ng	100
73) Carbazole	11.751	167	759952	36.349	ng	99
74) Di-n-butylphthalate	12.086	149	1002861	40.707	ng	99
75) Fluoranthene	12.745	202	963345	36.657	ng	99
77) Benzidine	12.863	184	180488	34.819	ng	99
78) Pyrene	12.974	202	951640	38.435	ng	100
80) Butylbenzylphthalate	13.598	149	341888	41.643	ng	94
81) Benzo(a)anthracene	14.168	228	708474	36.831	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	199362	39.057	ng	98
83) Chrysene	14.210	228	694865	36.819	ng	100
84) Bis(2-ethylhexyl)phtha...	14.157	149	446797	41.010	ng	# 99
85) Di-n-octyl phthalate	14.786	149	641288	42.364	ng	99
87) Indeno(1,2,3-cd)pyrene	17.309	276	600571	39.491	ng	100
88) Benzo(b)fluoranthene	15.262	252	582783	38.744	ng	100
89) Benzo(k)fluoranthene	15.298	252	554517	35.873	ng	98
90) Benzo(a)pyrene	15.657	252	466749	37.817	ng	99
91) Dibenzo(a,h)anthracene	17.333	278	500737	39.881	ng	99
92) Benzo(g,h,i)perylene	17.792	276	492632	39.312	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

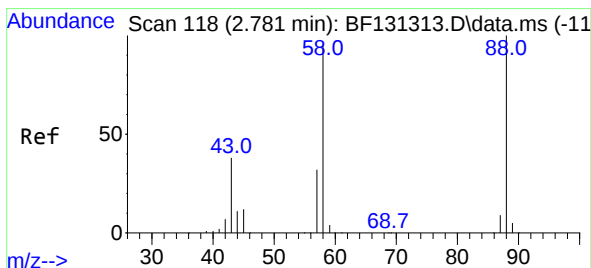
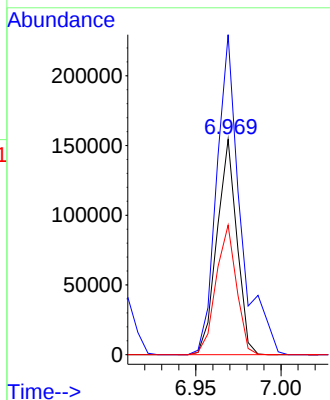
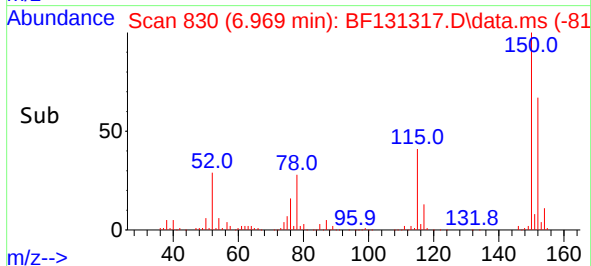
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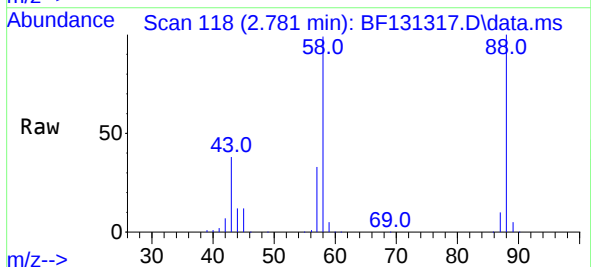
Tgt Ion:152 Resp: 126035
Ion Ratio Lower Upper
152 100
150 148.6 117.8 176.8
115 60.2 47.1 70.7

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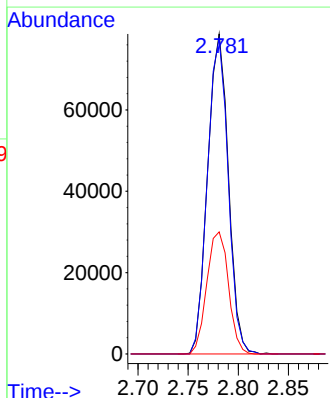
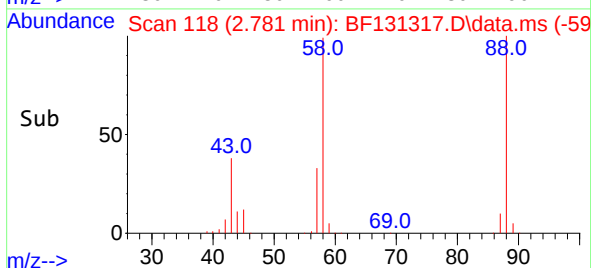
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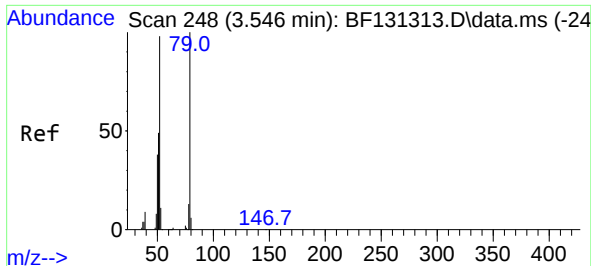


#2
1,4-Dioxane
Concen: 35.865 ng
RT: 2.781 min Scan# 118
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



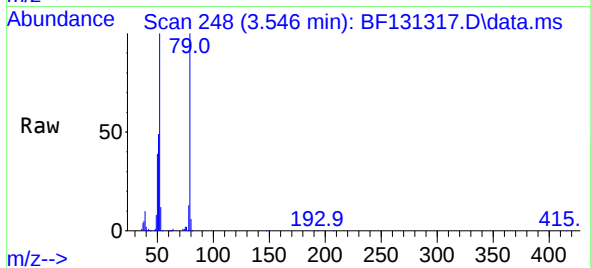
Tgt Ion: 88 Resp: 113229
Ion Ratio Lower Upper
88 100
58 98.2 78.2 117.4
43 39.8 31.6 47.4





#3
Pyridine
Concen: 36.954 ng
RT: 3.546 min Scan# 24
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

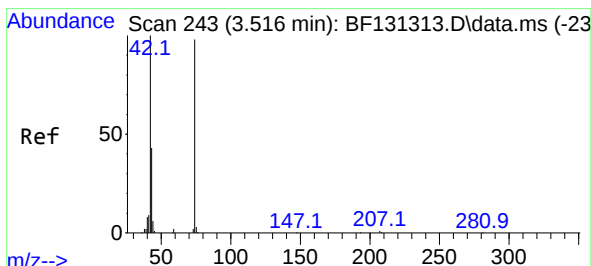
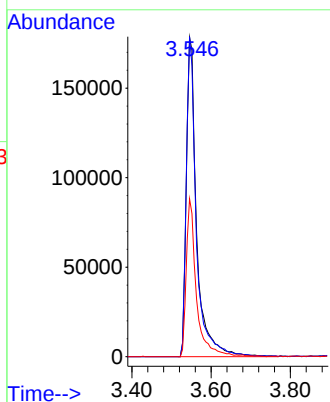
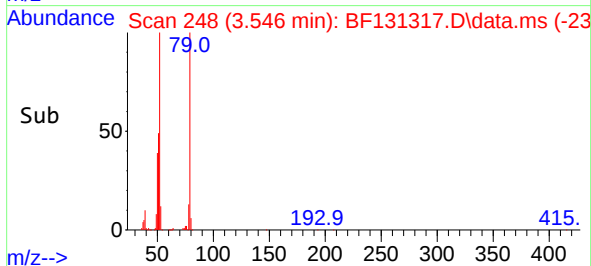
Instrument :
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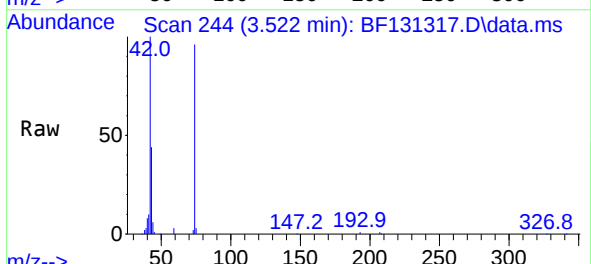
Tgt Ion: 79 Resp: 32395
Ion Ratio Lower Upper
79 100
52 100.2 78.7 118.1
51 49.4 39.3 58.9

Manual Integrations
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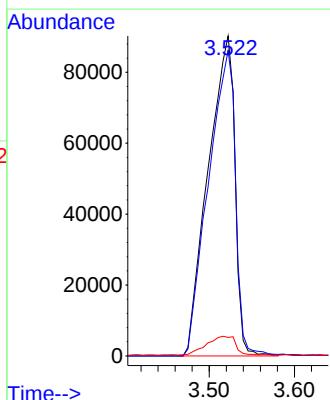
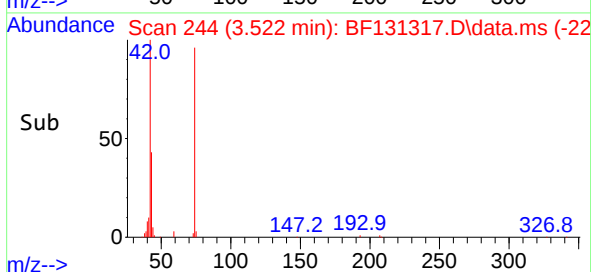
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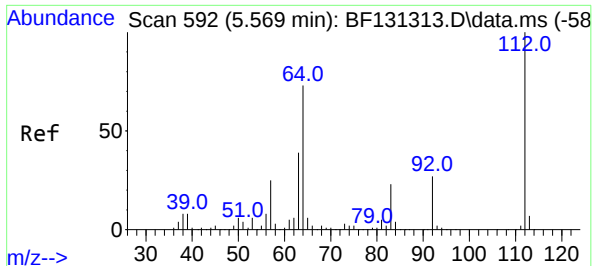


#4
n-Nitrosodimethylamine
Concen: 37.964 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion: 42 Resp: 196265
Ion Ratio Lower Upper
42 100
74 95.5 78.0 117.0
44 5.8 5.2 7.8





#5
2-Fluorophenol
Concen: 76.613 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

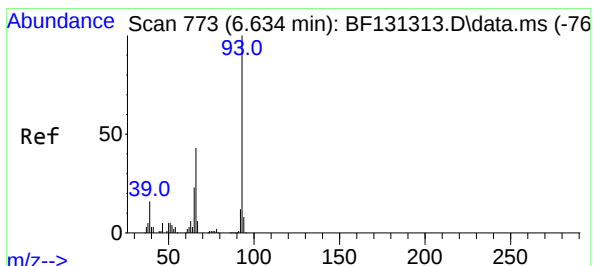
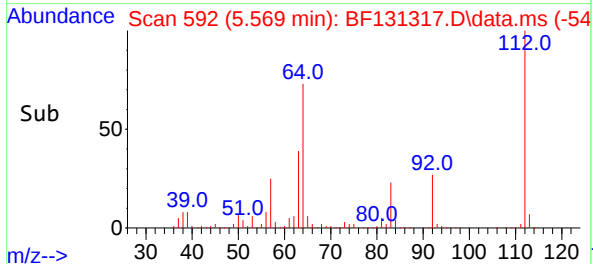
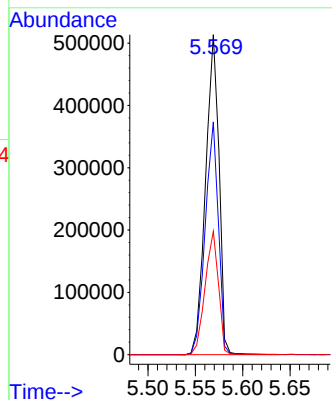
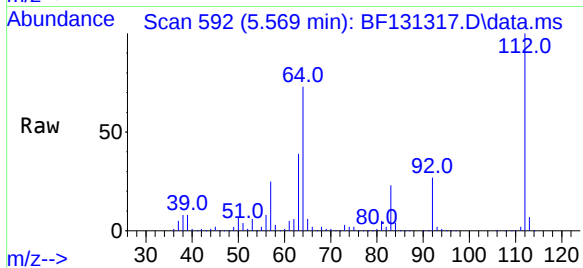
ICVBF112122

Tgt Ion:112 Resp: 507349
Ion Ratio Lower Upper
112 100
64 72.8 58.6 88.0
63 38.6 31.4 47.0

Manual Integrations

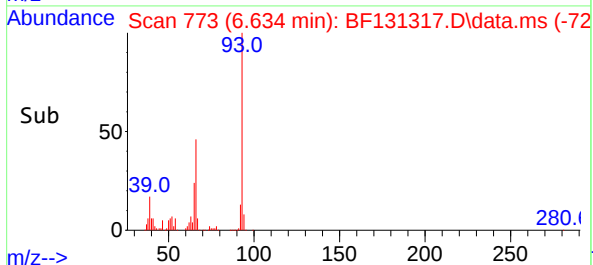
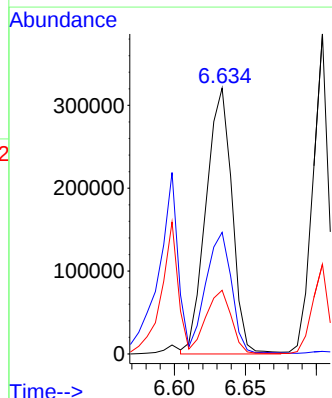
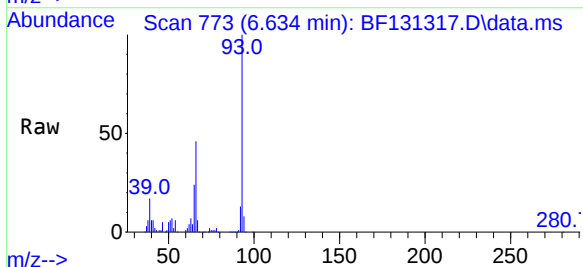
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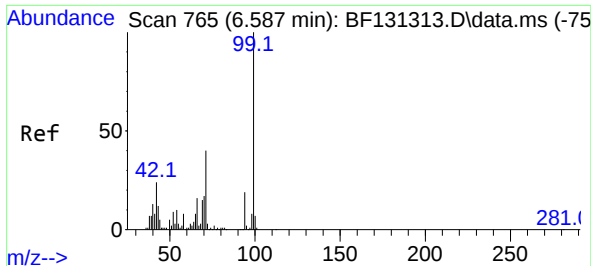
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#6
Aniline
Concen: 37.053 ng m
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

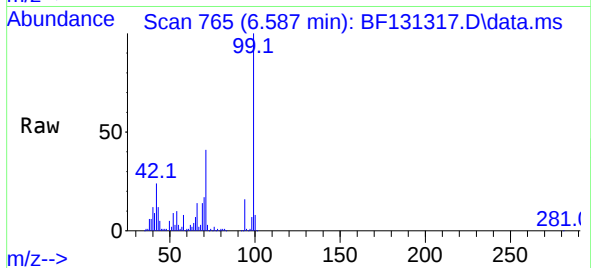
Tgt Ion: 93 Resp: 410299
Ion Ratio Lower Upper
93 100
66 45.7 35.6 53.4
65 24.0 18.4 27.6





#7
Phenol-d6
Concen: 76.694 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

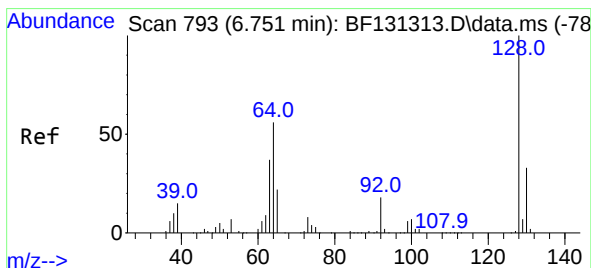
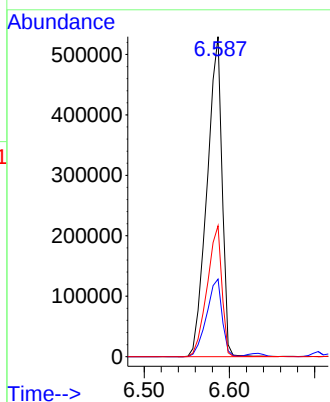
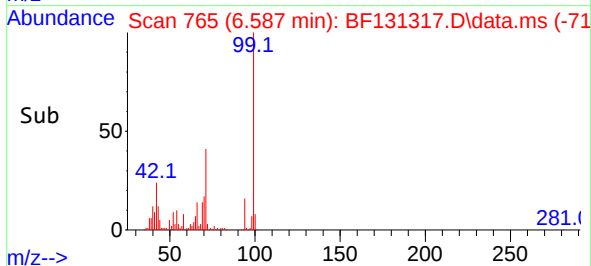
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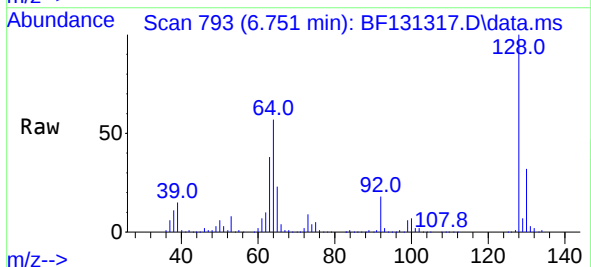
Tgt Ion: 99 Resp: 64800
Ion Ratio Lower Upper
99 100
42 24.2 19.4 29.2
71 40.9 32.3 48.5

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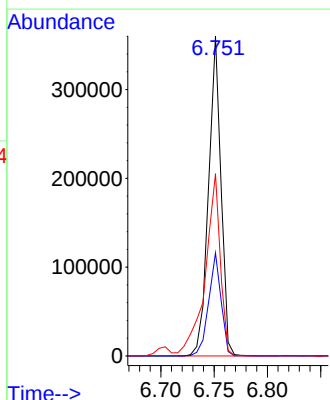
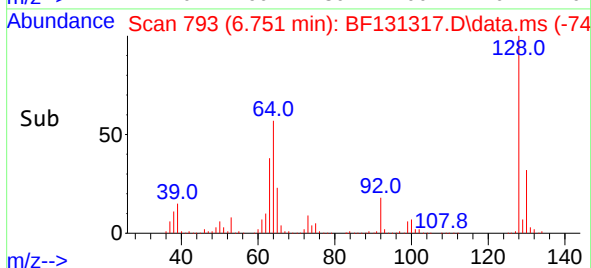
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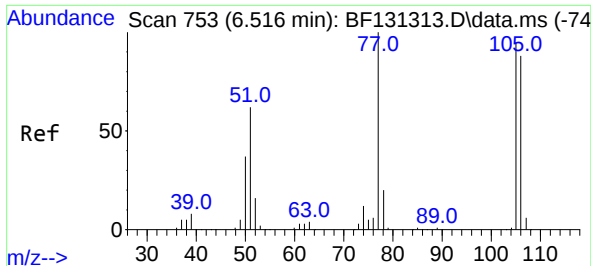


#8
2-Chlorophenol
Concen: 39.104 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:128 Resp: 293375
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 57.0 36.9 76.9





#9
Benzaldehyde
Concen: 39.981 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

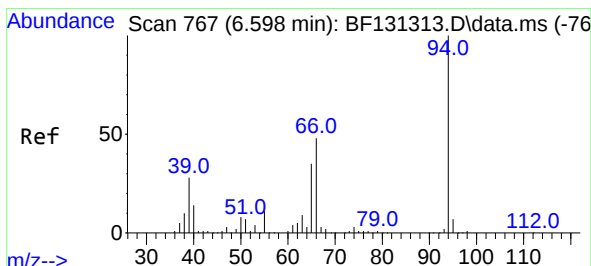
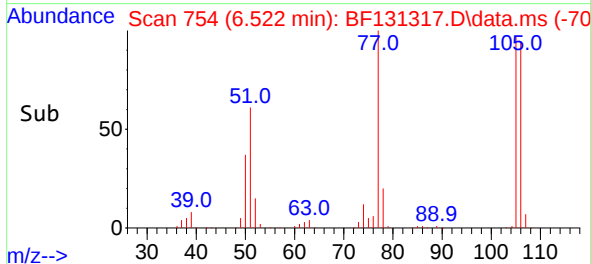
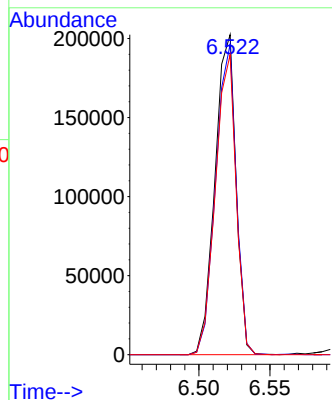
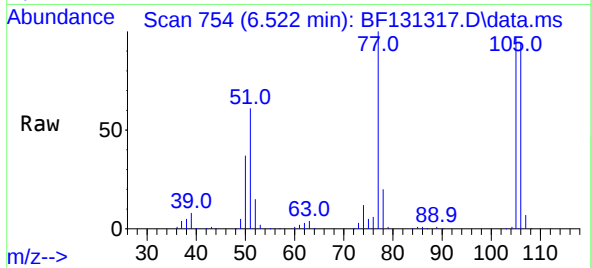
ClientSampleId :

ICVBF112122

Tgt Ion: 77 Resp: 20762
Ion Ratio Lower Upper
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106 93.8 68.1 108.1

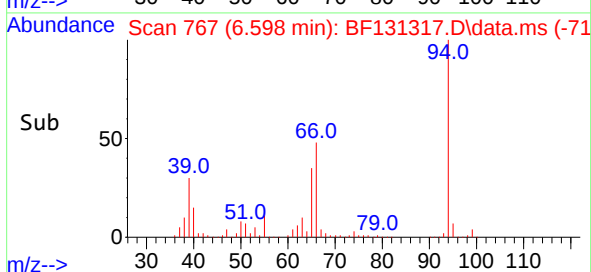
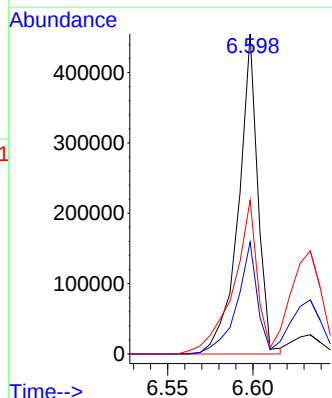
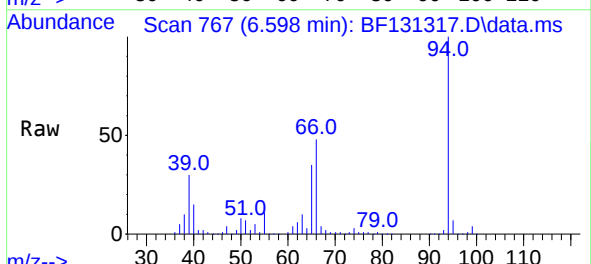
Manual Integrations
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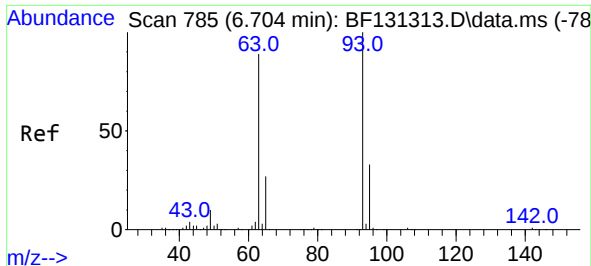
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#10
Phenol
Concen: 38.243 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion: 94 Resp: 358253
Ion Ratio Lower Upper
94 100
65 35.0 15.0 55.0
66 48.1 28.6 68.6





#11
bis(2-Chloroethyl)ether
Concen: 37.484 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

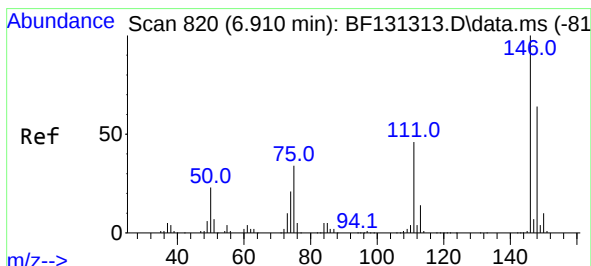
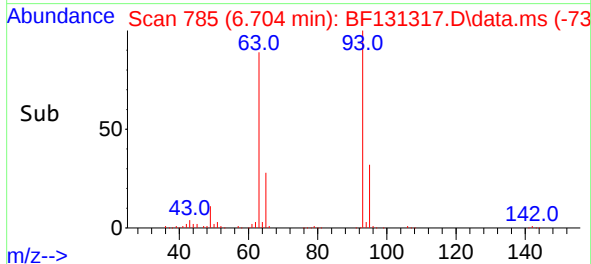
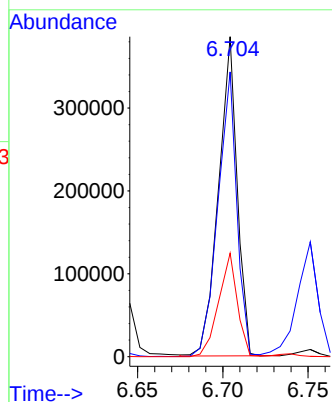
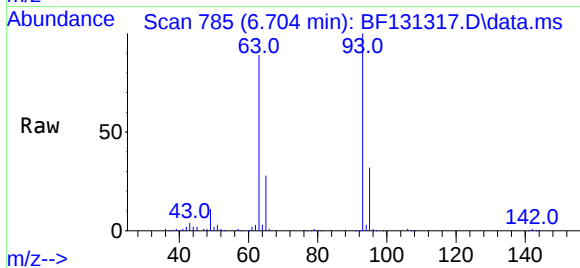
ClientSampleId :

ICVBF112122

Tgt Ion: 93 Resp: 29420
Ion Ratio Lower Upper
93 100
63 89.0 68.6 108.6
95 32.3 13.1 53.1

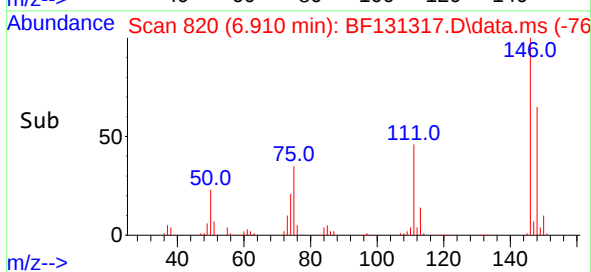
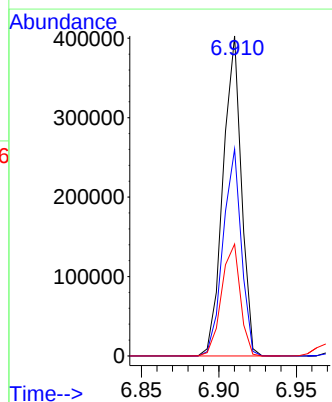
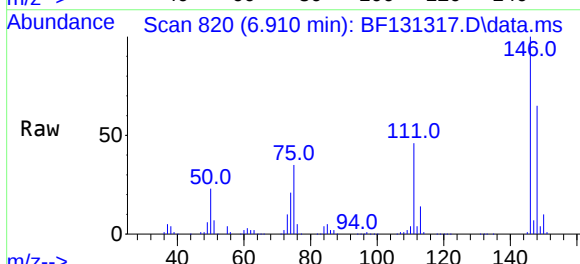
Manual Integrations
APPROVED

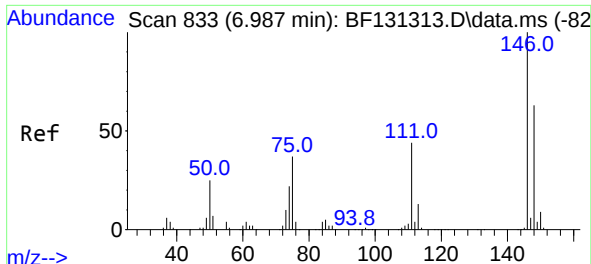
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#12
1,3-Dichlorobenzene
Concen: 37.104 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion:146 Resp: 331762
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 34.9 27.6 41.4





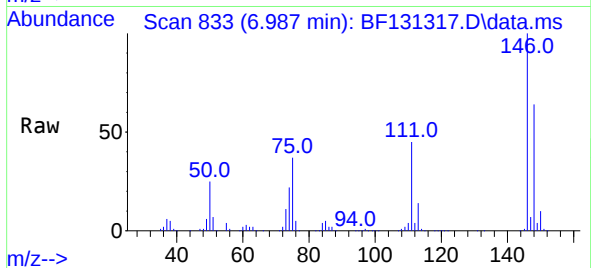
#13
1,4-Dichlorobenzene
Concen: 36.972 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

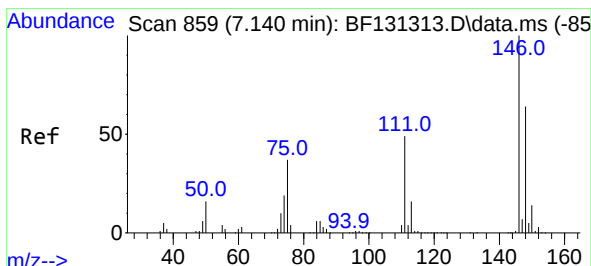
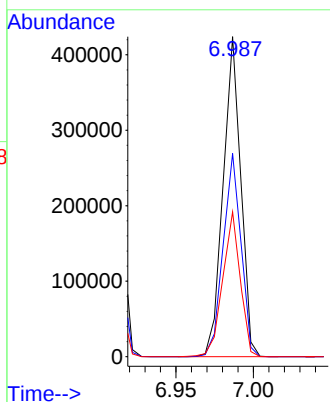
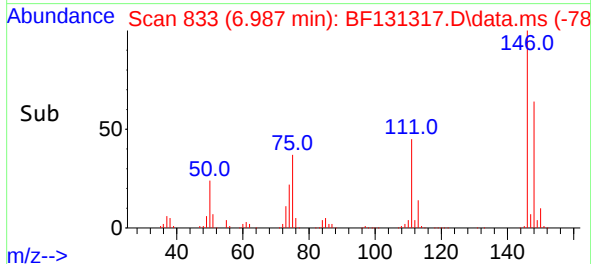


Tgt Ion:146 Resp: 335914
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 45.3 35.0 52.6

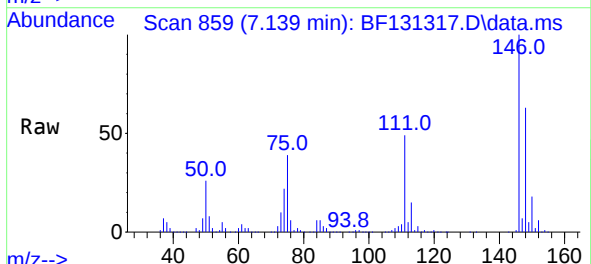
Manual Integrations

APPROVED

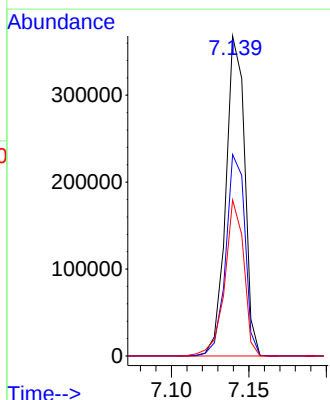
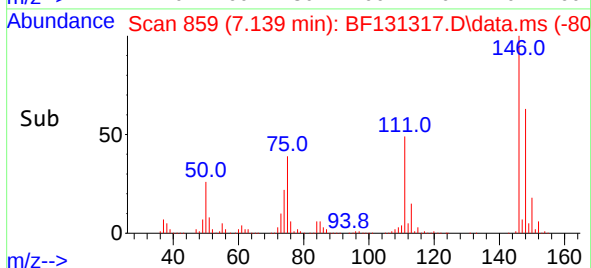
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

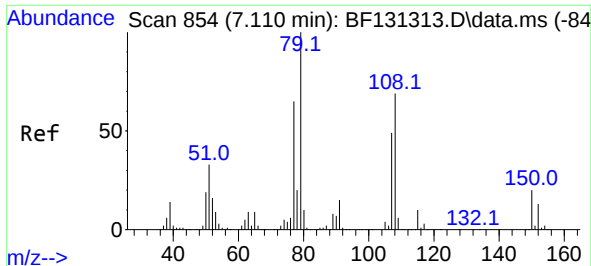


#14
1,2-Dichlorobenzene
Concen: 37.200 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:146 Resp: 311200
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.0
111 48.8 39.4 59.0





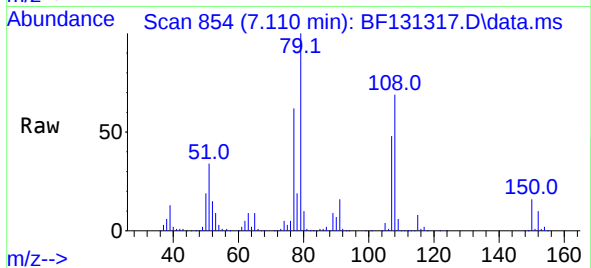
#15
Benzyl Alcohol
Concen: 40.968 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

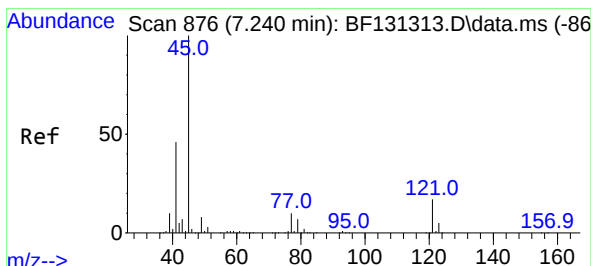
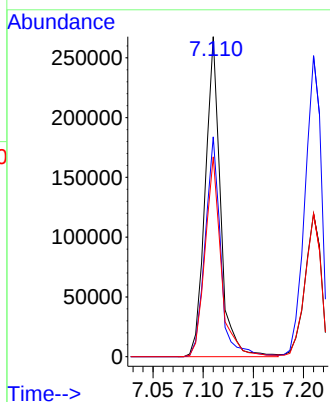
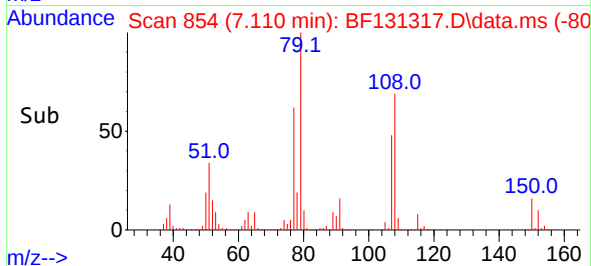


Tgt Ion: 79 Resp: 283820
Ion Ratio Lower Upper
79 100
108 68.7 55.1 82.7
77 62.4 51.8 77.8

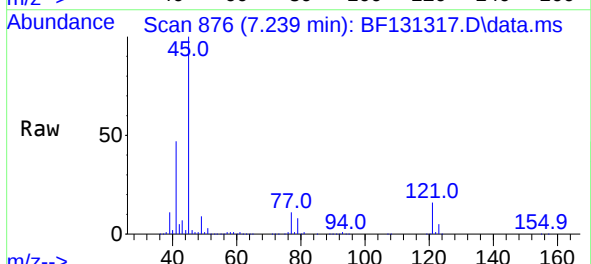
Manual Integrations

APPROVED

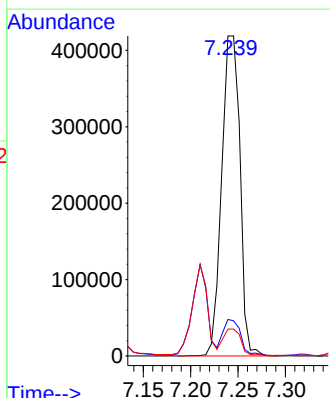
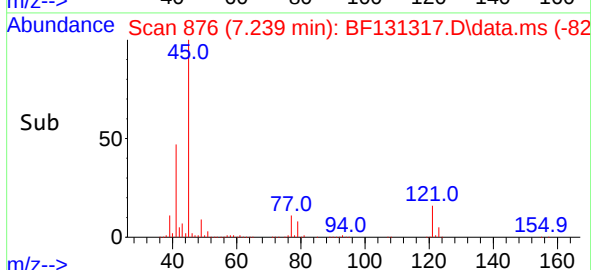
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

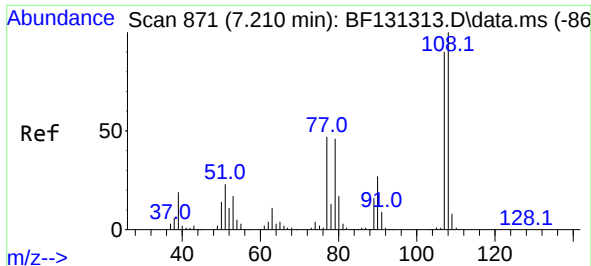


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.458 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion: 45 Resp: 562252
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.4 0.0 28.4





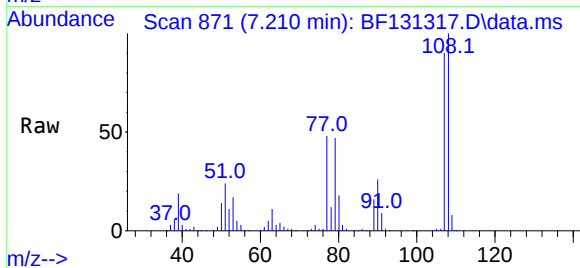
#17
2-Methylphenol
Concen: 39.509 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

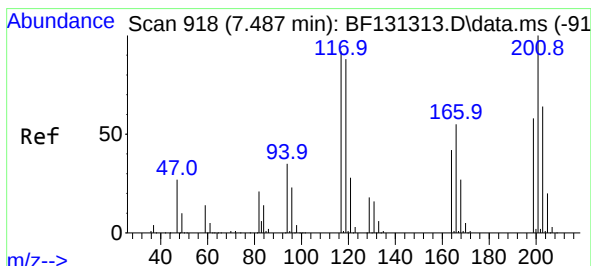
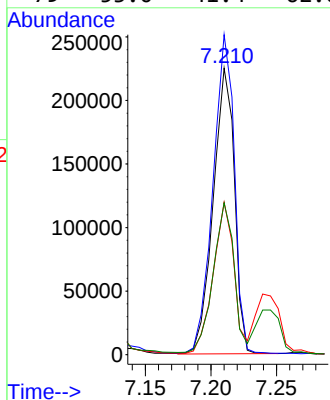
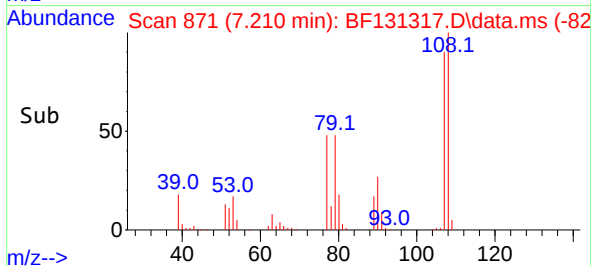


Tgt Ion:107 Resp: 25263
Ion Ratio Lower Upper
107 100
108 111.7 89.0 133.6
77 53.2 42.5 63.7
79 53.0 41.4 62.0

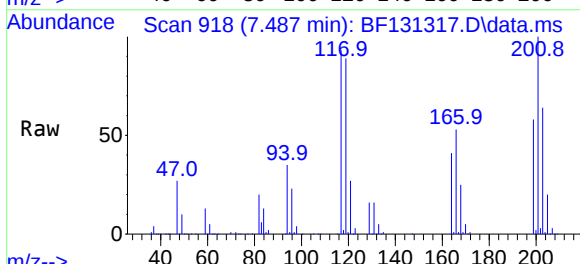
Manual Integrations

APPROVED

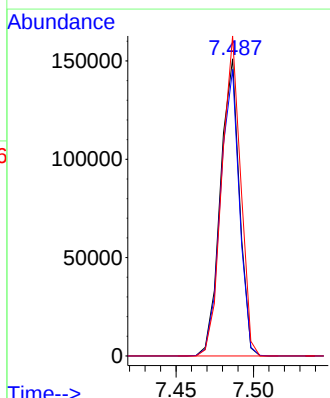
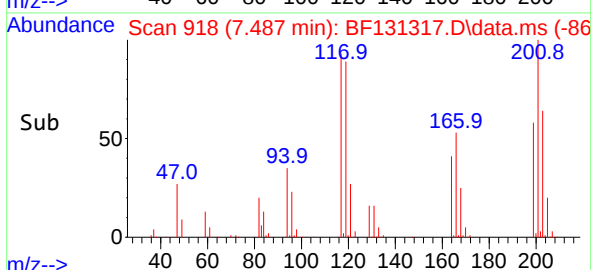
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

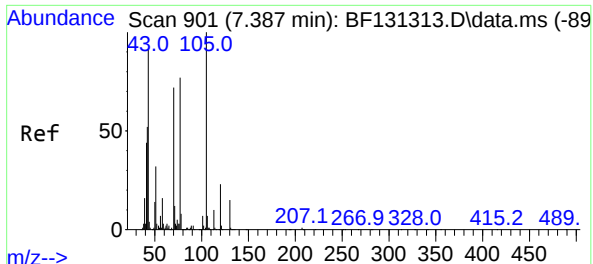


#18
Hexachloroethane
Concen: 39.695 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



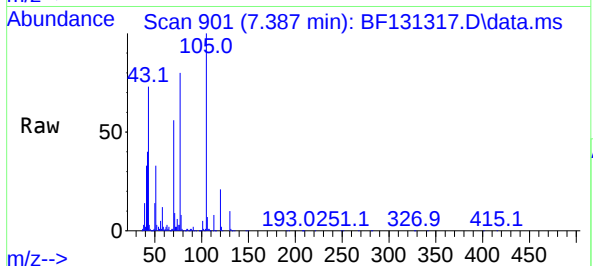
Tgt Ion:117 Resp: 129013
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0
201 107.7 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 37.945 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

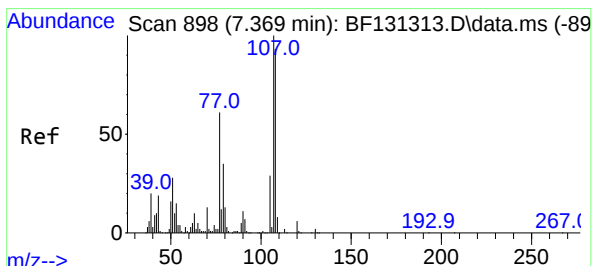
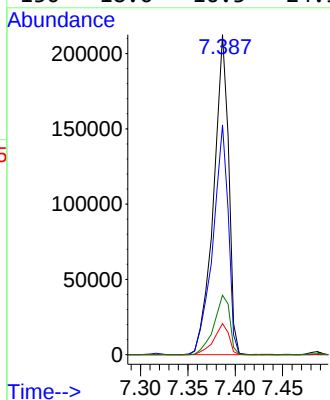
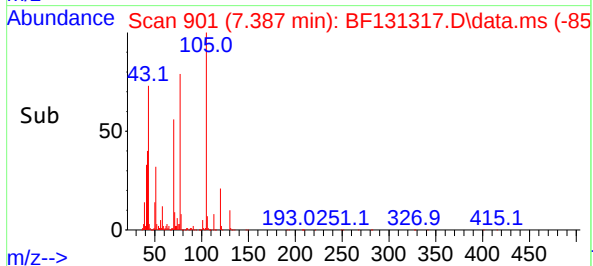
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



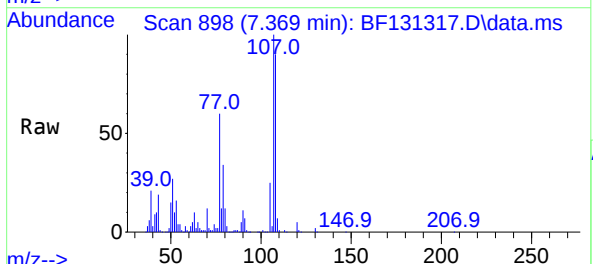
Tgt Ion: 70 Resp: 23470
Ion Ratio Lower Upper
70 100
42 71.8 57.6 86.4
101 9.7 8.2 12.2
130 18.6 16.3 24.5

Manual Integrations
APPROVED

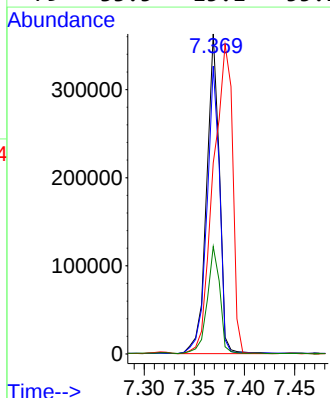
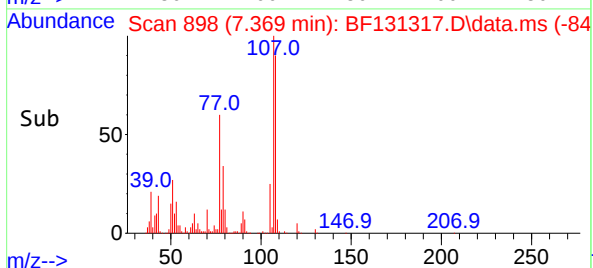
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

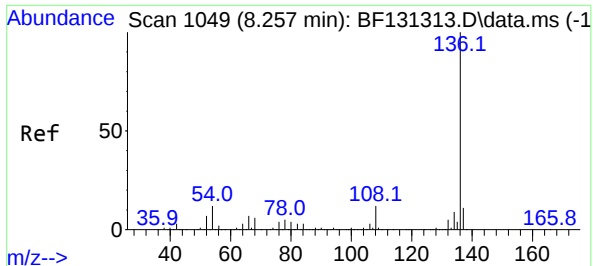


#20
3+4-Methylphenols
Concen: 39.351 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:107 Resp: 321281
Ion Ratio Lower Upper
107 100
108 89.9 72.6 112.6
77 59.7 41.4 81.4
79 33.5 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

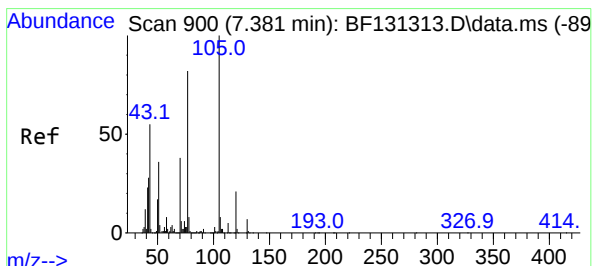
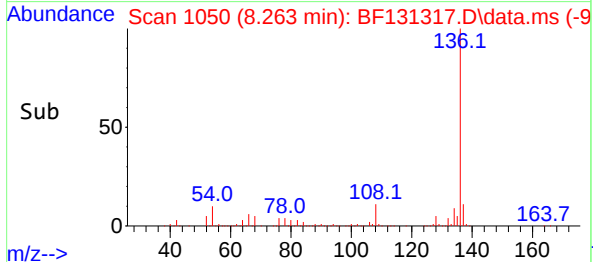
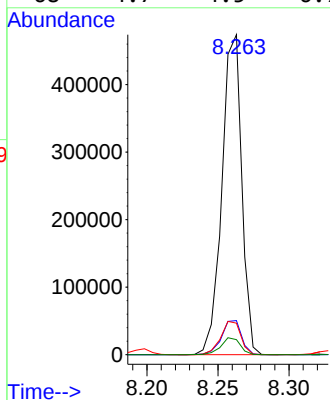
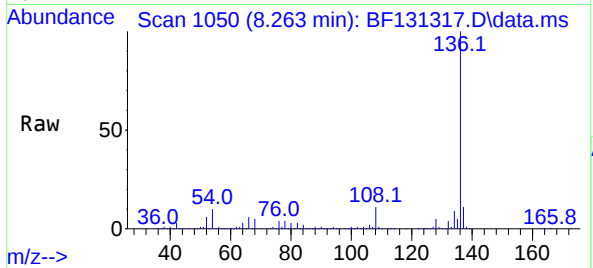
ICVBF112122

Tgt Ion:136 Resp: 459872
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.8 9.4 14.0
68 4.7 4.5 6.7

Manual Integrations

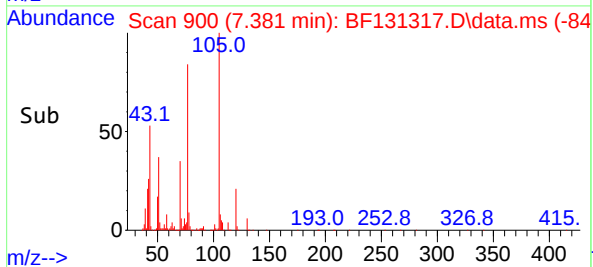
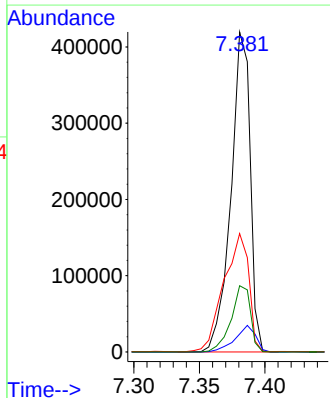
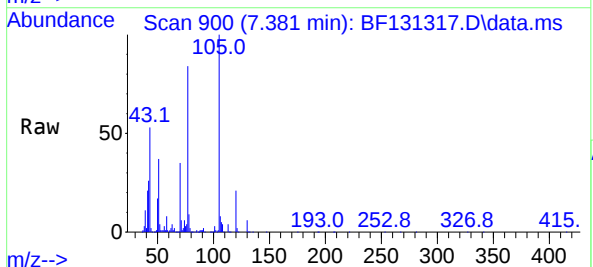
APPROVED

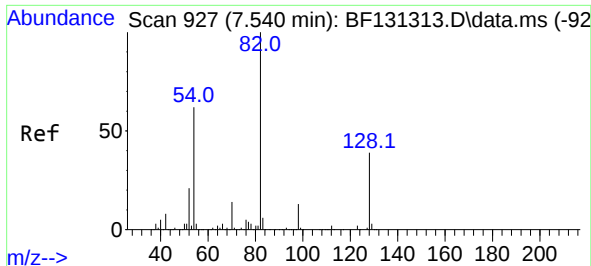
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#22
Acetophenone
Concen: 36.650 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion:105 Resp: 429016
Ion Ratio Lower Upper
105 100
71 5.6 4.9 7.3
51 37.0 29.0 43.4
120 20.7 16.9 25.3





#23
Nitrobenzene-d5
Concen: 76.308 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

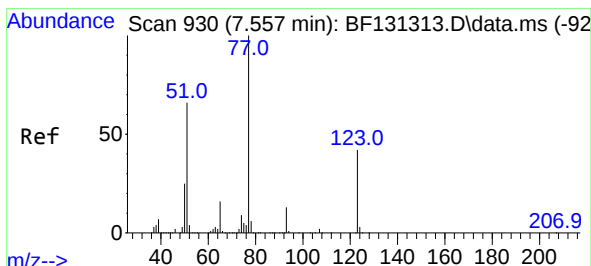
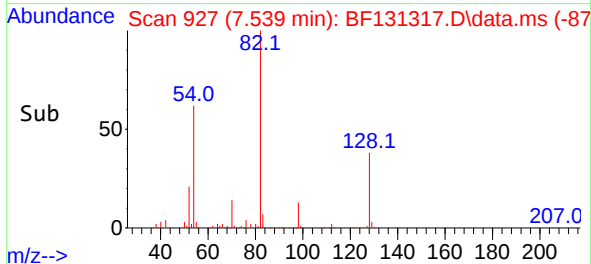
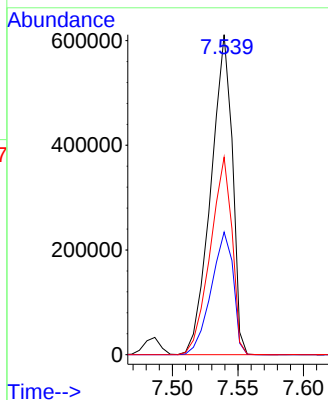
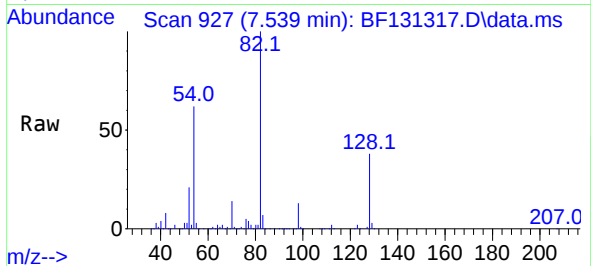
ClientSampleId :

ICVBF112122

Tgt Ion: 82 Resp: 69615
Ion Ratio Lower Upper
82 100
128 38.3 31.4 47.0
54 61.7 49.8 74.6

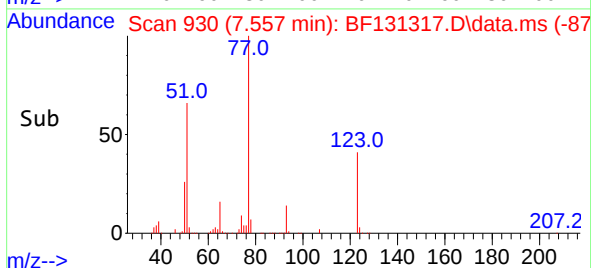
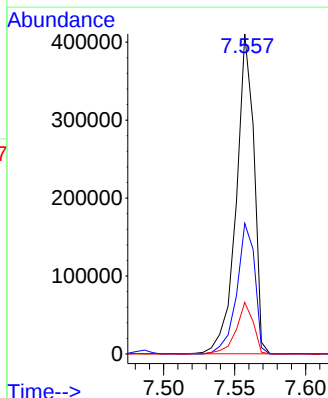
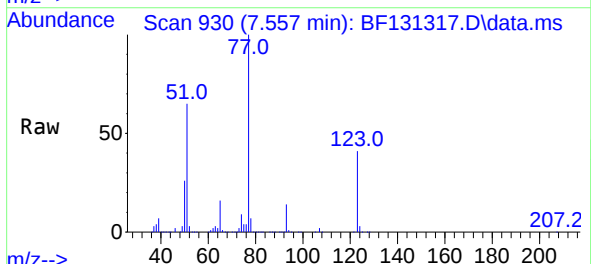
Manual Integrations
APPROVED

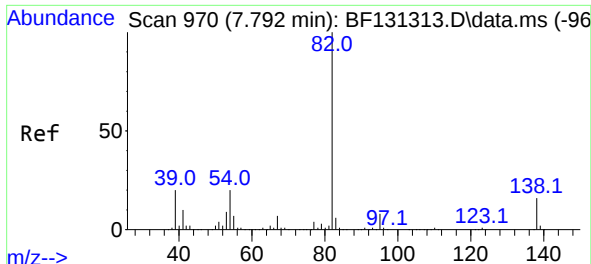
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#24
Nitrobenzene
Concen: 37.538 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

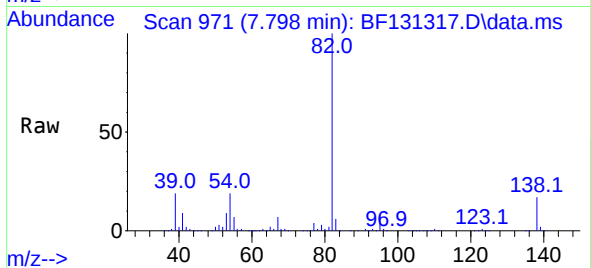
Tgt Ion: 77 Resp: 356803
Ion Ratio Lower Upper
77 100
123 40.8 33.3 49.9
65 16.1 12.7 19.1





#25
Isophorone
Concen: 37.580 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

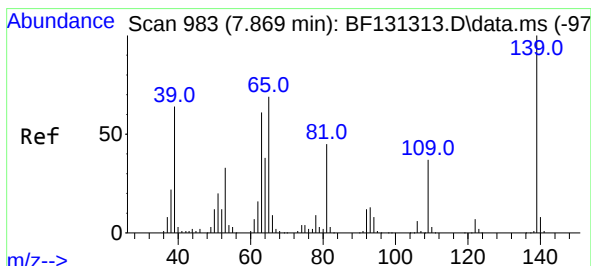
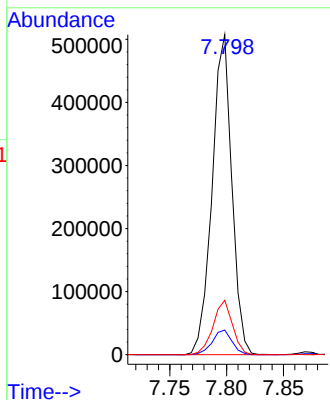
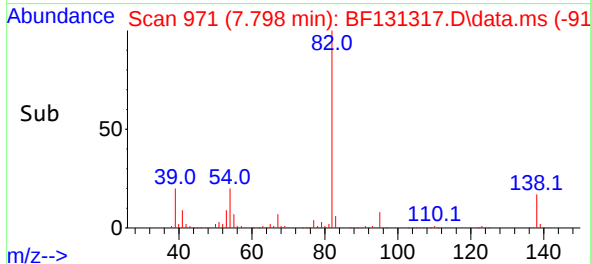
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



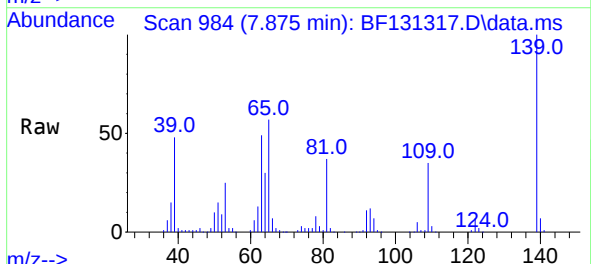
Tgt Ion: 82 Resp: 61165
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.0 12.7 19.1

Manual Integrations
APPROVED

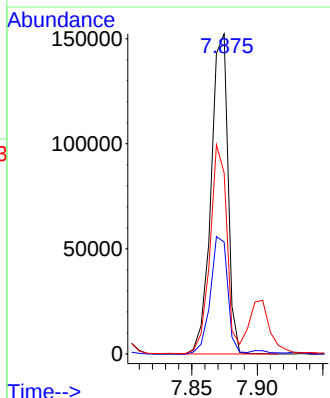
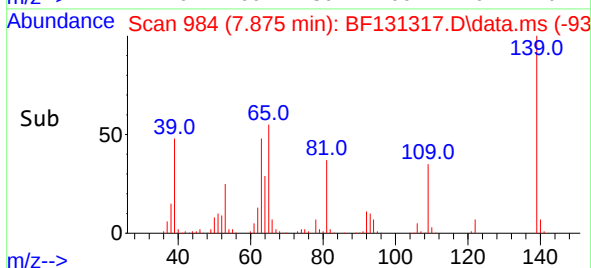
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

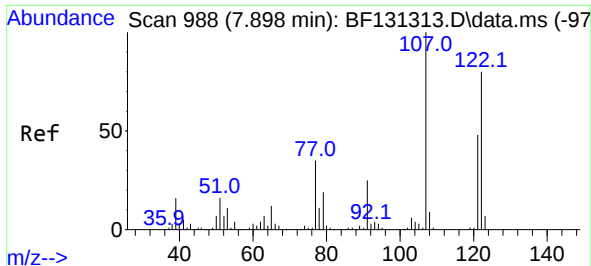


#26
2-Nitrophenol
Concen: 43.867 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:139 Resp: 136747
Ion Ratio Lower Upper
139 100
109 35.0 29.9 44.9
65 56.7 55.7 83.5





#27
2,4-Dimethylphenol
Concen: 39.288 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

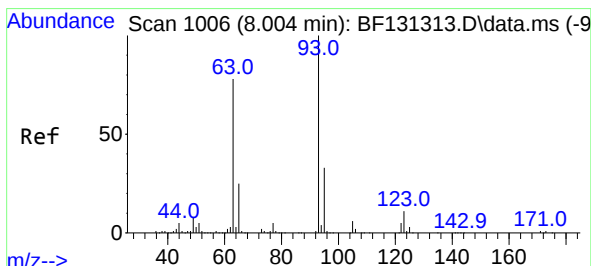
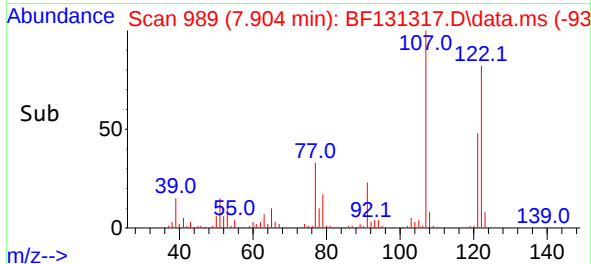
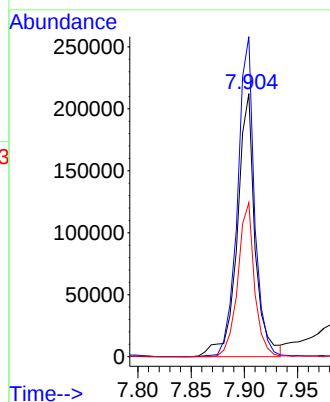
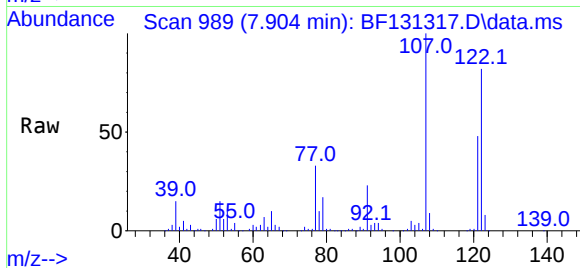
ICVBF112122

Tgt Ion:122 Resp: 247894
Ion Ratio Lower Upper
122 100
107 121.6 99.9 149.9
121 58.6 47.4 71.2

Manual Integrations

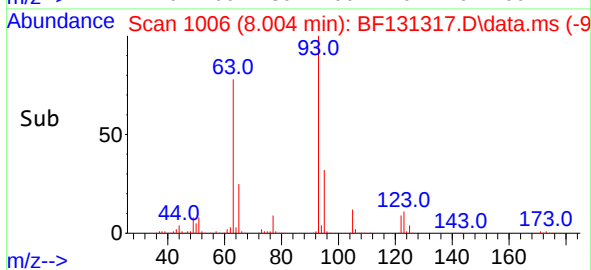
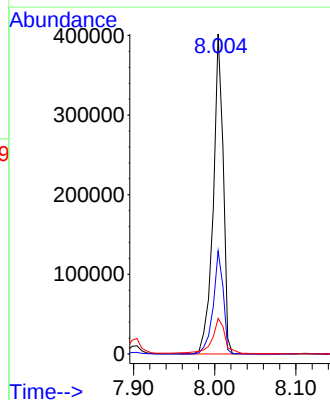
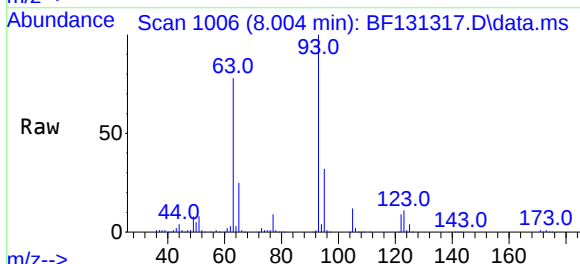
APPROVED

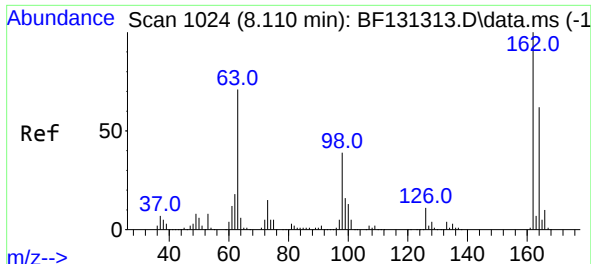
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 36.974 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion: 93 Resp: 341806
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 11.1 8.8 13.2





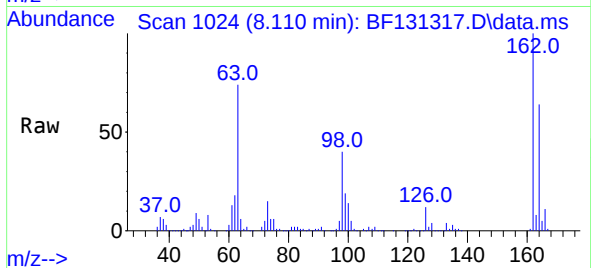
#29
2,4-Dichlorophenol
Concen: 39.096 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

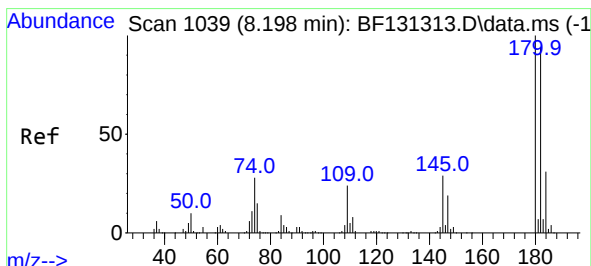
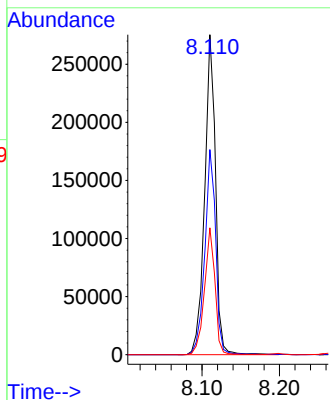
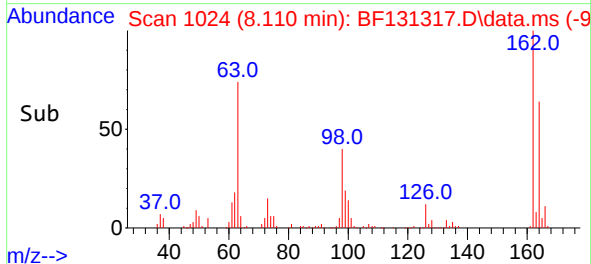


Tgt Ion:162 Resp: 267580
Ion Ratio Lower Upper
162 100
164 64.1 42.2 82.2
98 39.7 18.8 58.8

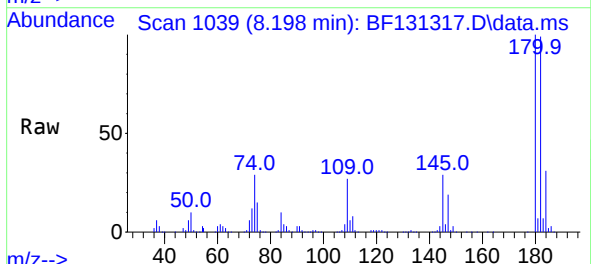
Manual Integrations

APPROVED

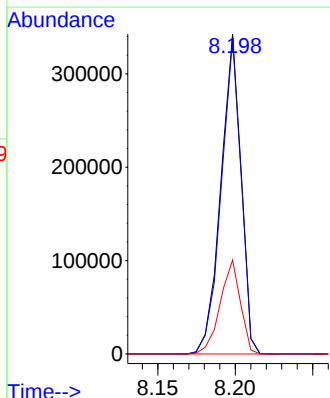
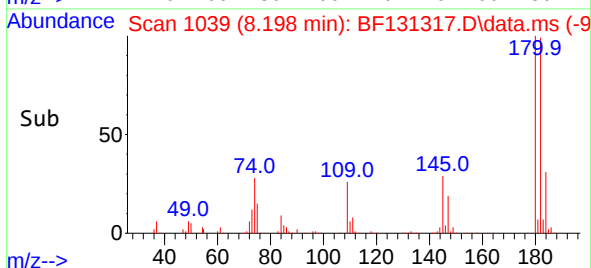
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

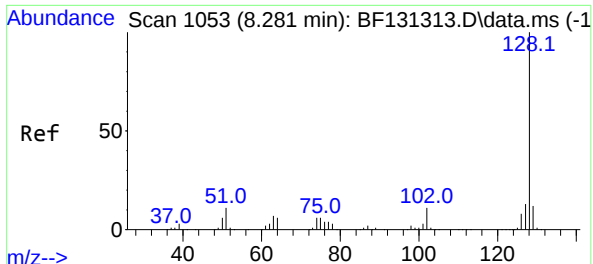


#30
1,2,4-Trichlorobenzene
Concen: 36.508 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:180 Resp: 309533
Ion Ratio Lower Upper
180 100
182 98.8 75.3 112.9
145 29.4 23.4 35.0





#31
Naphthalene
Concen: 36.575 ng
RT: 8.286 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

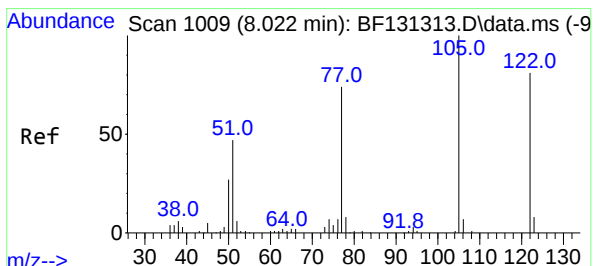
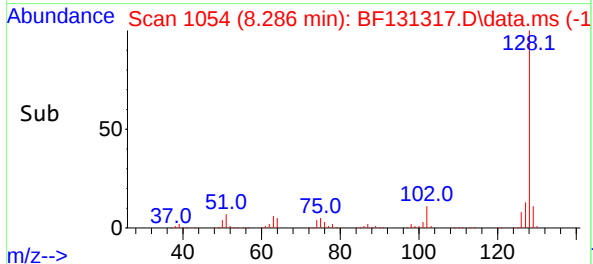
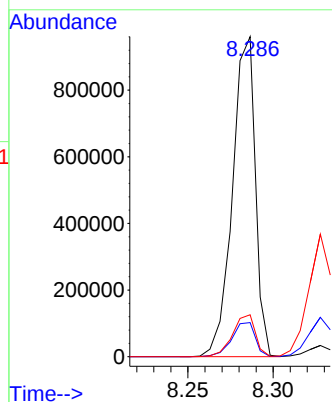
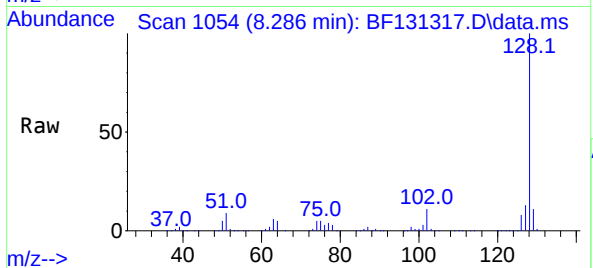
ICVBF112122

Tgt Ion:128 Resp: 896310
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 13.1 10.6 16.0

Manual Integrations

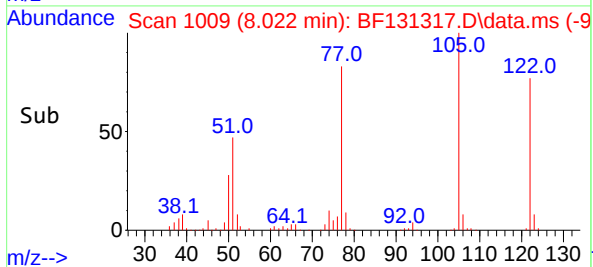
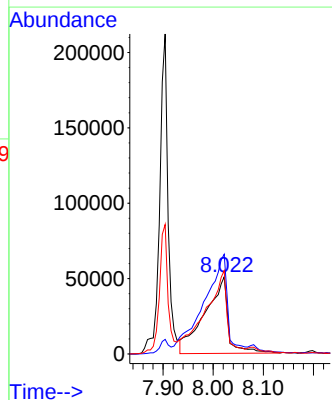
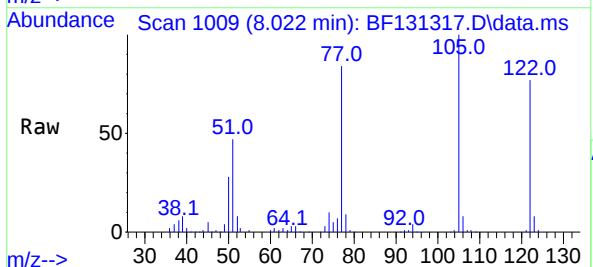
APPROVED

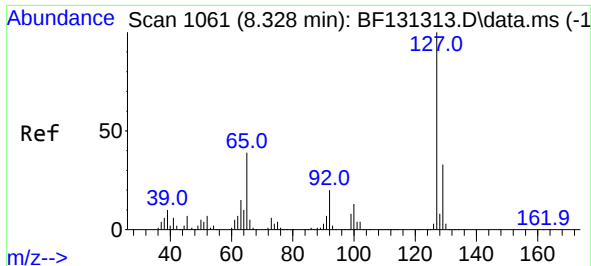
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#32
Benzoic acid
Concen: 43.574 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion:122 Resp: 165145
Ion Ratio Lower Upper
122 100
105 129.2 103.8 143.8
77 108.0 74.3 114.3





#33
4-Chloroaniline
Concen: 36.156 ng
RT: 8.328 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

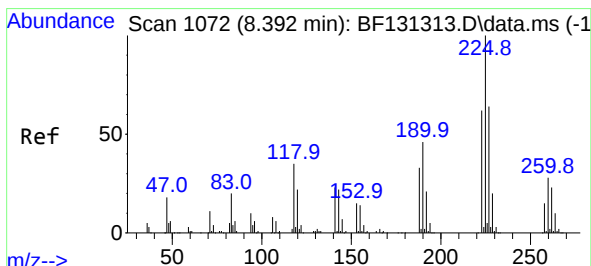
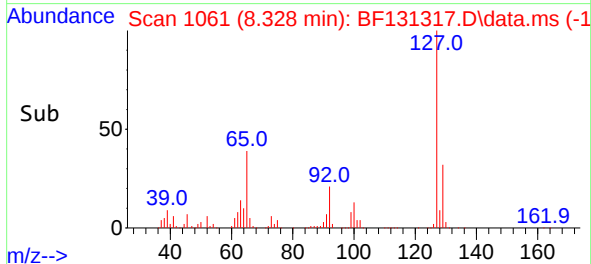
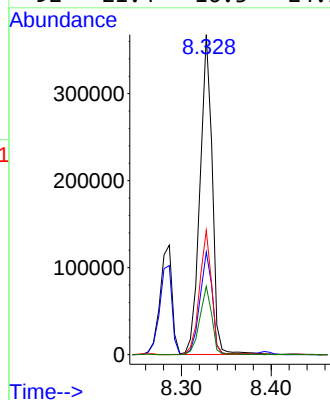
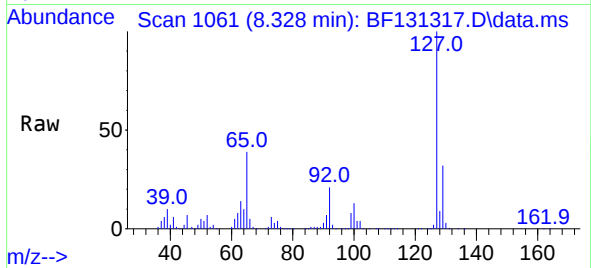
ICVBF112122

Tgt Ion:127 Resp: 349550
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 38.9 31.0 46.6
92 21.4 16.3 24.5

Manual Integrations

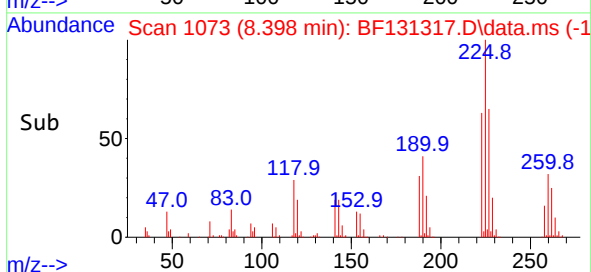
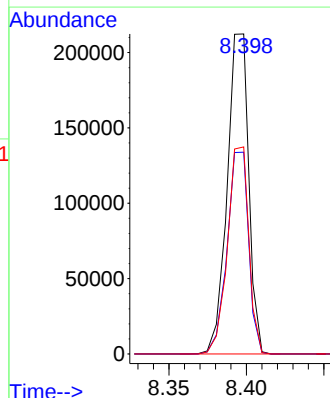
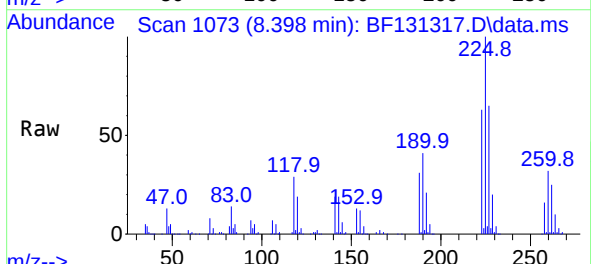
APPROVED

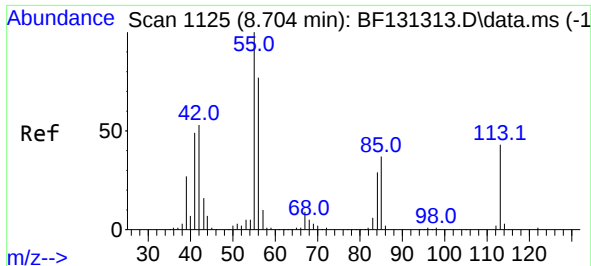
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#34
Hexachlorobutadiene
Concen: 37.397 ng
RT: 8.398 min Scan# 1073
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

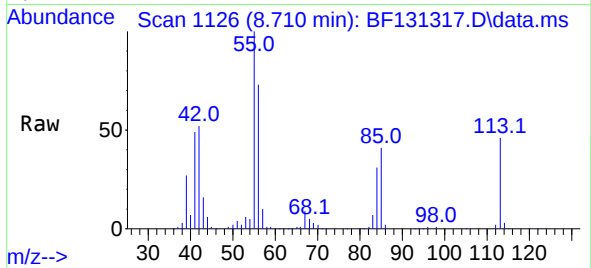
Tgt Ion:225 Resp: 205317
Ion Ratio Lower Upper
225 100
223 63.1 49.4 74.0
227 64.7 51.1 76.7





#35
Caprolactam
Concen: 41.567 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

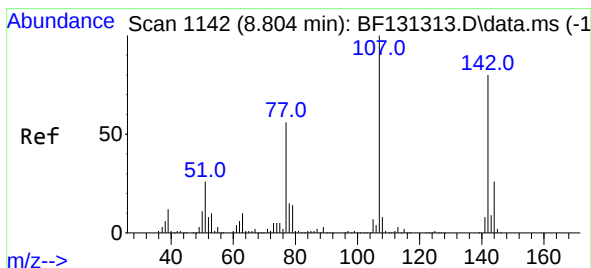
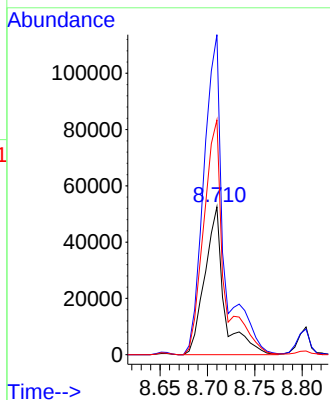
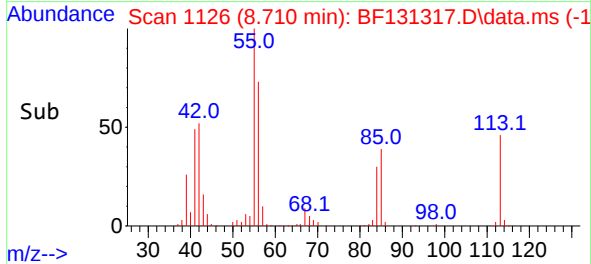
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



Tgt Ion:113 Resp: 7475
Ion Ratio Lower Upper
113 100
55 216.5 214.5 254.5
56 158.8 159.4 199.4

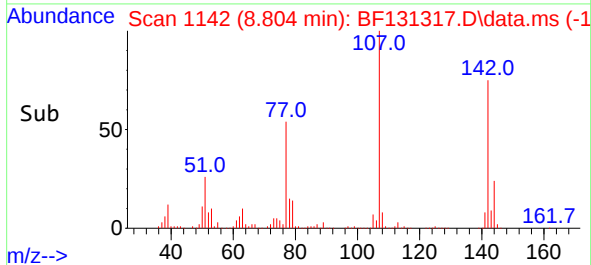
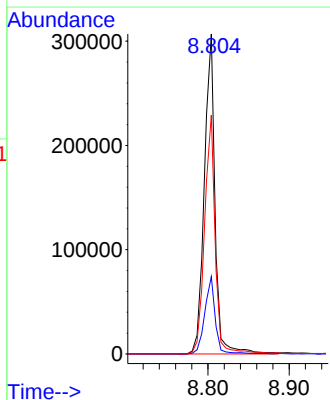
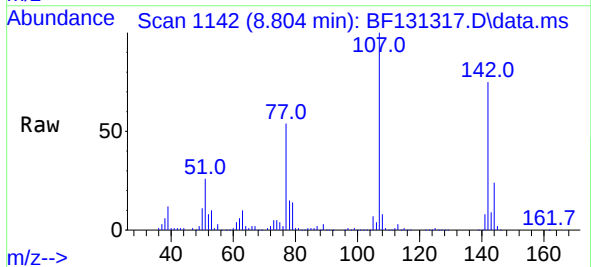
Manual Integrations
APPROVED

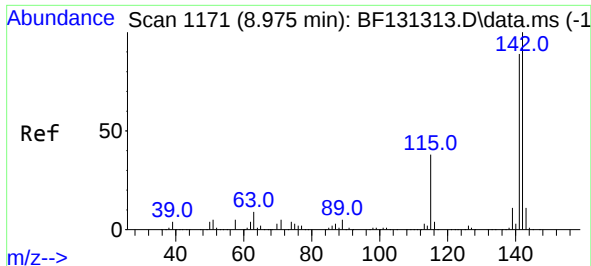
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#36
4-Chloro-3-methylphenol
Concen: 39.549 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion:107 Resp: 281218
Ion Ratio Lower Upper
107 100
144 24.1 20.9 31.3
142 74.7 63.9 95.9





#37

2-Methylnaphthalene

Concen: 36.556 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF131317.D

Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

Tgt Ion:142 Resp: 60699

Ion Ratio Lower Upper

142 100

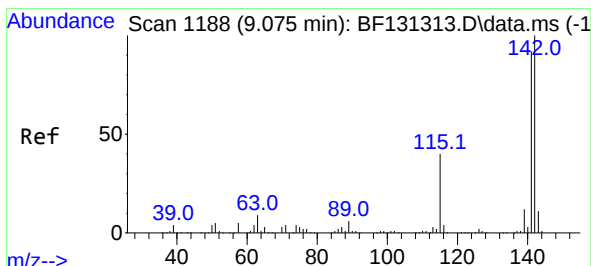
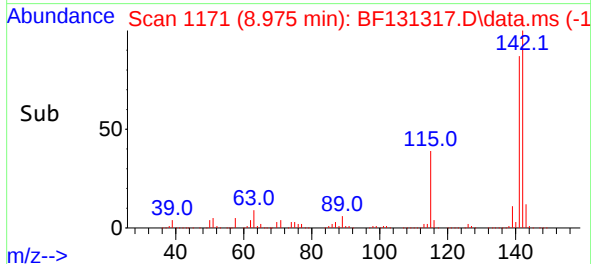
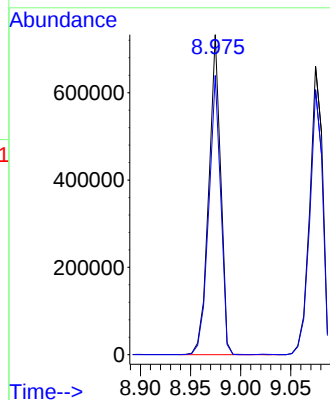
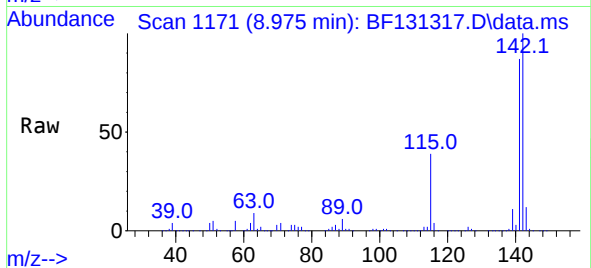
141 87.3 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#38

1-Methylnaphthalene

Concen: 36.338 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF131317.D

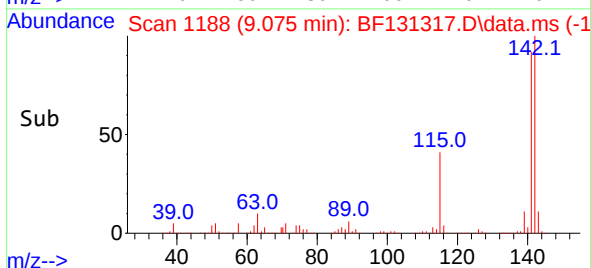
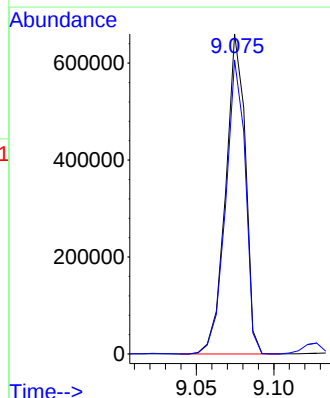
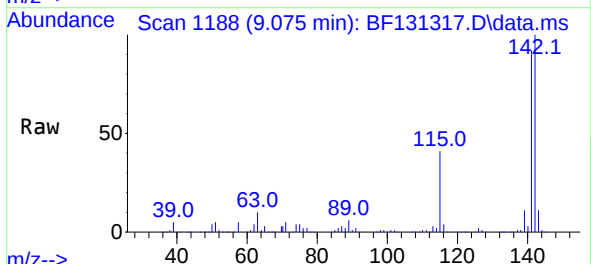
Acq: 21 Nov 2022 15:31

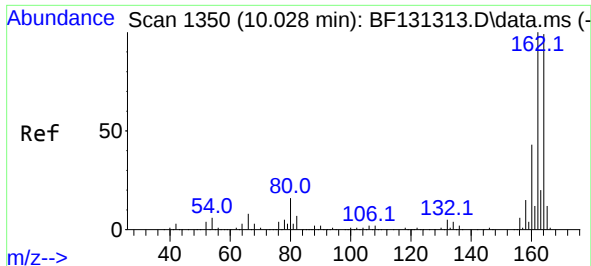
Tgt Ion:142 Resp: 585092

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.0





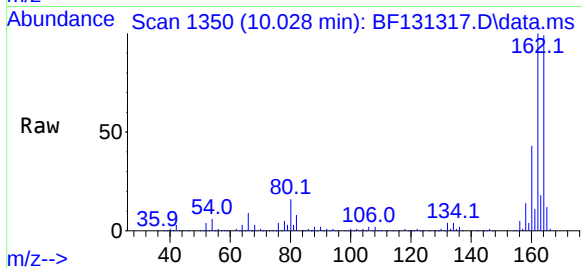
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

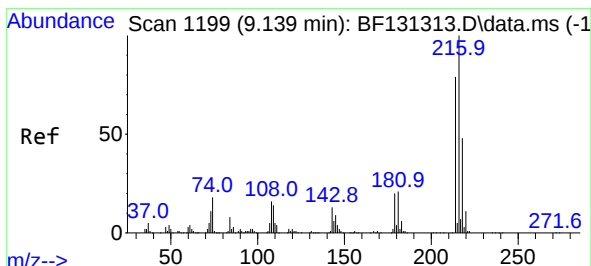
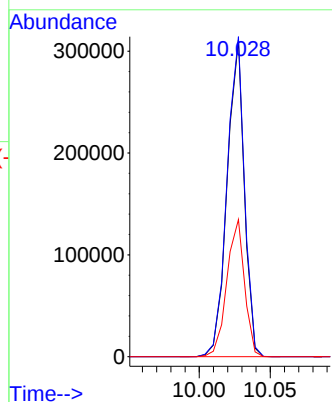
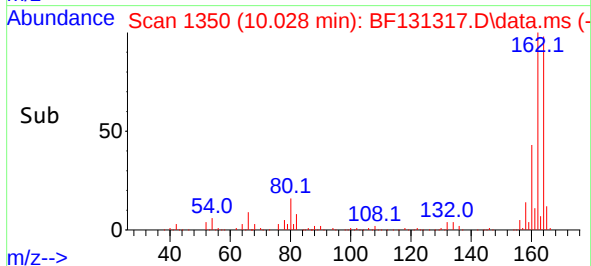


Tgt Ion:164 Resp: 261029
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 43.3 34.4 51.6

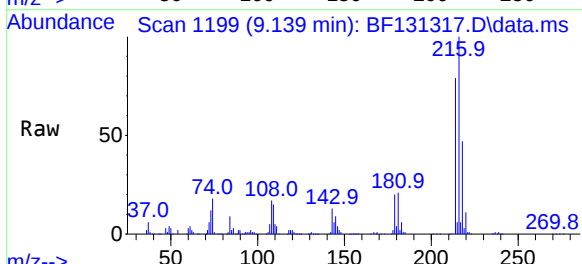
Manual Integrations

APPROVED

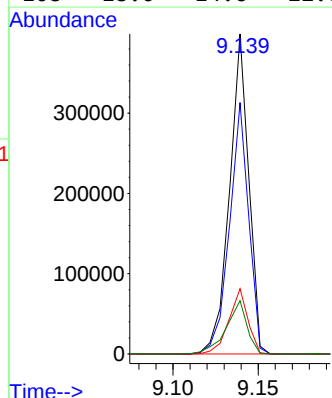
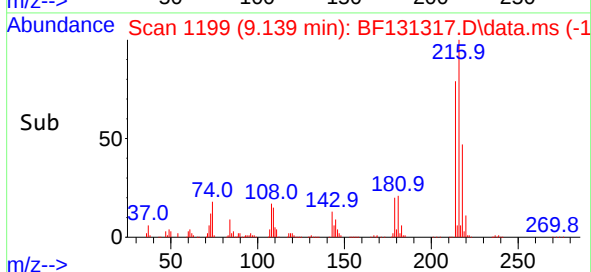
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

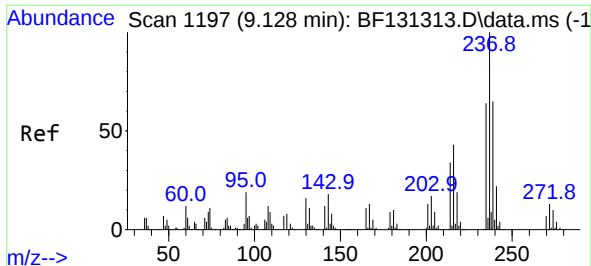


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.003 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



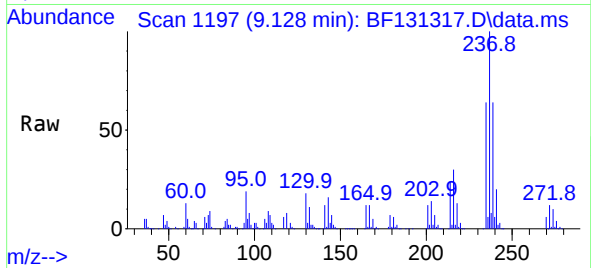
Tgt Ion:216 Resp: 313441
Ion Ratio Lower Upper
216 100
214 78.3 63.1 94.7
179 20.2 16.2 24.4
108 18.0 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 40.444 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

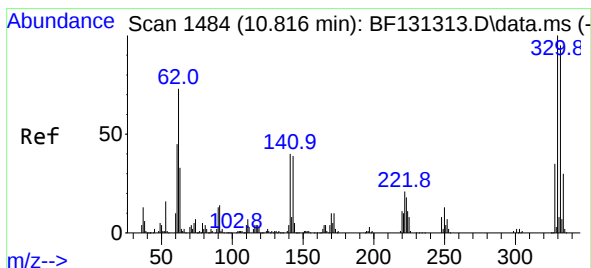
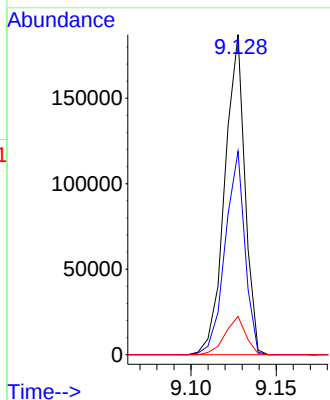
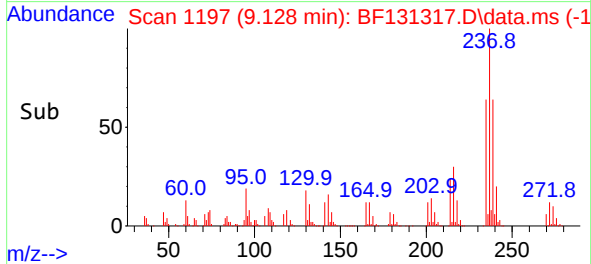
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



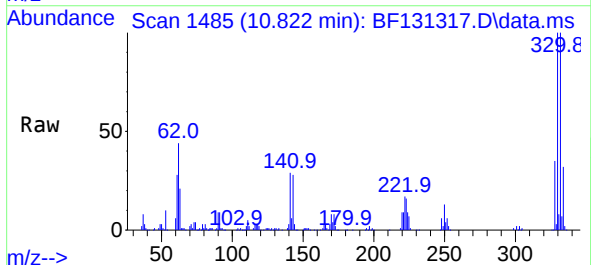
Tgt Ion:237 Resp: 154008
Ion Ratio Lower Upper
237 100
235 63.5 44.2 84.2
272 11.9 0.0 33.4

Manual Integrations
APPROVED

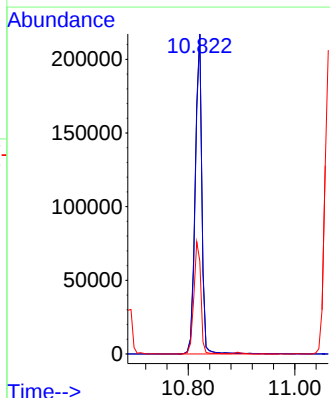
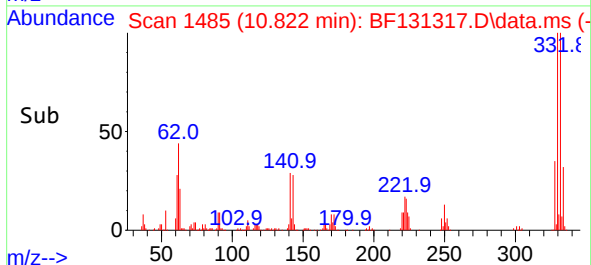
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

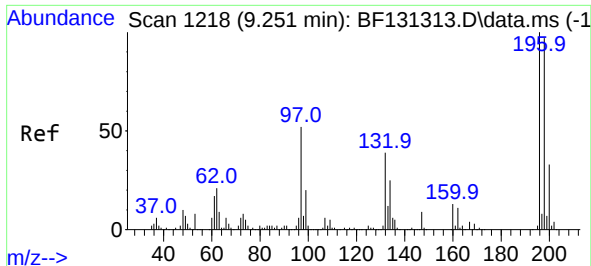


#42
2,4,6-Tribromophenol
Concen: 85.991 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:330 Resp: 188842
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 36.5 29.3 43.9





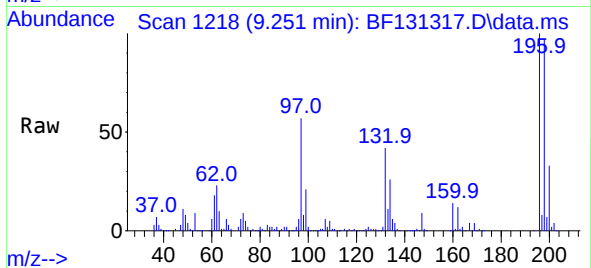
#43
2,4,6-Trichlorophenol
Concen: 41.616 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

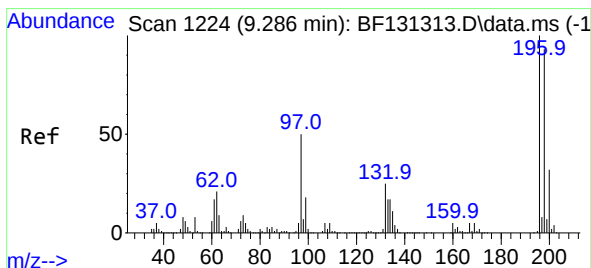
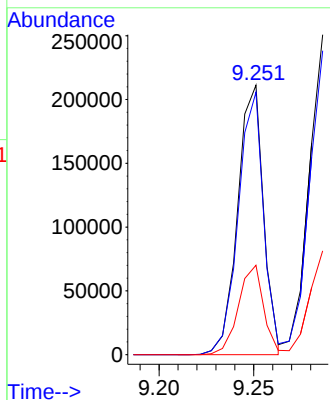
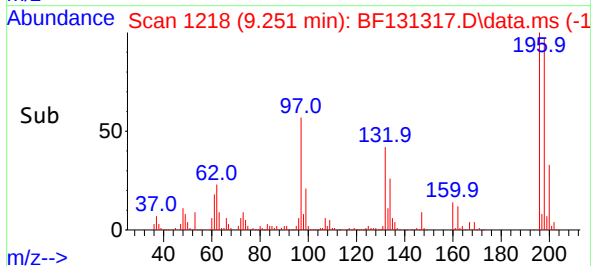


Tgt Ion:196 Resp: 199977
Ion Ratio Lower Upper
196 100
198 97.4 77.4 116.0
200 33.2 26.3 39.5

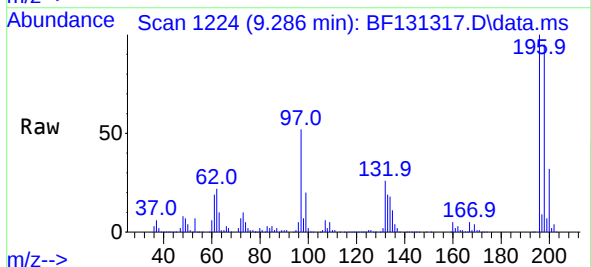
Manual Integrations

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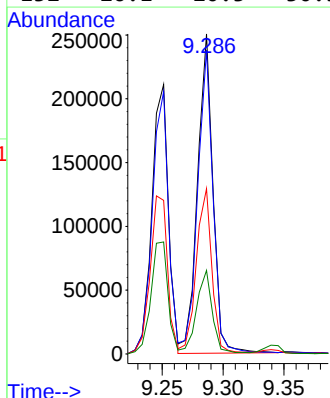
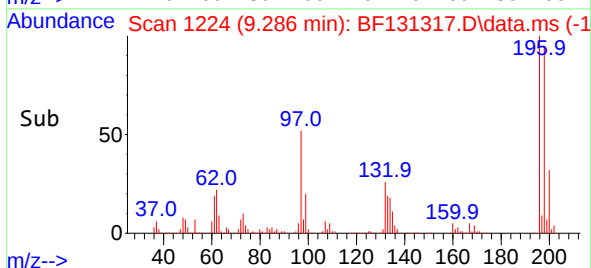
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

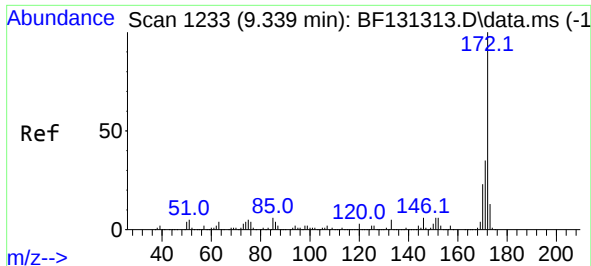


#44
2,4,5-Trichlorophenol
Concen: 40.621 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:196 Resp: 219499
Ion Ratio Lower Upper
196 100
198 95.0 75.0 112.4
97 51.7 40.3 60.5
132 26.1 20.3 30.5





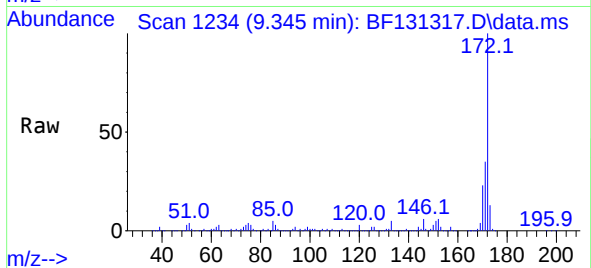
#45
2-Fluorobiphenyl
Concen: 71.762 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

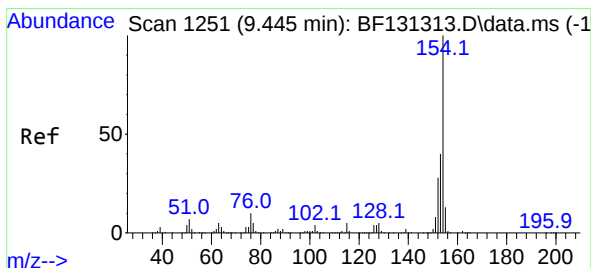
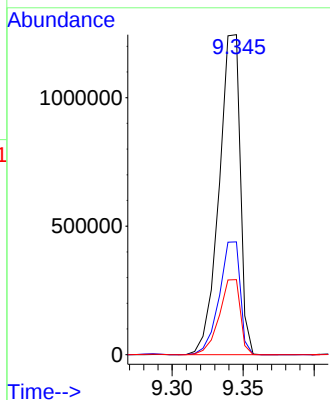
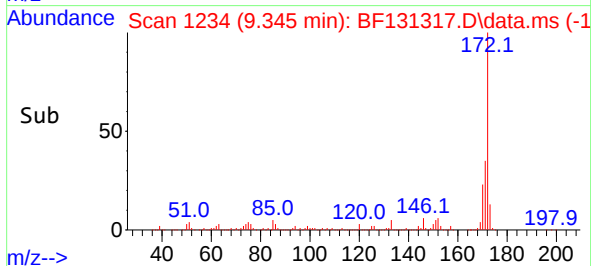


Tgt Ion:172 Resp: 1287570
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.7 28.1

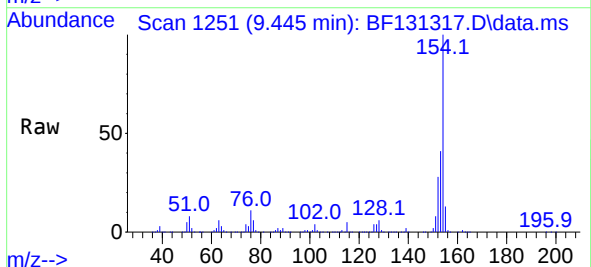
Manual Integrations

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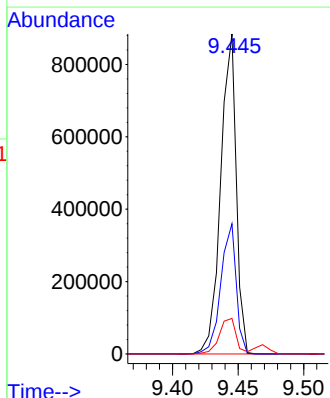
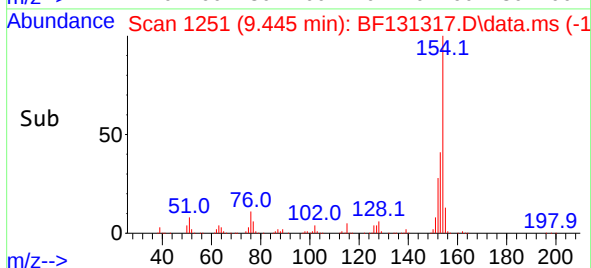
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

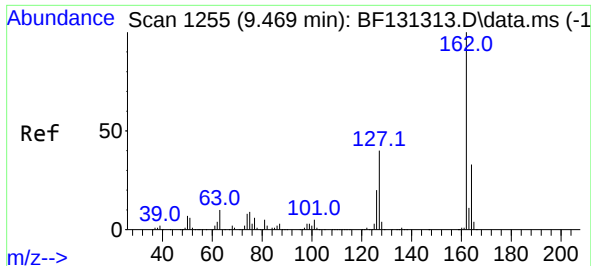


#46
1,1'-Biphenyl
Concen: 36.447 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:154 Resp: 726008
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 11.1 0.0 30.2





#47
2-Chloronaphthalene
Concen: 36.732 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

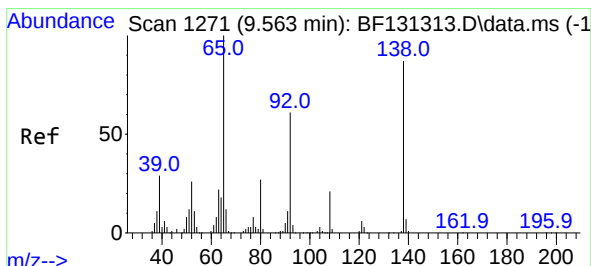
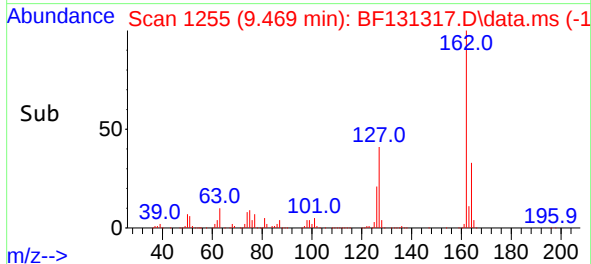
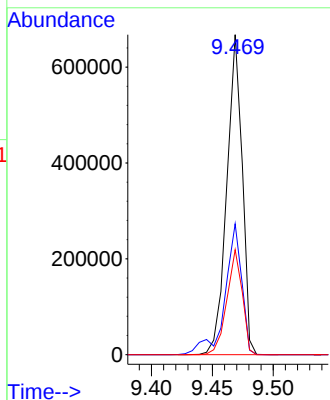
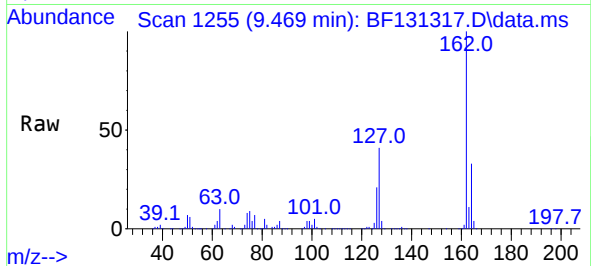
ClientSampleId :

ICVBF112122

Tgt Ion:162 Resp: 586962
Ion Ratio Lower Upper
162 100
127 40.9 32.1 48.1
164 32.8 26.6 39.8

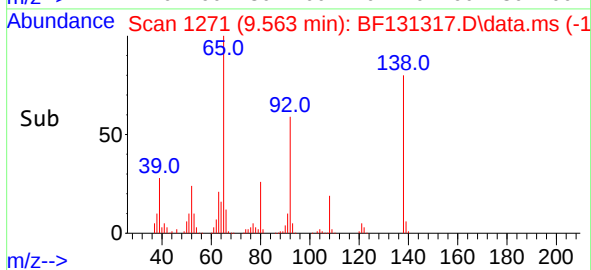
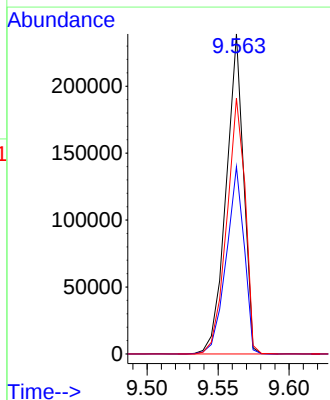
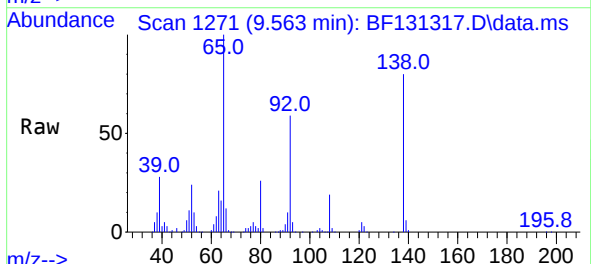
Manual Integrations
APPROVED

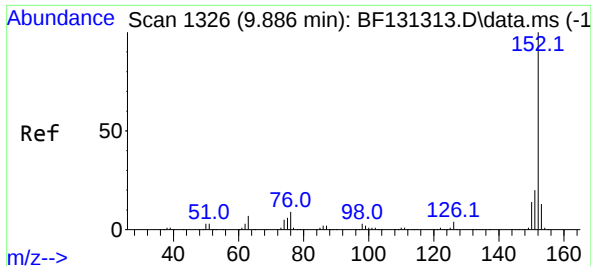
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#48
2-Nitroaniline
Concen: 41.997 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion: 65 Resp: 203760
Ion Ratio Lower Upper
65 100
92 58.5 49.0 73.4
138 80.0 69.4 104.2





#49

Acenaphthylene

Concen: 36.578 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.000 min

Lab File: BF131317.D

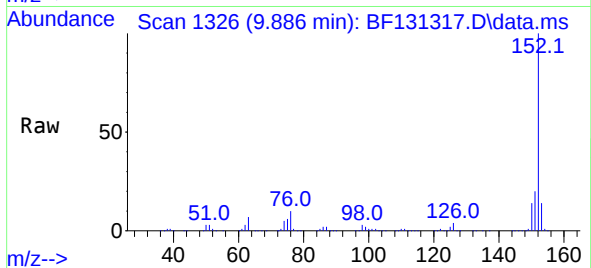
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122



Tgt Ion:152 Resp: 891009

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

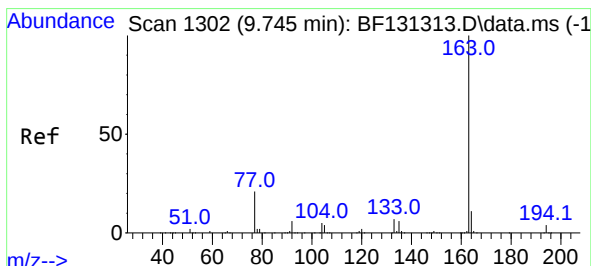
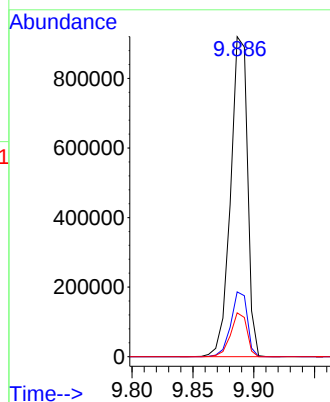
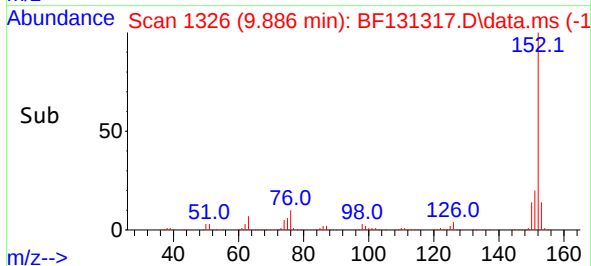
153 13.7 10.6 15.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/22/2022



#50

Dimethylphthalate

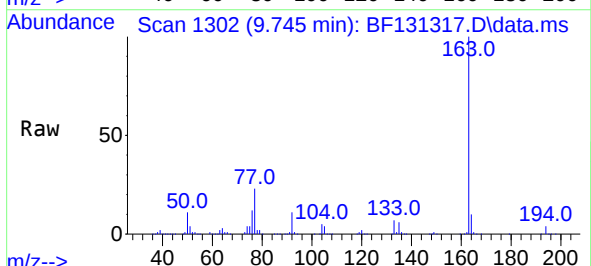
Concen: 37.870 ng

RT: 9.745 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF131317.D

Acq: 21 Nov 2022 15:31



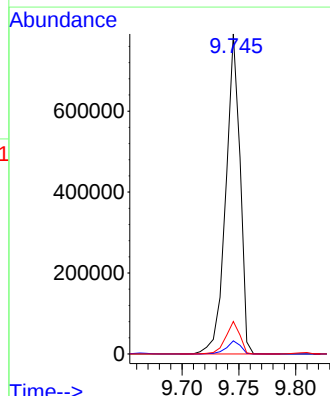
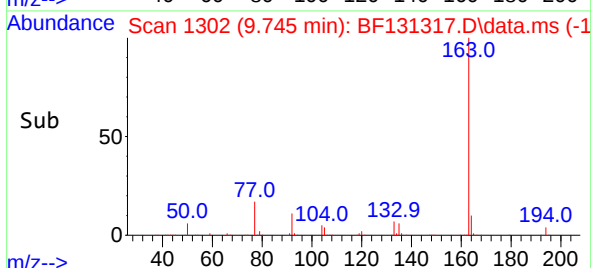
Tgt Ion:163 Resp: 688735

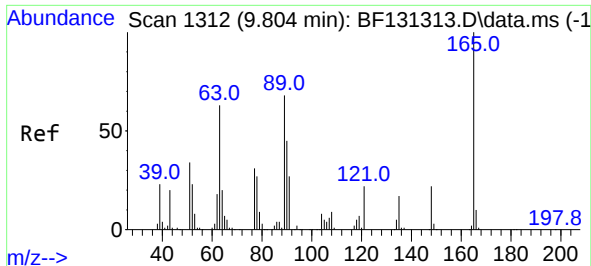
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

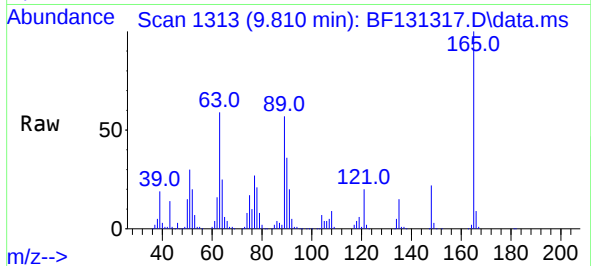
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.039 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

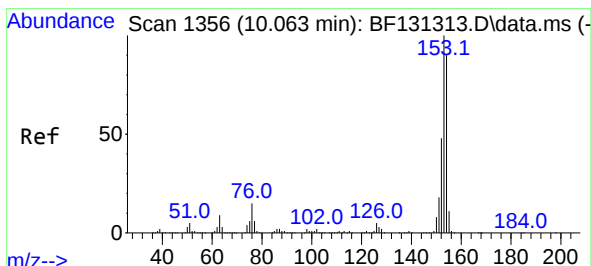
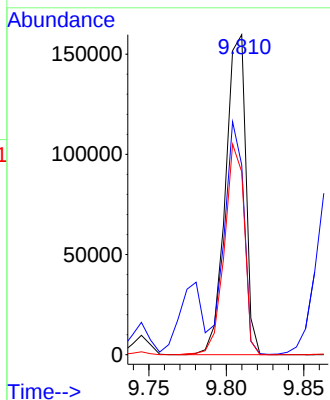
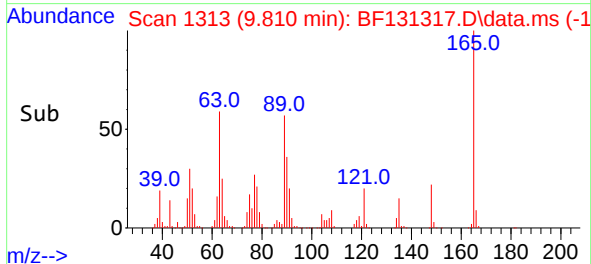
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



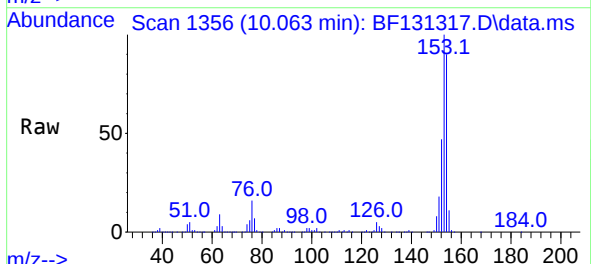
Tgt Ion:165 Resp: 145620
Ion Ratio Lower Upper
165 100
63 59.3 62.0 93.0
89 57.1 54.4 81.6

Manual Integrations
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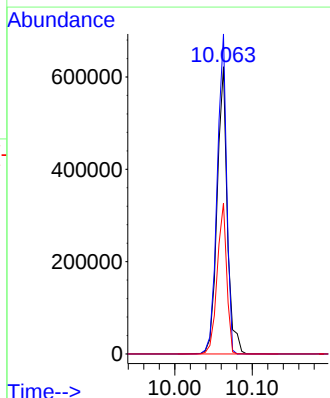
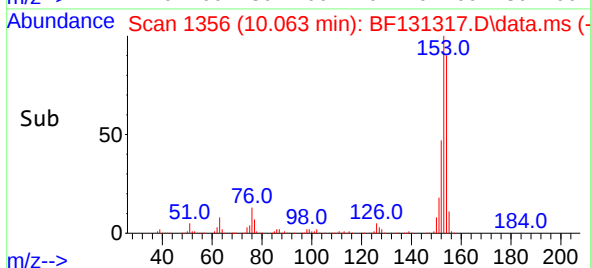
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

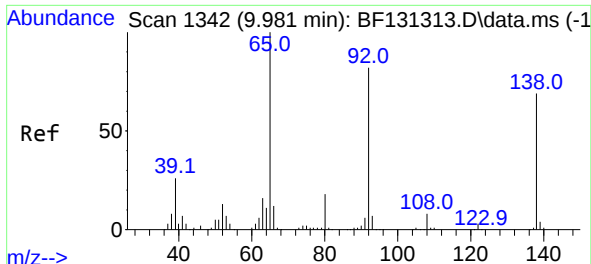


#52
Acenaphthene
Concen: 37.234 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:154 Resp: 567942
Ion Ratio Lower Upper
154 100
153 111.4 88.4 132.6
152 52.5 42.8 64.2





#53
3-Nitroaniline
Concen: 38.921 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

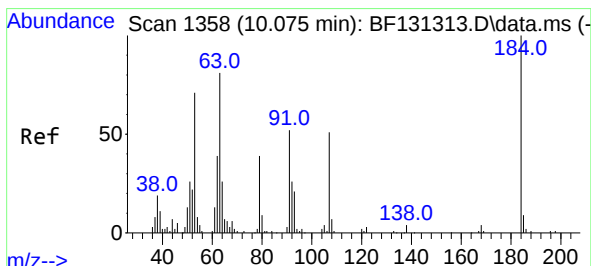
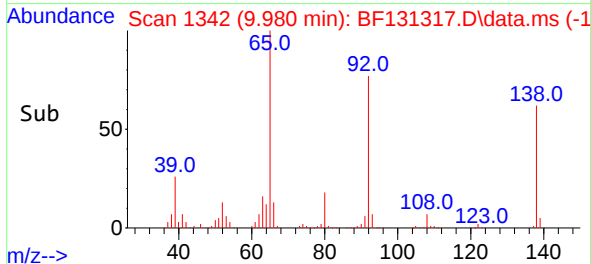
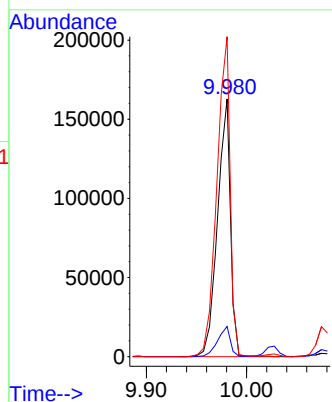
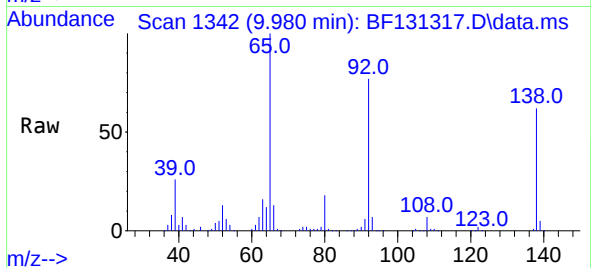
ICVBF112122

Tgt Ion:138 Resp: 145462
Ion Ratio Lower Upper
138 100
108 11.7 8.9 13.3
92 124.2 95.3 142.9

Manual Integrations

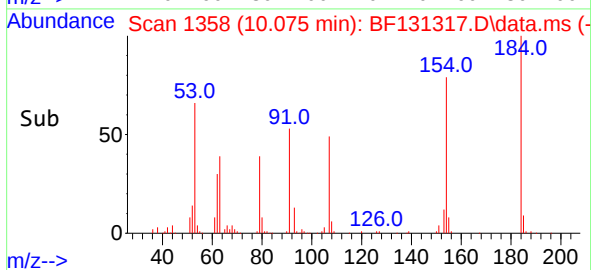
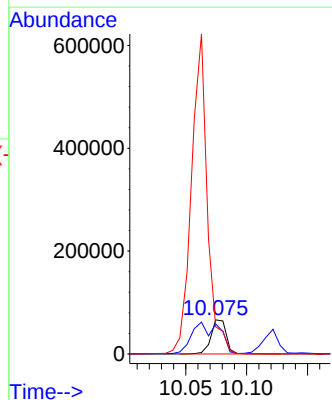
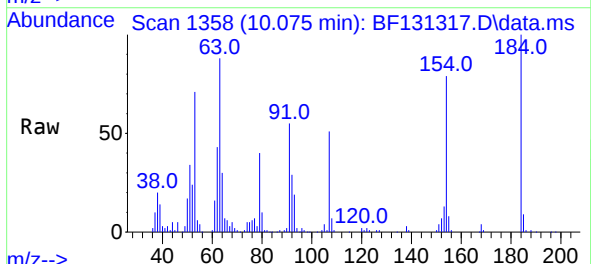
APPROVED

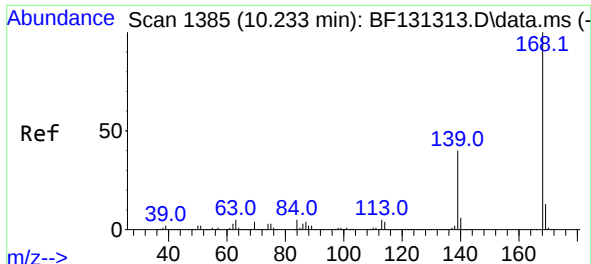
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#54
2,4-Dinitrophenol
Concen: 44.423 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

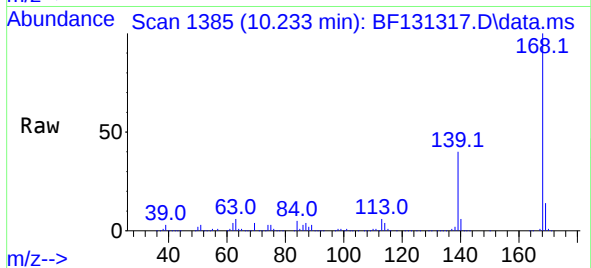
Tgt Ion:184 Resp: 57725
Ion Ratio Lower Upper
184 100
63 87.9 72.1 108.1
154 79.1 56.3 84.5





#55
Dibenzofuran
Concen: 36.201 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

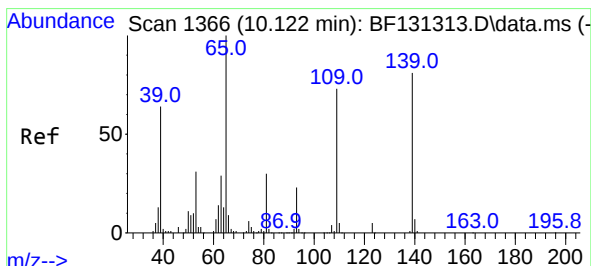
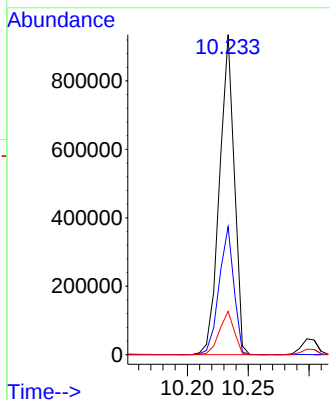
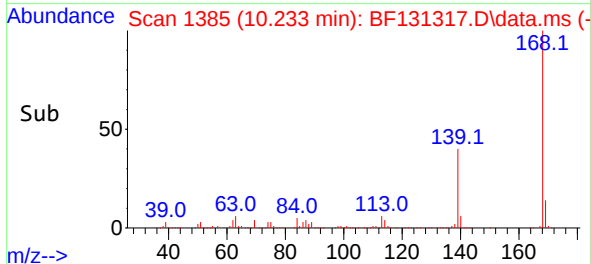
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



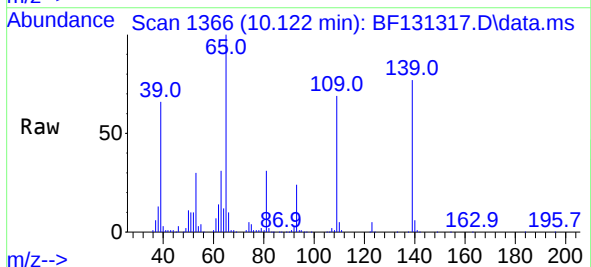
Tgt Ion:168 Resp: 794400
Ion Ratio Lower Upper
168 100
139 40.0 31.7 47.5
169 13.5 10.6 15.8

Manual Integrations
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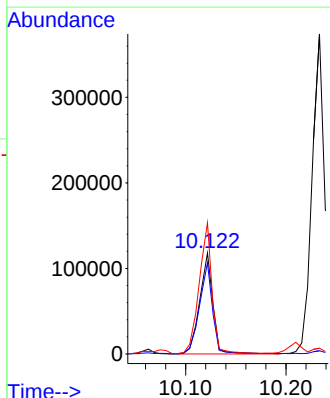
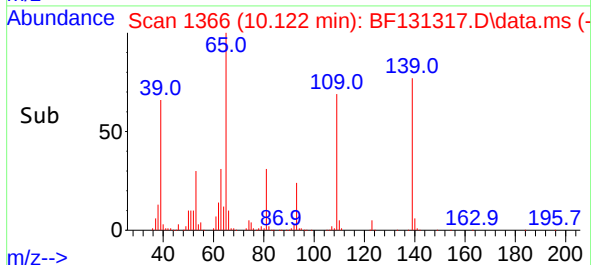
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

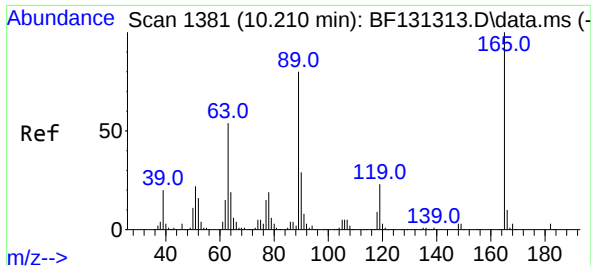


#56
4-Nitrophenol
Concen: 41.842 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:139 Resp: 108528
Ion Ratio Lower Upper
139 100
109 90.3 69.6 109.6
65 129.9 103.4 143.4





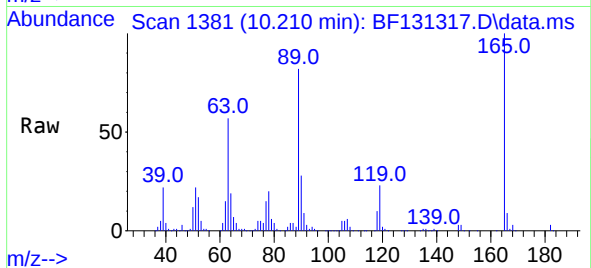
#57
2,4-Dinitrotoluene
Concen: 41.206 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

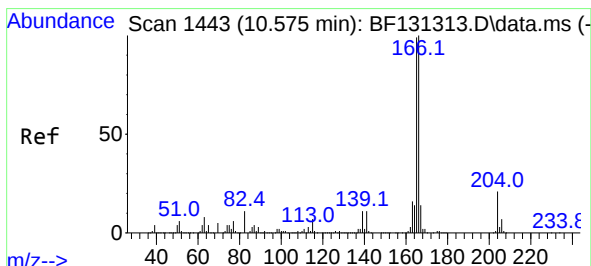
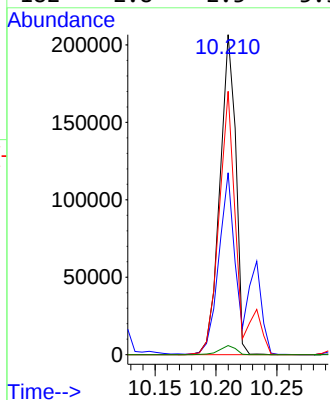
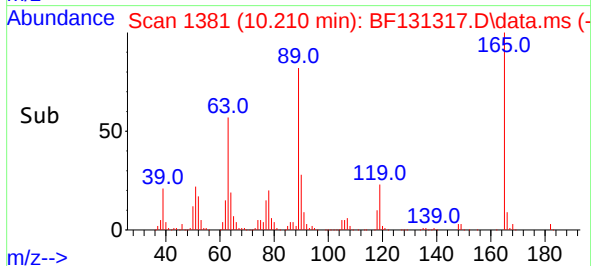


Tgt Ion:165 Resp: 18857
Ion Ratio Lower Upper
165 100
63 56.9 43.4 65.2
89 82.3 64.0 96.0
182 2.8 2.3 3.5

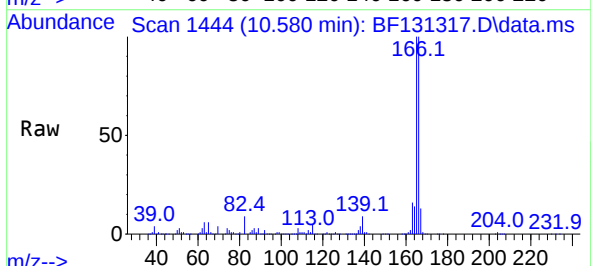
Manual Integrations

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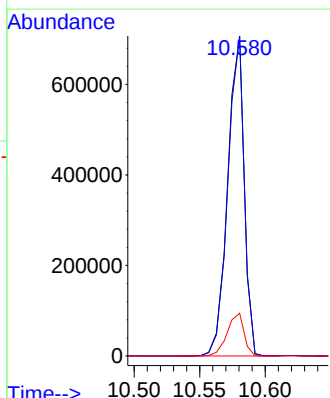
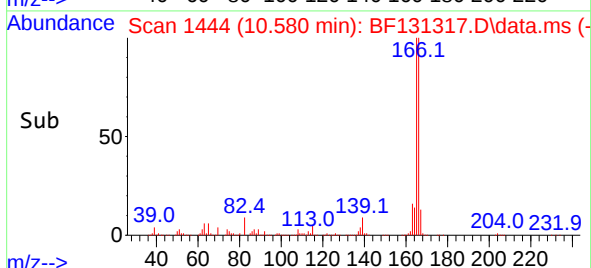
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

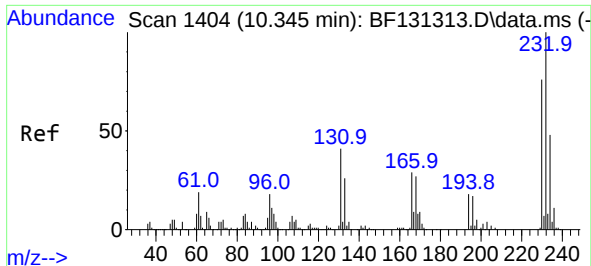


#58
Fluorene
Concen: 36.210 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



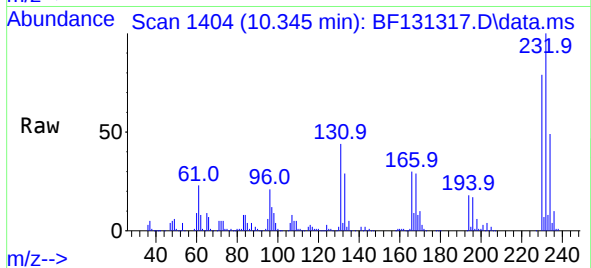
Tgt Ion:166 Resp: 620140
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.4
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.011 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

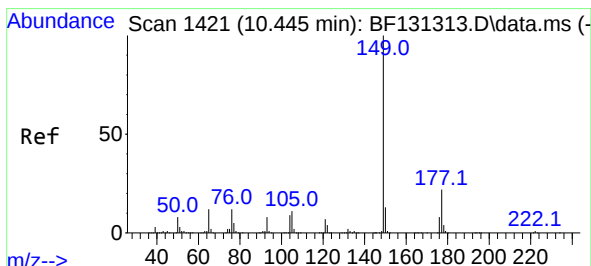
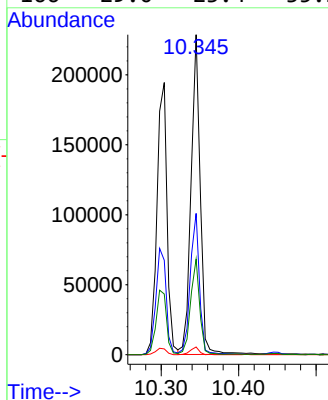
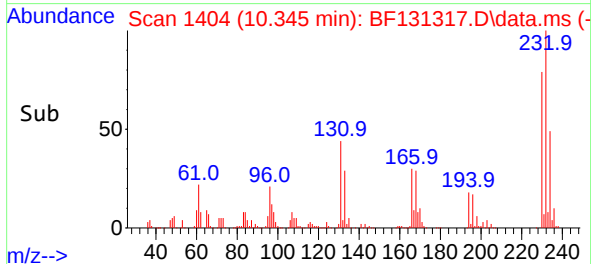
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



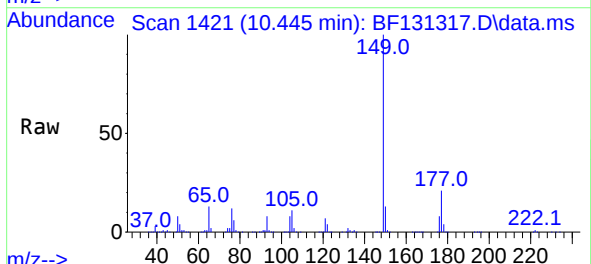
Tgt Ion:232 Resp: 189051
Ion Ratio Lower Upper
232 100
131 44.1 35.2 52.8
130 2.3 1.8 2.8
166 29.0 23.4 35.2

Manual Integrations
APPROVED

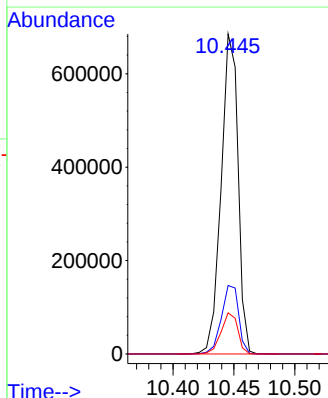
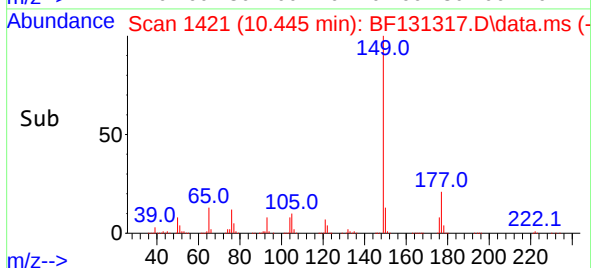
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

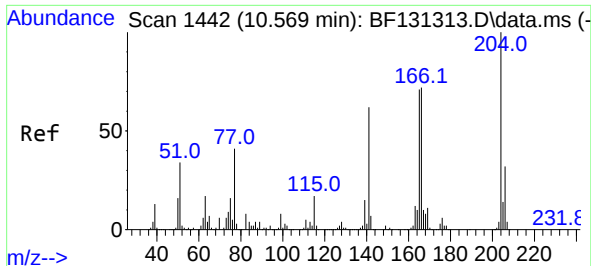


#60
Diethylphthalate
Concen: 38.631 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



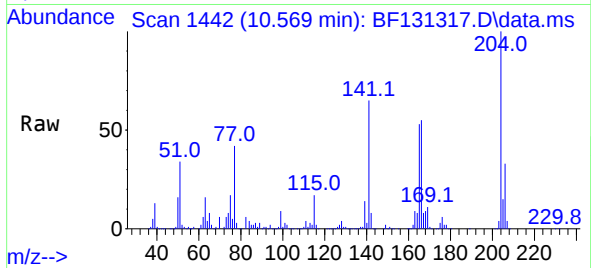
Tgt Ion:149 Resp: 663389
Ion Ratio Lower Upper
149 100
177 21.4 17.6 26.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 36.151 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

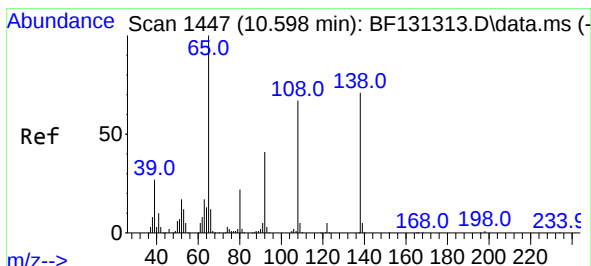
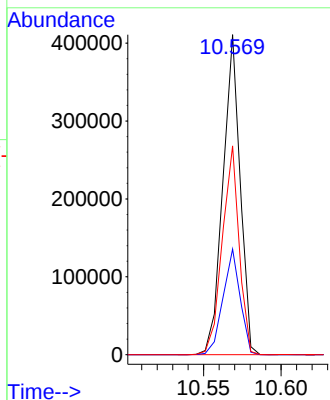
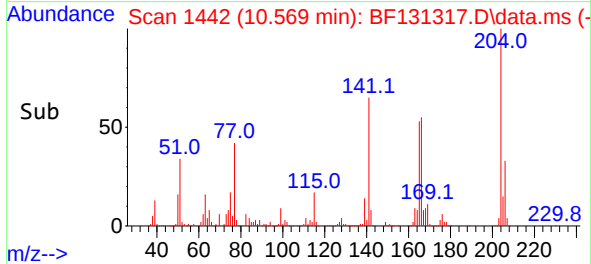
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



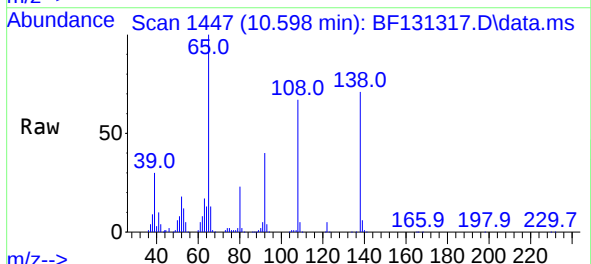
Tgt Ion:204 Resp: 31739
Ion Ratio Lower Upper
204 100
206 33.0 25.7 38.5
141 65.3 49.2 73.8

Manual Integrations
APPROVED

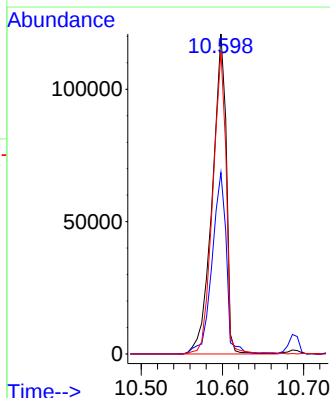
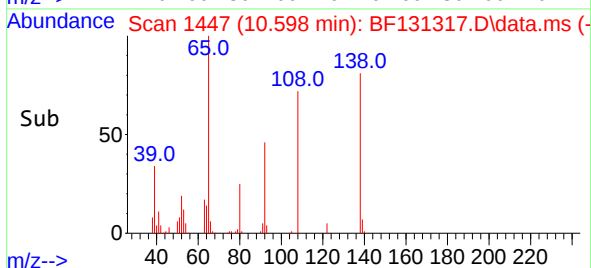
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

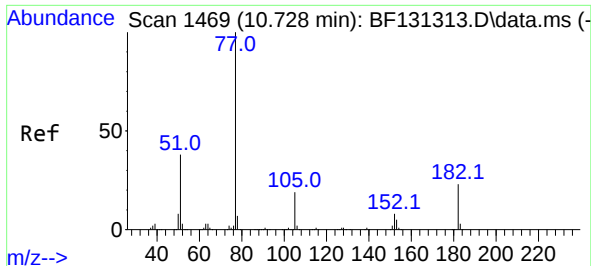


#62
4-Nitroaniline
Concen: 39.035 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



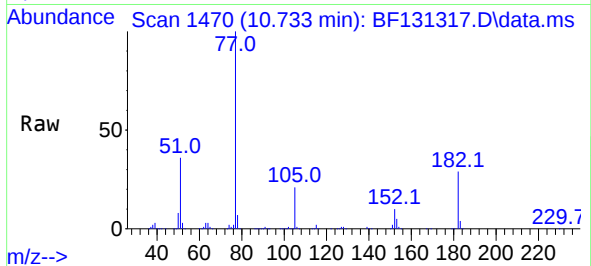
Tgt Ion:138 Resp: 145191
Ion Ratio Lower Upper
138 100
92 56.7 37.0 77.0
108 94.5 74.0 114.0





#63
Azobenzene
Concen: 36.972 ng
RT: 10.733 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :
BNA_F
ClientSampleId :
ICVBF112122

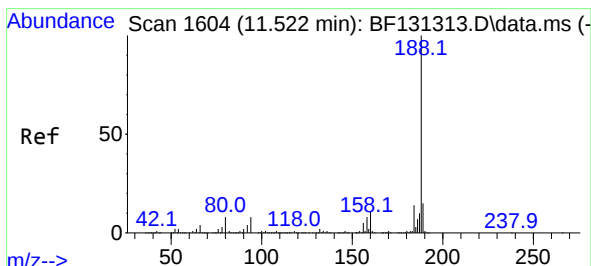
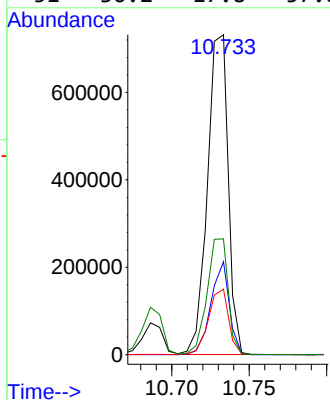
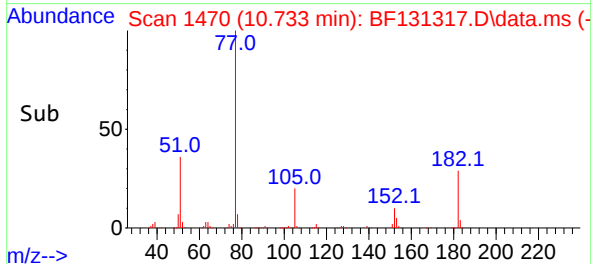


Tgt Ion: 77 Resp: 68267

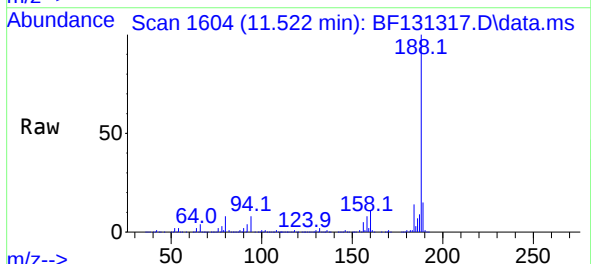
Ion	Ratio	Lower	Upper
77	100		
182	29.1	3.1	43.1
105	20.5	0.0	39.2
51	36.2	17.8	57.8

Manual Integrations
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Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

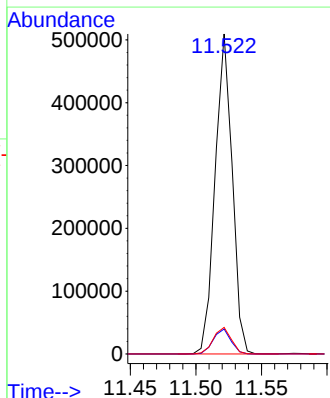
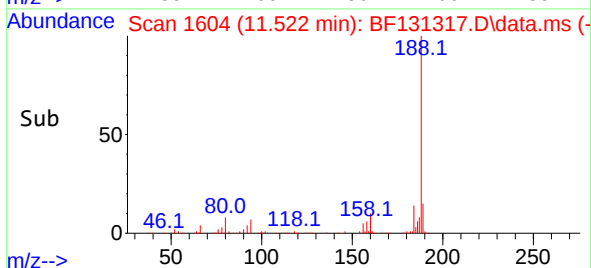


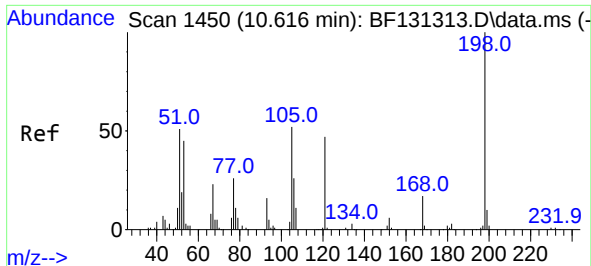
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:188 Resp: 461479

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.3	6.8	10.2





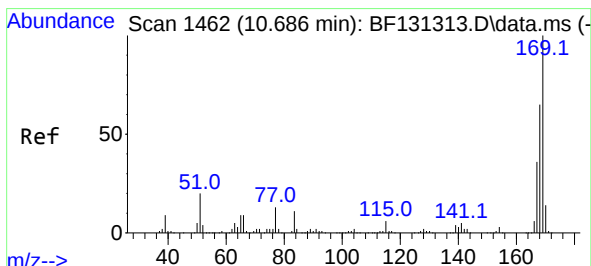
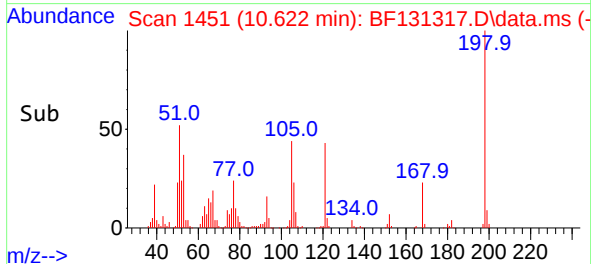
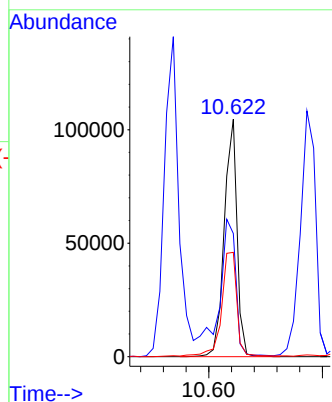
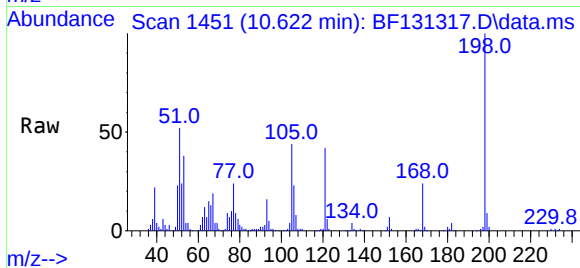
#65
4,6-Dinitro-2-methylphenol
Concen: 42.846 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :
BNA_F
ClientSampleId :
ICVBF112122

Tgt Ion:198 Resp: 81838
Ion Ratio Lower Upper
198 100
51 51.9 50.1 90.1
105 43.9 32.5 72.5

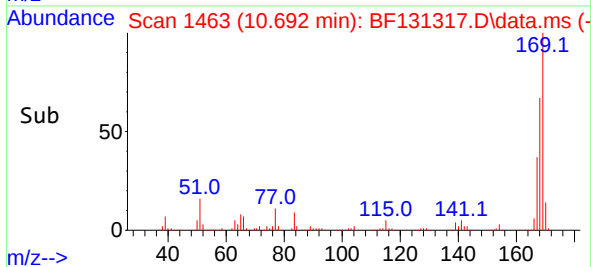
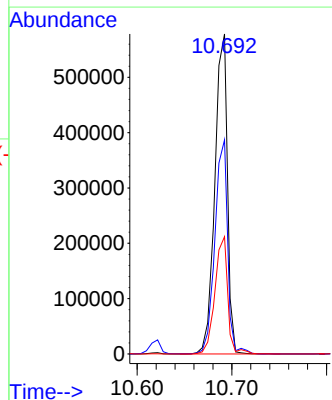
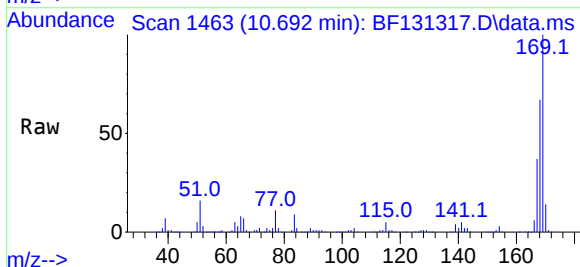
Manual Integrations
APPROVED

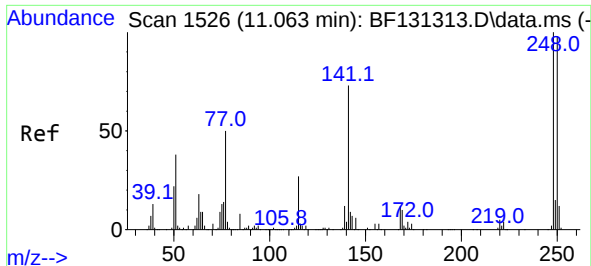
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#66
n-Nitrosodiphenylamine
Concen: 36.162 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion:169 Resp: 531763
Ion Ratio Lower Upper
169 100
168 66.9 52.4 78.6
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 36.826 ng
RT: 11.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

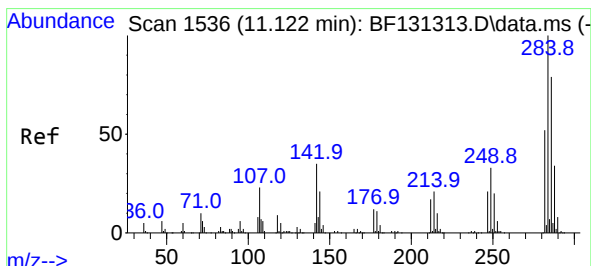
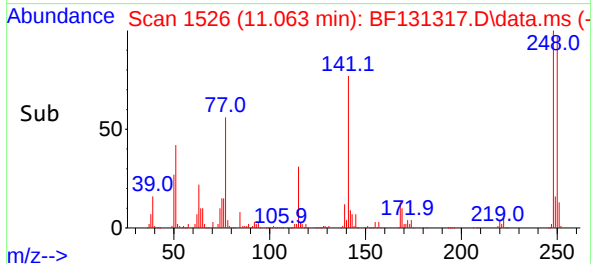
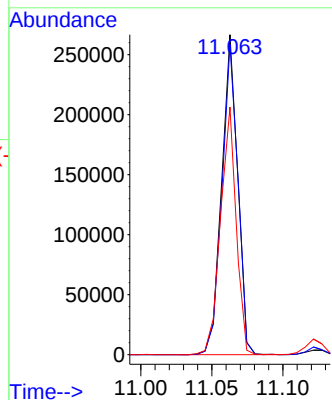
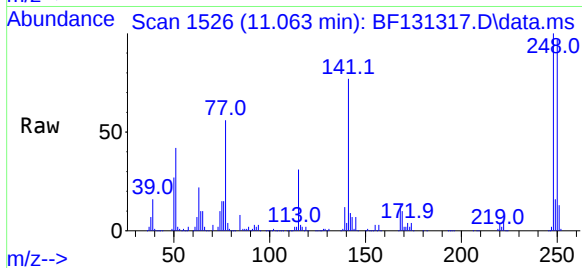
ICVBF112122

Tgt Ion:248 Resp: 20829
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 77.4 58.0 87.0

Manual Integrations

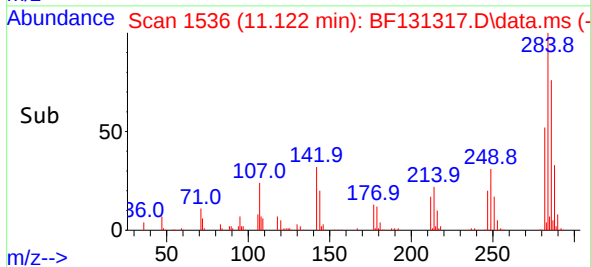
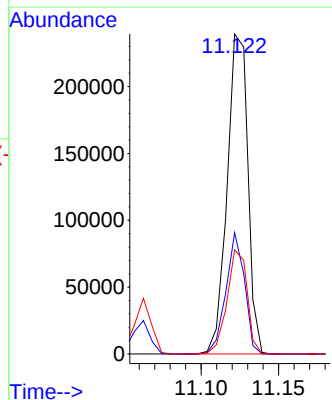
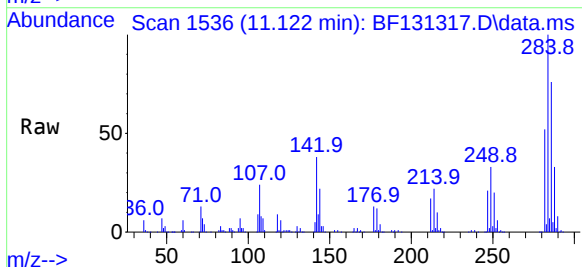
APPROVED

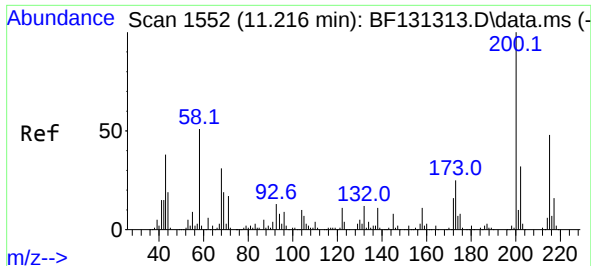
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#68
Hexachlorobenzene
Concen: 37.123 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

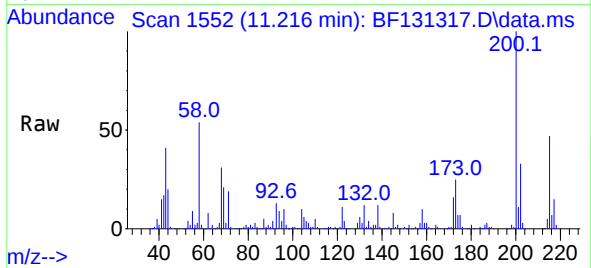
Tgt Ion:284 Resp: 222851
Ion Ratio Lower Upper
284 100
142 37.9 28.4 42.6
249 32.6 26.5 39.7





#69
Atrazine
Concen: 39.971 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

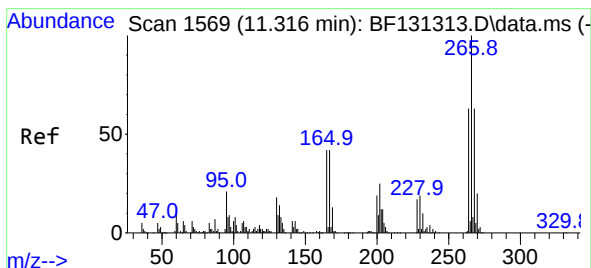
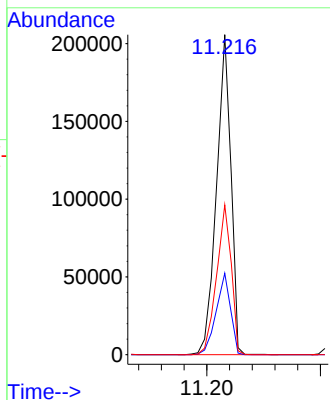
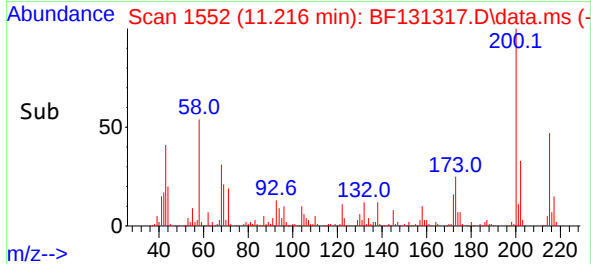
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



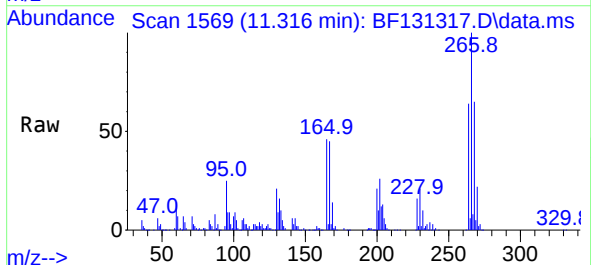
Tgt Ion:200 Resp: 180968
Ion Ratio Lower Upper
200 100
173 25.4 5.2 45.2
215 46.8 28.3 68.3

Manual Integrations
APPROVED

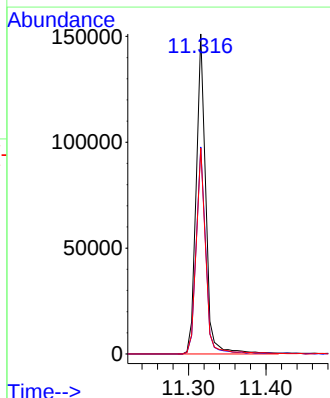
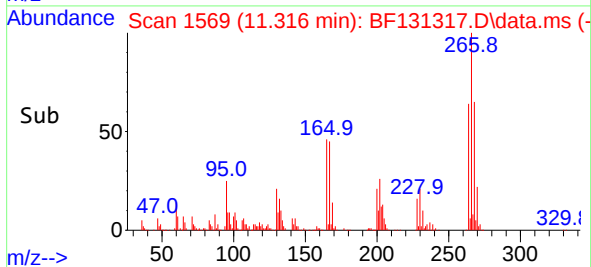
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

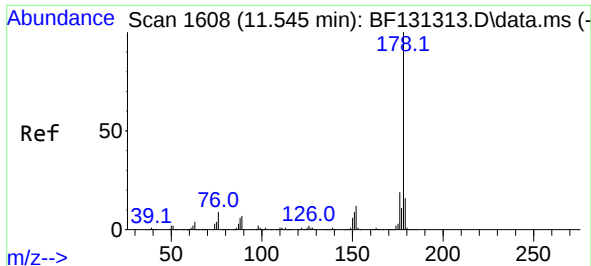


#70
Pentachlorophenol
Concen: 39.948 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



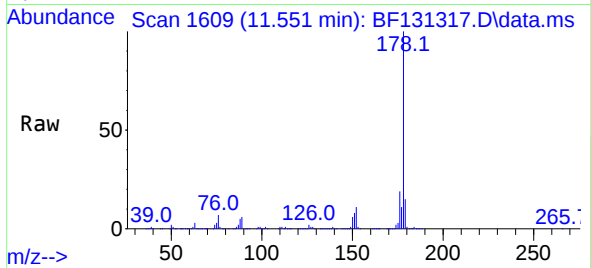
Tgt Ion:266 Resp: 130270
Ion Ratio Lower Upper
266 100
268 64.7 50.6 75.8
264 64.3 50.4 75.6





#71
Phenanthrene
Concen: 35.736 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

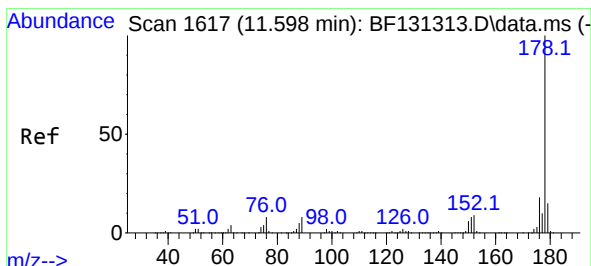
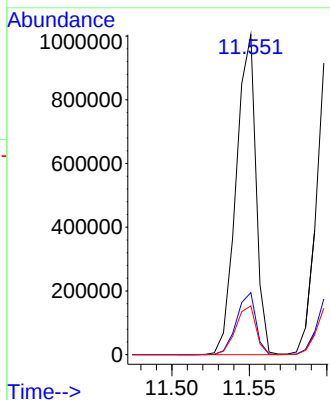
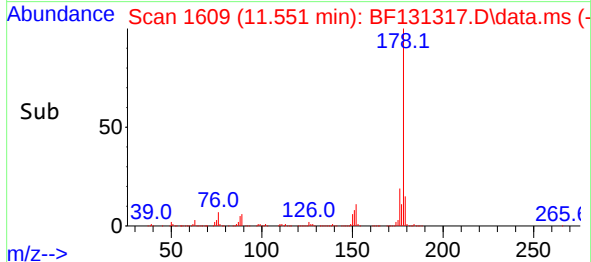
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



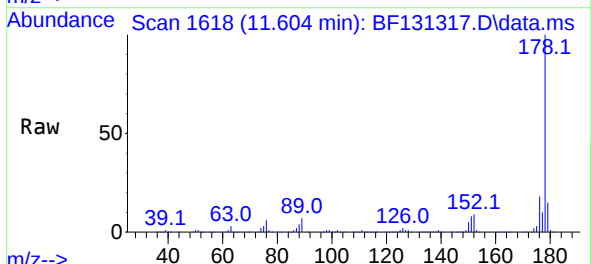
Tgt Ion:178 Resp: 891258
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.4 18.6

Manual Integrations
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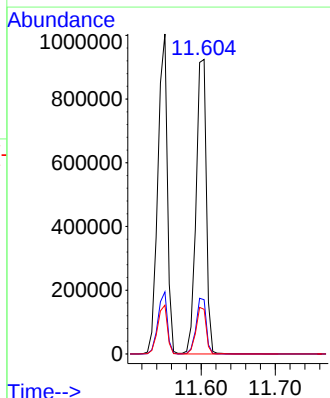
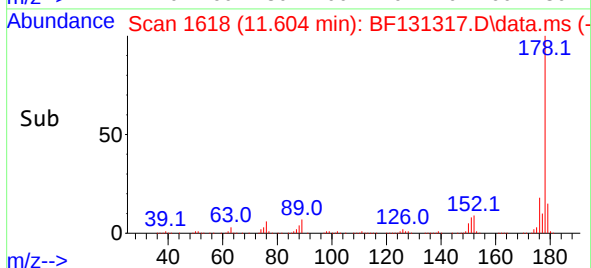
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

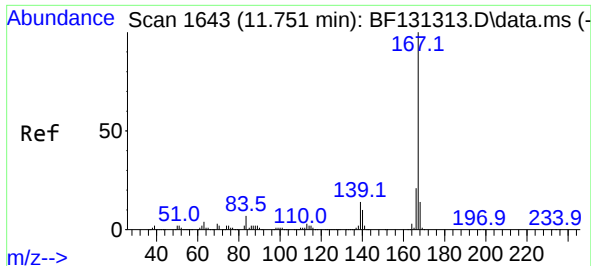


#72
Anthracene
Concen: 36.096 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:178 Resp: 884726
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.1 12.2 18.4





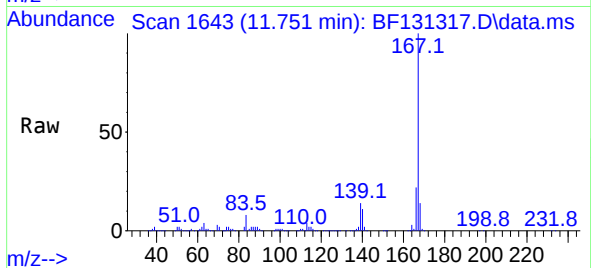
#73
 Carbazole
 Concen: 36.349 ng
 RT: 11.751 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BF131317.D
 Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

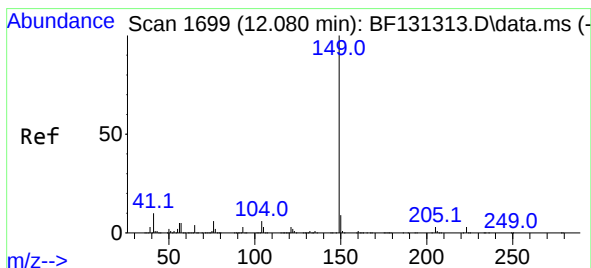
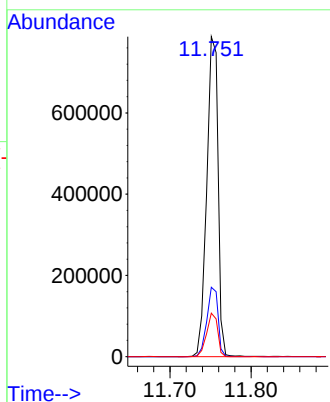
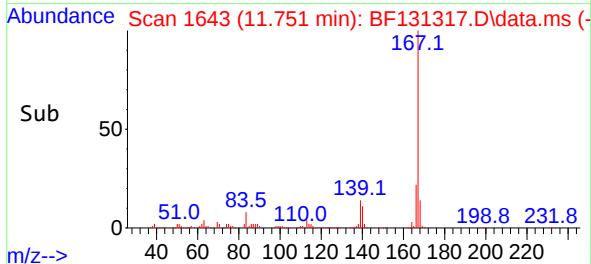


Tgt Ion:167 Resp: 759952
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.6 10.8 16.2

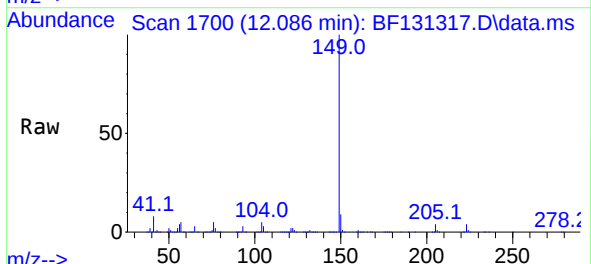
Manual Integrations

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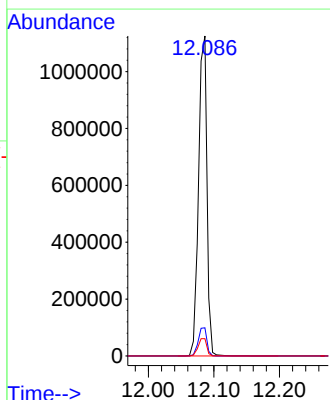
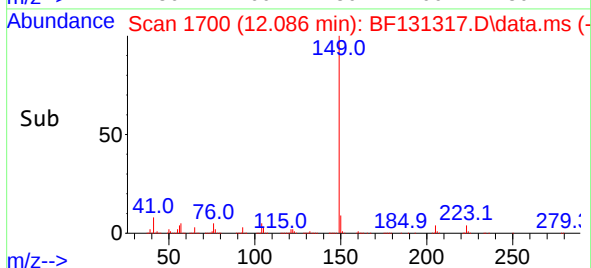
Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022

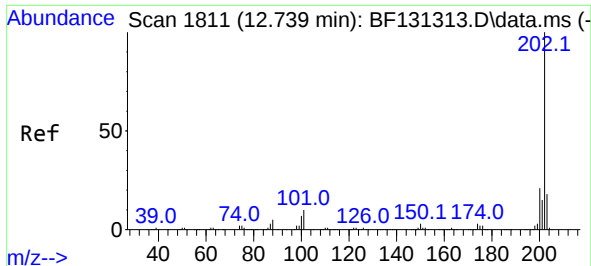


#74
 Di-n-butylphthalate
 Concen: 40.707 ng
 RT: 12.086 min Scan# 1700
 Delta R.T. 0.006 min
 Lab File: BF131317.D
 Acq: 21 Nov 2022 15:31



Tgt Ion:149 Resp: 1002861
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.4 4.7 7.1





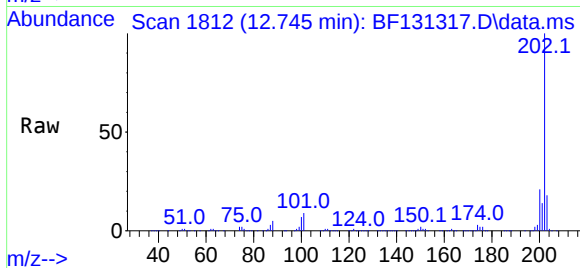
#75
Fluoranthene
Concen: 36.657 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

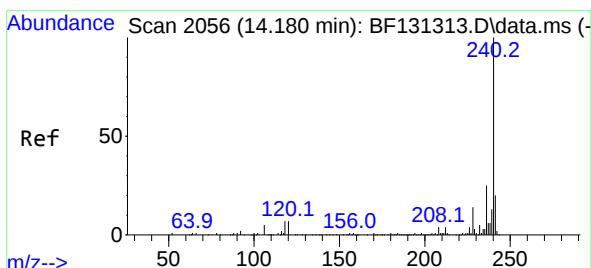
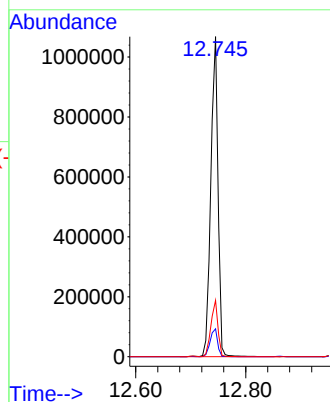
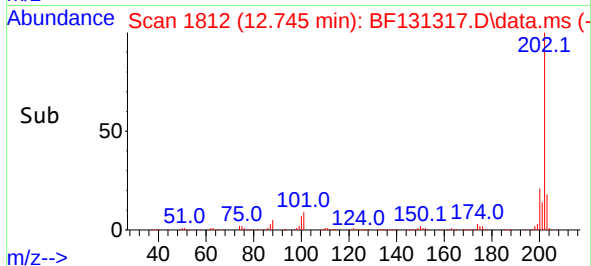


Tgt Ion:202 Resp: 963345
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.6
203 17.6 0.0 37.8

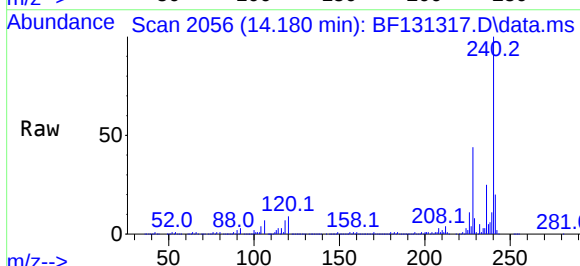
Manual Integrations

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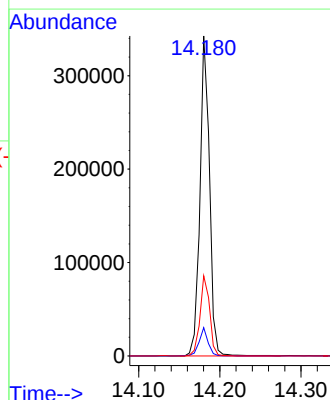
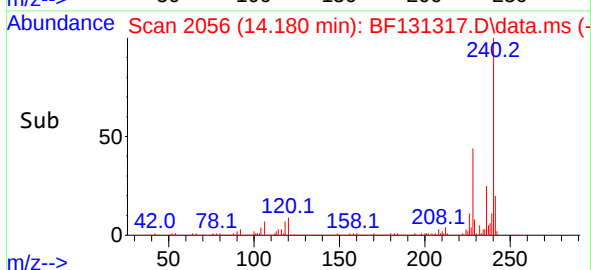
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

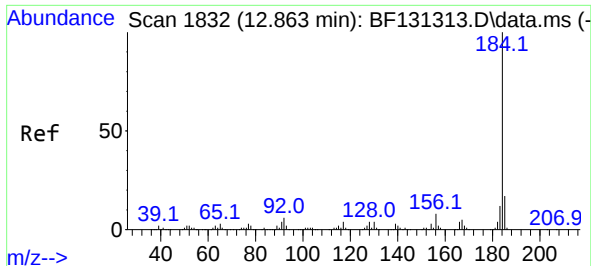


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



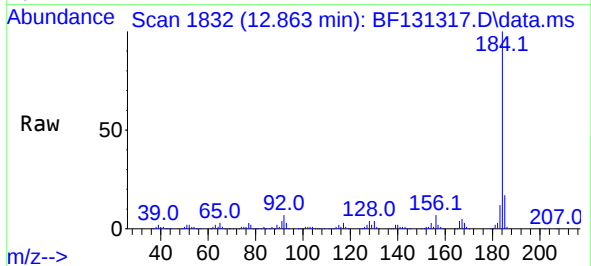
Tgt Ion:240 Resp: 280632
Ion Ratio Lower Upper
240 100
120 8.8 5.8 8.8#
236 25.1 20.3 30.5





#77
Benzidine
Concen: 34.819 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

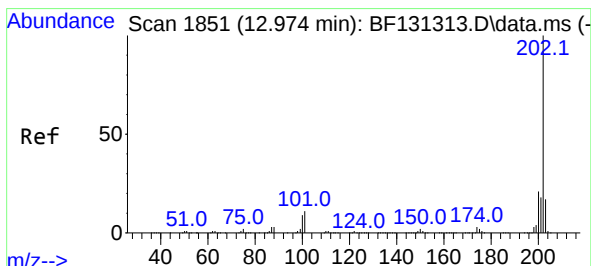
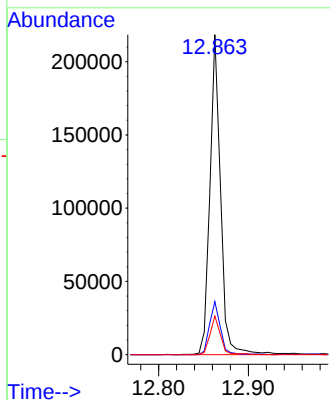
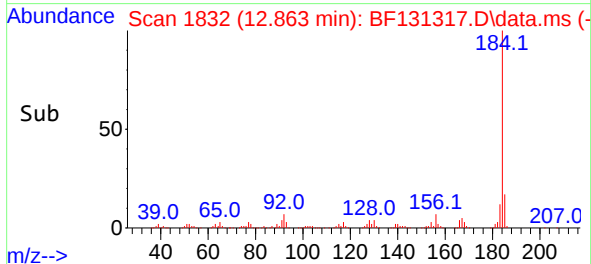
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



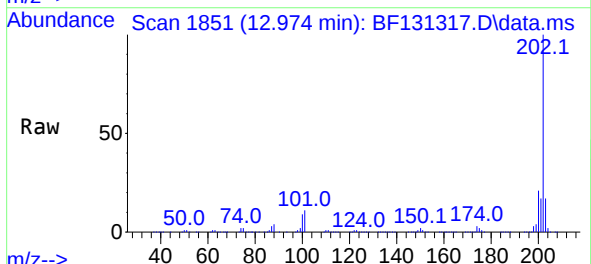
Tgt Ion:184 Resp: 180488
Ion Ratio Lower Upper
184 100
185 16.6 13.8 20.8
183 12.1 9.6 14.4

Manual Integrations
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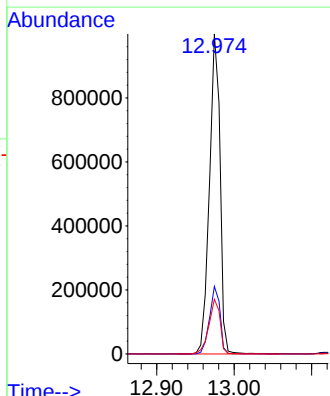
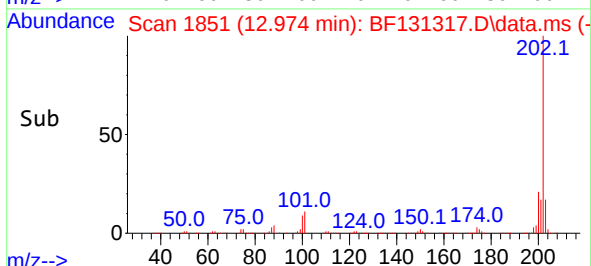
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

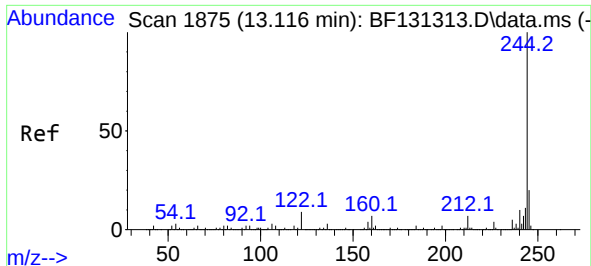


#78
Pyrene
Concen: 38.435 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



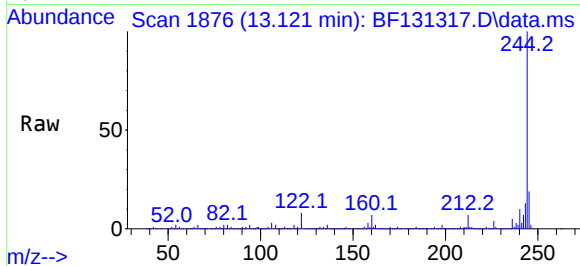
Tgt Ion:202 Resp: 951640
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.1 13.9 20.9





#79
Terphenyl-d14
Concen: 76.673 ng
RT: 13.121 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

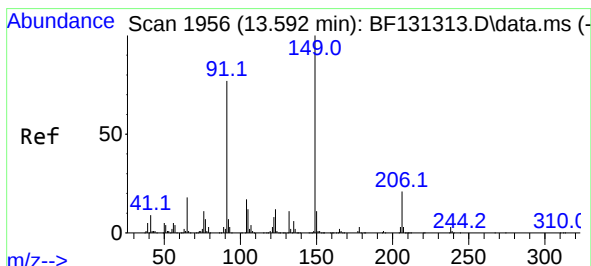
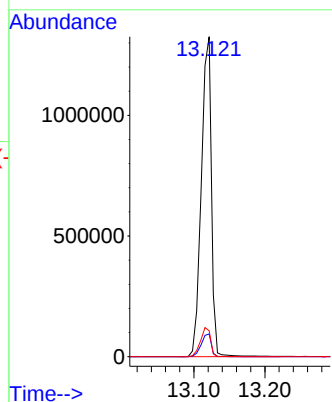
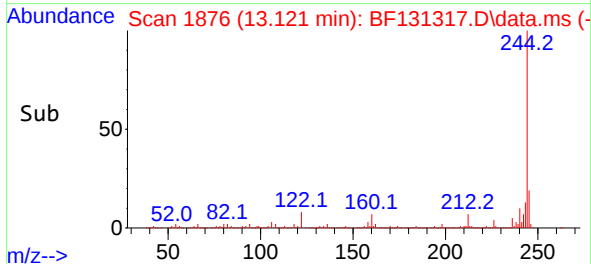
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



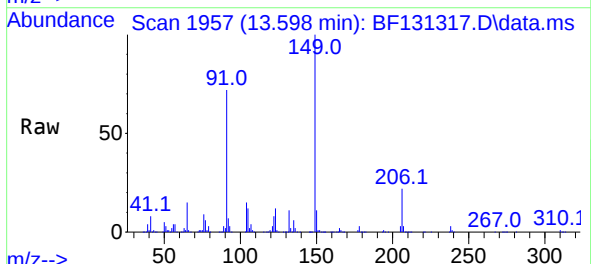
Tgt Ion:244 Resp: 131580
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.1 7.5 11.3

Manual Integrations
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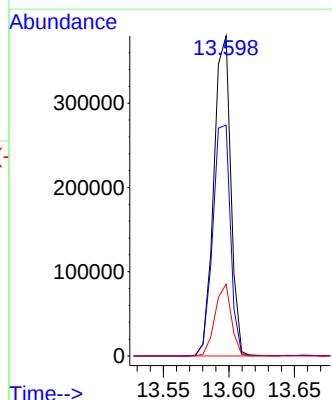
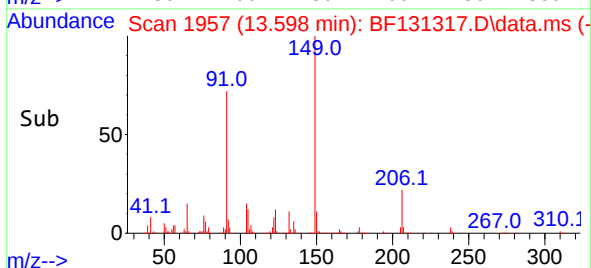
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

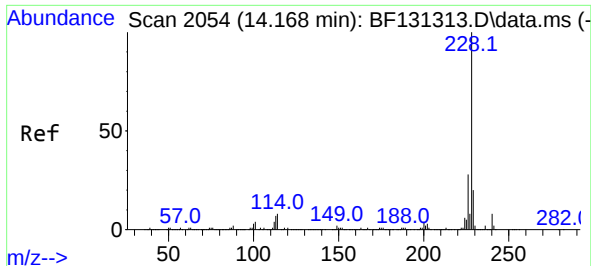


#80
Butylbenzylphthalate
Concen: 41.643 ng
RT: 13.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



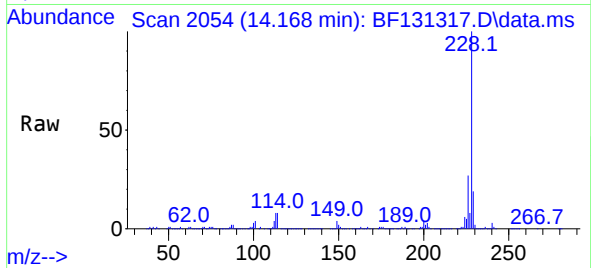
Tgt Ion:149 Resp: 341888
Ion Ratio Lower Upper
149 100
91 72.2 61.9 92.9
206 22.5 16.5 24.7





#81
Benzo(a)anthracene
Concen: 36.831 ng
RT: 14.168 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

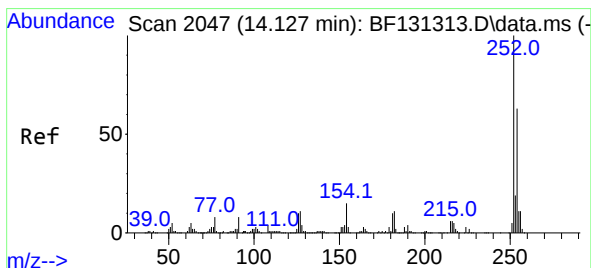
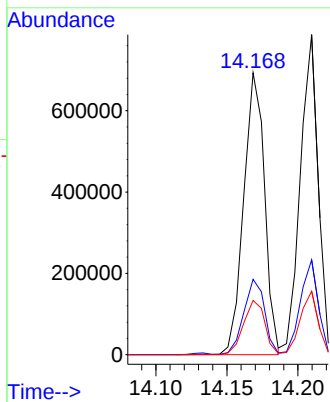
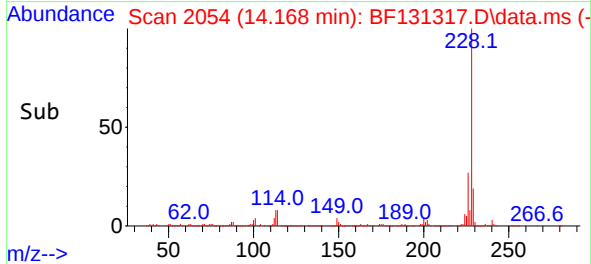
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



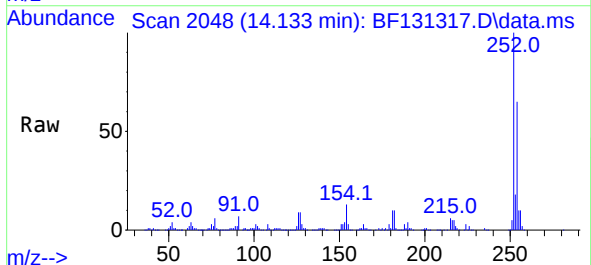
Tgt Ion:228 Resp: 708474
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.2 15.7 23.5

Manual Integrations
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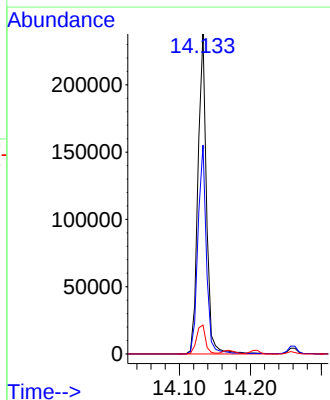
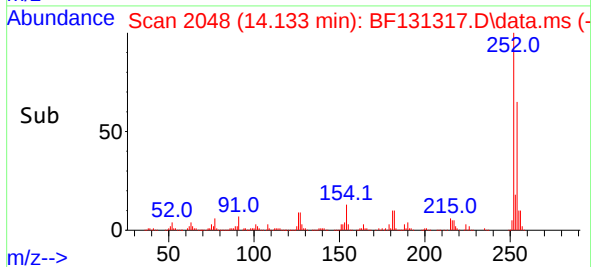
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

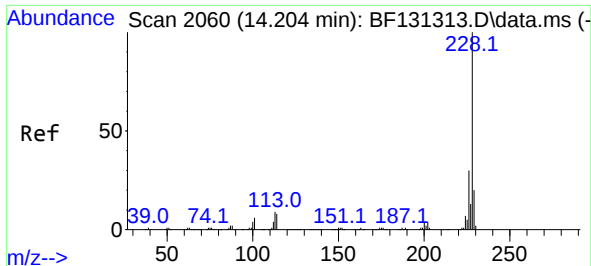


#82
3,3'-Dichlorobenzidine
Concen: 39.057 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



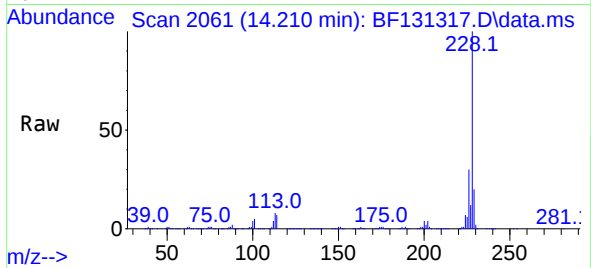
Tgt Ion:252 Resp: 199362
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 9.0 8.3 12.5





#83
Chrysene
Concen: 36.819 ng
RT: 14.210 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

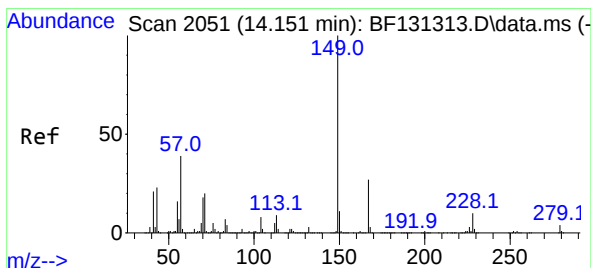
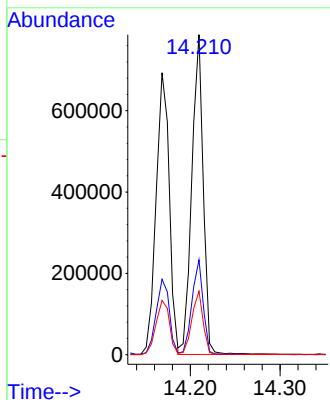
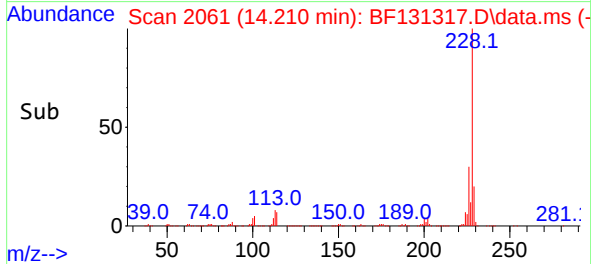
Instrument :
BNA_F
ClientSampleId :
ICVBF112122



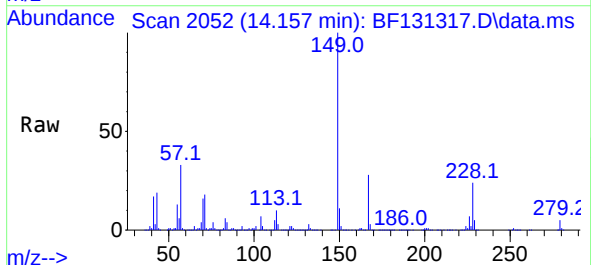
Tgt Ion:228 Resp: 69486
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.8 16.2 24.4

Manual Integrations
APPROVED

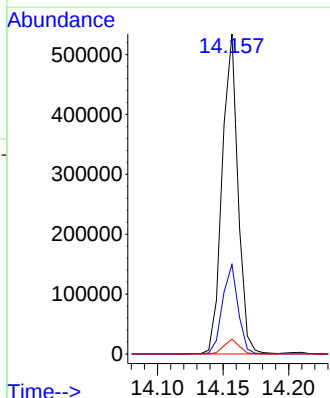
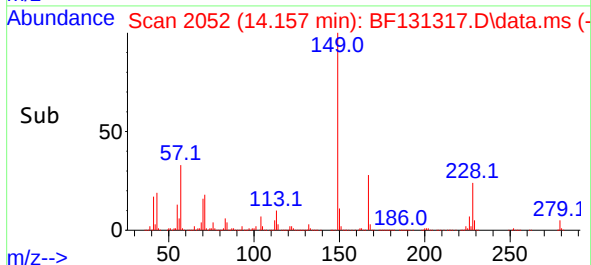
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

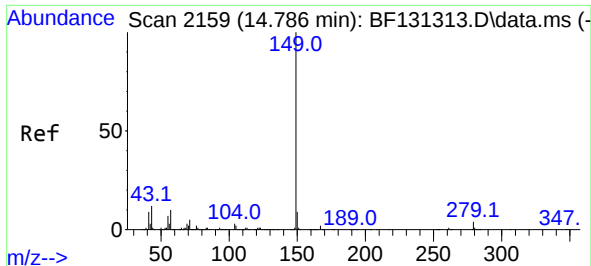


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.010 ng
RT: 14.157 min Scan# 2052
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:149 Resp: 446797
Ion Ratio Lower Upper
149 100
167 27.9 21.9 32.9
279 4.6 3.0 4.4#





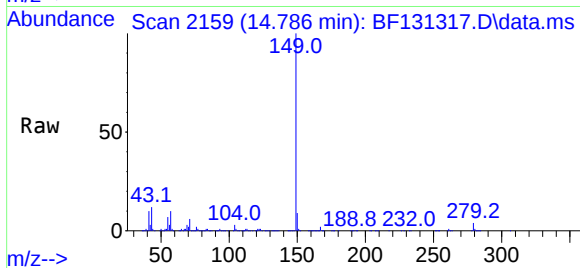
#85
Di-n-octyl phthalate
Concen: 42.364 ng
RT: 14.786 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

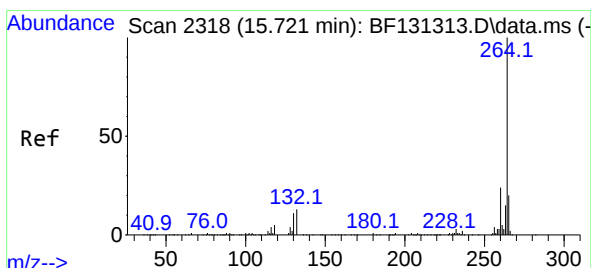
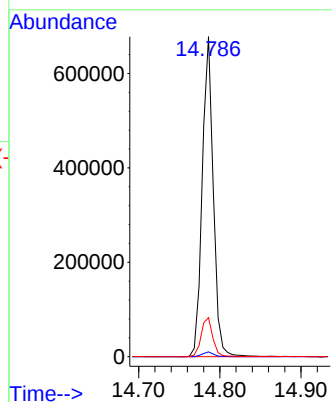
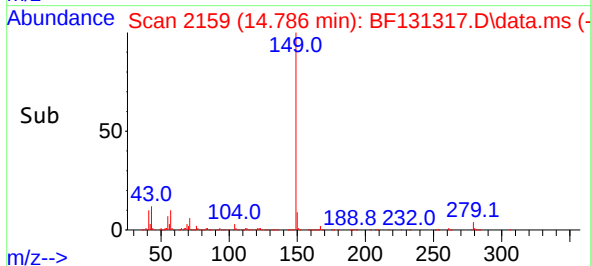


Tgt Ion:149 Resp: 641288
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.0 10.7 16.1

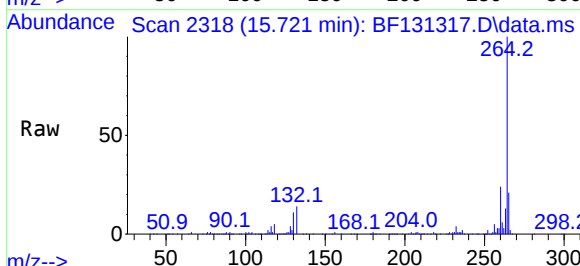
Manual Integrations

APPROVED

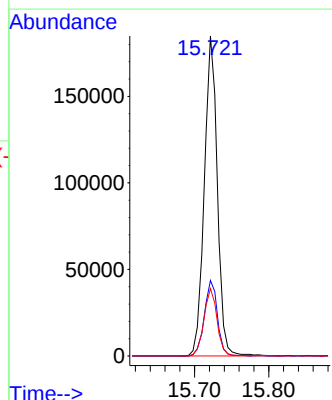
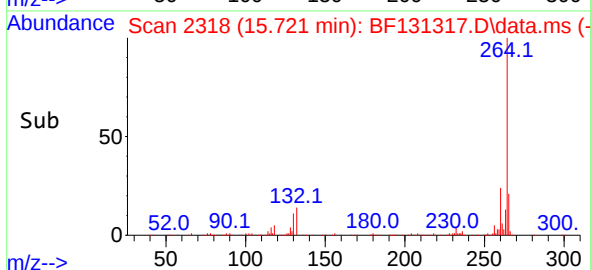
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

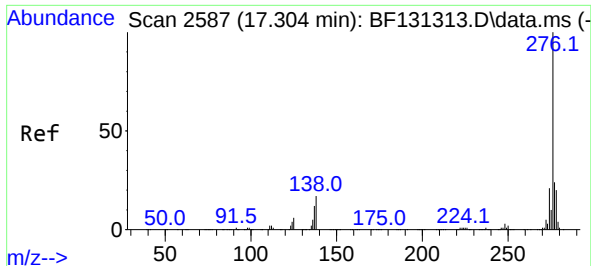


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 2318
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:264 Resp: 226427
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.1 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.491 ng
 RT: 17.309 min Scan# 2587
 Delta R.T. 0.006 min
 Lab File: BF131317.D
 Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

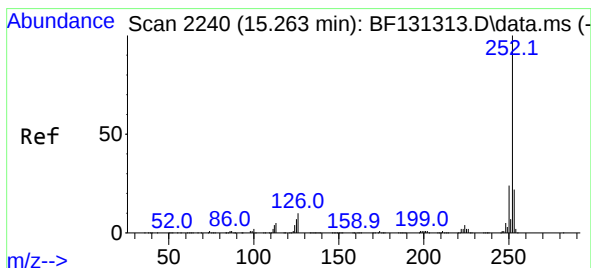
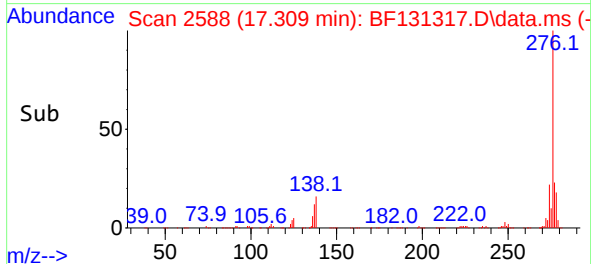
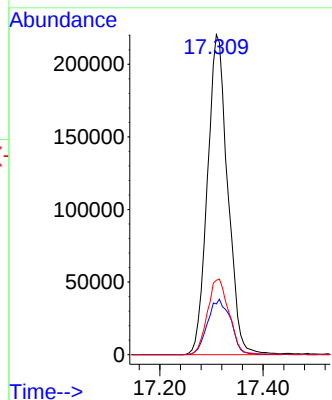
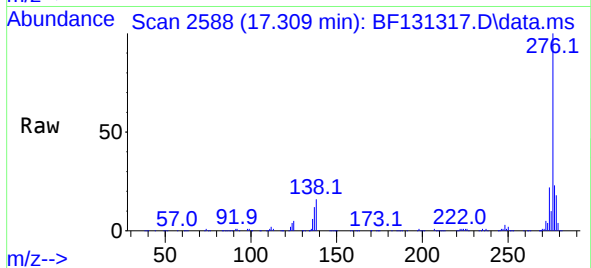
ICVBF112122

Tgt Ion:276 Resp: 60057
 Ion Ratio Lower Upper
 276 100
 138 19.8 15.8 23.6
 277 25.2 20.3 30.5

Manual Integrations

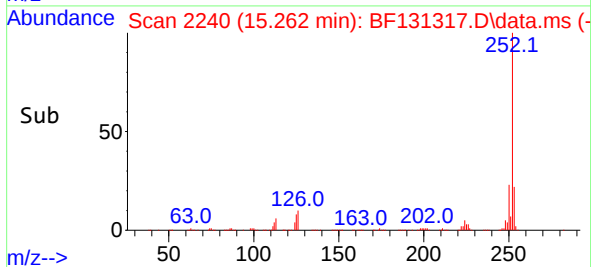
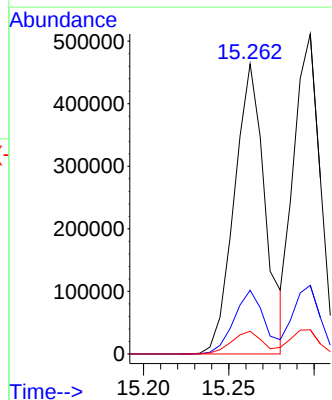
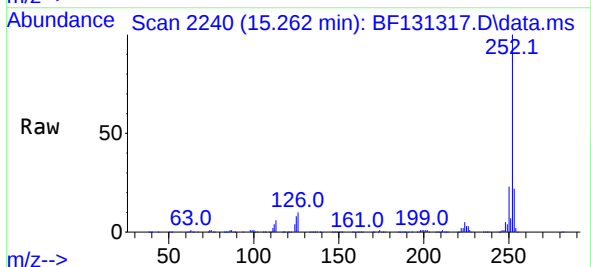
APPROVED

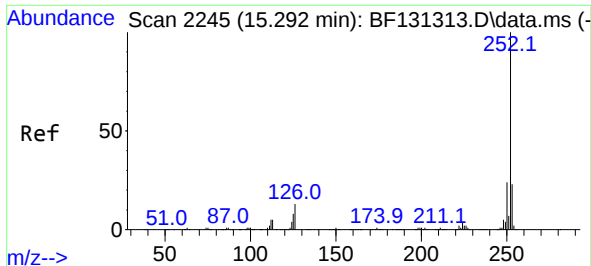
Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022



#88
 Benzo(b)fluoranthene
 Concen: 38.744 ng
 RT: 15.262 min Scan# 2240
 Delta R.T. -0.000 min
 Lab File: BF131317.D
 Acq: 21 Nov 2022 15:31

Tgt Ion:252 Resp: 582783
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 7.8 5.8 8.6





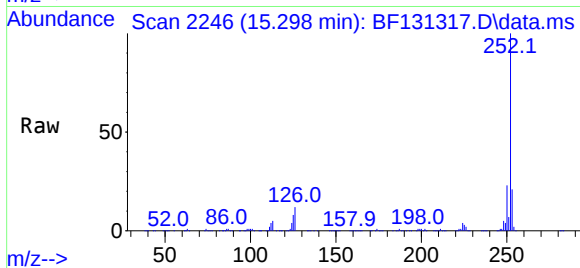
#89
Benzo(k)fluoranthene
Concen: 35.873 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

ICVBF112122

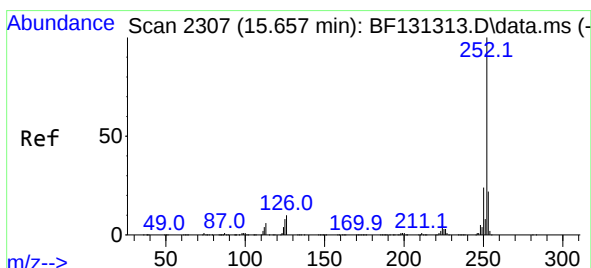
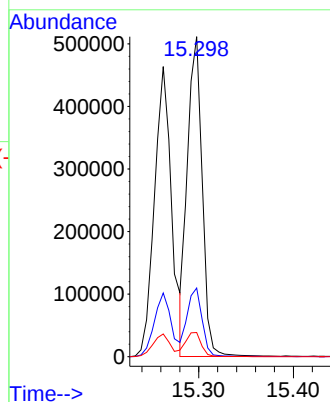
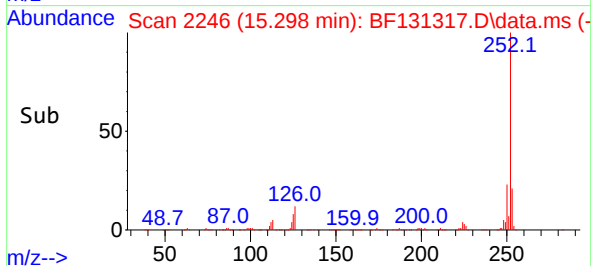


Tgt Ion:252 Resp: 55451
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 7.5 6.6 10.0

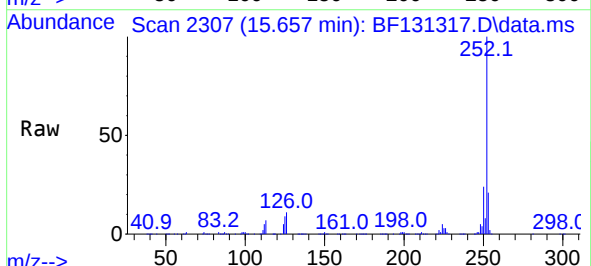
Manual Integrations

APPROVED

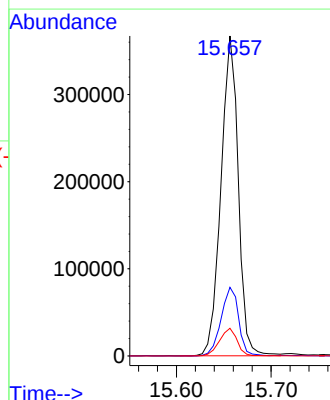
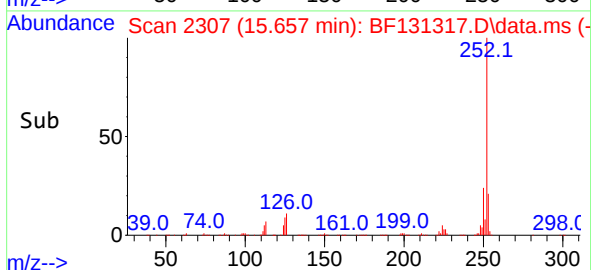
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

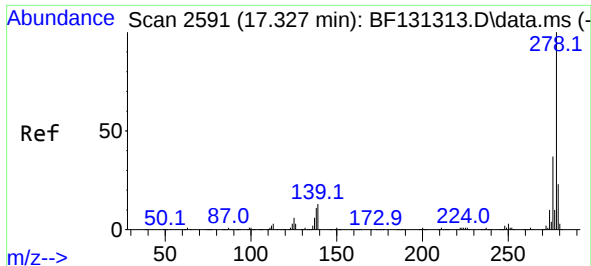


#90
Benzo(a)pyrene
Concen: 37.817 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31



Tgt Ion:252 Resp: 466749
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.7 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 39.881 ng
RT: 17.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Instrument :

BNA_F

ClientSampleId :

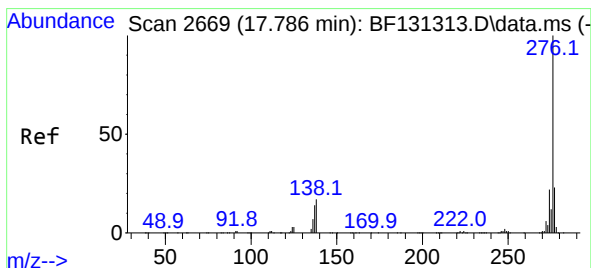
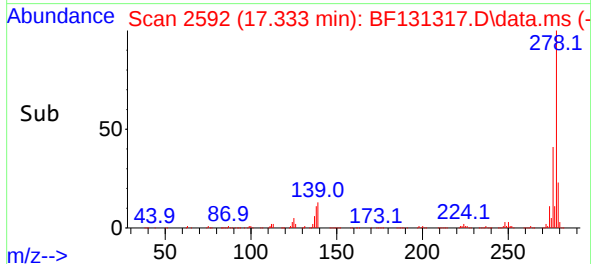
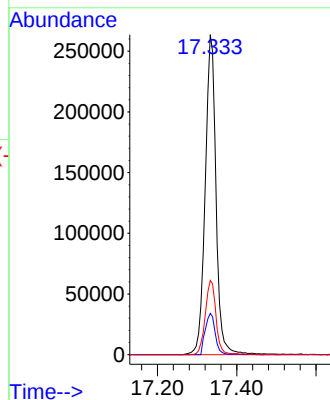
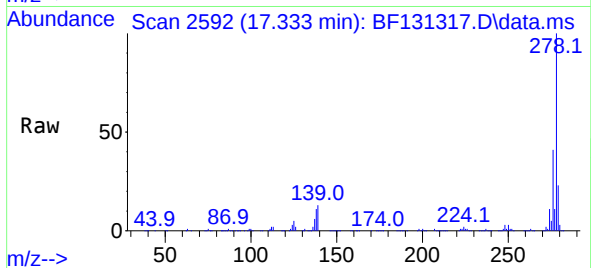
ICVBF112122

Tgt Ion:278 Resp: 50073
Ion Ratio Lower Upper
278 100
139 12.9 10.4 15.6
279 23.2 18.3 27.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/22/2022



#92
Benzo(g,h,i)perylene
Concen: 39.312 ng
RT: 17.792 min Scan# 2670
Delta R.T. 0.006 min
Lab File: BF131317.D
Acq: 21 Nov 2022 15:31

Tgt Ion:276 Resp: 492632
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 15.9 13.8 20.6

