

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132743.D
 Acq On : 10 Mar 2023 16:03
 Operator : CG\JU
 Sample : 01853-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2

Quant Time: Mar 10 17:51:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

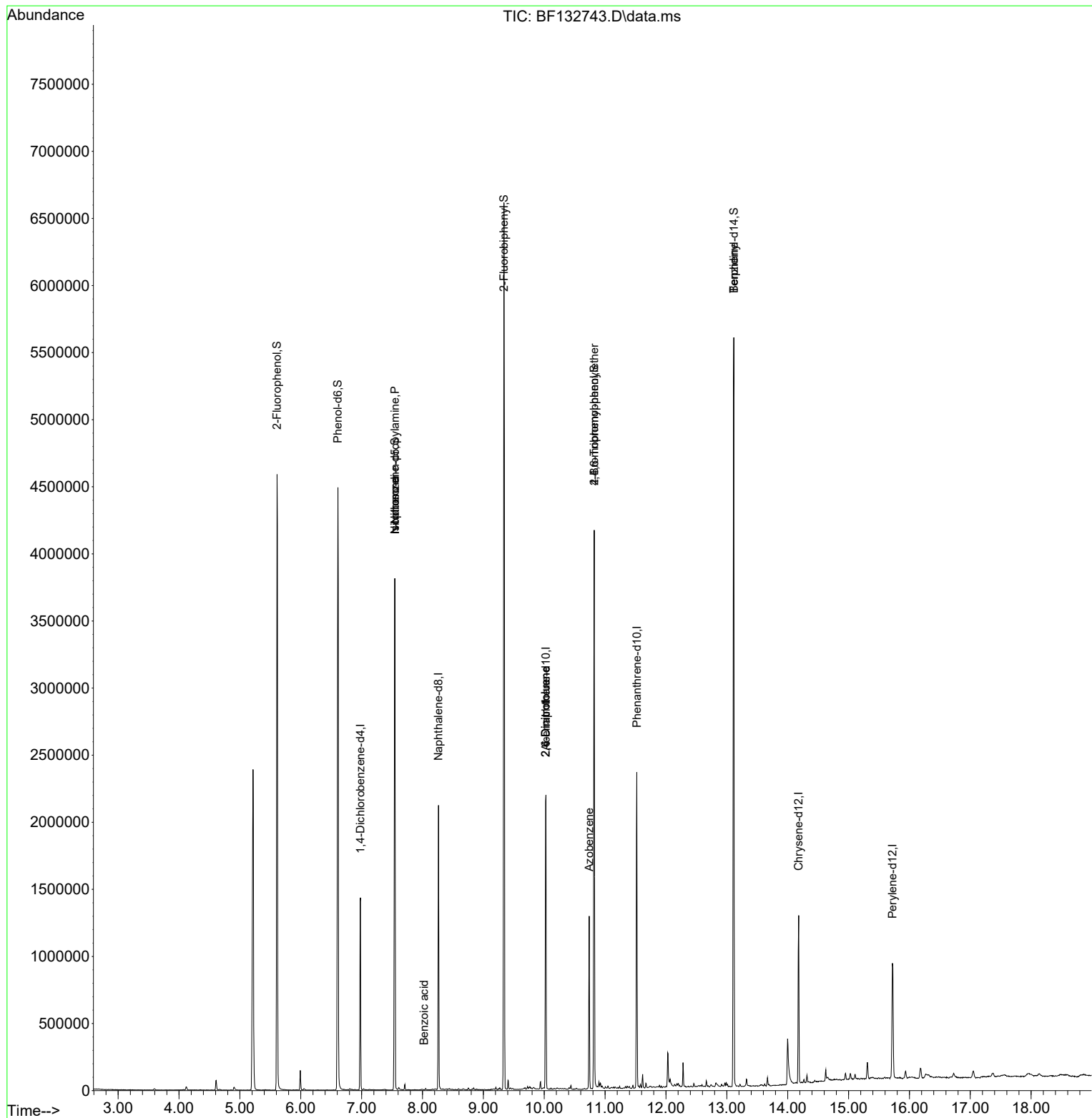
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	226151	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	850303	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	465553	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	853469	20.000	ng	0.00
76) Chrysene-d12	14.180	240	406186	20.000	ng	0.00
86) Perylene-d12	15.721	264	428772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1406860	100.963	ng	0.00
7) Phenol-d6	6.610	99	1893613	104.127	ng	-0.01
23) Nitrobenzene-d5	7.545	82	1278987	71.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	500557	99.558	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	2055759	67.237	ng	0.00
79) Terphenyl-d14	13.116	244	2125643	88.480	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	167774	14.990	ng	# 75
25) Isophorone	7.545	82	1275236	37.113	ng	# 67
32) Benzoic acid	8.028	122	265	3.859	ng	# 31
51) 2,6-Dinitrotoluene	10.022	165	59689	7.732	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	59689	5.812	ng	# 21
63) Azobenzene	10.739	77	204571	5.835	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	32955	3.414	ng	# 1
77) Benzidine	13.116	184	29702	3.004	ng	# 95

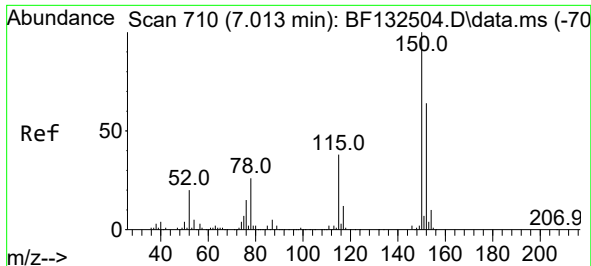
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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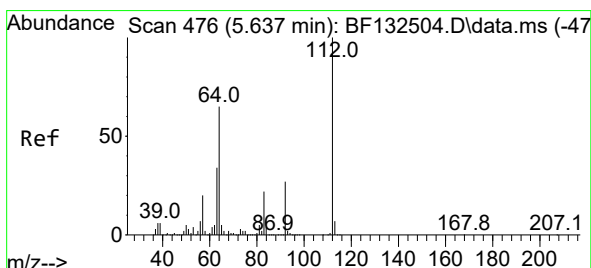
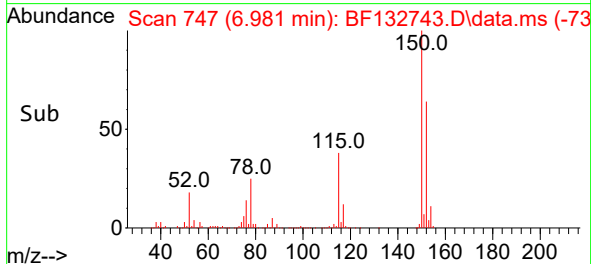
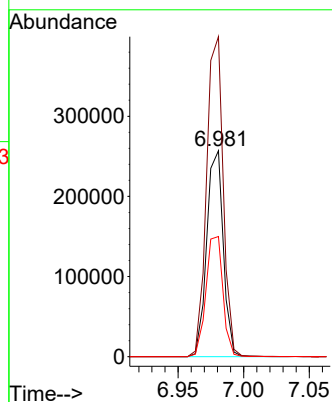
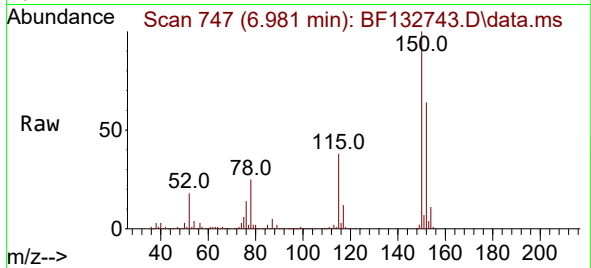




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

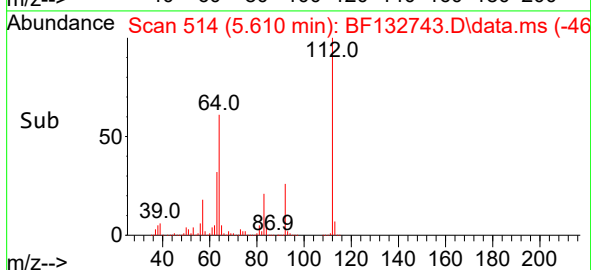
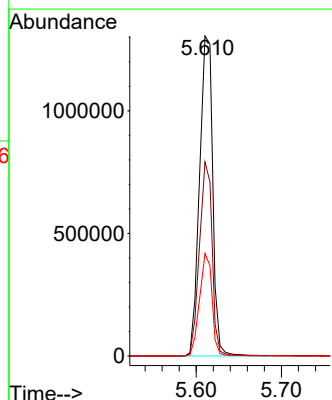
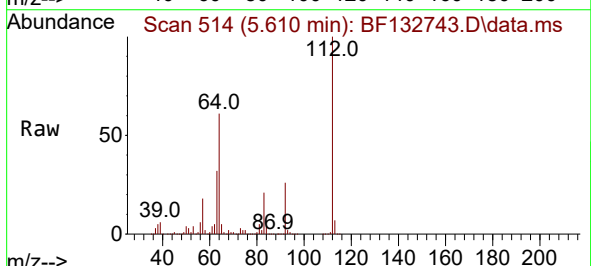
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BNA_F
ClientSampleId :
20230163-COMPOSITE-2

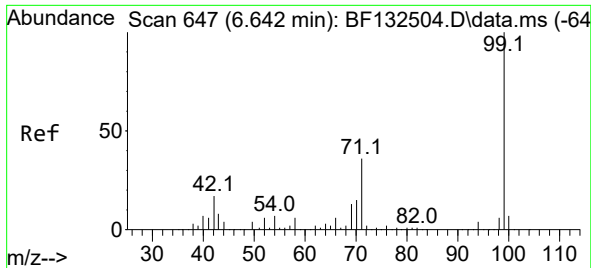
Tgt Ion:152 Resp: 226151
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 58.3 47.8 71.6



#5
2-Fluorophenol
Concen: 100.963 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:112 Resp: 1406860
Ion Ratio Lower Upper
112 100
64 60.6 51.6 77.4
63 32.0 27.4 41.2

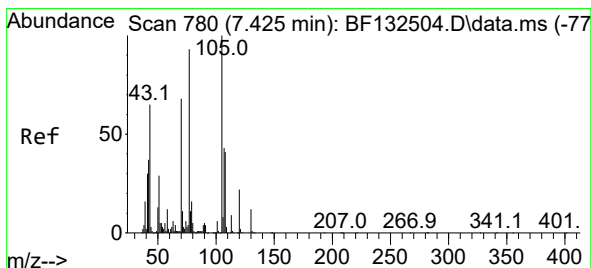
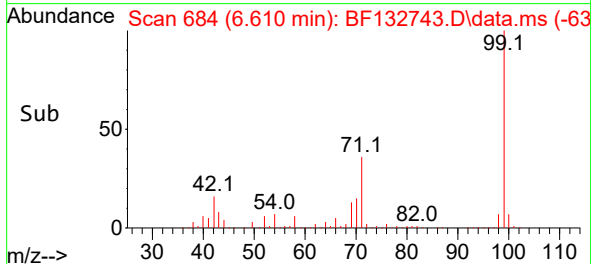
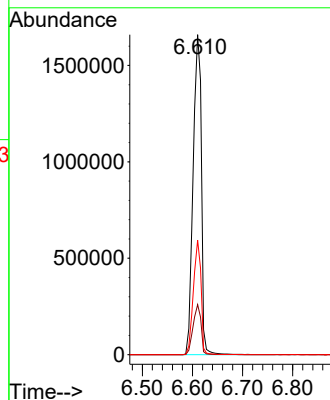
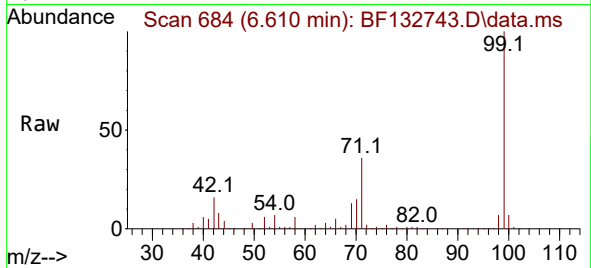




#7
Phenol-d6
Concen: 104.127 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

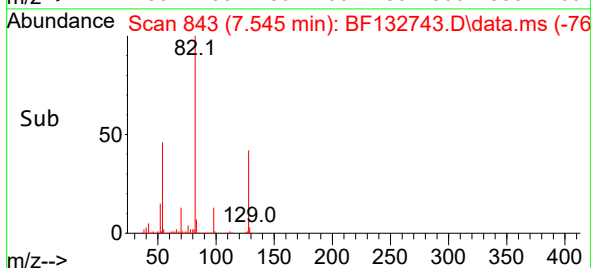
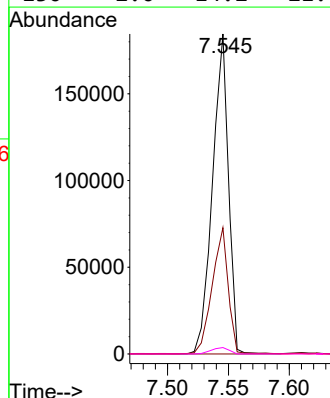
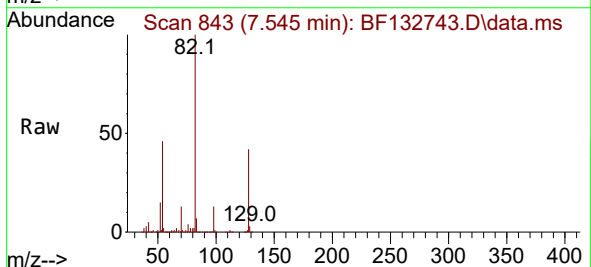
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

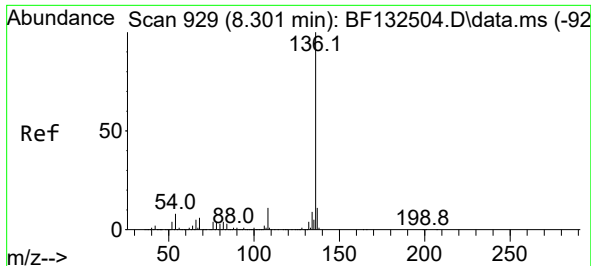
Tgt Ion: 99 Resp: 1893613
Ion Ratio Lower Upper
99 100
42 15.6 13.9 20.9
71 35.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.990 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion: 70 Resp: 167774
Ion Ratio Lower Upper
70 100
42 39.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

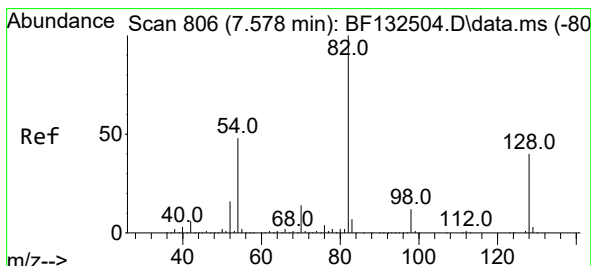
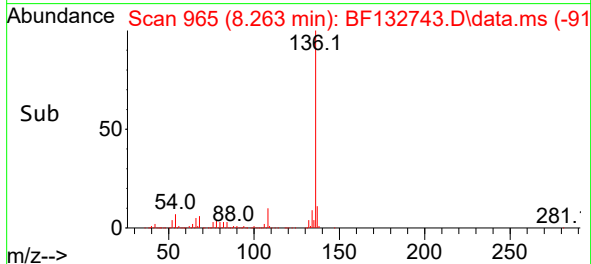
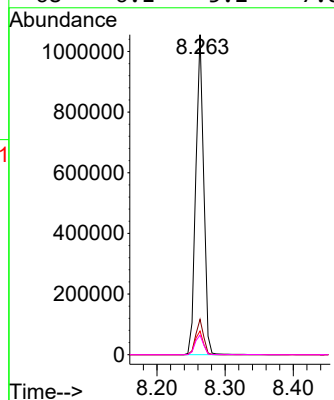
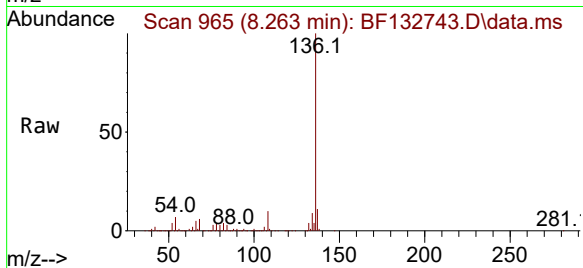




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

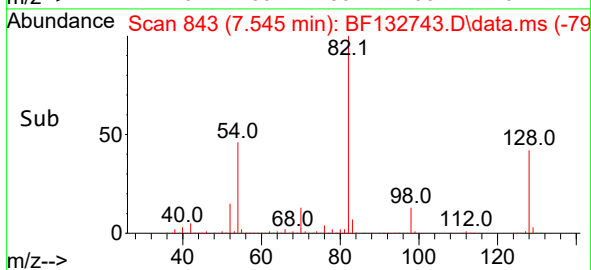
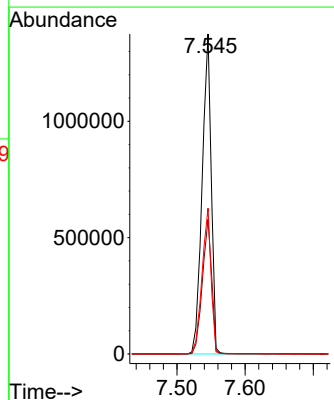
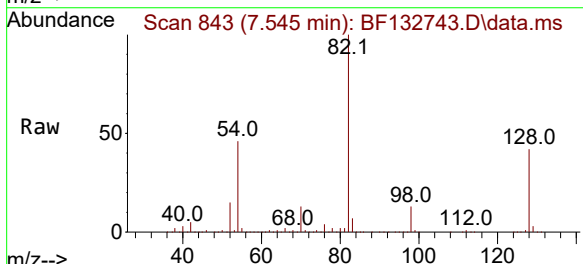
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

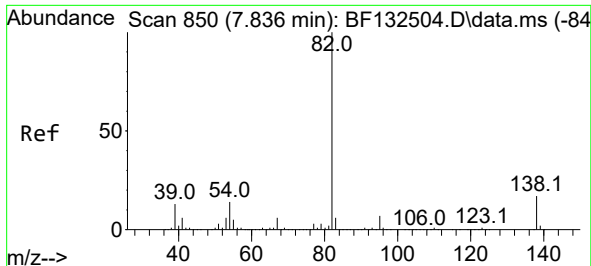
Tgt Ion:136 Resp: 850303
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.2 9.4
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 71.364 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion: 82 Resp: 1278987
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.2
54 45.5 38.4 57.6

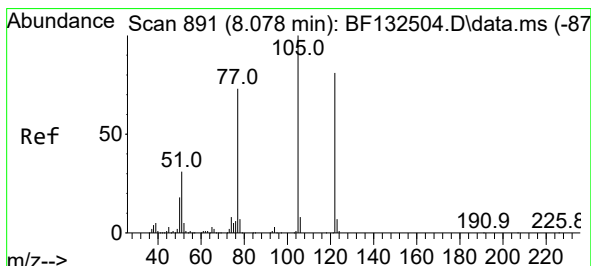
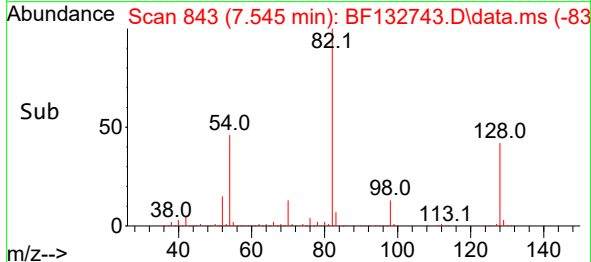
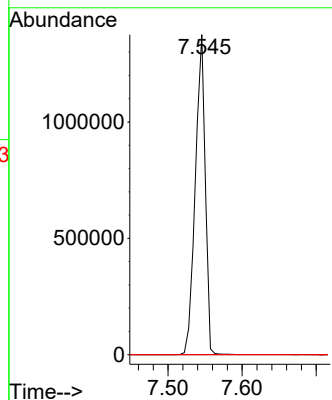
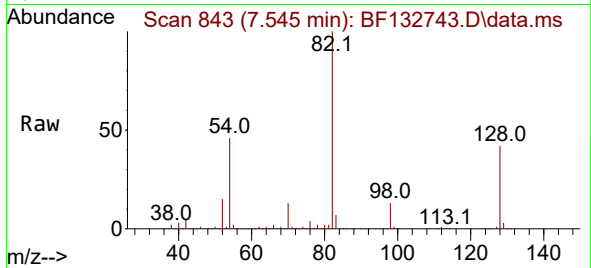




#25
Isophorone
Concen: 37.113 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

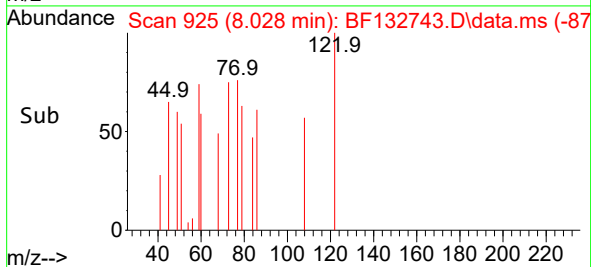
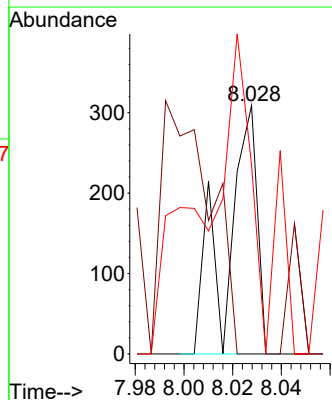
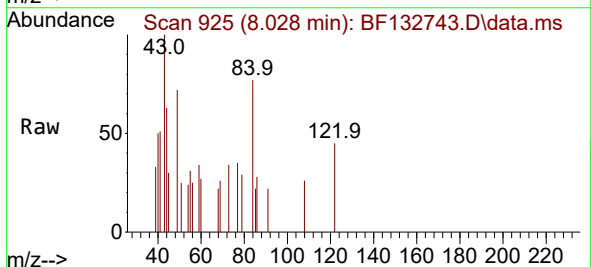
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

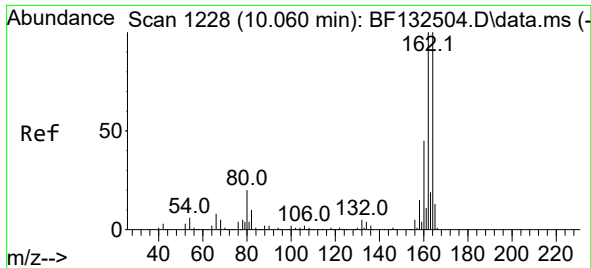
Tgt Ion: 82 Resp: 1275236
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.859 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.023 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:122 Resp: 265
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 76.1 70.2 110.2

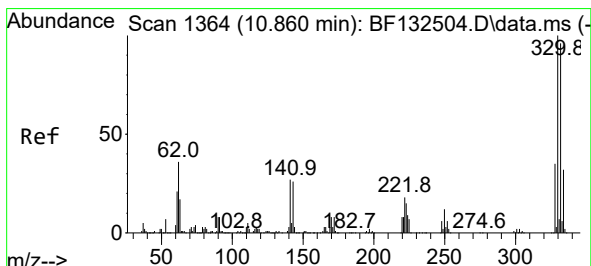
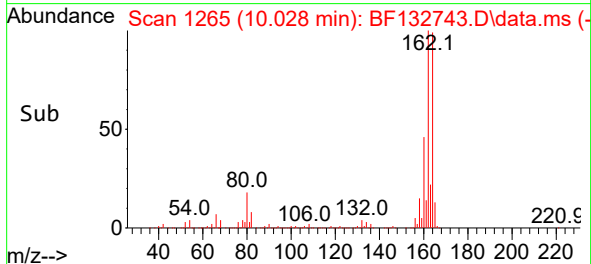
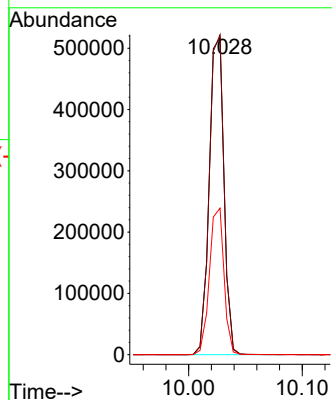
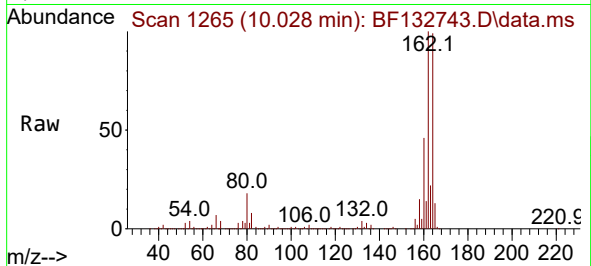




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

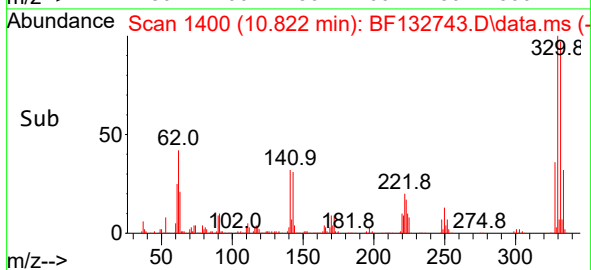
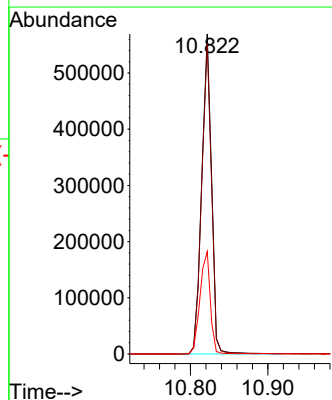
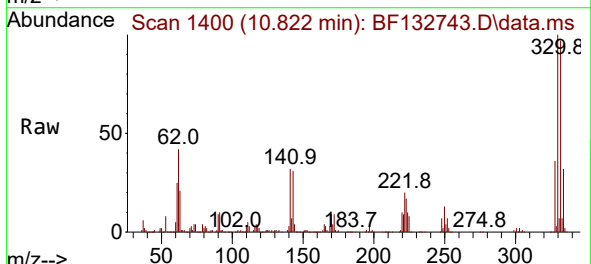
Instrument :
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ClientSampleId :
20230163-COMPOSITE-2

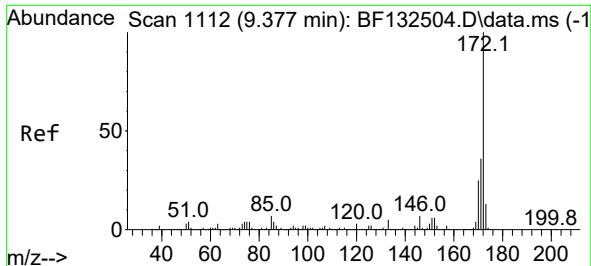
Tgt Ion:164 Resp: 465553
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 46.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 99.558 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:330 Resp: 500557
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 33.6 28.4 42.6

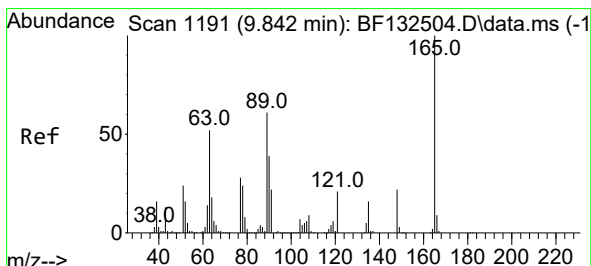
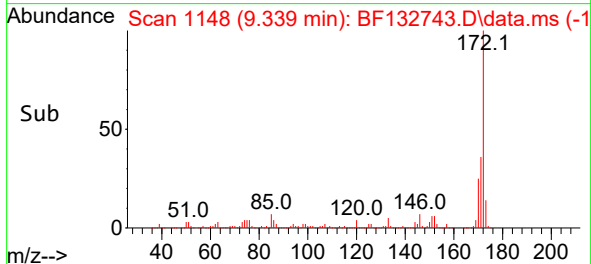
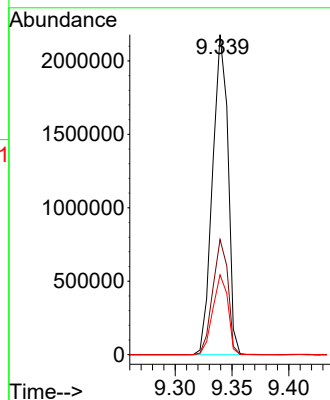
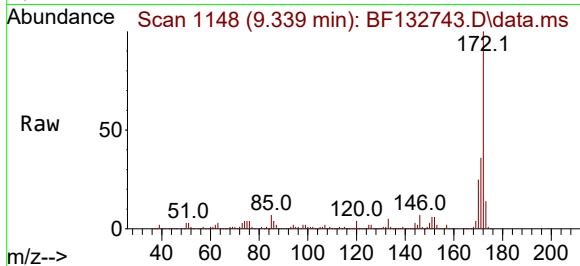




#45
2-Fluorobiphenyl
Concen: 67.237 ng
RT: 9.339 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

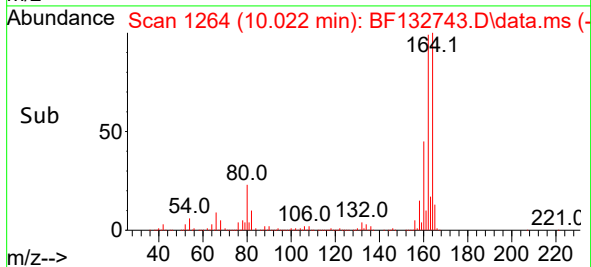
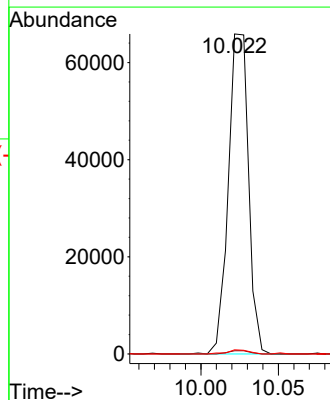
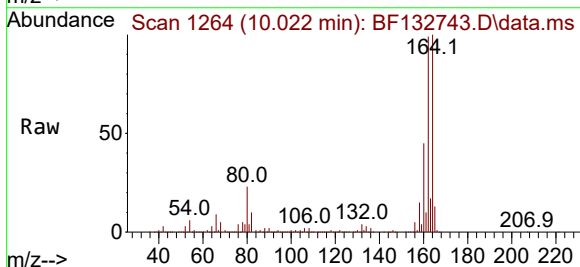
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20230163-COMPOSITE-2

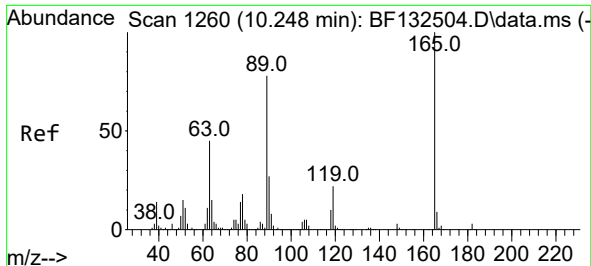
Tgt Ion:172 Resp: 2055759
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 25.0 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.732 ng
RT: 10.022 min Scan# 1264
Delta R.T. 0.206 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:165 Resp: 59689
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.3 48.9 73.3#





#57

2,4-Dinitrotoluene

Concen: 5.812 ng

RT: 10.022 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF132743.D

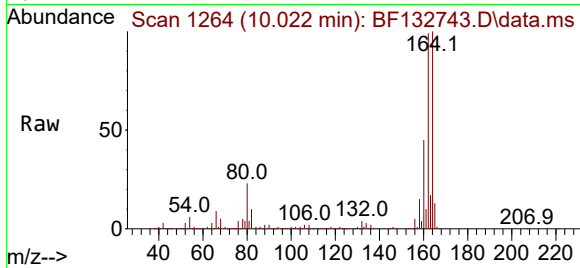
Acq: 10 Mar 2023 16:03

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2



Tgt Ion:165 Resp: 59689

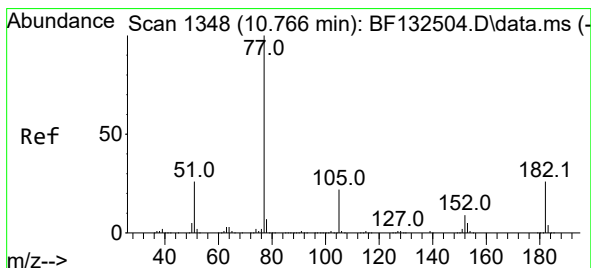
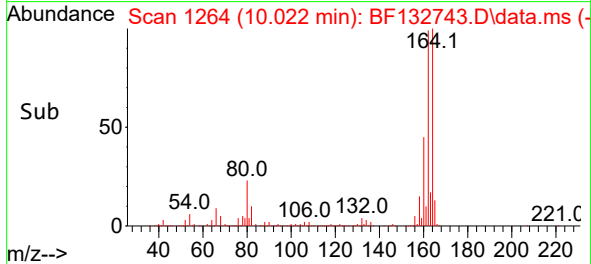
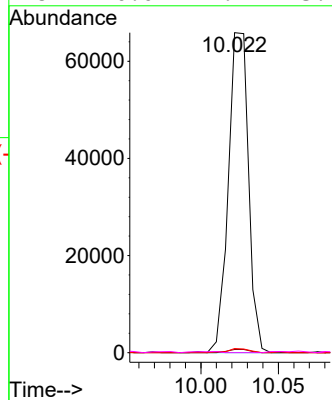
Ion Ratio Lower Upper

165 100

63 1.0 36.5 54.7#

89 1.3 62.4 93.6#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 5.835 ng

RT: 10.739 min Scan# 1386

Delta R.T. 0.006 min

Lab File: BF132743.D

Acq: 10 Mar 2023 16:03

Tgt Ion: 77 Resp: 204571

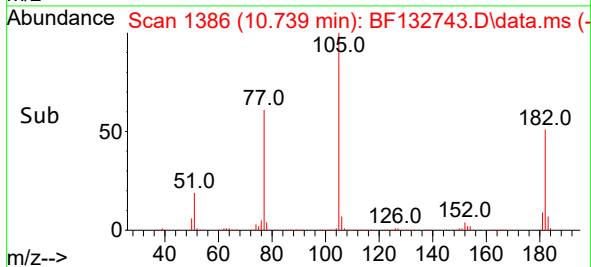
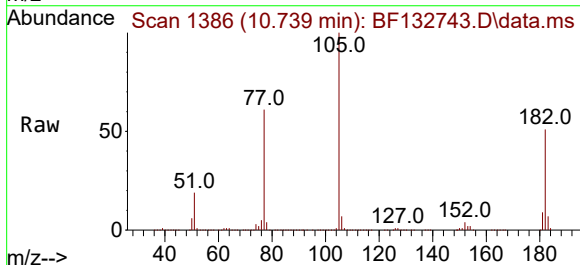
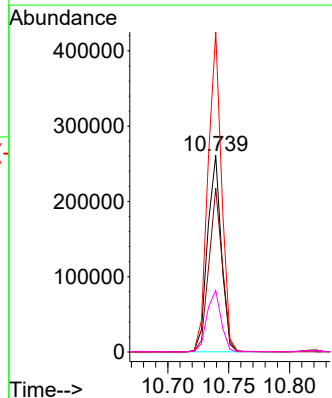
Ion Ratio Lower Upper

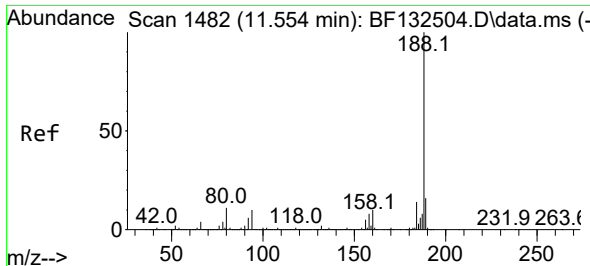
77 100

182 83.3 5.5 45.5#

105 162.7 1.8 41.8#

51 31.4 6.4 46.4

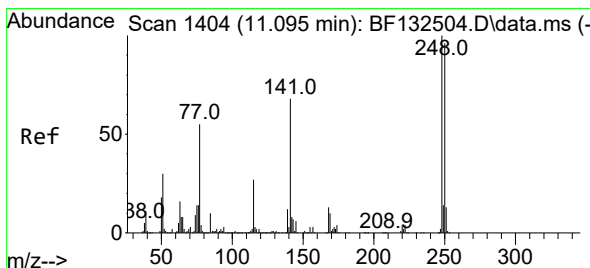
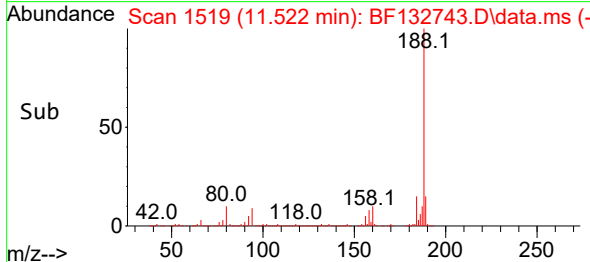
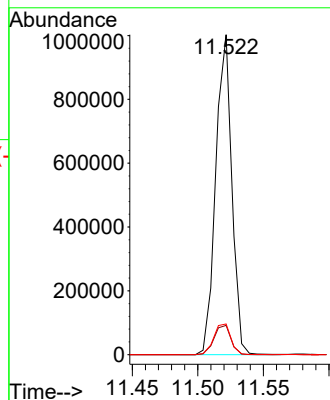
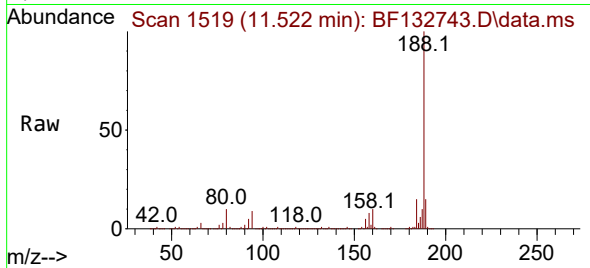




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

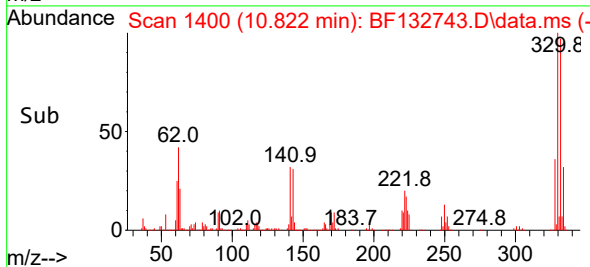
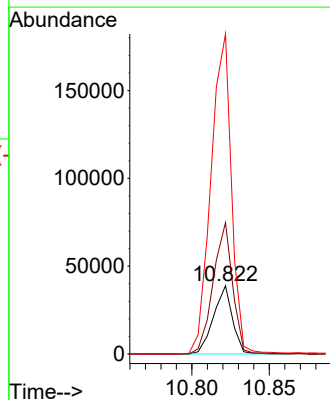
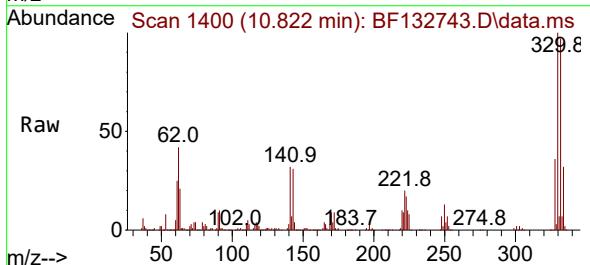
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

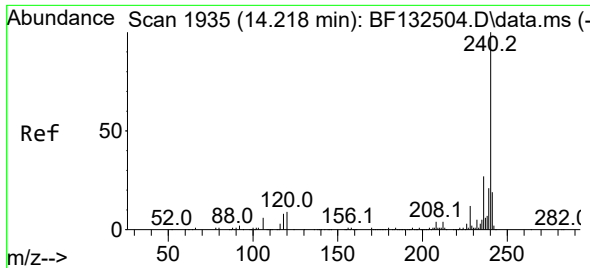
Tgt Ion:188 Resp: 853469
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.6 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 3.414 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.241 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:248 Resp: 32955
Ion Ratio Lower Upper
248 100
250 192.8 77.0 115.4#
141 469.7 54.2 81.2#

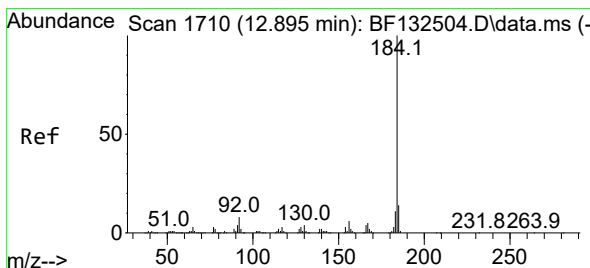
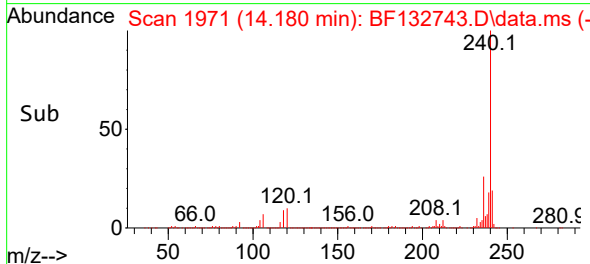
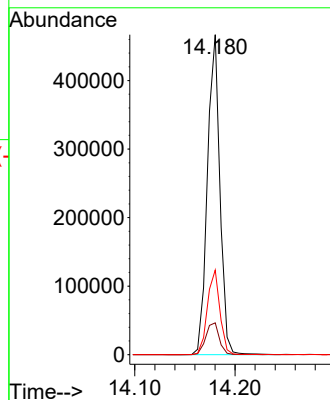
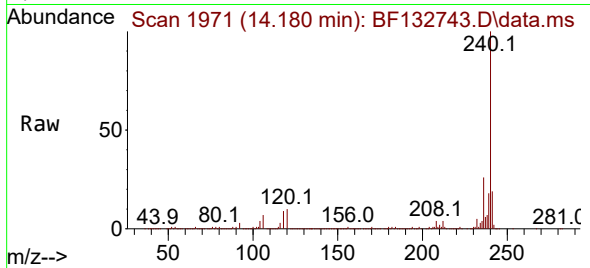




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

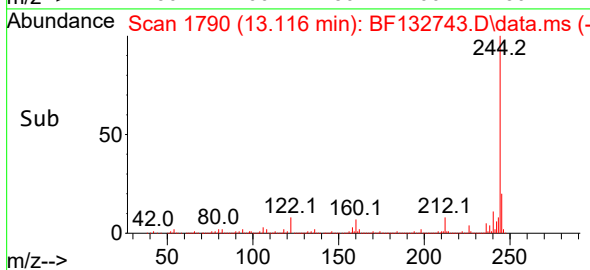
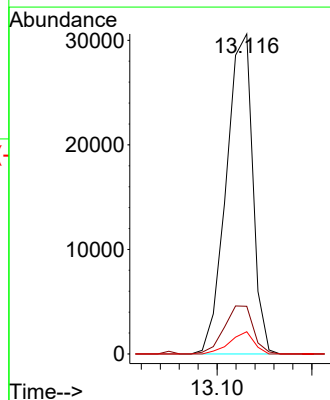
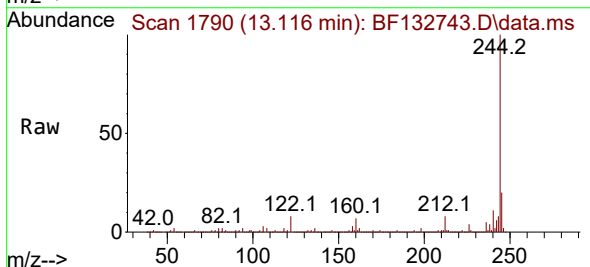
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

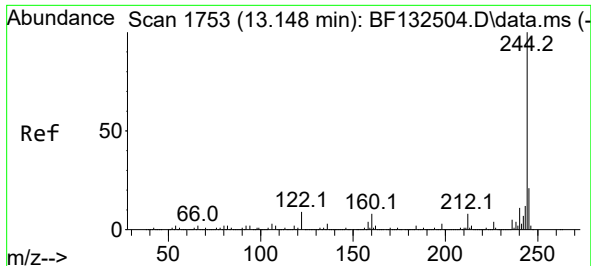
Tgt Ion:240 Resp: 406186
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.5 21.8 32.6



#77
Benidine
Concen: 3.004 ng
RT: 13.116 min Scan# 1790
Delta R.T. 0.247 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:184 Resp: 29702
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 7.0 8.7 13.1#

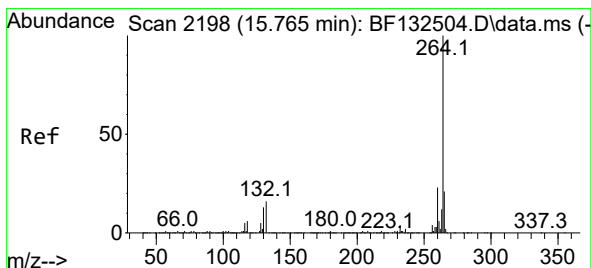
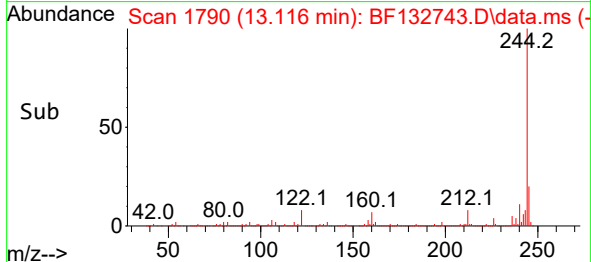
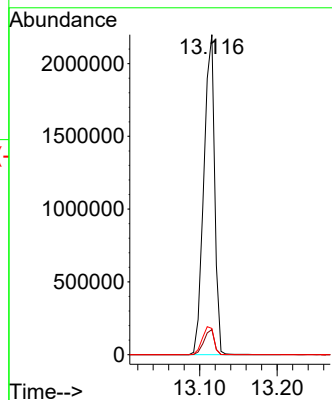
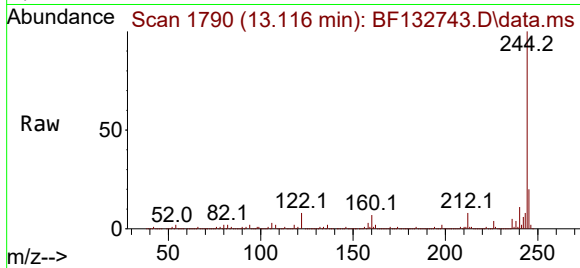




#79
Terphenyl-d14
Concen: 88.480 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

Tgt Ion:244 Resp: 2125643
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.2 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:264 Resp: 428772
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.1 17.1 25.7

