

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132741.D
 Acq On : 10 Mar 2023 14:59
 Operator : CG\JU
 Sample : 01853-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230168-COMPOSITE-2-ELUTRIATE

Quant Time: Mar 10 17:51:02 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)

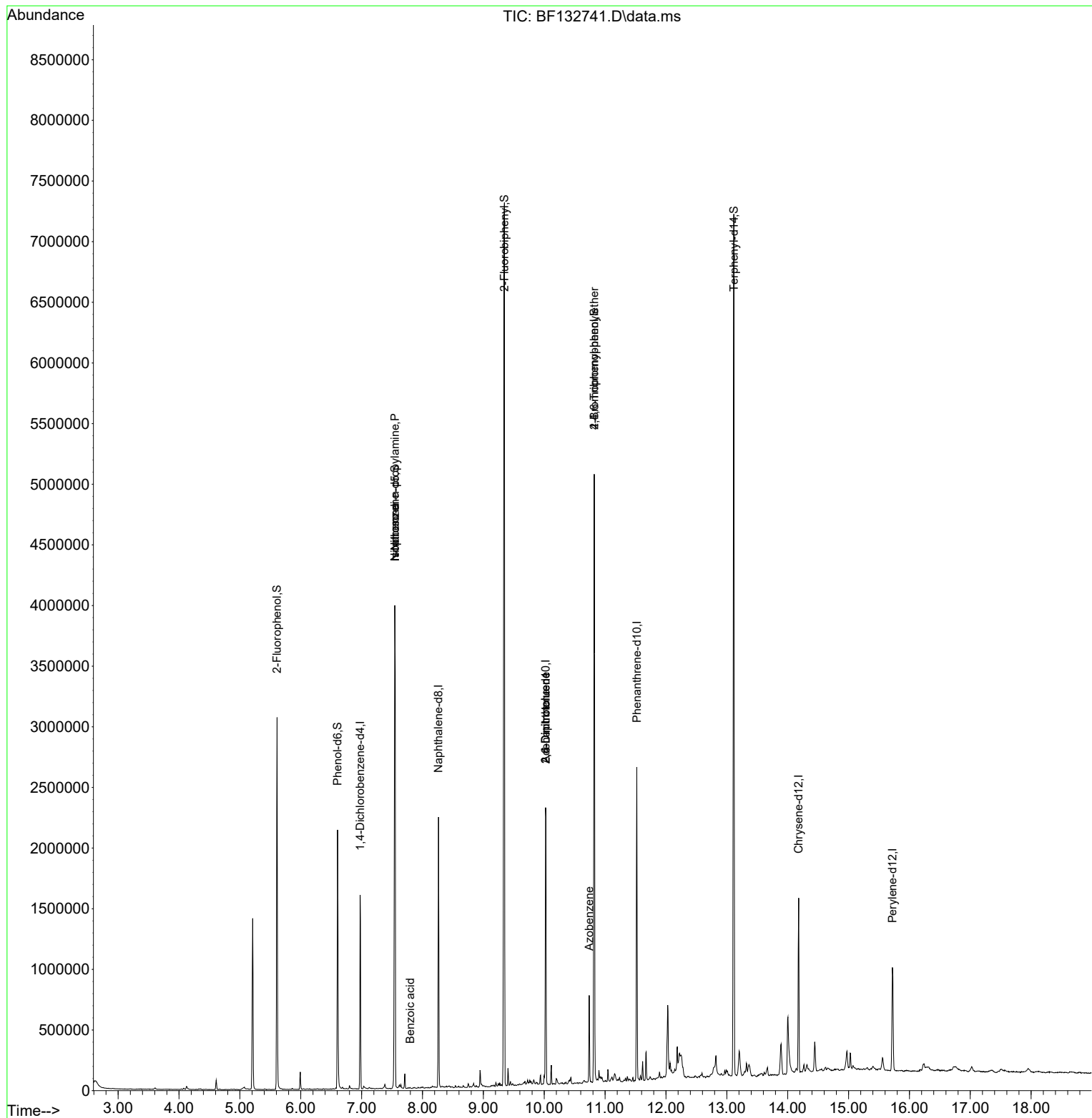
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	240390	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	888018	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	489531	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	915447	20.000	ng	0.00
76) Chrysene-d12	14.180	240	457374	20.000	ng	0.00
86) Perylene-d12	15.721	264	425911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	851214	57.469	ng	0.00
7) Phenol-d6	6.604	99	728753	37.699	ng	-0.02
23) Nitrobenzene-d5	7.545	82	1566927	83.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	660224	124.883	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2551537	79.364	ng	0.00
79) Terphenyl-d14	13.116	244	2645834	97.807	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	209084	17.575	ng	# 75
25) Isophorone	7.545	82	1562715	43.548	ng	# 67
32) Benzoic acid	7.798	122	399	3.869	ng	90
51) 2,6-Dinitrotoluene	10.022	165	63369	7.806	ng	# 23
57) 2,4-Dinitrotoluene	10.022	165	63369	5.868	ng	# 21
63) Azobenzene	10.739	77	118297	3.209	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	41836	4.040	ng	# 1

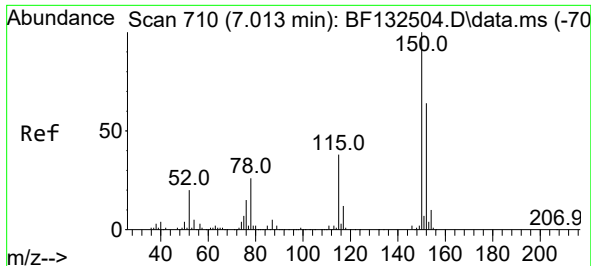
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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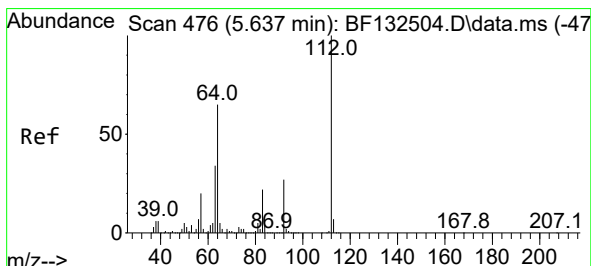
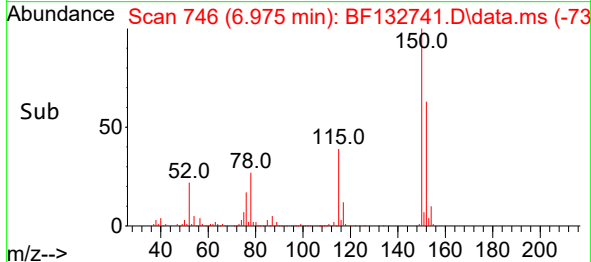
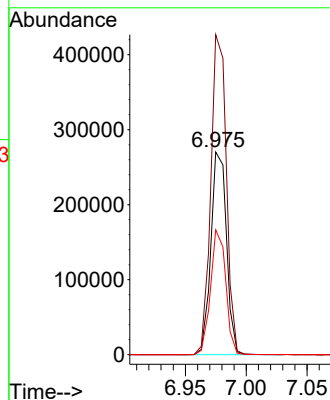
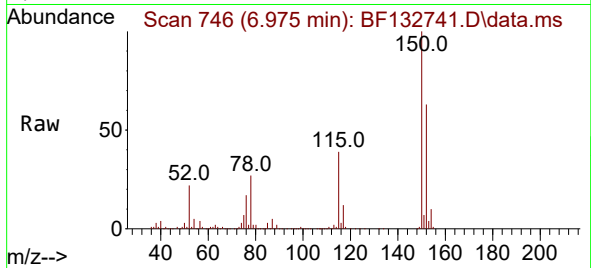




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

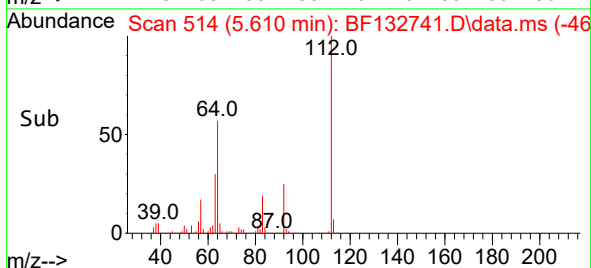
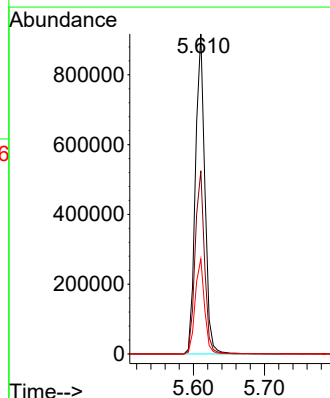
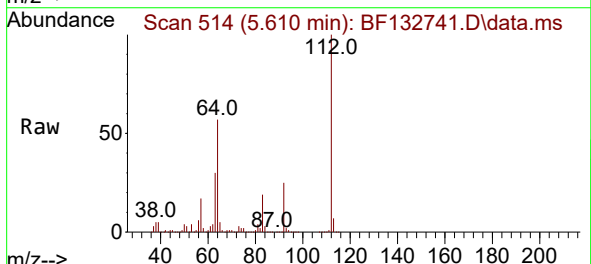
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

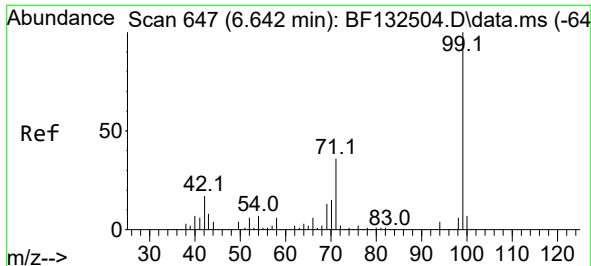
Tgt Ion:152 Resp: 240390
Ion Ratio Lower Upper
152 100
150 157.8 125.4 188.2
115 61.5 47.8 71.6



#5
2-Fluorophenol
Concen: 57.469 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:112 Resp: 851214
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 29.7 27.4 41.2

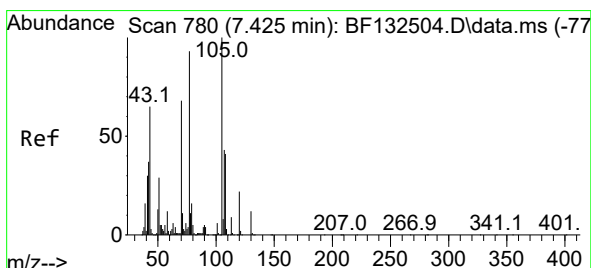
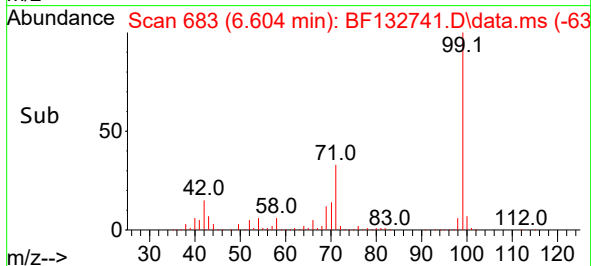
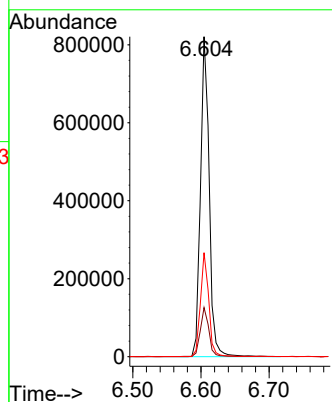
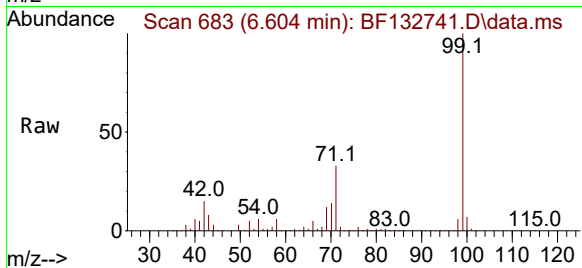




#7
Phenol-d6
Concen: 37.699 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

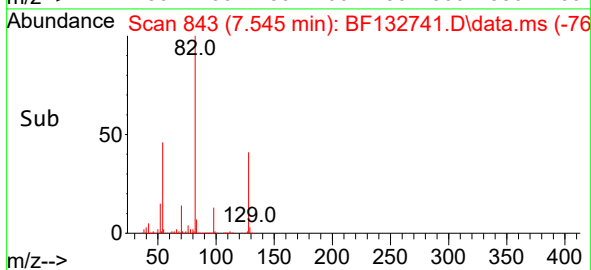
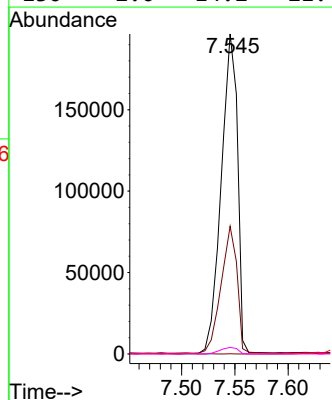
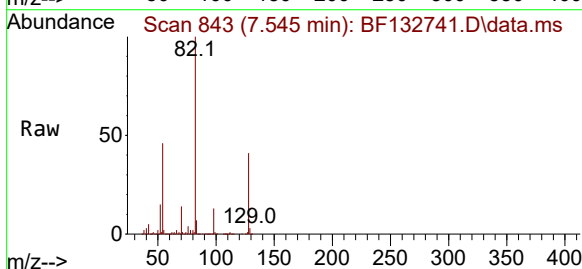
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

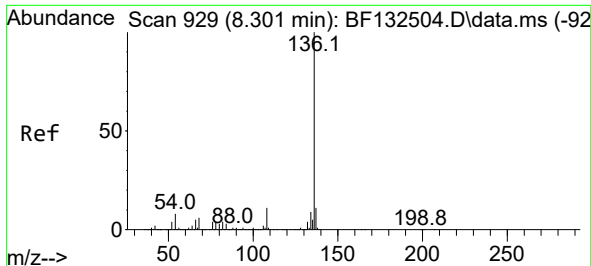
Tgt Ion: 99 Resp: 728753
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 32.5 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.575 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion: 70 Resp: 209084
Ion Ratio Lower Upper
70 100
42 39.9 44.1 66.1#
101 0.1 7.4 11.2#
130 2.0 14.2 21.4#



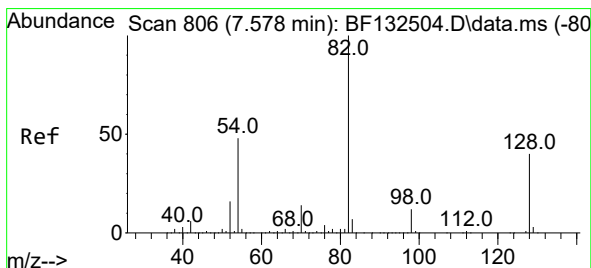
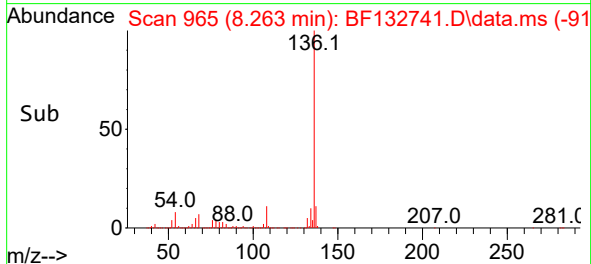
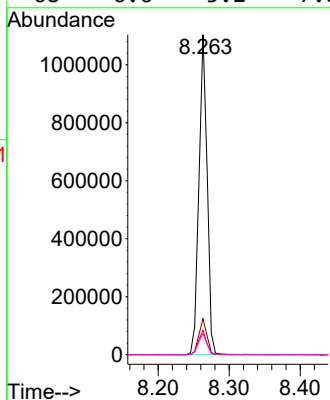
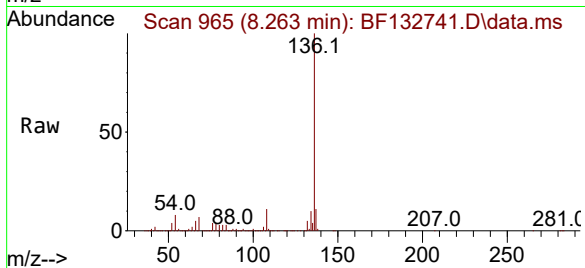


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

Tgt Ion:136 Resp: 888018

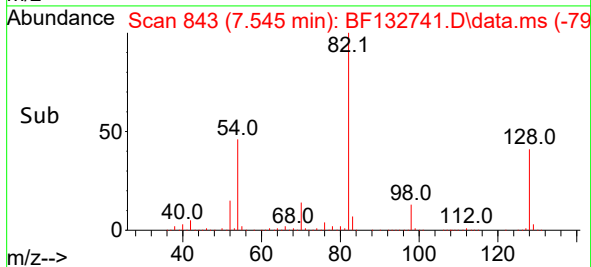
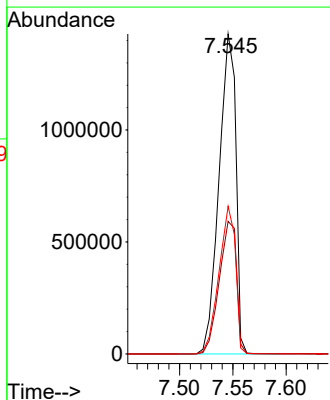
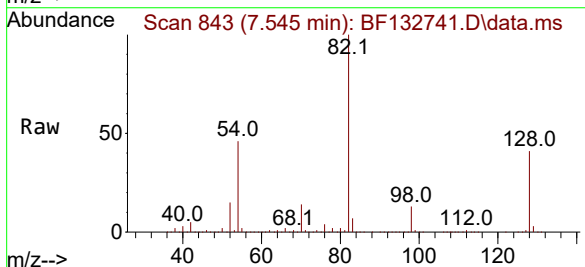
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.2	9.4
68	6.6	5.2	7.8

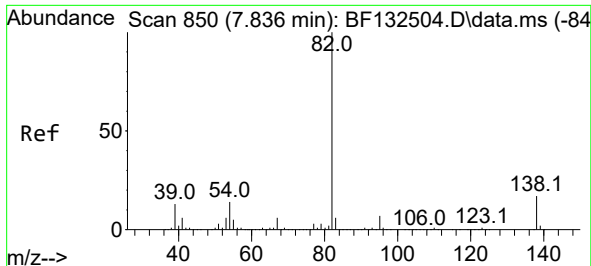


#23
Nitrobenzene-d5
Concen: 83.717 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion: 82 Resp: 1566927

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.2	48.2
54	46.2	38.4	57.6

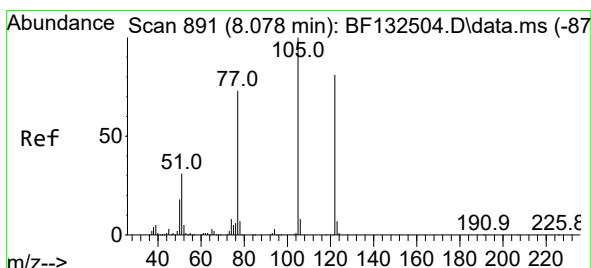
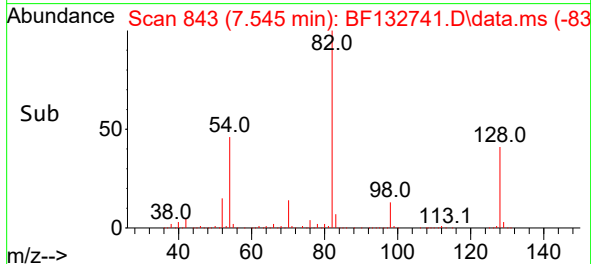
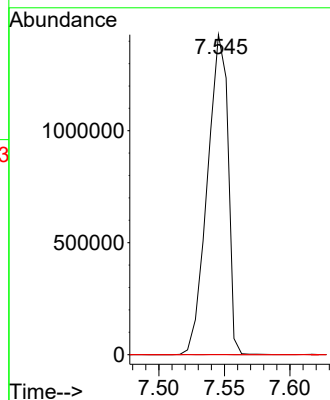
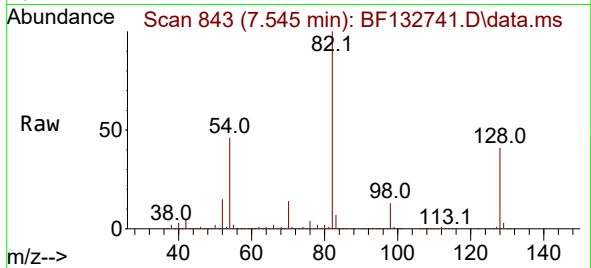




#25
Isophorone
Concen: 43.548 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

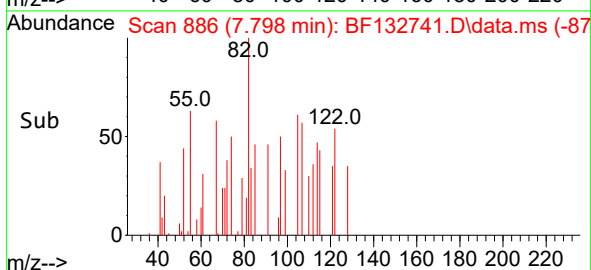
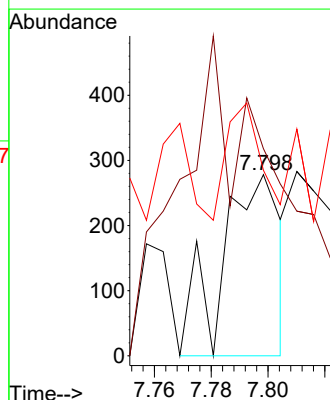
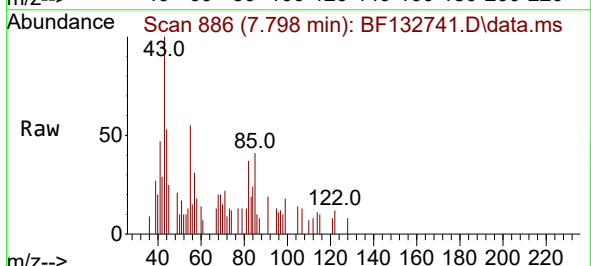
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

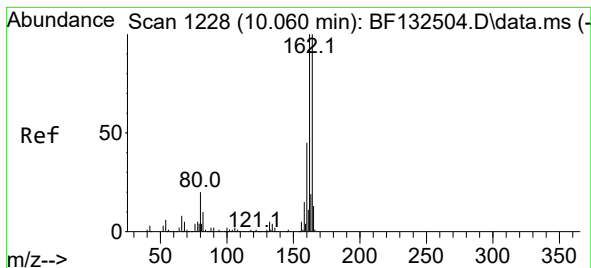
Tgt Ion: 82 Resp: 1562715
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.869 ng
RT: 7.798 min Scan# 886
Delta R.T. -0.253 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:122 Resp: 399
Ion Ratio Lower Upper
122 100
105 114.4 102.6 142.6
77 102.5 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF132741.D

Acq: 10 Mar 2023 14:59

Instrument :

BNA_F

ClientSampleId :

20230168-COMPOSITE-2-ELUTRIATE

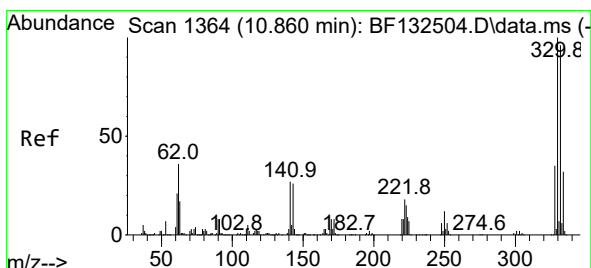
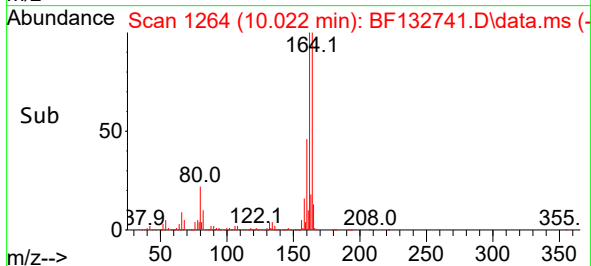
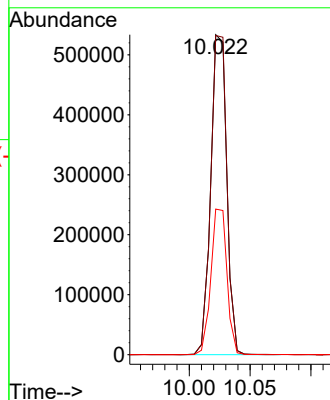
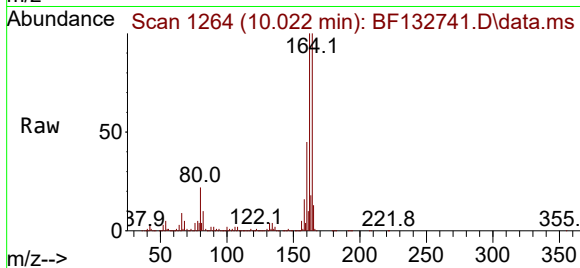
Tgt Ion:164 Resp: 489531

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

160 45.5 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 124.883 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132741.D

Acq: 10 Mar 2023 14:59

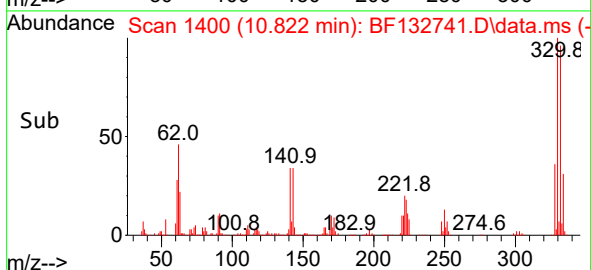
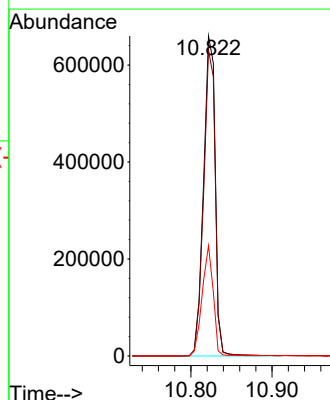
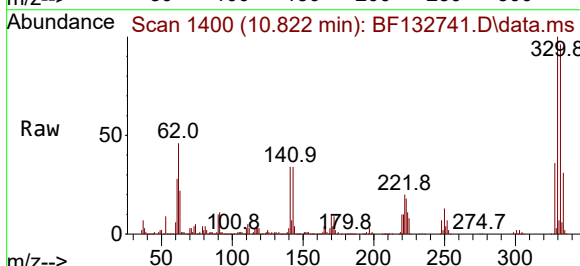
Tgt Ion:330 Resp: 660224

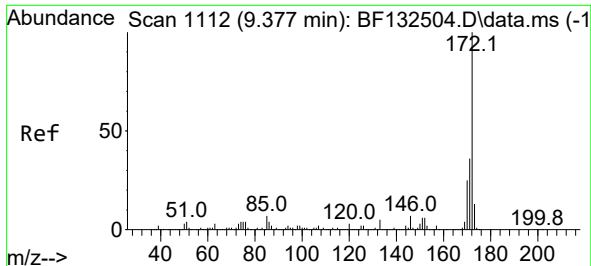
Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 32.8 28.4 42.6

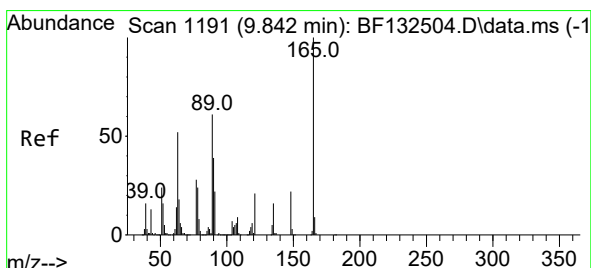
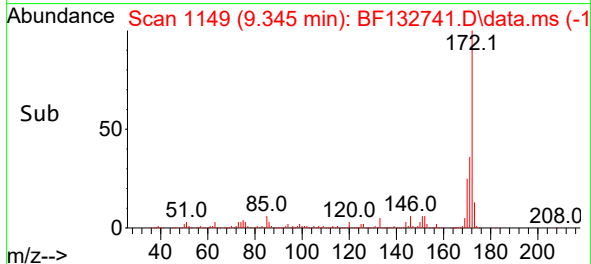
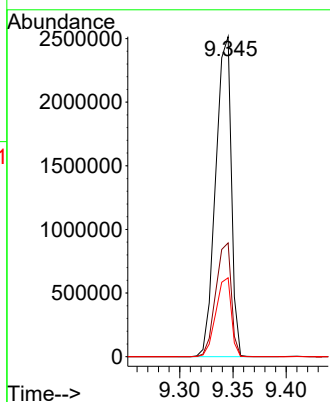
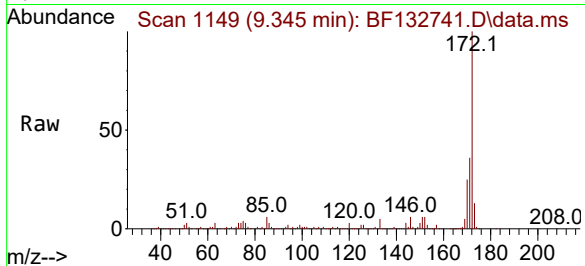




#45
2-Fluorobiphenyl
Concen: 79.364 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

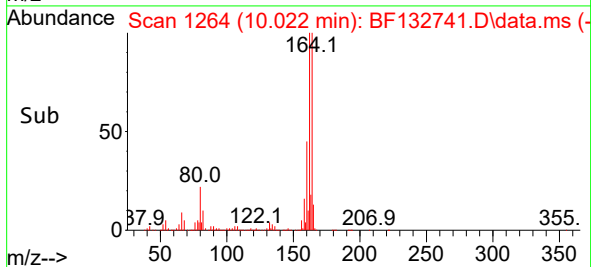
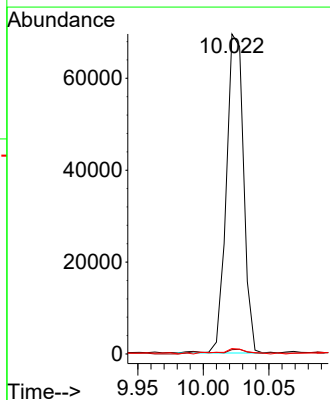
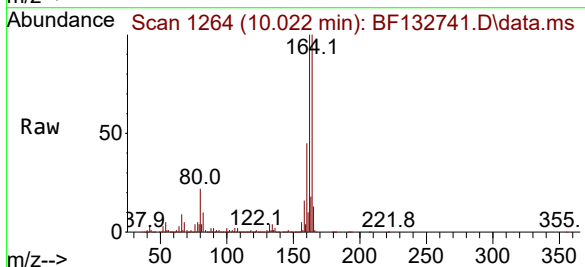
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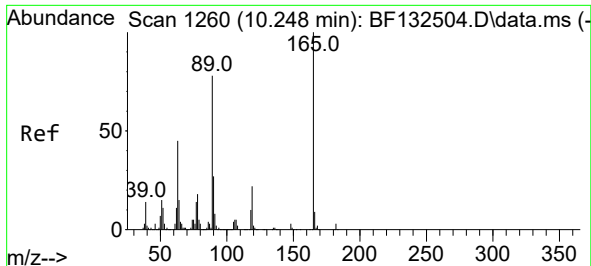
Tgt Ion:172 Resp: 2551537
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.7 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.806 ng
RT: 10.022 min Scan# 1264
Delta R.T. 0.206 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:165 Resp: 63369
Ion Ratio Lower Upper
165 100
63 1.4 47.3 70.9#
89 1.7 48.9 73.3#

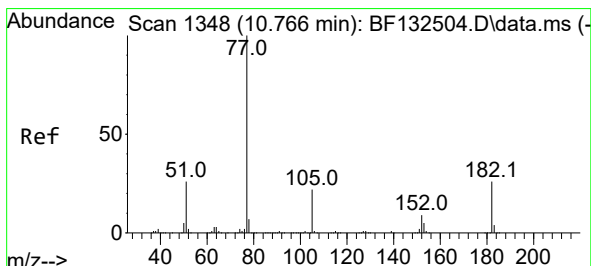
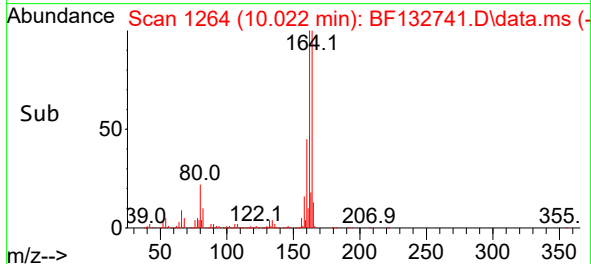
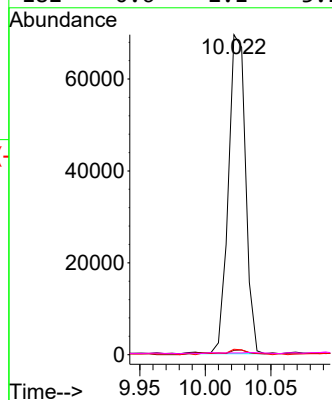
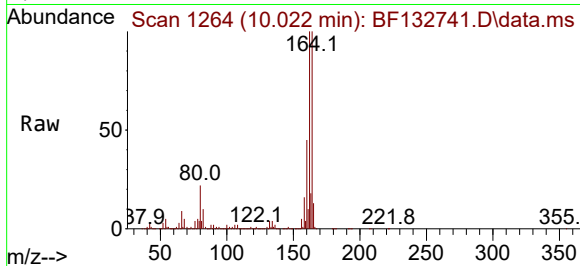




#57
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

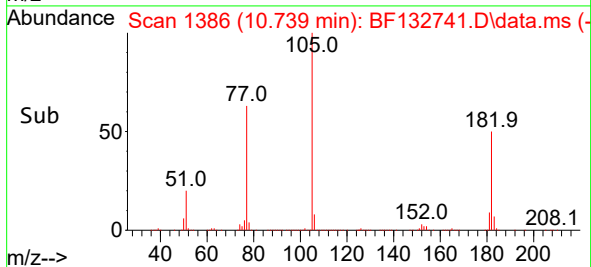
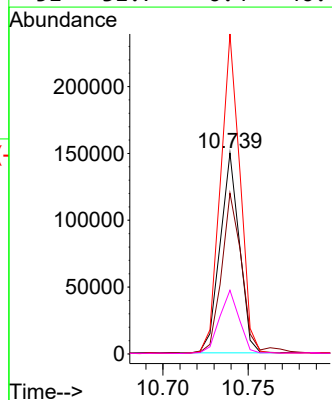
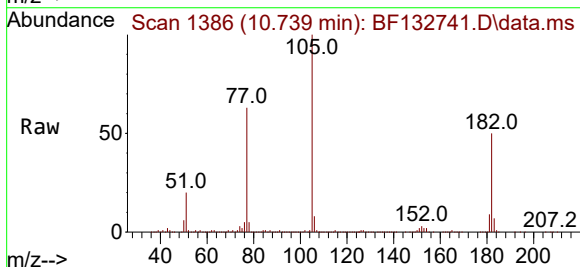
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

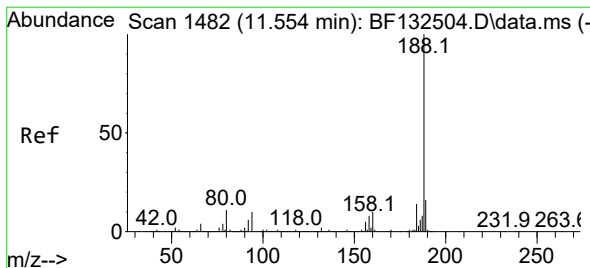
Tgt Ion:165 Resp: 63369
Ion Ratio Lower Upper
165 100
63 1.4 36.5 54.7#
89 1.7 62.4 93.6#
182 0.6 2.1 3.1#



#63
Azobenzene
Concen: 3.209 ng
RT: 10.739 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion: 77 Resp: 118297
Ion Ratio Lower Upper
77 100
182 80.0 5.5 45.5#
105 159.3 1.8 41.8#
51 31.7 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132741.D

Acq: 10 Mar 2023 14:59

Instrument :

BNA_F

ClientSampleId :

20230168-COMPOSITE-2-ELUTRIATE

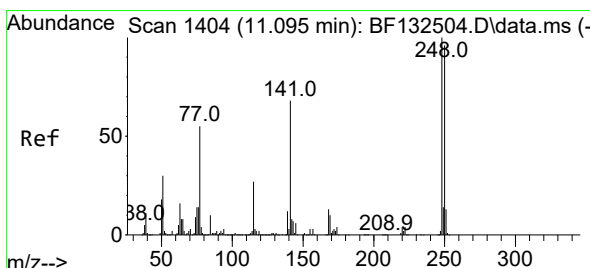
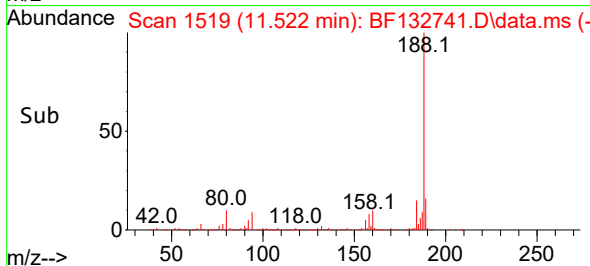
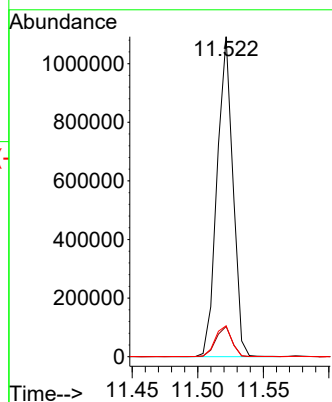
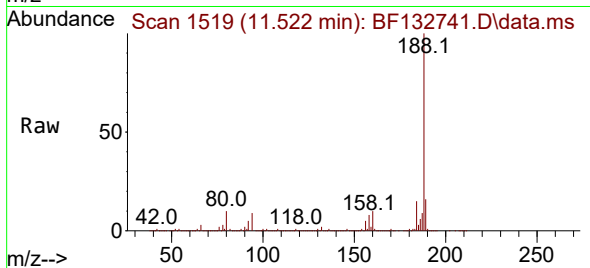
Tgt Ion:188 Resp: 915447

Ion Ratio Lower Upper

188 100

94 9.4 8.3 12.5

80 9.6 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 4.040 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.241 min

Lab File: BF132741.D

Acq: 10 Mar 2023 14:59

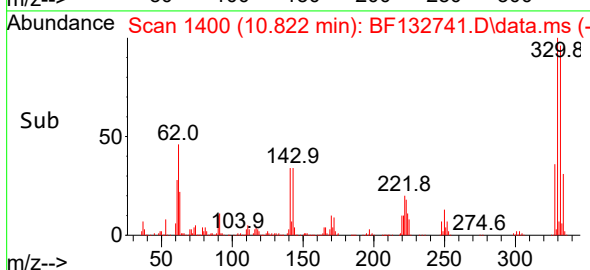
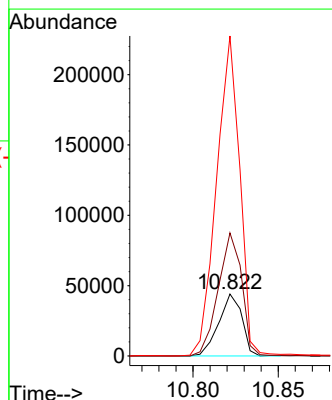
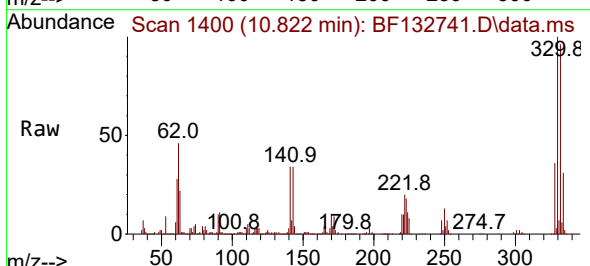
Tgt Ion:248 Resp: 41836

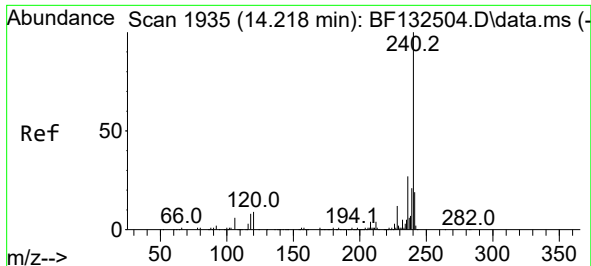
Ion Ratio Lower Upper

248 100

250 198.8 77.0 115.4#

141 517.2 54.2 81.2#

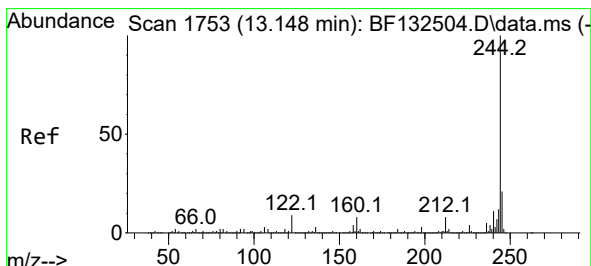
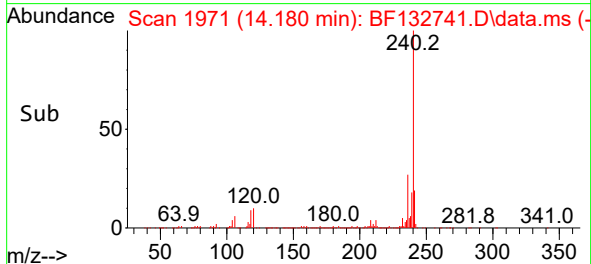
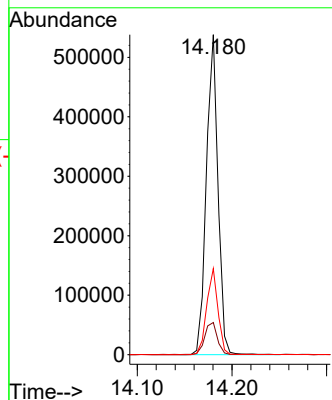
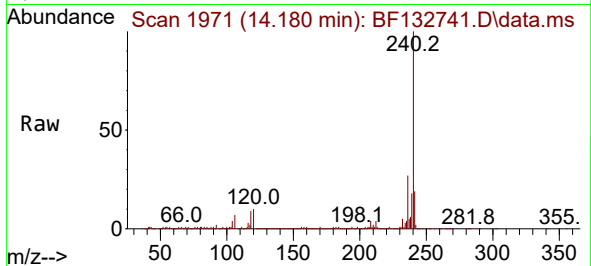




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

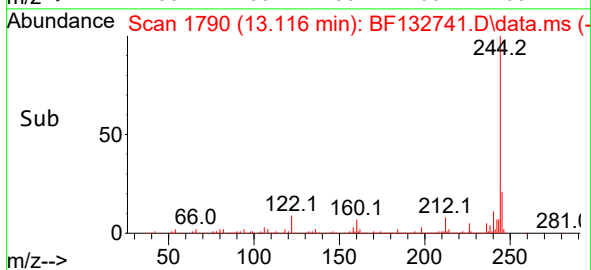
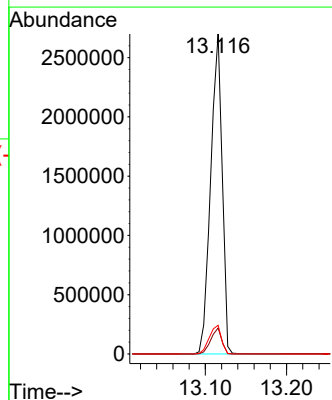
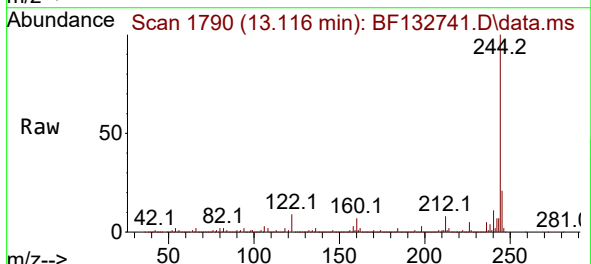
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

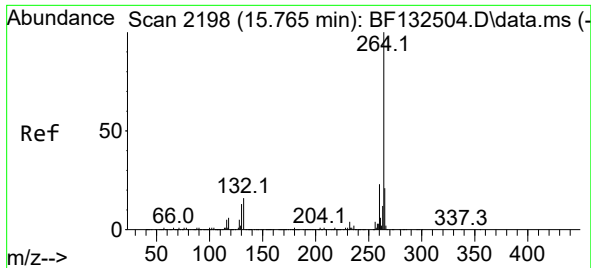
Tgt Ion:240 Resp: 457374
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.9 21.8 32.6



#79
Terphenyl-d14
Concen: 97.807 ng
RT: 13.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

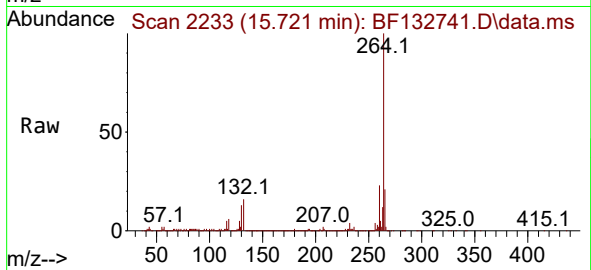
Tgt Ion:244 Resp: 2645834
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.0 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE



Tgt Ion:264 Resp: 425911

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.3	17.1	25.7

