

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132546.D
 Acq On : 27 Feb 2023 11:31
 Operator : CG\JU
 Sample : PB151039TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151039TB

Quant Time: Feb 27 13:19:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

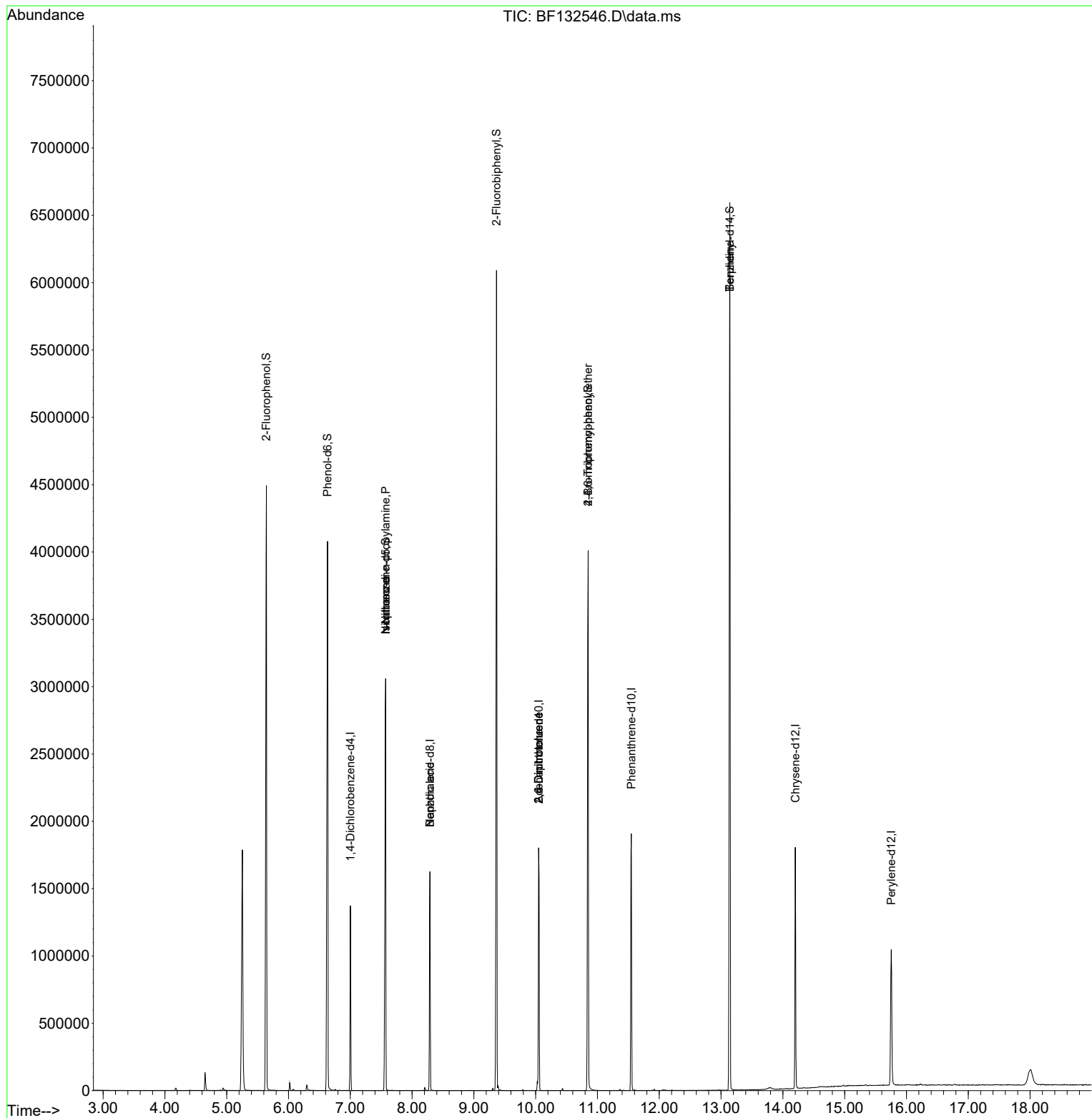
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	178194	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	660994	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	366374	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	734456	20.000	ng	# 0.00
76) Chrysene-d12	14.201	240	591931	20.000	ng	0.00
86) Perylene-d12	15.754	264	513021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1278548	116.449	ng	0.01
7) Phenol-d6	6.631	99	1659750	115.830	ng	0.00
23) Nitrobenzene-d5	7.572	82	1130463	81.142	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	499057	126.130	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1815555	75.455	ng	0.00
79) Terphenyl-d14	13.142	244	2473743	70.658	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	154228	17.489	ng	# 76
25) Isophorone	7.572	82	1128834	42.261	ng	# 67
32) Benzoic acid	8.289	122	73	3.844	ng	# 1
51) 2,6-Dinitrotoluene	10.048	165	48338	7.956	ng	# 22
57) 2,4-Dinitrotoluene	10.048	165	48338	5.981	ng	# 21
67) 4-Bromophenyl-phenylether	10.848	248	32645	3.929	ng	# 1
77) Benzidine	13.142	184	37350	2.592	ng	# 93

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

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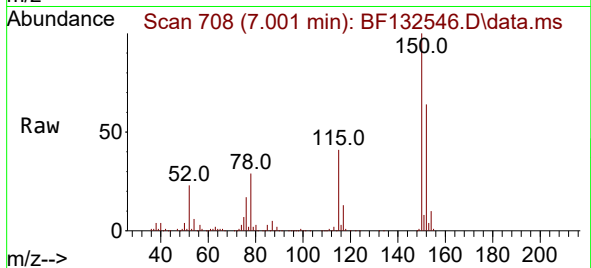
Quant Time: Feb 27 13:19:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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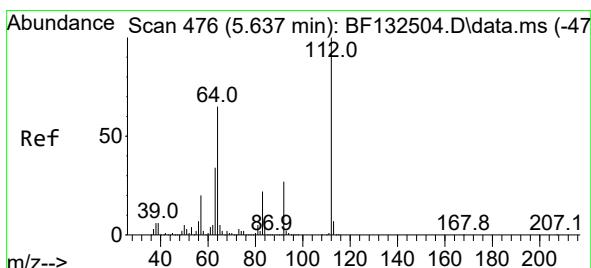
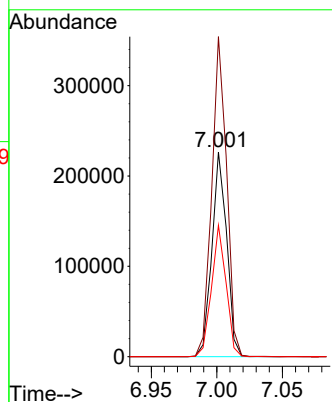
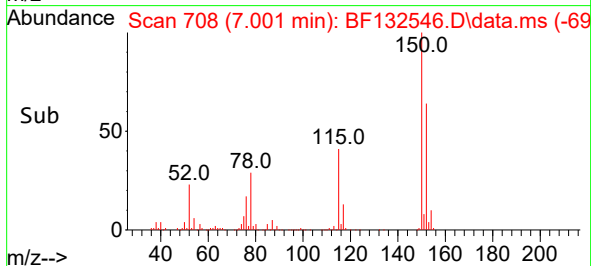


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

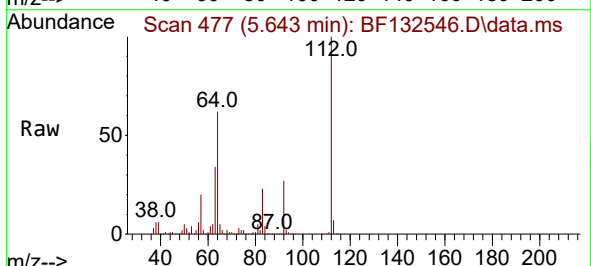
Instrument :
BNA_F
ClientSampleId :
PB151039TB



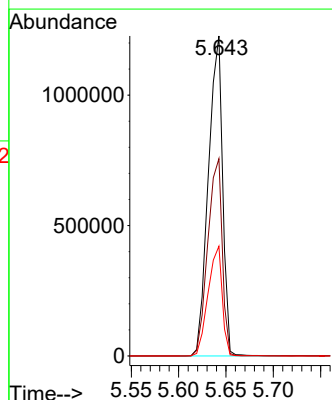
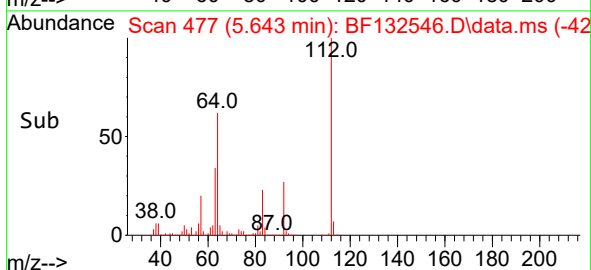
Tgt Ion:152 Resp: 178194
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.2
115 64.2 47.8 71.6

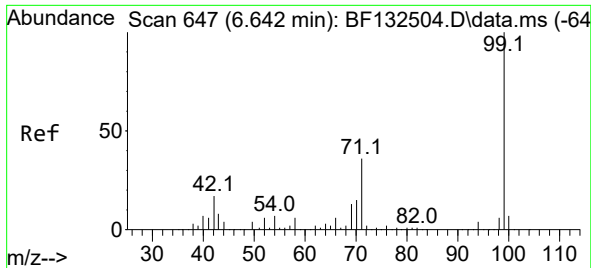


#5
2-Fluorophenol
Concen: 116.449 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.012 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31



Tgt Ion:112 Resp: 1278548
Ion Ratio Lower Upper
112 100
64 61.6 51.6 77.4
63 34.3 27.4 41.2

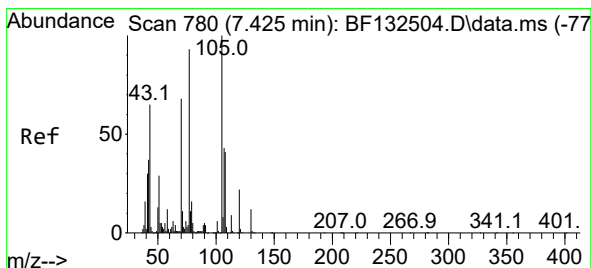
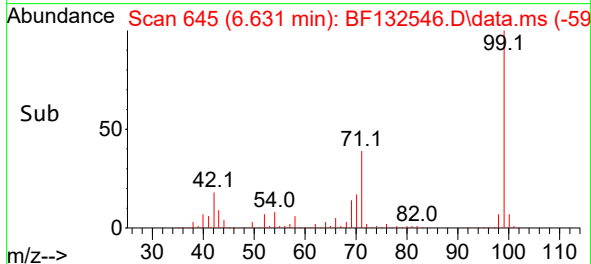
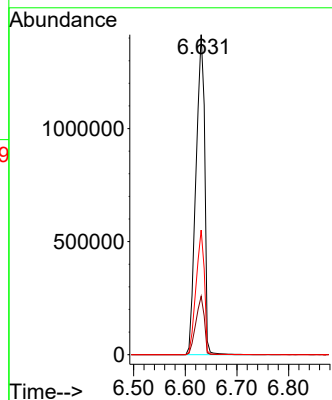
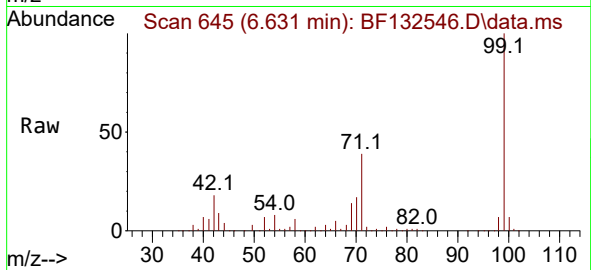




#7
Phenol-d6
Concen: 115.830 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

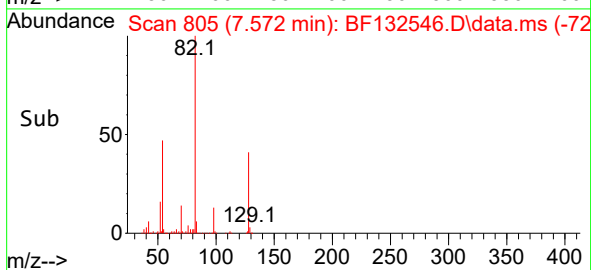
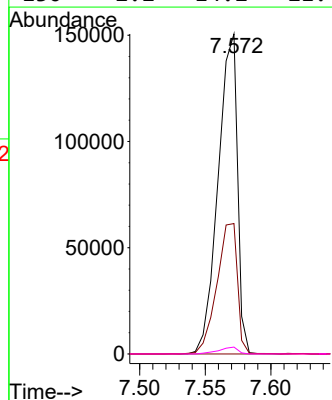
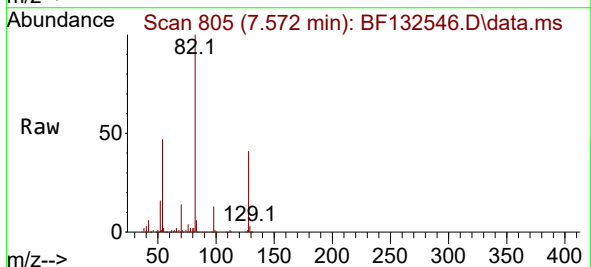
Instrument :
BNA_F
ClientSampleId :
PB151039TB

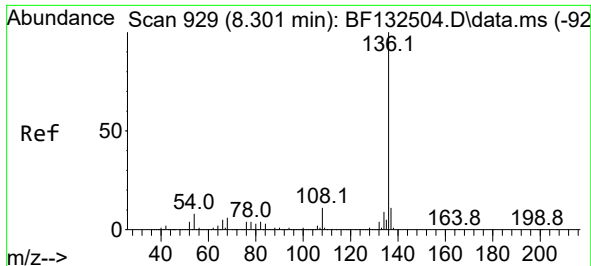
Tgt Ion: 99 Resp: 1659750
Ion Ratio Lower Upper
99 100
42 18.2 13.9 20.9
71 38.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.489 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.153 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion: 70 Resp: 154228
Ion Ratio Lower Upper
70 100
42 40.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



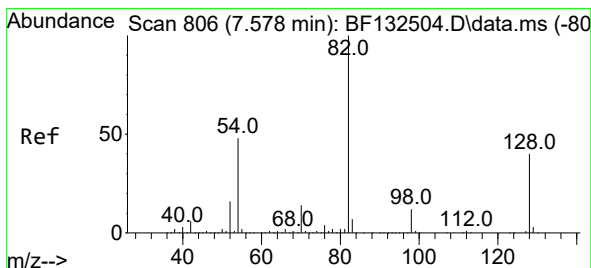
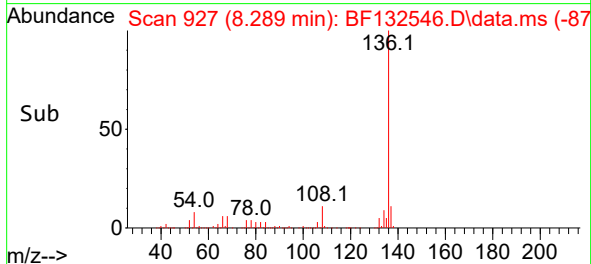
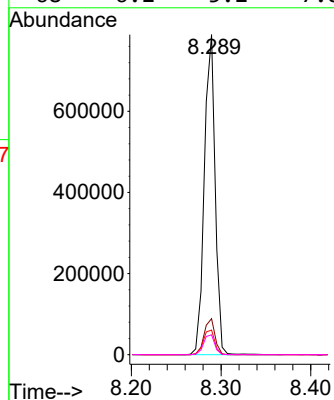
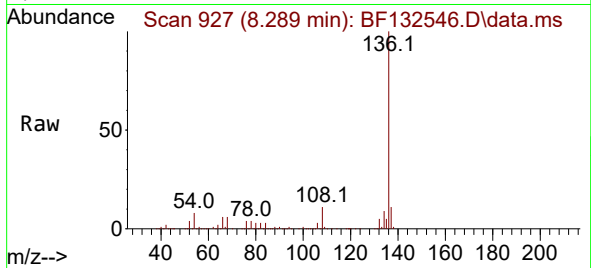


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB151039TB

Tgt Ion:136 Resp: 660994

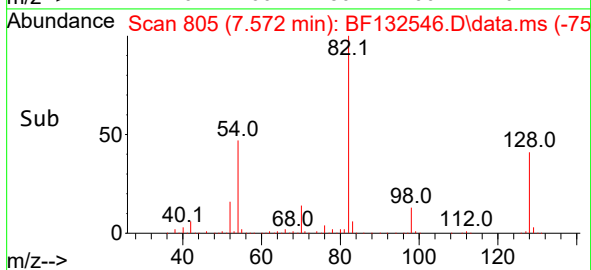
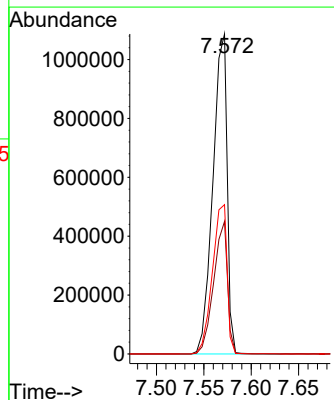
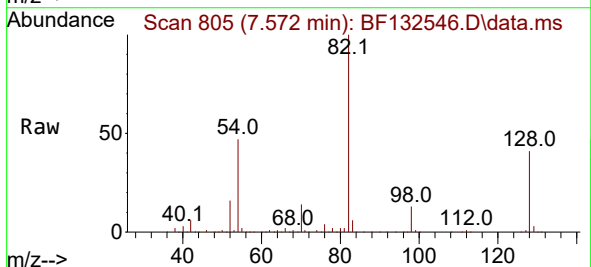
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.7	6.2	9.4
68	6.2	5.2	7.8

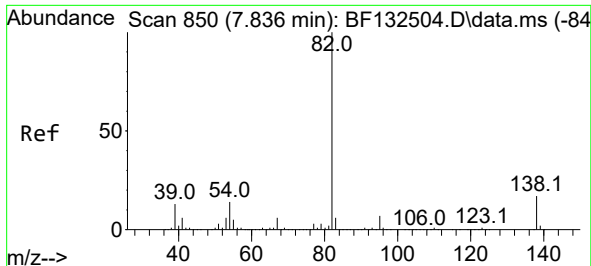


#23
Nitrobenzene-d5
Concen: 81.142 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion: 82 Resp: 1130463

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.2	48.2
54	46.7	38.4	57.6

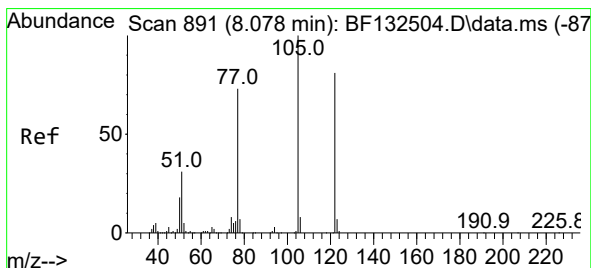
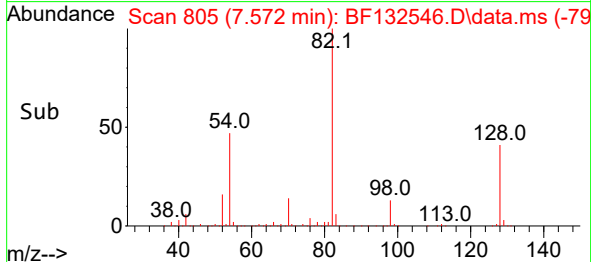
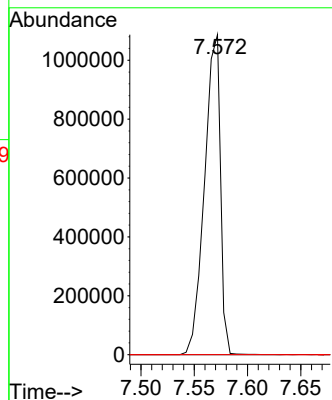
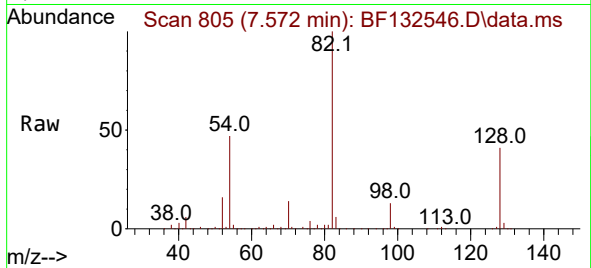




#25
Isophorone
Concen: 42.261 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.253 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

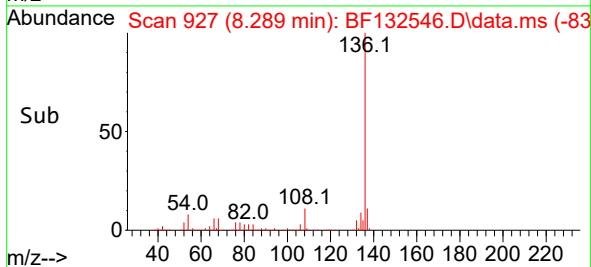
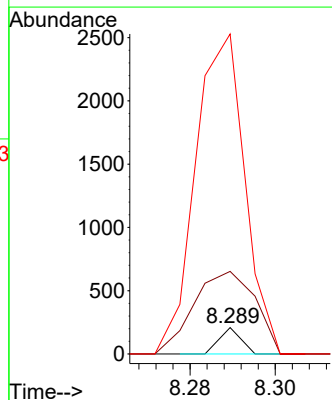
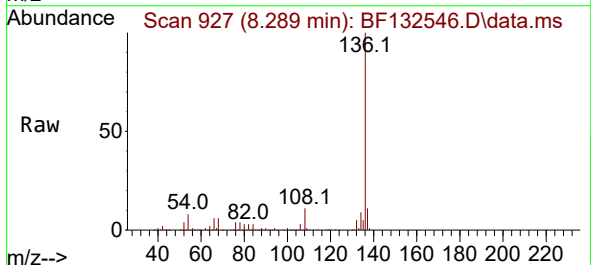
Instrument :
BNA_F
ClientSampleId :
PB151039TB

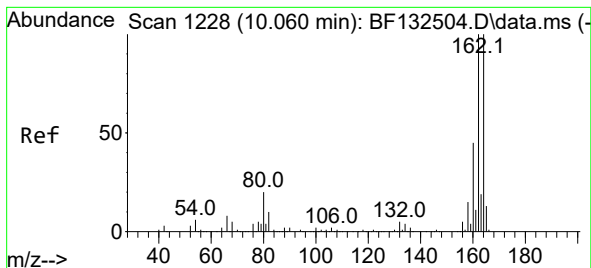
Tgt Ion: 82 Resp: 1128834
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.844 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.224 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 313.9 102.6 142.6#
77 1215.9 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.048 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132546.D

Acq: 27 Feb 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB151039TB

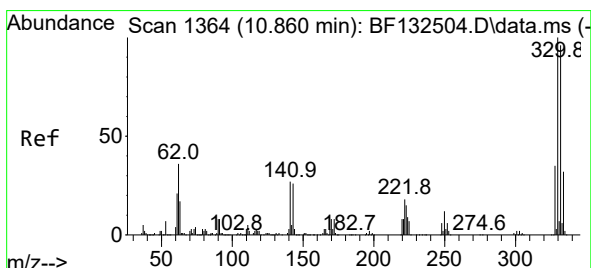
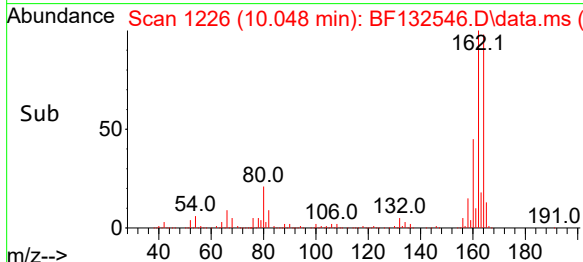
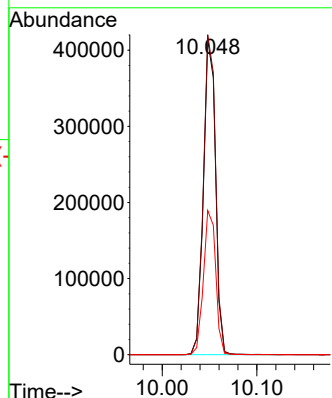
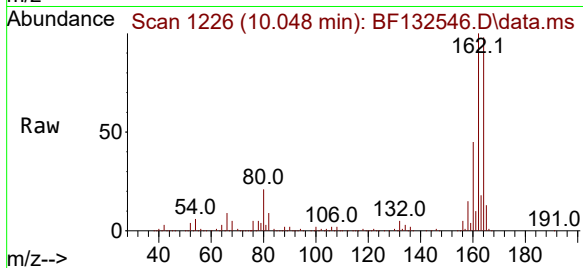
Tgt Ion:164 Resp: 366374

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.8

160 45.8 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 126.130 ng

RT: 10.848 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF132546.D

Acq: 27 Feb 2023 11:31

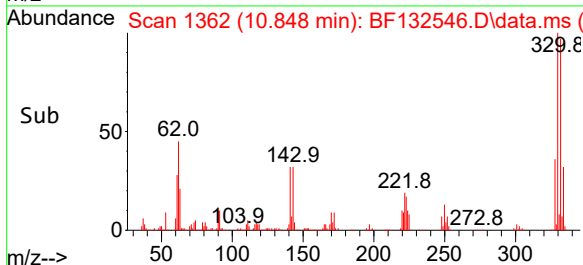
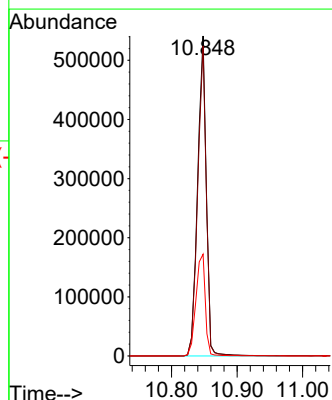
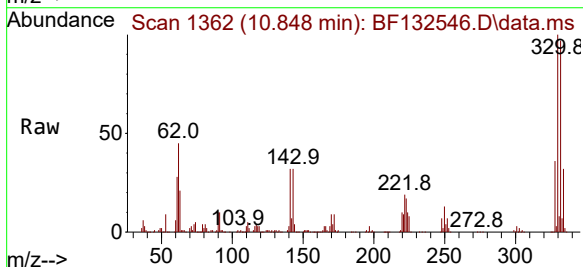
Tgt Ion:330 Resp: 499057

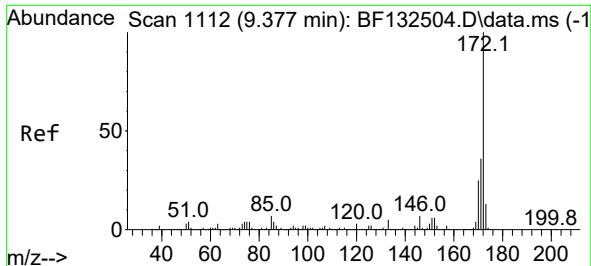
Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 34.7 28.4 42.6

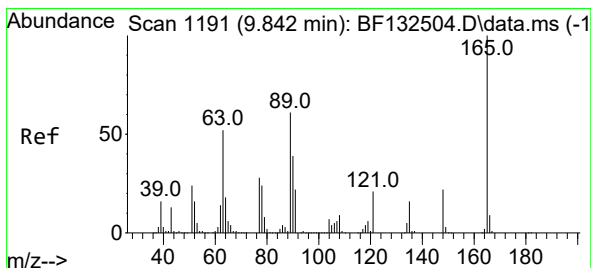
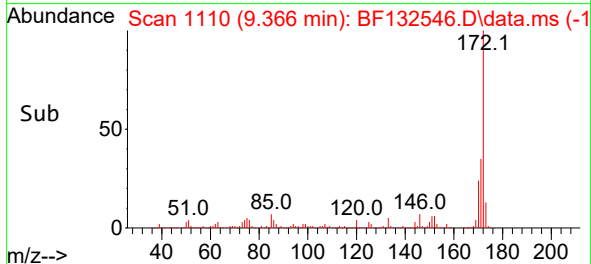
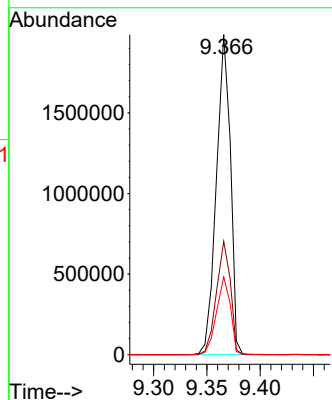
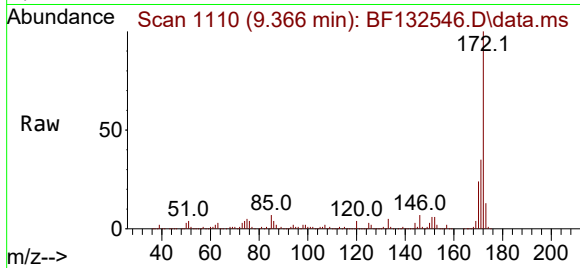




#45
2-Fluorobiphenyl
Concen: 75.455 ng
RT: 9.366 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

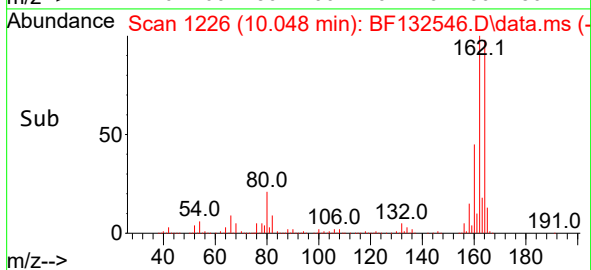
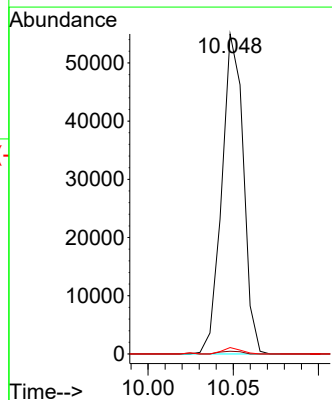
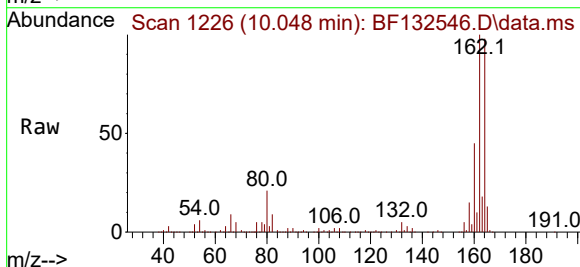
Instrument :
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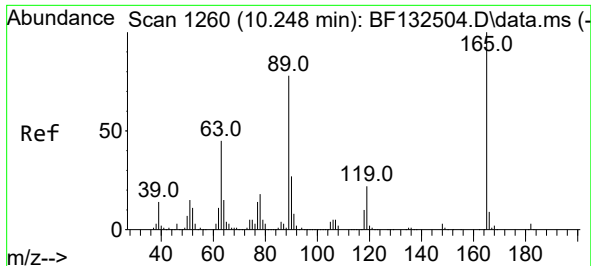
Tgt Ion:172 Resp: 1815555
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.956 ng
RT: 10.048 min Scan# 1226
Delta R.T. 0.212 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:165 Resp: 48338
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 2.0 48.9 73.3#

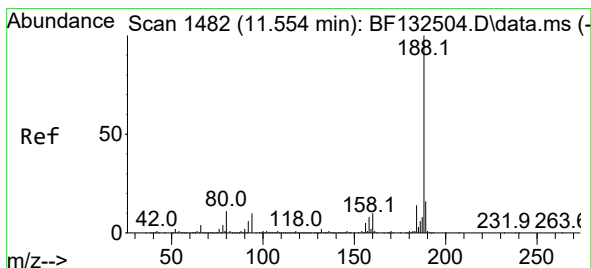
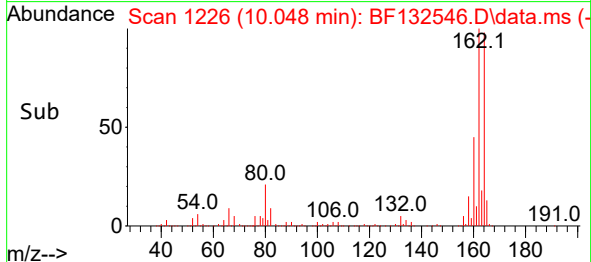
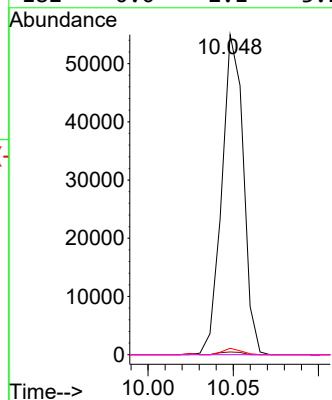
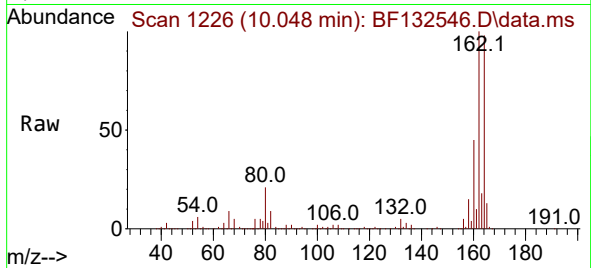




#57
2,4-Dinitrotoluene
Concen: 5.981 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

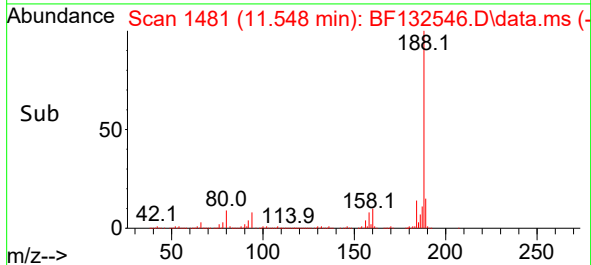
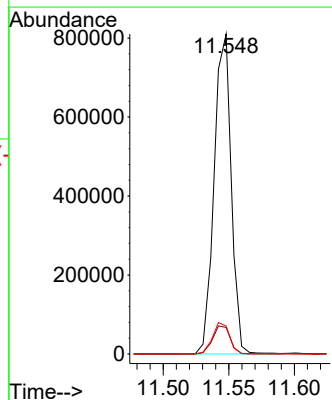
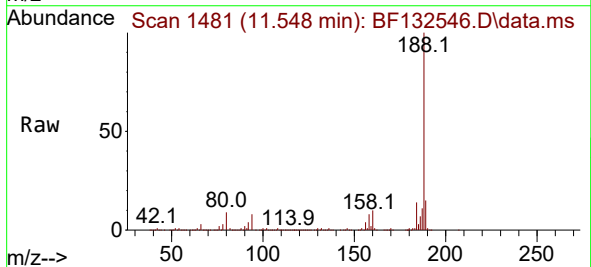
Instrument :
BNA_F
ClientSampleId :
PB151039TB

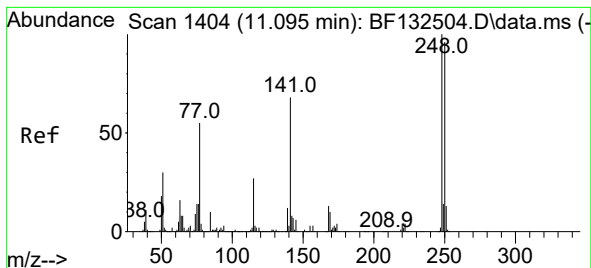
Tgt Ion:165 Resp: 48338
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 2.0 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:188 Resp: 734456
Ion Ratio Lower Upper
188 100
94 8.3 8.3 12.5#
80 8.7 8.7 13.1

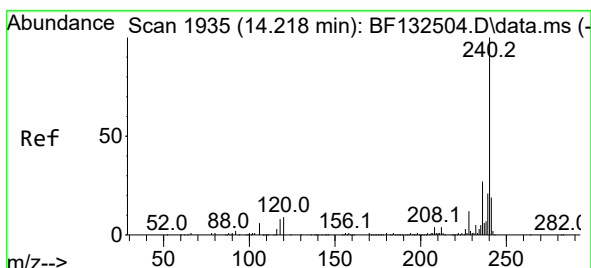
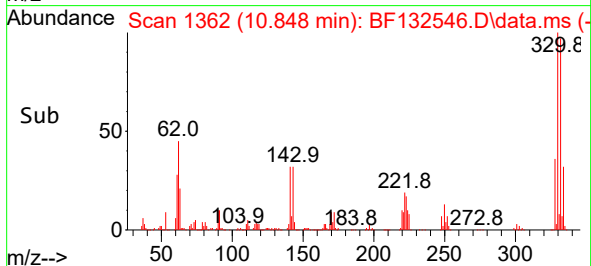
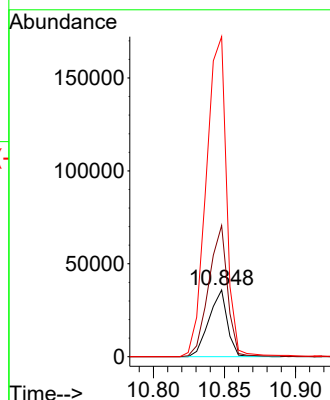
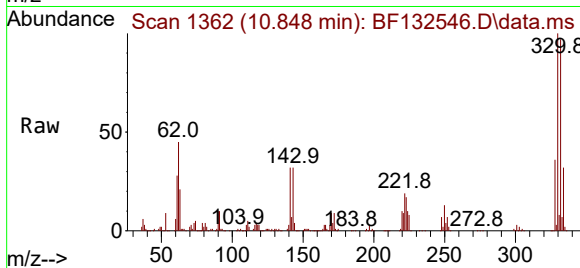




#67
4-Bromophenyl-phenylether
Concen: 3.929 ng
RT: 10.848 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

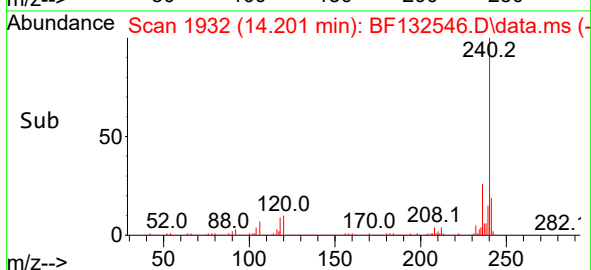
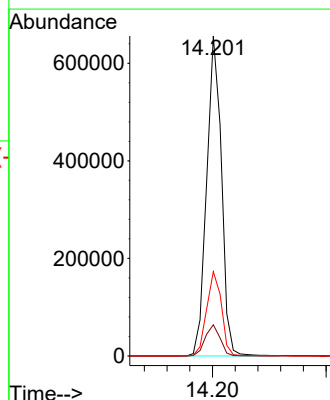
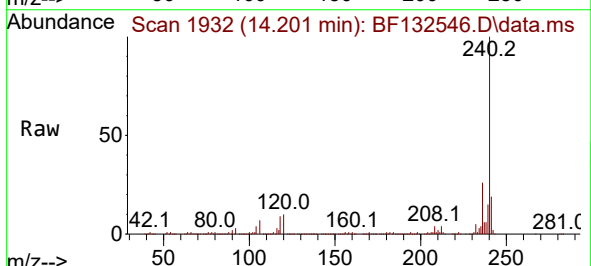
Instrument :
BNA_F
ClientSampleId :
PB151039TB

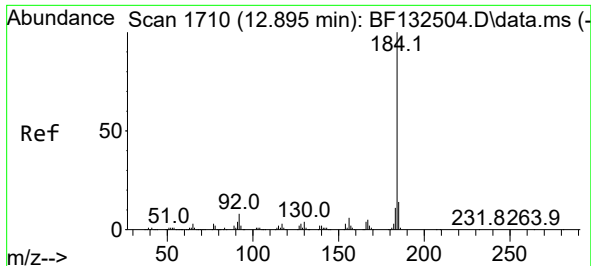
Tgt Ion:248 Resp: 32645
Ion Ratio Lower Upper
248 100
250 196.8 77.0 115.4#
141 479.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Tgt Ion:240 Resp: 591931
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 26.4 21.8 32.6

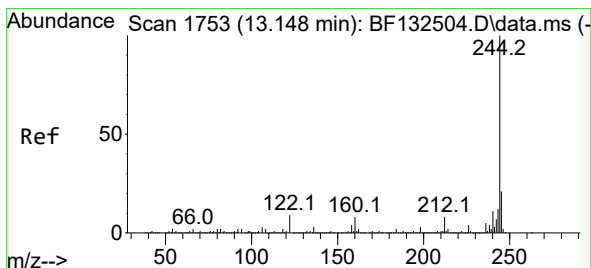
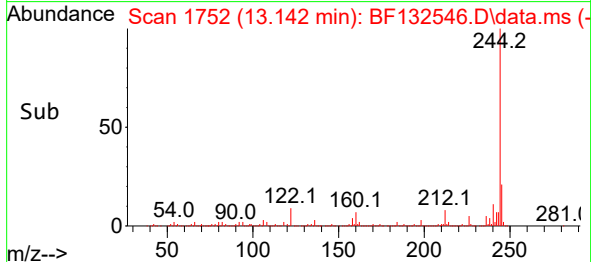
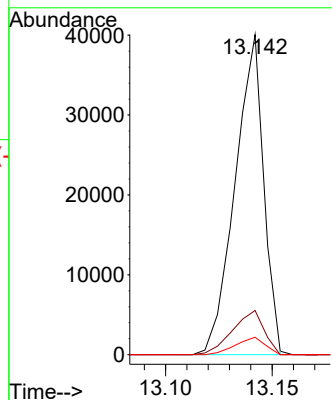
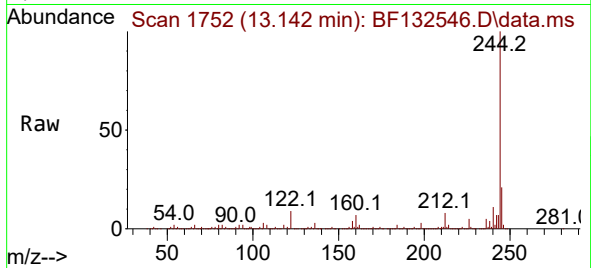




#77
Benzidine
Concen: 2.592 ng
RT: 13.142 min Scan# 1752
Delta R.T. 0.259 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

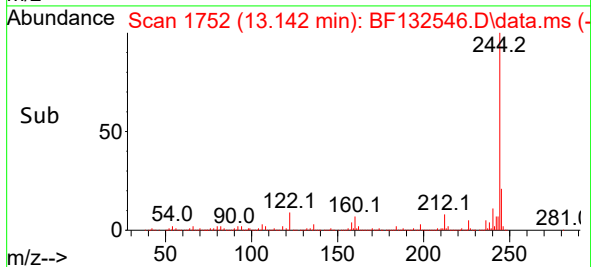
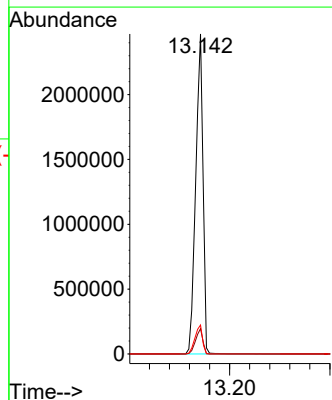
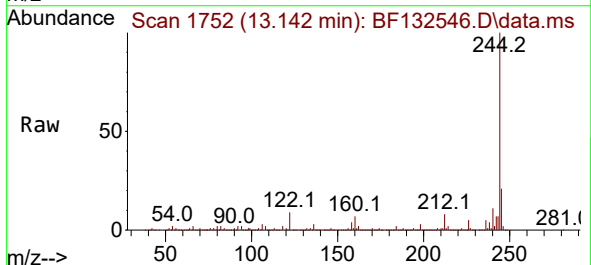
Instrument :
BNA_F
ClientSampleId :
PB151039TB

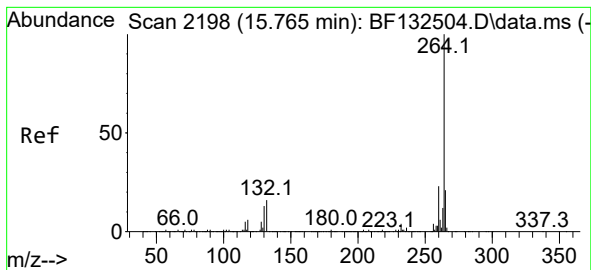
Tgt Ion:184 Resp: 37350
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 5.5 8.7 13.1#



#79
Terphenyl-d14
Concen: 70.658 ng
RT: 13.142 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

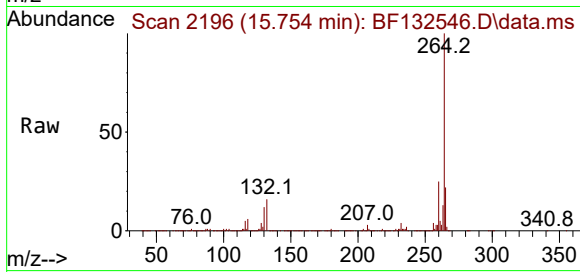
Tgt Ion:244 Resp: 2473743
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.1 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132546.D
Acq: 27 Feb 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB151039TB



Tgt Ion:264 Resp: 513021
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.2 17.1 25.7

