

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132718.D
 Acq On : 09 Mar 2023 15:10
 Operator : CG\JU
 Sample : 01834-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:55:34 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 11:52:47 2023
 Response via : Initial Calibration

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

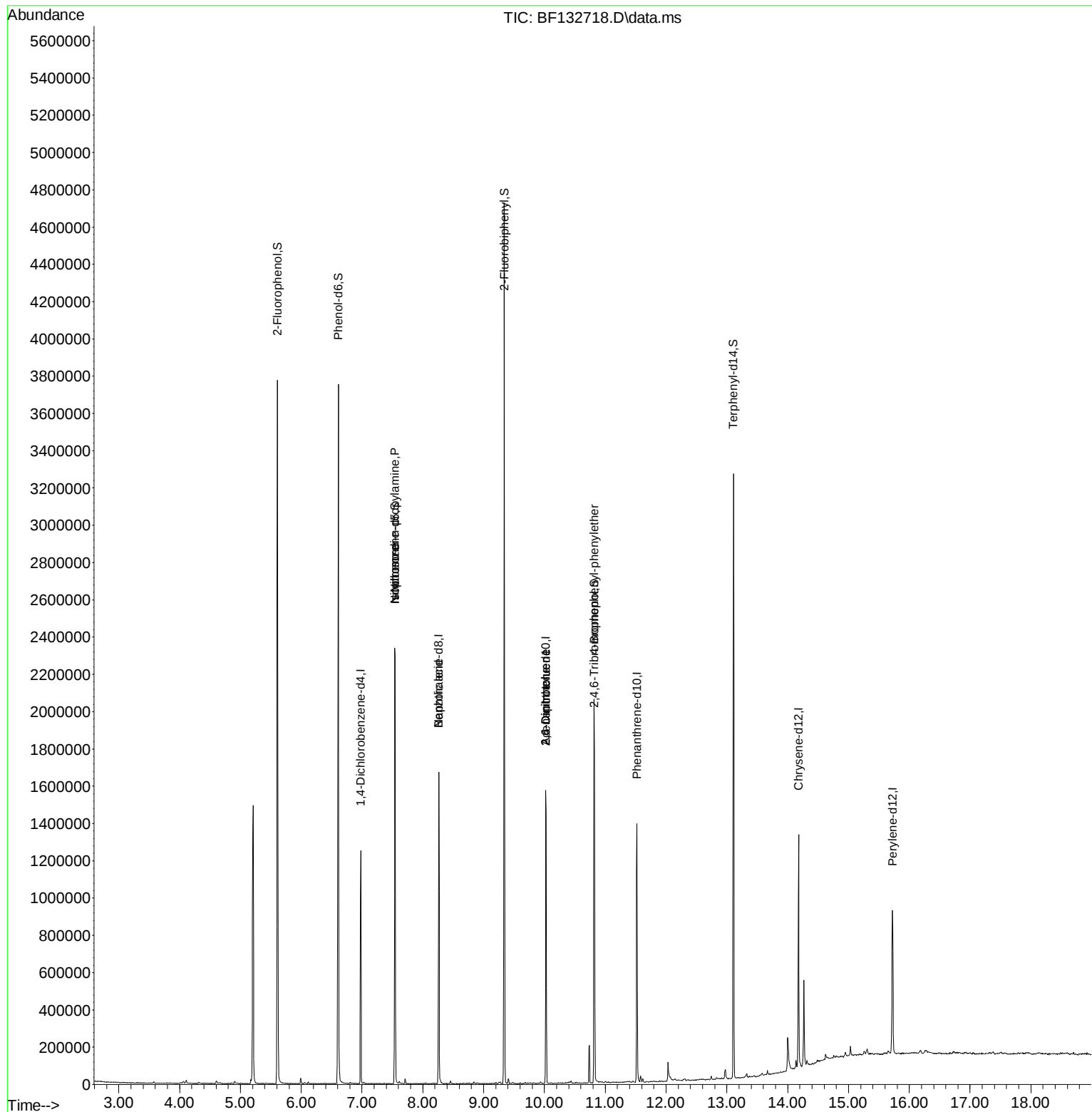
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	175854	20.000	ng	-0.01
21) Naphthalene-d8	8.263	136	648157	20.000	ng	-0.02
39) Acenaphthene-d10	10.022	164	320161	20.000	ng	-0.02
64) Phenanthrene-d10	11.521	188	506189	20.000	ng	-0.01
76) Chrysene-d12	14.180	240	390926	20.000	ng	-0.02
86) Perylene-d12	15.721	264	374873	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	982060	90.635	ng	0.00
7) Phenol-d6	6.610	99	1246420	88.142	ng	-0.01
23) Nitrobenzene-d5	7.539	82	795543	58.233	ng	-0.02
42) 2,4,6-Tribromophenol	10.821	330	243531	70.433	ng	-0.01
45) 2-Fluorobiphenyl	9.339	172	1289905	61.347	ng	-0.02
79) Terphenyl-d14	13.110	244	1114646	48.208	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.539	70	104485	12.006	ng	# 77
25) Isophorone	7.539	82	795533	30.373	ng	# 67
32) Benzoic acid	8.263	122	217	3.861	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	41002	7.723	ng	# 23
57) 2,4-Dinitrotoluene	10.022	165	41002	5.805	ng	# 21
67) 4-Bromophenyl-phenylether	10.816	248	17059	2.979	ng	# 1

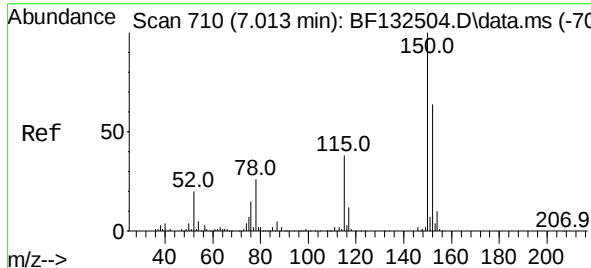
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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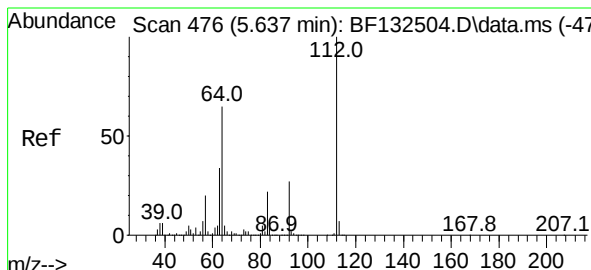
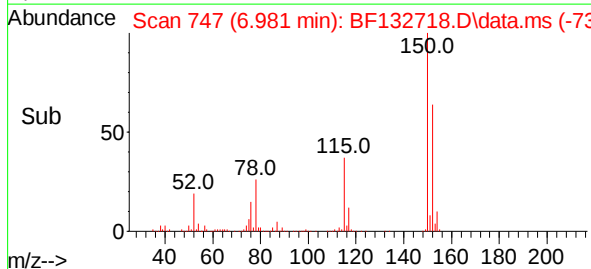
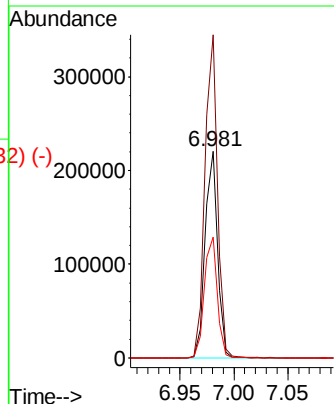
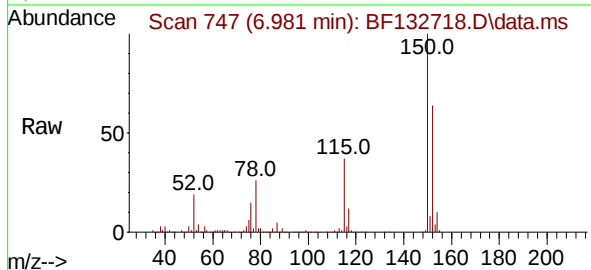




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan#
Delta R.T. -0.012 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

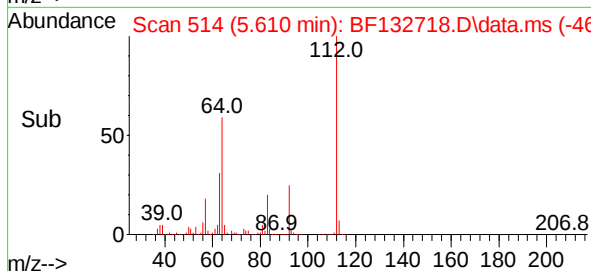
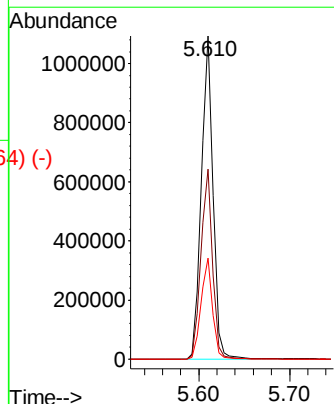
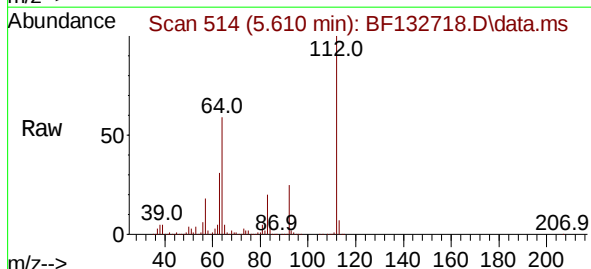
Instrument :
BNA_F
ClientSampleId :

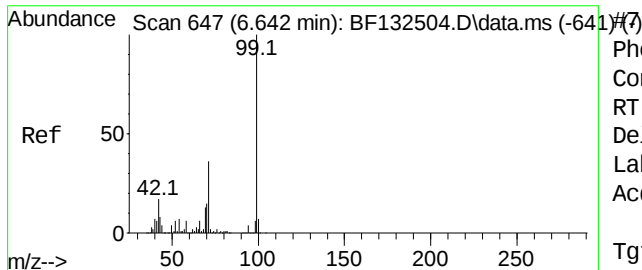
Tgt Ion:152 Resp: 175854
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.2
115 58.3 47.8 71.6



2-Fluorophenol
Concen: 90.635 ng
RT: 5.610 min Scan# 514
Delta R.T. -0.006 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion:112 Resp: 982060
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.3 27.4 41.2

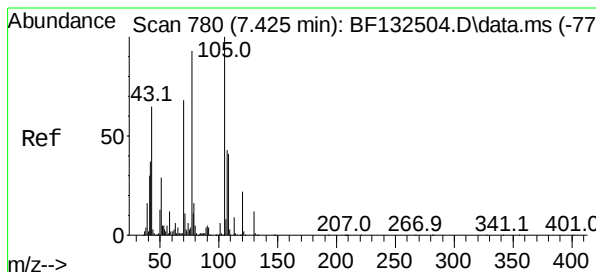
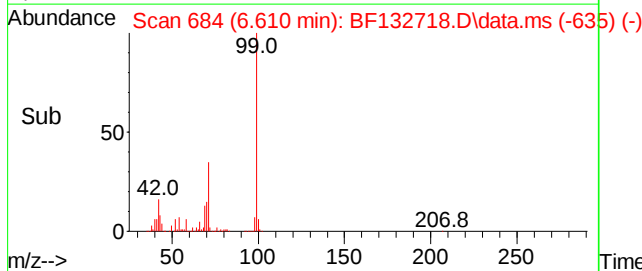
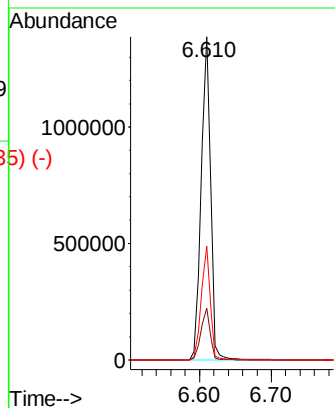
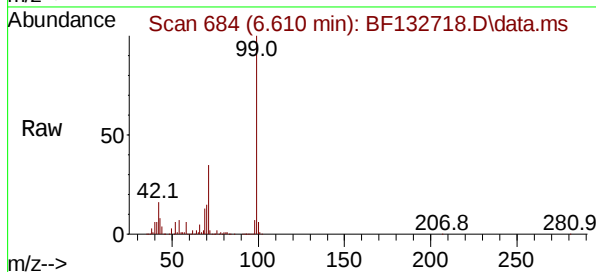




Phenol-d6
Concen: 88.142 ng
RT: 6.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

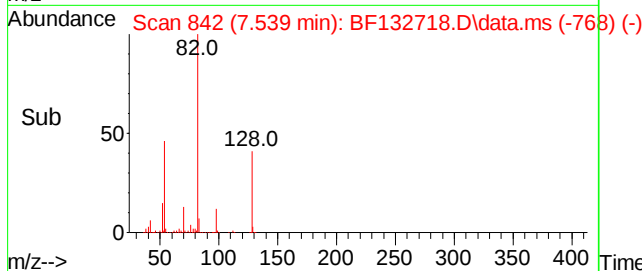
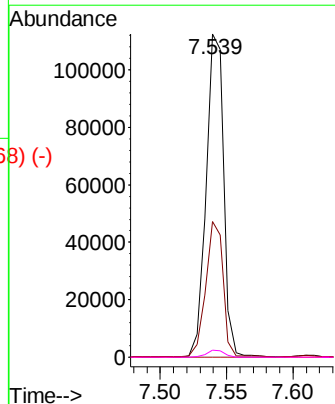
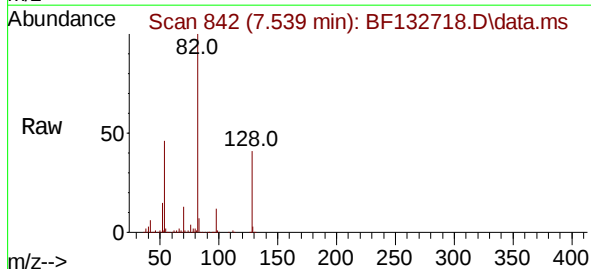
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1246420
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 35.2 28.5 42.7



n-Nitroso-di-n-propylamine
Concen: 12.006 ng
RT: 7.539 min Scan# 842
Delta R.T. 0.135 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion: 70 Resp: 104485
Ion Ratio Lower Upper
70 100
42 41.9 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



Abundance Scan 929 (8.301 min): BF132504.D\data.ms (-922) #21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.263 min Scan# 917

Delta R.T. -0.018 min

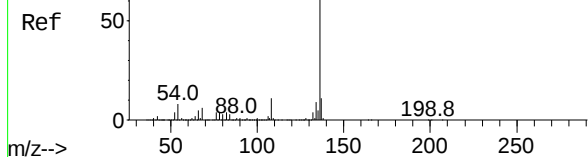
Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 648157

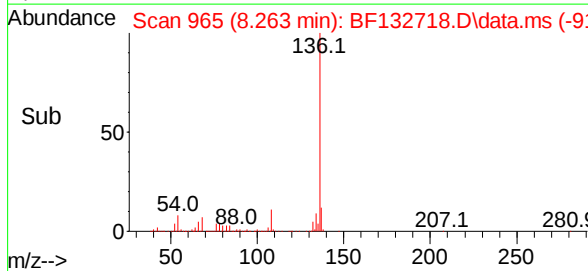
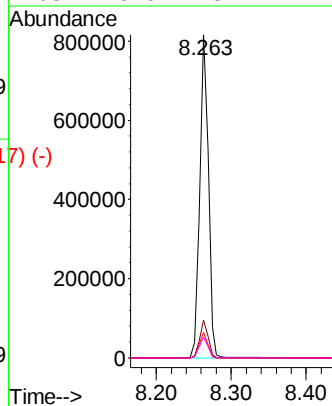
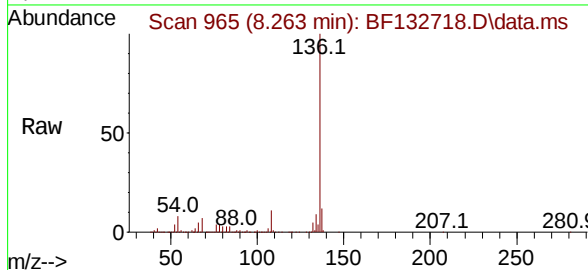
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.8 6.2 9.4

68 6.6 5.2 7.8



Abundance Scan 806 (7.578 min): BF132504.D\data.ms (-800) #23

Nitrobenzene-d5

Concen: 58.233 ng

RT: 7.539 min Scan# 842

Delta R.T. -0.024 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

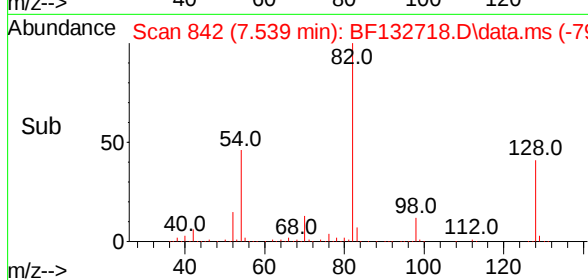
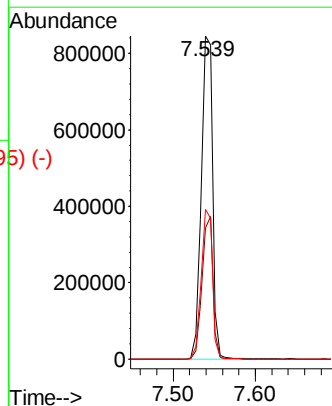
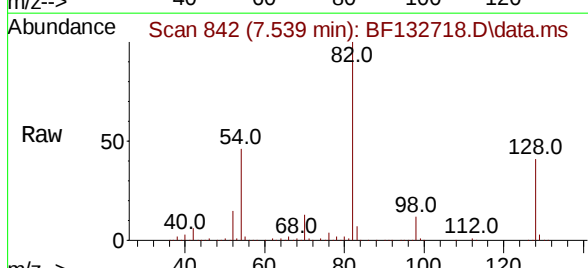
Tgt Ion: 82 Resp: 795543

Ion Ratio Lower Upper

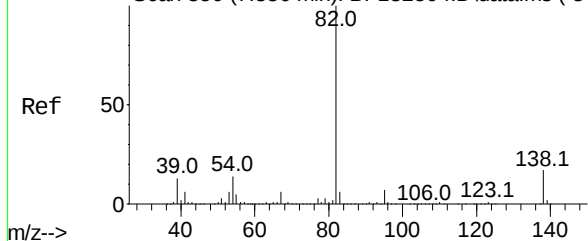
82 100

128 40.6 32.2 48.2

54 46.4 38.4 57.6



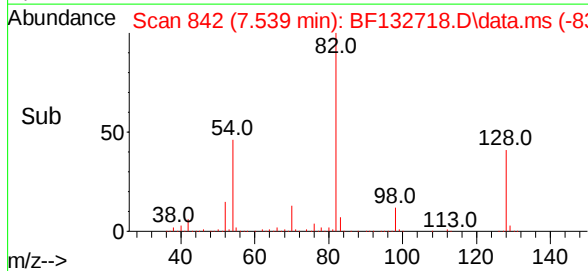
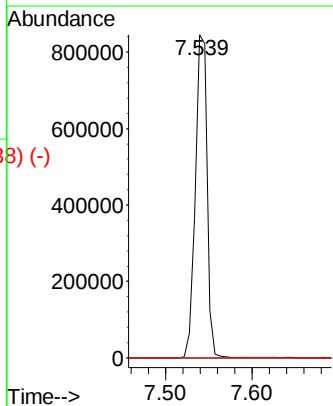
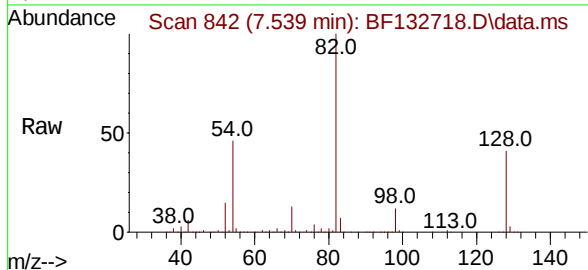
Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



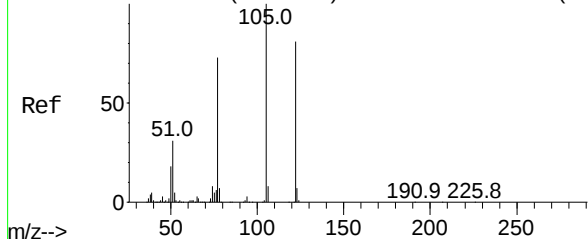
Isophorone
Concen: 30.373 ng
RT: 7.539 min Scan# 815
Delta R.T. -0.277 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 795533
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#

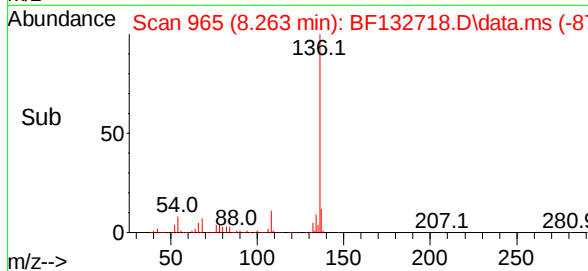
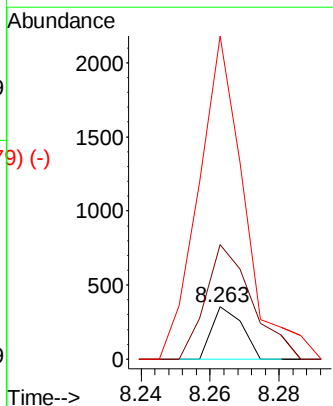
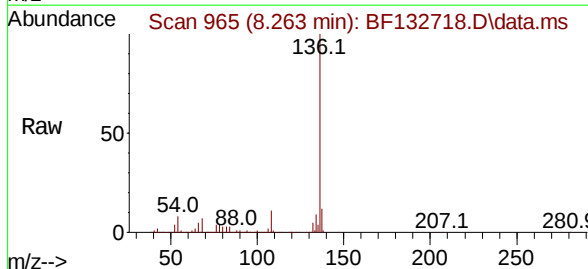


Abundance Scan 891 (8.078 min): BF132504.D\data.ms (-875) #32

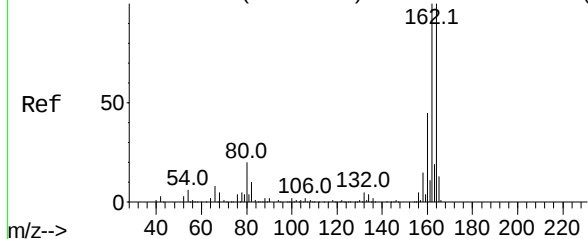


Benzoic acid
Concen: 3.861 ng
RT: 8.263 min Scan# 965
Delta R.T. 0.206 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion:122 Resp: 217
Ion Ratio Lower Upper
122 100
105 218.0 102.6 142.6#
77 614.1 70.2 110.2#



Abundance Scan 1228 (10.060 min): BF132504.D\data.ms (-1228) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan#

Delta R.T. -0.018 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

Instrument :

BNA_F

ClientSampleId :

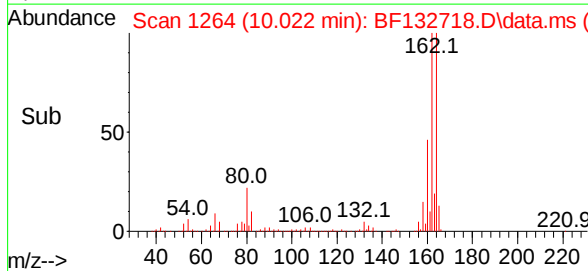
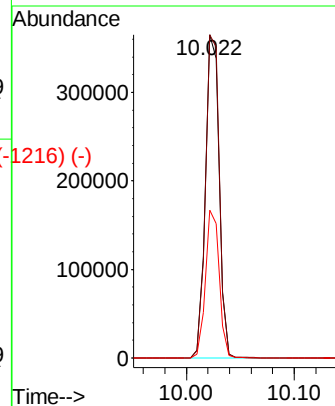
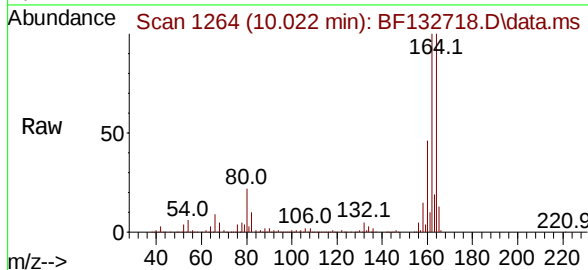
Tgt Ion:164 Resp: 320161

Ion Ratio Lower Upper

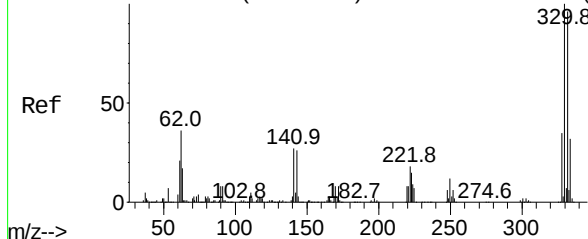
164 100

162 99.9 79.8 119.8

160 45.8 35.8 53.6



Abundance Scan 1364 (10.860 min): BF132504.D\data.ms (-1364) (-)



2,4,6-Tribromophenol

Concen: 70.433 ng

RT: 10.821 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

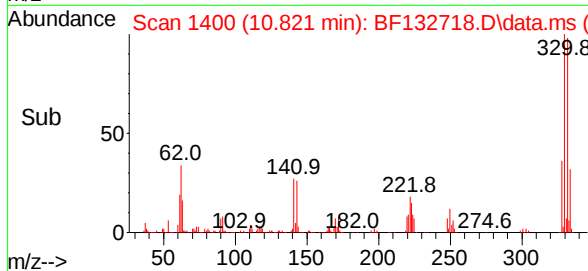
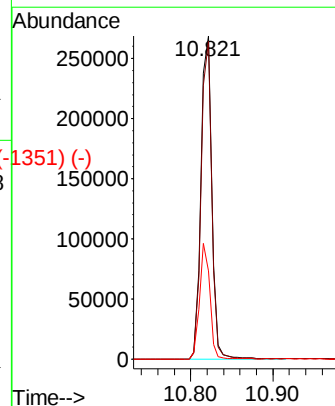
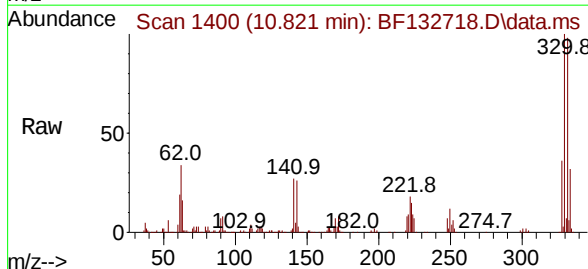
Tgt Ion:330 Resp: 243531

Ion Ratio Lower Upper

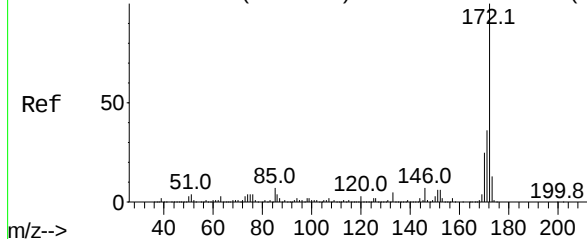
330 100

332 96.1 76.2 114.4

141 34.1 28.4 42.6



Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-110215)



2-Fluorobiphenyl

Concen: 61.347 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.018 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

Instrument :

BNA_F

ClientSampleId :

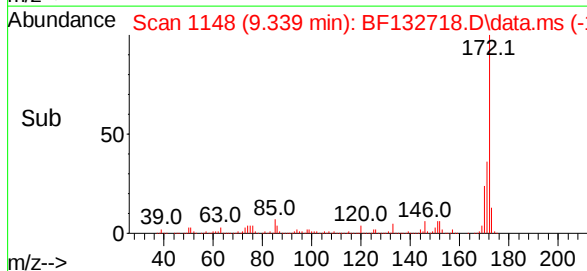
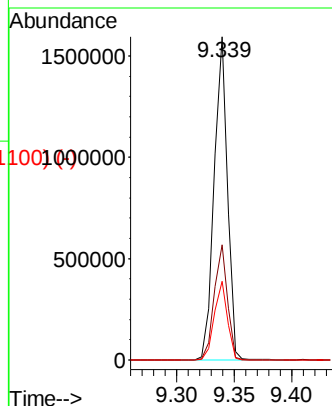
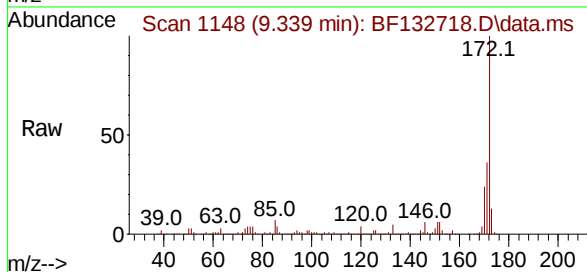
Tgt Ion:172 Resp: 1289905

Ion Ratio Lower Upper

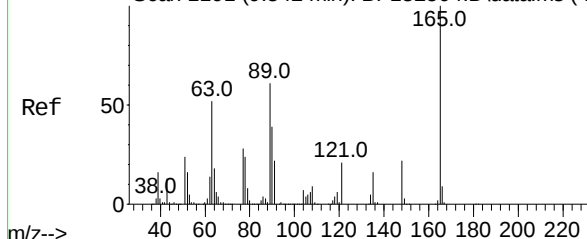
172 100

171 35.6 28.8 43.2

170 24.3 19.7 29.5



Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-11051)



2,6-Dinitrotoluene

Concen: 7.723 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.200 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

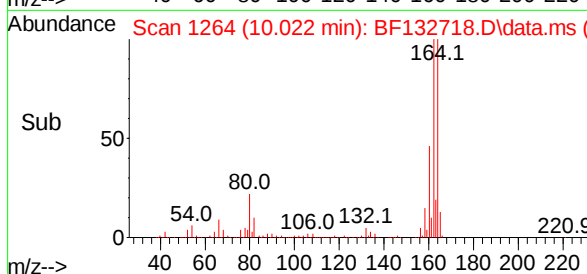
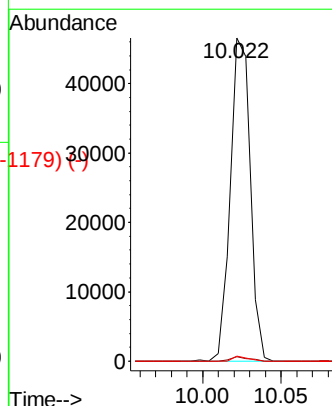
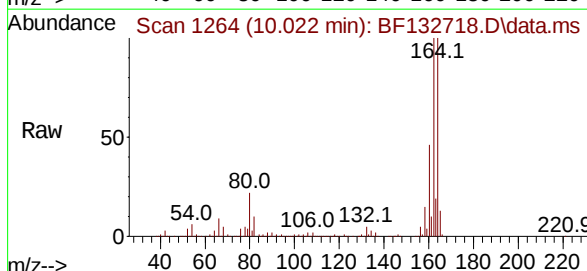
Tgt Ion:165 Resp: 41002

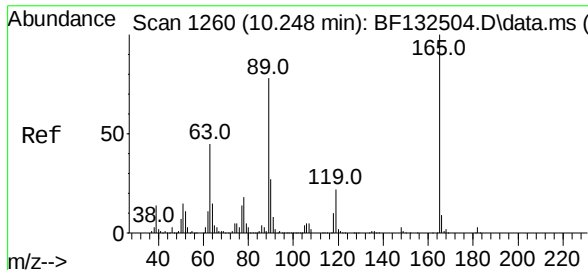
Ion Ratio Lower Upper

165 100

63 1.3 47.3 70.9#

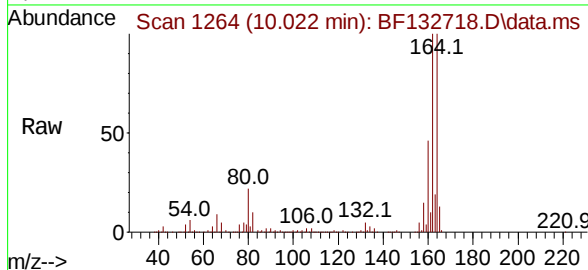
89 1.6 48.9 73.3#



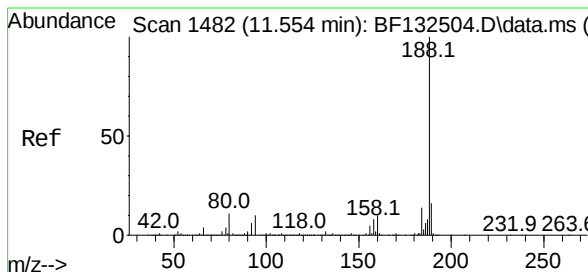
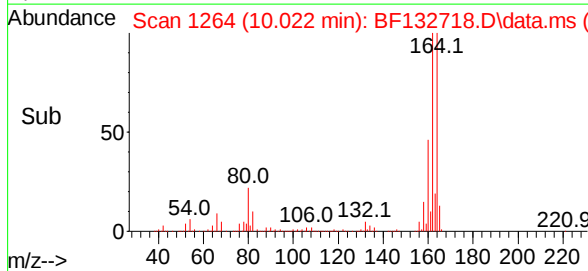
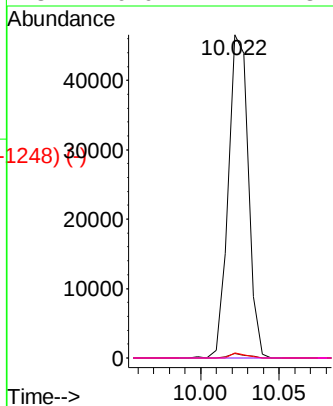


2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 10.022 min Scan# 1475
 Delta R.T. -0.206 min
 Lab File: BF132718.D
 Acq: 09 Mar 2023 15:10

Instrument :
 BNA_F
 ClientSampleId :

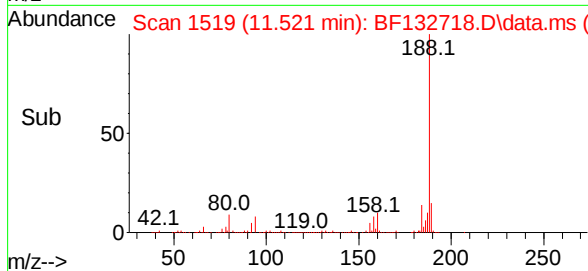
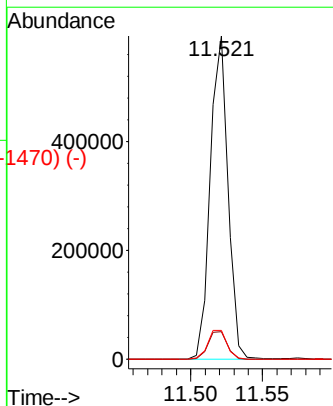
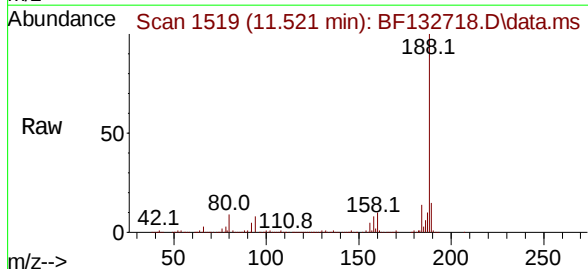


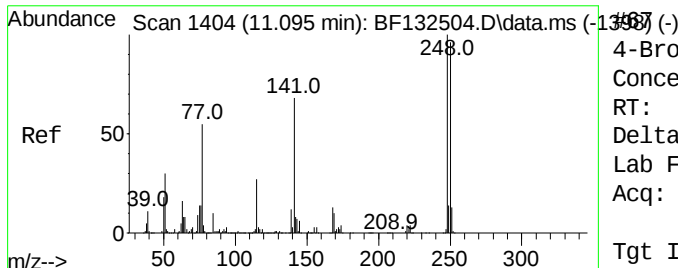
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.5	54.7#
89	1.6	62.4	93.6#
182	0.0	2.1	3.1#



Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.521 min Scan# 1519
 Delta R.T. -0.012 min
 Lab File: BF132718.D
 Acq: 09 Mar 2023 15:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.3	12.5
80	8.9	8.7	13.1

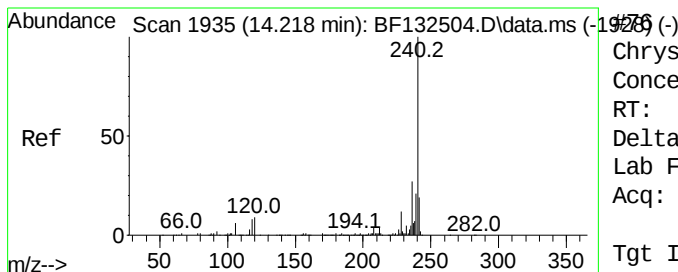
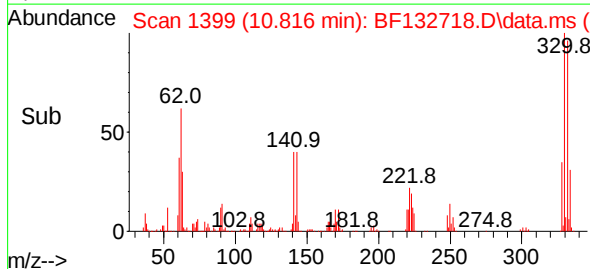
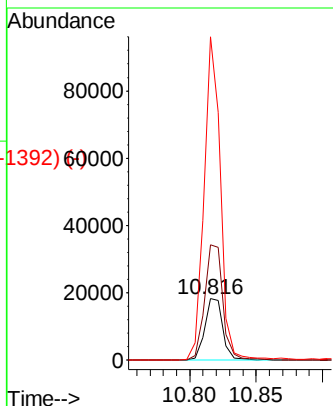
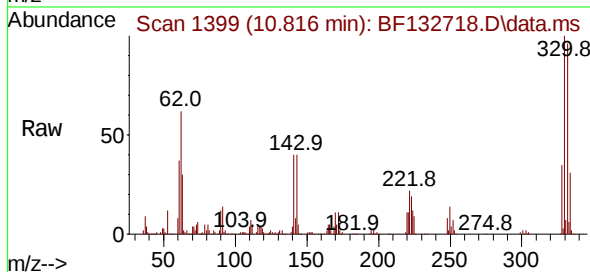




4-Bromophenyl-phenylether
Concen: 2.979 ng
RT: 10.816 min Scan# 1399
Delta R.T. -0.259 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

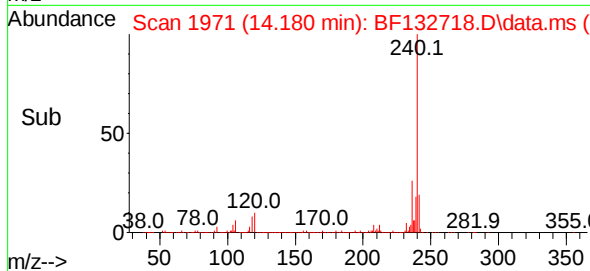
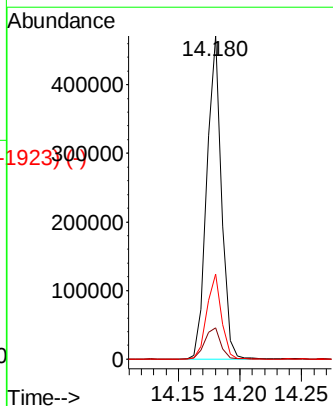
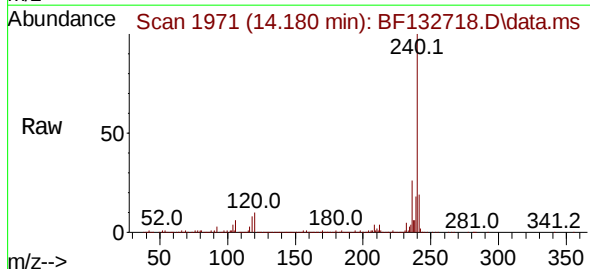
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17059
Ion Ratio Lower Upper
248 100
250 188.9 77.0 115.4#
141 529.1 54.2 81.2#



Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.018 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion:240 Resp: 390926
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.3 21.8 32.6



Abundance Scan 1753 (13.148 min): BF132504.D\data.ms (-1749) (-)

Terphenyl-d14

Concen: 48.208 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.018 min

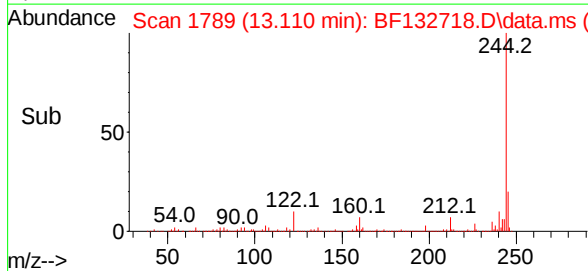
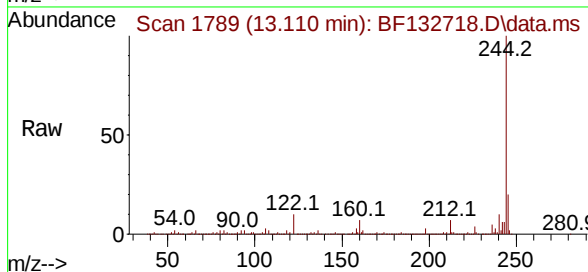
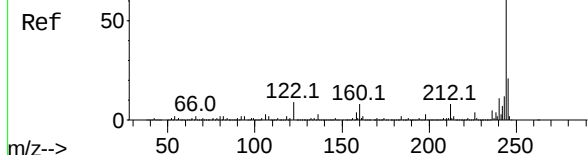
Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

Instrument :

BNA_F

ClientSampleId :



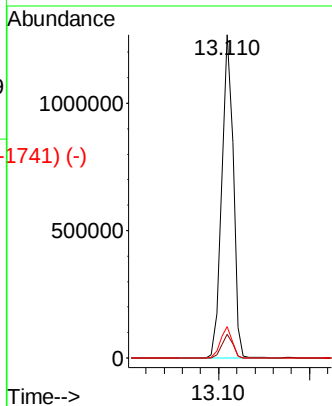
Tgt Ion:244 Resp: 1114646

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 9.6 7.5 11.3



Abundance Scan 2198 (15.765 min): BF132504.D\data.ms (-2185) (-)

Perylene-d12

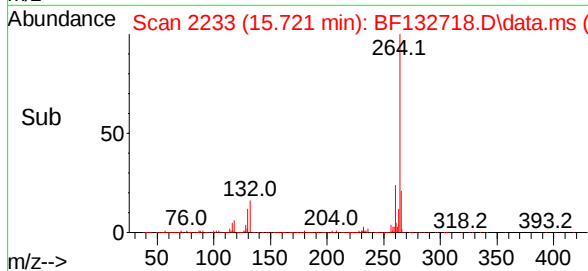
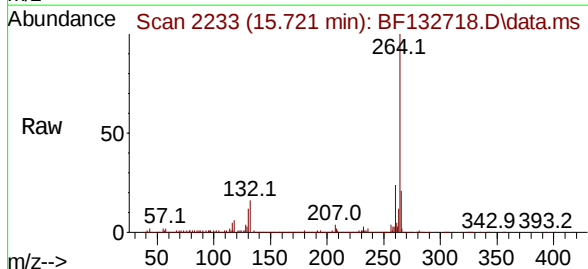
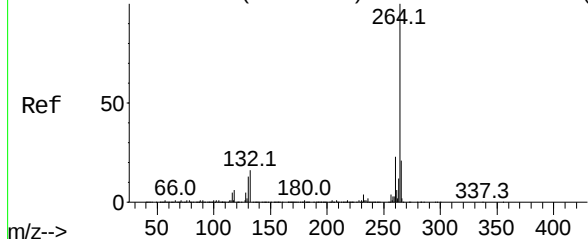
Concen: 20.000 ng

RT: 15.721 min Scan# 2233

Delta R.T. -0.018 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10



Tgt Ion:264 Resp: 374873

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 20.7 17.1 25.7

