

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130524.D
 Acq On : 04 Oct 2022 18:16
 Operator : CG\JU
 Sample : N4915-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:20:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

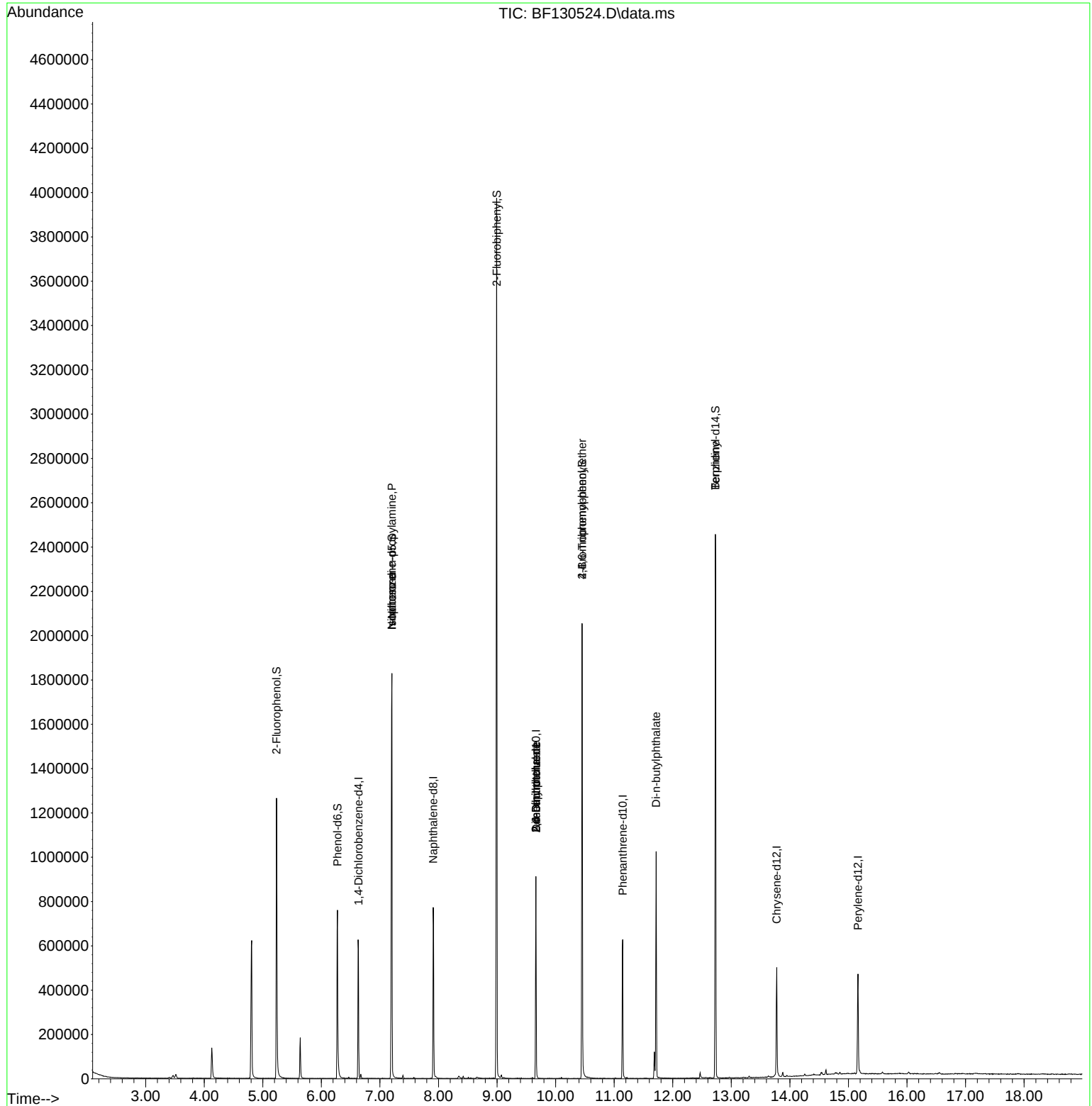
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	90963	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	345586	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	166153	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	233470	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	151184	20.000	ng	-0.02
86) Perylene-d12	15.163	264	183445	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	351071	66.942	ng	-0.01
7) Phenol-d6	6.275	99	263787	40.199	ng	-0.02
23) Nitrobenzene-d5	7.204	82	631045	93.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.451	330	229097	143.899	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	1116676	97.867	ng	-0.02
79) Terphenyl-d14	12.727	244	836996	91.708	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	86417	19.516	ng	# 71
25) Isophorone	7.204	82	631037	57.879	ng	# 66
50) Dimethylphthalate	9.663	163	30250	2.636	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	21323	8.883	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	21323	6.951	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	13222	5.134	ng	# 1
74) Di-n-butylphthalate	11.716	149	449169	32.628	ng	99
77) Benzidine	12.727	184	12488	2.845	ng	# 94

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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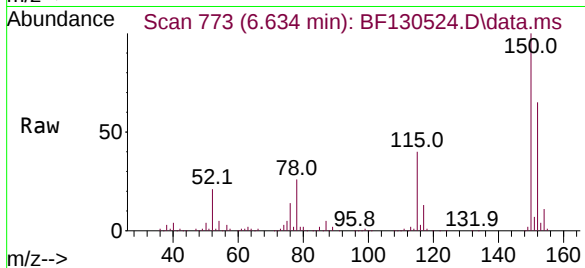
Quant Time: Oct 05 02:20:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
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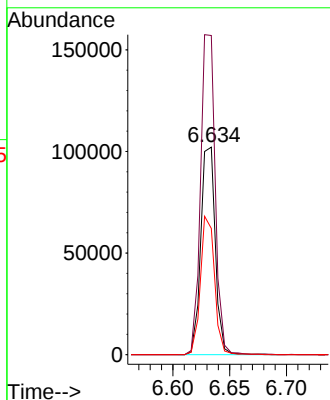
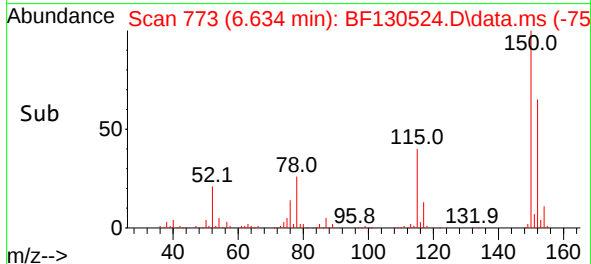


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130524.D
 Acq: 04 Oct 2022 18:16

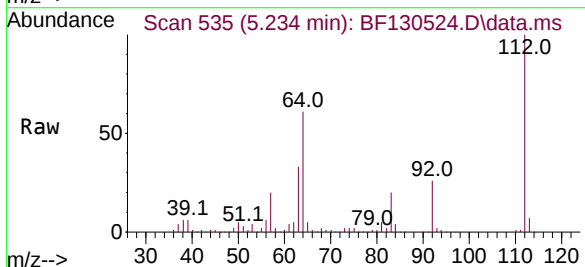
Instrument :
 BNA_F
 ClientSampleId :



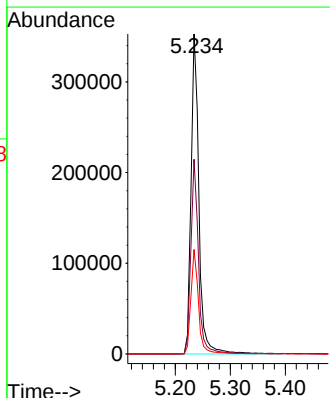
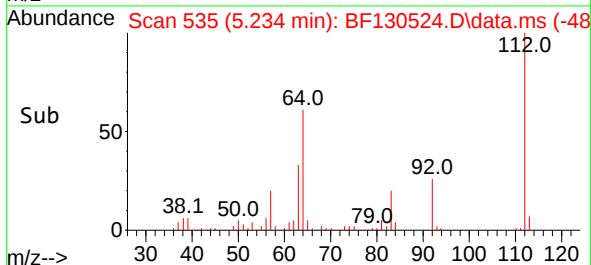
Tgt Ion:152 Resp: 90963
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.8 184.2
 115 60.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 66.942 ng
 RT: 5.234 min Scan# 535
 Delta R.T. -0.012 min
 Lab File: BF130524.D
 Acq: 04 Oct 2022 18:16



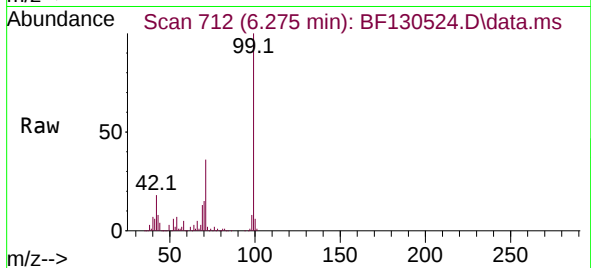
Tgt Ion:112 Resp: 351071
 Ion Ratio Lower Upper
 112 100
 64 60.9 51.4 77.0
 63 32.6 28.8 43.2



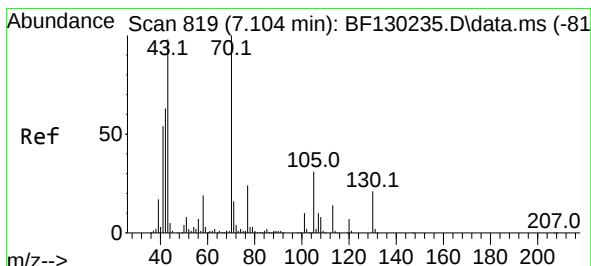
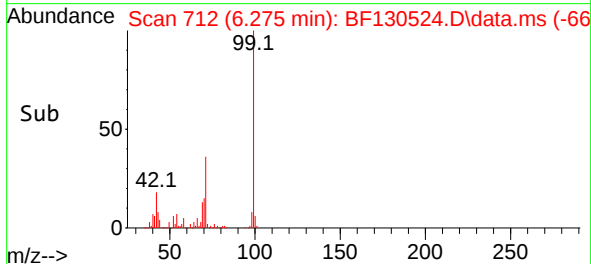
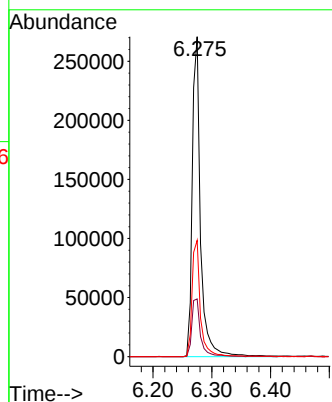


#7
Phenol-d6
Concen: 40.199 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

Instrument :
BNA_F
ClientSampleId :

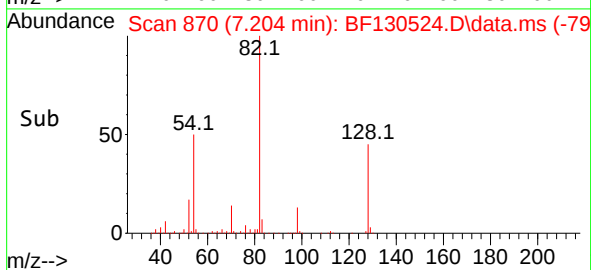
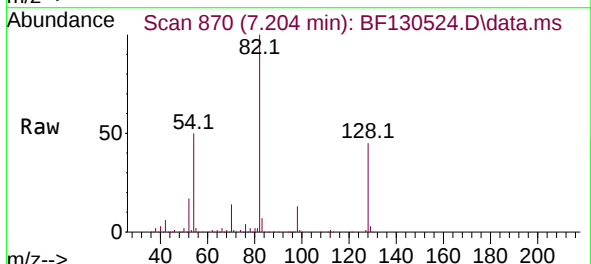
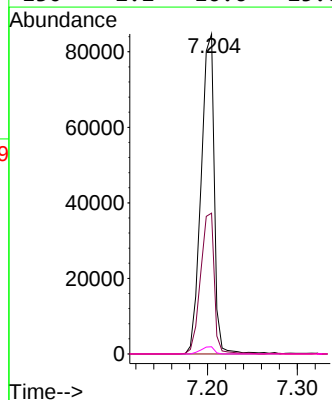


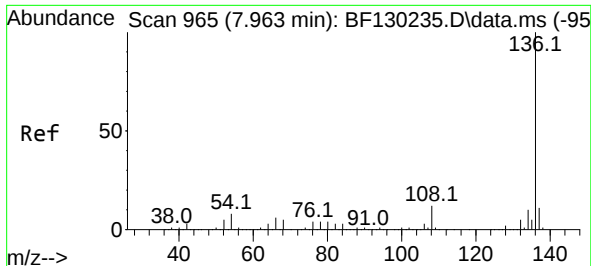
Tgt Ion: 99 Resp: 263787
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 36.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.516 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

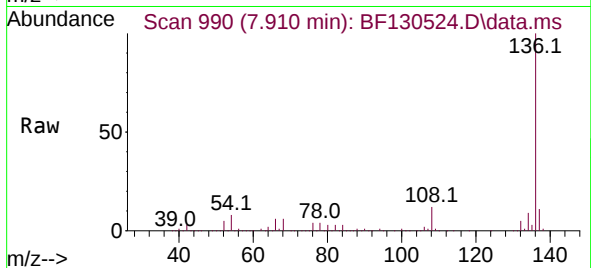
Tgt Ion: 70 Resp: 86417
Ion Ratio Lower Upper
70 100
42 44.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#



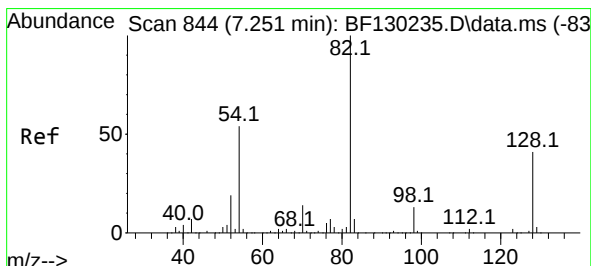
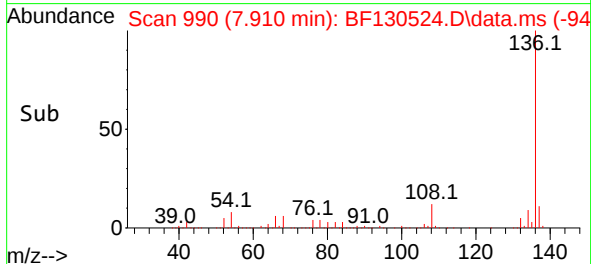
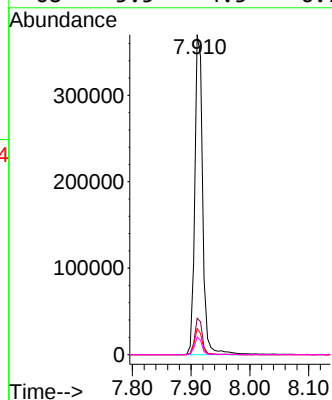


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 99
Delta R.T. -0.017 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

Instrument :
BNA_F
ClientSampleId :

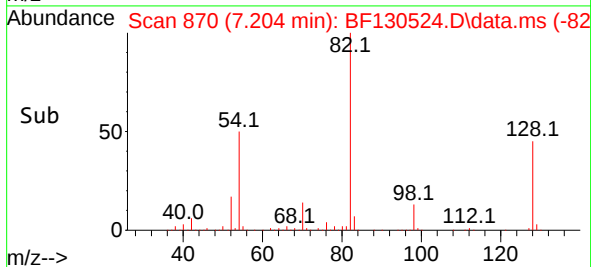
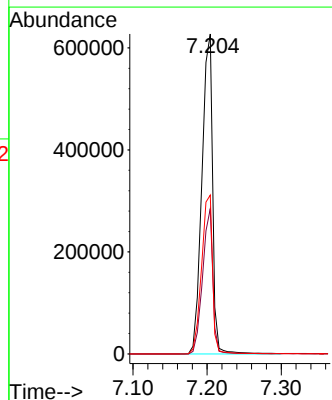
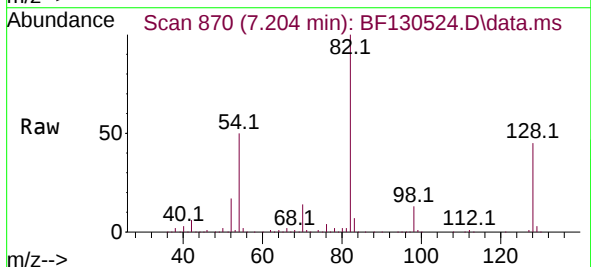


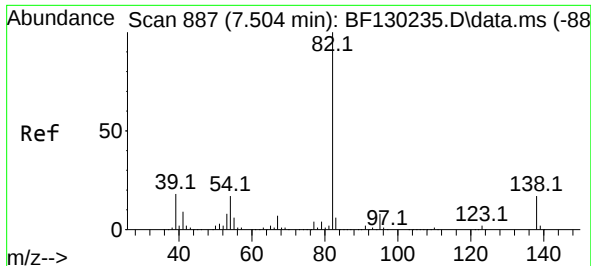
Tgt Ion:136 Resp: 345586
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.1 7.1 10.7
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 93.288 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

Tgt Ion: 82 Resp: 631045
Ion Ratio Lower Upper
82 100
128 45.4 32.6 49.0
54 49.6 43.8 65.6

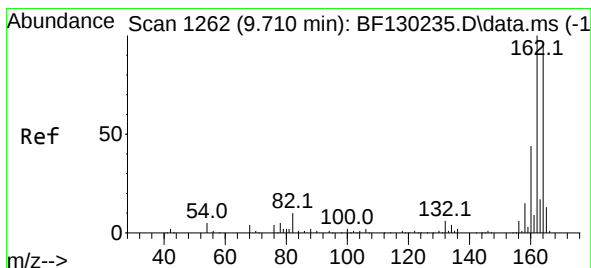
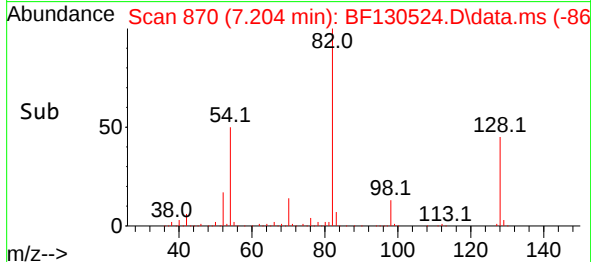
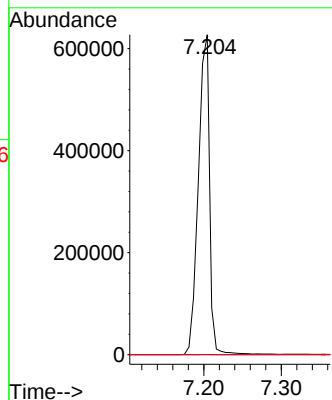
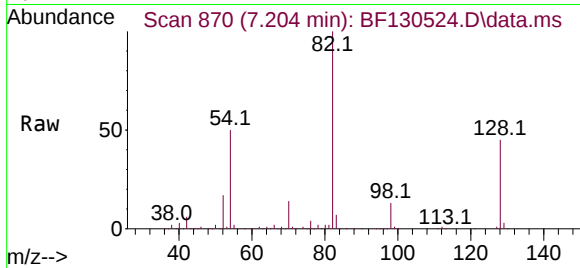




#25
Isophorone
Concen: 57.879 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

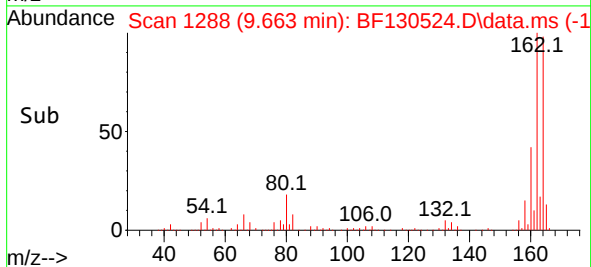
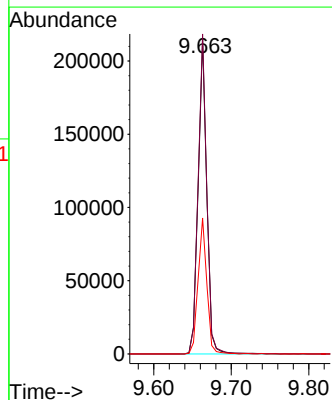
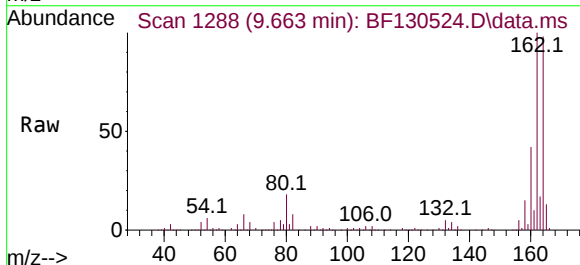
Instrument :
BNA_F
ClientSampleId :

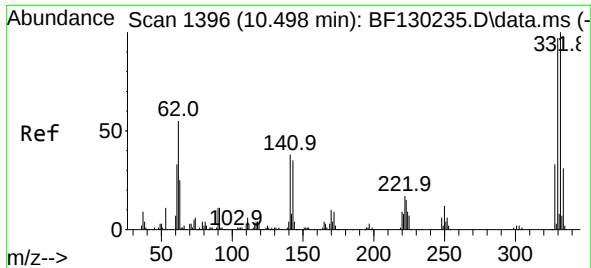
Tgt Ion: 82 Resp: 631037
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

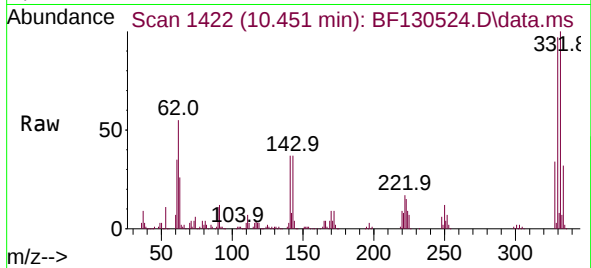
Tgt Ion:164 Resp: 166153
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 43.2 36.2 54.4



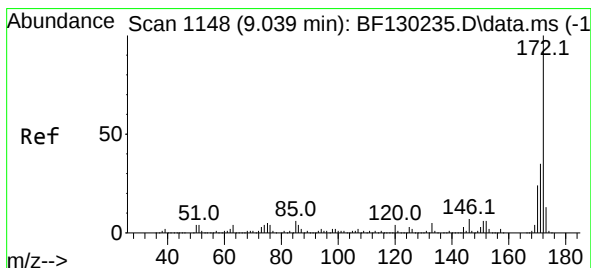
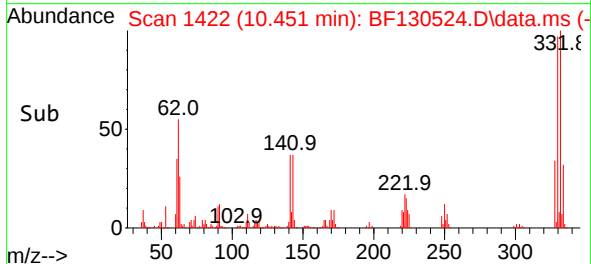
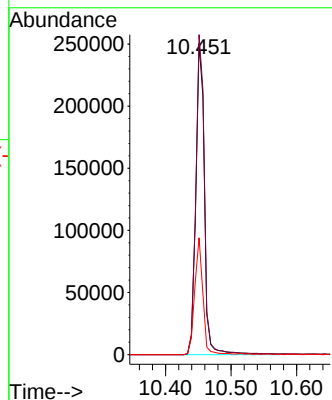


#42
 2,4,6-Tribromophenol
 Concen: 143.899 ng
 RT: 10.451 min Scan# 14
 Delta R.T. -0.018 min
 Lab File: BF130524.D
 Acq: 04 Oct 2022 18:16

Instrument :
 BNA_F
 ClientSampleId :

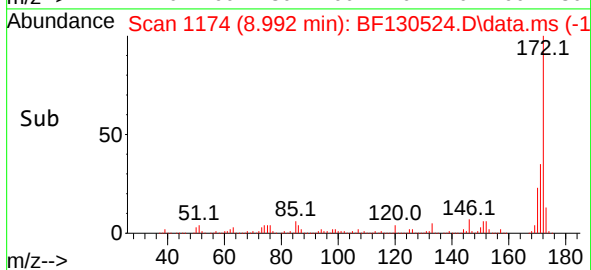
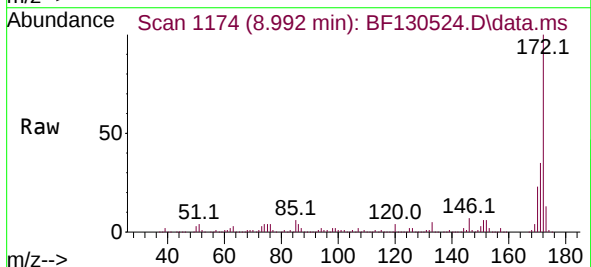
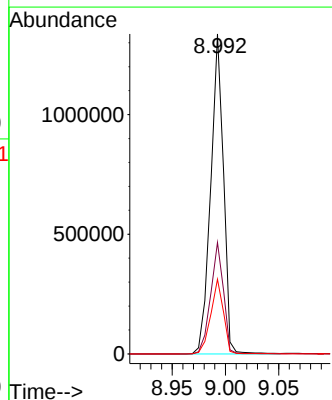


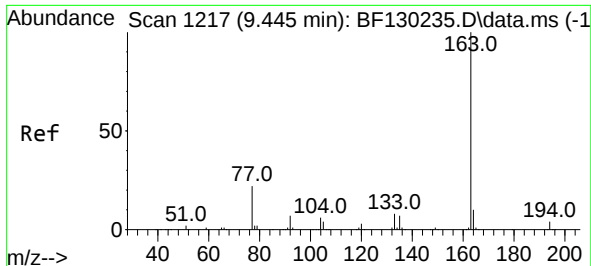
Tgt Ion:330 Resp: 229097
 Ion Ratio Lower Upper
 330 100
 332 102.3 83.4 125.2
 141 35.5 34.0 51.0



#45
 2-Fluorobiphenyl
 Concen: 97.867 ng
 RT: 8.992 min Scan# 1174
 Delta R.T. -0.017 min
 Lab File: BF130524.D
 Acq: 04 Oct 2022 18:16

Tgt Ion:172 Resp: 1116676
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.3 18.7 28.1

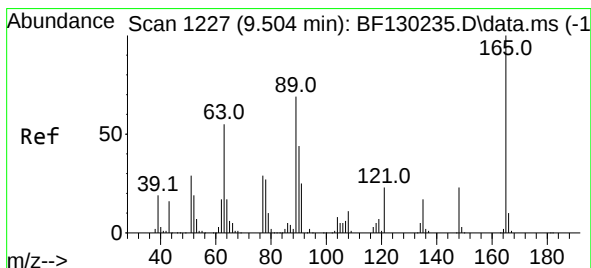
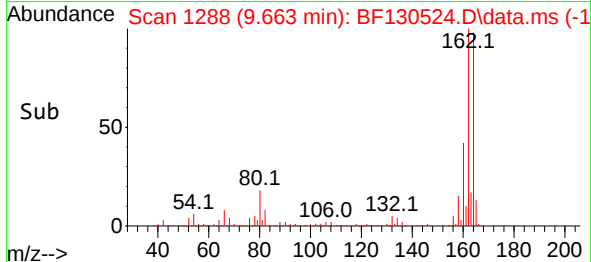
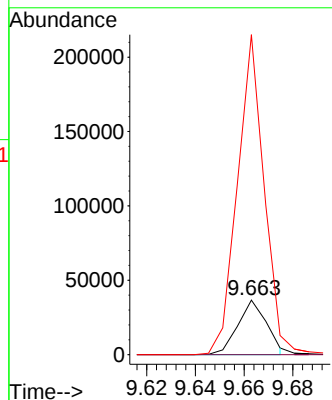
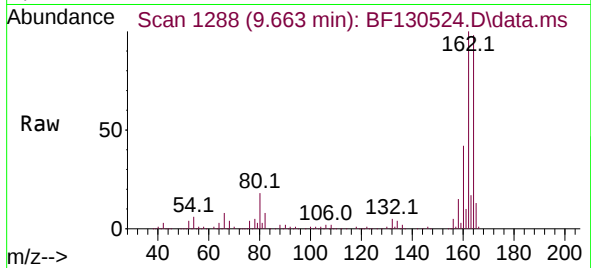




#50
Dimethylphthalate
Concen: 2.636 ng
RT: 9.663 min Scan# 1217
Delta R.T. 0.247 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

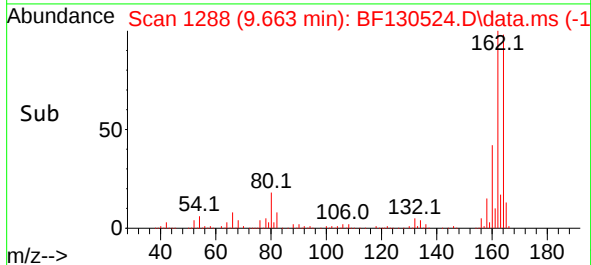
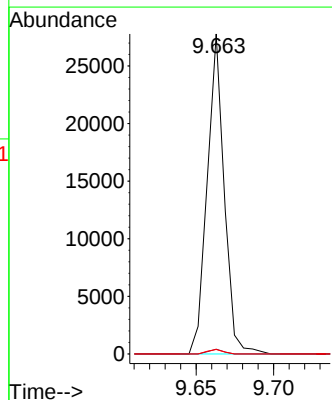
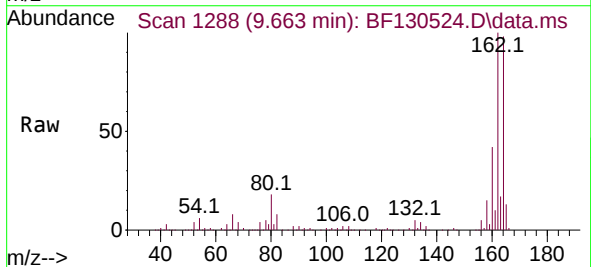
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BNA_F
ClientSampleId :

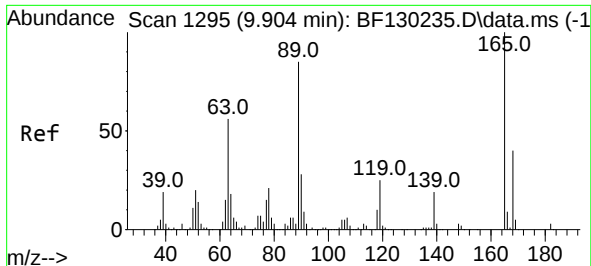
Tgt Ion:163 Resp: 30250
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 586.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.883 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.188 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

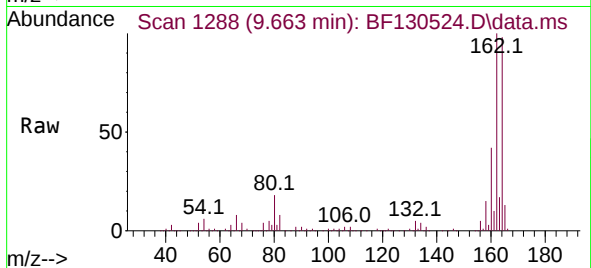
Tgt Ion:165 Resp: 21323
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.4 54.5 81.7#



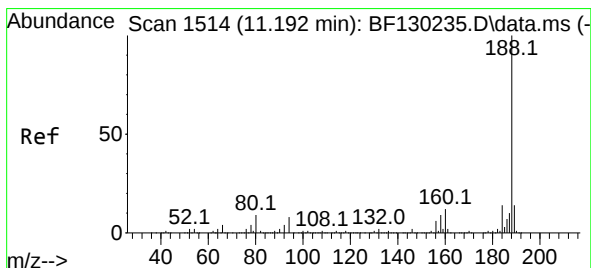
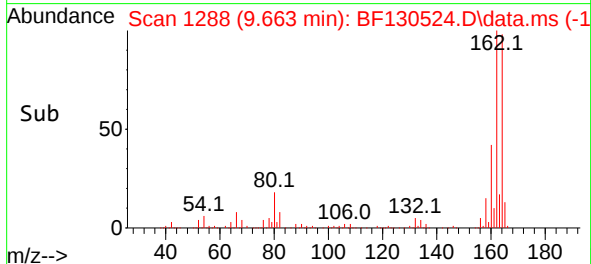
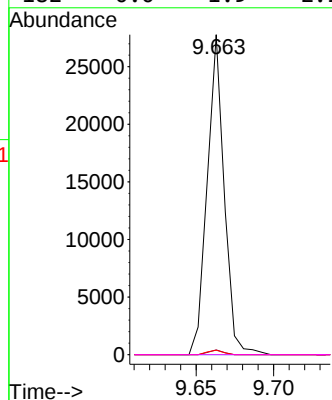


#57
2,4-Dinitrotoluene
Concen: 6.951 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

Instrument :
BNA_F
ClientSampleId :

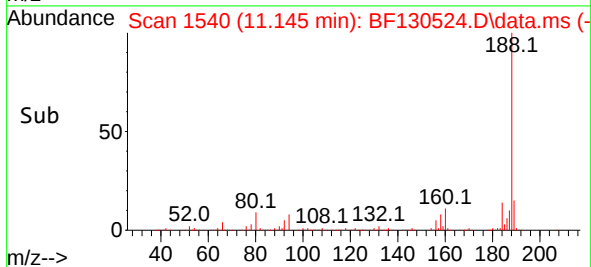
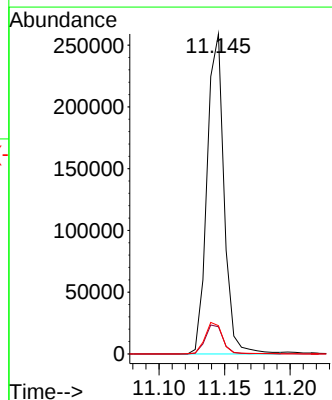
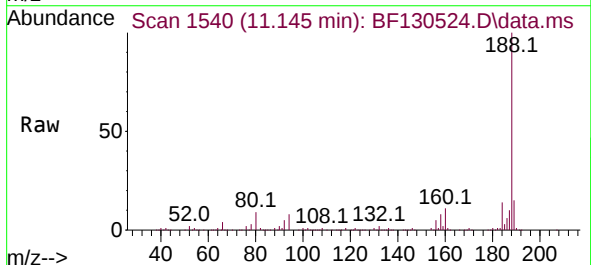


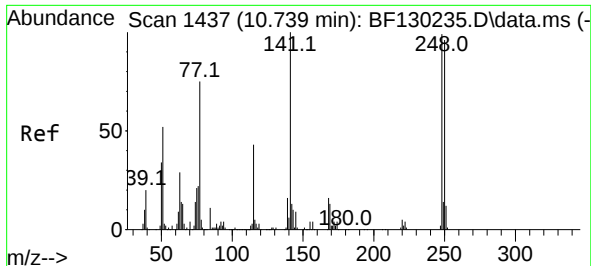
Tgt Ion:165 Resp: 21323
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

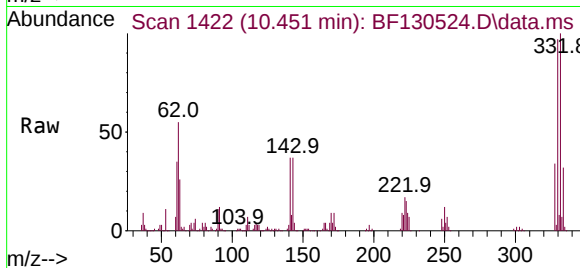
Tgt Ion:188 Resp: 233470
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.9 7.9 11.9



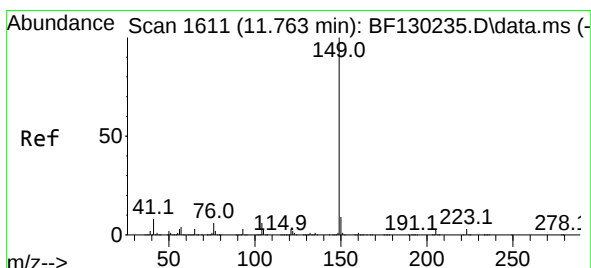
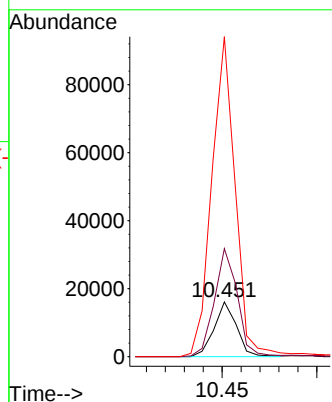
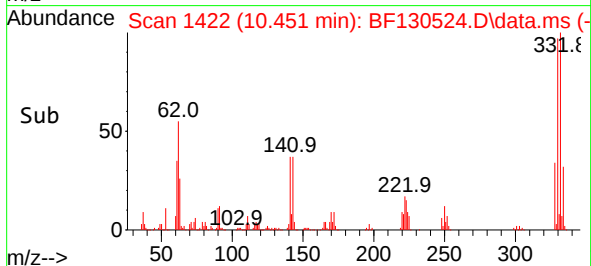


#67
4-Bromophenyl-phenylether
Concen: 5.134 ng
RT: 10.451 min Scan# 1437
Delta R.T. -0.259 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

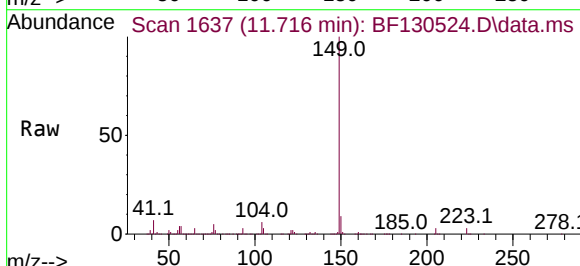
Instrument :
BNA_F
ClientSampleId :



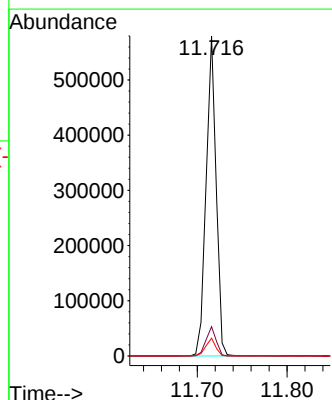
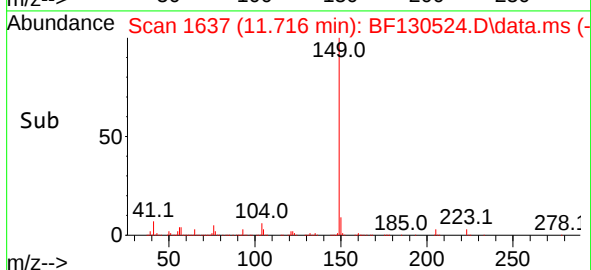
Tgt Ion:248 Resp: 13222
Ion Ratio Lower Upper
248 100
250 197.2 80.0 120.0#
141 585.1 68.5 102.7#

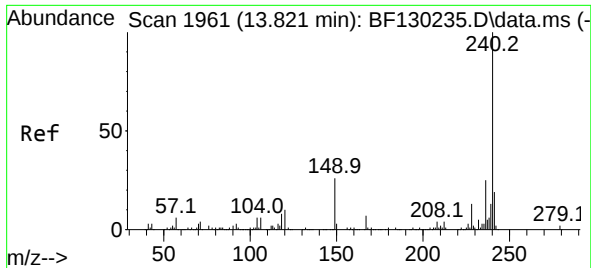


#74
Di-n-butylphthalate
Concen: 32.628 ng
RT: 11.716 min Scan# 1637
Delta R.T. -0.012 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16



Tgt Ion:149 Resp: 449169
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.5 4.8 7.2

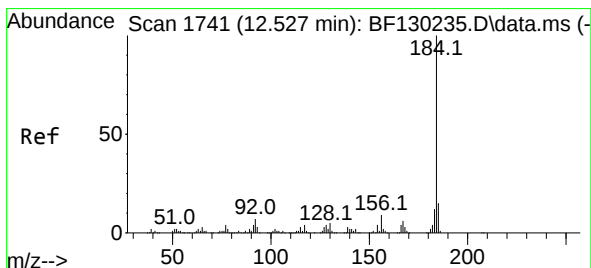
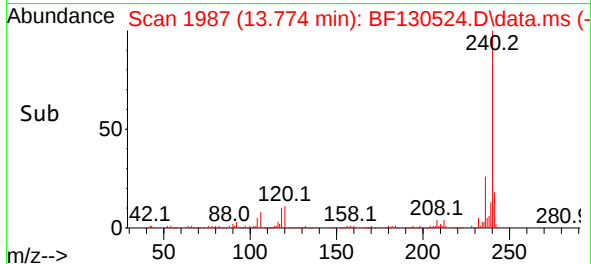
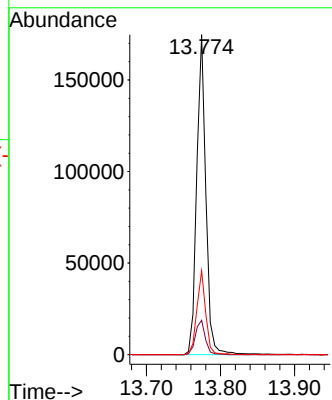
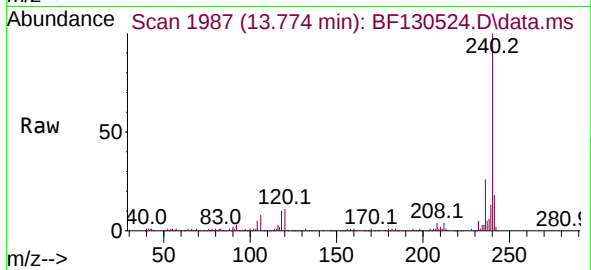




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1961
Delta R.T. -0.017 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

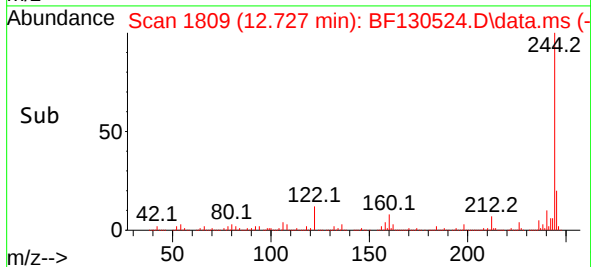
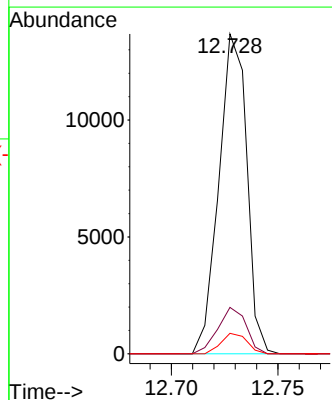
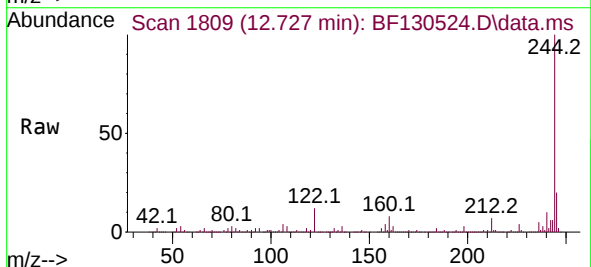
Instrument :
BNA_F
ClientSampleId :

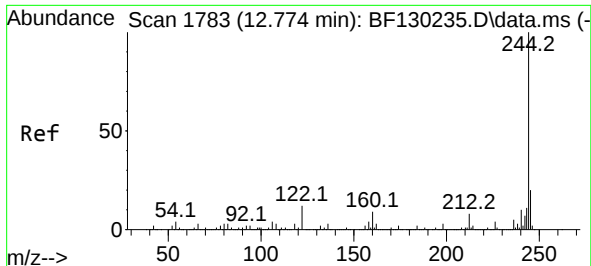
Tgt Ion:240 Resp: 151184
Ion Ratio Lower Upper
240 100
120 10.7 8.7 13.1
236 26.2 20.9 31.3



#77
Benzidine
Concen: 2.845 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.230 min
Lab File: BF130524.D
Acq: 04 Oct 2022 18:16

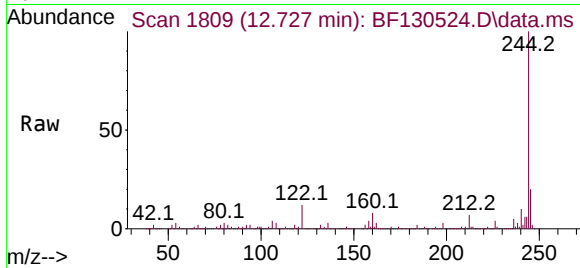
Tgt Ion:184 Resp: 12488
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 6.4 9.1 13.7#



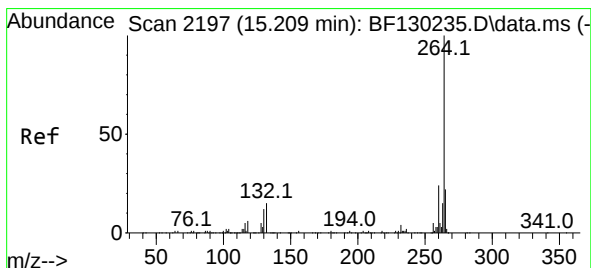
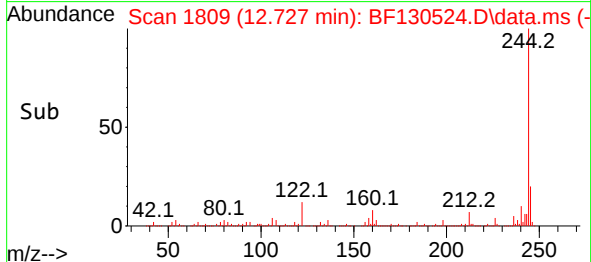
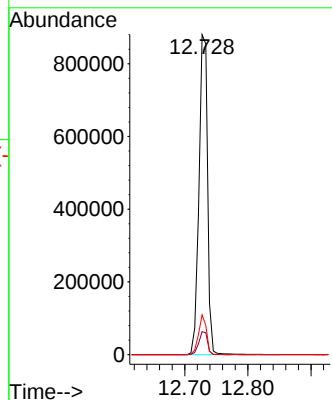


#79
 Terphenyl-d14
 Concen: 91.708 ng
 RT: 12.727 min Scan# 1809
 Delta R.T. -0.017 min
 Lab File: BF130524.D
 Acq: 04 Oct 2022 18:16

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 836996
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.163 min Scan# 2223
 Delta R.T. -0.012 min
 Lab File: BF130524.D
 Acq: 04 Oct 2022 18:16

Tgt Ion:264 Resp: 183445
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 20.9 17.0 25.4

