

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130525.D
 Acq On : 04 Oct 2022 18:47
 Operator : CG\JU
 Sample : N4917-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:20:50 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)

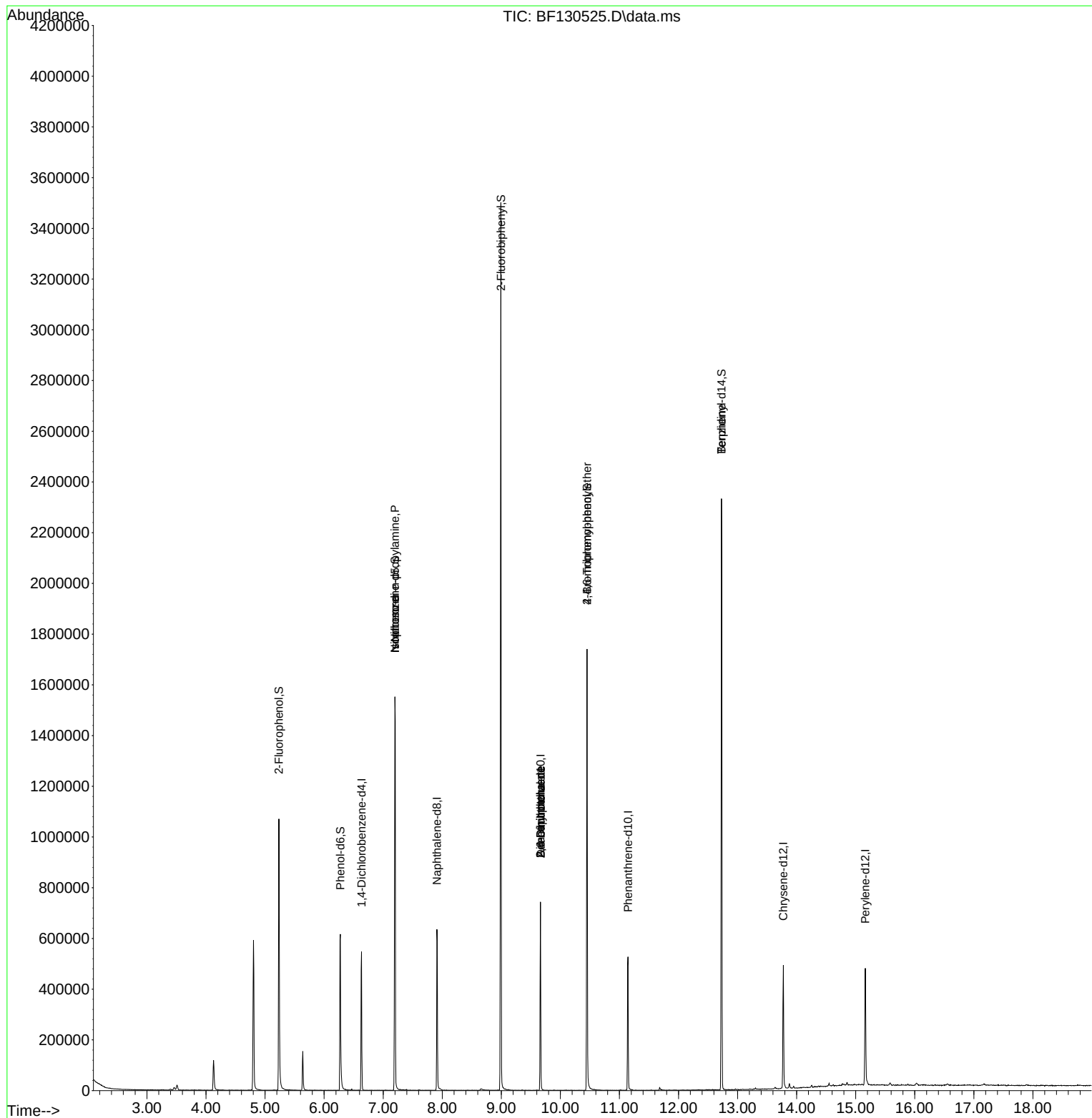
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	77847	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	292523	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	138641	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	200649	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	152736	20.000	ng	-0.02
86) Perylene-d12	15.162	264	187143	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	304732	67.896	ng	-0.01
7) Phenol-d6	6.275	99	228655	40.716	ng	-0.02
23) Nitrobenzene-d5	7.198	82	542251	94.703	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	186901	140.692	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	949432	99.722	ng	-0.02
79) Terphenyl-d14	12.727	244	790817	85.768	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.198	70	73227	19.324	ng	# 73
25) Isophorone	7.198	82	542312	58.764	ng	# 66
50) Dimethylphthalate	9.663	163	25546	2.668	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	17955	8.965	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	17955	7.015	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	11723	5.296	ng	# 1
77) Benizidine	12.727	184	11634	2.624	ng	# 91

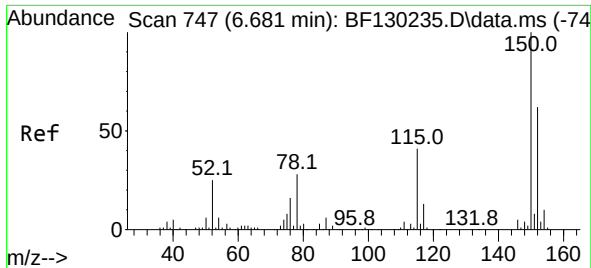
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
Data File : BF130525.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 05 02:20:50 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

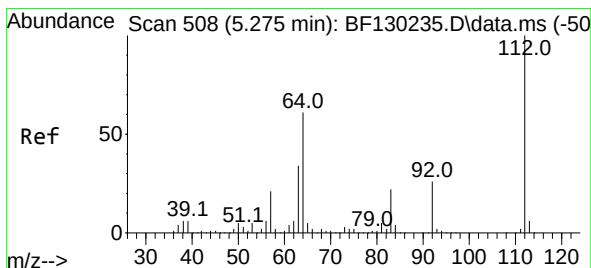
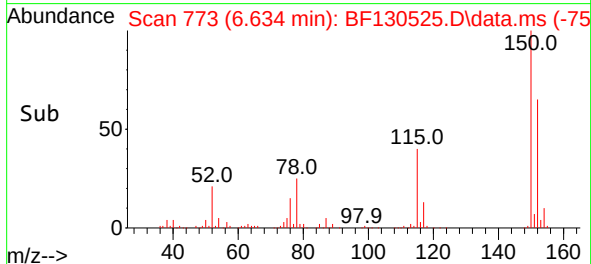
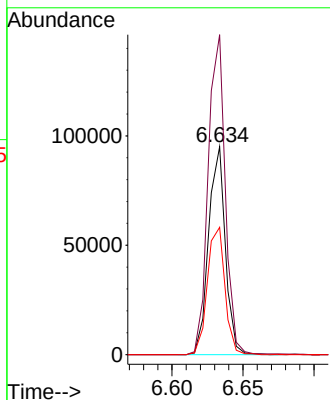
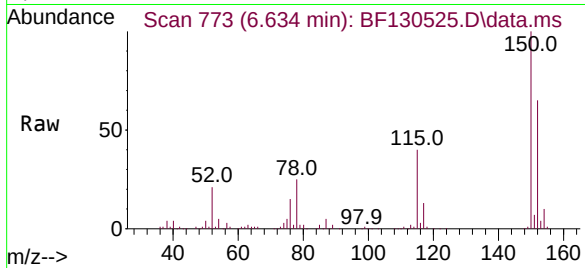




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

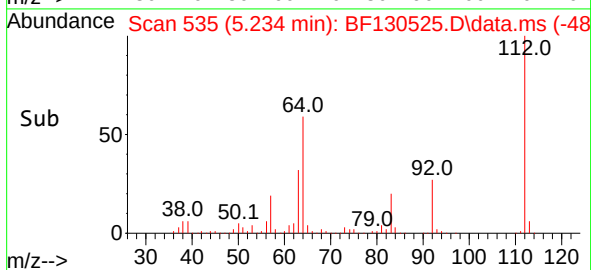
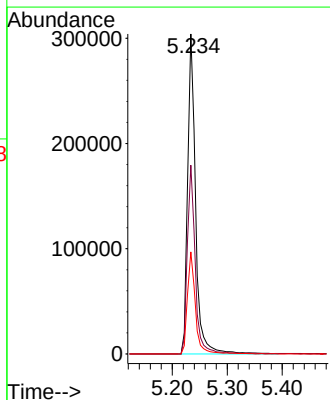
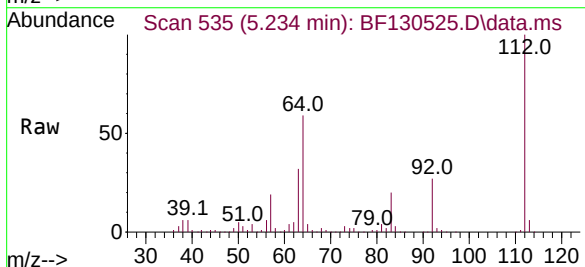
Instrument :
 BNA_F
 ClientSampleId :

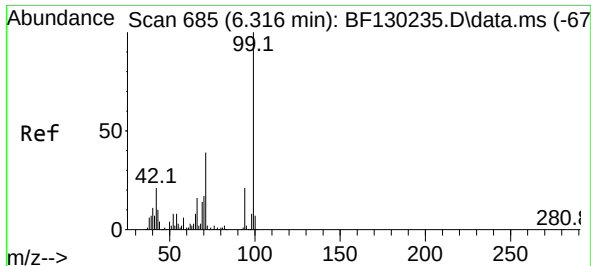
Tgt Ion:152 Resp: 77847
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.8 184.2
 115 61.2 53.8 80.8



#5
 2-Fluorophenol
 Concen: 67.896 ng
 RT: 5.234 min Scan# 535
 Delta R.T. -0.012 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

Tgt Ion:112 Resp: 304732
 Ion Ratio Lower Upper
 112 100
 64 59.0 51.4 77.0
 63 31.9 28.8 43.2



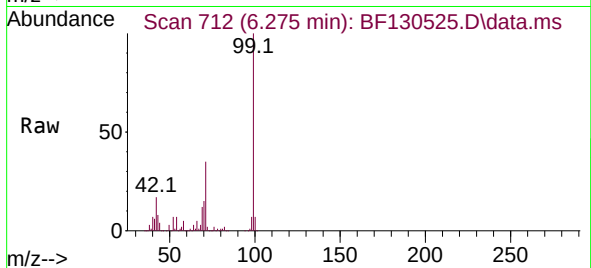


#7
Phenol-d6
Concen: 40.716 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

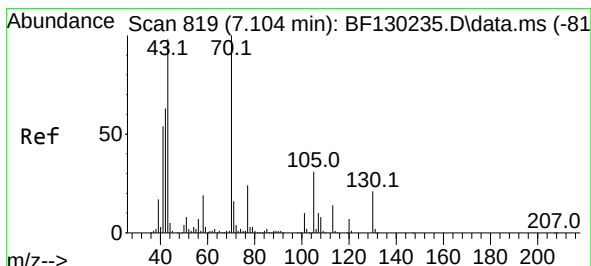
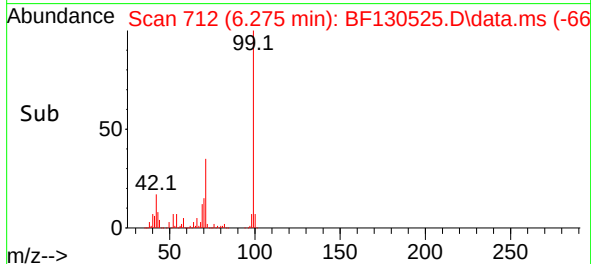
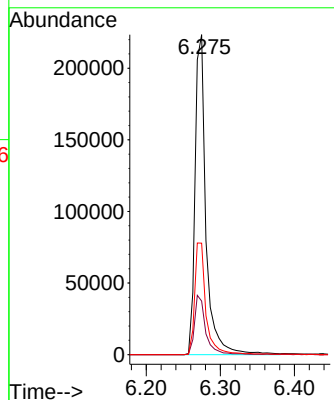
Instrument :

BNA_F

ClientSampleId :

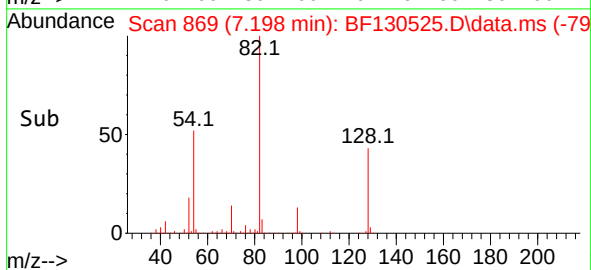
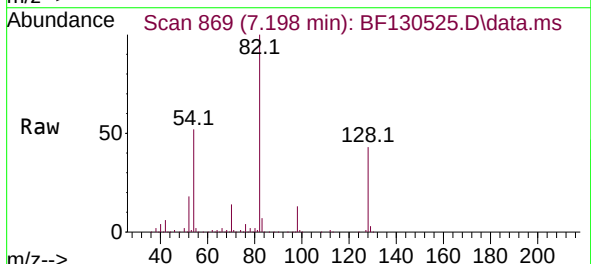
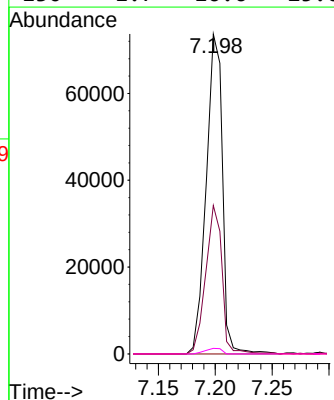


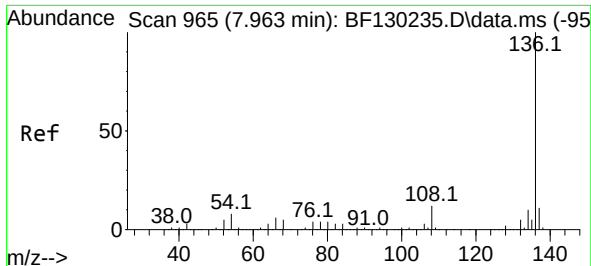
Tgt Ion: 99 Resp: 228655
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6#
71 34.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.324 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.129 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

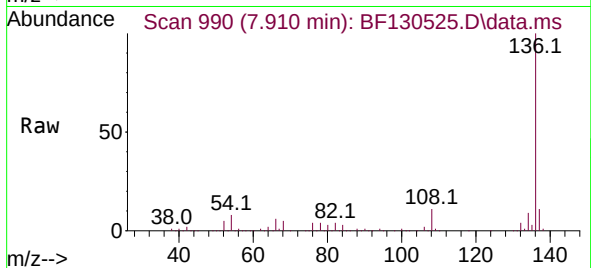
Tgt Ion: 70 Resp: 73227
Ion Ratio Lower Upper
70 100
42 46.4 50.8 76.2#
101 0.0 8.2 12.4#
130 1.7 16.6 25.0#



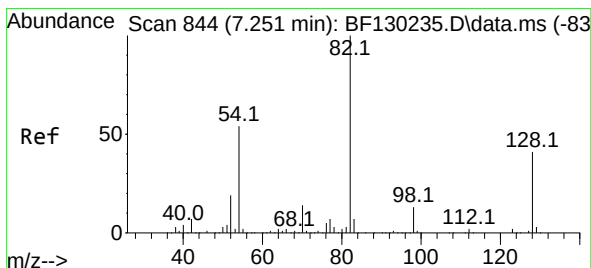
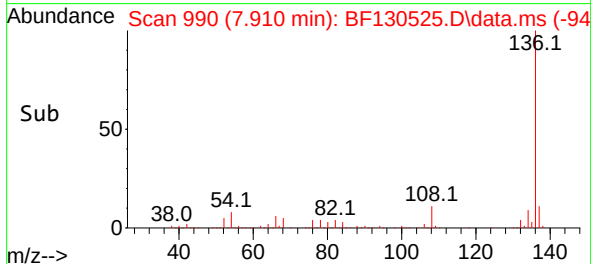
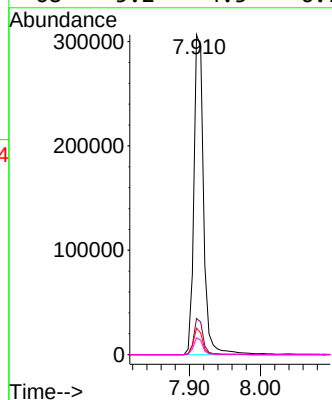


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 99
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

Instrument :
BNA_F
ClientSampleId :

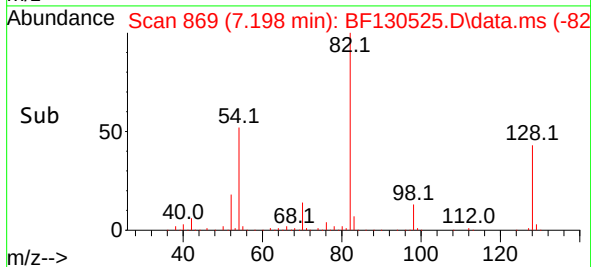
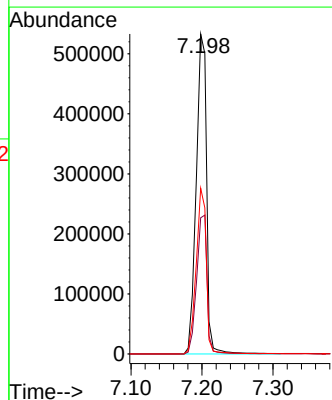
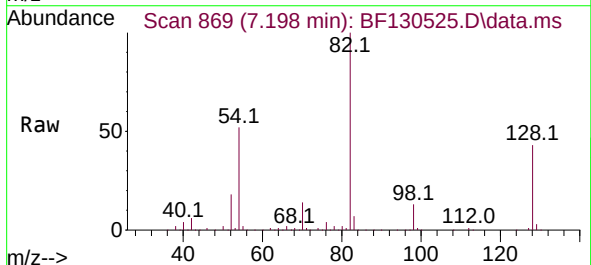


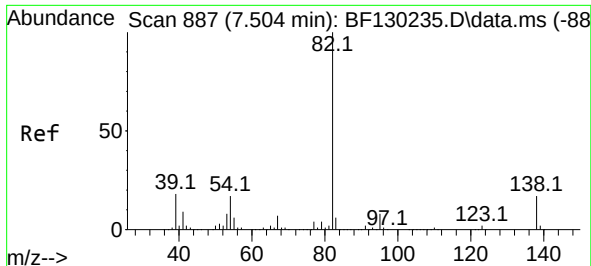
Tgt Ion:136 Resp: 292523
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.3 7.1 10.7
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 94.703 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

Tgt Ion: 82 Resp: 542251
Ion Ratio Lower Upper
82 100
128 42.5 32.6 49.0
54 51.8 43.8 65.6

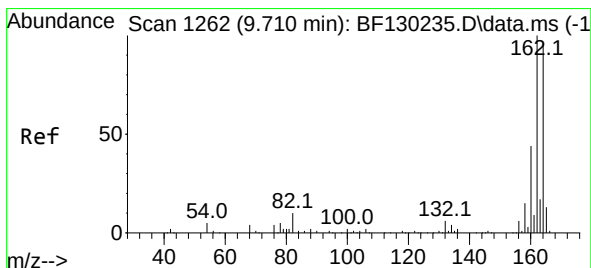
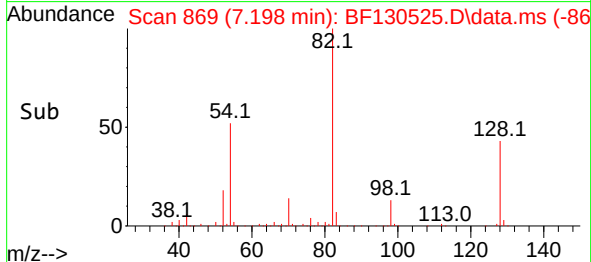
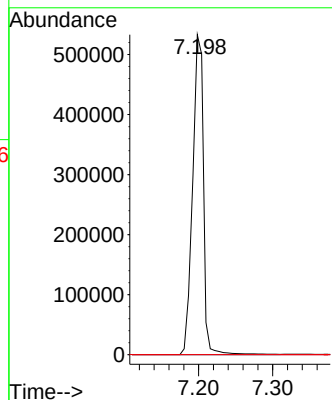
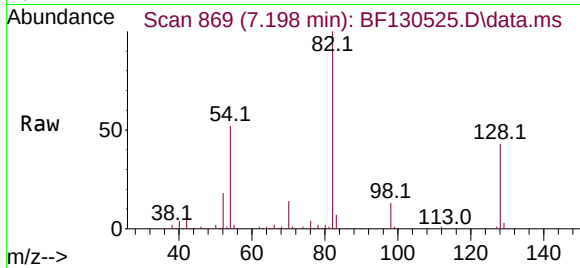




#25
Isophorone
Concen: 58.764 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.277 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

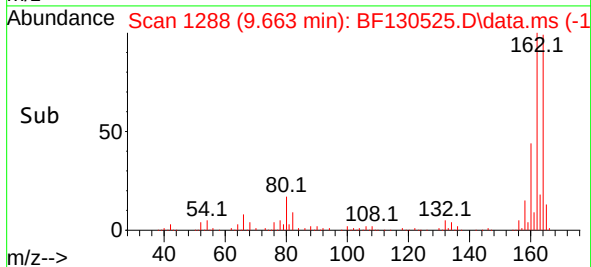
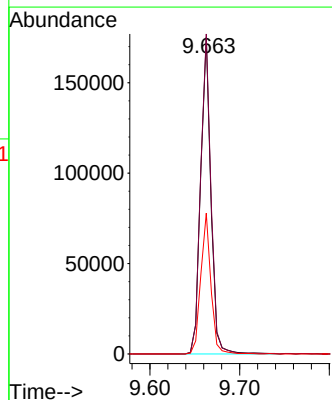
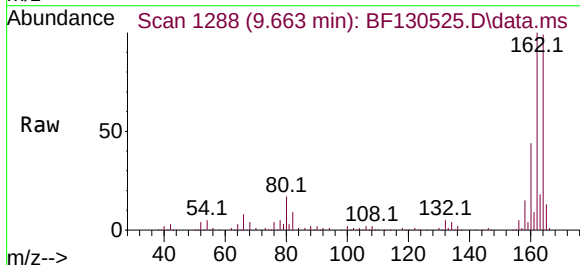
Instrument :
BNA_F
ClientSampleId :

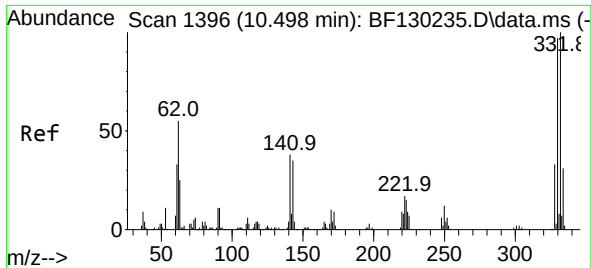
Tgt Ion: 82 Resp: 542312
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

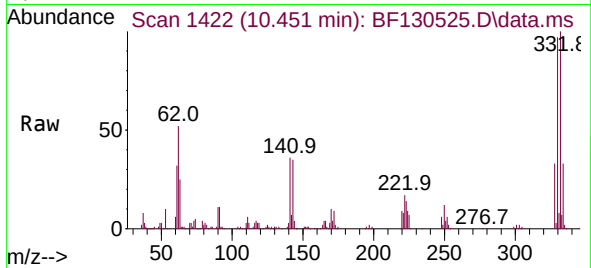
Tgt Ion: 164 Resp: 138641
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 44.5 36.2 54.4



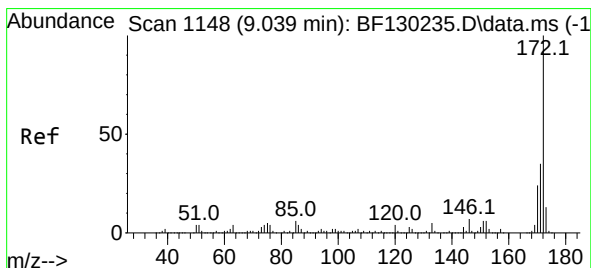
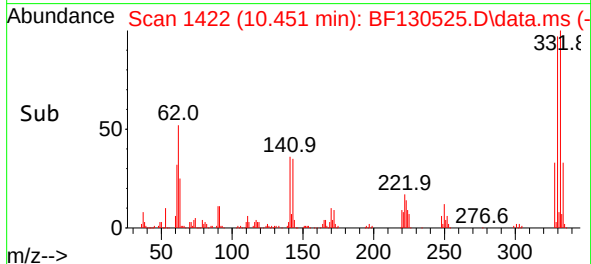
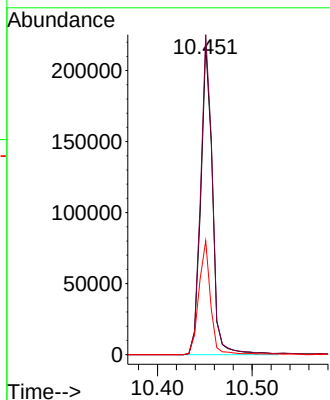


#42
 2,4,6-Tribromophenol
 Concen: 140.692 ng
 RT: 10.451 min Scan# 14
 Delta R.T. -0.018 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

Instrument :
 BNA_F
 ClientSampleId :

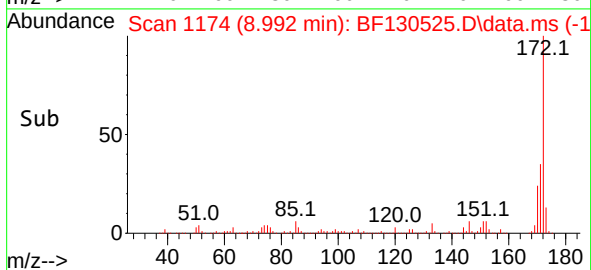
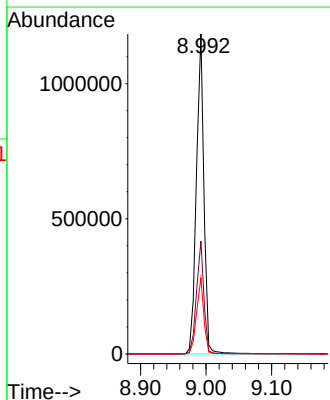
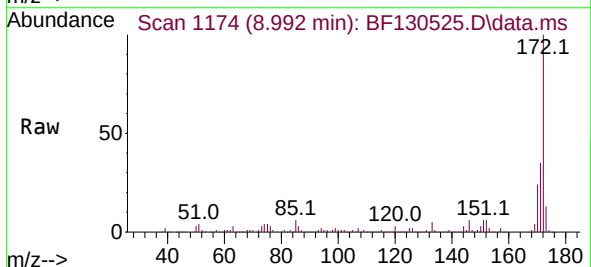


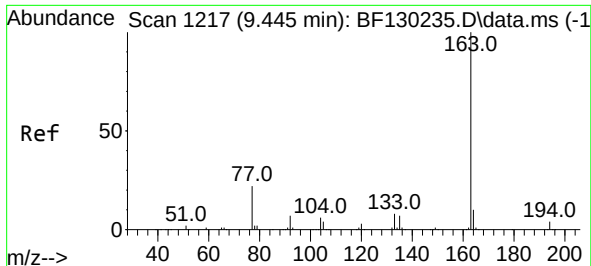
Tgt Ion:330 Resp: 186901
 Ion Ratio Lower Upper
 330 100
 332 104.5 83.4 125.2
 141 36.9 34.0 51.0



#45
 2-Fluorobiphenyl
 Concen: 99.722 ng
 RT: 8.992 min Scan# 1174
 Delta R.T. -0.018 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

Tgt Ion:172 Resp: 949432
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.8 18.7 28.1

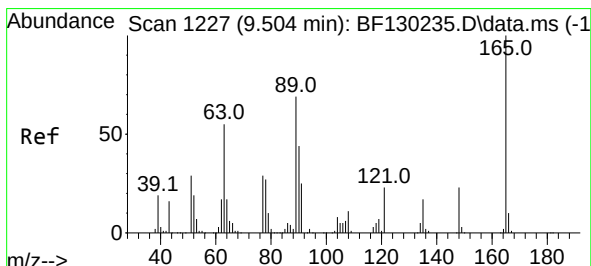
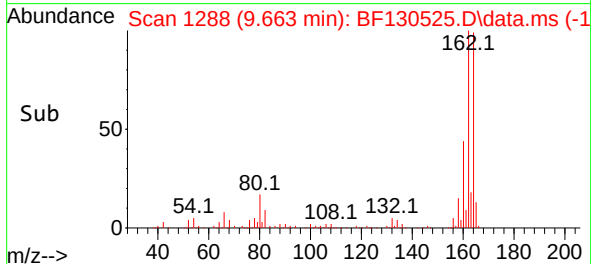
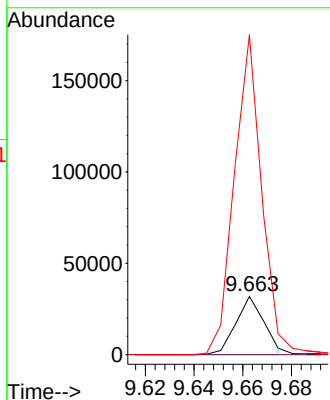
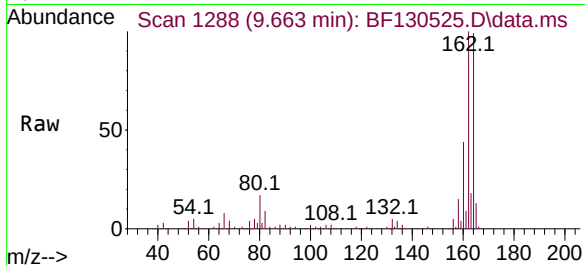




#50
Dimethylphthalate
Concen: 2.668 ng
RT: 9.663 min Scan# 1217
Delta R.T. 0.247 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

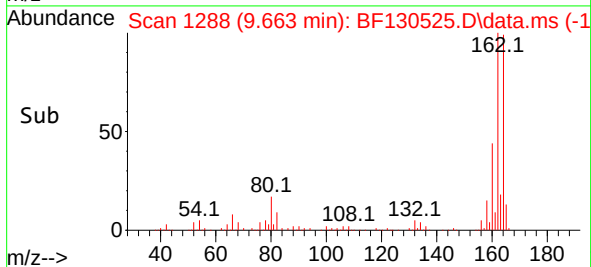
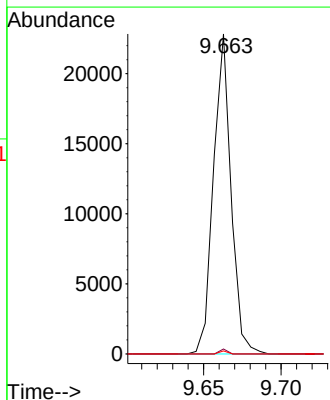
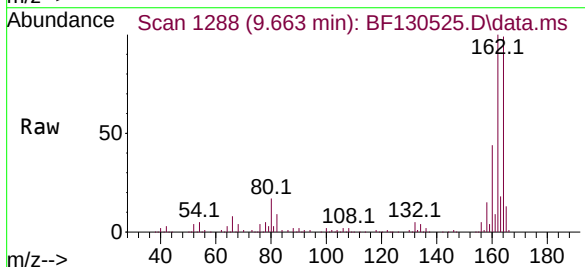
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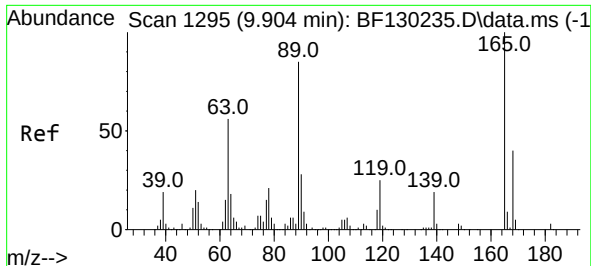
Tgt Ion:163 Resp: 25546
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 549.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.965 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.188 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

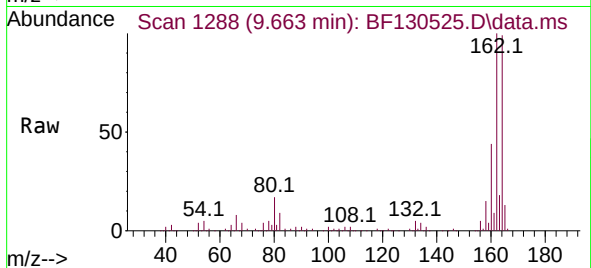
Tgt Ion:165 Resp: 17955
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 0.9 54.5 81.7#



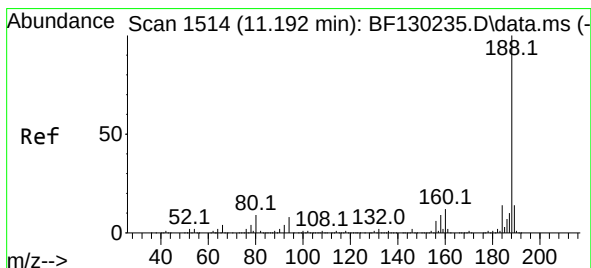
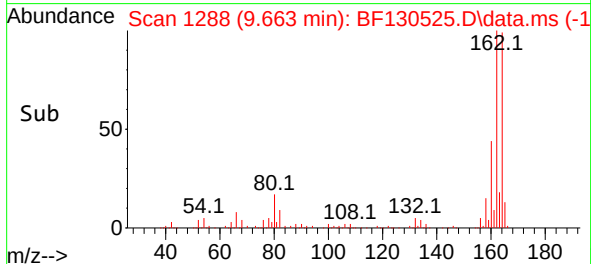
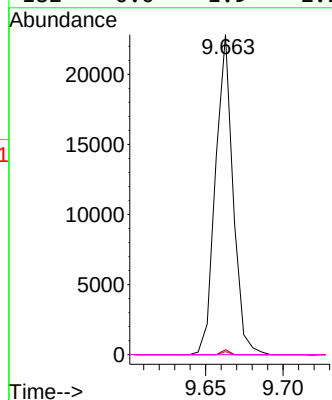


#57
2,4-Dinitrotoluene
Concen: 7.015 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

Instrument :
BNA_F
ClientSampleId :

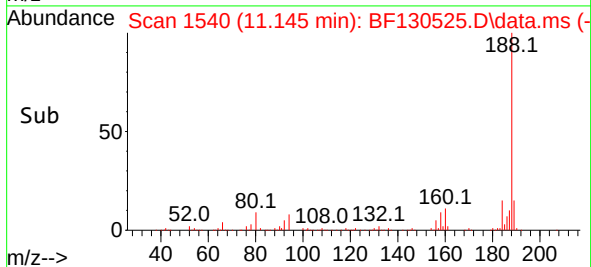
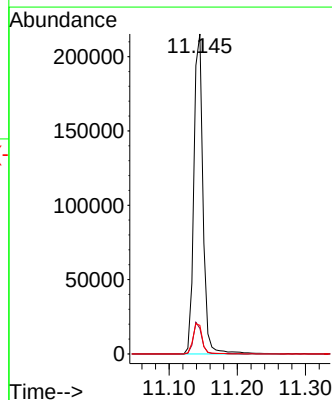
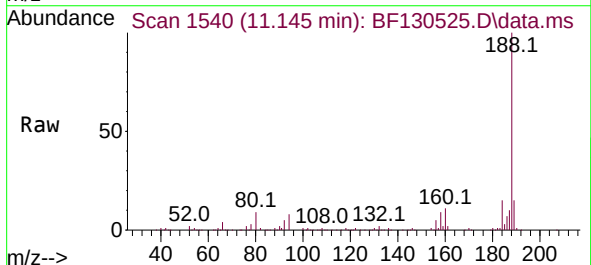


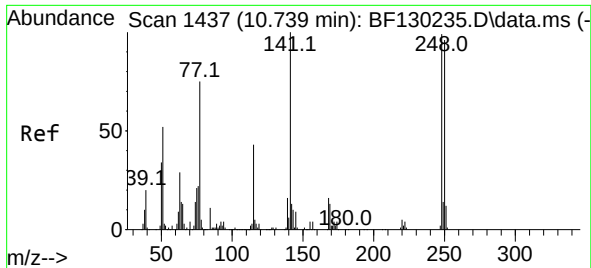
Tgt Ion:165 Resp: 17955
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 0.9 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

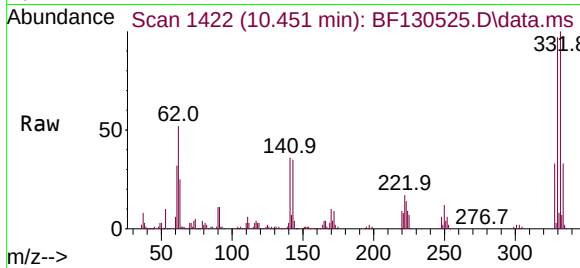
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Ion Ratio Lower Upper
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94 8.0 7.4 11.2
80 8.9 7.9 11.9



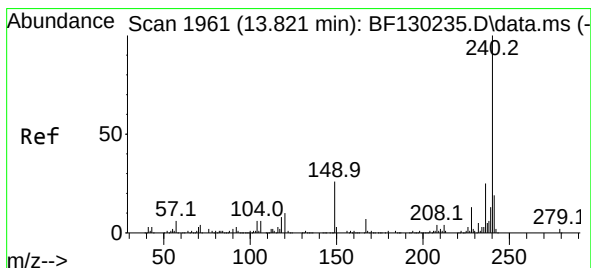
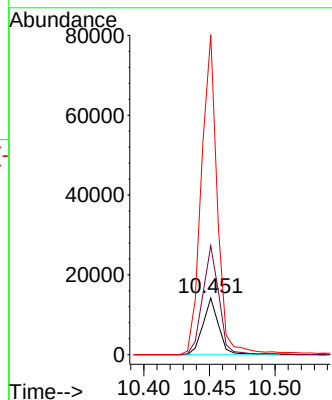
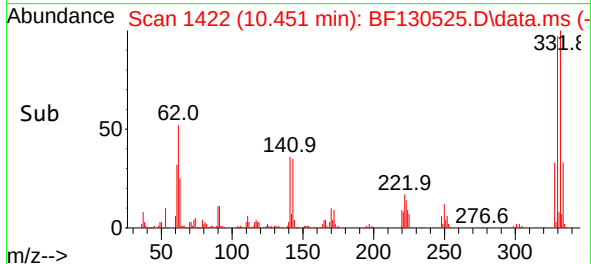


#67
4-Bromophenyl-phenylether
Concen: 5.296 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

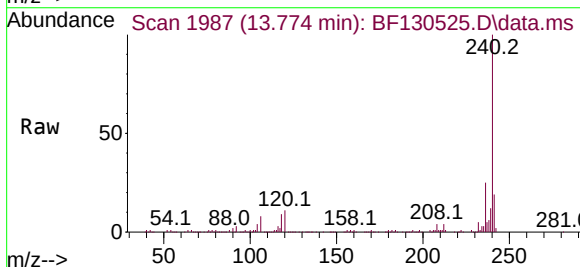
Instrument :
BNA_F
ClientSampleId :



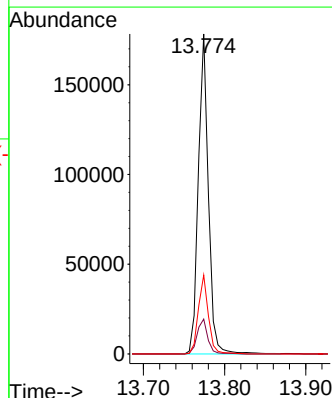
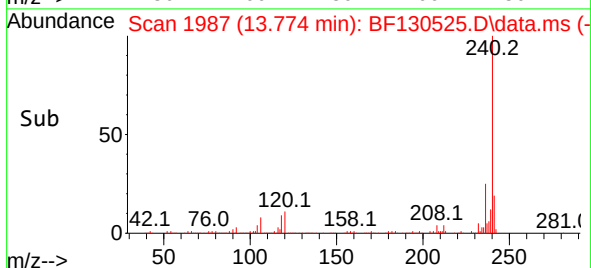
Tgt Ion:248 Resp: 11723
Ion Ratio Lower Upper
248 100
250 192.5 80.0 120.0#
141 565.5 68.5 102.7#

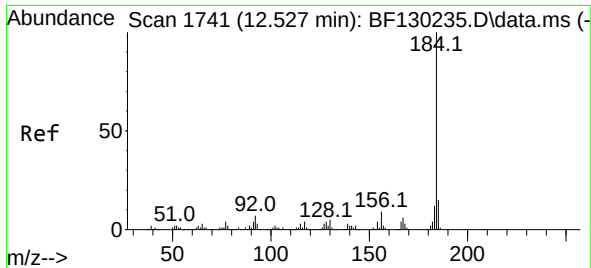


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47



Tgt Ion:240 Resp: 152736
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 24.7 20.9 31.3

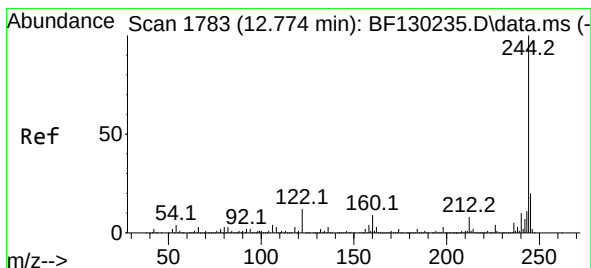
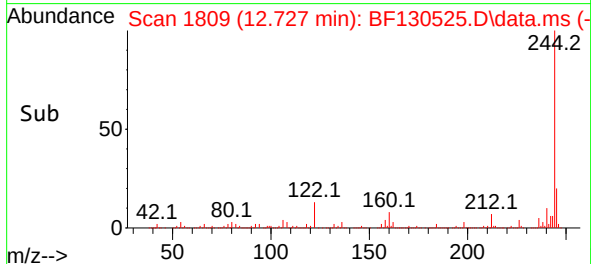
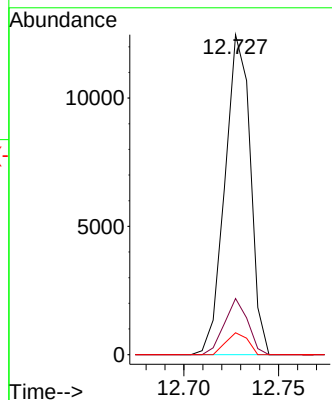
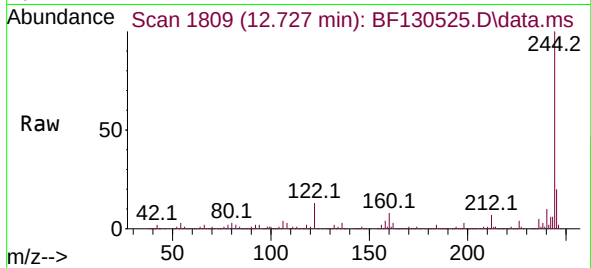




#77
Benzidine
Concen: 2.624 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.229 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

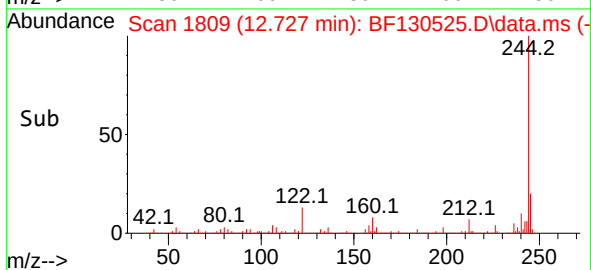
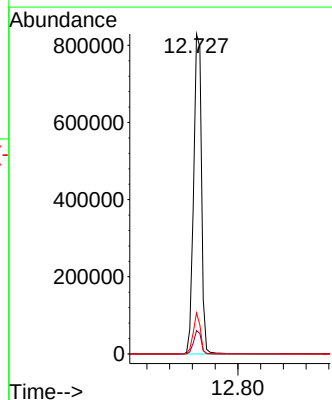
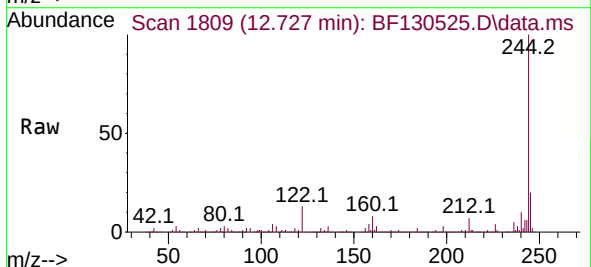
Instrument :
BNA_F
ClientSampleId :

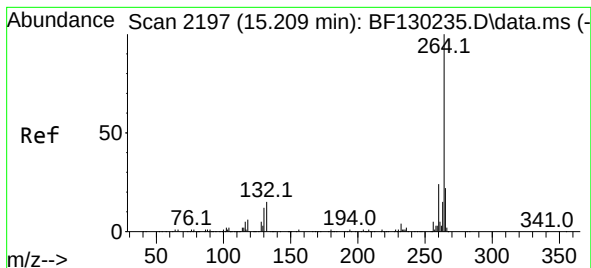
Tgt Ion:184 Resp: 11634
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.6
183 6.9 9.1 13.7#



#79
Terphenyl-d14
Concen: 85.768 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

Tgt Ion:244 Resp: 790817
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.8 8.5 12.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.162 min Scan# 21

Delta R.T. -0.012 min

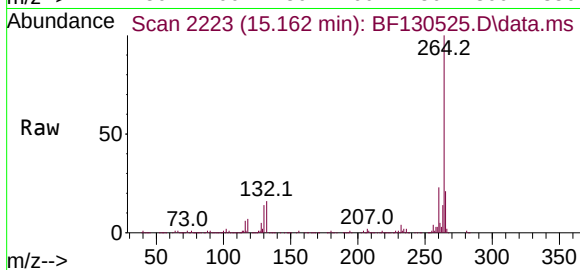
Lab File: BF130525.D

Acq: 04 Oct 2022 18:47

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 187143

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.2 17.0 25.4

