

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125950.D
 Acq On : 26 Oct 2021 23:51
 Operator : JU/CG
 Sample : M4348-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 287

Quant Time: Oct 27 09:05:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

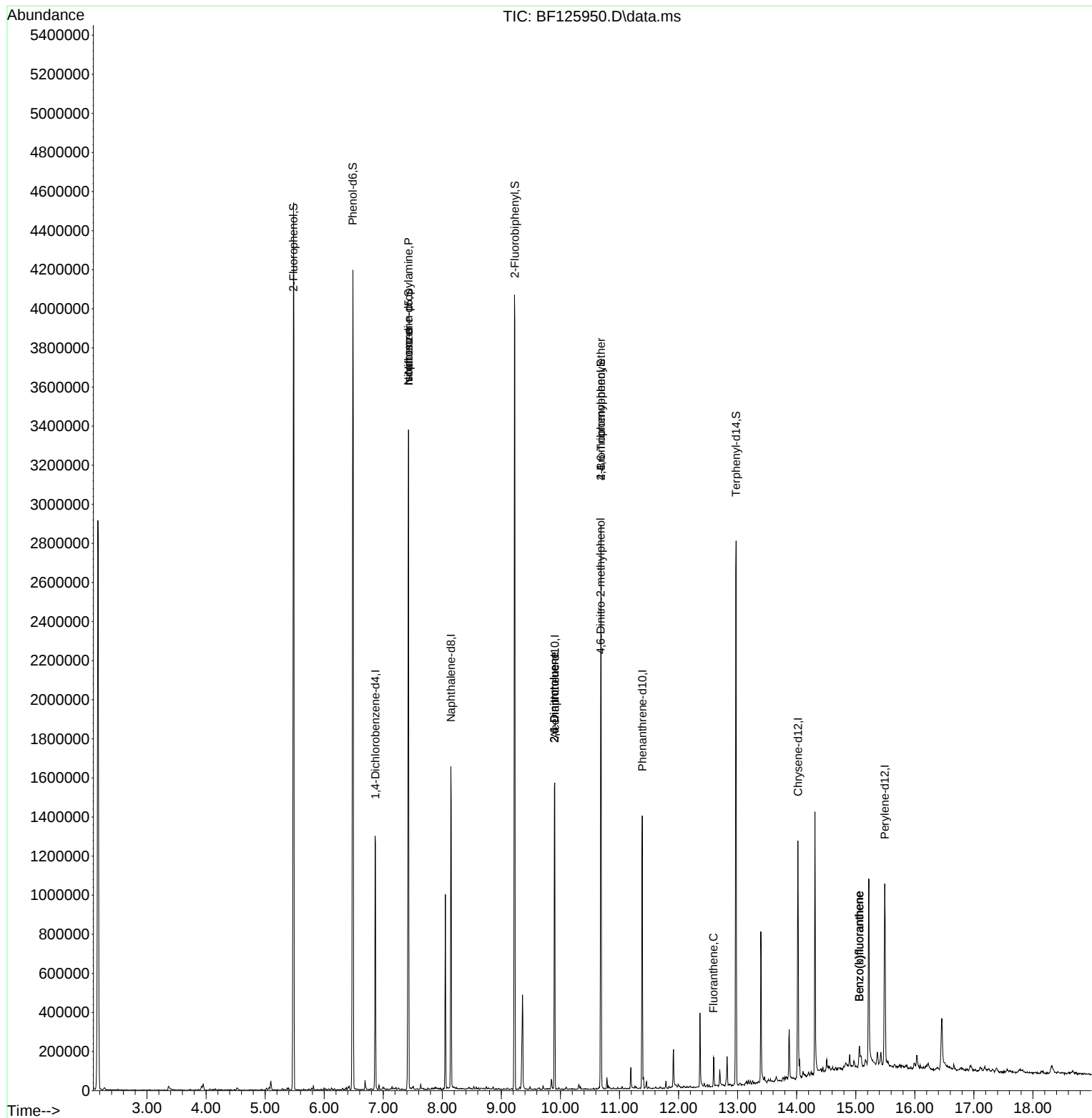
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	169501	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	668185	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	337733	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	496630	20.000	ng	0.00
76) Chrysene-d12	14.021	240	368249	20.000	ng	-0.01
86) Perylene-d12	15.492	264	398232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1148958	100.967	ng	0.00
7) Phenol-d6	6.487	99	1417575	90.824	ng	0.00
23) Nitrobenzene-d5	7.428	82	939580	72.633	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	261000	88.650	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1268472	66.419	ng	0.00
79) Terphenyl-d14	12.974	244	920240	40.876	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	128146	14.370	ng	# 67
25) Isophorone	7.428	82	939390	38.133	ng	# 59
51) 2,6-Dinitrotoluene	9.898	165	41875	10.148	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	41875	8.262	ng	# 20
58) Fluorene	10.445	166	911	Below Cal		# 58
65) 4,6-Dinitro-2-methylph...	10.680	198	575	6.296	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	19176	3.615	ng	# 1
75) Fluoranthene	12.592	202	58869	2.266	ng	97
88) Benzo(b)fluoranthene	15.062	252	72773	2.769	ng	95
89) Benzo(k)fluoranthene	15.062	252	72773	2.882	ng	# 94

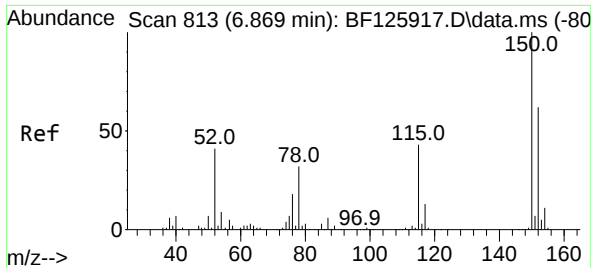
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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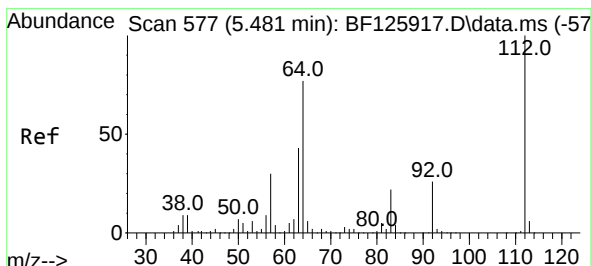
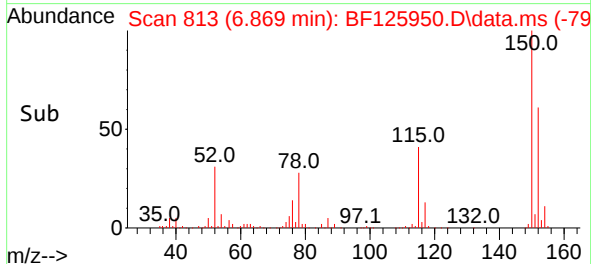
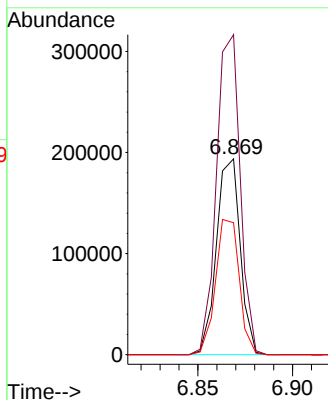
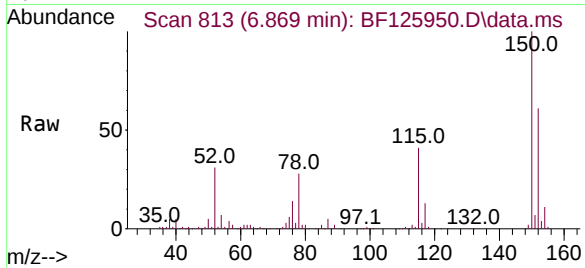




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

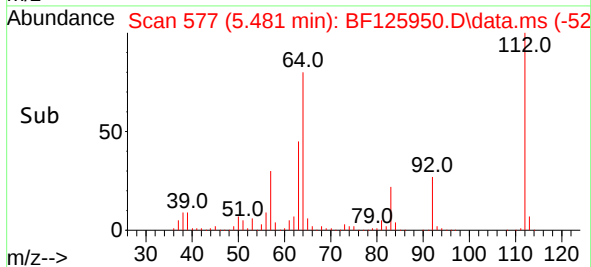
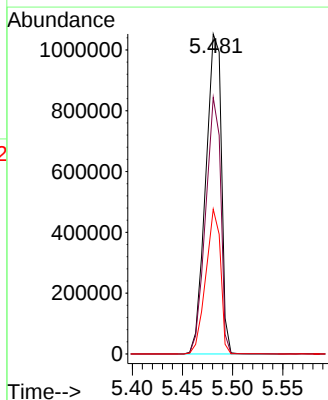
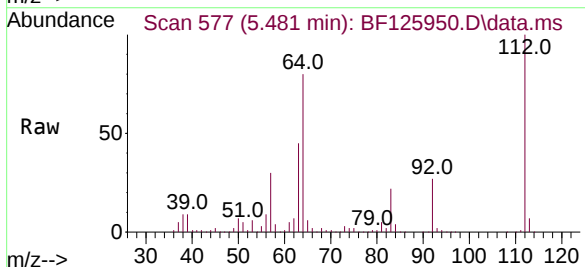
Instrument :
BNA_F
ClientSampleId :
287

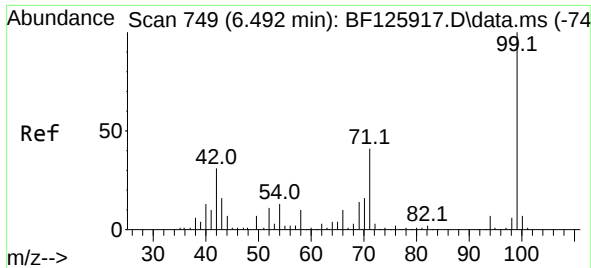
Tgt Ion:152 Resp: 169501
Ion Ratio Lower Upper
152 100
150 163.5 117.6 176.4
115 67.5 47.1 70.7



#5
2-Fluorophenol
Concen: 100.967 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:112 Resp: 1148958
Ion Ratio Lower Upper
112 100
64 80.2 44.2 66.2#
63 45.2 26.2 39.2#

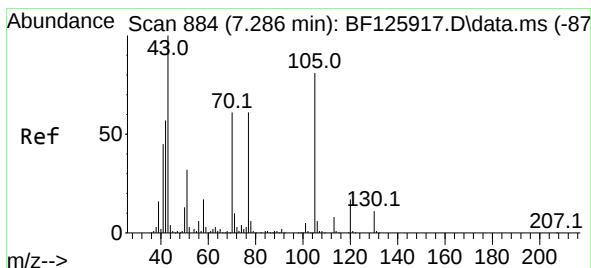
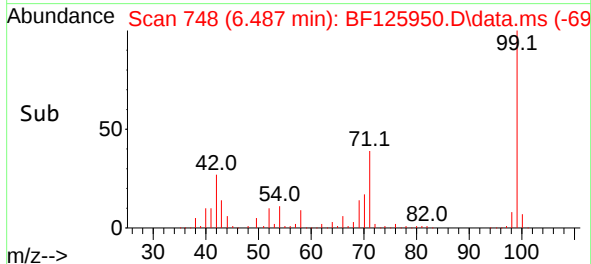
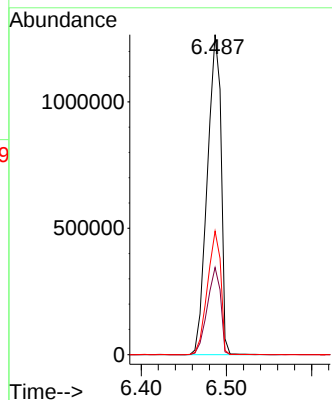
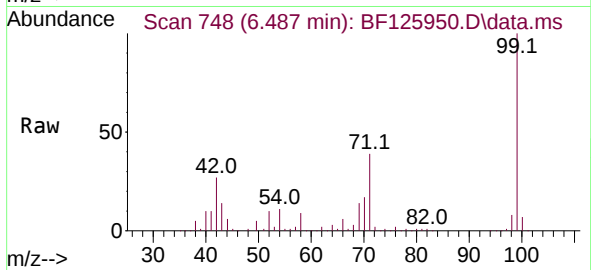




#7
Phenol-d6
Concen: 90.824 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

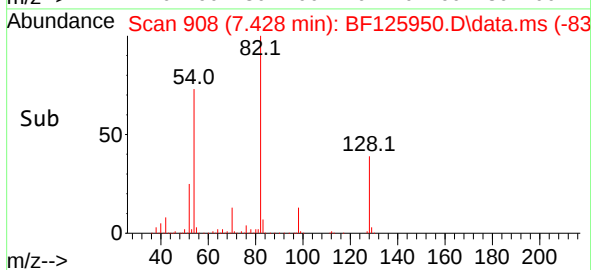
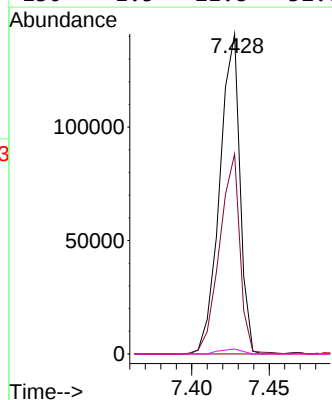
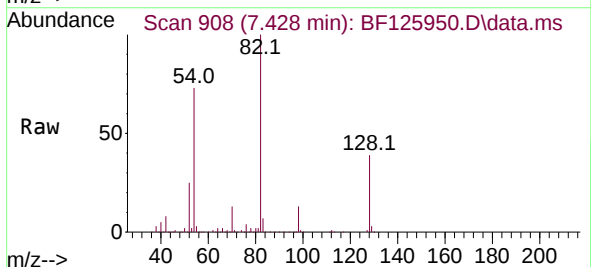
Instrument :
BNA_F
ClientSampleId :
287

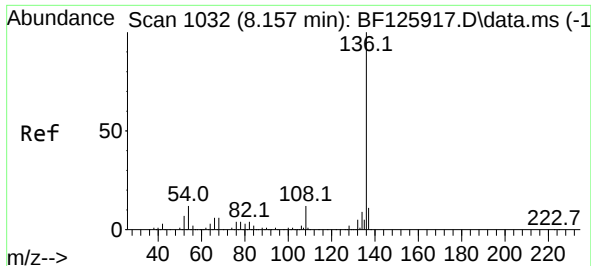
Tgt Ion: 99 Resp: 1417575
Ion Ratio Lower Upper
99 100
42 27.2 23.5 35.3
71 38.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.370 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

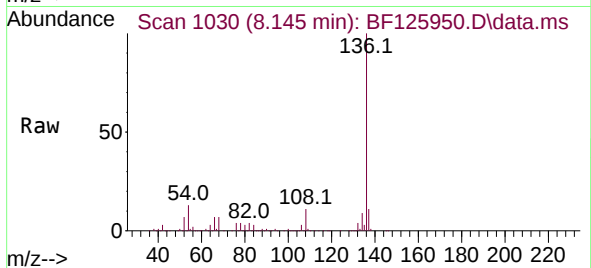
Tgt Ion: 70 Resp: 128146
Ion Ratio Lower Upper
70 100
42 62.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#



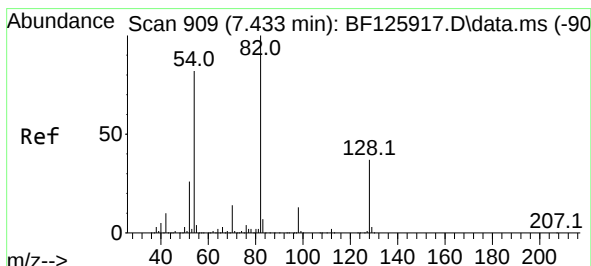
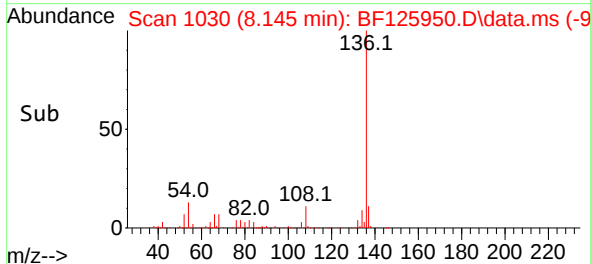
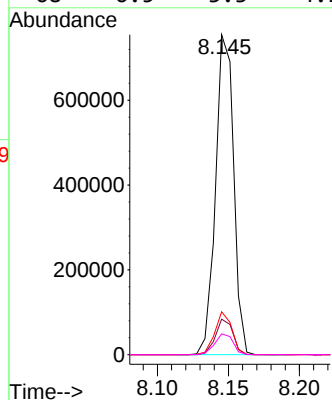


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Instrument :
BNA_F
ClientSampleId :
287

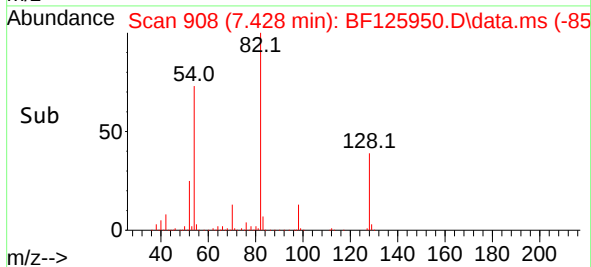
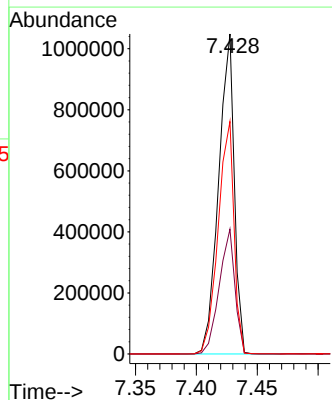
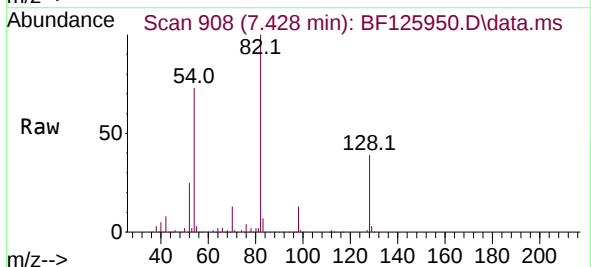


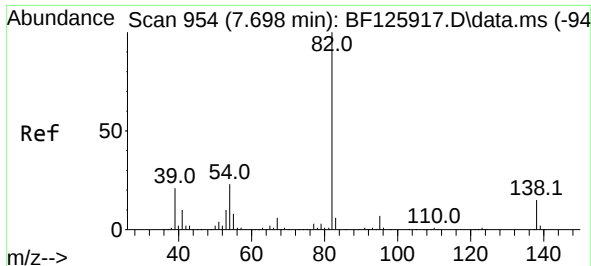
Tgt Ion:136 Resp: 668185
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 13.4 6.4 9.6#
68 6.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 72.633 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion: 82 Resp: 939580
Ion Ratio Lower Upper
82 100
128 39.0 40.6 60.8#
54 72.7 49.6 74.4

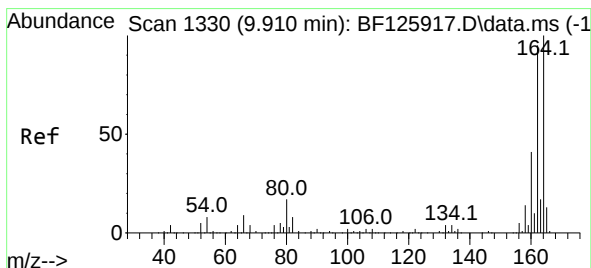
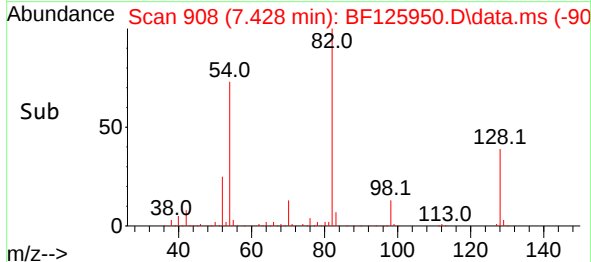
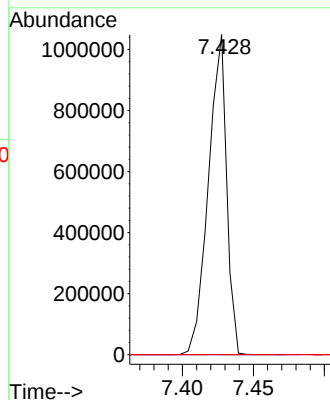
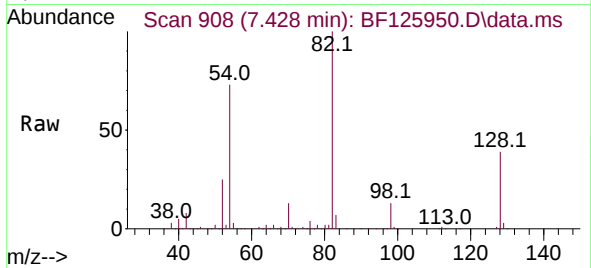




#25
Isophorone
Concen: 38.133 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

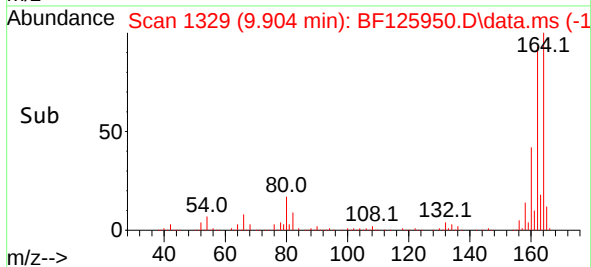
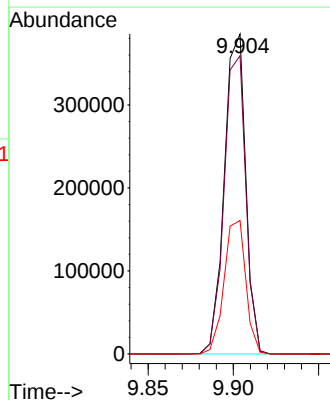
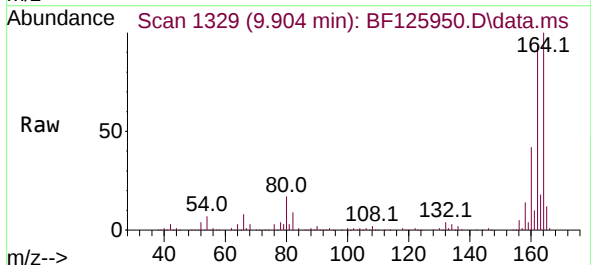
Instrument :
BNA_F
ClientSampleId :
287

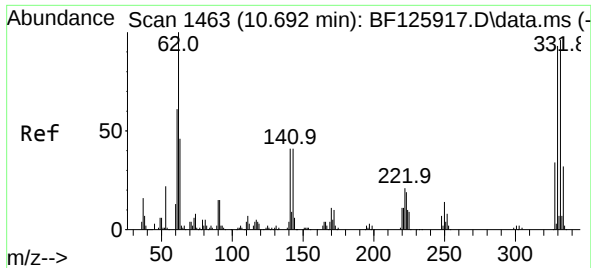
Tgt Ion: 82 Resp: 939390
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

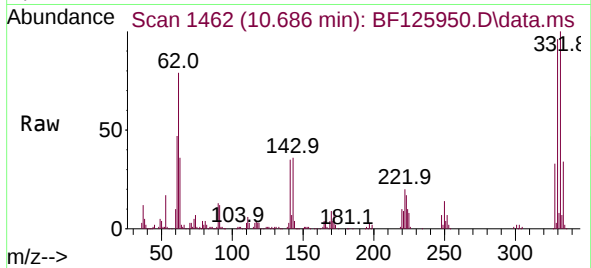
Tgt Ion: 164 Resp: 337733
Ion Ratio Lower Upper
164 100
162 93.2 81.3 121.9
160 41.7 38.0 57.0



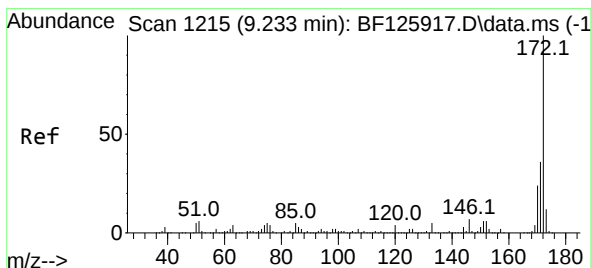
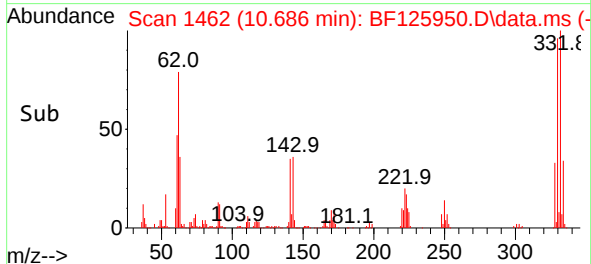
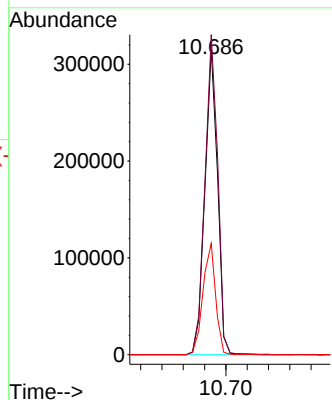


#42
2,4,6-Tribromophenol
Concen: 88.650 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Instrument :
BNA_F
ClientSampleId :
287

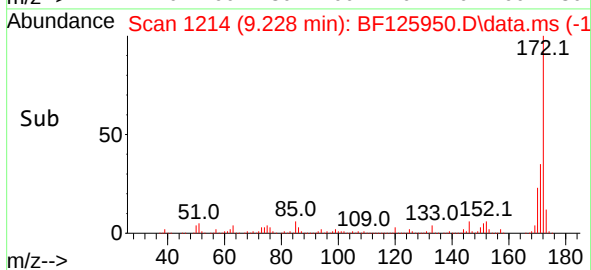
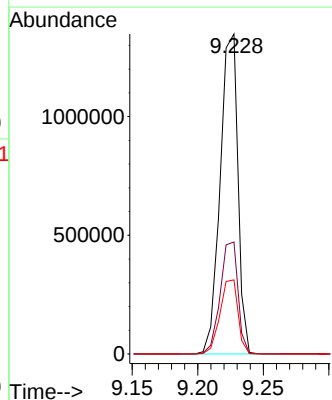
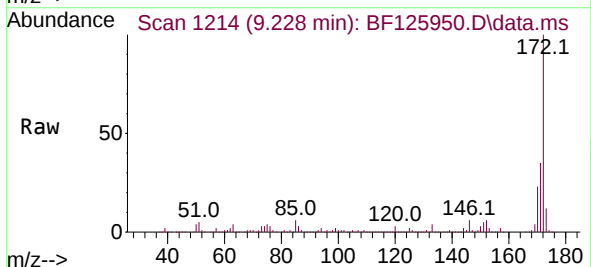


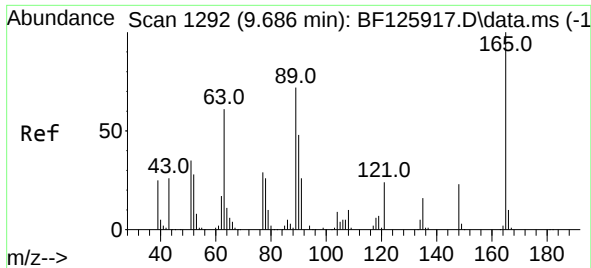
Tgt Ion:330 Resp: 261000
Ion Ratio Lower Upper
330 100
332 106.1 76.2 114.4
141 36.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.419 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:172 Resp: 1268472
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.2 18.8 28.2

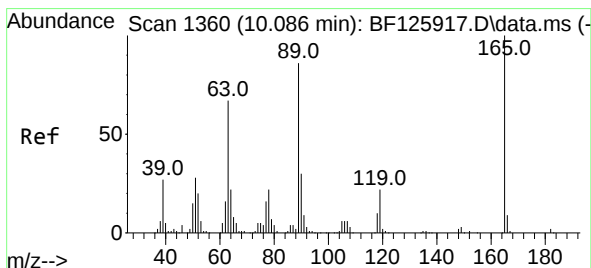
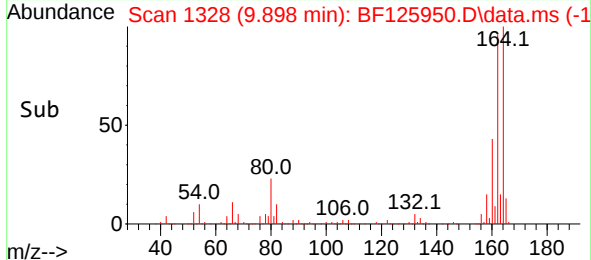
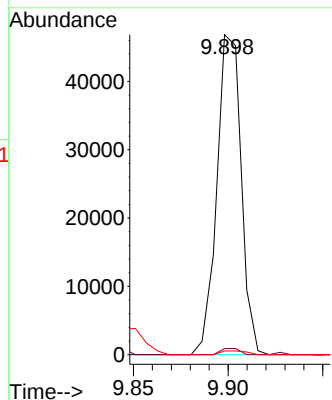
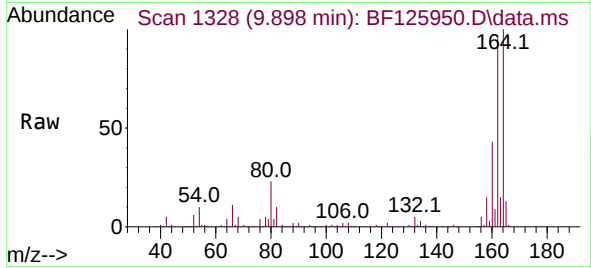




#51
2,6-Dinitrotoluene
Concen: 10.148 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

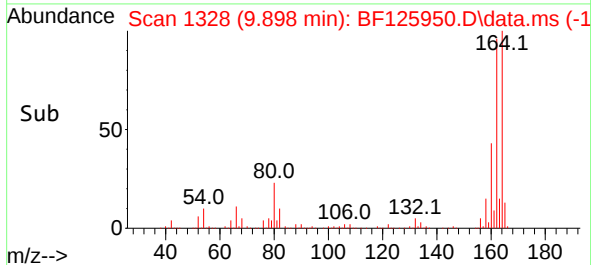
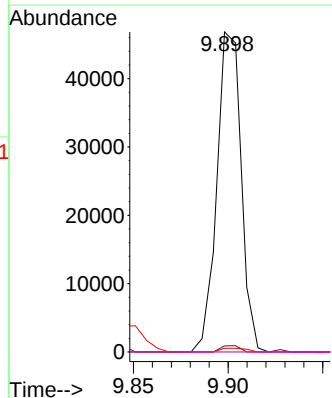
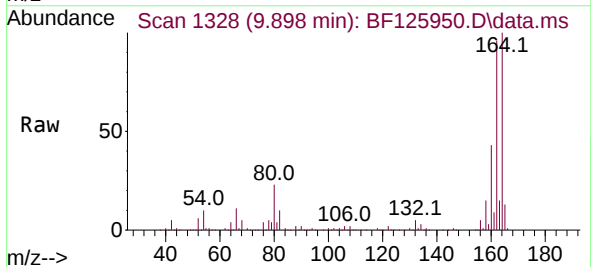
Instrument :
BNA_F
ClientSampleId :
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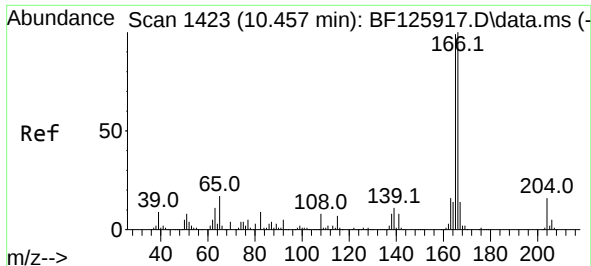
Tgt Ion:165 Resp: 41875
Ion Ratio Lower Upper
165 100
63 1.9 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.262 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:165 Resp: 41875
Ion Ratio Lower Upper
165 100
63 1.9 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

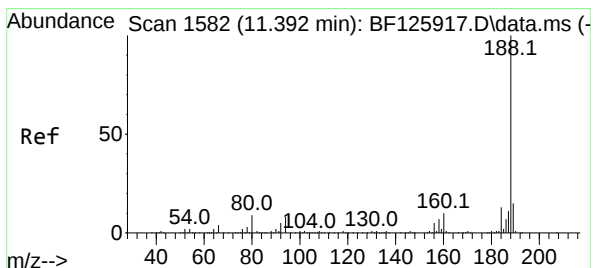
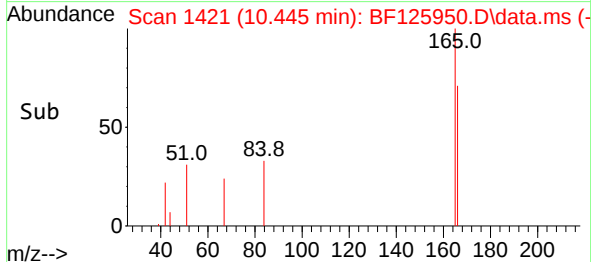
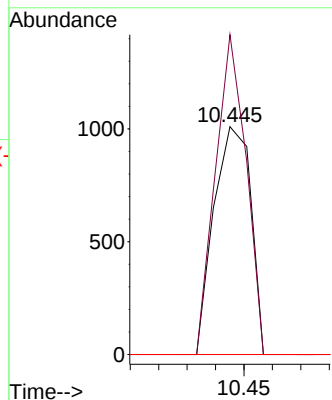
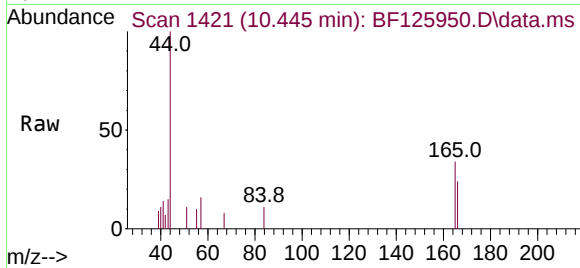




#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

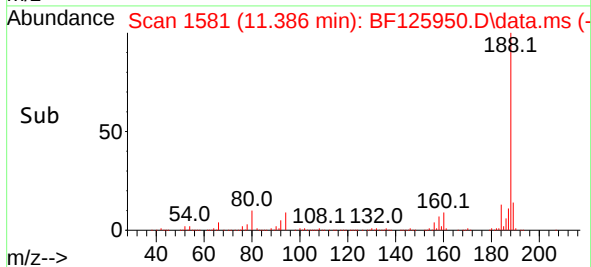
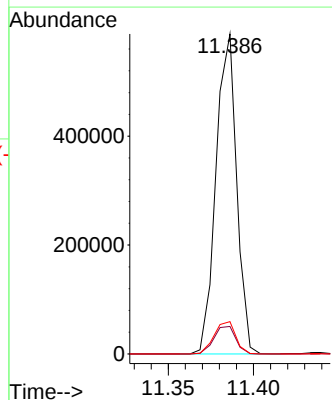
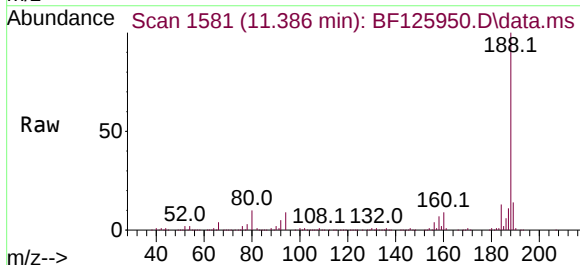
Instrument :
BNA_F
ClientSampled :
287

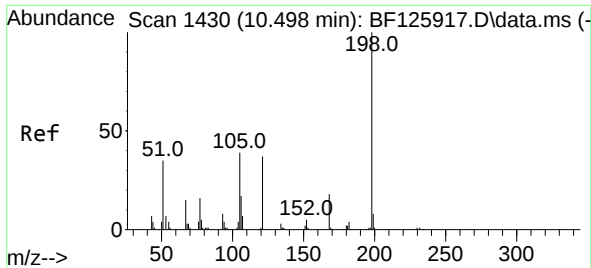
Tgt Ion:166 Resp: 911
Ion Ratio Lower Upper
166 100
165 140.4 78.1 117.1#
167 0.0 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:188 Resp: 496630
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 10.1 7.5 11.3

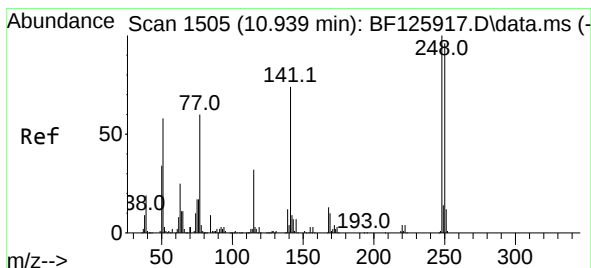
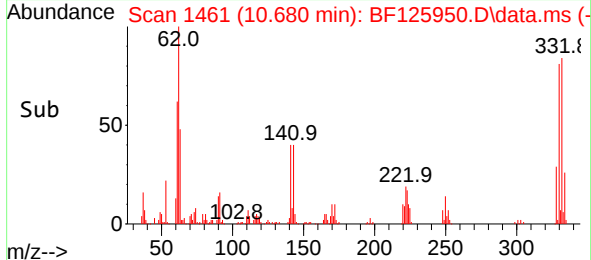
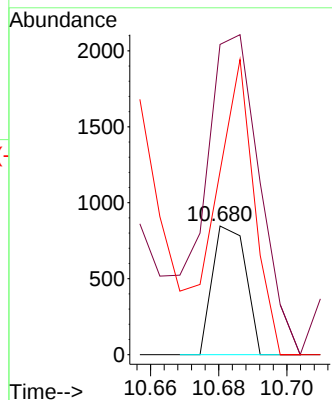
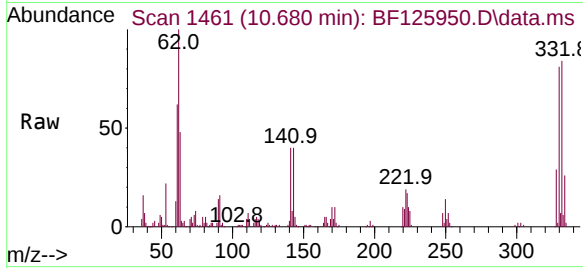




#65
4,6-Dinitro-2-methylphenol
Concen: 6.296 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.182 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

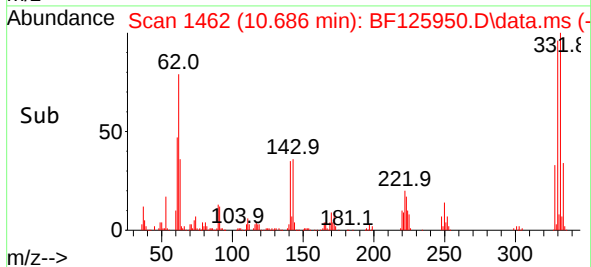
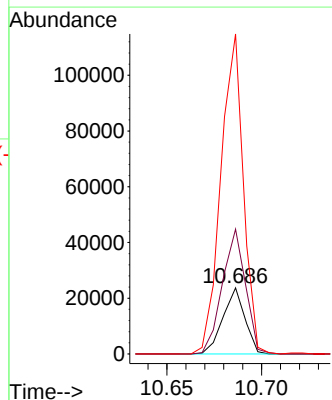
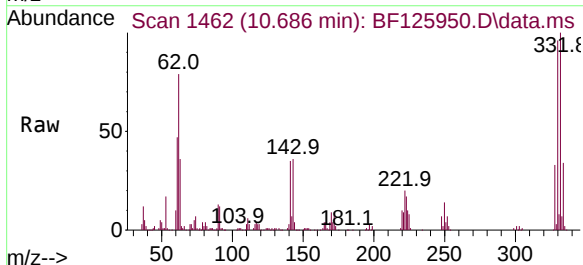
Instrument :
BNA_F
ClientSampleId :
287

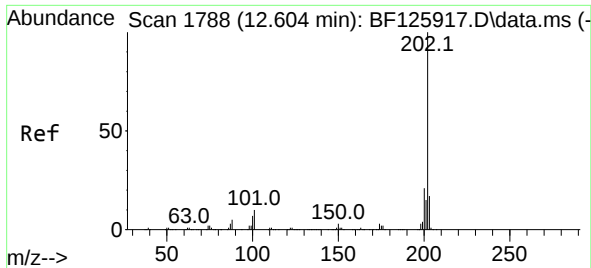
Tgt Ion:198 Resp: 575
Ion Ratio Lower Upper
198 100
51 241.1 45.3 85.3#
105 142.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:248 Resp: 19176
Ion Ratio Lower Upper
248 100
250 188.7 74.2 111.4#
141 484.0 60.4 90.6#

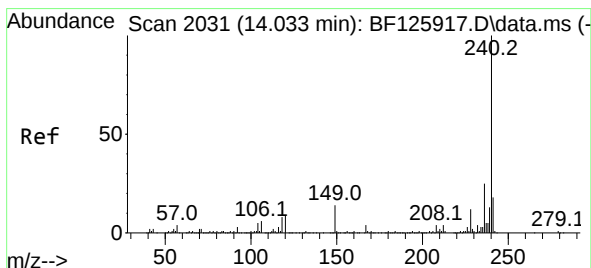
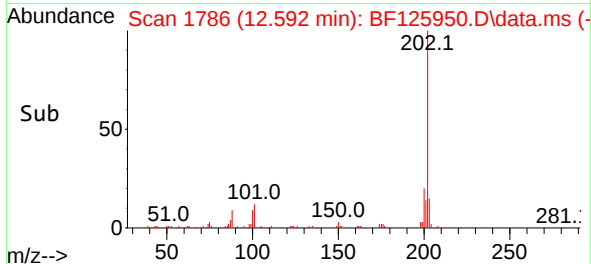
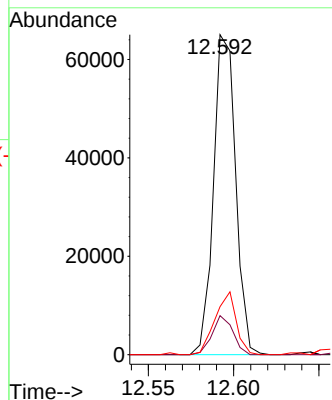
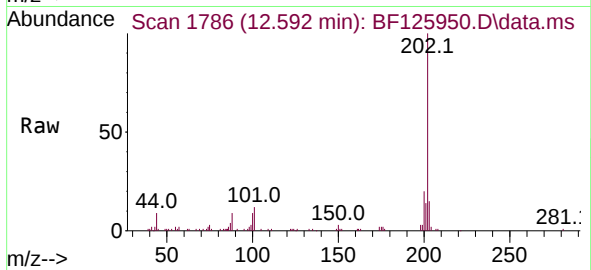




#75
Fluoranthene
Concen: 2.266 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

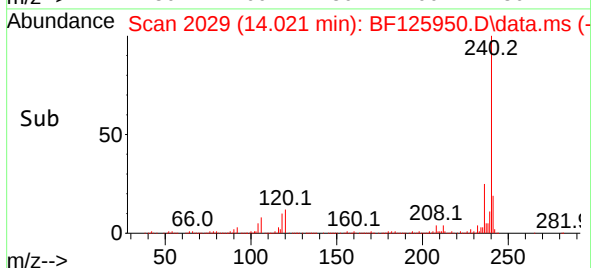
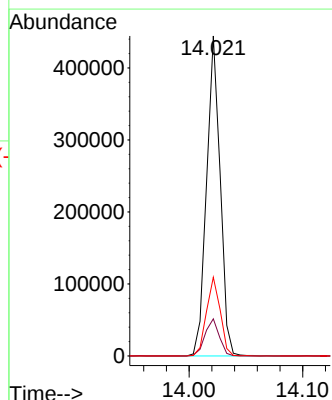
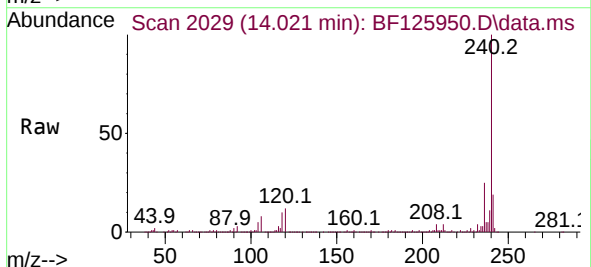
Instrument :
BNA_F
ClientSampleId :
287

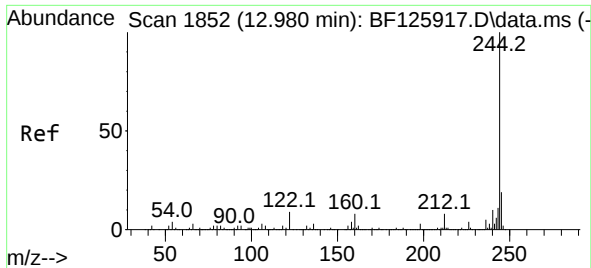
Tgt Ion:	202	Resp:	58869
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.7
203	15.0	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:	240	Resp:	368249
Ion Ratio	Lower	Upper	
240	100		
120	11.6	10.8	16.2
236	24.6	21.6	32.4

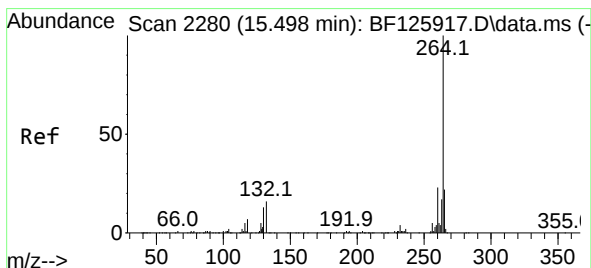
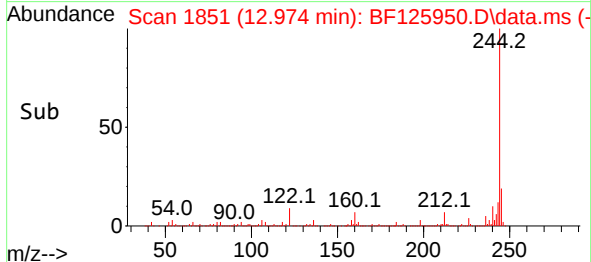
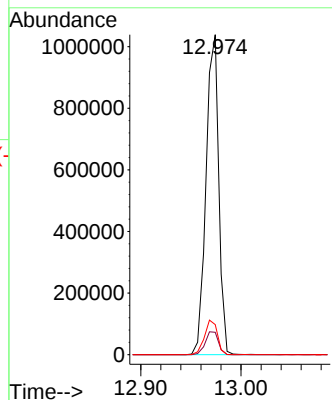
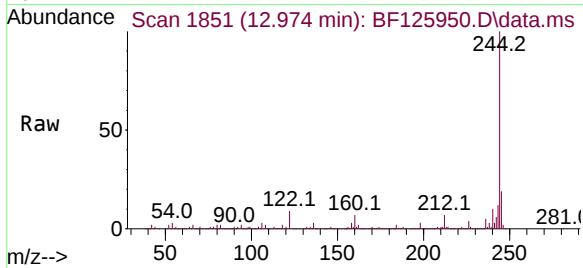




#79
Terphenyl-d14
Concen: 40.876 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

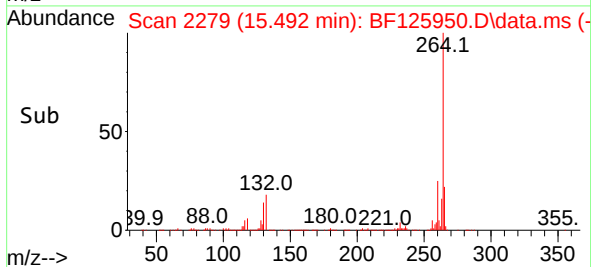
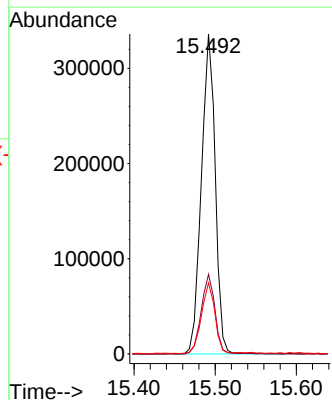
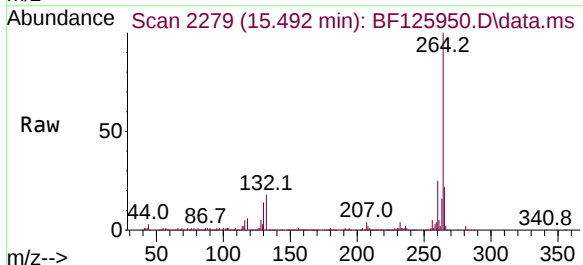
Instrument :
BNA_F
ClientSampleId :
287

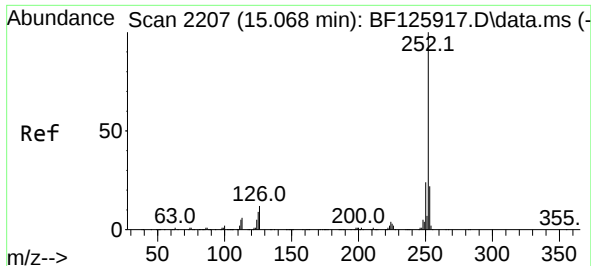
Tgt Ion:244 Resp: 920240
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:264 Resp: 398232
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.2 17.2 25.8

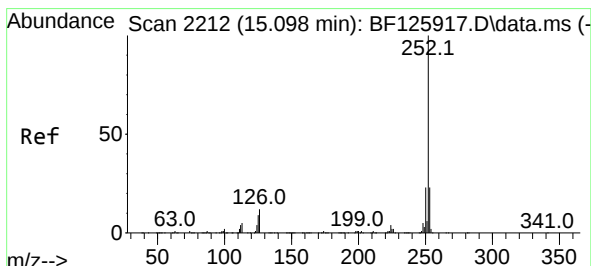
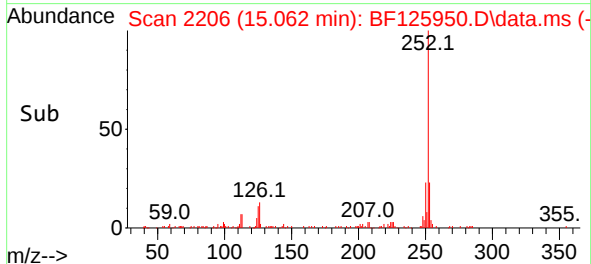
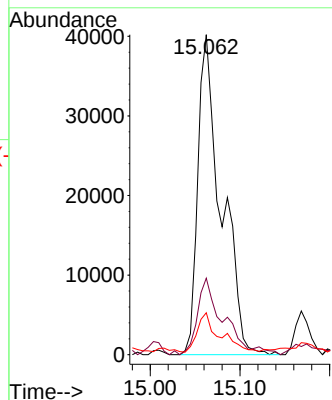
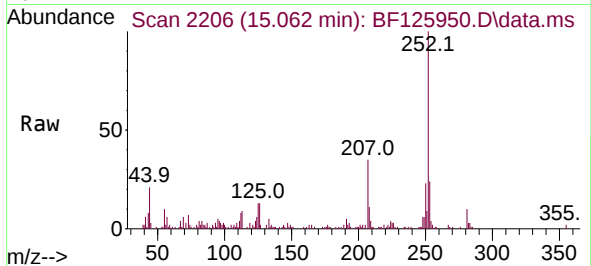




#88
Benzo(b)fluoranthene
Concen: 2.769 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Instrument :
BNA_F
ClientSampleId :
287

Tgt Ion:252 Resp: 72773
Ion Ratio Lower Upper
252 100
253 23.9 16.8 25.2
125 13.1 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 2.882 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.035 min
Lab File: BF125950.D
Acq: 26 Oct 2021 23:51

Tgt Ion:252 Resp: 72773
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 13.1 7.2 10.8#

