

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125864.D
 Acq On : 15 Oct 2021 15:54
 Operator : JU/CG
 Sample : M4240-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101421

Quant Time: Oct 15 16:18:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 15:00:46 2021
 Response via : Initial Calibration

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

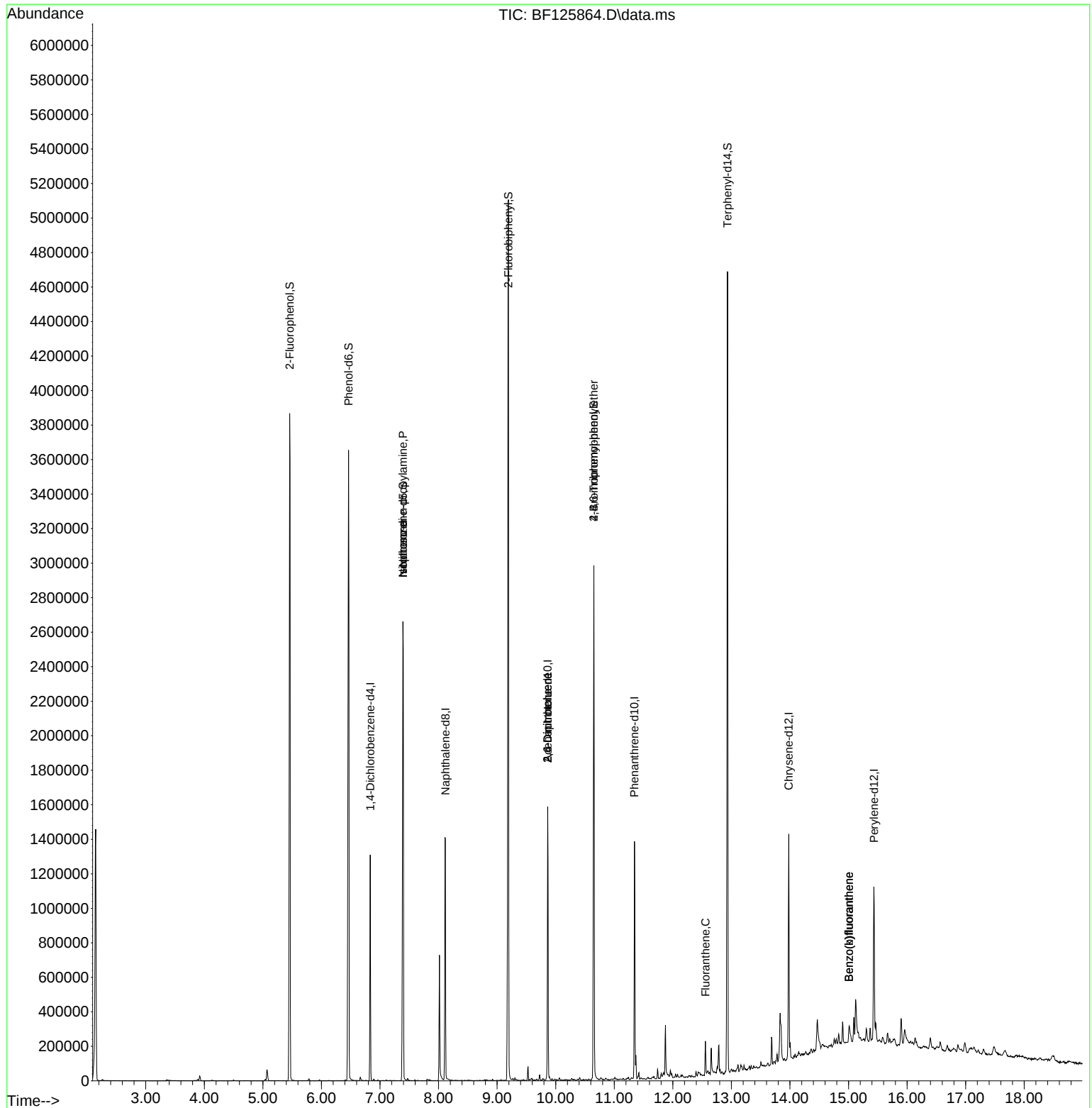
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	180804	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	711274	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	334118	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	485605	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	403504	20.000	ng	0.00
86) Perylene-d12	15.433	264	392388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1372644	124.023	ng	0.00
7) Phenol-d6	6.463	99	1711687	120.137	ng	0.00
23) Nitrobenzene-d5	7.392	82	1040634	90.944	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	393708	119.350	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1907610	98.477	ng	0.00
79) Terphenyl-d14	12.933	244	1612709	60.881	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	131191	17.443	ng	# 50
25) Isophorone	7.392	82	1033089	50.961	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	44608	10.034	ng	# 27
57) 2,4-Dinitrotoluene	9.863	165	44608	7.936	ng	# 19
67) 4-Bromophenyl-phenylether	10.651	248	22153	4.119	ng	# 1
75) Fluoranthene	12.557	202	66899	2.854	ng	97
88) Benzo(b)fluoranthene	15.009	252	67837	3.062	ng	# 89
89) Benzo(k)fluoranthene	15.009	252	67837	2.983	ng	# 88

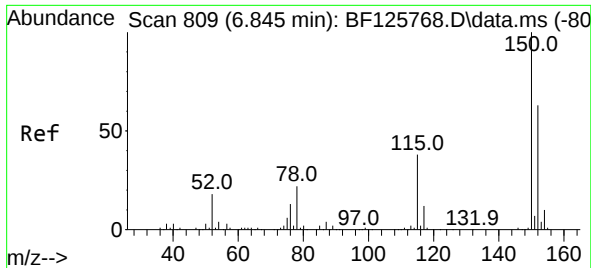
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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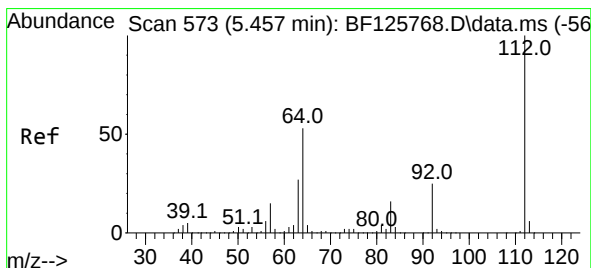
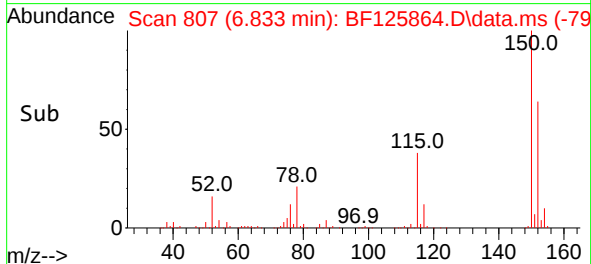
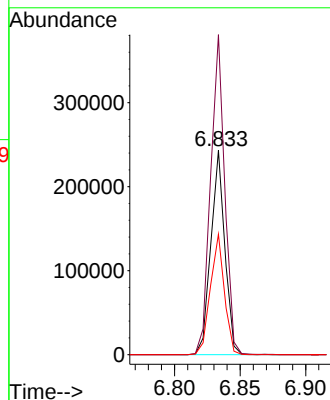
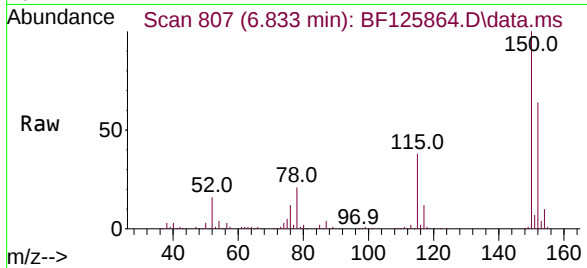




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.001 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

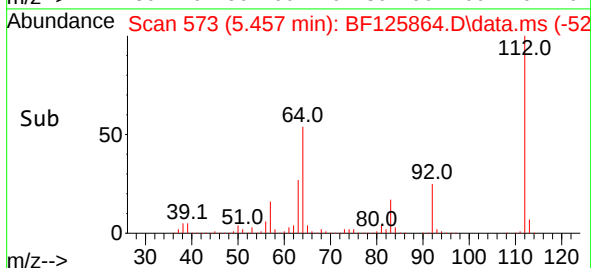
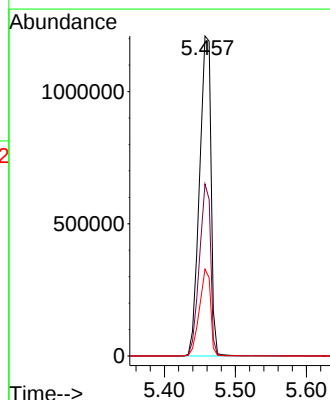
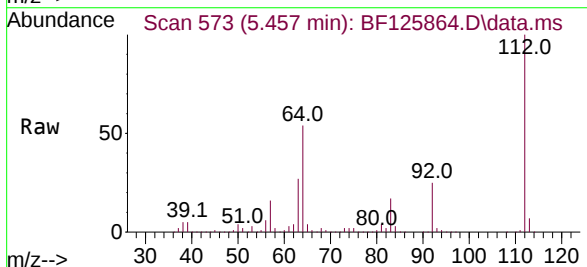
Instrument :
BNA_F
ClientSampleId :
OR-03-101421

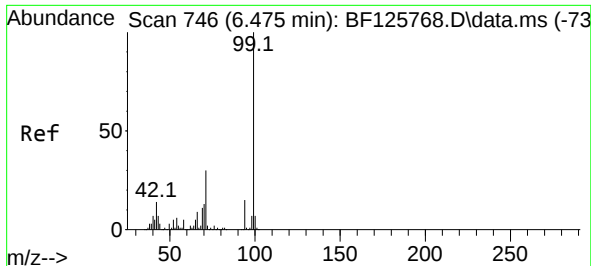
Tgt Ion:152 Resp: 180804
Ion Ratio Lower Upper
152 100
150 156.7 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 124.023 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion:112 Resp: 1372644
Ion Ratio Lower Upper
112 100
64 53.7 44.2 66.2
63 27.2 26.2 39.2

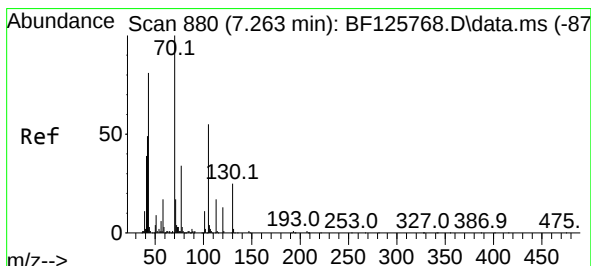
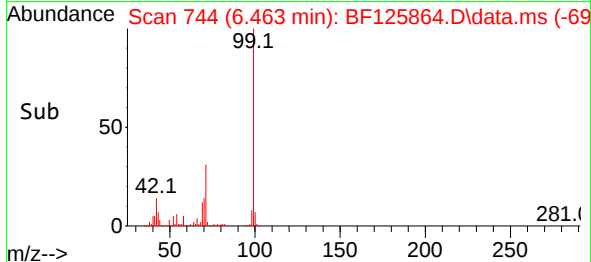
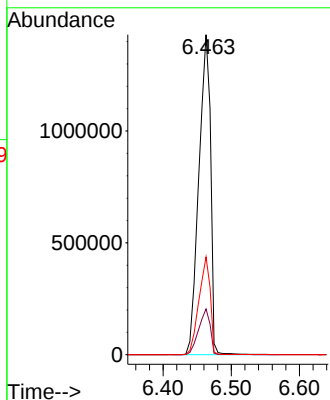
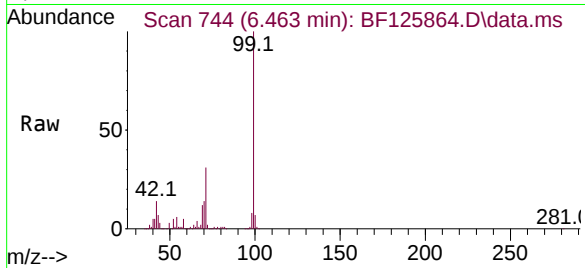




#7
Phenol-d6
Concen: 120.137 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

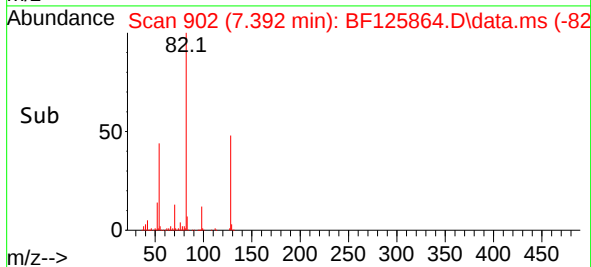
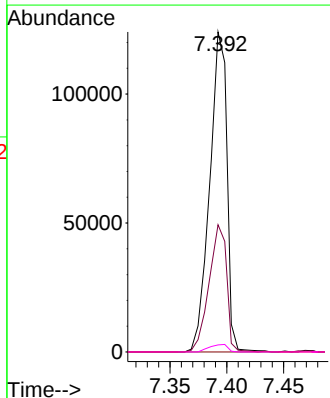
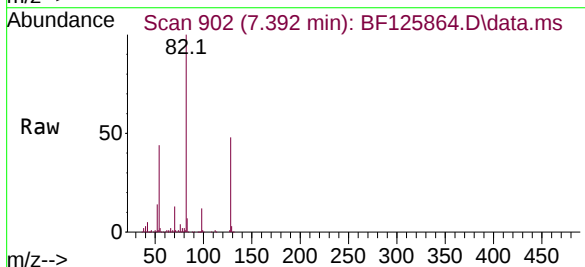
Instrument :
BNA_F
ClientSampleId :
OR-03-101421

Tgt Ion: 99 Resp: 1711687
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.443 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion: 70 Resp: 131191
Ion Ratio Lower Upper
70 100
42 39.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

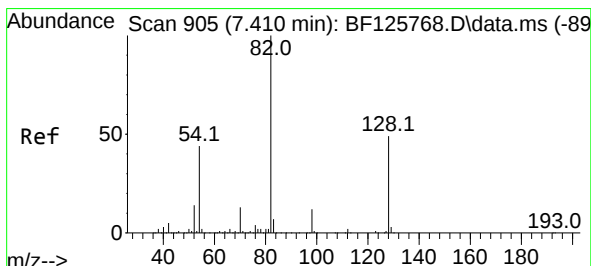
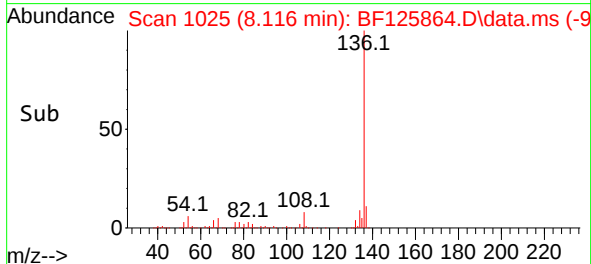
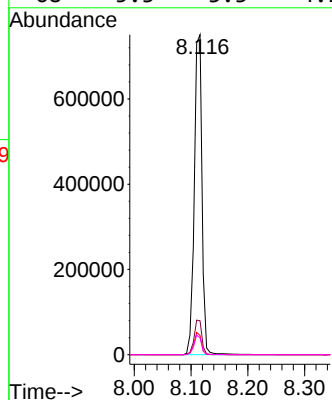
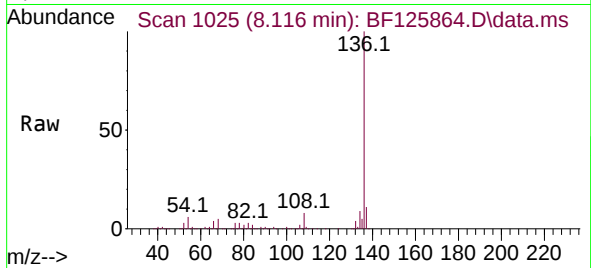




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

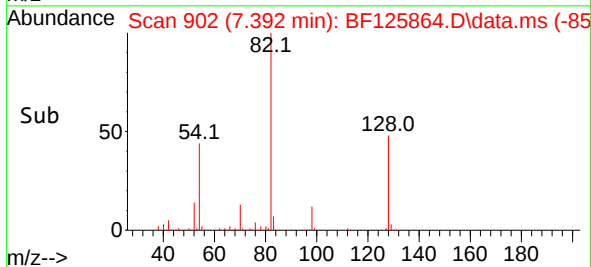
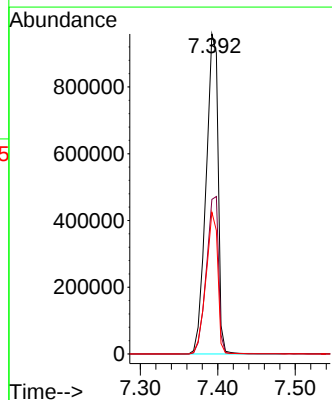
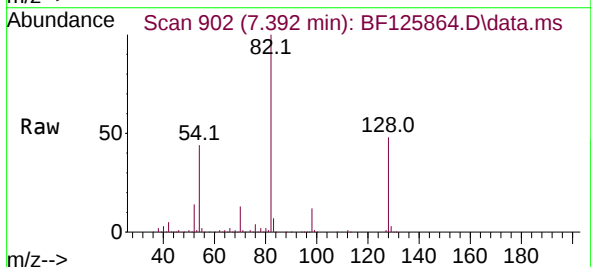
Instrument :
BNA_F
ClientSampleId :
OR-03-101421

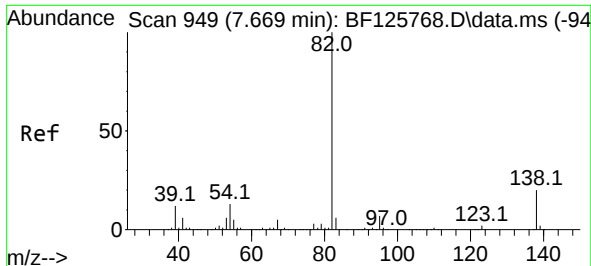
Tgt Ion:	136	Resp:	711274
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.0	6.4	9.6#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 90.944 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion:	82	Resp:	1040634
Ion	Ratio	Lower	Upper
82	100		
128	48.3	40.6	60.8
54	44.3	49.6	74.4#

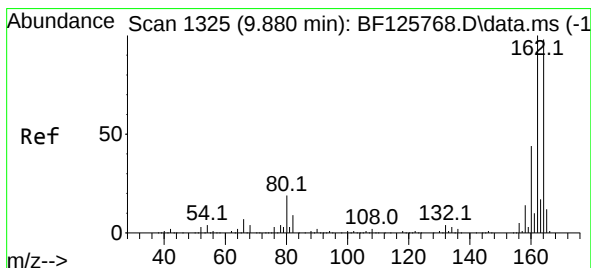
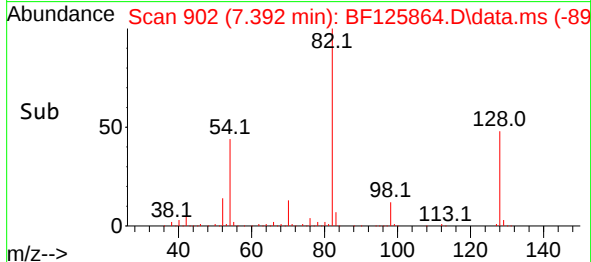
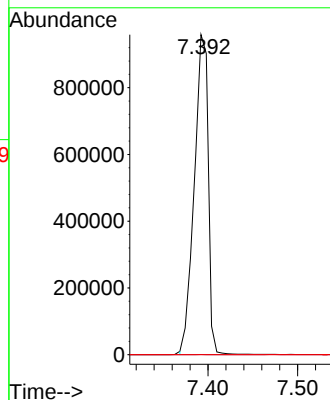
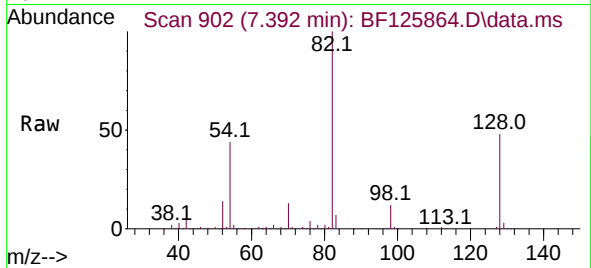




#25
Isophorone
Concen: 50.961 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

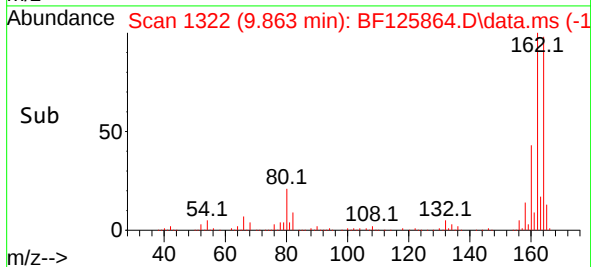
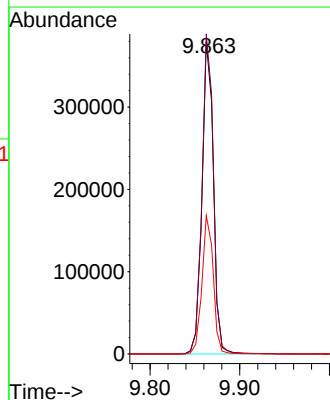
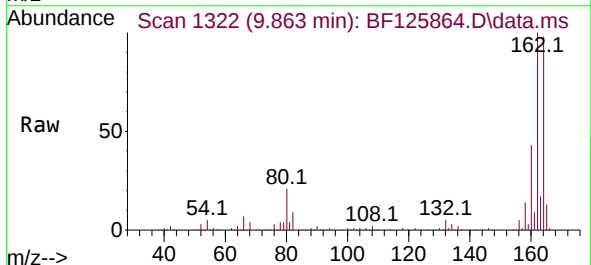
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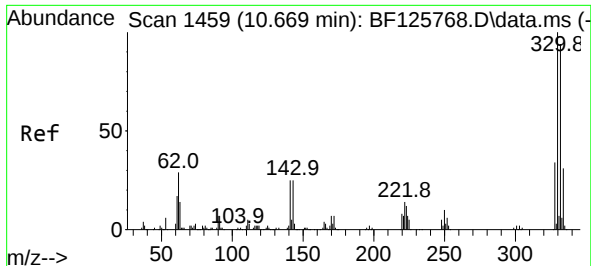
Tgt Ion: 82 Resp: 1033089
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion: 164 Resp: 334118
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.4 38.0 57.0

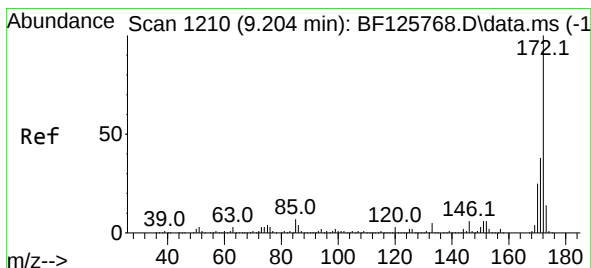
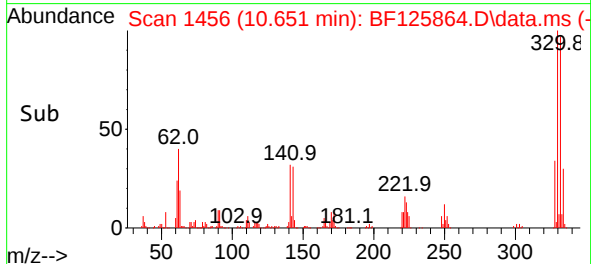
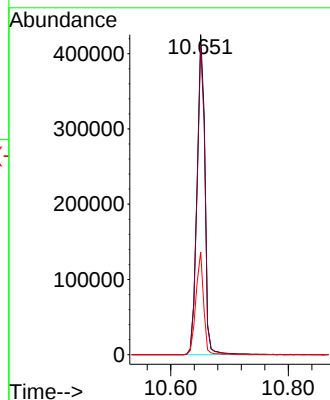
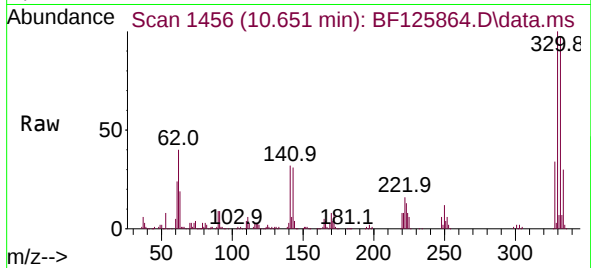




#42
2,4,6-Tribromophenol
Concen: 119.350 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

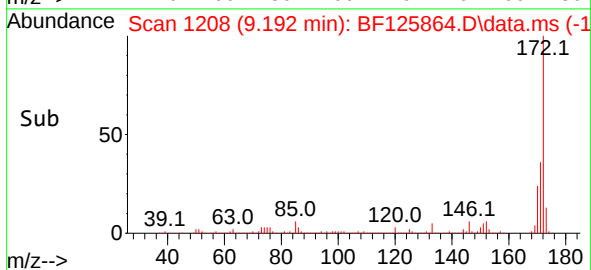
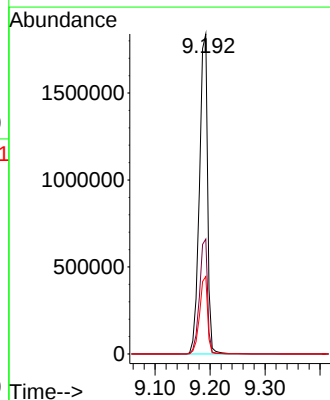
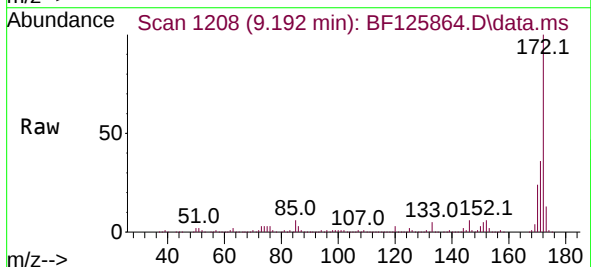
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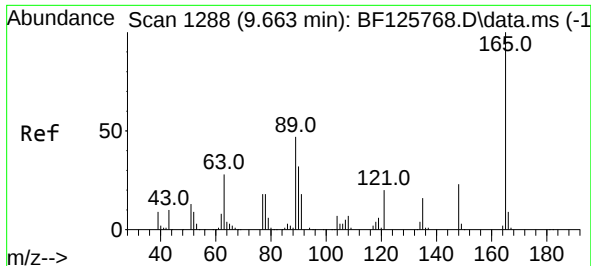
Tgt Ion: 330 Resp: 393708
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 31.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 98.477 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion: 172 Resp: 1907610
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2

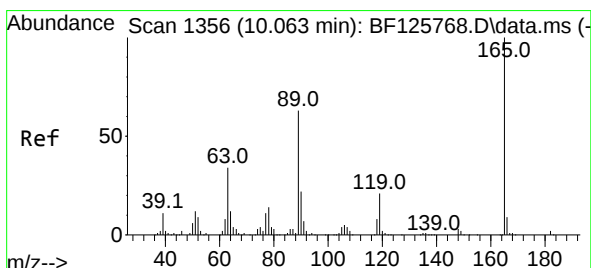
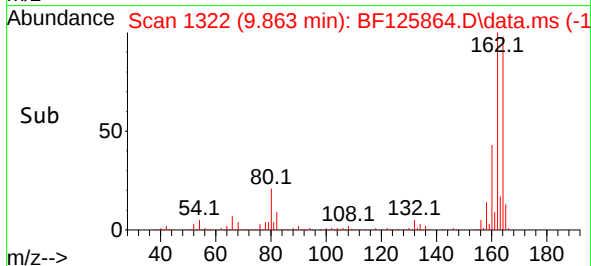
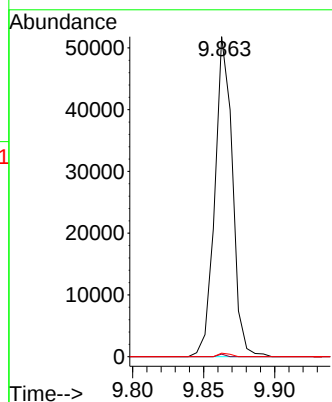
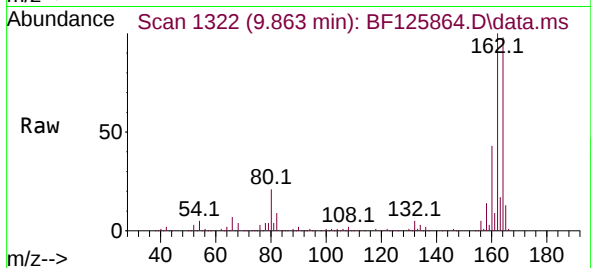




#51
2,6-Dinitrotoluene
Concen: 10.034 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.212 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

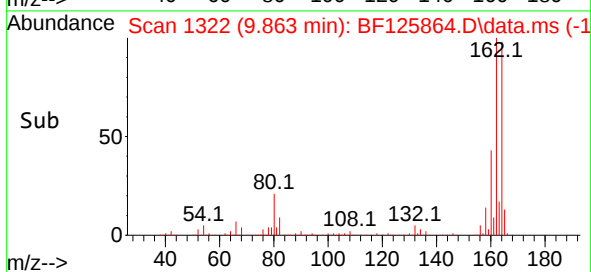
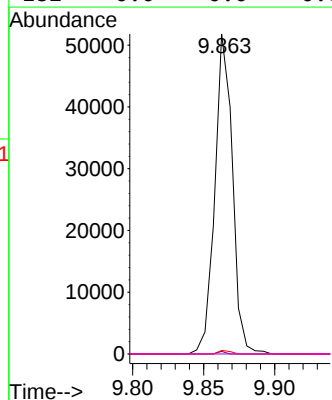
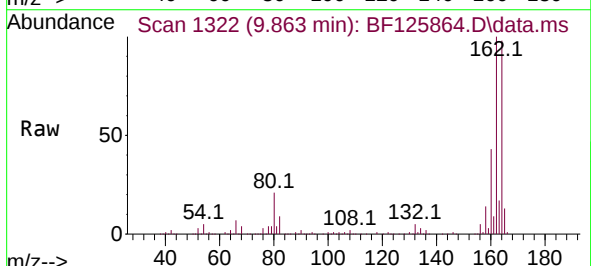
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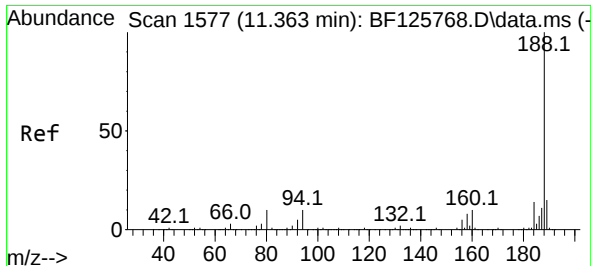
Tgt Ion:165 Resp: 44608
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.936 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion:165 Resp: 44608
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

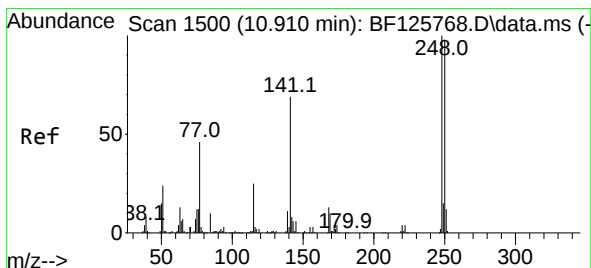
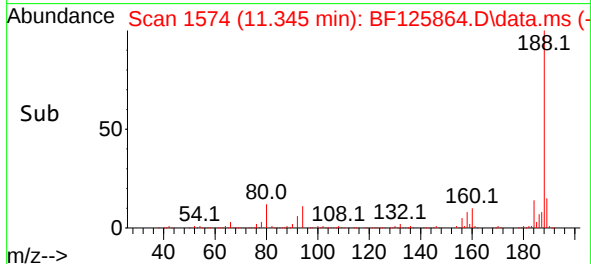
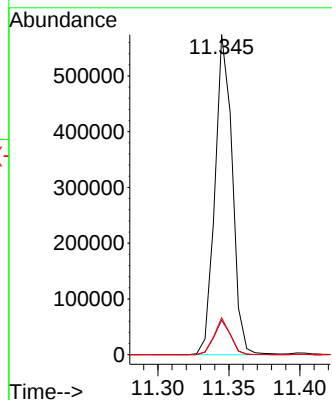
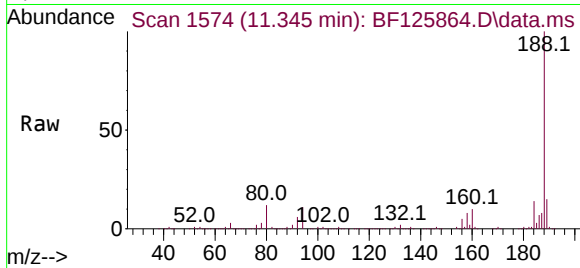




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

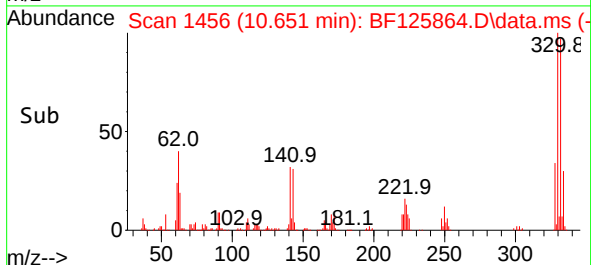
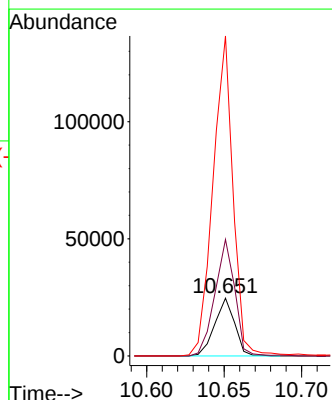
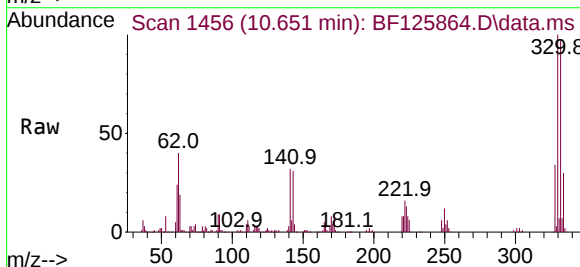
Instrument :
BNA_F
ClientSampleId :
OR-03-101421

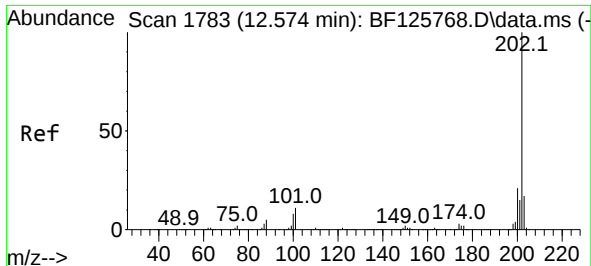
Tgt Ion:188 Resp: 485605
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.5 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.119 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion:248 Resp: 22153
Ion Ratio Lower Upper
248 100
250 201.3 74.2 111.4#
141 553.2 60.4 90.6#

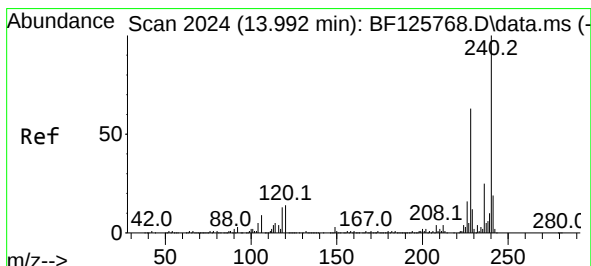
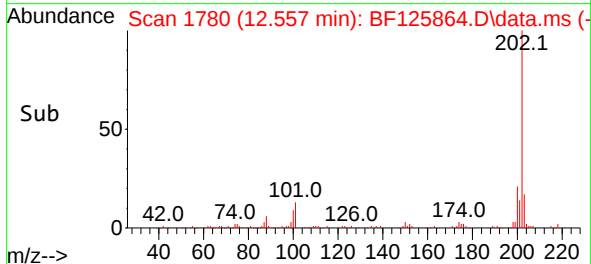
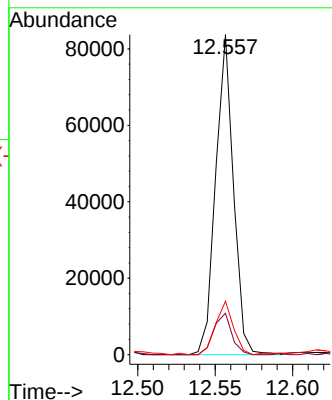
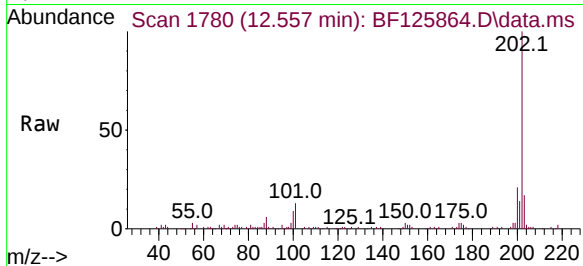




#75
Fluoranthene
Concen: 2.854 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

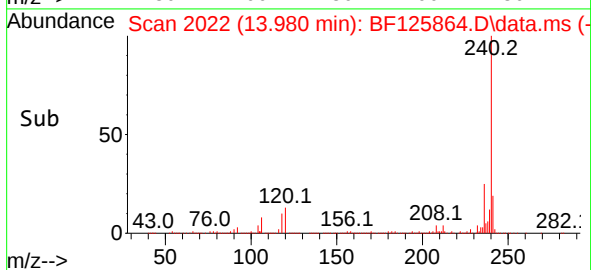
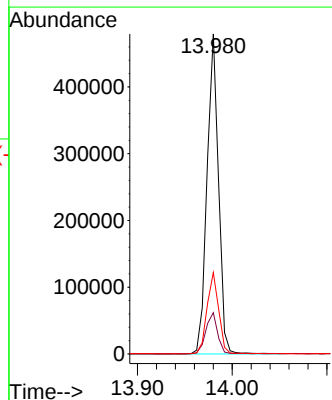
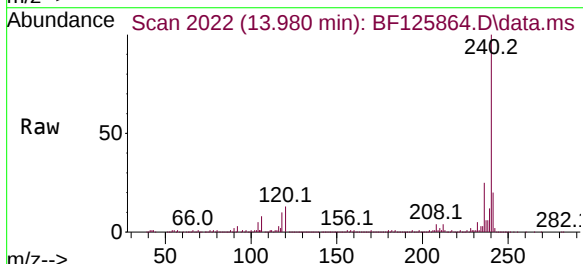
Instrument :
BNA_F
ClientSampleId :
OR-03-101421

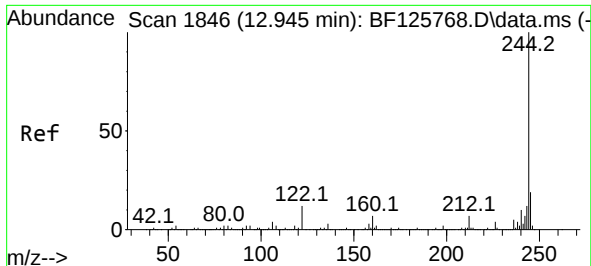
Tgt Ion:202 Resp: 66899
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.7
203 16.7 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

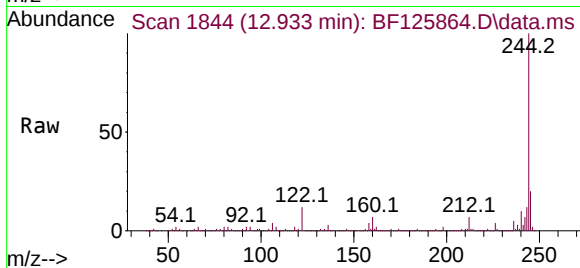
Tgt Ion:240 Resp: 403504
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 25.5 21.6 32.4



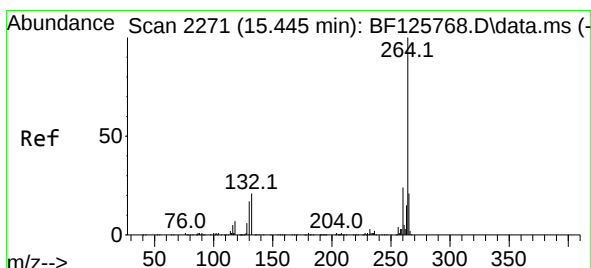
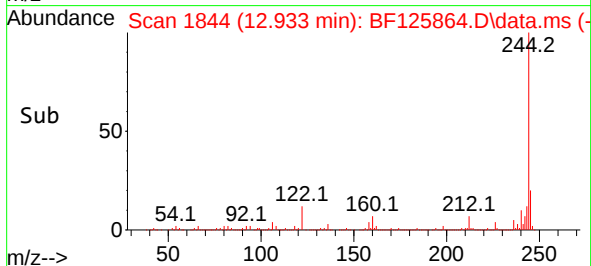
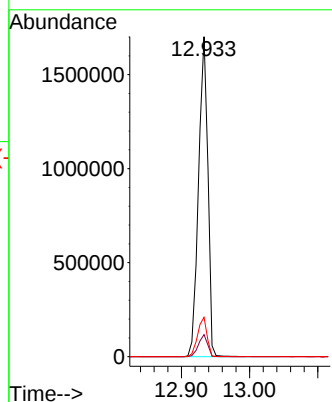


#79
Terphenyl-d14
Concen: 60.881 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Instrument :
BNA_F
ClientSampleId :
OR-03-101421

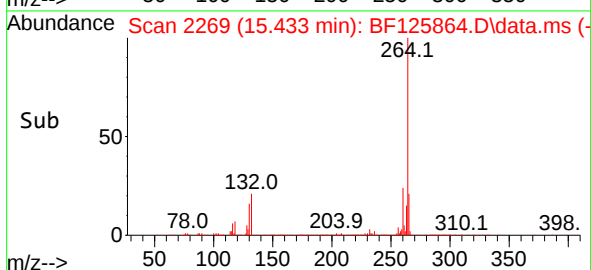
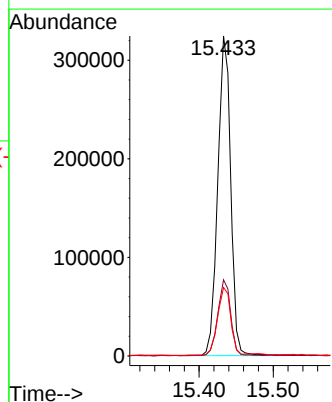
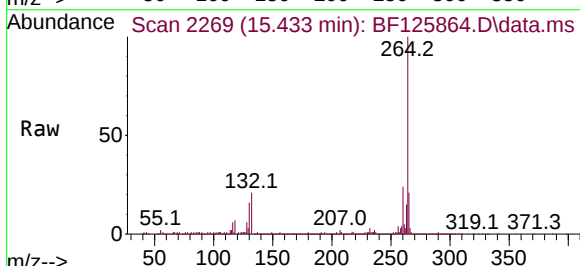


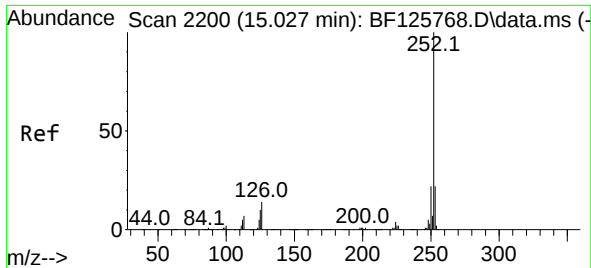
Tgt Ion:244 Resp: 1612709
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion:264 Resp: 392388
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.4 17.2 25.8

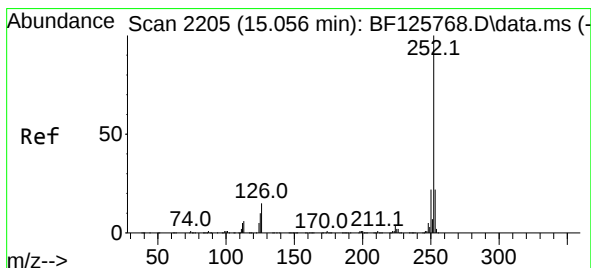
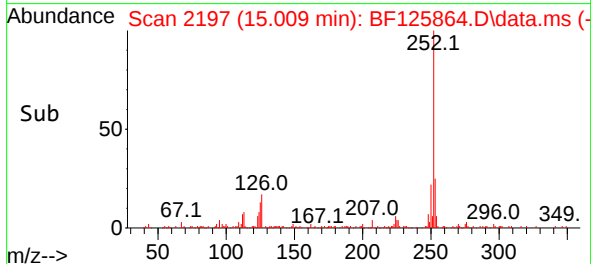
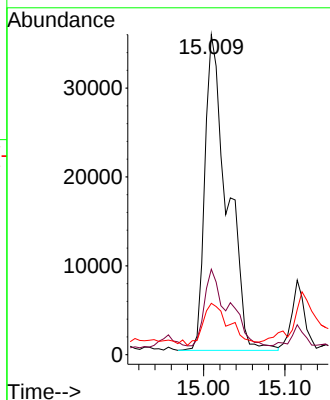
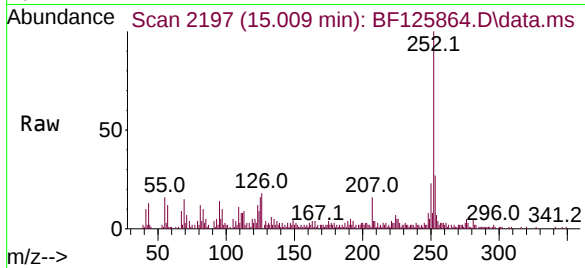




#88
Benzo(b)fluoranthene
Concen: 3.062 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Instrument :
BNA_F
ClientSampleId :
OR-03-101421

Tgt Ion:252 Resp: 67837
Ion Ratio Lower Upper
252 100
253 26.7 16.8 25.2#
125 16.1 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.983 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.036 min
Lab File: BF125864.D
Acq: 15 Oct 2021 15:54

Tgt Ion:252 Resp: 67837
Ion Ratio Lower Upper
252 100
253 26.7 17.8 26.8
125 16.1 7.2 10.8#

