

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125455.D
 Acq On : 13 Sep 2021 21:20
 Operator : JU/CG
 Sample : M3684-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F003130

Quant Time: Sep 14 03:30:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

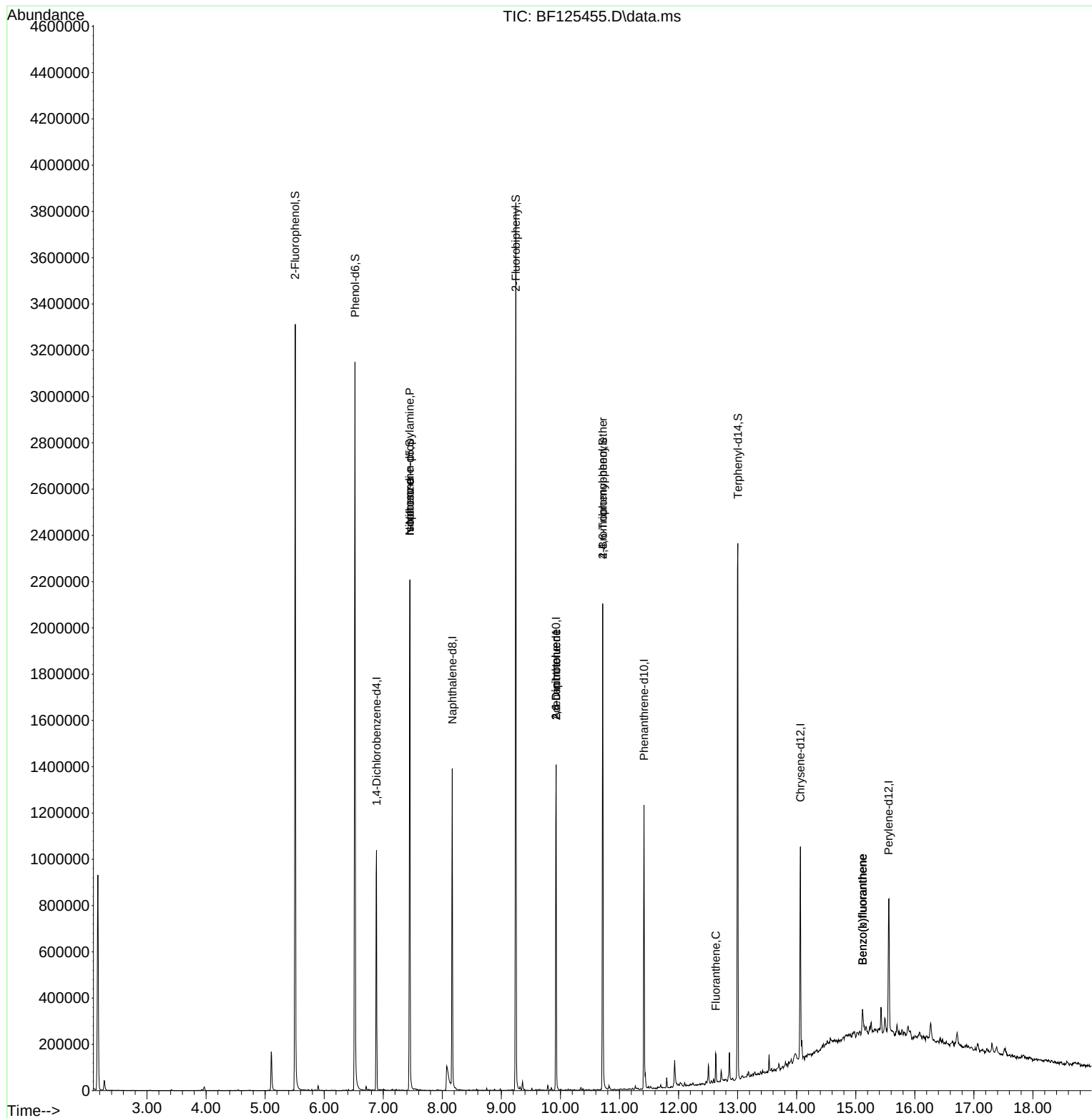
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	149907	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	559781	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	282885	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	425693	20.000	ng	0.00
76) Chrysene-d12	14.062	240	306186	20.000	ng	#-0.01
86) Perylene-d12	15.556	264	284777	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	814951	82.285	ng	0.00
7) Phenol-d6	6.522	99	1039307	81.139	ng	-0.01
23) Nitrobenzene-d5	7.451	82	677991	60.975	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	258894	91.682	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1113189	54.845	ng	0.00
79) Terphenyl-d14	13.004	244	860739	44.784	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	90302	11.721	ng	# 56
25) Isophorone	7.451	82	677983	31.607	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	36990	8.702	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	36990	7.190	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	16197	3.169	ng	# 1
75) Fluoranthene	12.633	202	53698	2.307	ng	98
88) Benzo(b)fluoranthene	15.115	252	59407	2.855	ng	# 95
89) Benzo(k)fluoranthene	15.115	252	59407	3.060	ng	# 94

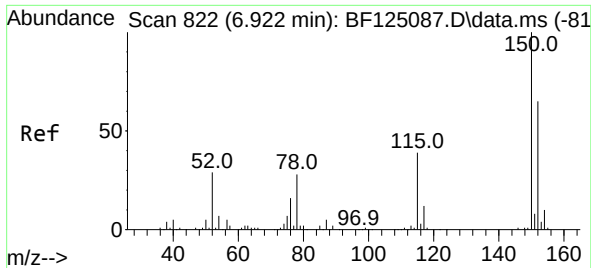
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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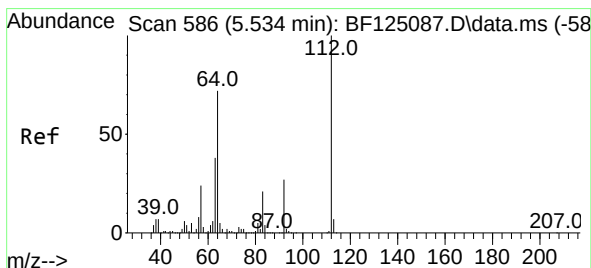
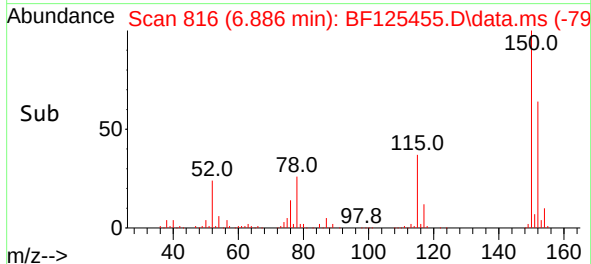
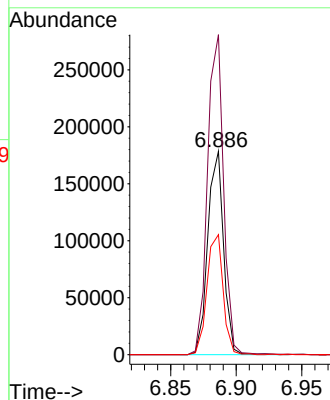
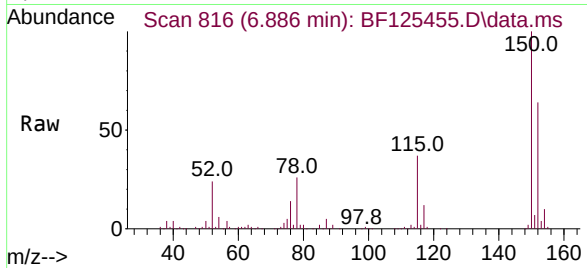




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

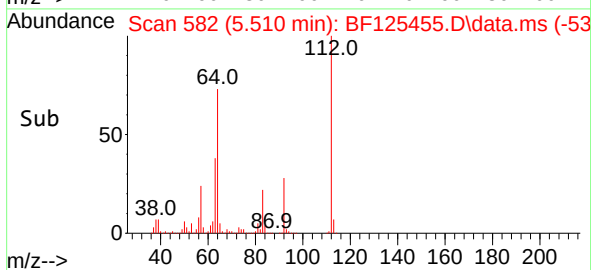
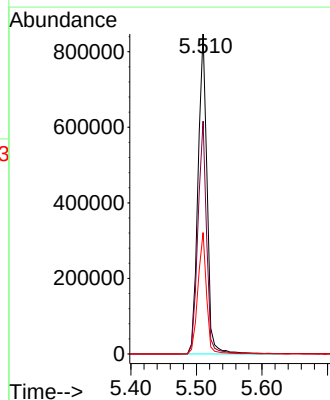
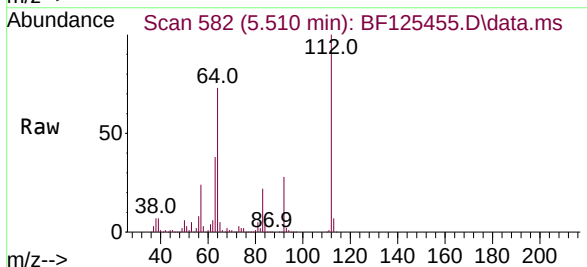
Instrument :
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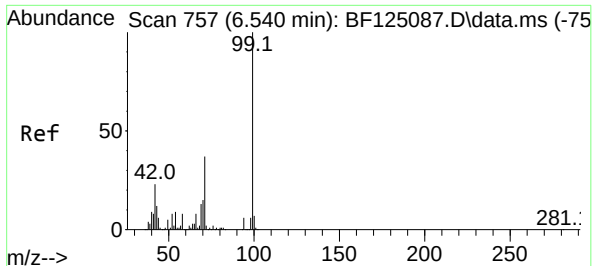
Tgt Ion:152 Resp: 149907
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 82.285 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion:112 Resp: 814951
Ion Ratio Lower Upper
112 100
64 72.7 44.2 66.2#
63 37.9 26.2 39.2

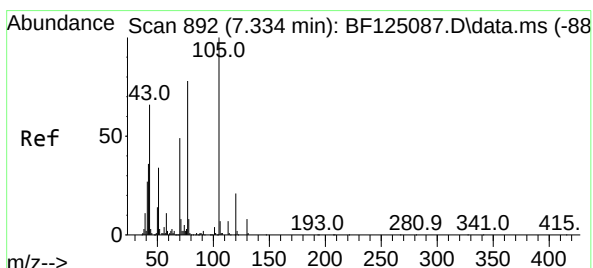
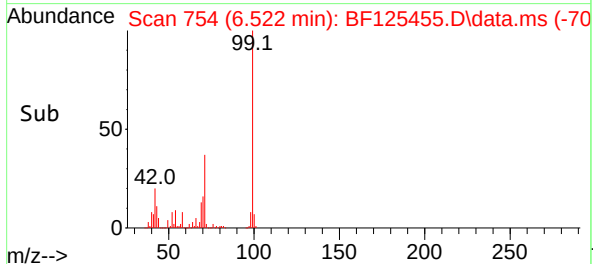
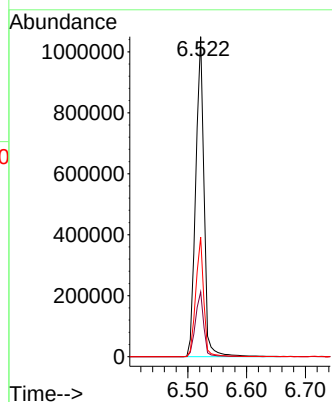
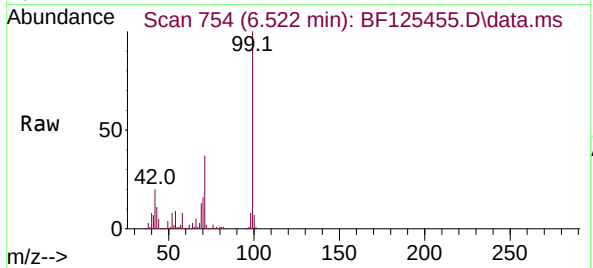




#7
Phenol-d6
Concen: 81.139 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

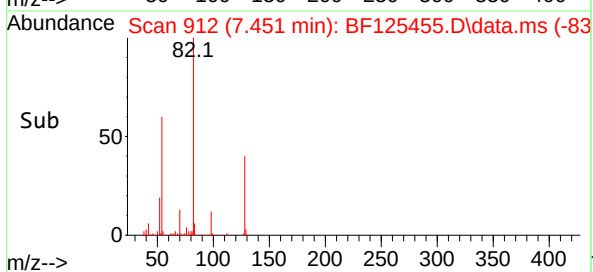
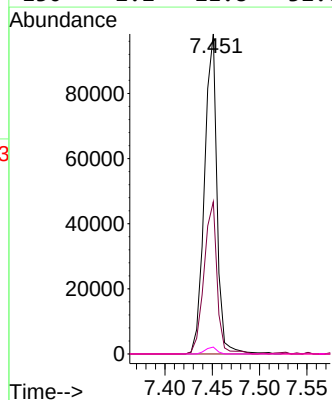
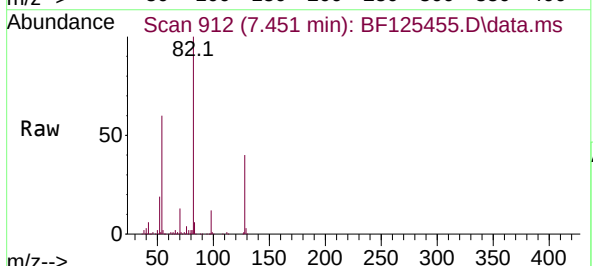
Instrument :
BNA_F
ClientSampleId :
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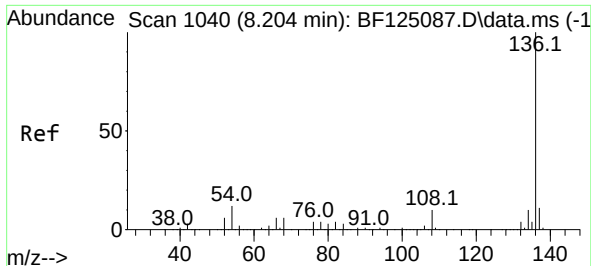
Tgt Ion: 99 Resp: 1039307
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 37.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.721 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion: 70 Resp: 90302
Ion Ratio Lower Upper
70 100
42 47.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

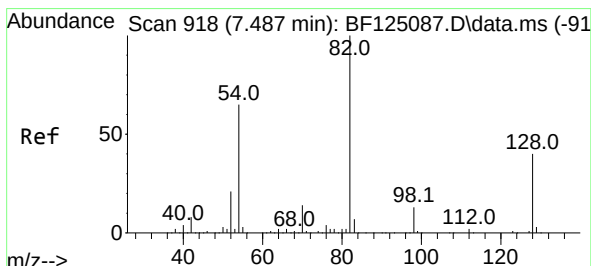
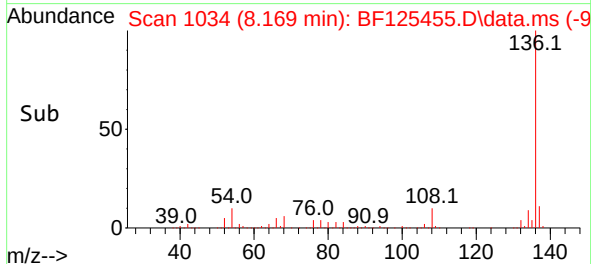
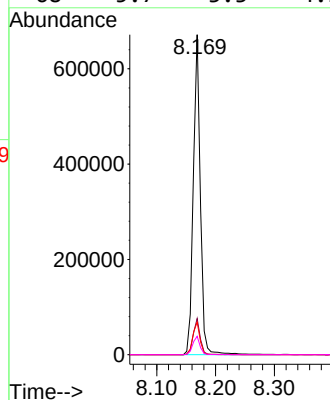
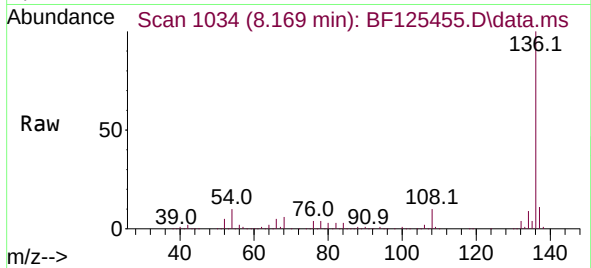




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

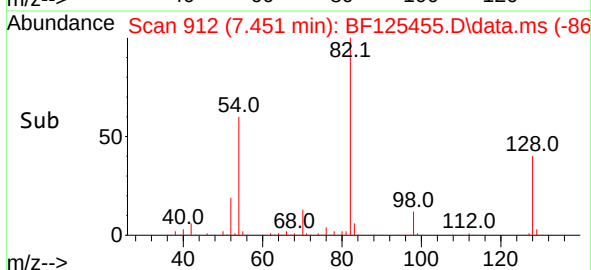
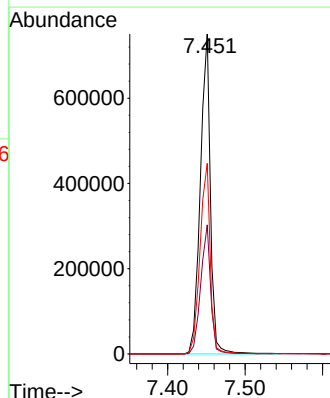
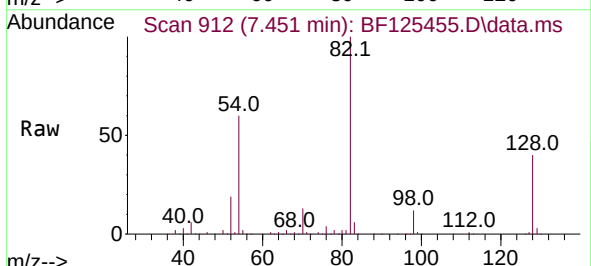
Instrument :
BNA_F
ClientSampleId :
F003130

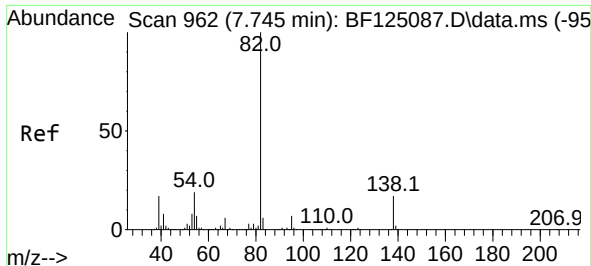
Tgt Ion:136	Resp: 559781
Ion Ratio	Lower Upper
136 100	
137 11.3	9.8 14.6
54 10.1	6.4 9.6#
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 60.975 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion: 82	Resp: 677991
Ion Ratio	Lower Upper
82 100	
128 40.3	40.6 60.8#
54 59.6	49.6 74.4

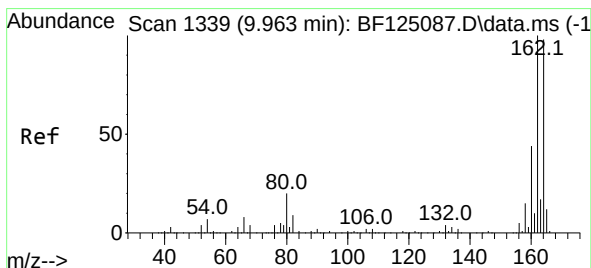
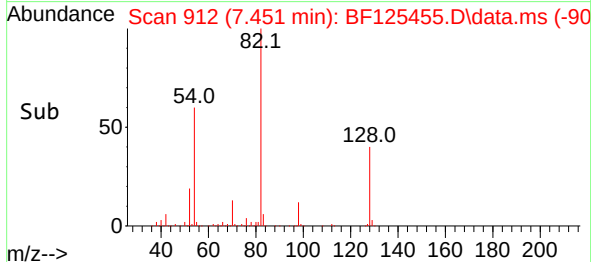
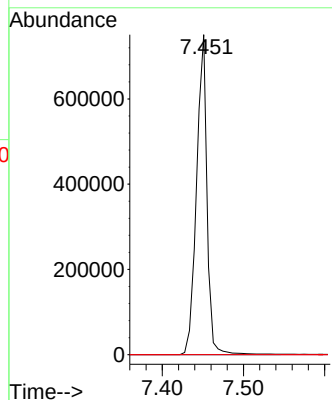
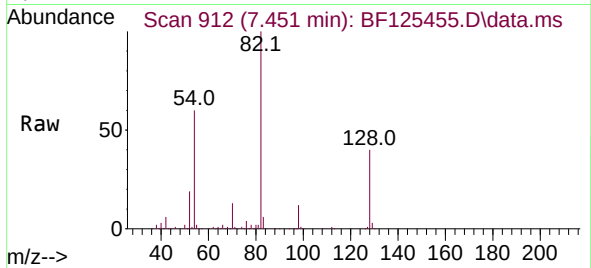




#25
Isophorone
Concen: 31.607 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

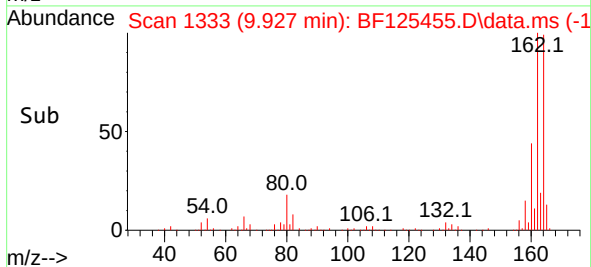
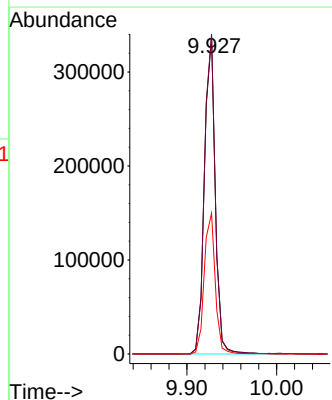
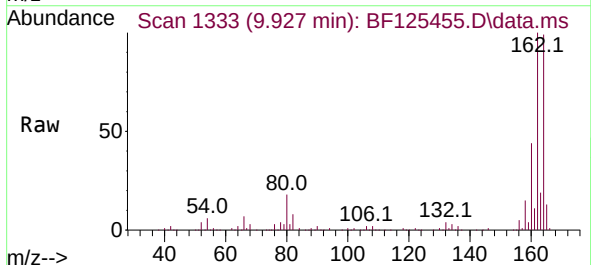
Instrument :
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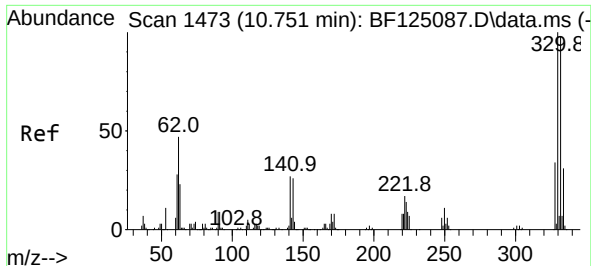
Tgt Ion: 82 Resp: 677983
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion: 164 Resp: 282885
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.3 38.0 57.0

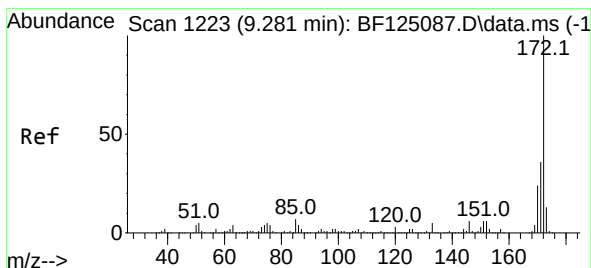
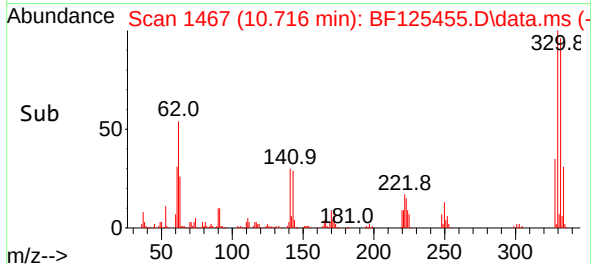
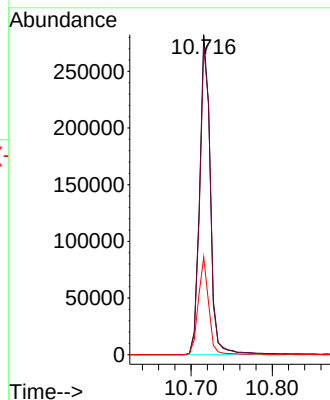
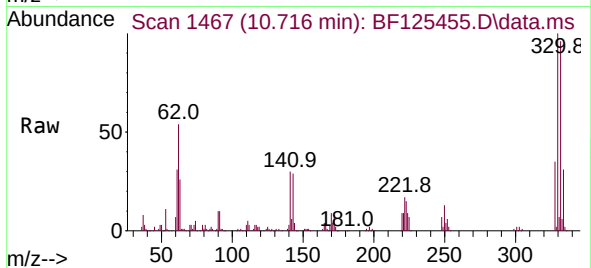




#42
2,4,6-Tribromophenol
Concen: 91.682 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

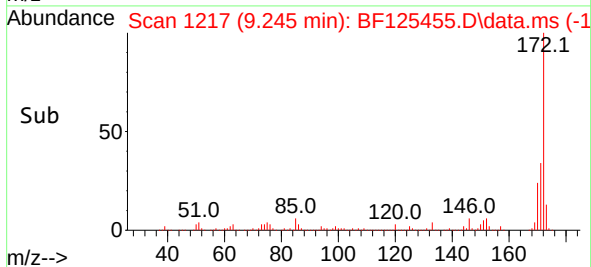
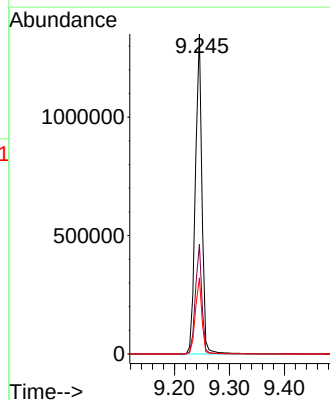
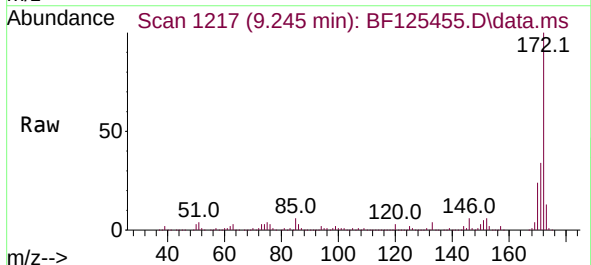
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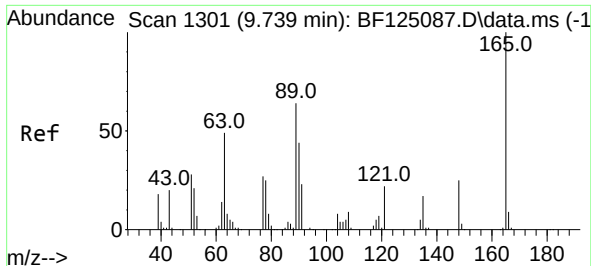
Tgt Ion:330 Resp: 258894
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 29.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.845 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion:172 Resp: 1113189
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.8 18.8 28.2

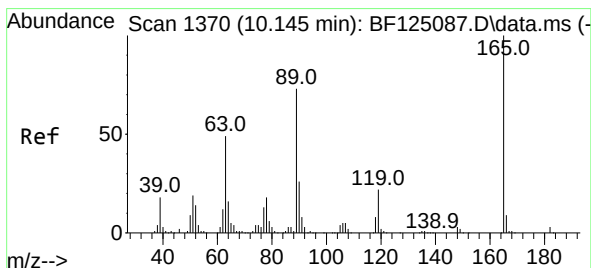
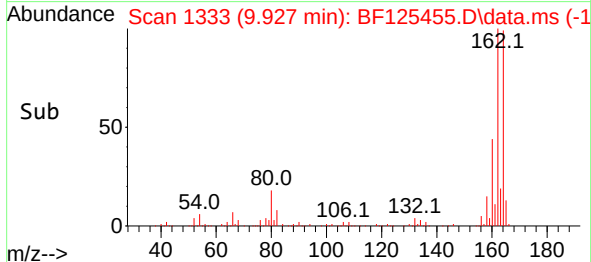
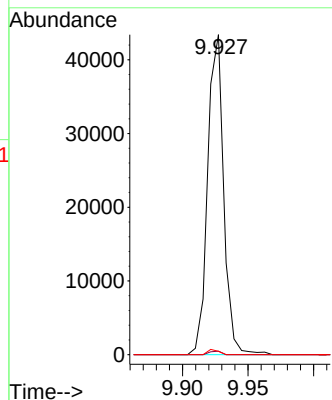
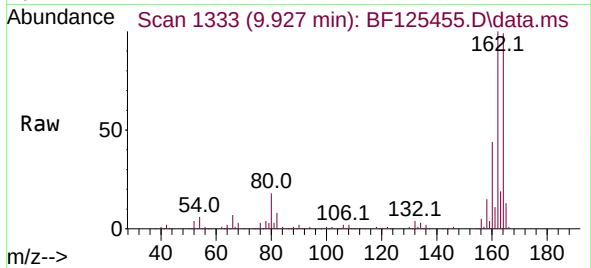




#51
2,6-Dinitrotoluene
Concen: 8.702 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

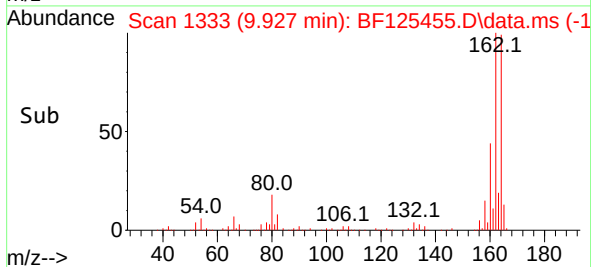
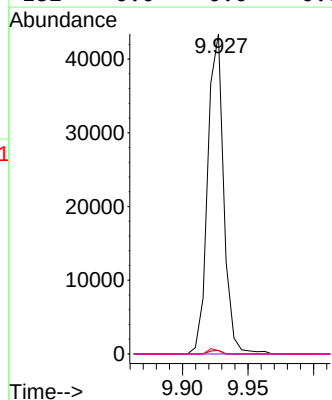
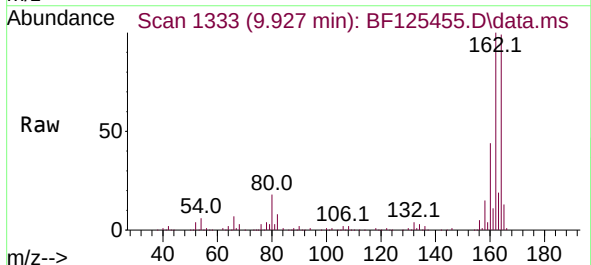
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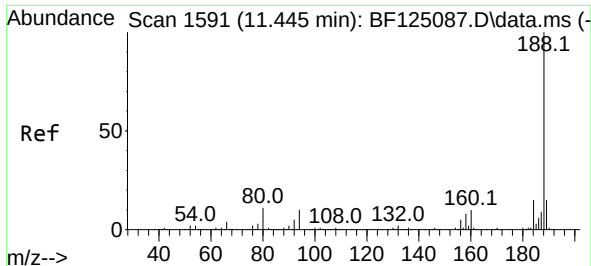
Tgt Ion:165 Resp: 36990
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.190 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion:165 Resp: 36990
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

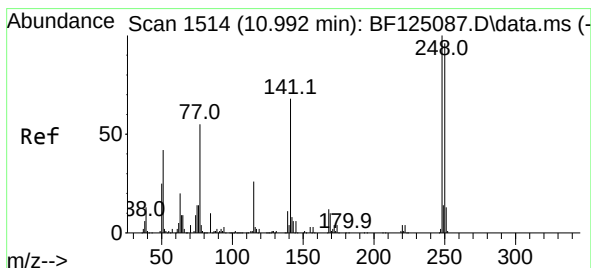
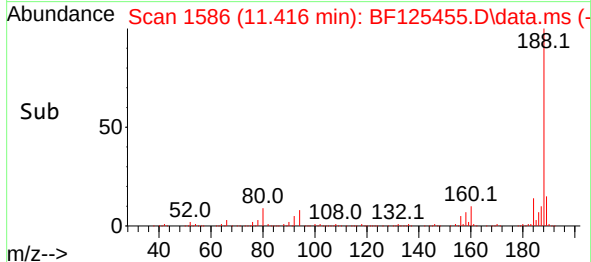
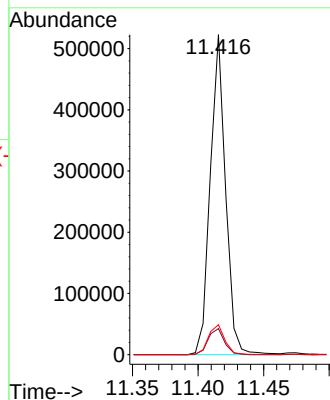
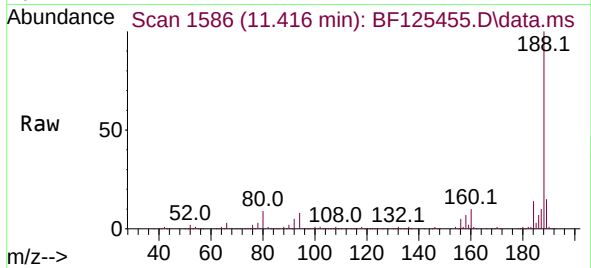




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

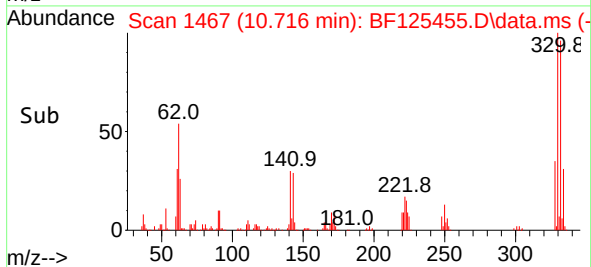
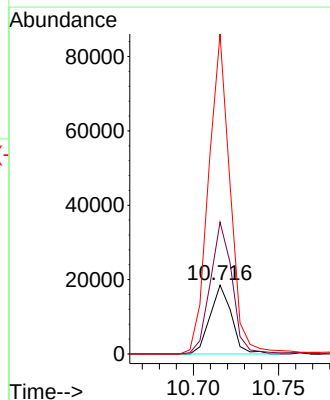
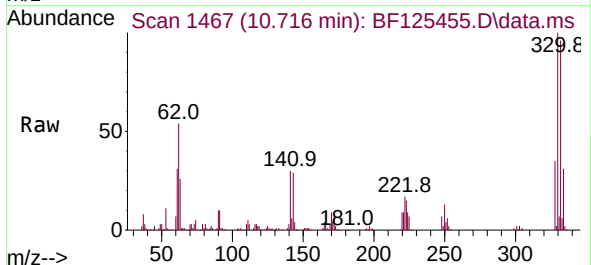
Instrument :
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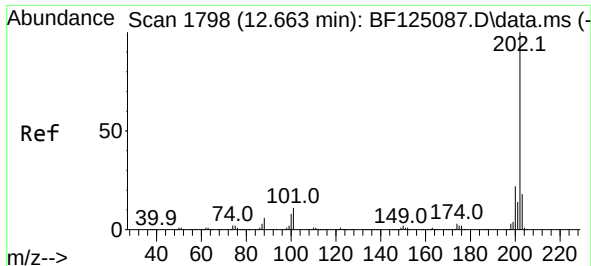
Tgt Ion:188 Resp: 425693
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion:248 Resp: 16197
Ion Ratio Lower Upper
248 100
250 191.5 74.2 111.4#
141 464.7 60.4 90.6#

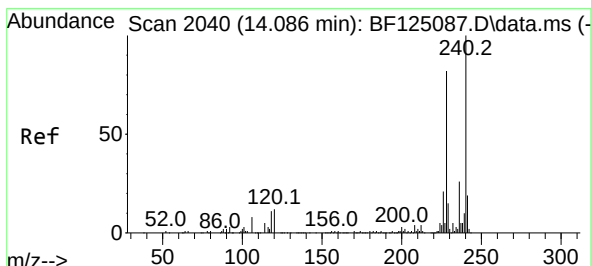
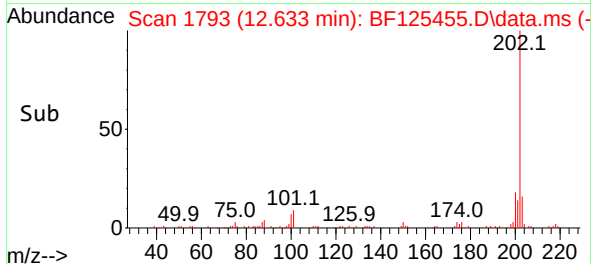
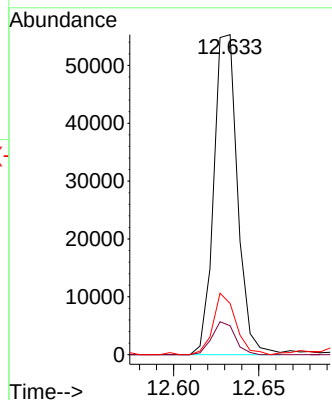
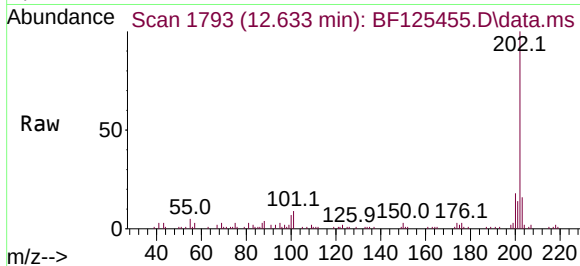




#75
Fluoranthene
Concen: 2.307 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

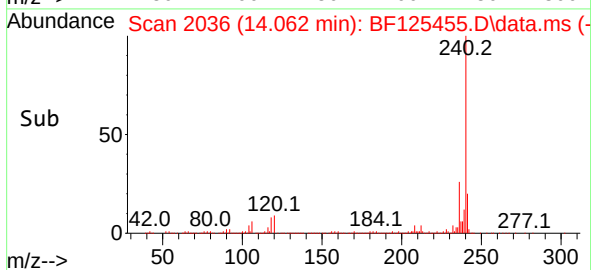
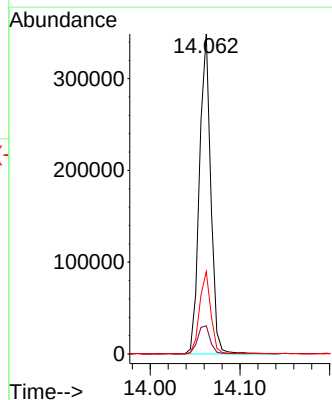
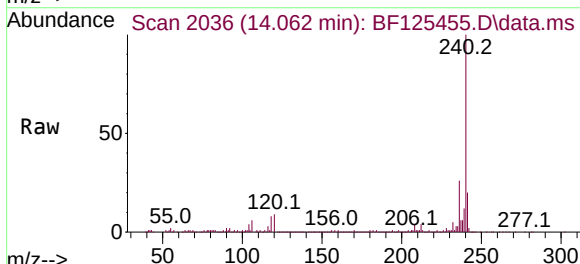
Instrument :
BNA_F
ClientSampleId :
F003130

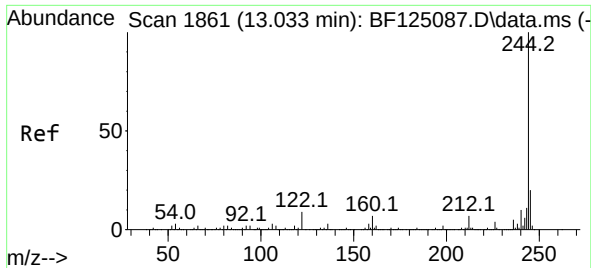
Tgt Ion:	202	Resp:	53698
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.7
203	16.0	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

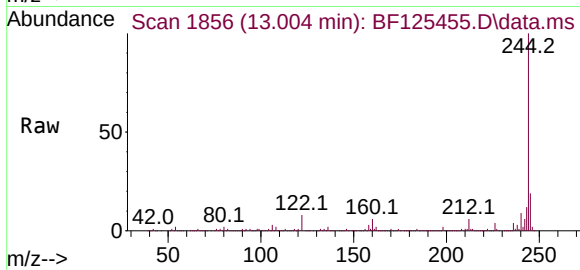
Tgt Ion:	240	Resp:	306186
Ion Ratio	Lower	Upper	
240	100		
120	8.8	10.8	16.2#
236	25.8	21.6	32.4



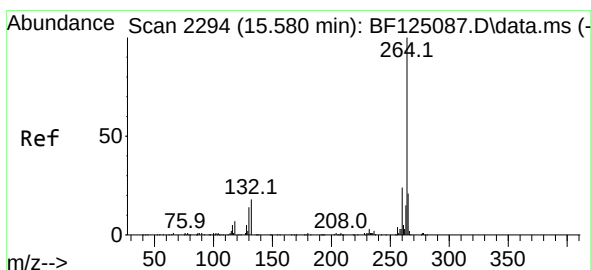
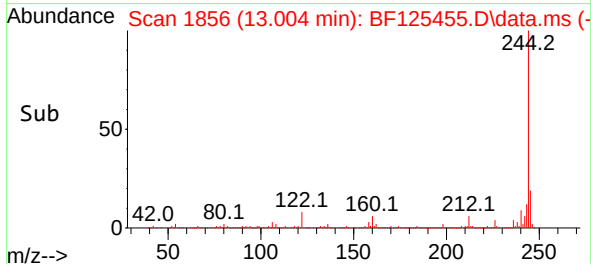
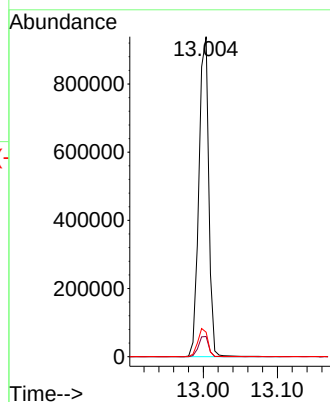


#79
Terphenyl-d14
Concen: 44.784 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Instrument :
BNA_F
ClientSampleId :
F003130

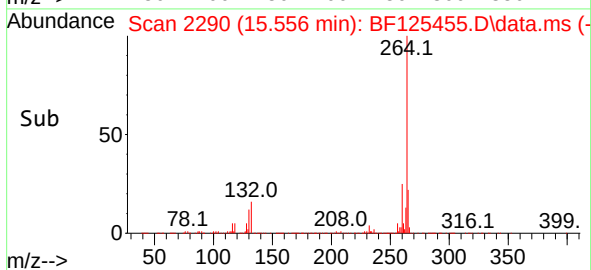
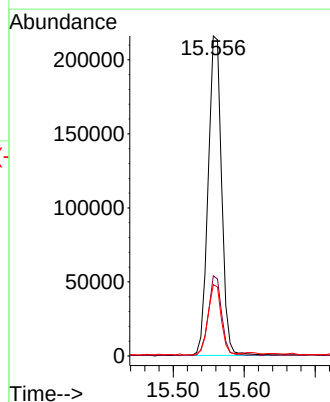
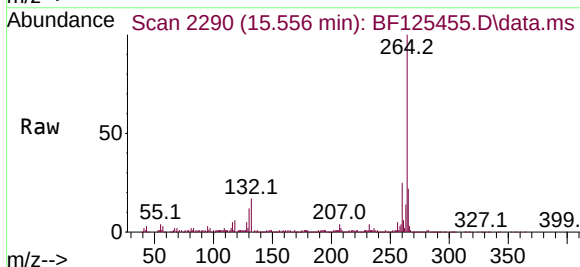


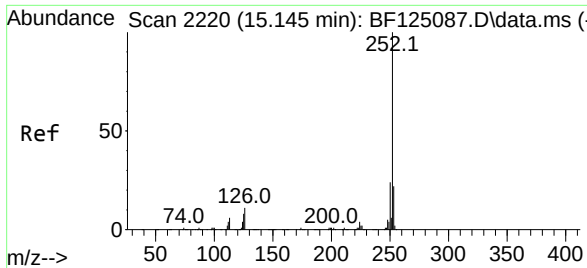
Tgt Ion:244 Resp: 860739
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 7.7 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion:264 Resp: 284777
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.3 17.2 25.8

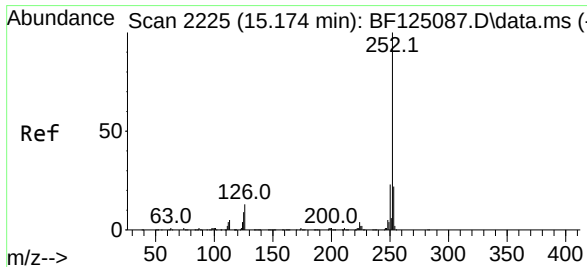
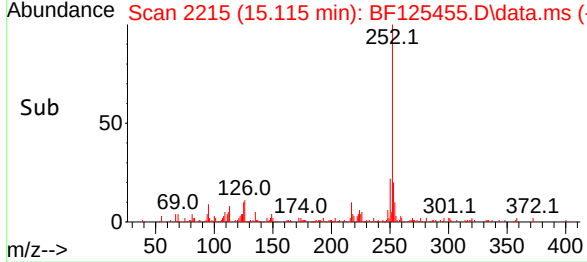
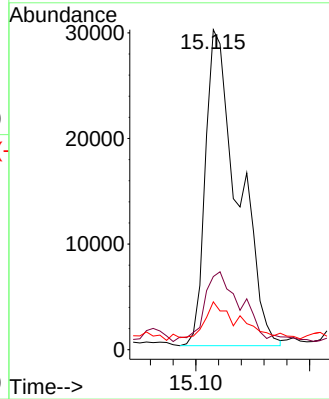
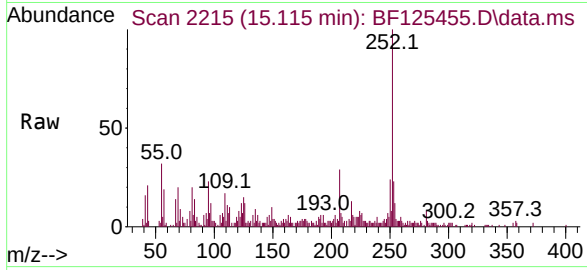




#88
Benzo(b)fluoranthene
Concen: 2.855 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.012 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Instrument :
BNA_F
ClientSampleId :
F003130

Tgt Ion:252	Resp:	59407
Ion Ratio	Lower	Upper
252	100	
253	22.8	16.8 25.2
125	15.0	9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.060 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.047 min
Lab File: BF125455.D
Acq: 13 Sep 2021 21:20

Tgt Ion:252	Resp:	59407
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.8 26.8
125	15.0	7.2 10.8#

