

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125433.D
 Acq On : 10 Sep 2021 20:10
 Operator : JU/CG
 Sample : M3684-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F005130

Quant Time: Sep 11 01:08:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

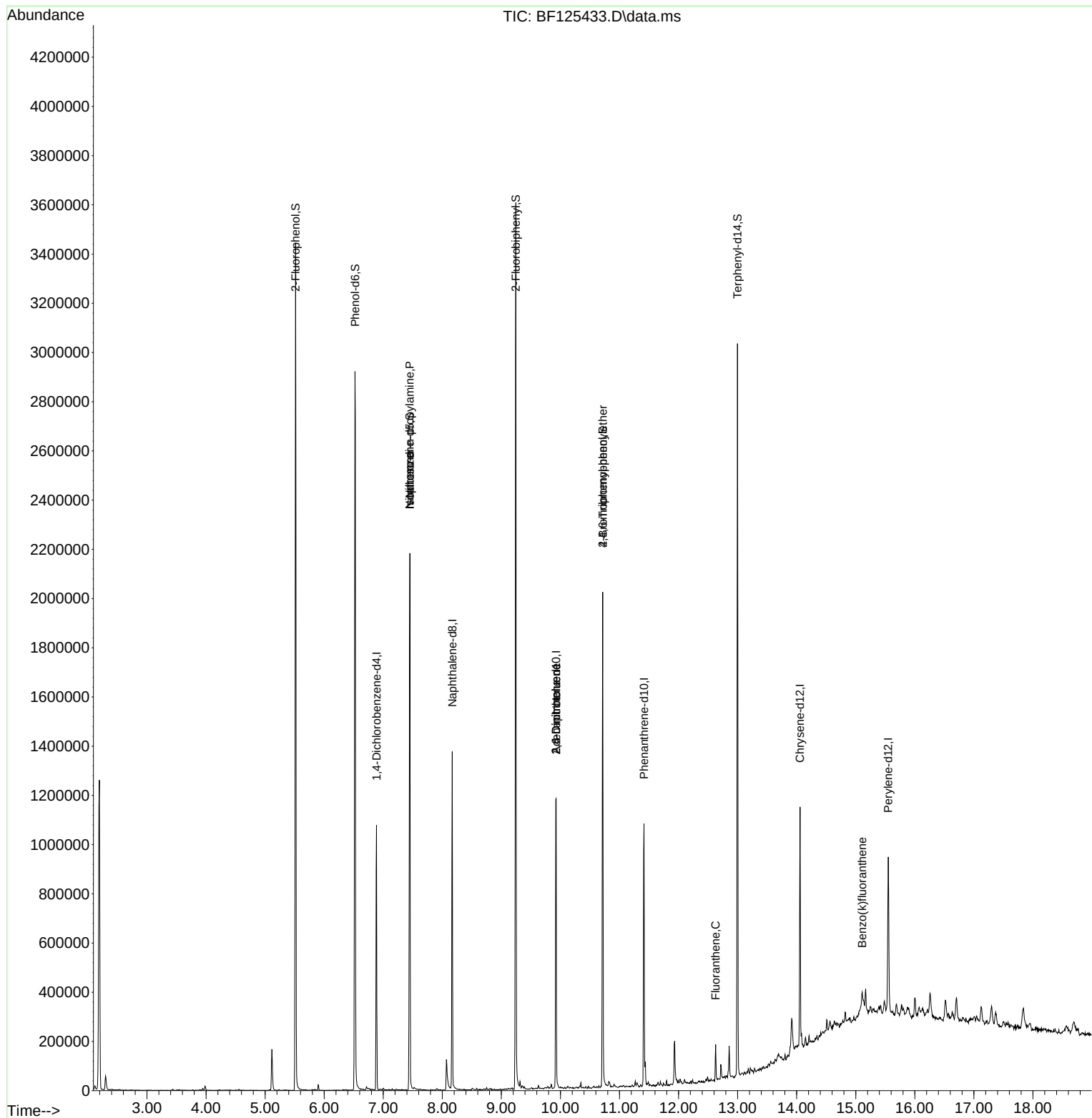
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	153118	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	553296	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	265374	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	420440	20.000	ng	0.00
76) Chrysene-d12	14.057	240	318584	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	270798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	858876	84.901	ng	0.00
7) Phenol-d6	6.522	99	1064992	81.400	ng	0.00
23) Nitrobenzene-d5	7.451	82	716353	65.180	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	251354	94.886	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1160502	60.949	ng	0.00
79) Terphenyl-d14	12.998	244	1006331	50.322	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	96887	12.312	ng	# 57
25) Isophorone	7.451	82	716344	33.787	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	34643	8.688	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	34643	7.178	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	15228	3.016	ng	# 1
75) Fluoranthene	12.627	202	54267	2.361	ng	99
89) Benzo(k)fluoranthene	15.109	252	37704	2.042	ng	# 80

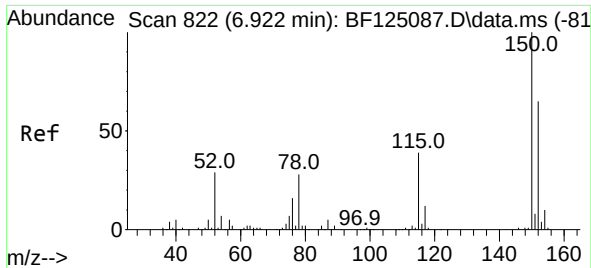
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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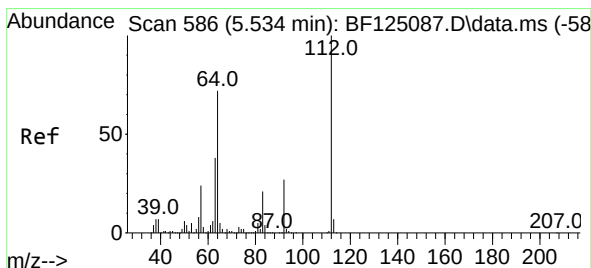
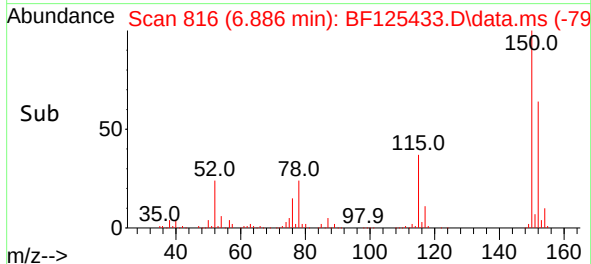
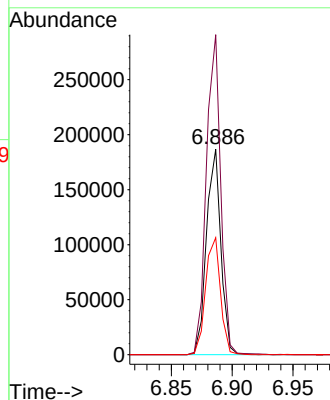
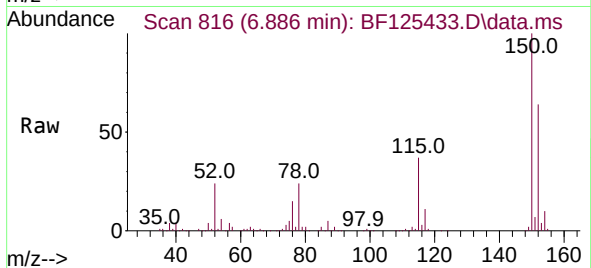




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

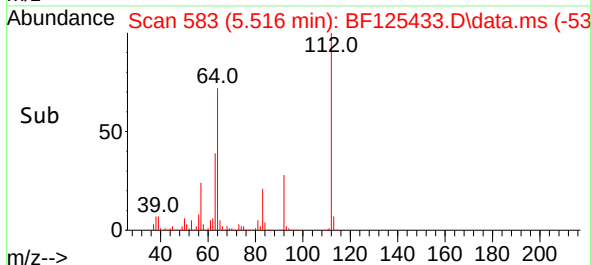
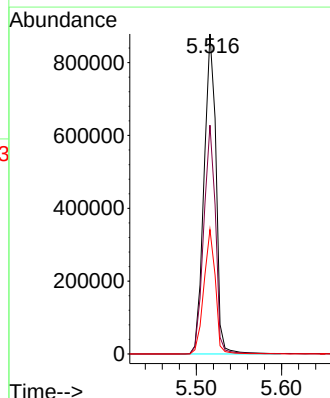
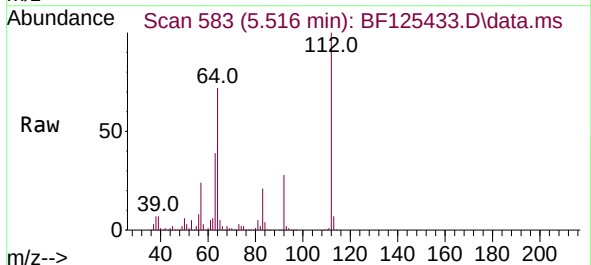
Instrument :
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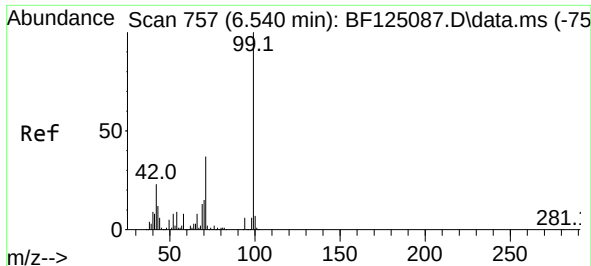
Tgt Ion:152 Resp: 153118
Ion Ratio Lower Upper
152 100
150 155.7 117.6 176.4
115 56.9 47.1 70.7



#5
2-Fluorophenol
Concen: 84.901 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion:112 Resp: 858876
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 38.9 26.2 39.2

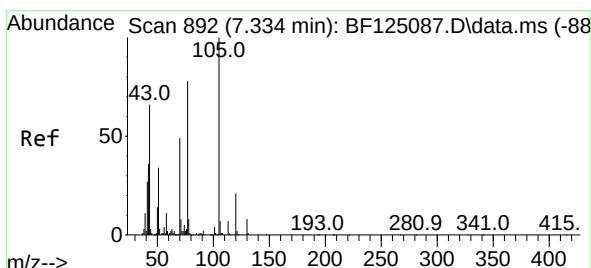
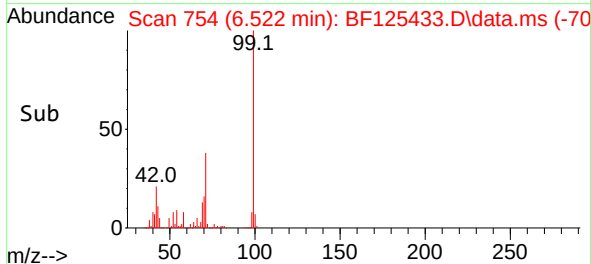
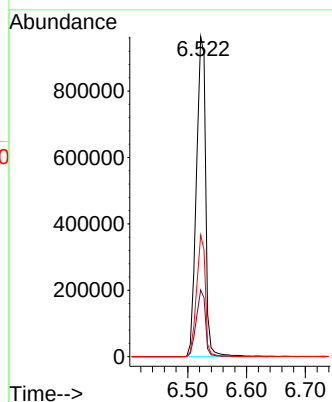
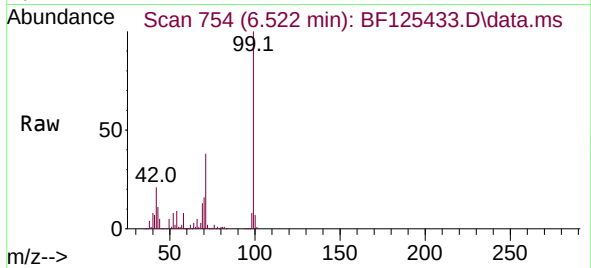




#7
Phenol-d6
Concen: 81.400 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

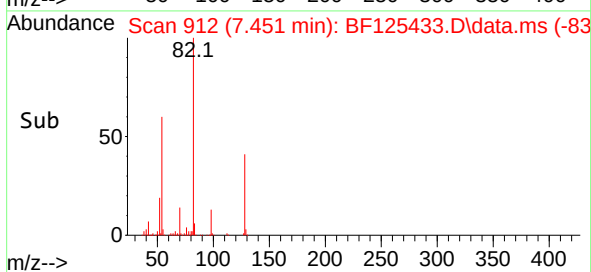
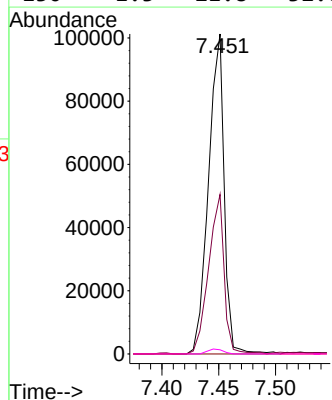
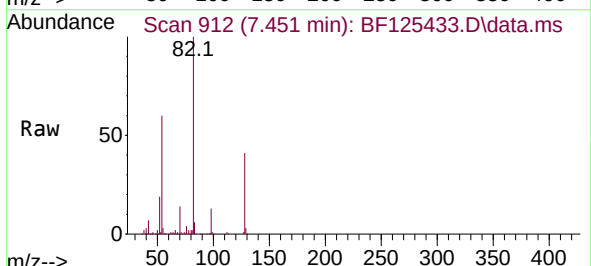
Instrument :
BNA_F
ClientSampleId :
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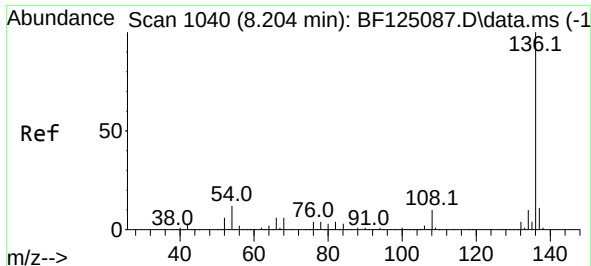
Tgt Ion: 99 Resp: 1064992
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 38.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.312 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion: 70 Resp: 96887
Ion Ratio Lower Upper
70 100
42 49.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.3 21.8 32.6#

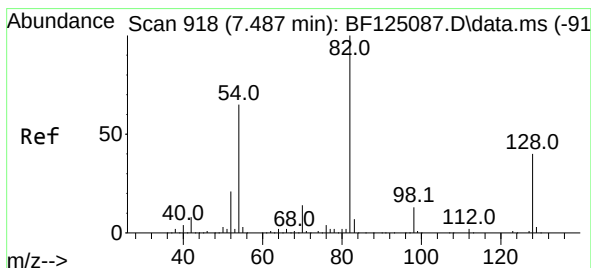
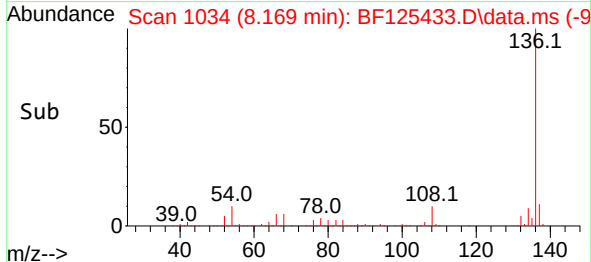
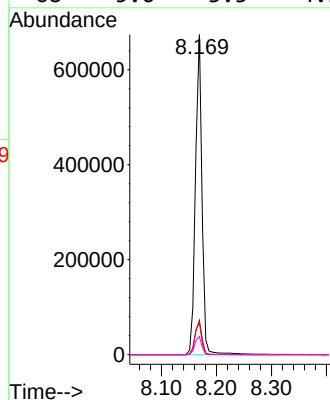
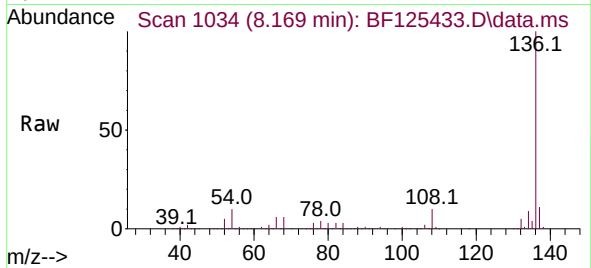




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

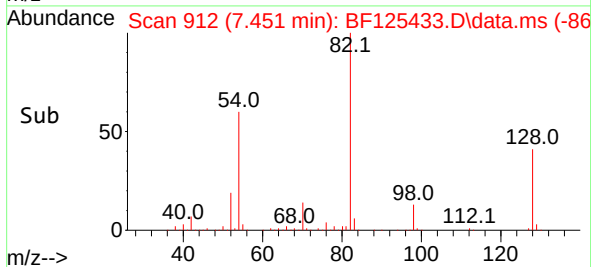
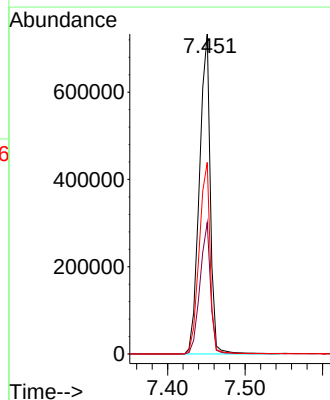
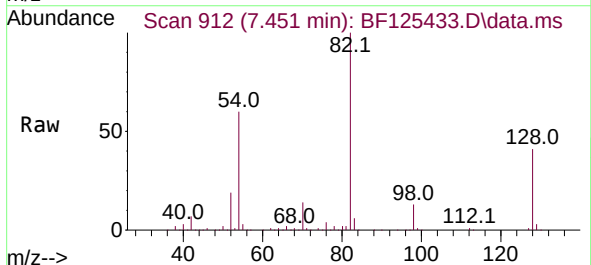
Instrument :
BNA_F
ClientSampleId :
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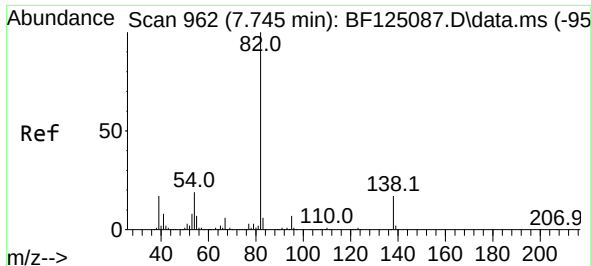
Tgt Ion:	136	Resp:	553296
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	10.0	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 65.180 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion:	82	Resp:	716353
Ion Ratio	Lower	Upper	
82	100		
128	41.0	40.6	60.8
54	59.9	49.6	74.4

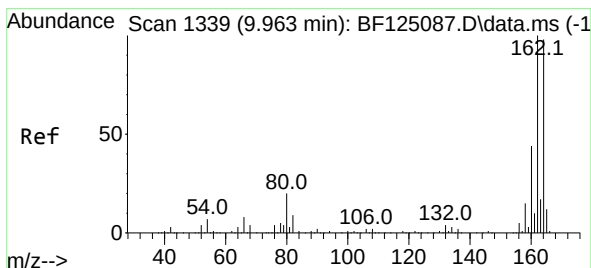
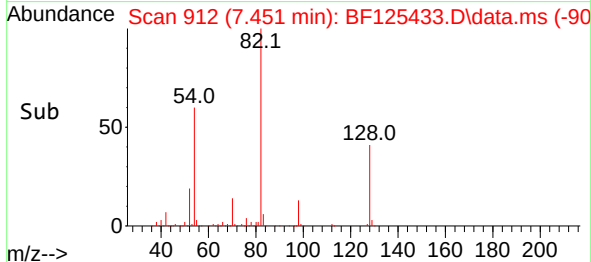
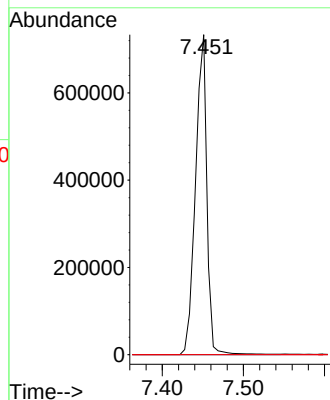
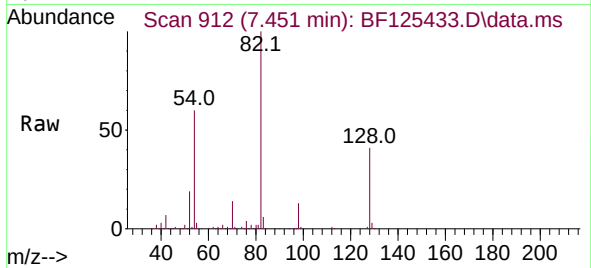




#25
Isophorone
Concen: 33.787 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

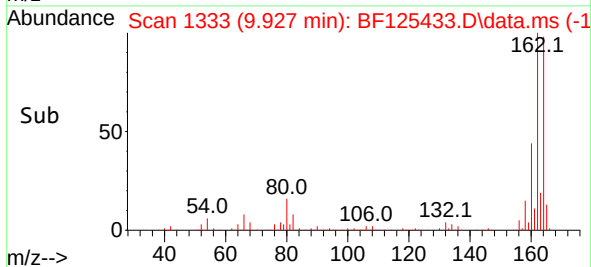
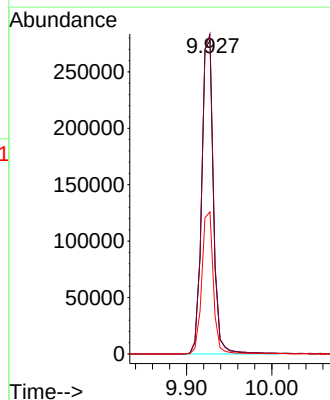
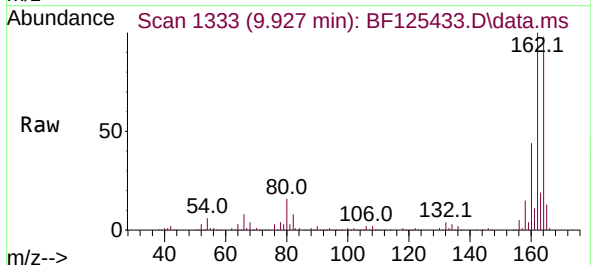
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ClientSampleId :
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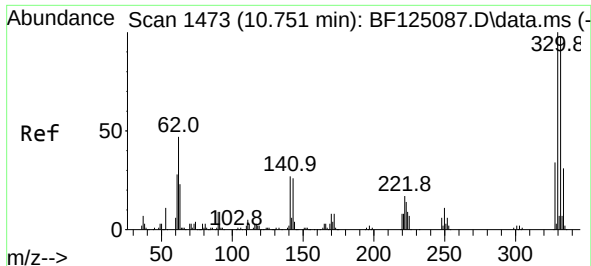
Tgt Ion: 82 Resp: 716344
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion: 164 Resp: 265374
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 45.3 38.0 57.0

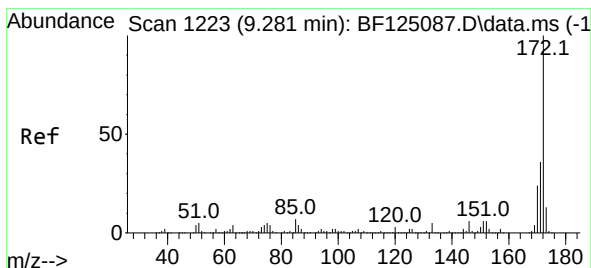
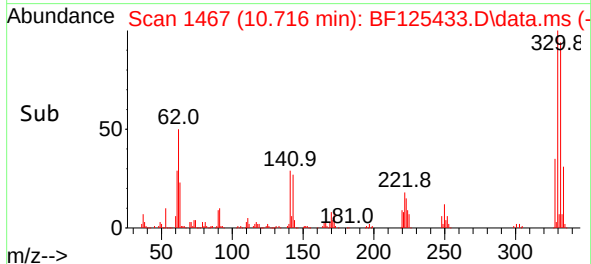
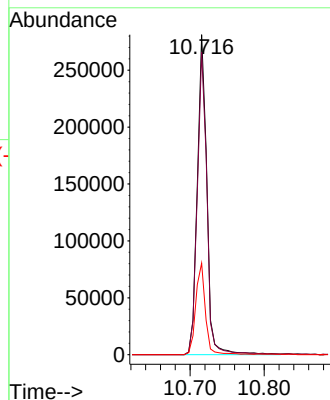
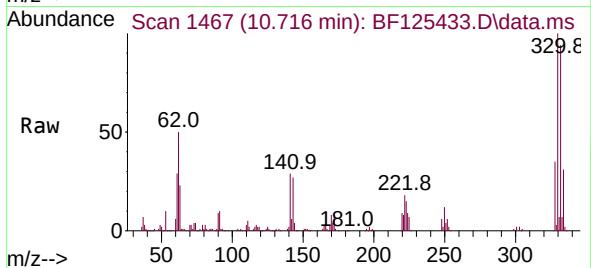




#42
2,4,6-Tribromophenol
Concen: 94.886 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

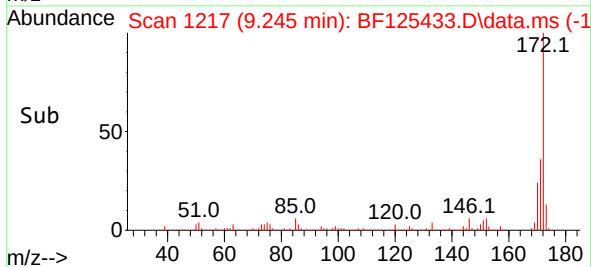
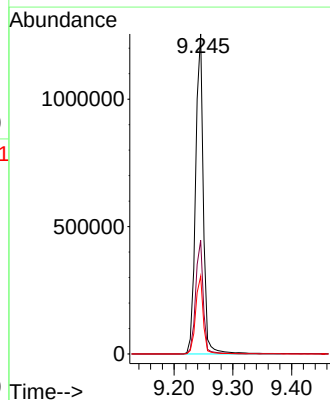
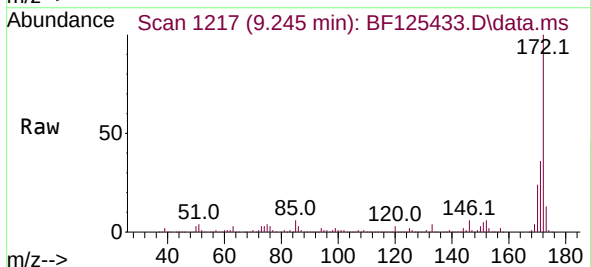
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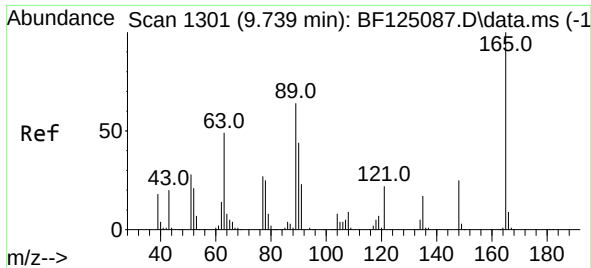
Tgt Ion: 330 Resp: 251354
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 28.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 60.949 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion: 172 Resp: 1160502
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.3 18.8 28.2

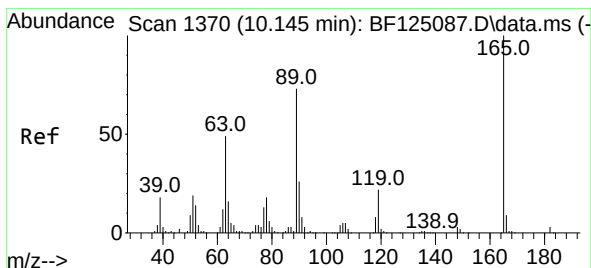
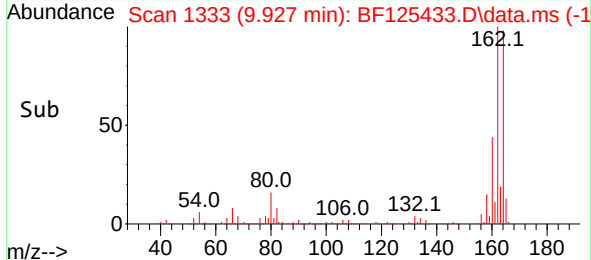
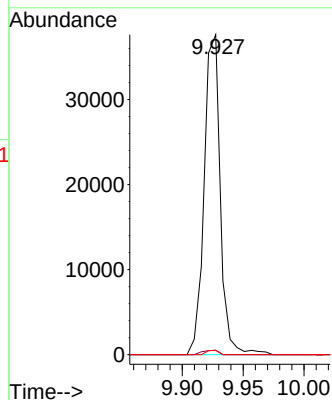
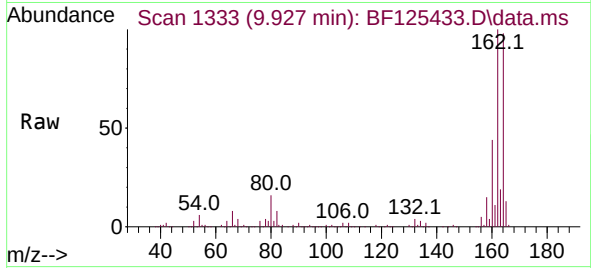




#51
2,6-Dinitrotoluene
Concen: 8.688 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

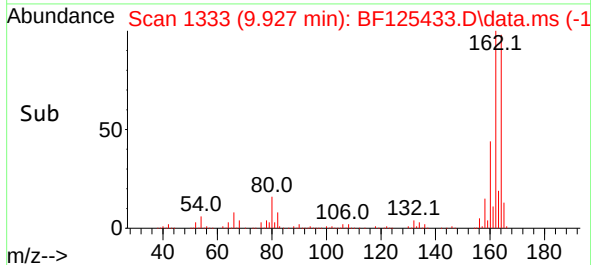
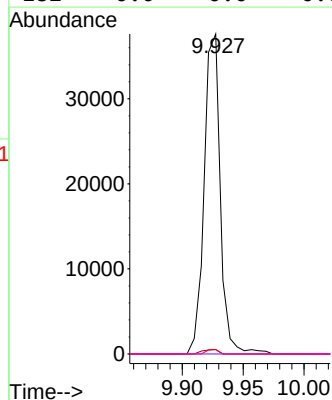
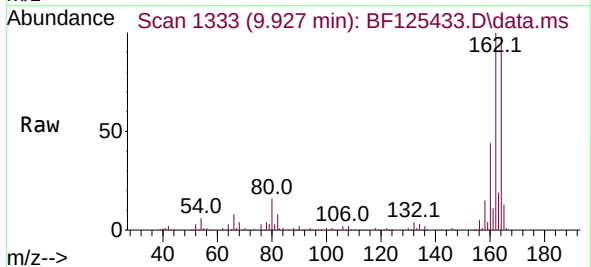
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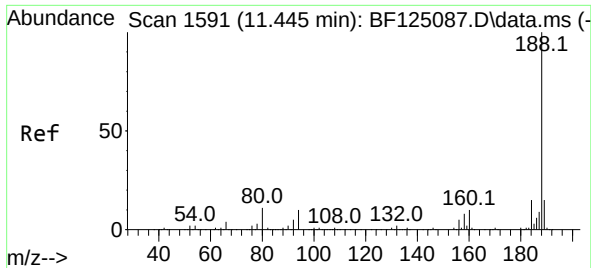
Tgt Ion:165 Resp: 34643
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.178 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion:165 Resp: 34643
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

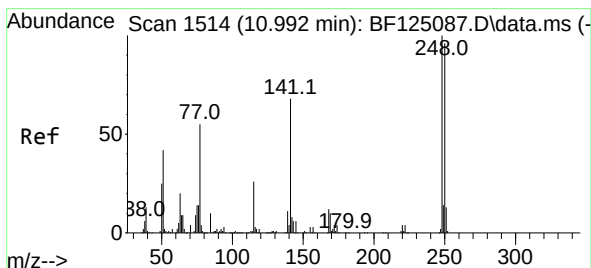
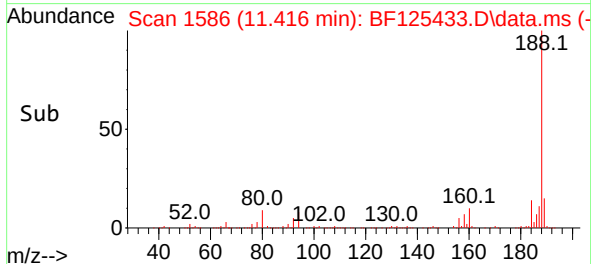
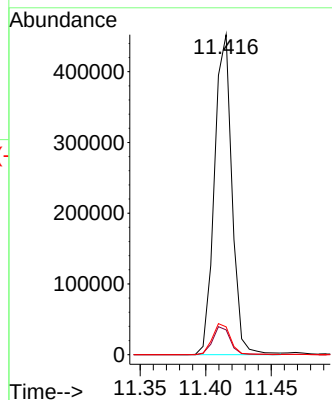
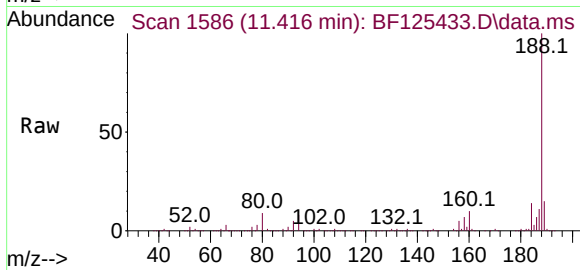




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

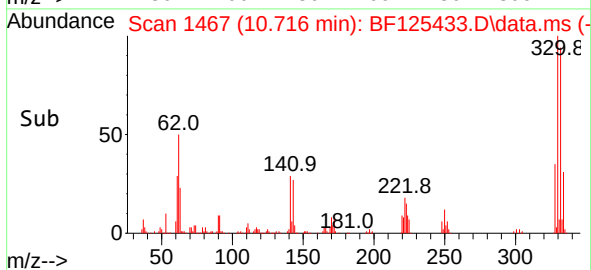
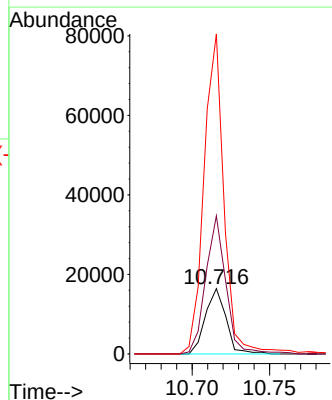
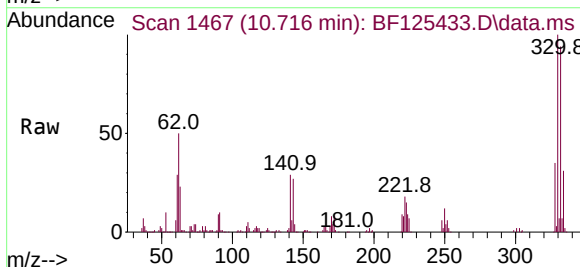
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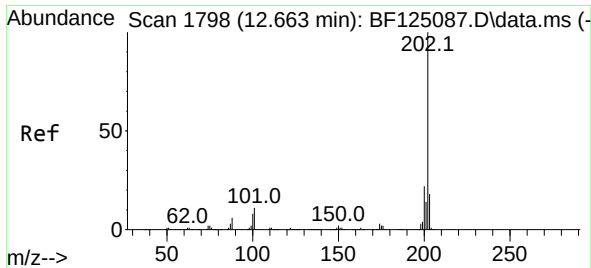
Tgt Ion:188 Resp: 420440
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion:248 Resp: 15228
Ion Ratio Lower Upper
248 100
250 211.5 74.2 111.4#
141 490.3 60.4 90.6#

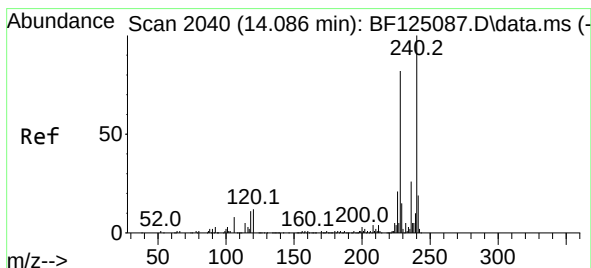
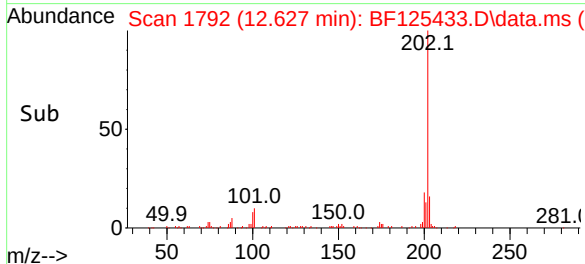
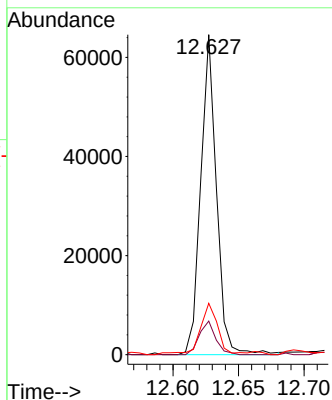
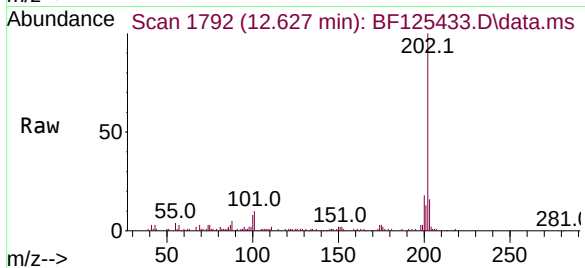




#75
Fluoranthene
Concen: 2.361 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

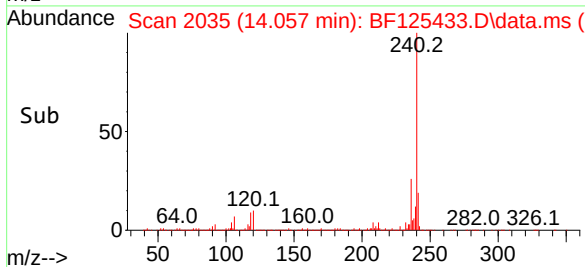
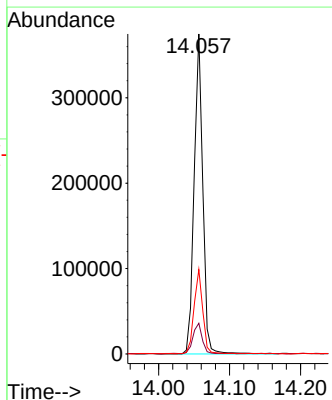
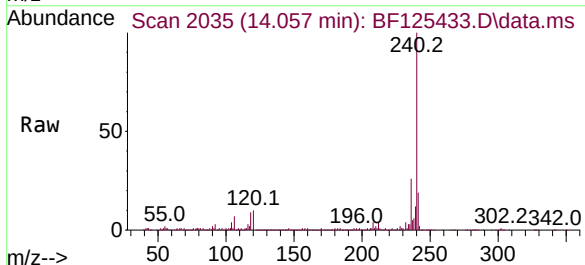
Instrument :
BNA_F
ClientSampleId :
F005130

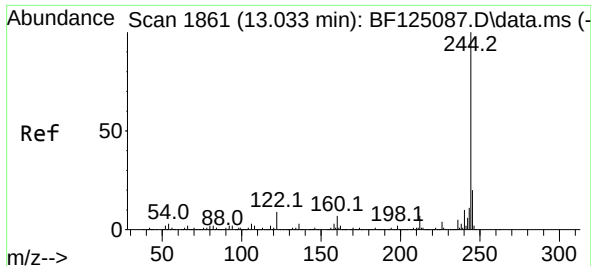
Tgt Ion:202 Resp: 54267
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 16.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125433.D
Acq: 10 Sep 2021 20:10

Tgt Ion:240 Resp: 318584
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 26.4 21.6 32.4

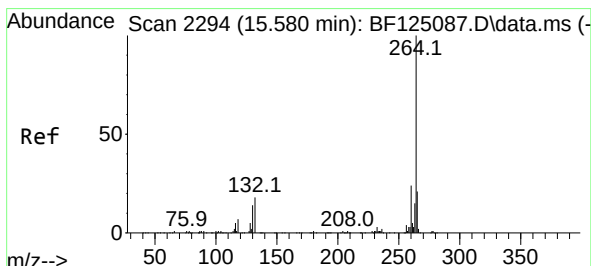
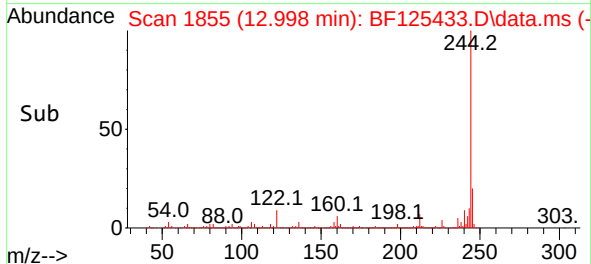
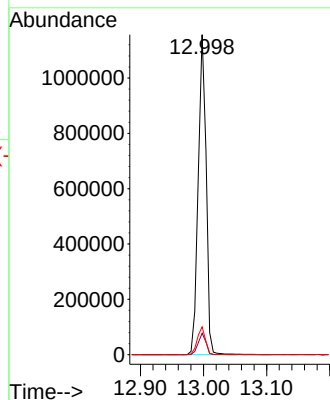
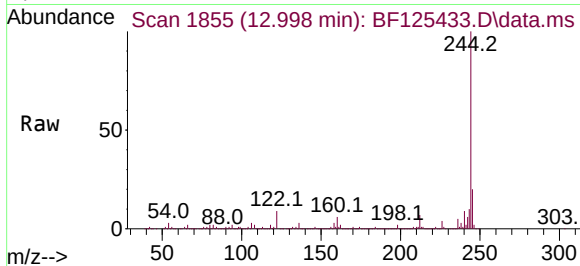




#79
 Terphenyl-d14
 Concen: 50.322 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF125433.D
 Acq: 10 Sep 2021 20:10

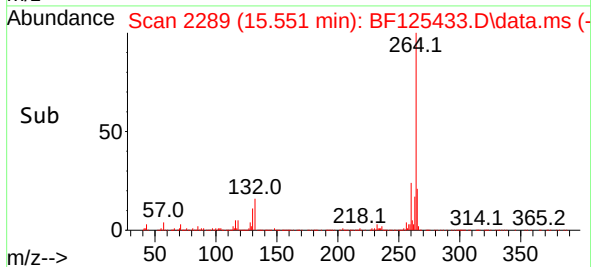
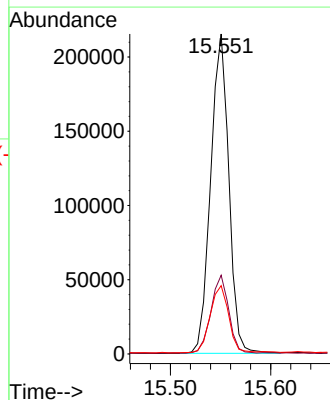
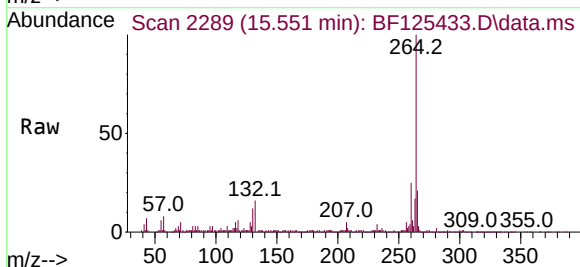
Instrument :
 BNA_F
 ClientSampleId :
 F005130

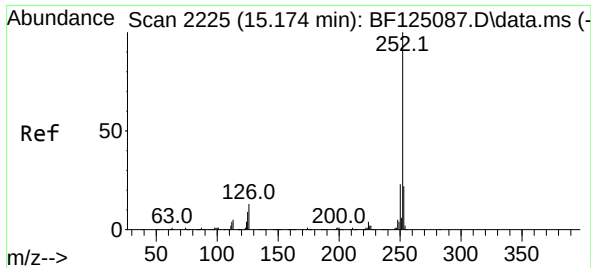
Tgt Ion:244 Resp: 1006331
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 8.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF125433.D
 Acq: 10 Sep 2021 20:10

Tgt Ion:264 Resp: 270798
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.4 17.2 25.8





#89

Benzo(k)fluoranthene

Concen: 2.042 ng

RT: 15.109 min Scan# 2214

Delta R.T. -0.035 min

Lab File: BF125433.D

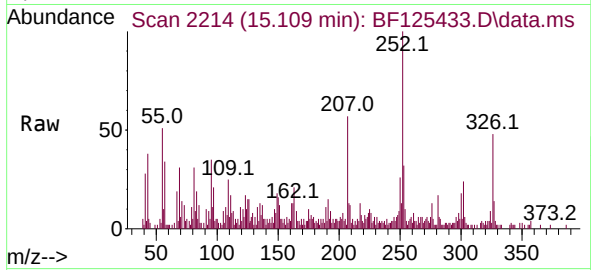
Acq: 10 Sep 2021 20:10

Instrument :

BNA_F

ClientSampleId :

F005130



Tgt Ion:	252	Resp:	37704
Ion Ratio	Lower	Upper	
252	100		
253	32.4	17.8	26.8#
125	14.7	7.2	10.8#

