

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125561.D
 Acq On : 22 Sep 2021 16:05
 Operator : JU/CG
 Sample : PB139245TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139245TB

Quant Time: Sep 22 17:15:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

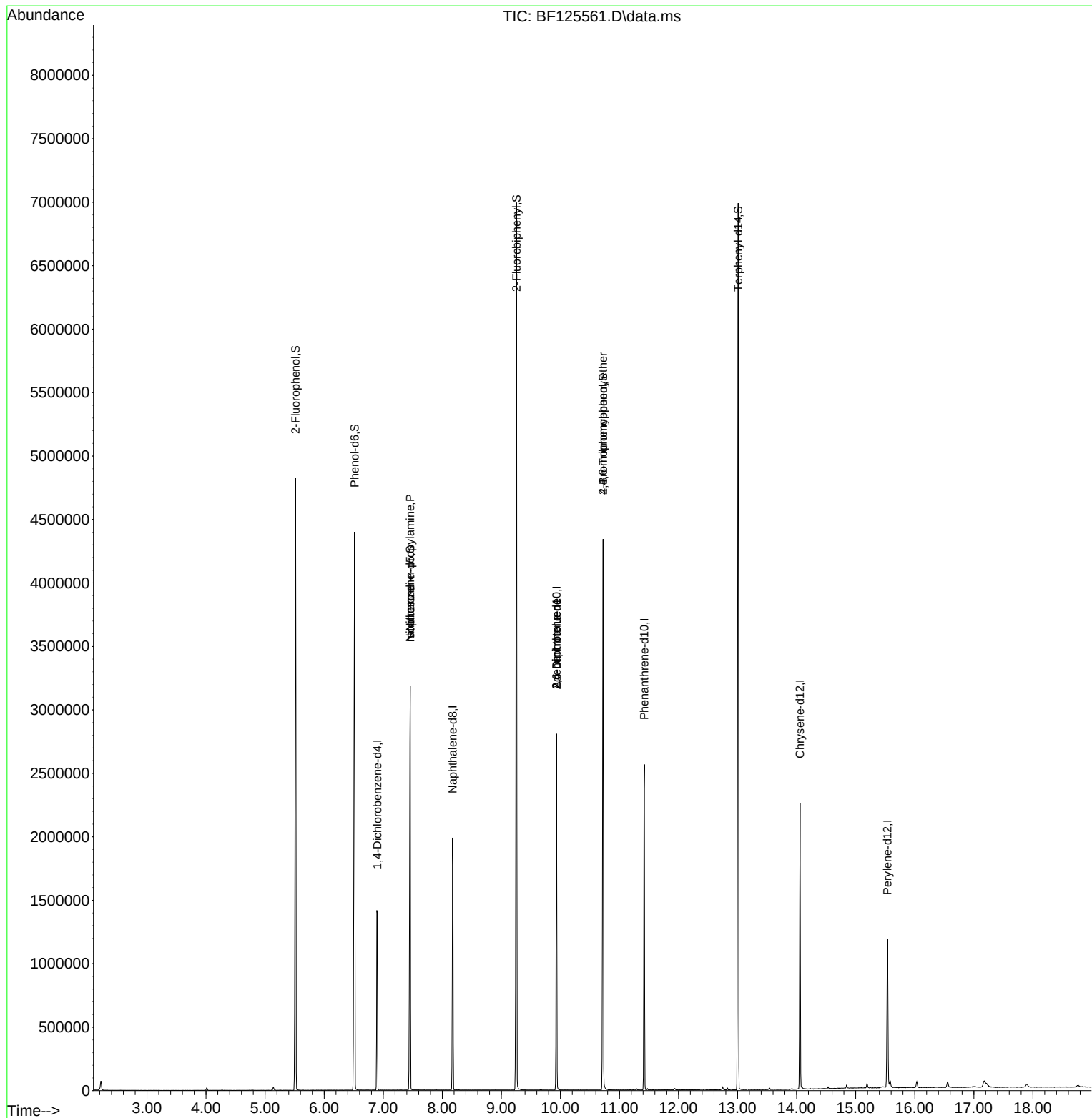
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	224241	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	975068	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	540299	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	969823	20.000	ng	0.00
76) Chrysene-d12	14.057	240	702341	20.000	ng	0.00
86) Perylene-d12	15.539	264	544980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1563377	110.250	ng	0.00
7) Phenol-d6	6.516	99	1881642	102.917	ng	0.00
23) Nitrobenzene-d5	7.457	82	1153361	75.445	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	583916	110.338	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2285856	75.303	ng	0.00
79) Terphenyl-d14	13.010	244	2553143	58.702	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	2813	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	145185	13.268	ng	# 51
25) Isophorone	7.457	82	1149827	34.951	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	69270	9.363	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	69270	7.813	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	31952	2.883	ng	# 1

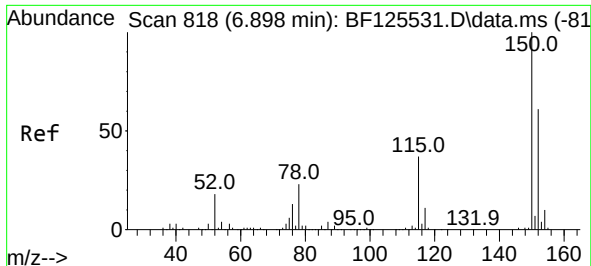
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
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Response via : Initial Calibration

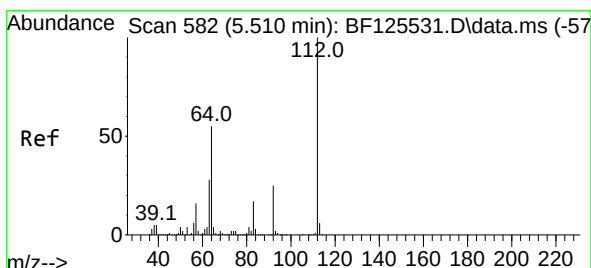
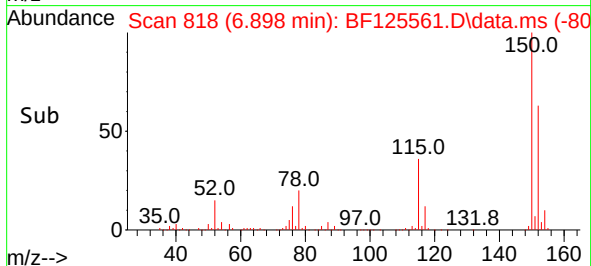
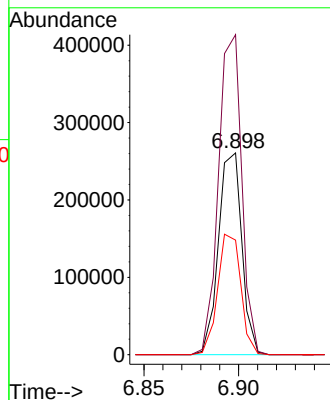
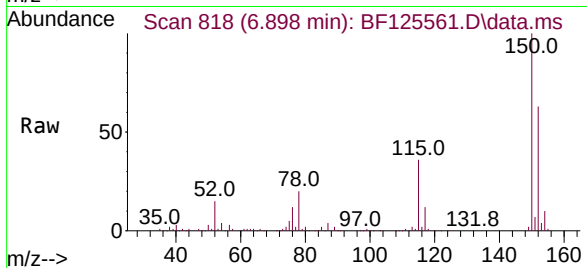




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

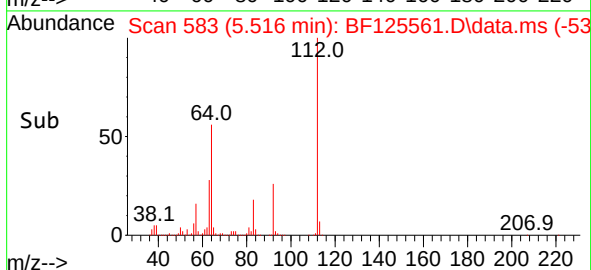
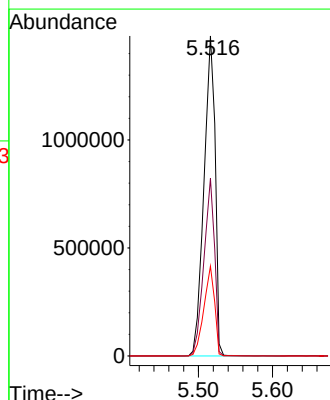
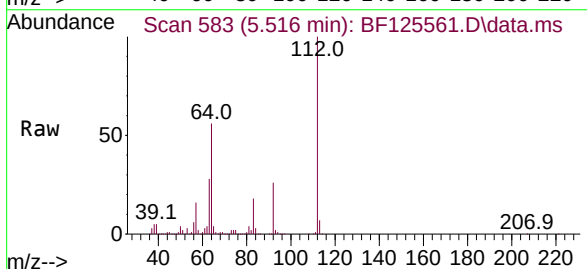
Instrument :
BNA_F
ClientSampleId :
PB139245TB

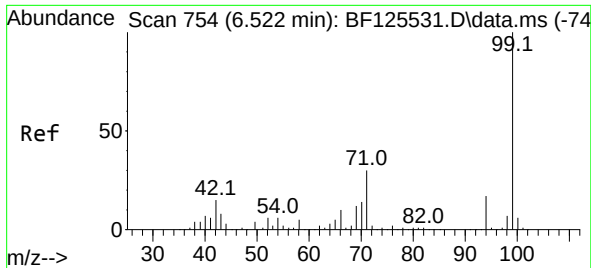
Tgt Ion:152 Resp: 224241
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 56.8 47.1 70.7



#5
2-Fluorophenol
Concen: 110.250 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Tgt Ion:112 Resp: 1563377
Ion Ratio Lower Upper
112 100
64 55.5 44.2 66.2
63 28.1 26.2 39.2

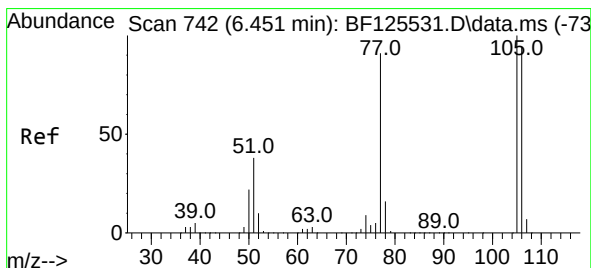
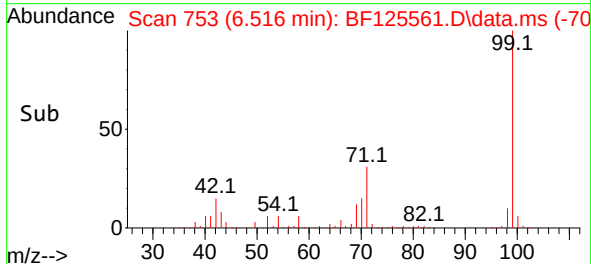
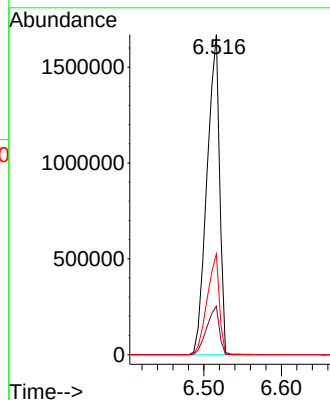
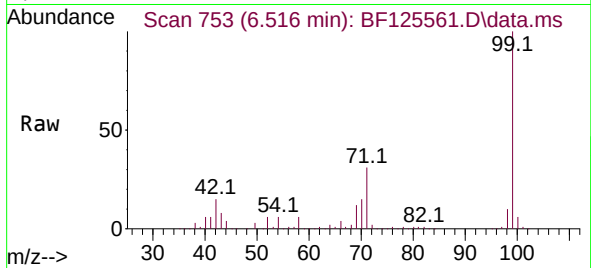




#7
Phenol-d6
Concen: 102.917 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

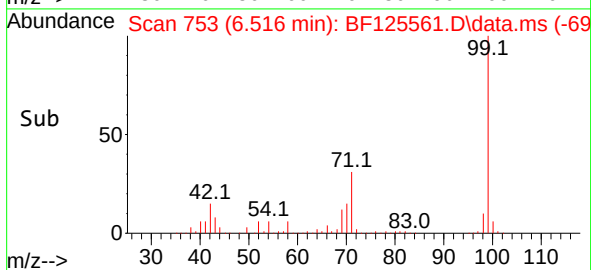
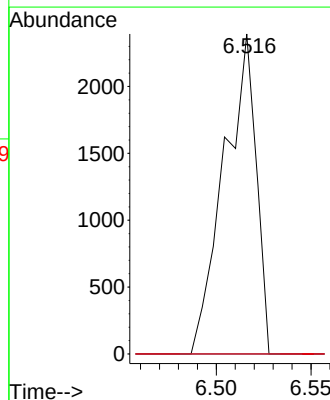
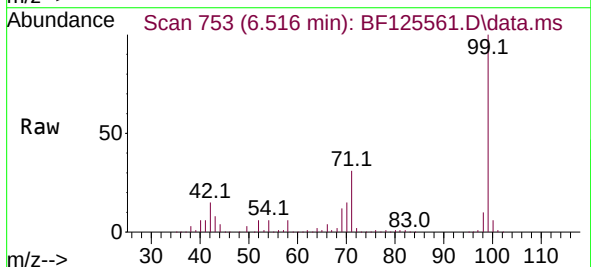
Instrument :
BNA_F
ClientSampleId :
PB139245TB

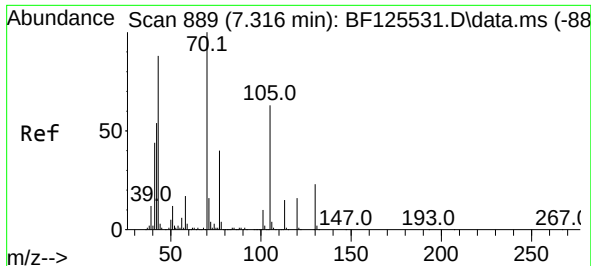
Tgt Ion: 99 Resp: 1881642
Ion Ratio Lower Upper
99 100
42 15.1 23.5 35.3#
71 31.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

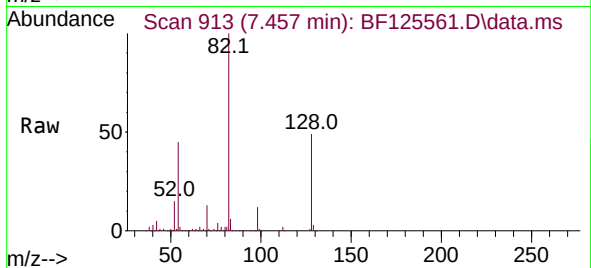
Tgt Ion: 77 Resp: 2813
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



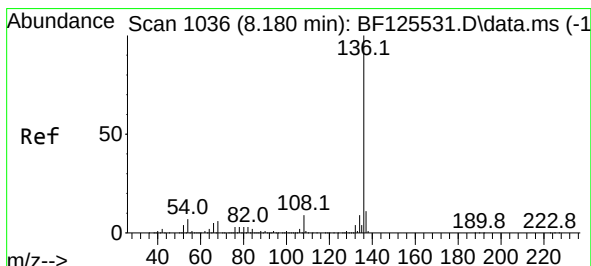
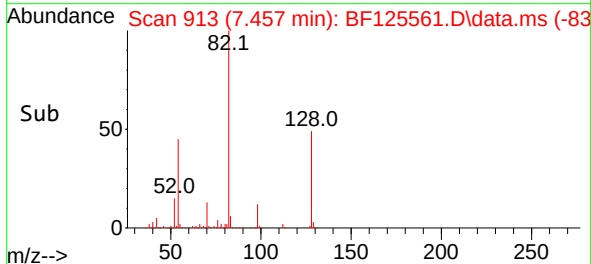
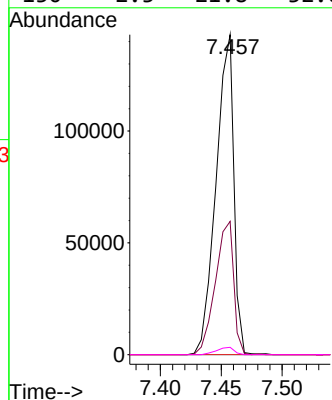


#19
n-Nitroso-di-n-propylamine
Concen: 13.268 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Instrument :
BNA_F
ClientSampleId :
PB139245TB

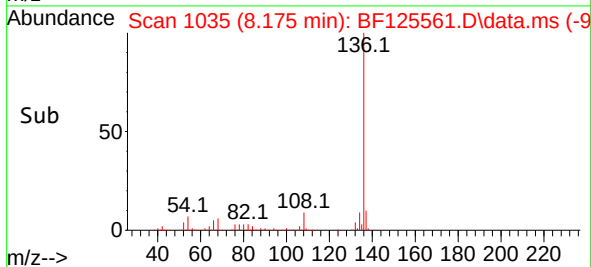
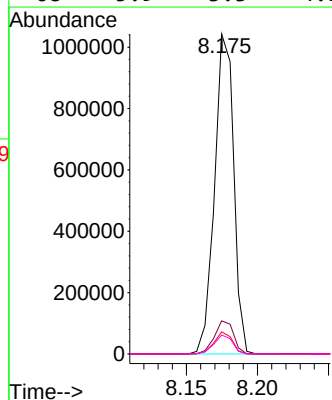
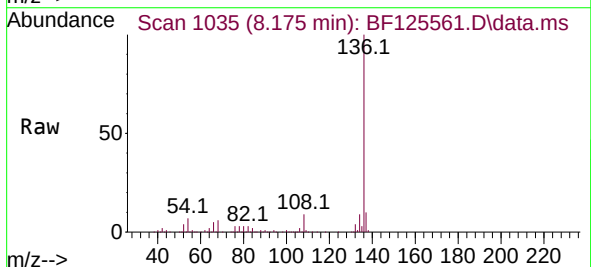


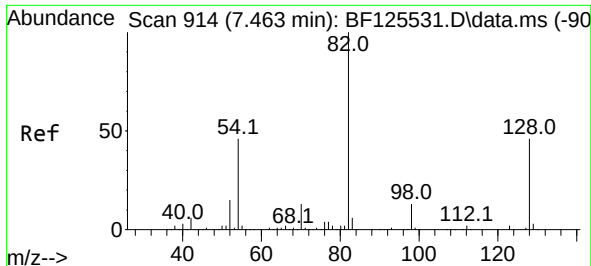
Tgt Ion: 70 Resp: 145185
Ion Ratio Lower Upper
70 100
42 41.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Tgt Ion: 136 Resp: 975068
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.9 6.4 9.6
68 5.9 3.3 4.9#

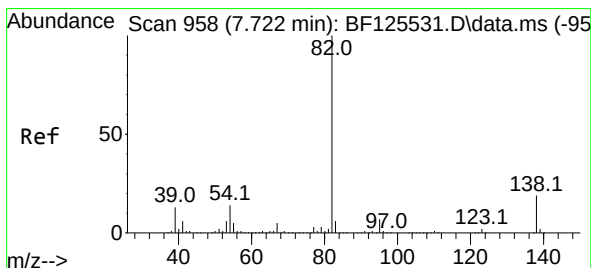
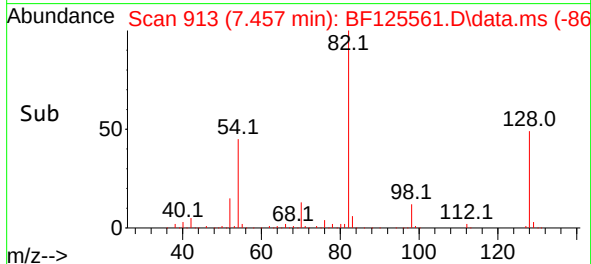
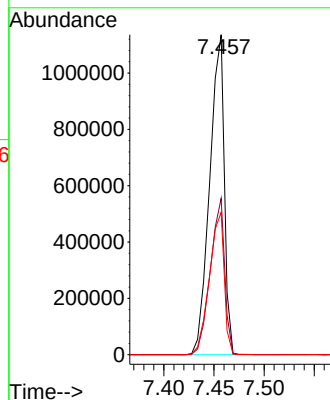
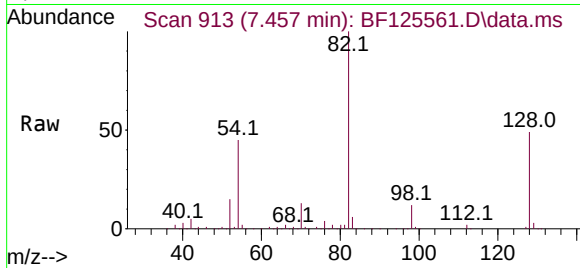




#23
Nitrobenzene-d5
Concen: 75.445 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

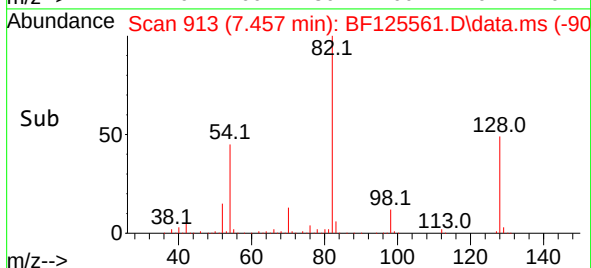
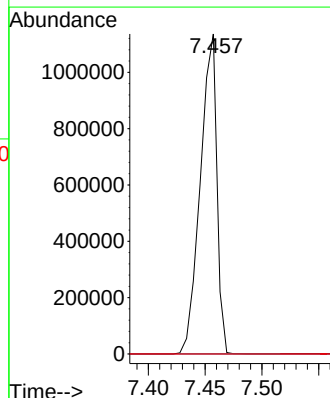
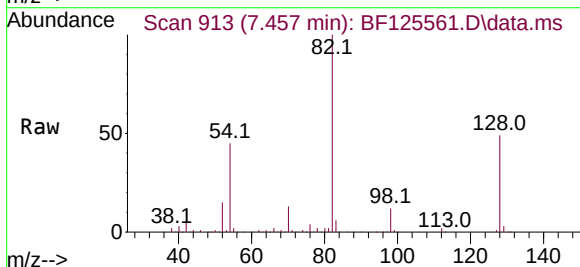
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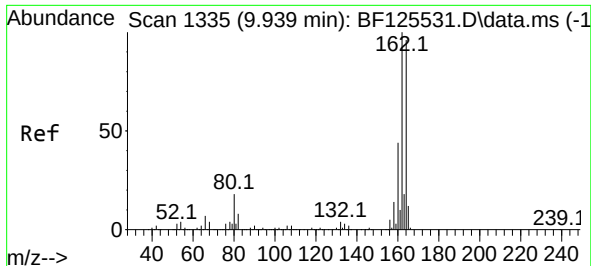
Tgt Ion: 82 Resp: 1153361
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 44.5 49.6 74.4#



#25
Isophorone
Concen: 34.951 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.264 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Tgt Ion: 82 Resp: 1149827
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

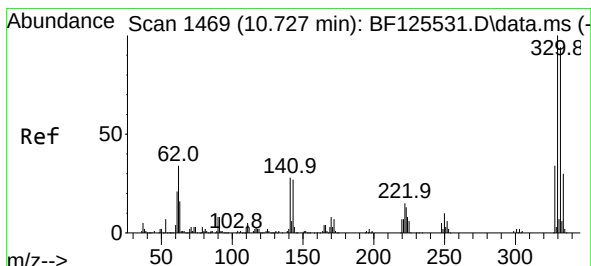
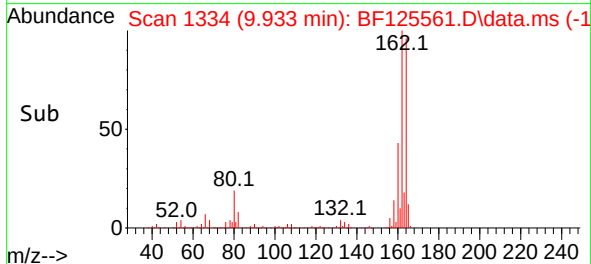
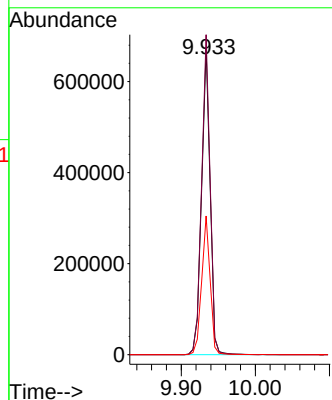
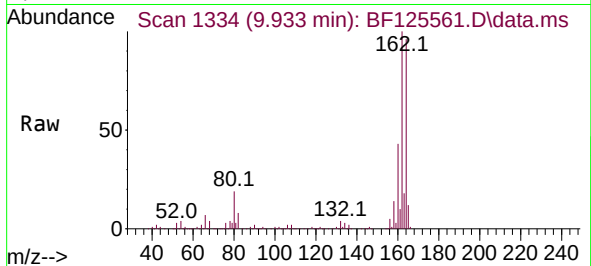




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

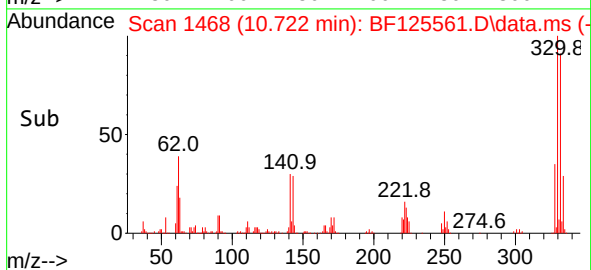
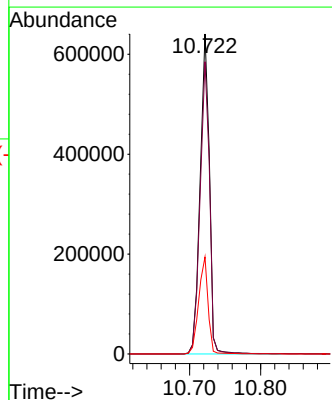
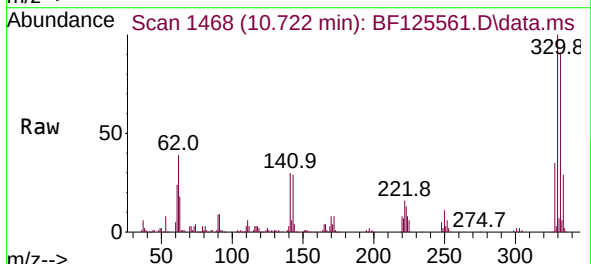
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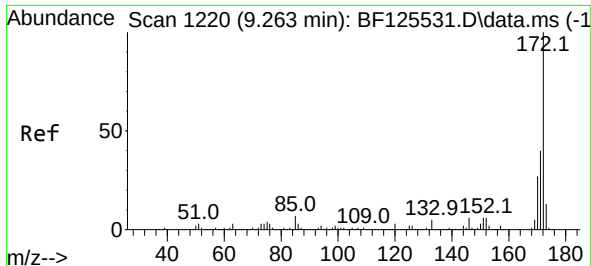
Tgt Ion:164 Resp: 540299
Ion Ratio Lower Upper
164 100
162 104.3 81.3 121.9
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 110.338 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Tgt Ion:330 Resp: 583916
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 30.7 44.6 66.8#

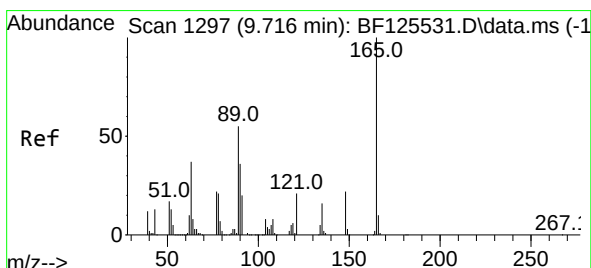
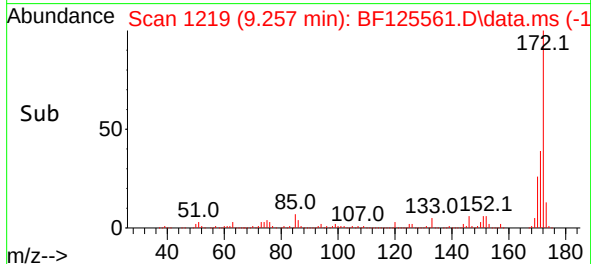
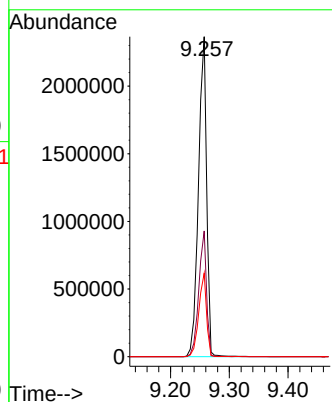
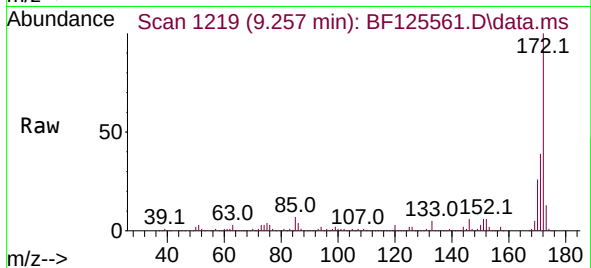




#45
2-Fluorobiphenyl
Concen: 75.303 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

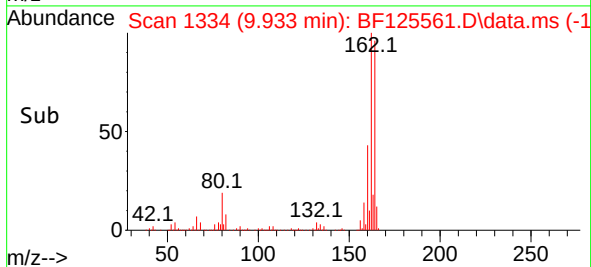
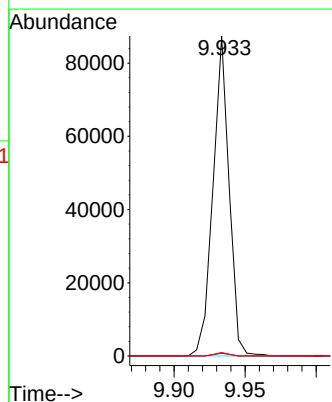
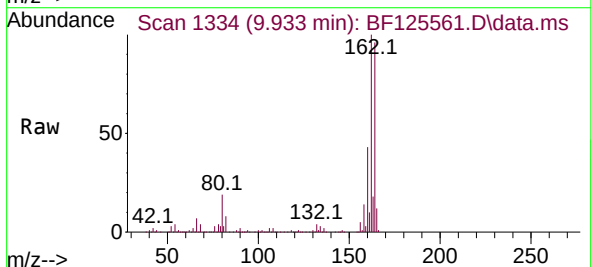
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ClientSampleId :
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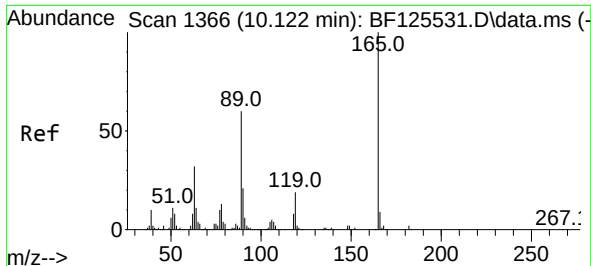
Tgt Ion:172 Resp: 2285856
Ion Ratio Lower Upper
172 100
171 39.3 26.5 39.7
170 26.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.363 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Tgt Ion:165 Resp: 69270
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.1 40.6 60.8#

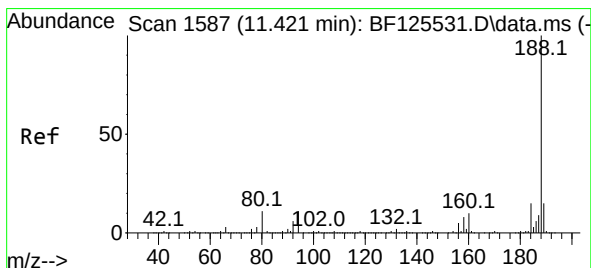
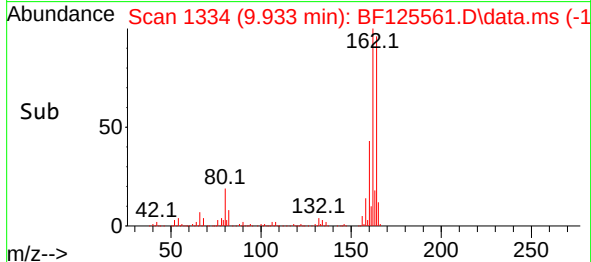
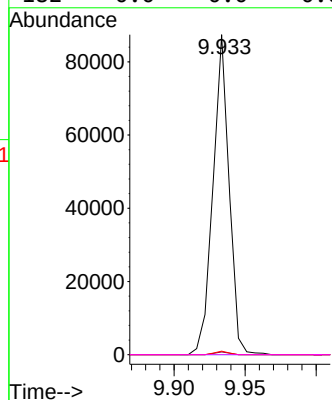
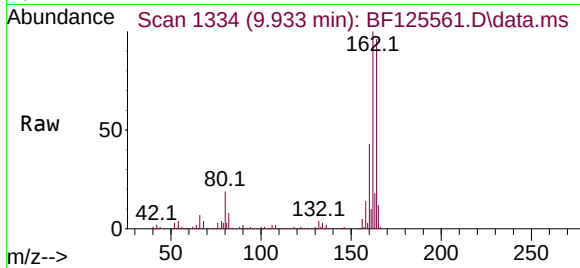




#57
2,4-Dinitrotoluene
Concen: 7.813 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

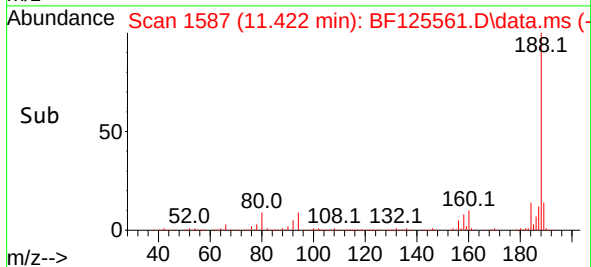
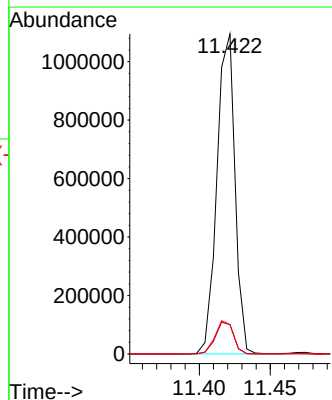
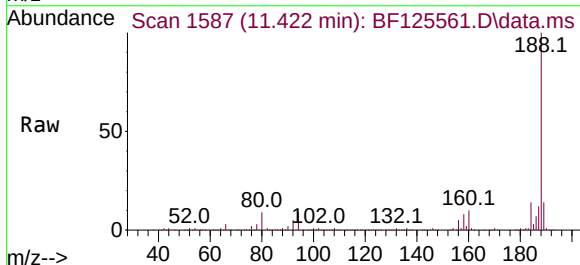
Instrument :
BNA_F
ClientSampleId :
PB139245TB

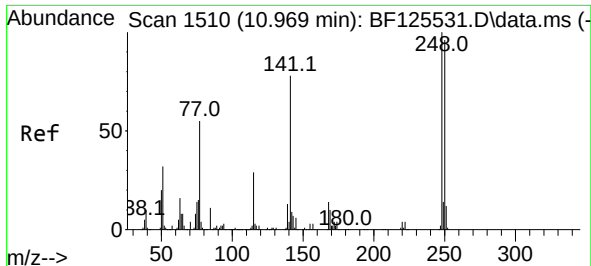
Tgt Ion:165	Resp:	69270
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Tgt Ion:188	Resp:	969823
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.7 10.1
80	9.2	7.5 11.3

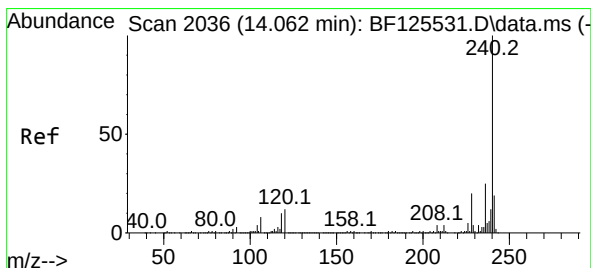
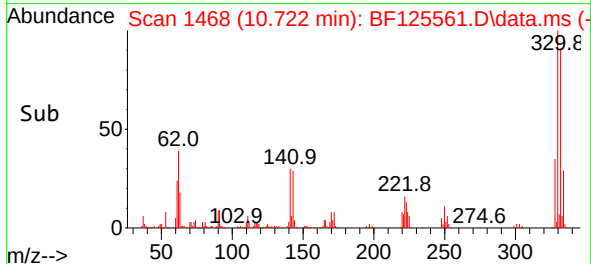
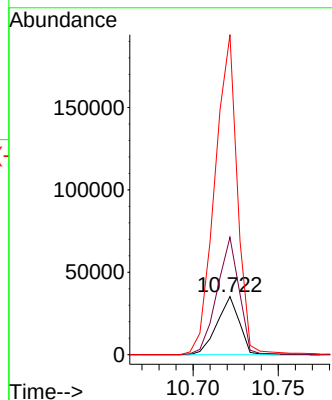
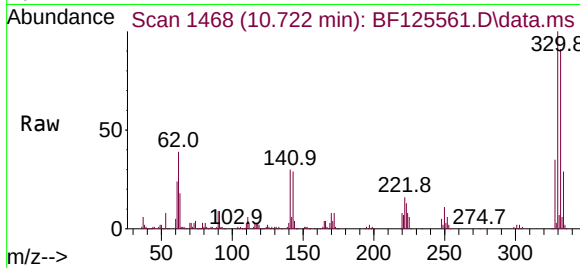




#67
4-Bromophenyl-phenylether
Concen: 2.883 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

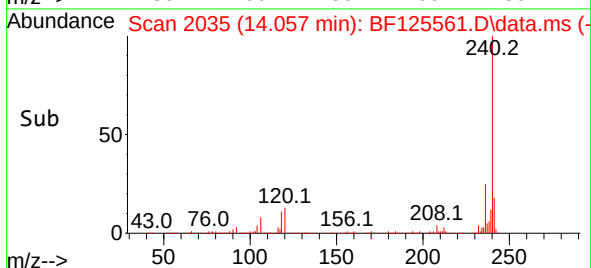
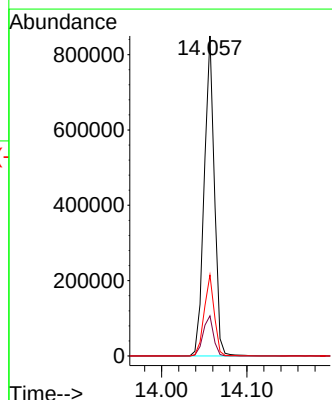
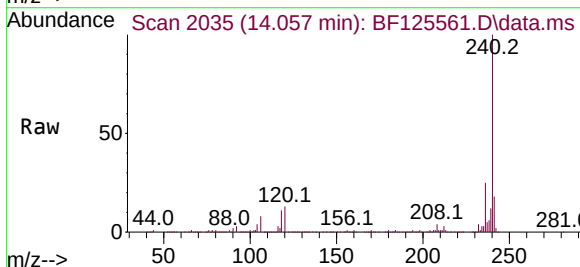
Instrument :
BNA_F
ClientSampleId :
PB139245TB

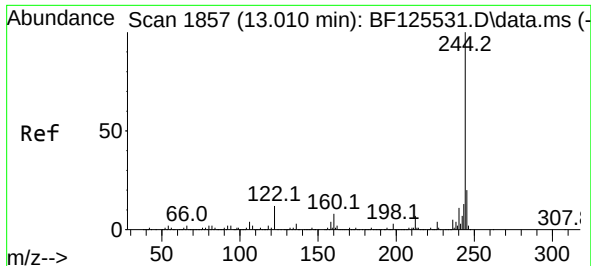
Tgt Ion:248 Resp: 31952
Ion Ratio Lower Upper
248 100
250 202.3 74.2 111.4#
141 551.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125561.D
Acq: 22 Sep 2021 16:05

Tgt Ion:240 Resp: 702341
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 25.3 21.6 32.4

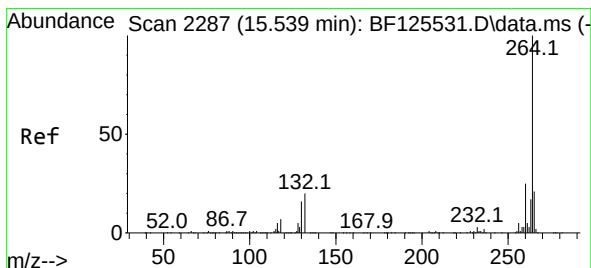
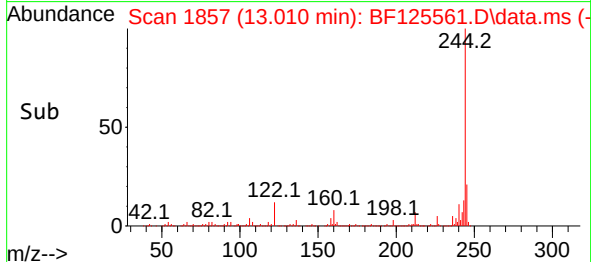
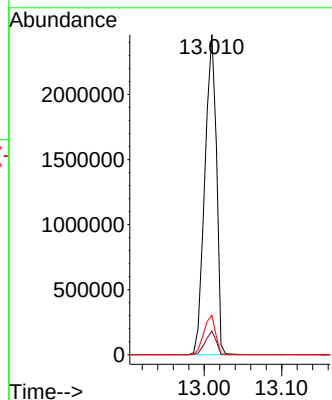
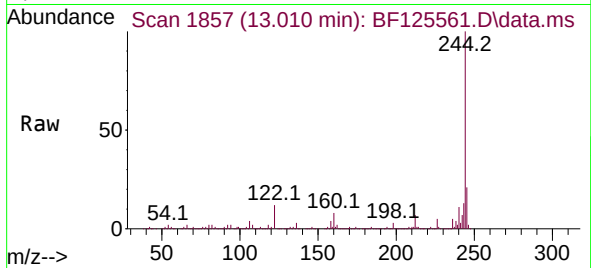




#79
 Terphenyl-d14
 Concen: 58.702 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BF125561.D
 Acq: 22 Sep 2021 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB139245TB

Tgt Ion:244 Resp: 2553143
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. 0.000 min
 Lab File: BF125561.D
 Acq: 22 Sep 2021 16:05

Tgt Ion:264 Resp: 544980
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.3 17.2 25.8

