

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125355.D
 Acq On : 3 Sep 2021 19:49
 Operator : JU/CG
 Sample : M3627-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIERS-COMP

Quant Time: Sep 04 00:56:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

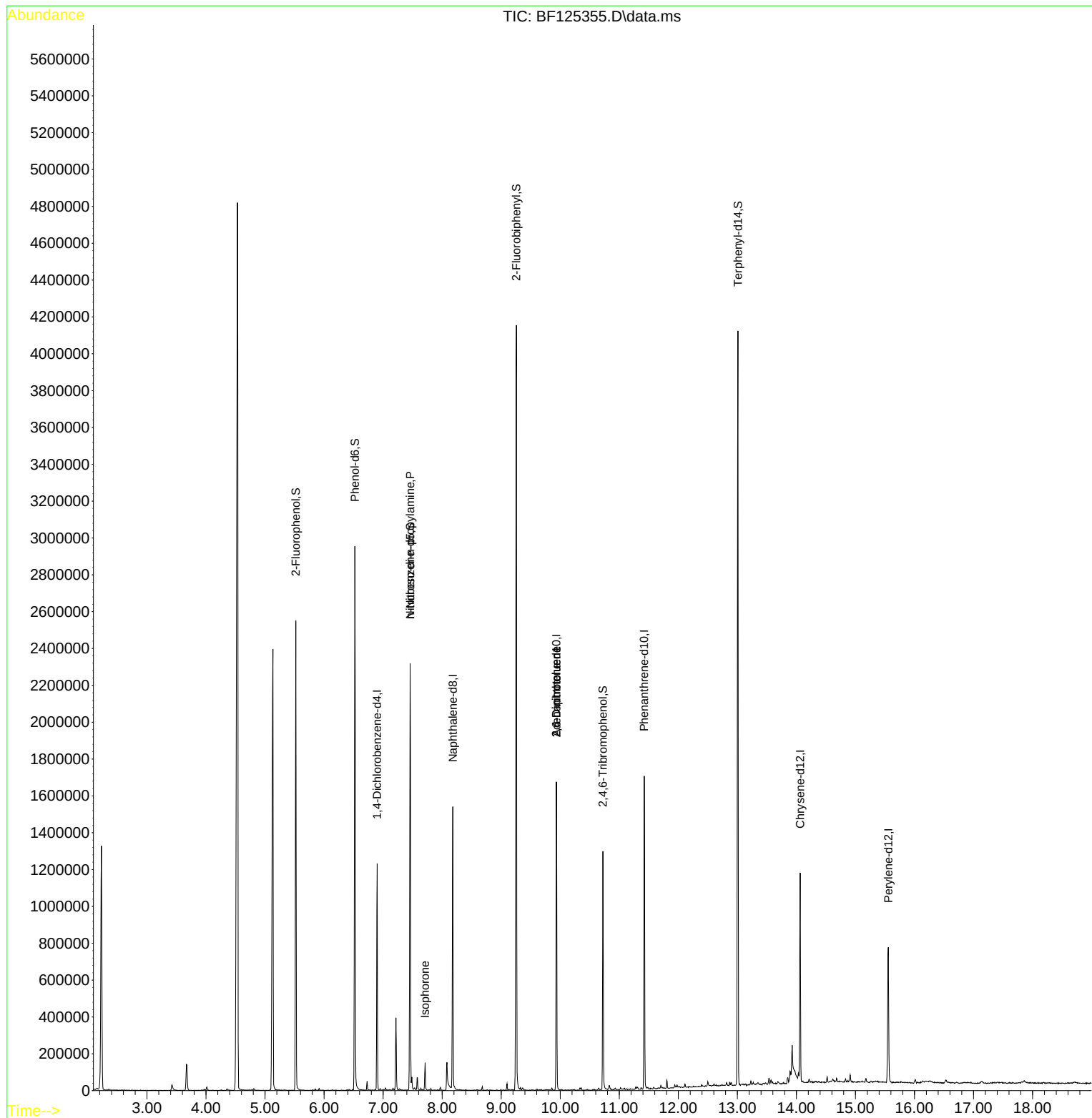
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	169495	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	655700	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	338479	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	610938	20.000	ng	0.00
76) Chrysene-d12	14.062	240	380848	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	339190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	580267	51.818	ng	0.00
7) Phenol-d6	6.522	99	966223	66.715	ng	-0.01
23) Nitrobenzene-d5	7.457	82	782350	60.068	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	148268	43.882	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1400787	57.679	ng	0.00
79) Terphenyl-d14	13.010	244	1522641	63.692	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	104375	11.982	ng	# 57
25) Isophorone	7.710	82	55328	2.202	ng	# 87
51) 2,6-Dinitrotoluene	9.933	165	44422	8.734	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	44422	7.216	ng	# 20

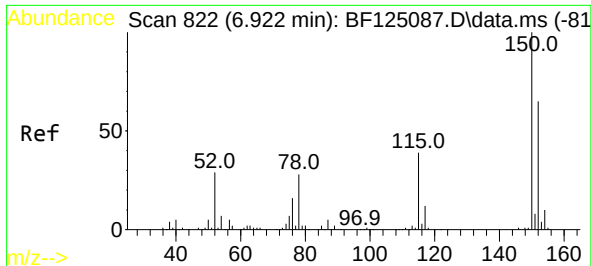
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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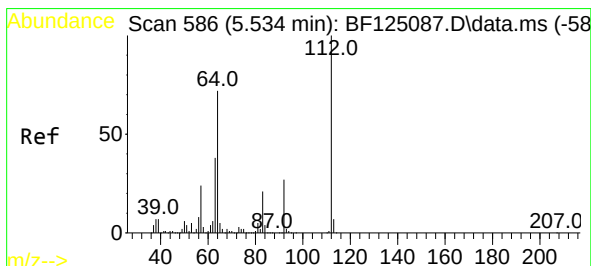
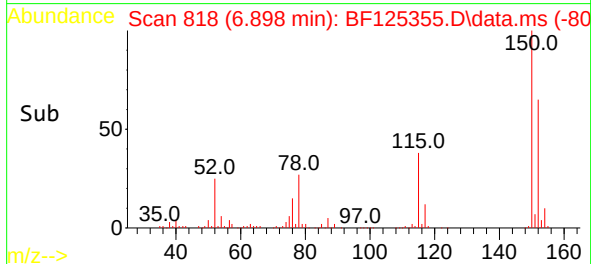
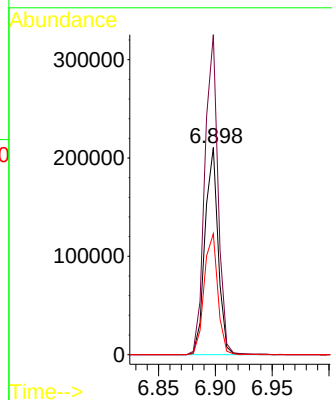
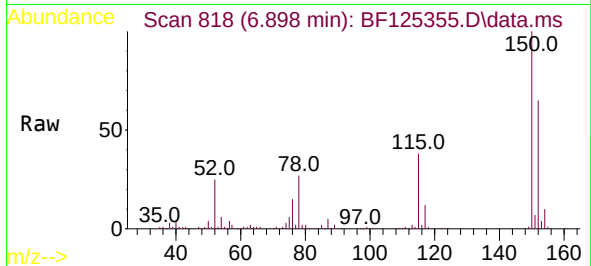




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

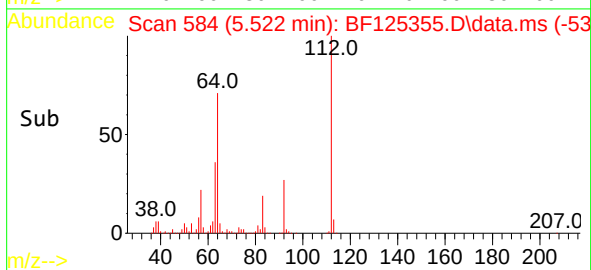
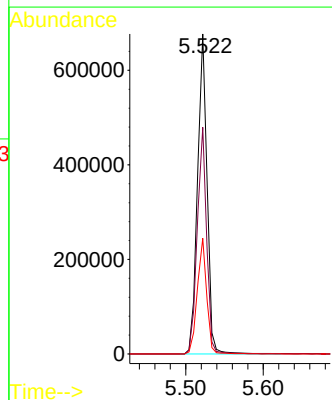
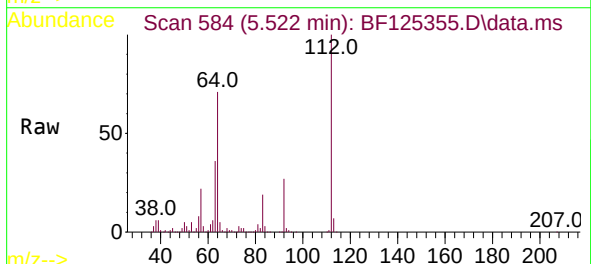
Instrument :
BNA_F
ClientSampleId :
PIERS-COMP

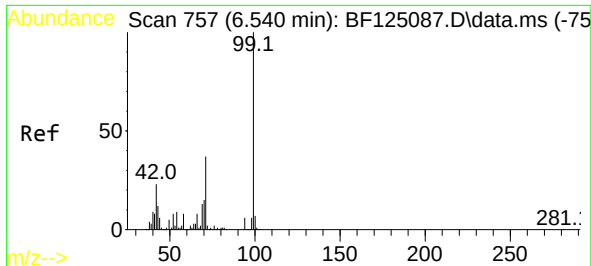
Tgt Ion:152 Resp: 169495
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 51.818 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.000 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

Tgt Ion:112 Resp: 580267
Ion Ratio Lower Upper
112 100
64 70.9 44.2 66.2#
63 36.2 26.2 39.2

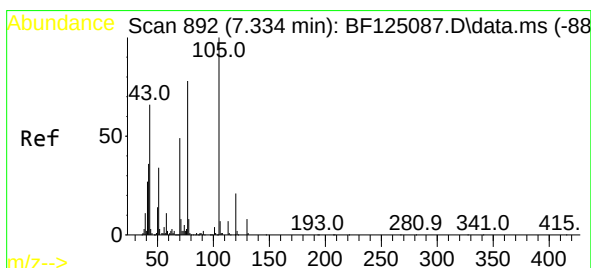
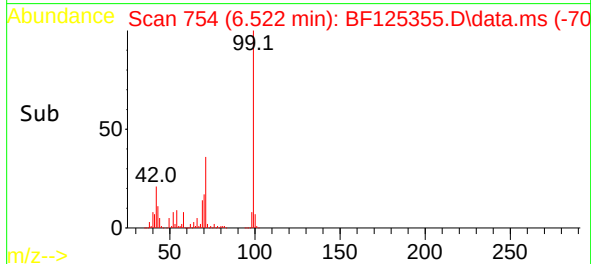
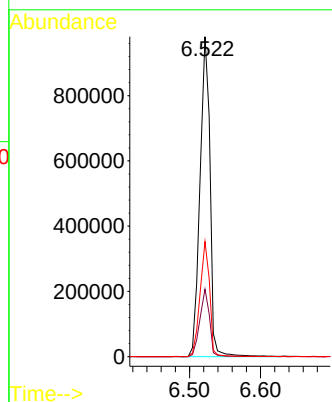
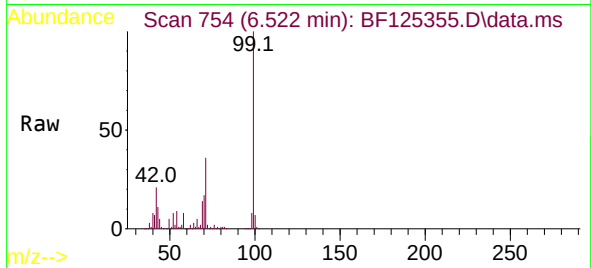




#7
Phenol-d6
Concen: 66.715 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

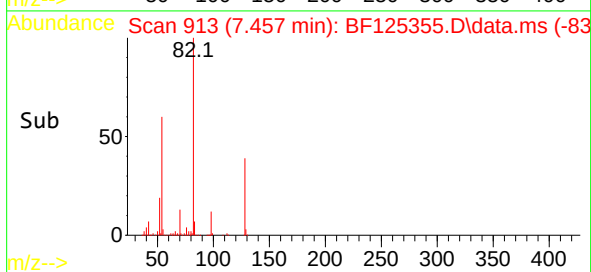
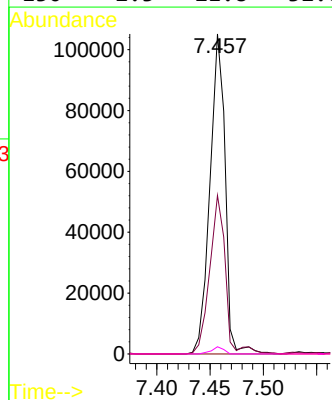
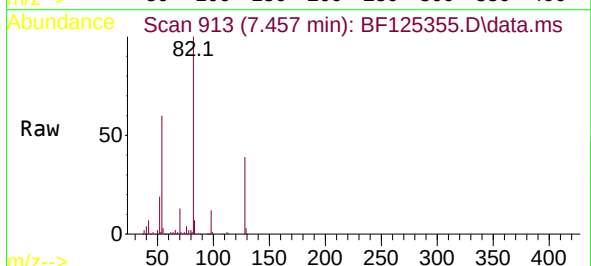
Instrument :
BNA_F
ClientSampleId :
PIERS-COMP

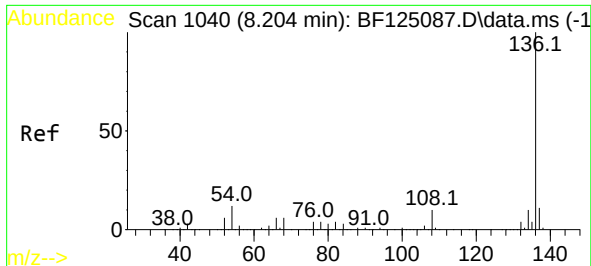
Tgt Ion: 99 Resp: 966223
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 36.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.982 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

Tgt Ion: 70 Resp: 104375
Ion Ratio Lower Upper
70 100
42 49.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

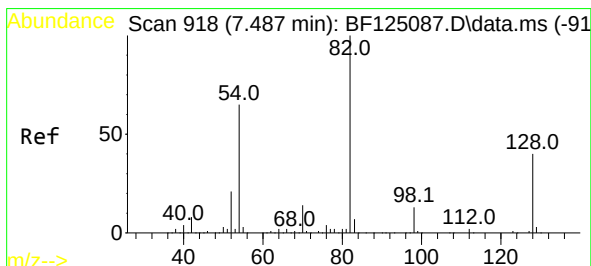
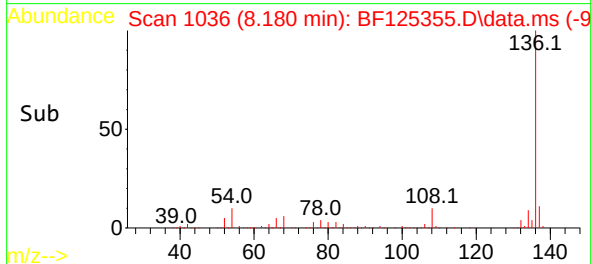
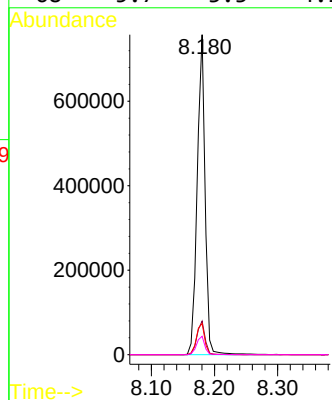
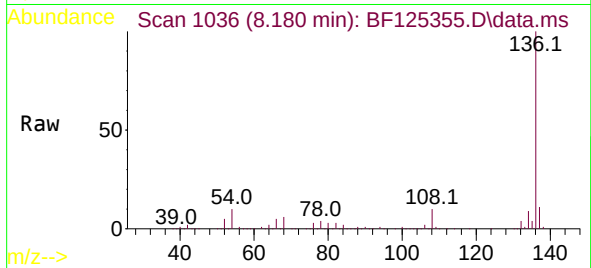




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

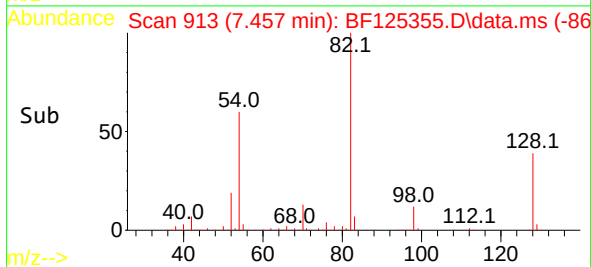
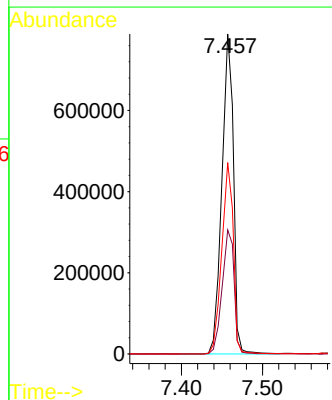
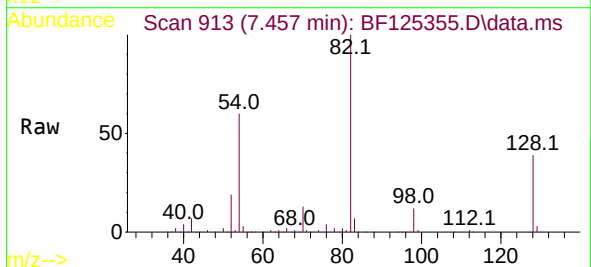
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BNA_F
ClientSampleId :
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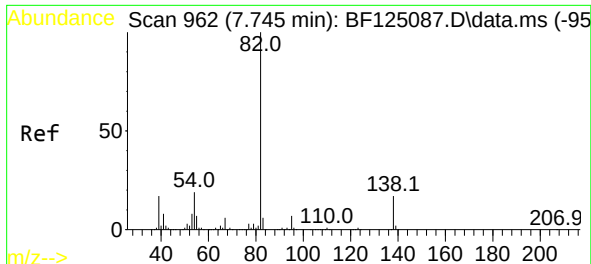
Tgt Ion:136 Resp: 655700
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.8 6.4 9.6#
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 60.068 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

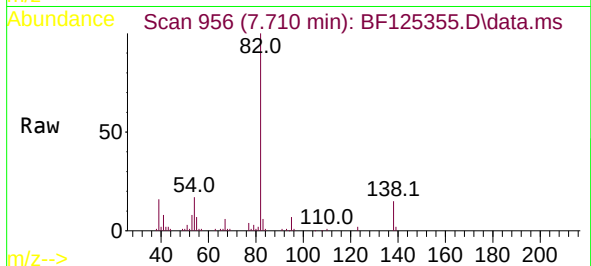
Tgt Ion: 82 Resp: 782350
Ion Ratio Lower Upper
82 100
128 38.8 40.6 60.8#
54 59.8 49.6 74.4



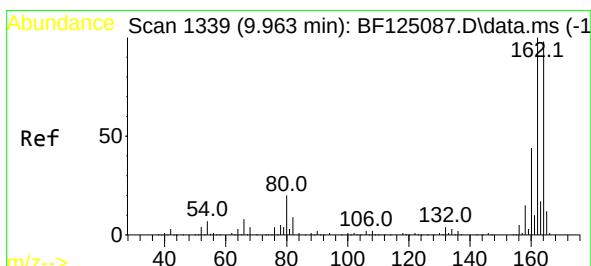
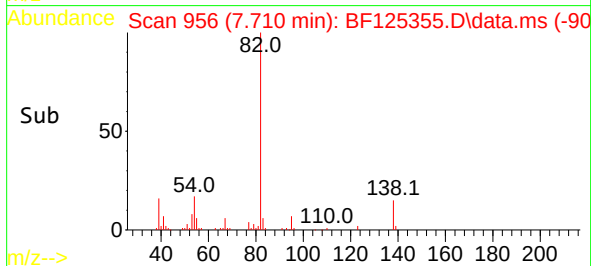
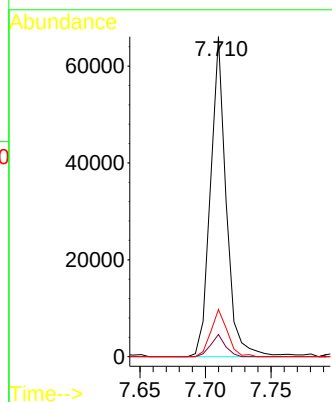


#25
Isophorone
Concen: 2.202 ng
RT: 7.710 min Scan# 956
Delta R.T. -0.012 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

Instrument :
BNA_F
ClientSampleId :
PIERS-COMP

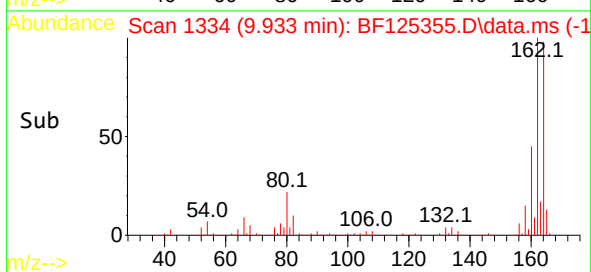
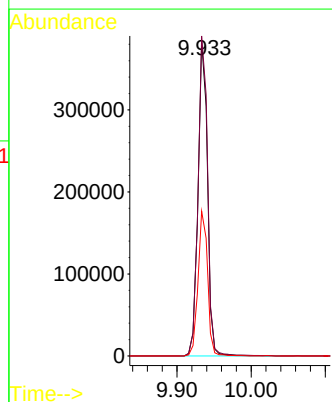
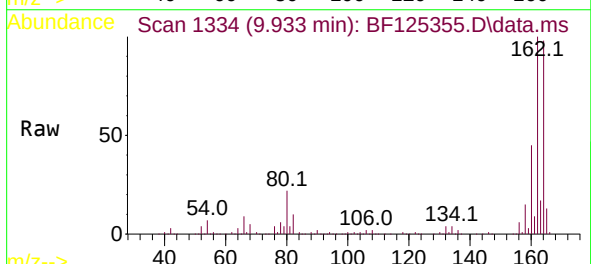


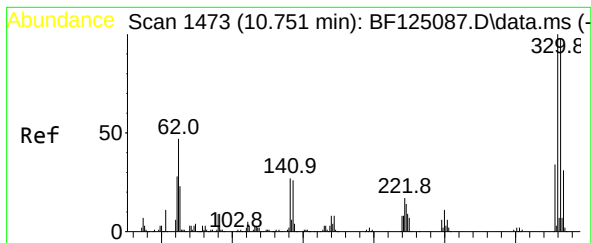
Tgt Ion: 82 Resp: 55328
Ion Ratio Lower Upper
82 100
95 7.0 6.5 9.7
138 14.8 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

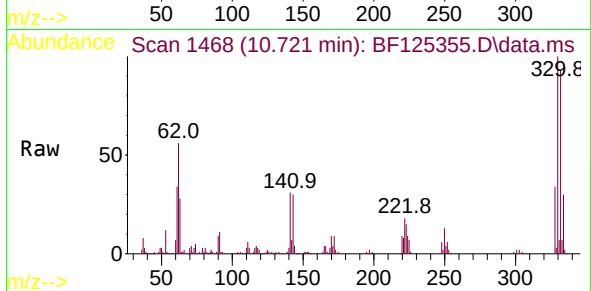
Tgt Ion: 164 Resp: 338479
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 46.0 38.0 57.0



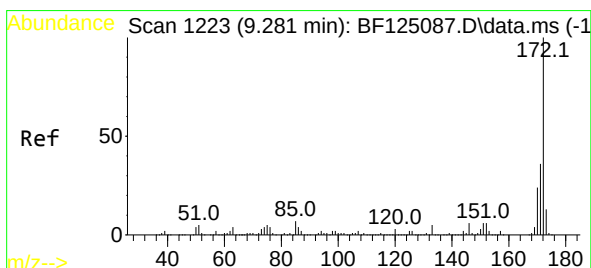
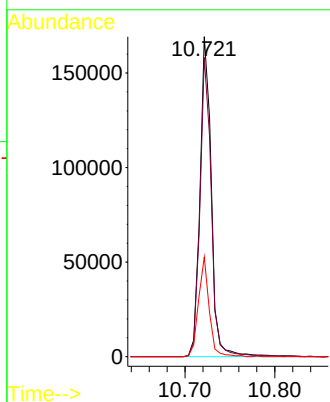
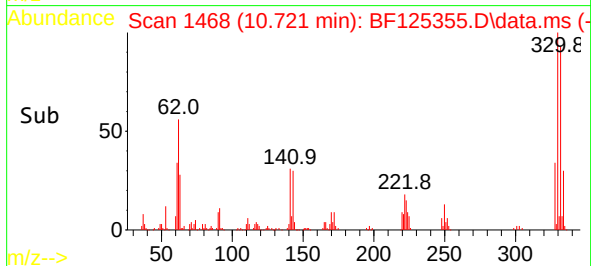


#42
2,4,6-Tribromophenol
Concen: 43.882 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

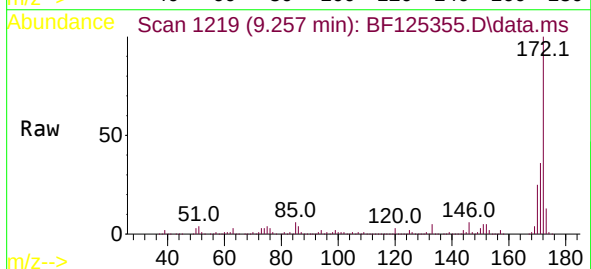
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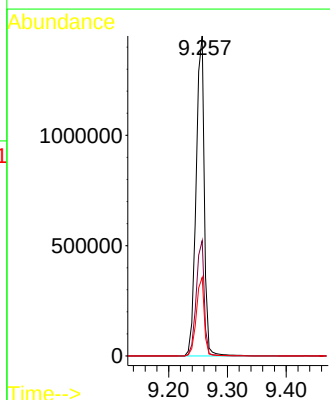
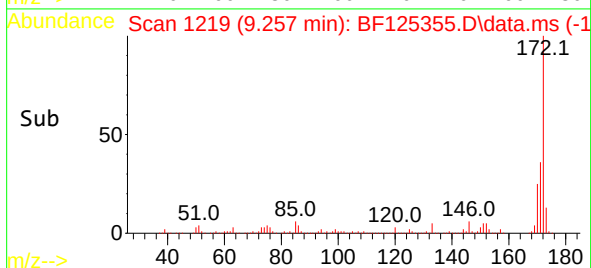
Tgt Ion:330 Resp: 148268
Ion Ratio Lower Upper
330 100
332 93.1 76.2 114.4
141 29.4 44.6 66.8#

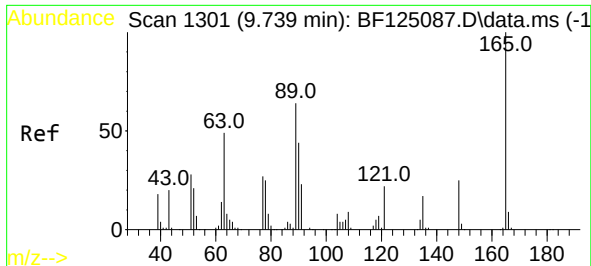


#45
2-Fluorobiphenyl
Concen: 57.679 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49



Tgt Ion:172 Resp: 1400787
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.6 18.8 28.2

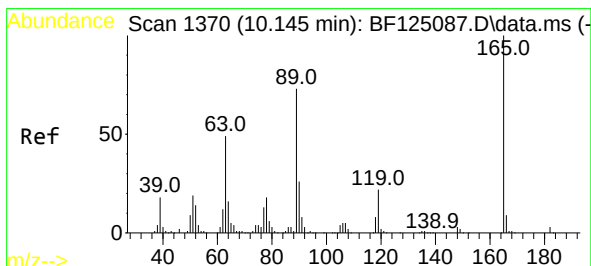
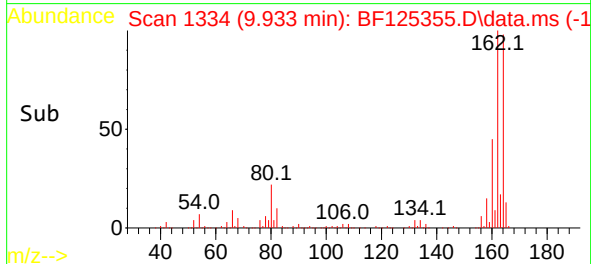
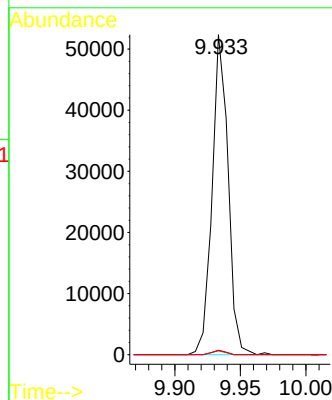
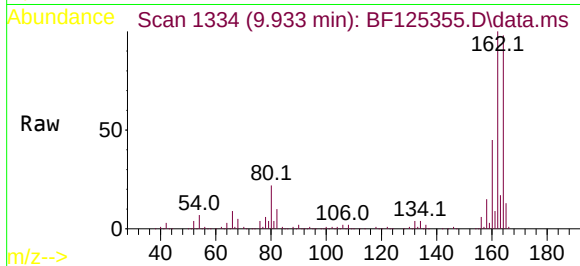




#51
2,6-Dinitrotoluene
Concen: 8.734 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

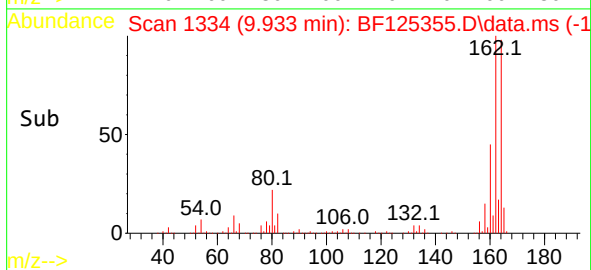
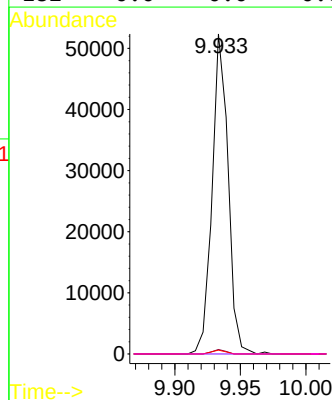
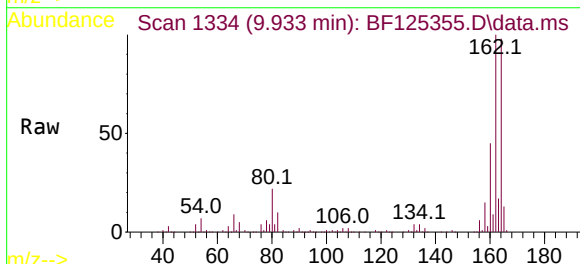
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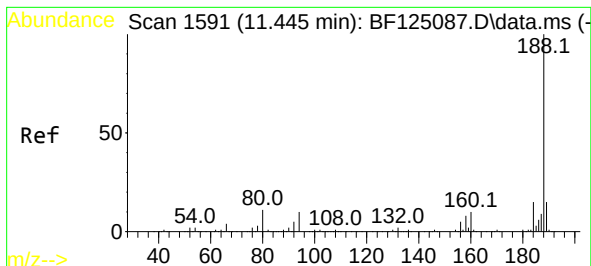
Tgt Ion:165 Resp: 44422
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.216 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

Tgt Ion:165 Resp: 44422
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

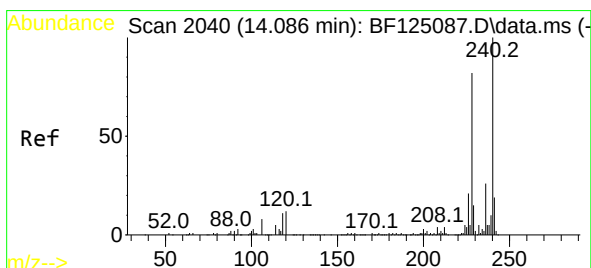
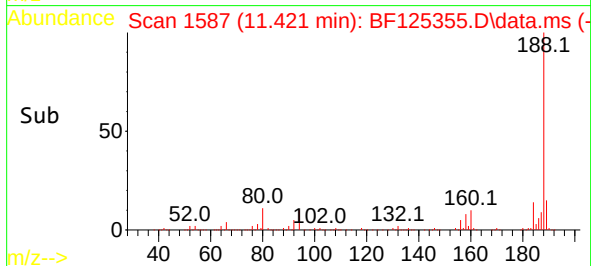
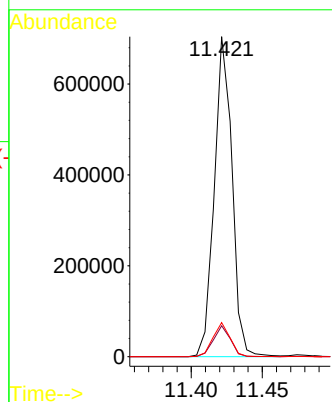
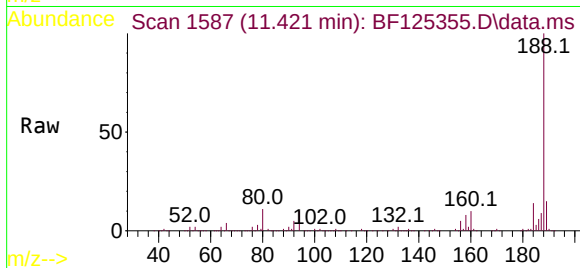




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

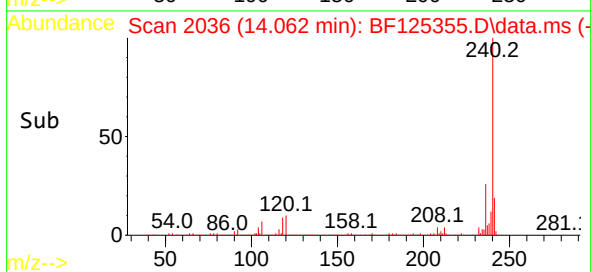
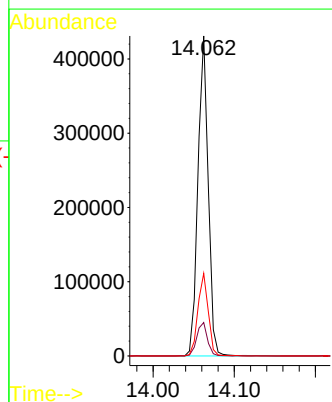
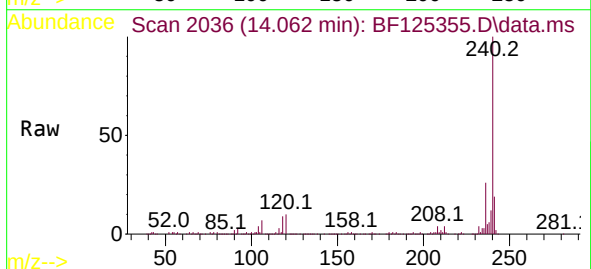
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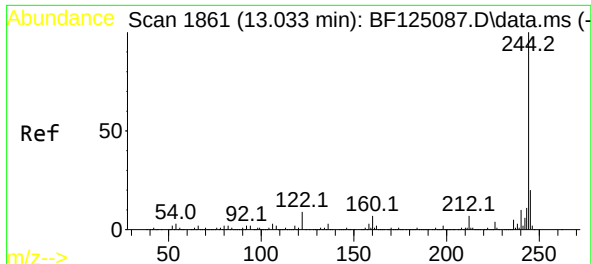
Tgt Ion:188 Resp: 610938
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

Tgt Ion:240 Resp: 380848
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 25.8 21.6 32.4

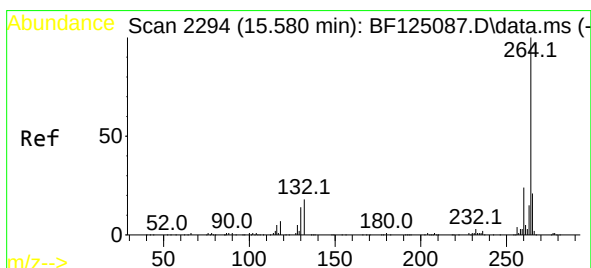
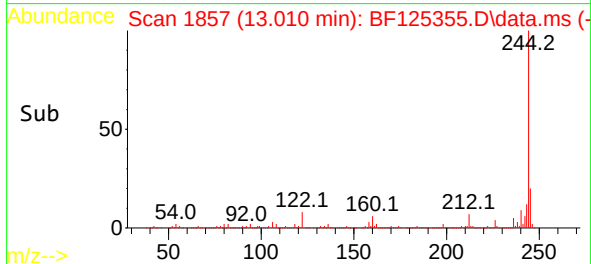
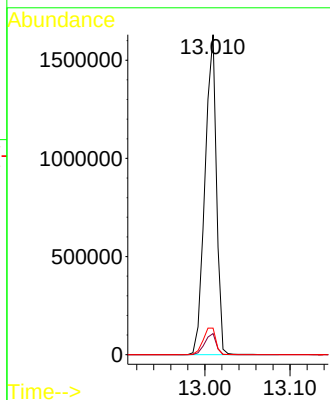
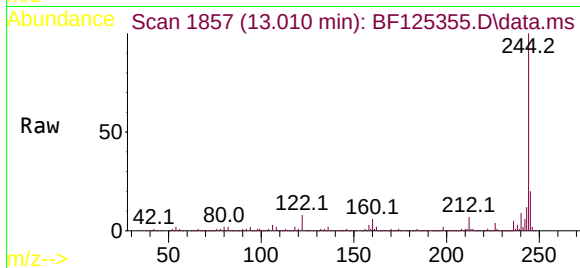




#79
Terphenyl-d14
Concen: 63.692 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

Instrument :
BNA_F
ClientSampleId :
PIERS-COMP

Tgt Ion:244 Resp: 1522641
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.3 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BF125355.D
Acq: 3 Sep 2021 19:49

Tgt Ion:264 Resp: 339190
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 20.7 17.2 25.8

