

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125103.D
 Acq On : 18 Aug 2021 23:32
 Operator : JU/CG
 Sample : M3449-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5

Quant Time: Aug 19 06:49:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

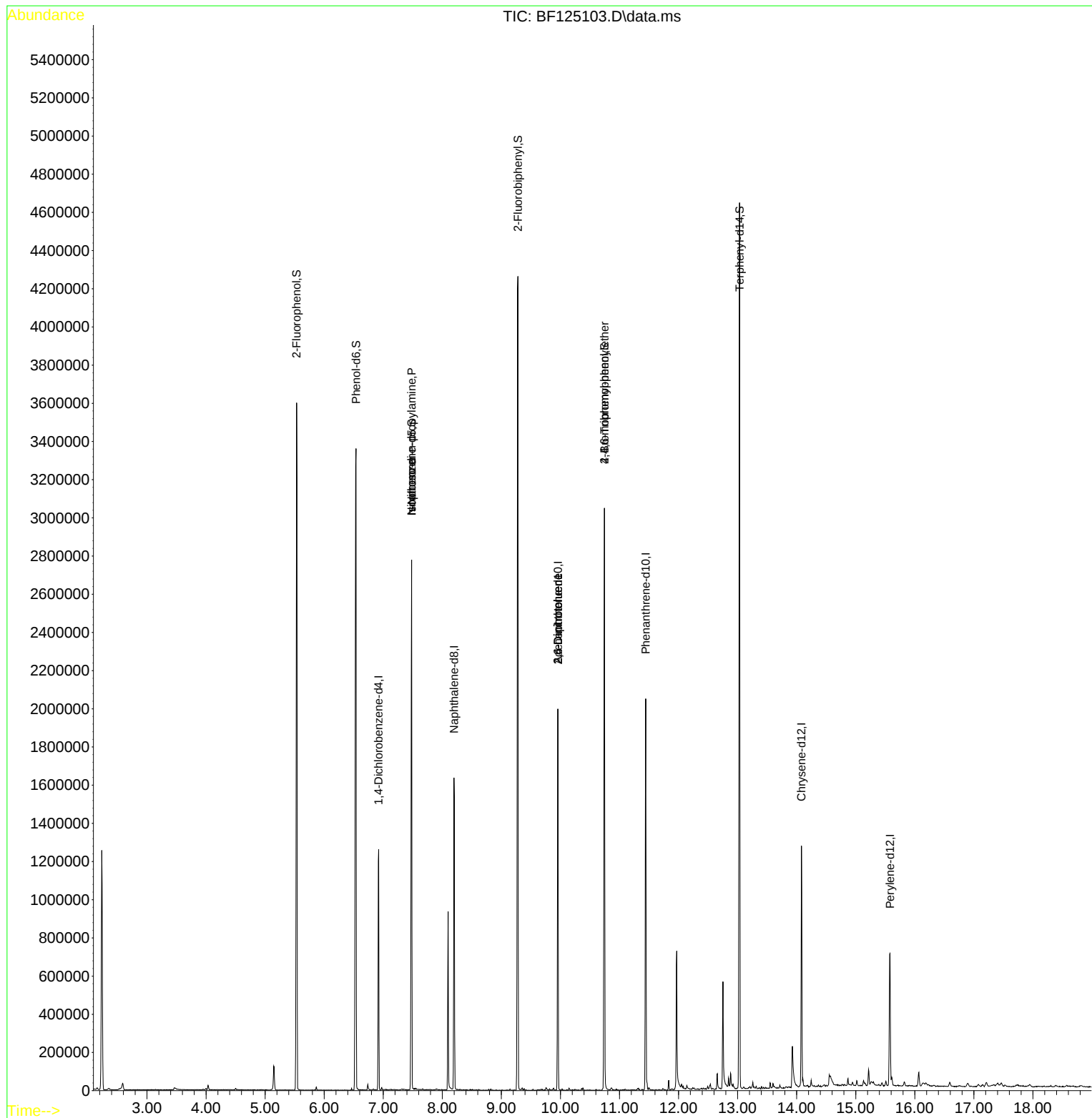
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	178988	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	708366	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	380645	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	680003	20.000	ng	0.00
76) Chrysene-d12	14.080	240	419223	20.000	ng	0.00
86) Perylene-d12	15.580	264	323072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	975657	82.506	ng	0.00
7) Phenol-d6	6.539	99	1259046	82.323	ng	0.00
23) Nitrobenzene-d5	7.481	82	830988	59.059	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	356160	93.734	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1460550	53.478	ng	0.00
79) Terphenyl-d14	13.033	244	1591691	60.486	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	111602	12.132	ng	# 59
25) Isophorone	7.481	82	830978	30.614	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	48731	8.520	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	48731	7.039	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	21830	2.673	ng	# 1

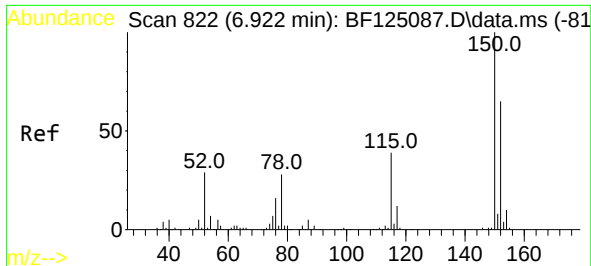
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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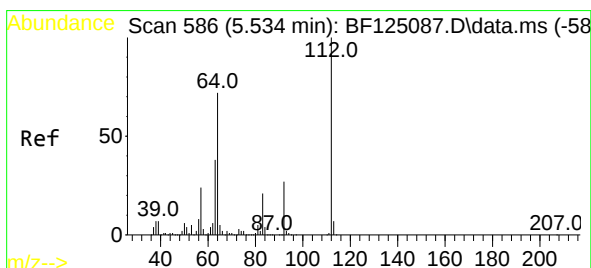
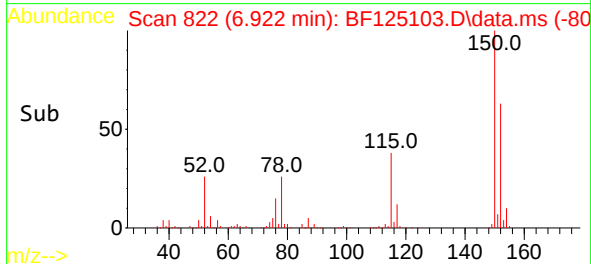
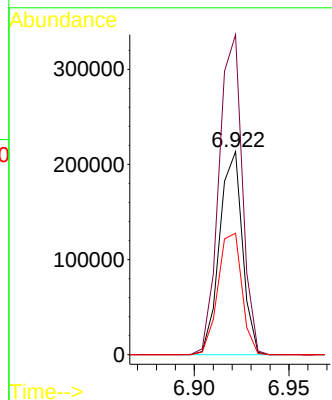
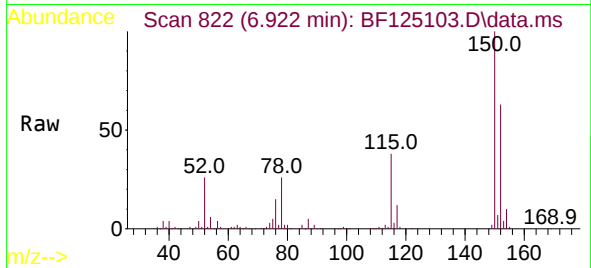




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

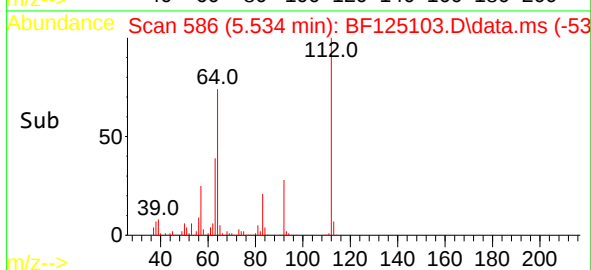
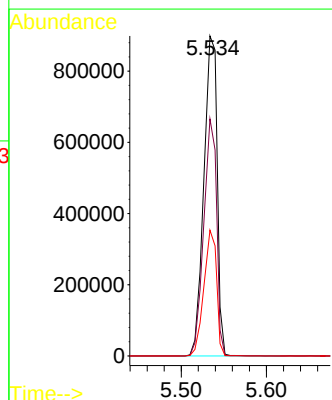
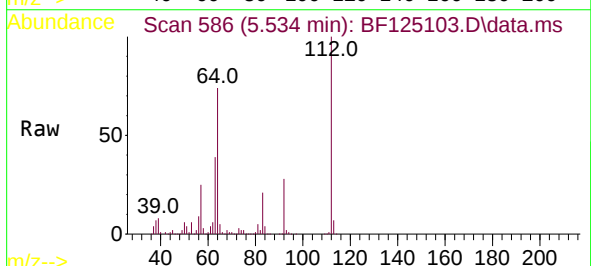
Instrument :
BNA_F
ClientSampleId :
TP5

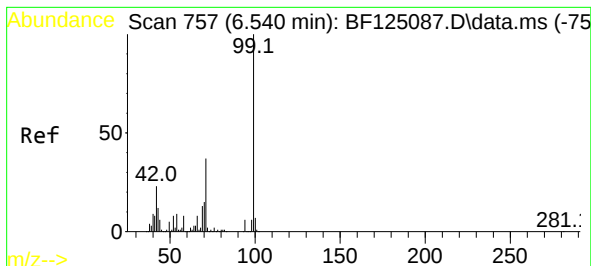
Tgt Ion:152 Resp: 178988
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 82.506 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion:112 Resp: 975657
Ion Ratio Lower Upper
112 100
64 74.1 44.2 66.2#
63 39.3 26.2 39.2#

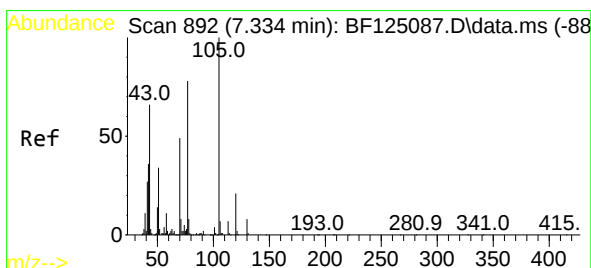
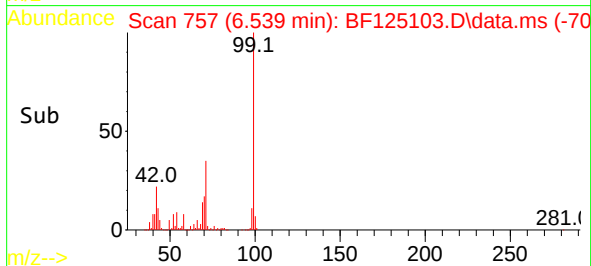
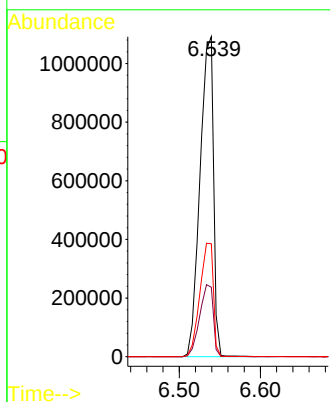
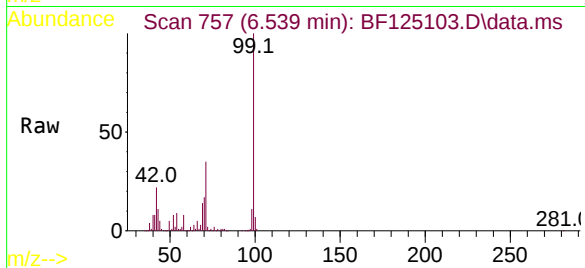




#7
Phenol-d6
Concen: 82.323 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

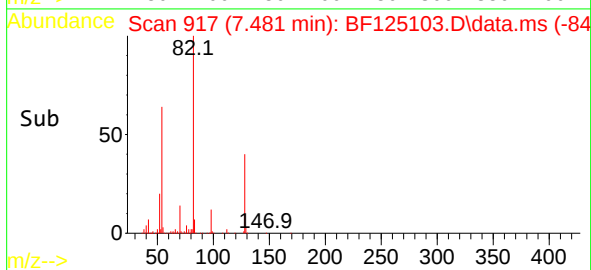
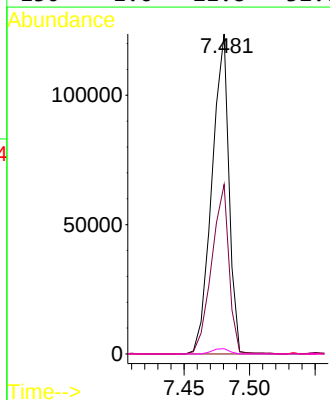
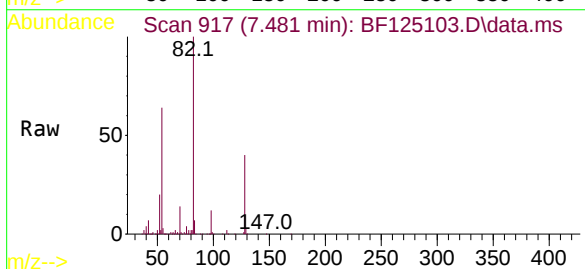
Instrument :
BNA_F
ClientSampleId :
TP5

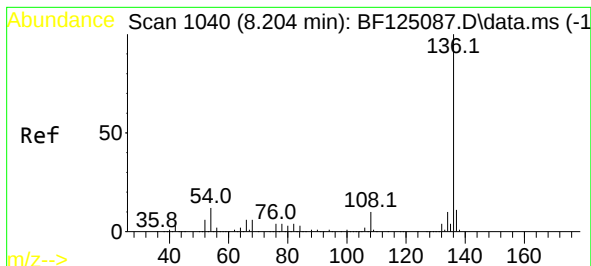
Tgt Ion: 99 Resp: 1259046
Ion Ratio Lower Upper
99 100
42 21.7 23.5 35.3#
71 35.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.132 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion: 70 Resp: 111602
Ion Ratio Lower Upper
70 100
42 53.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

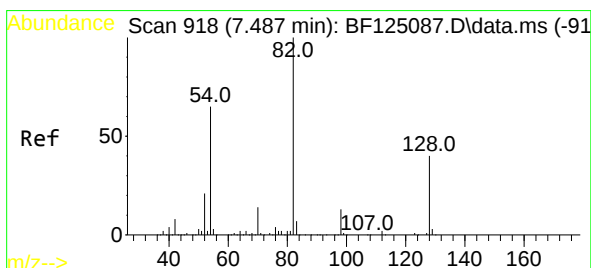
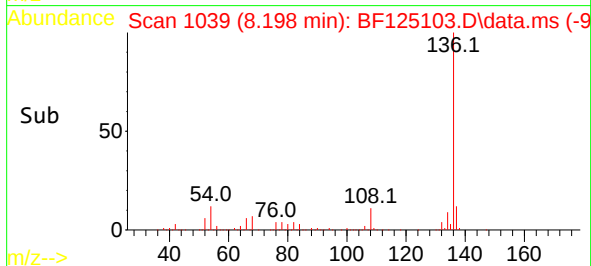
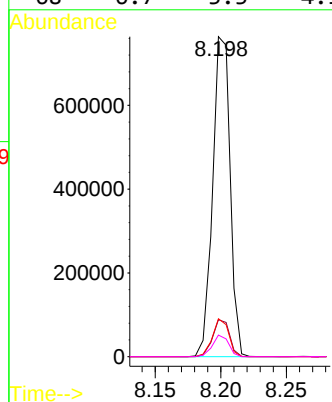
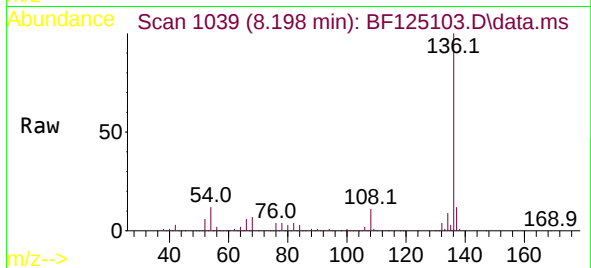




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

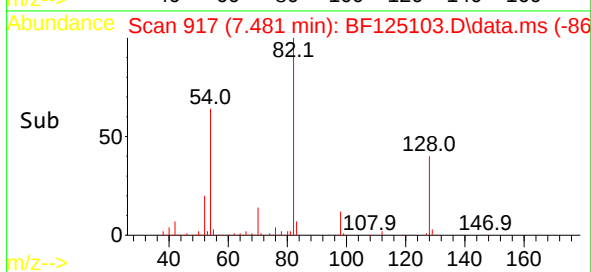
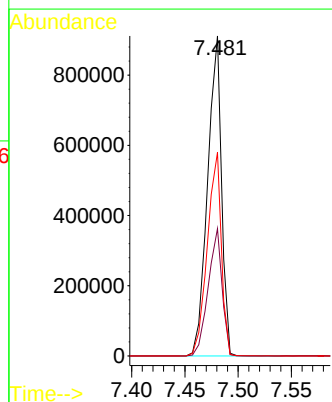
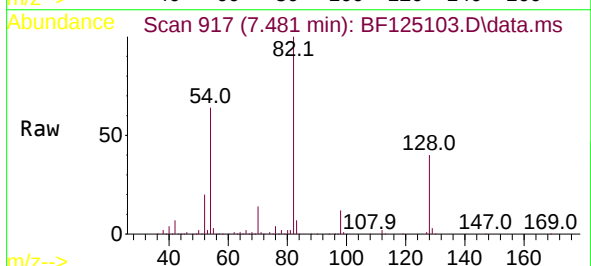
Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:136 Resp: 708366
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.6
54 11.8 6.4 9.6#
68 6.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 59.059 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion: 82 Resp: 830988
Ion Ratio Lower Upper
82 100
128 39.8 40.6 60.8#
54 63.6 49.6 74.4

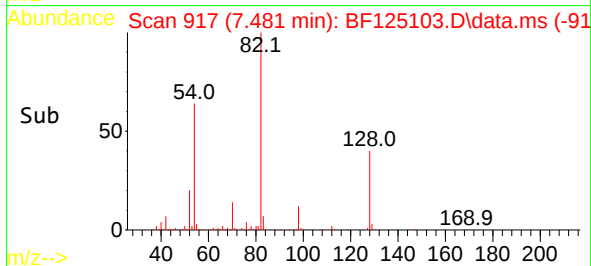
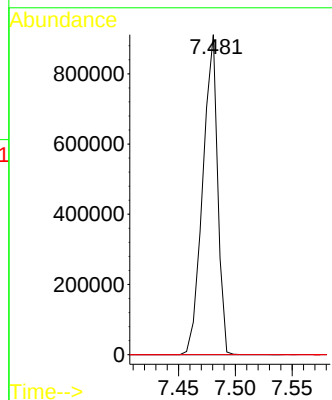
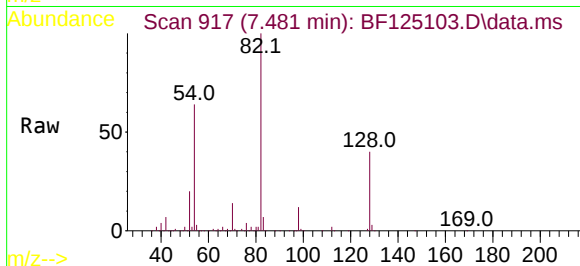




#25
Isophorone
Concen: 30.614 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

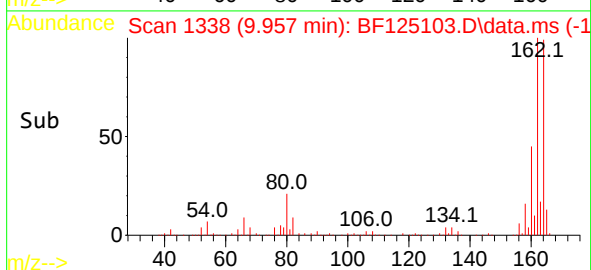
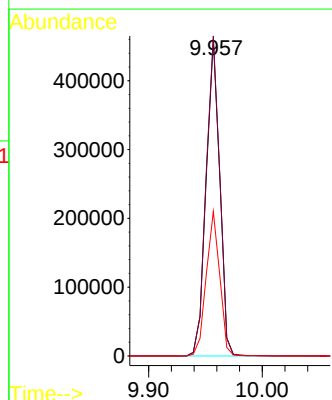
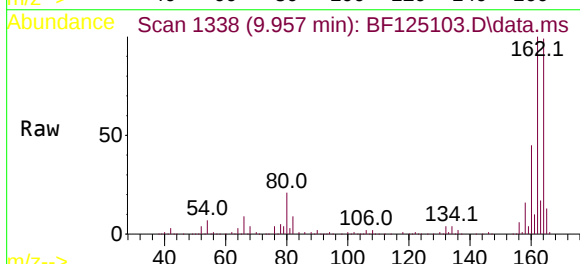
Instrument :
BNA_F
ClientSampleId :
TP5

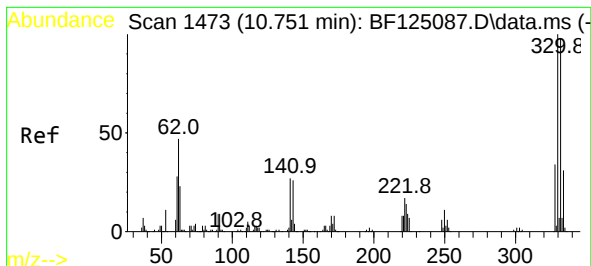
Tgt Ion: 82 Resp: 830978
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion:164 Resp: 380645
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.6 38.0 57.0

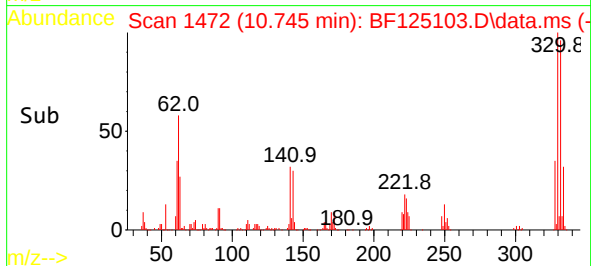
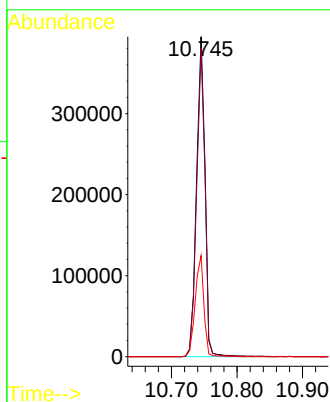
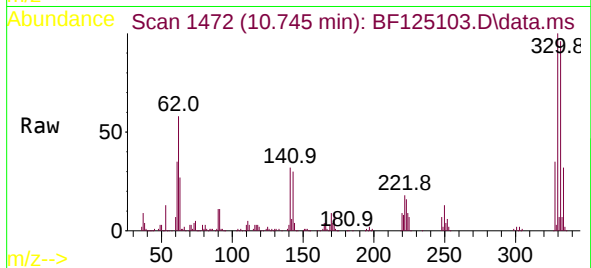




#42
2,4,6-Tribromophenol
Concen: 93.734 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

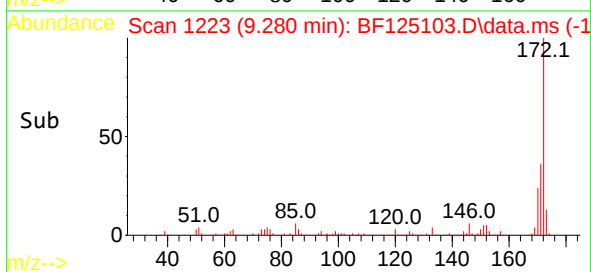
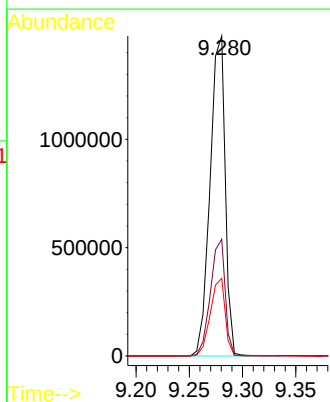
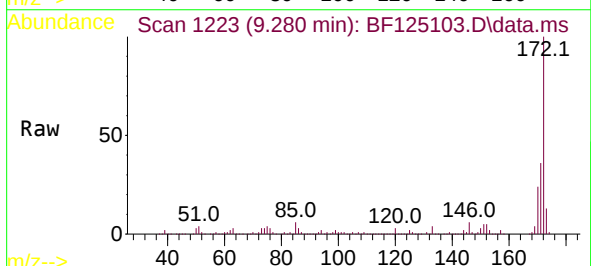
Instrument :
BNA_F
ClientSampleId :
TP5

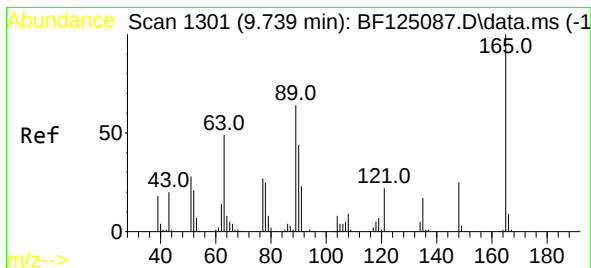
Tgt Ion: 330 Resp: 356160
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.478 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion: 172 Resp: 1460550
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 24.3 18.8 28.2

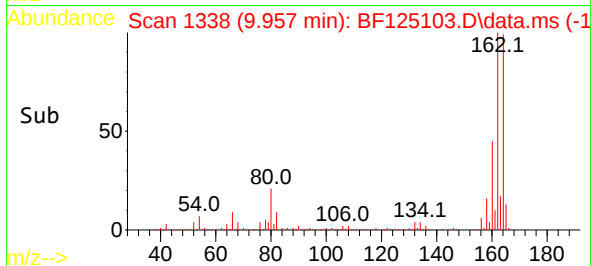
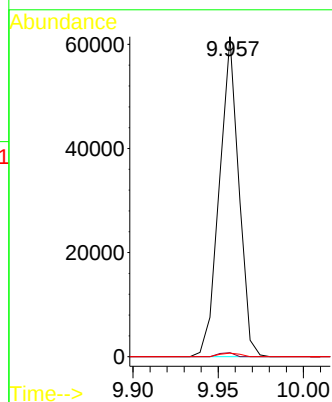
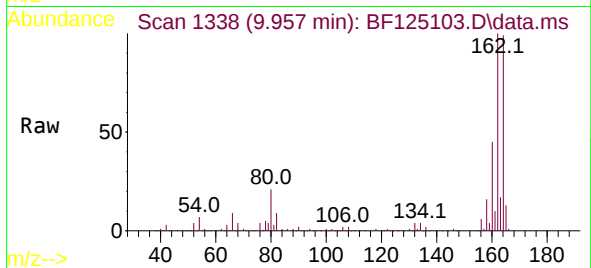




#51
2,6-Dinitrotoluene
Concen: 8.520 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

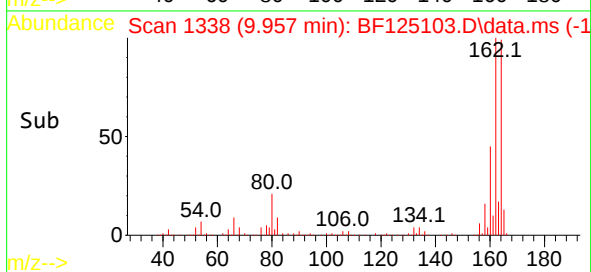
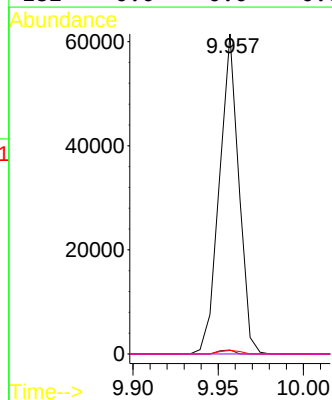
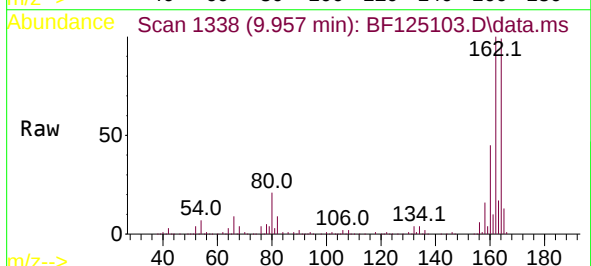
Instrument :
BNA_F
ClientSampled :
TP5

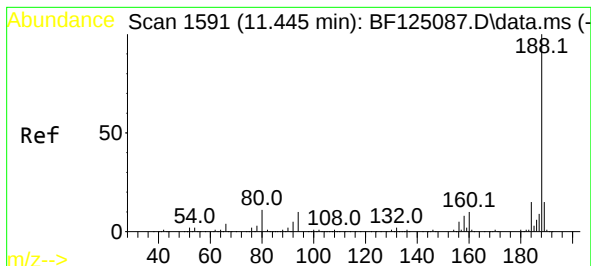
Tgt Ion:165 Resp: 48731
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.039 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion:165 Resp: 48731
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

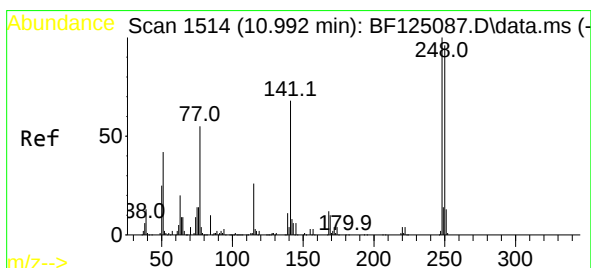
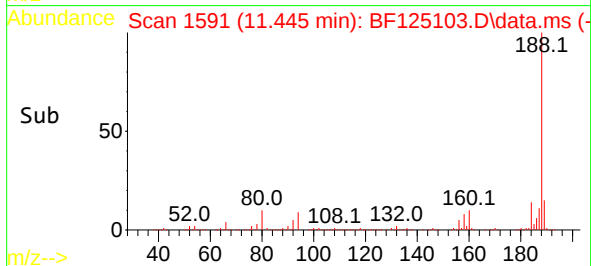
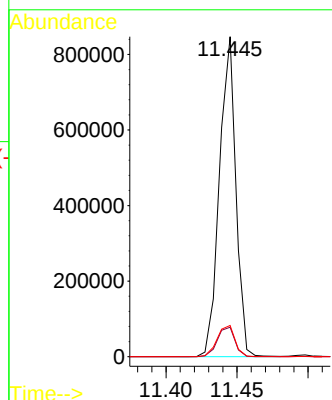
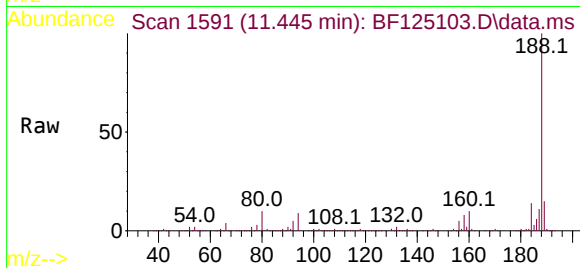




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

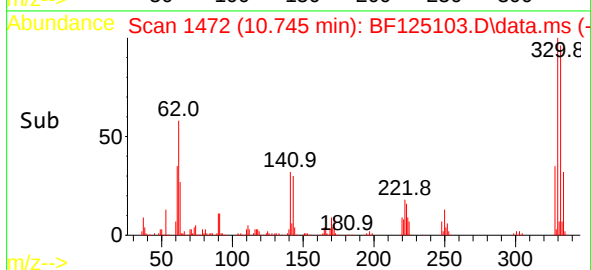
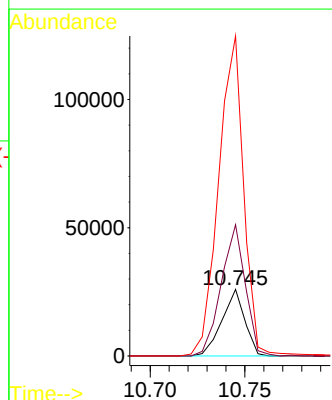
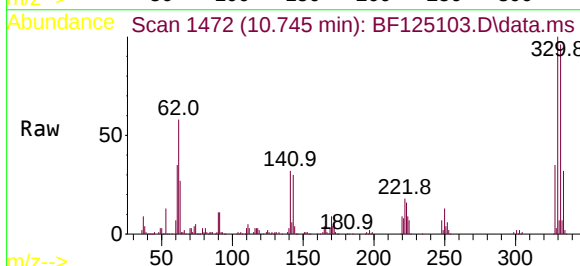
Instrument :
BNA_F
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TP5

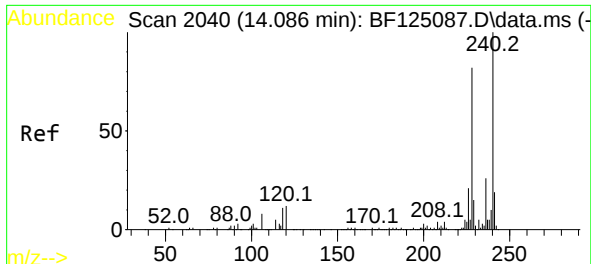
Tgt Ion:188 Resp: 680003
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.673 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion:248 Resp: 21830
Ion Ratio Lower Upper
248 100
250 197.3 74.2 111.4#
141 481.2 60.4 90.6#

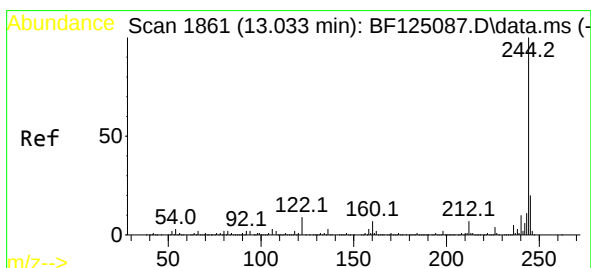
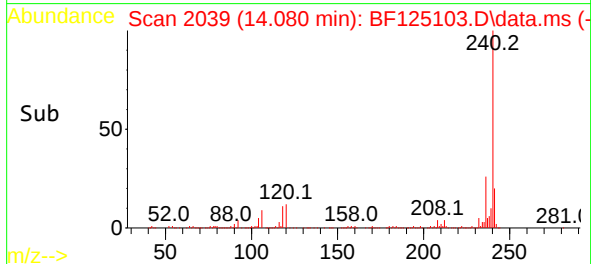
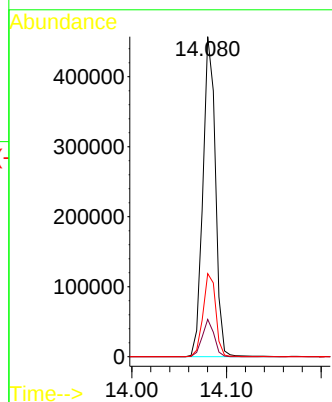
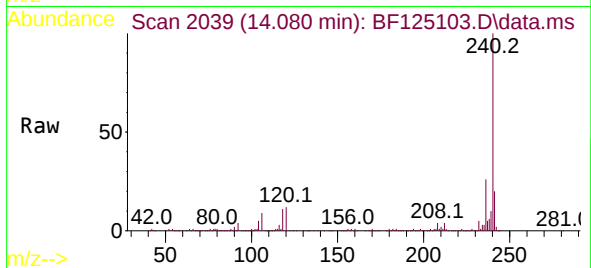




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

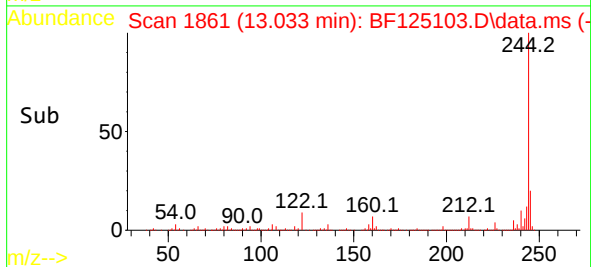
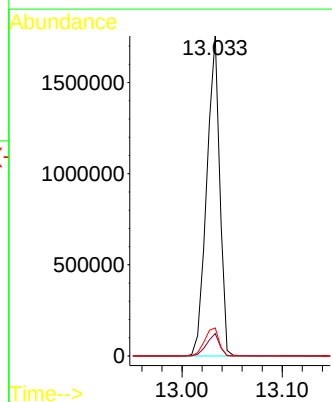
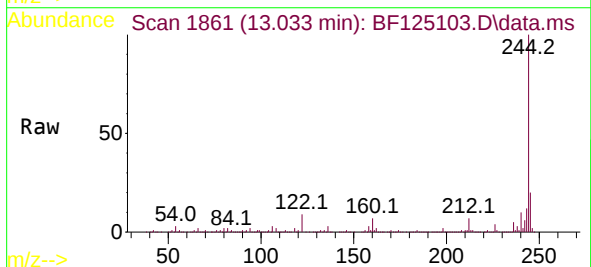
Instrument :
BNA_F
ClientSampleId :
TP5

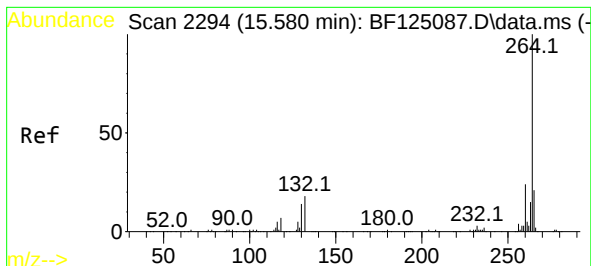
Tgt Ion:240 Resp: 419223
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 60.486 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Tgt Ion:244 Resp: 1591691
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF125103.D
Acq: 18 Aug 2021 23:32

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:264 Resp: 323072
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 20.9 17.2 25.8

