

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125138.D
 Acq On : 20 Aug 2021 16:57
 Operator : JU/CG
 Sample : M3465-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-B

Quant Time: Aug 20 18:33:29 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

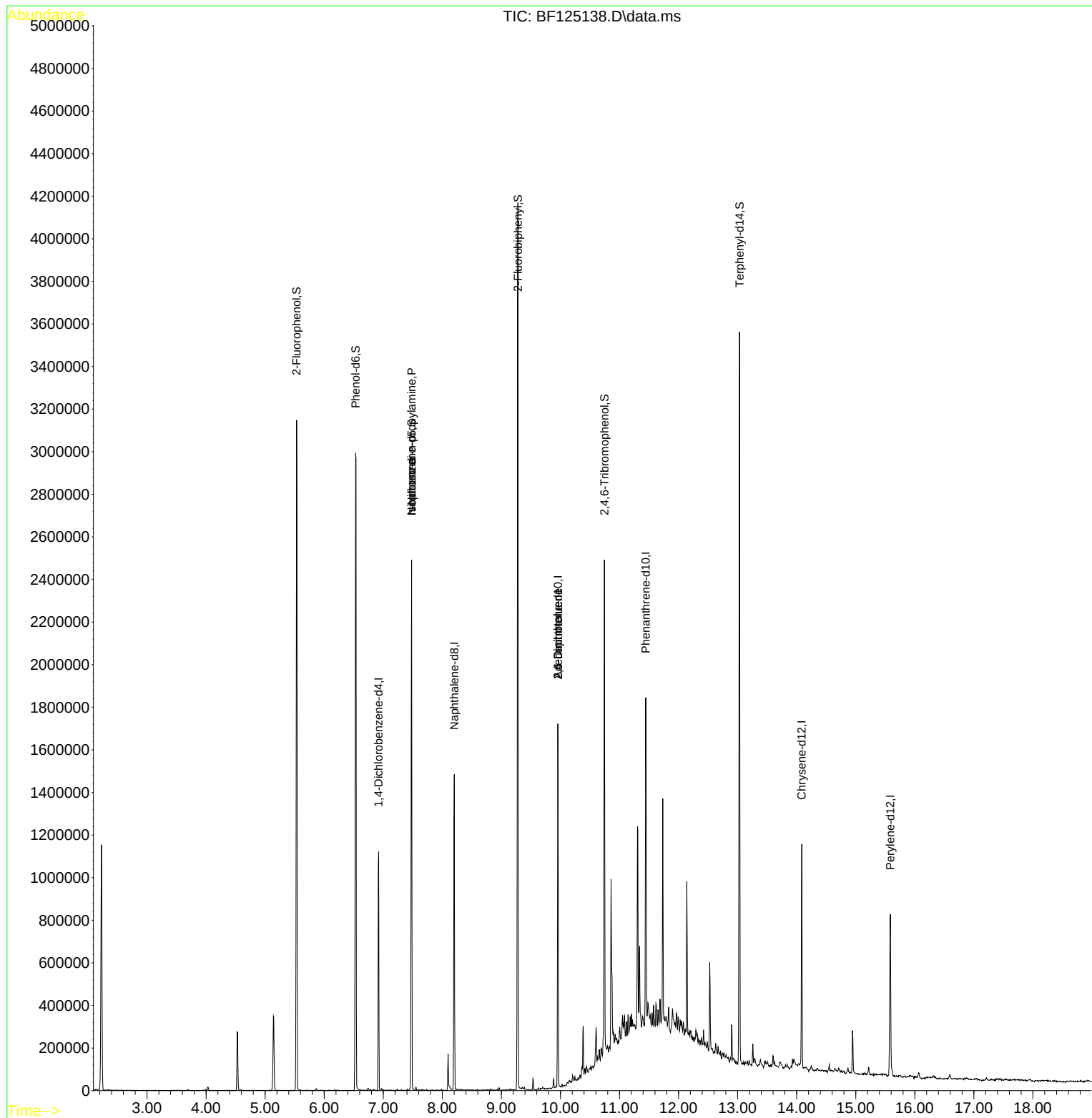
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	159638	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	618566	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	324326	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	530679	20.000	ng	0.00
76) Chrysene-d12	14.086	240	337629	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	338791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	816090	77.377	ng	0.00
7) Phenol-d6	6.534	99	1049631	76.950	ng	0.00
23) Nitrobenzene-d5	7.481	82	706400	57.493	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	252238	77.912	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1296583	55.718	ng	0.00
79) Terphenyl-d14	13.033	244	1177626	55.566	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	96685	11.784	ng	# 60
25) Isophorone	7.481	82	703341	29.673	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	43785	8.984	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43785	7.423	ng	# 19

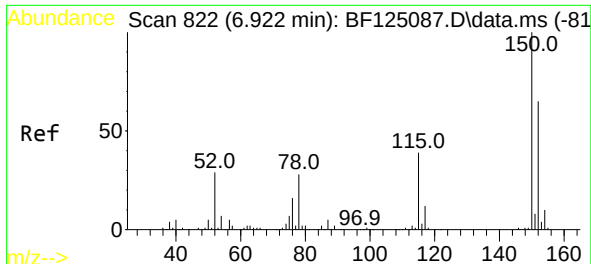
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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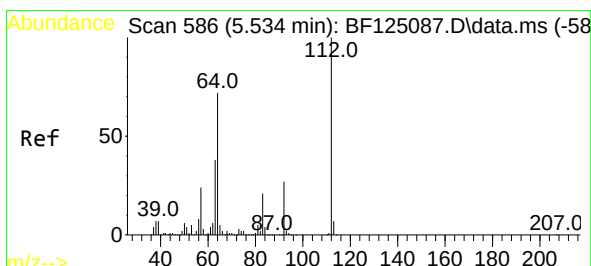
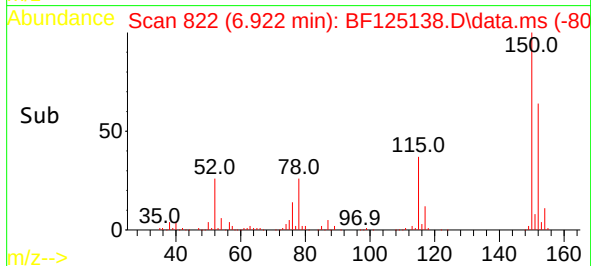
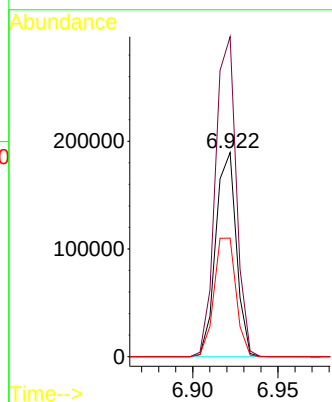
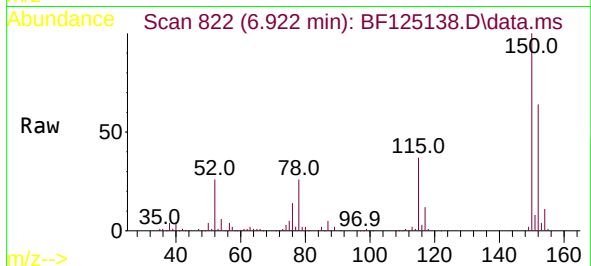




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

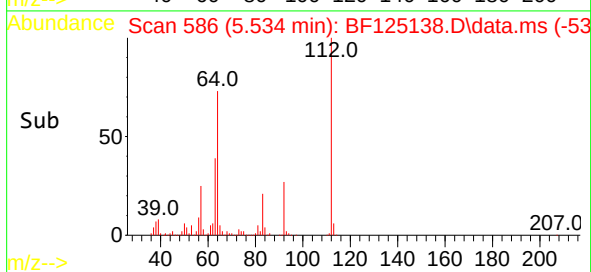
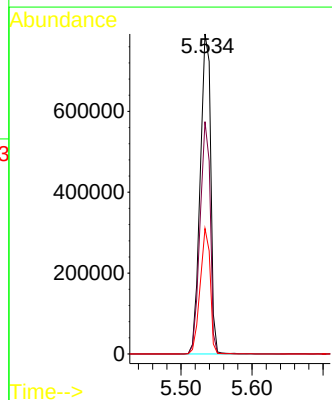
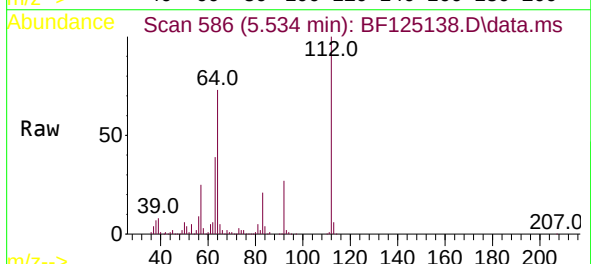
Instrument :
BNA_F
ClientSampled :
CON-B

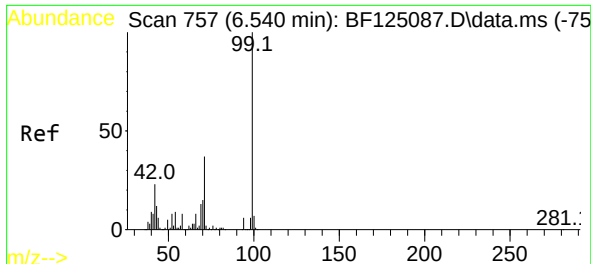
Tgt Ion:152 Resp: 159638
Ion Ratio Lower Upper
152 100
150 156.7 117.6 176.4
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 77.377 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Tgt Ion:112 Resp: 816090
Ion Ratio Lower Upper
112 100
64 72.6 44.2 66.2#
63 39.2 26.2 39.2

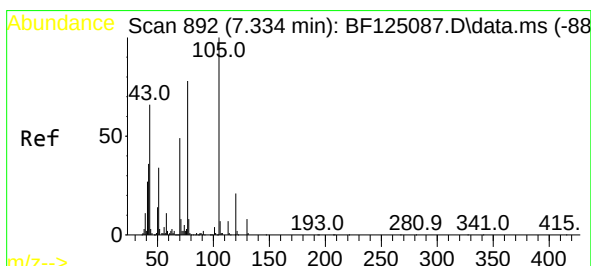
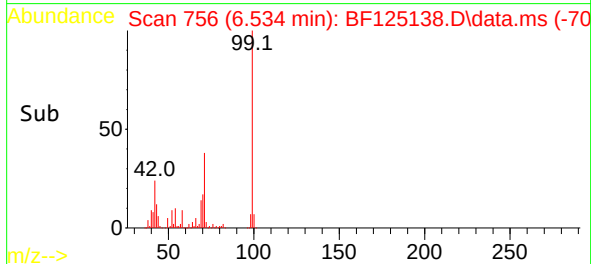
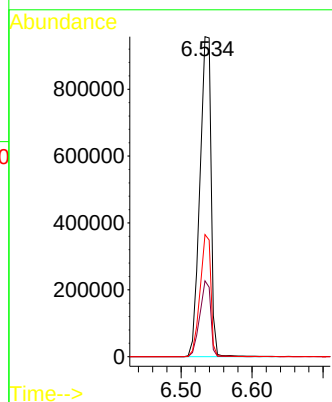
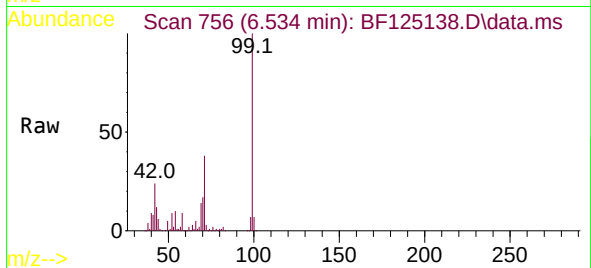




#7
Phenol-d6
Concen: 76.950 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

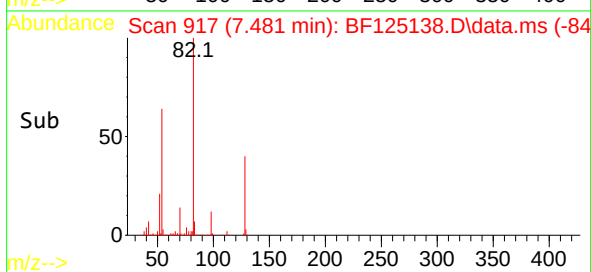
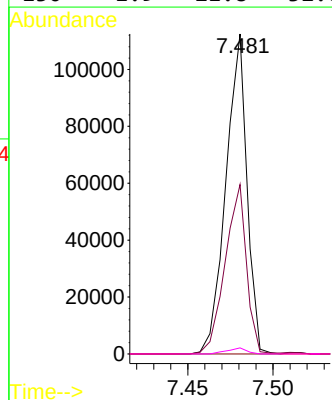
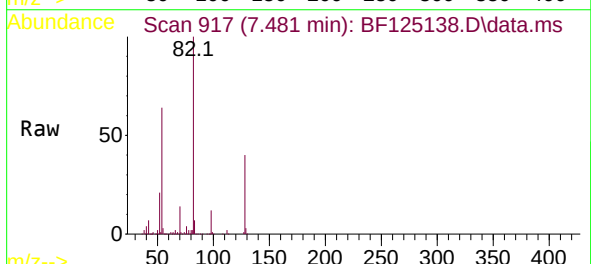
Instrument :
BNA_F
ClientSampleId :
CON-B

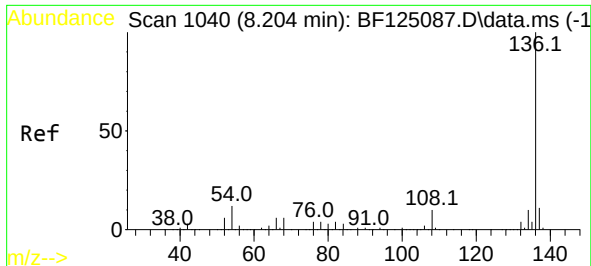
Tgt Ion: 99 Resp: 1049631
Ion Ratio Lower Upper
99 100
42 23.7 23.5 35.3
71 38.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.784 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Tgt Ion: 70 Resp: 96685
Ion Ratio Lower Upper
70 100
42 52.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

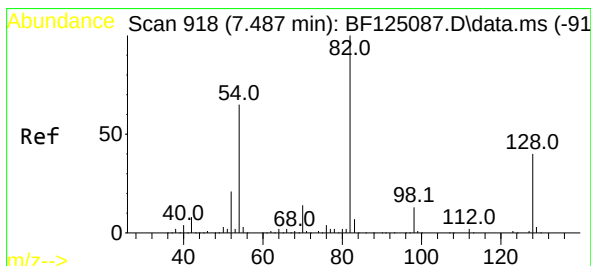
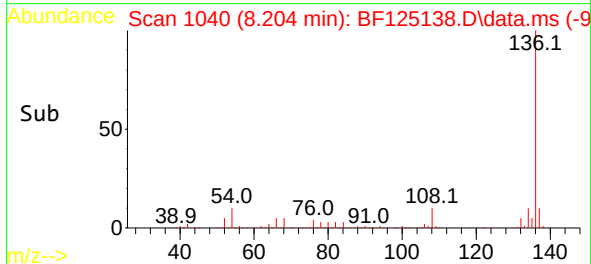
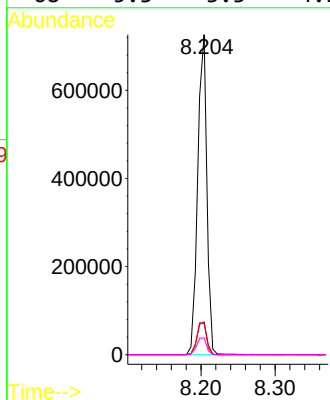
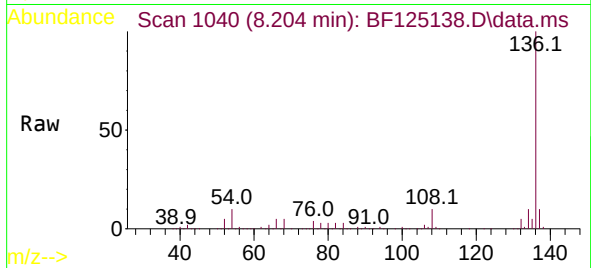




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

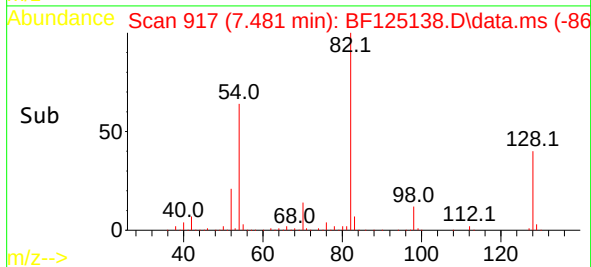
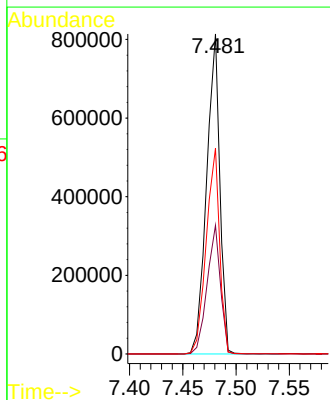
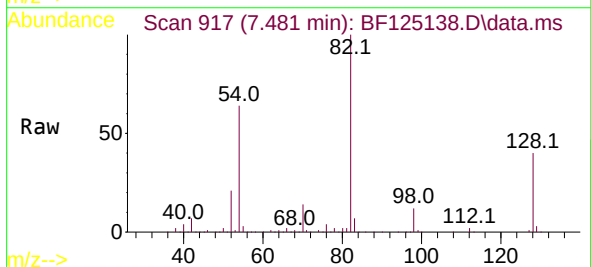
Instrument :
BNA_F
ClientSampleId :
CON-B

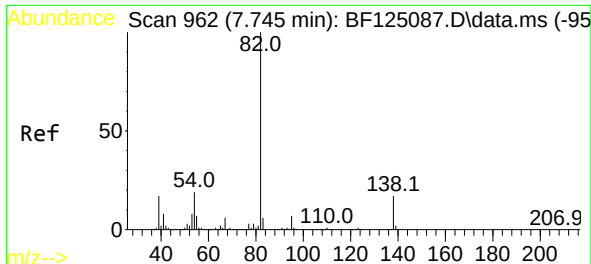
Tgt Ion:	136	Resp:	618566
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	9.8	6.4	9.6#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 57.493 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

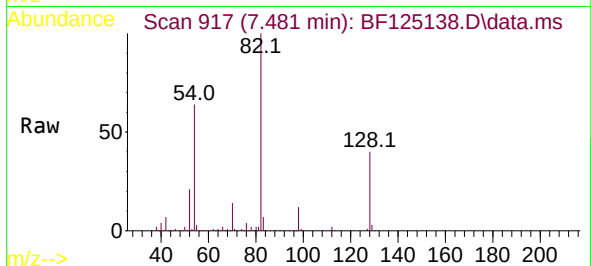
Tgt Ion:	82	Resp:	706400
Ion	Ratio	Lower	Upper
82	100		
128	40.2	40.6	60.8#
54	64.3	49.6	74.4



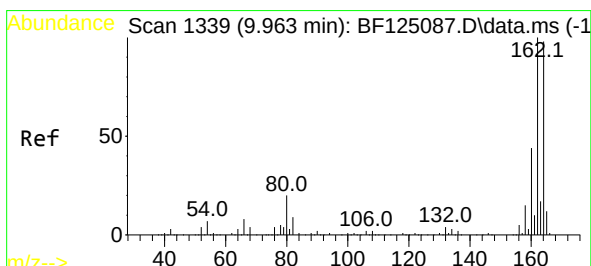
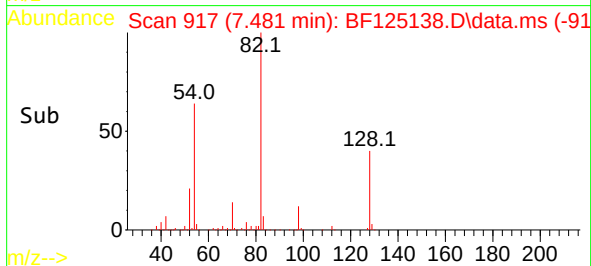
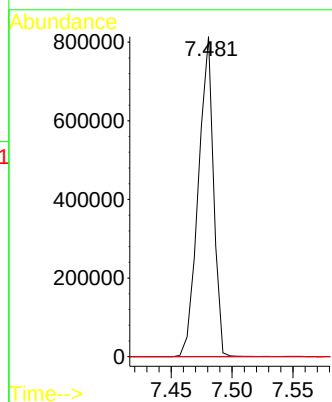


#25
Isophorone
Concen: 29.673 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Instrument :
BNA_F
ClientSampleId :
CON-B

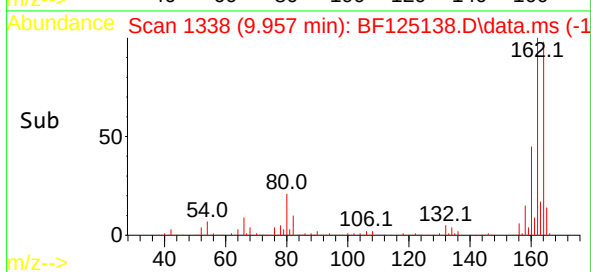
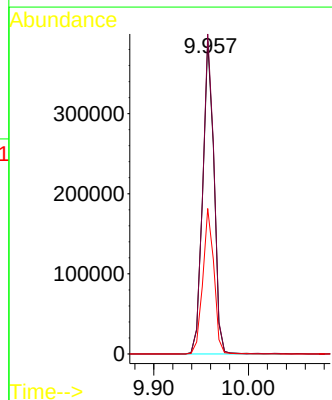
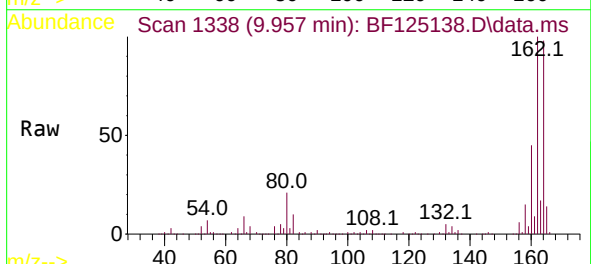


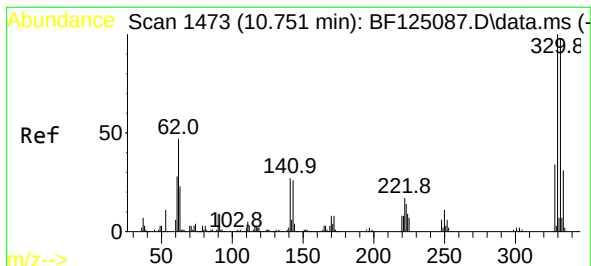
Tgt Ion: 82 Resp: 703341
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Tgt Ion: 164 Resp: 324326
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 46.5 38.0 57.0

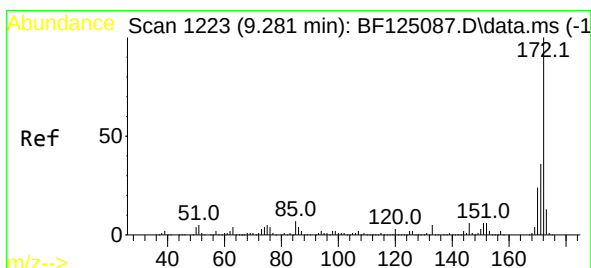
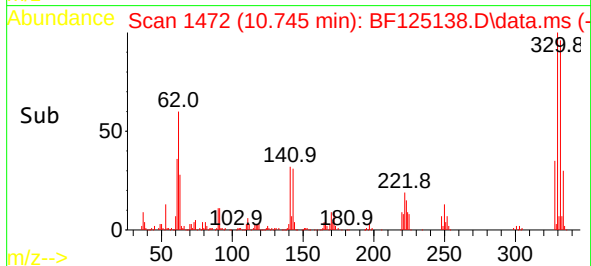
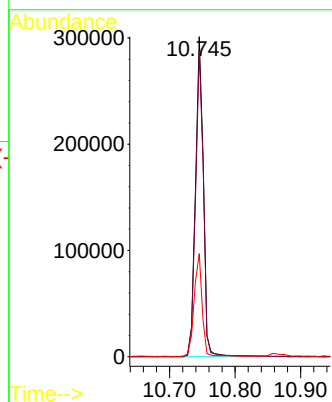
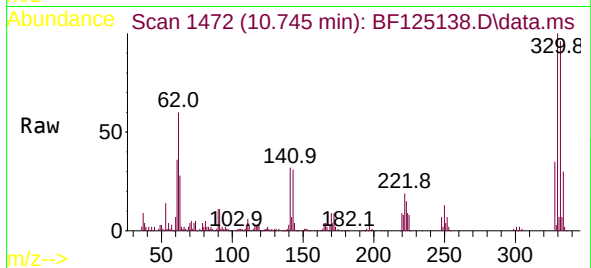




#42
2,4,6-Tribromophenol
Concen: 77.912 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

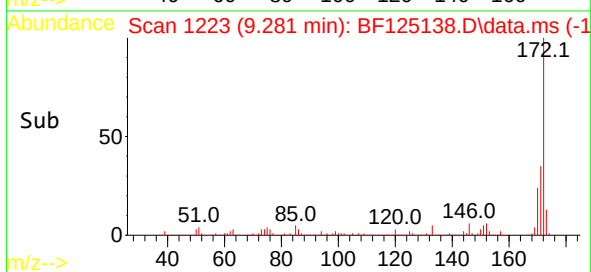
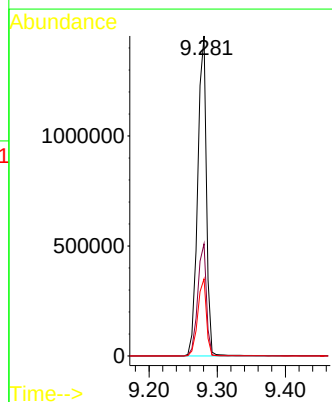
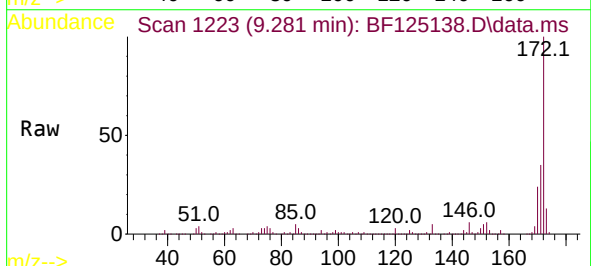
Instrument :
BNA_F
ClientSampled :
CON-B

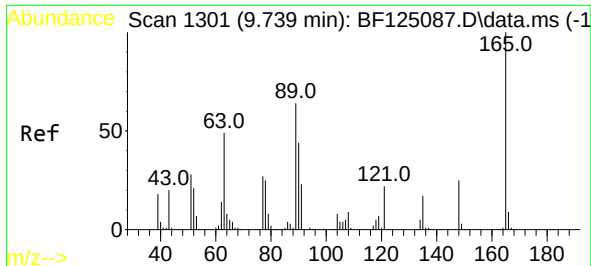
Tgt Ion: 330 Resp: 252238
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 33.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.718 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Tgt Ion: 172 Resp: 1296583
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 24.1 18.8 28.2

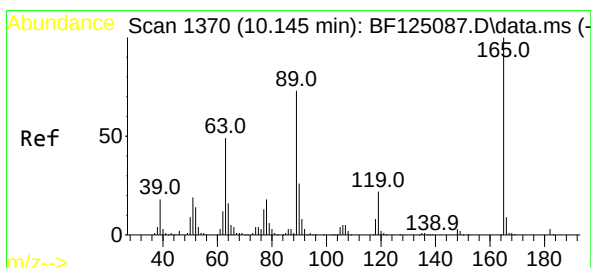
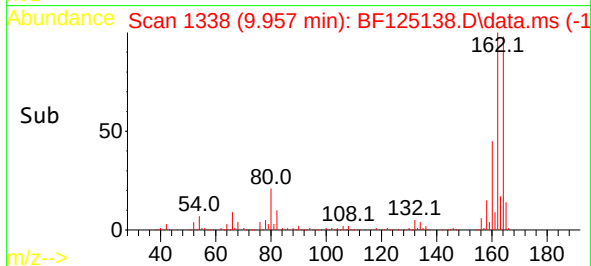
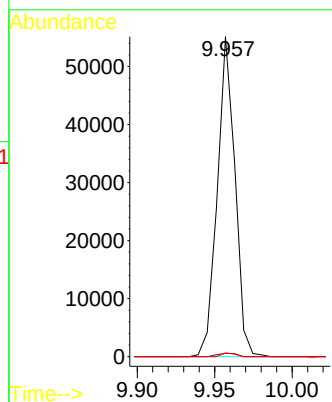
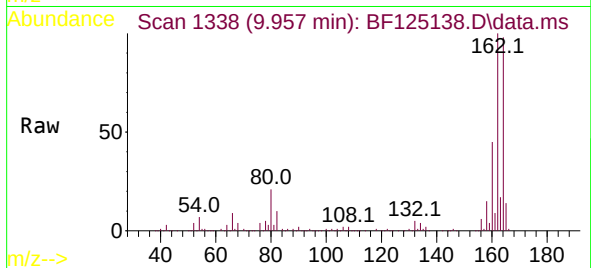




#51
2,6-Dinitrotoluene
Concen: 8.984 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

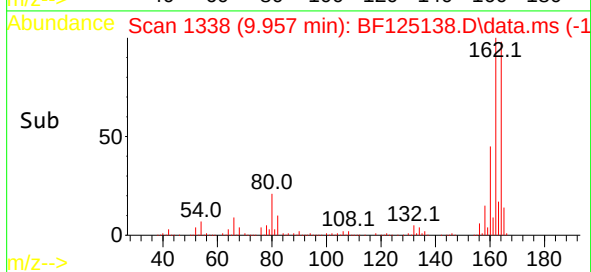
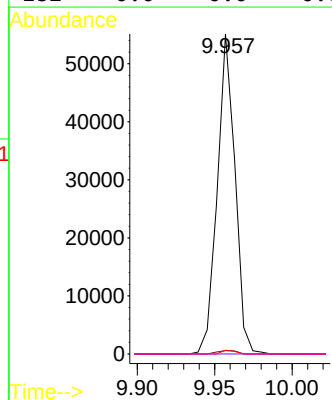
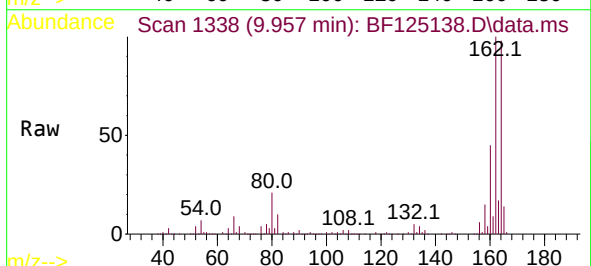
Instrument :
BNA_F
ClientSampled :
CON-B

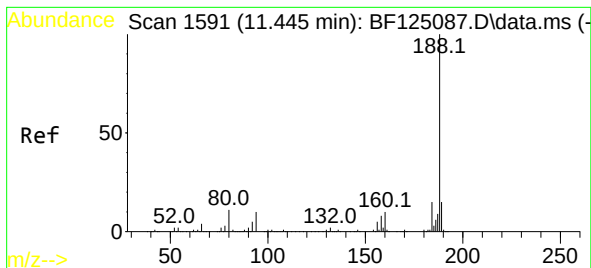
Tgt Ion:165 Resp: 43785
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.423 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Tgt Ion:165 Resp: 43785
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

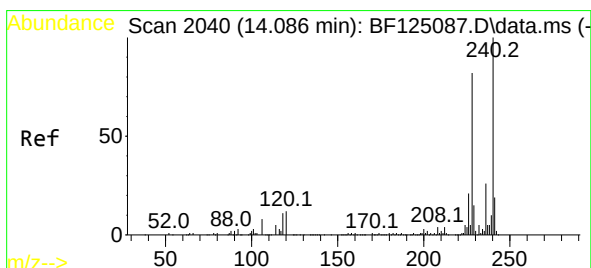
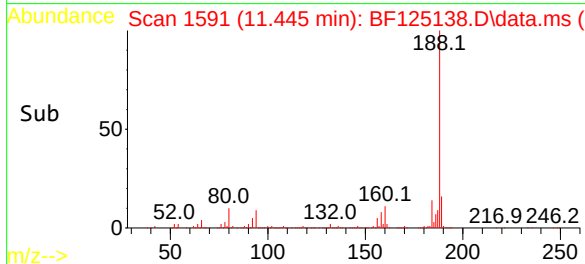
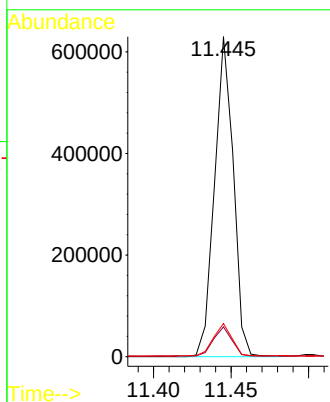
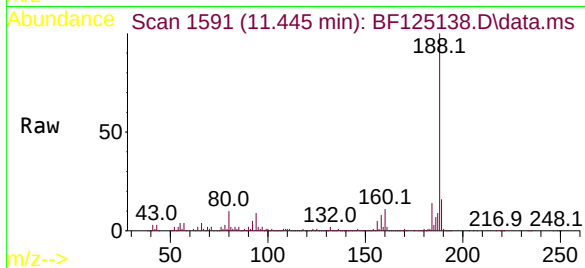




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

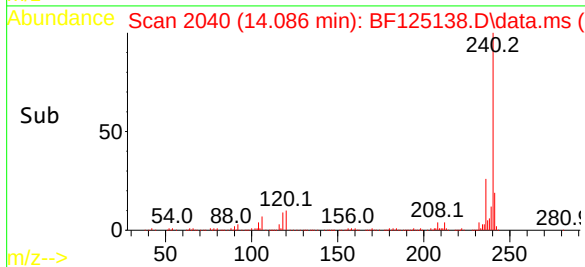
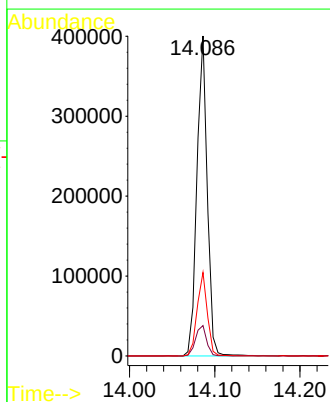
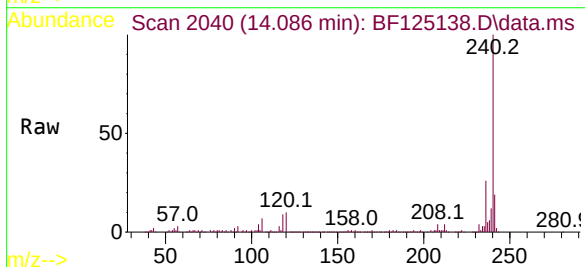
Instrument :
BNA_F
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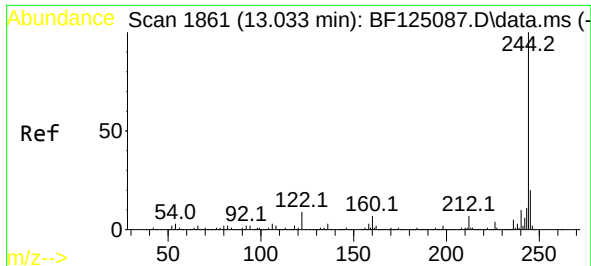
Tgt Ion:188 Resp: 530679
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

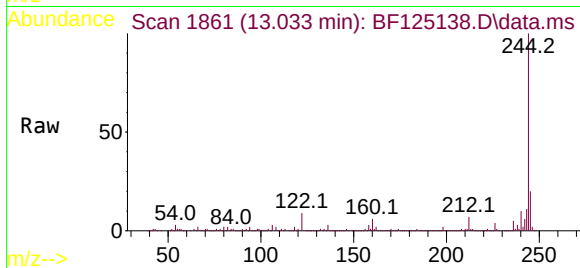
Tgt Ion:240 Resp: 337629
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 26.1 21.6 32.4



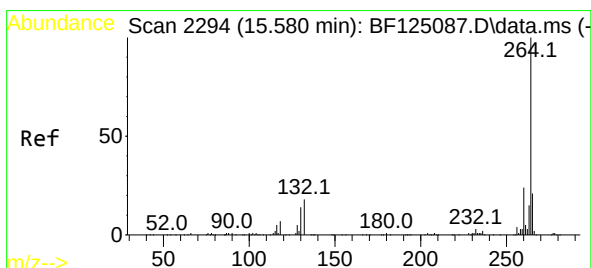
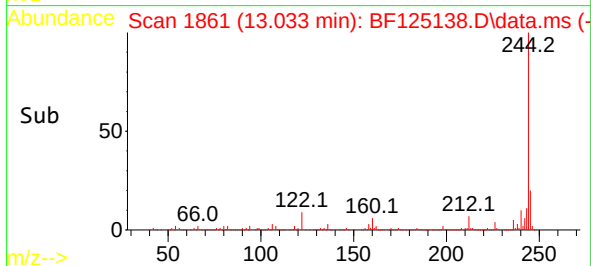
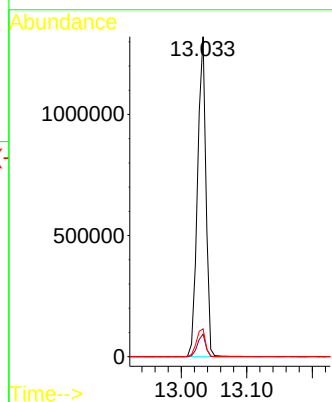


#79
Terphenyl-d14
Concen: 55.566 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Instrument :
BNA_F
ClientSampleId :
CON-B



Tgt Ion:244 Resp: 1177626
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.7 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF125138.D
Acq: 20 Aug 2021 16:57

Tgt Ion:264 Resp: 338791
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.2 25.8

