

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125941.D
 Acq On : 26 Oct 2021 19:01
 Operator : JU/CG
 Sample : M4340-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-ES

Quant Time: Oct 27 09:03:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

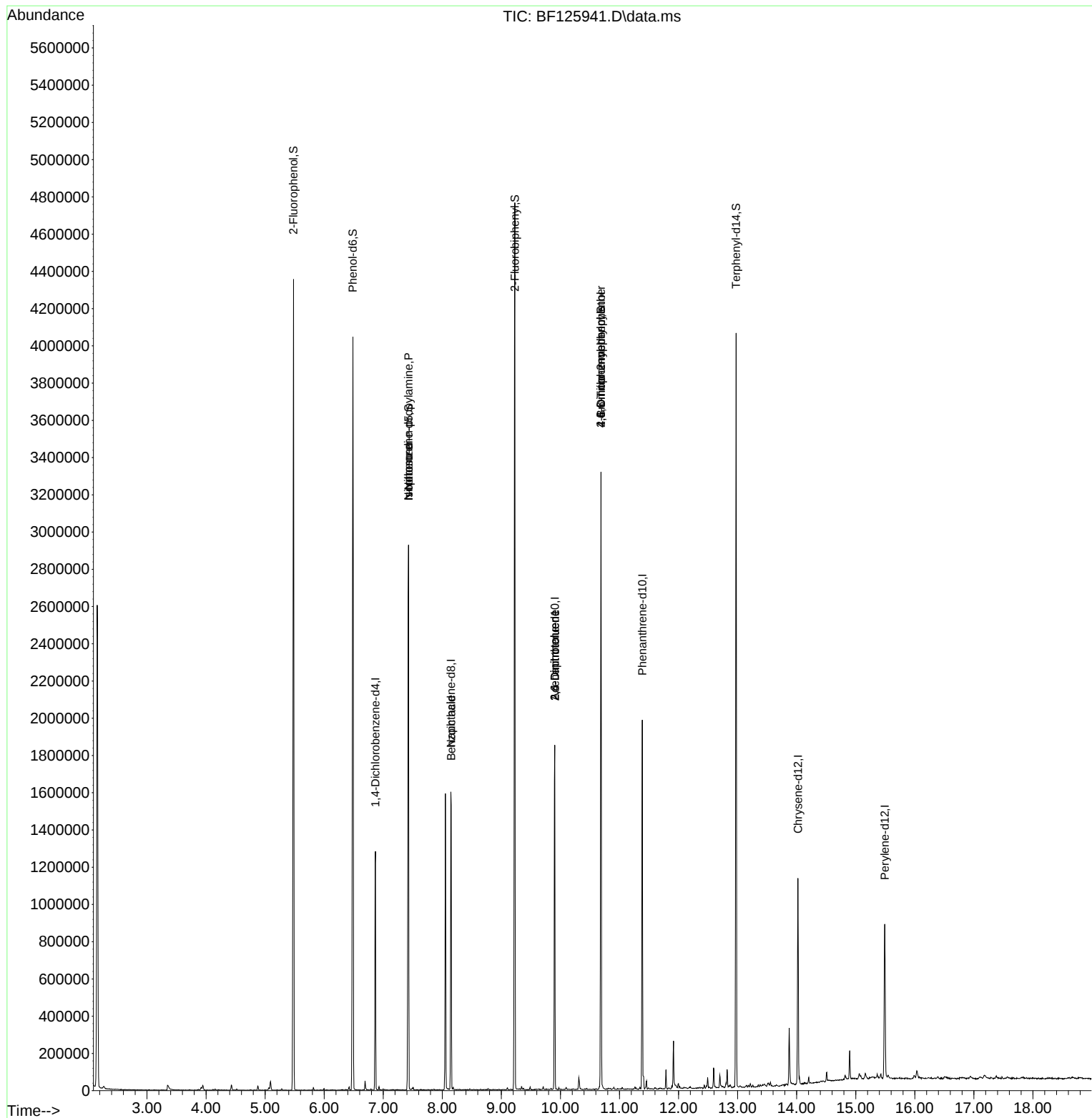
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	168105	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	677882	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	373361	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	655683	20.000	ng	0.00
76) Chrysene-d12	14.021	240	349623	20.000	ng	-0.01
86) Perylene-d12	15.492	264	354200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1023391	90.679	ng	0.00
7) Phenol-d6	6.486	99	1312768	84.807	ng	0.00
23) Nitrobenzene-d5	7.428	82	887232	67.606	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	318641	97.900	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1390713	65.871	ng	0.00
79) Terphenyl-d14	12.974	244	1277816	59.783	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	118354	13.383	ng	# 66
25) Isophorone	7.428	82	886981	35.490	ng	# 59
32) Benzoic acid	8.151	122	126	4.186	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	47355	10.381	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	47355	8.452	ng	# 20
58) Fluorene	10.445	166	2032	Below Cal		# 90
65) 4,6-Dinitro-2-methylph...	10.686	198	834	6.318	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	21499	3.069	ng	# 1

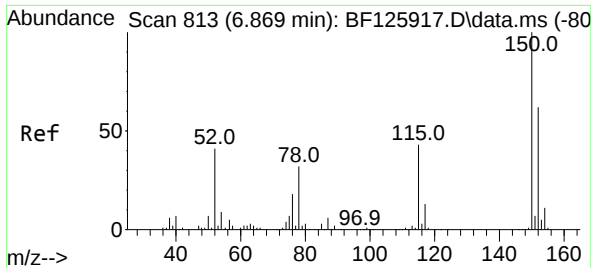
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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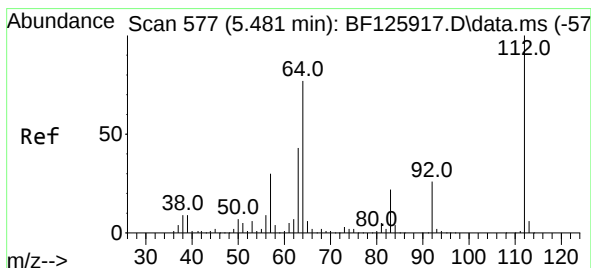
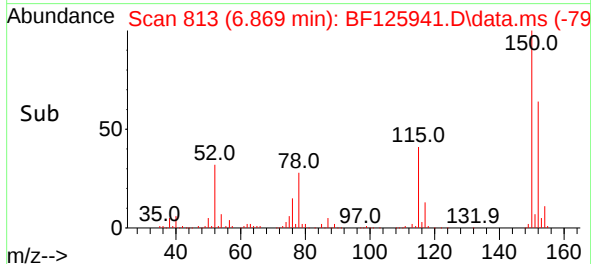
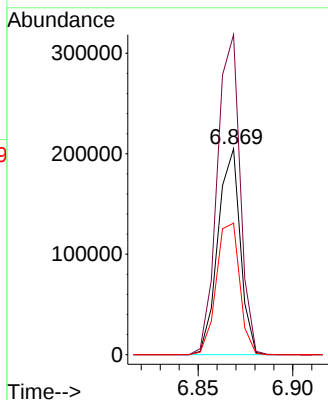
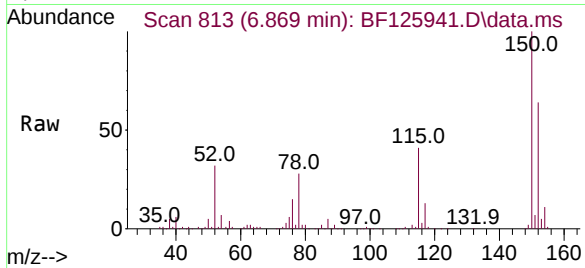




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

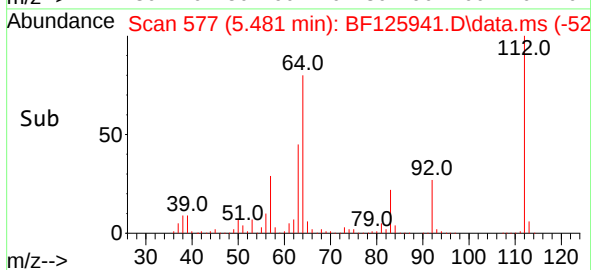
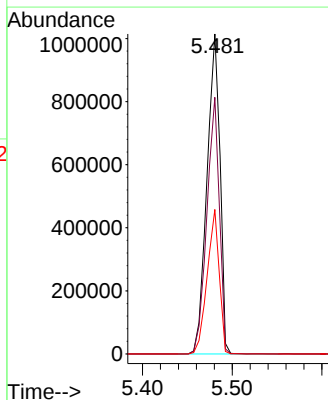
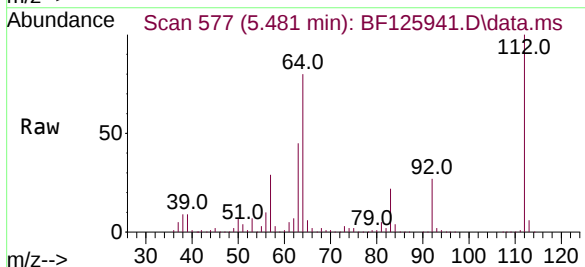
Instrument :
BNA_F
ClientSampled :
TH-ES

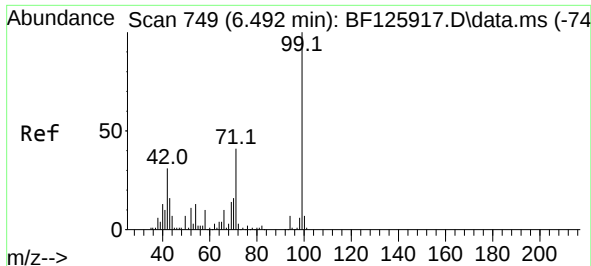
Tgt Ion:152 Resp: 168105
Ion Ratio Lower Upper
152 100
150 155.3 117.6 176.4
115 63.9 47.1 70.7



#5
2-Fluorophenol
Concen: 90.679 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion:112 Resp: 1023391
Ion Ratio Lower Upper
112 100
64 80.2 44.2 66.2#
63 45.1 26.2 39.2#

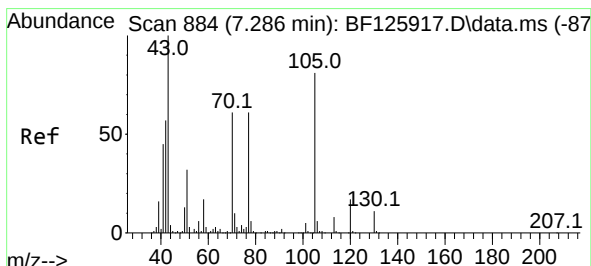
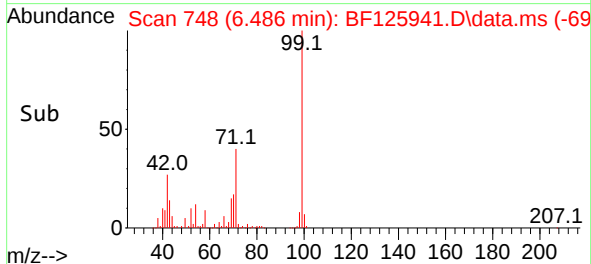
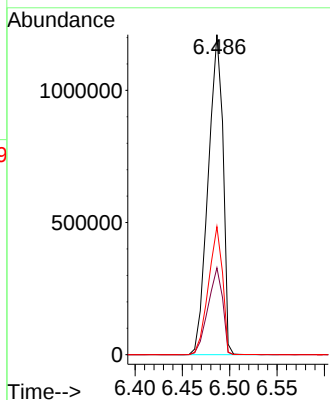
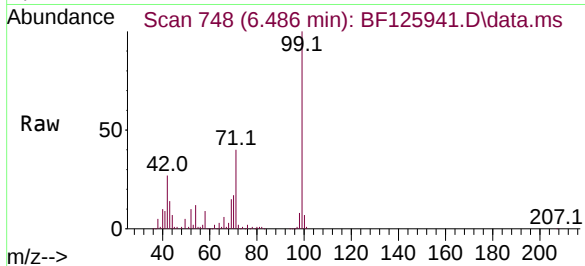




#7
Phenol-d6
Concen: 84.807 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

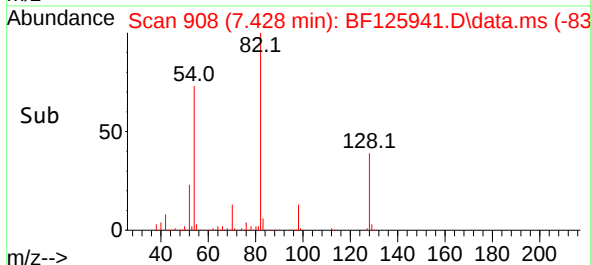
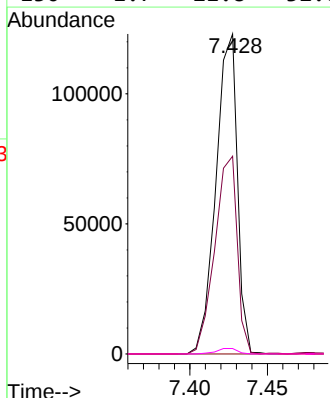
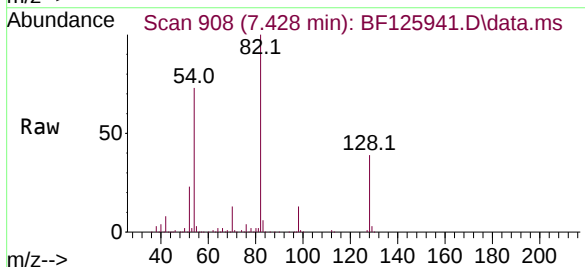
Instrument :
BNA_F
ClientSampleId :
TH-ES

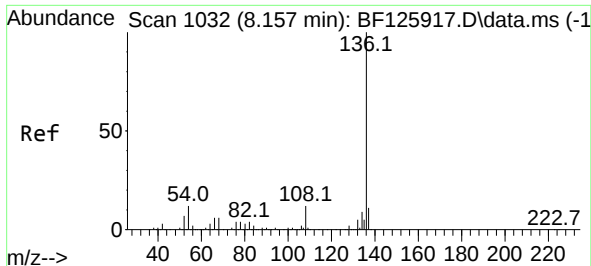
Tgt Ion: 99 Resp: 1312768
Ion Ratio Lower Upper
99 100
42 27.1 23.5 35.3
71 40.0 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.383 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

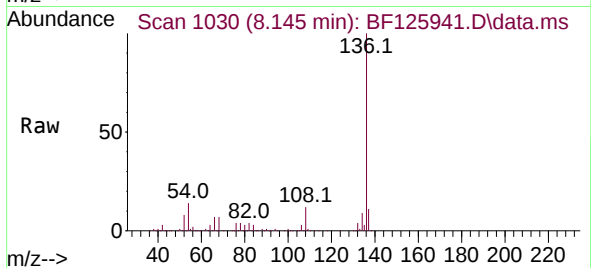
Tgt Ion: 70 Resp: 118354
Ion Ratio Lower Upper
70 100
42 61.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#



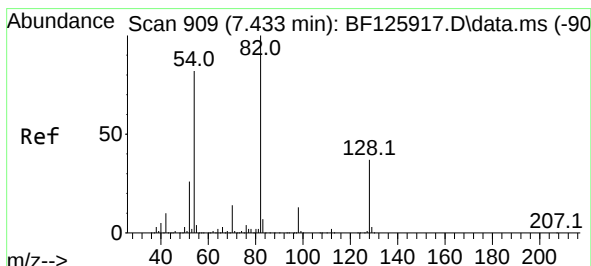
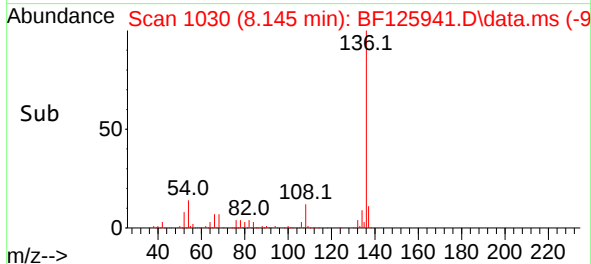
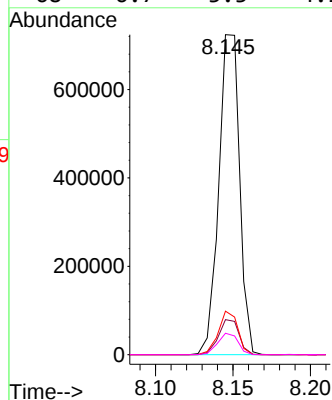


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Instrument :
BNA_F
ClientSampleId :
TH-ES

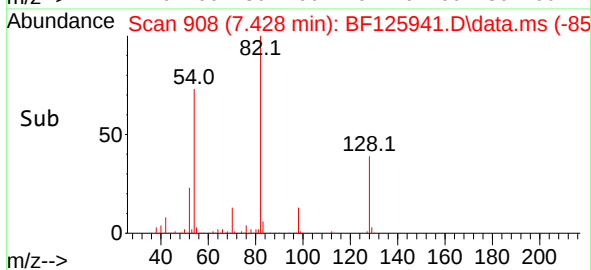
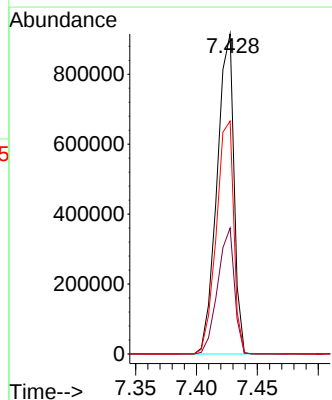
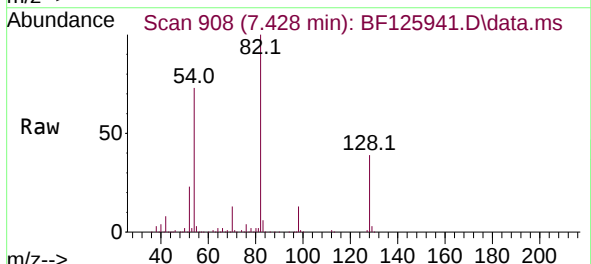


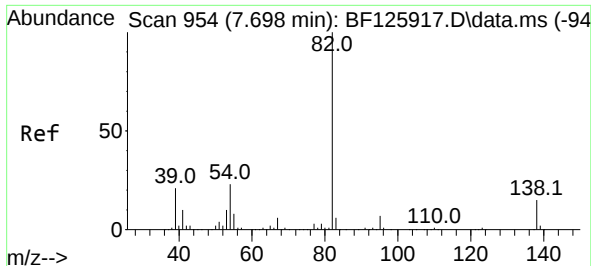
Tgt Ion:	136	Resp:	677882
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	13.6	6.4	9.6#
68	6.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 67.606 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion:	82	Resp:	887232
Ion Ratio	Lower	Upper	
82	100		
128	39.4	40.6	60.8#
54	72.8	49.6	74.4

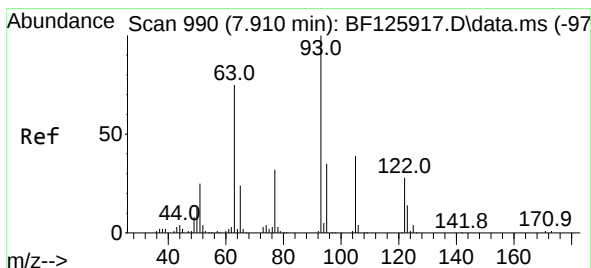
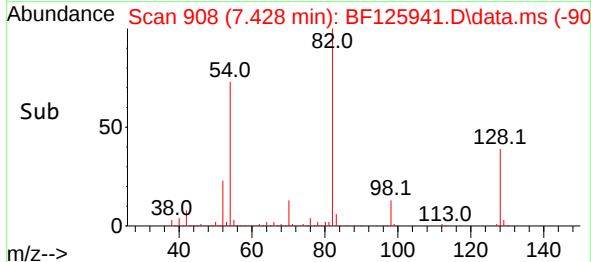
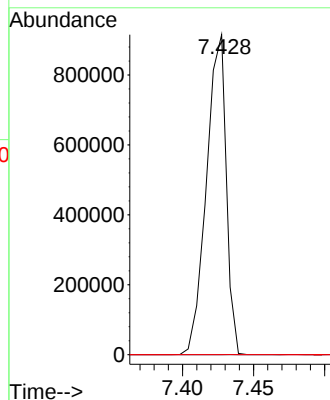
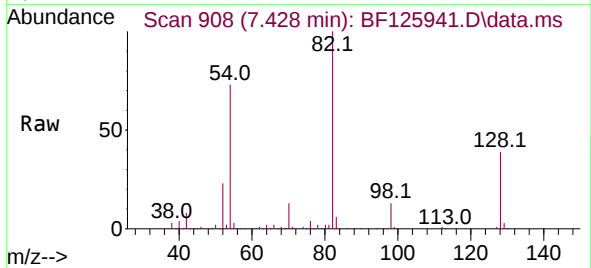




#25
Isophorone
Concen: 35.490 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

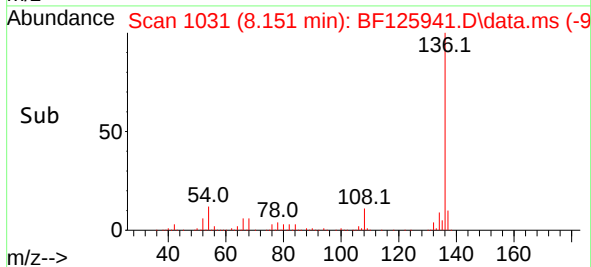
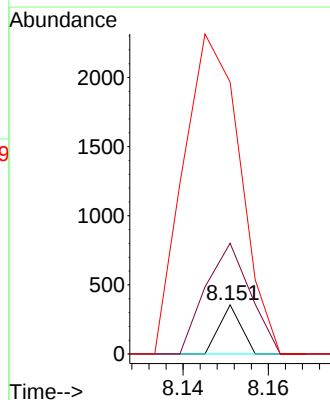
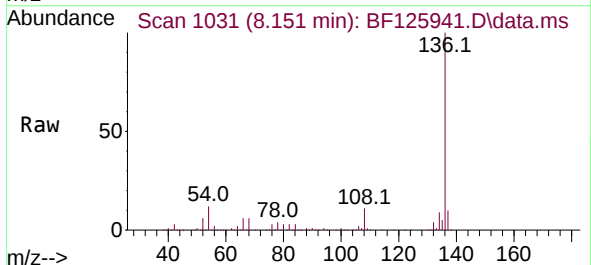
Instrument :
BNA_F
ClientSampleID :
TH-ES

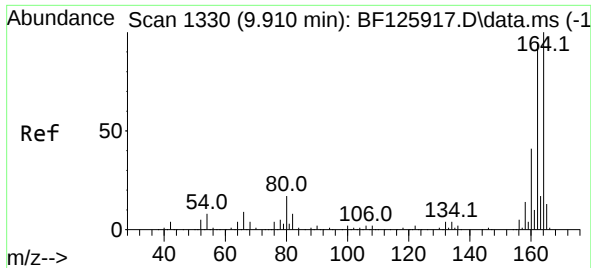
Tgt Ion: 82 Resp: 886981
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.186 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.241 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion: 122 Resp: 126
Ion Ratio Lower Upper
122 100
105 225.0 97.6 137.6#
77 552.5 59.6 99.6#

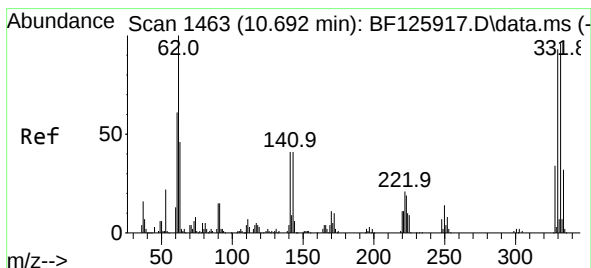
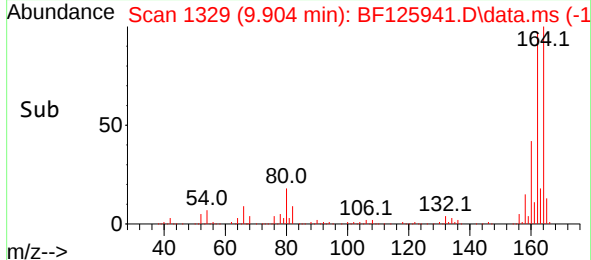
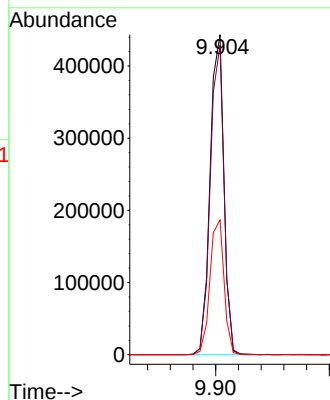
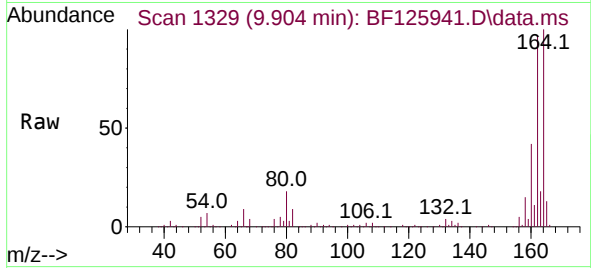




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

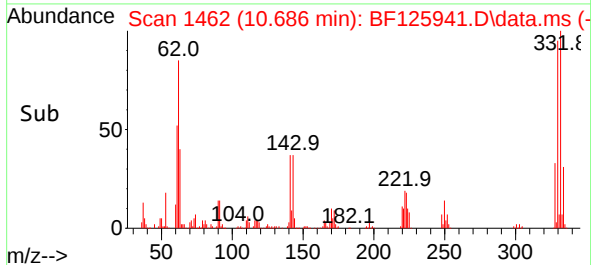
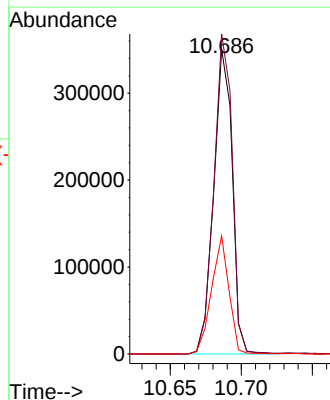
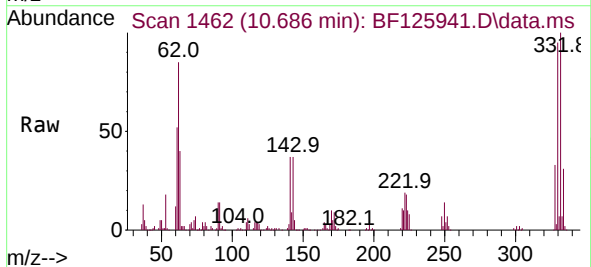
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BNA_F
ClientSampleId :
TH-ES

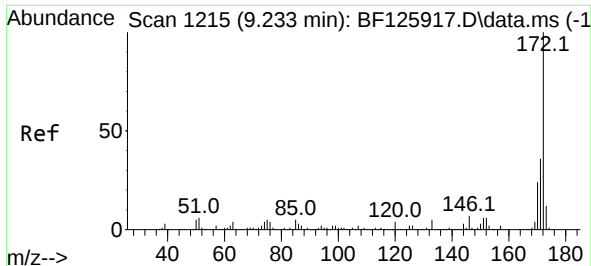
Tgt Ion:164 Resp: 373361
Ion Ratio Lower Upper
164 100
162 96.7 81.3 121.9
160 42.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 97.900 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion:330 Resp: 318641
Ion Ratio Lower Upper
330 100
332 104.4 76.2 114.4
141 36.5 44.6 66.8#

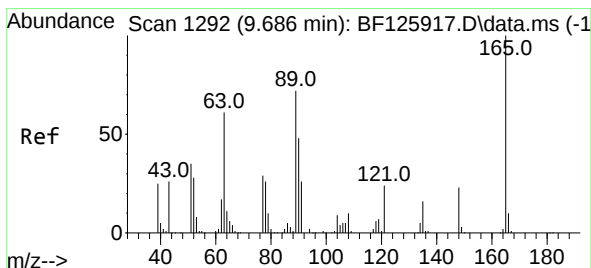
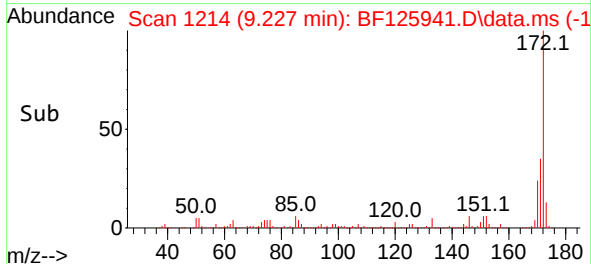
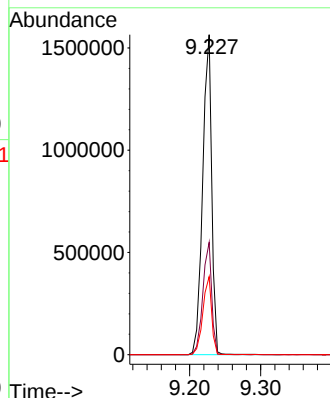
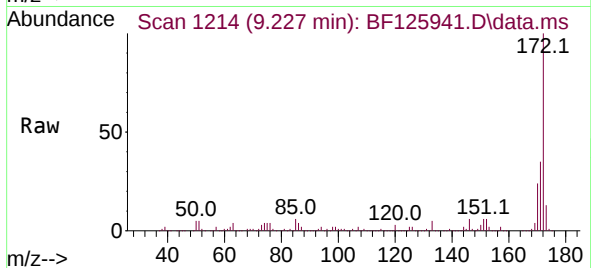




#45
2-Fluorobiphenyl
Concen: 65.871 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

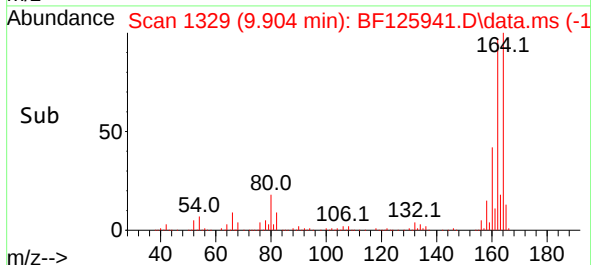
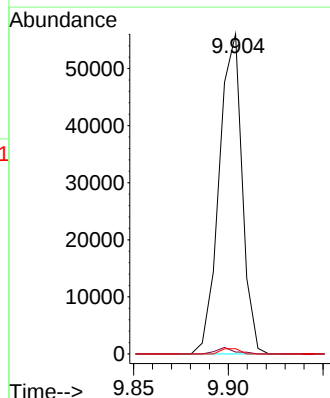
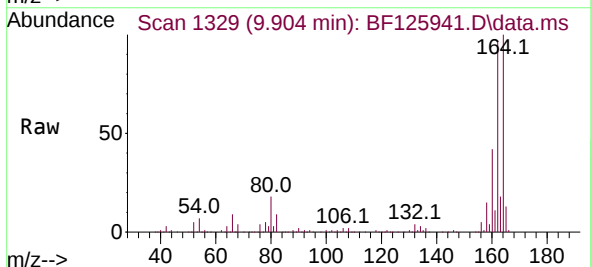
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ClientSampleId :
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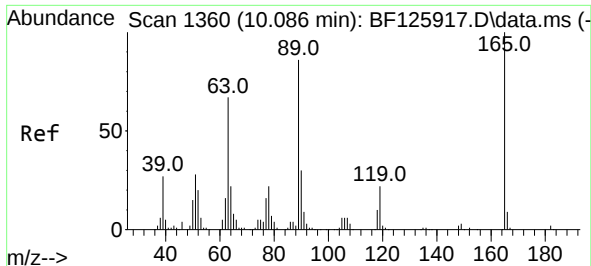
Tgt Ion:172 Resp: 1390713
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.381 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

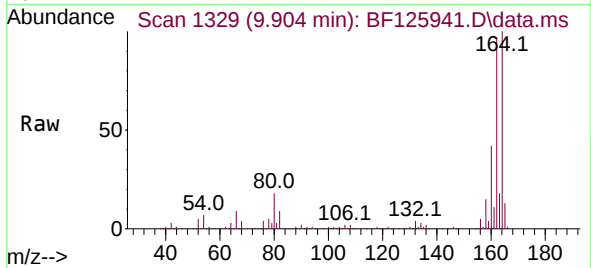
Tgt Ion:165 Resp: 47355
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 1.6 40.6 60.8#



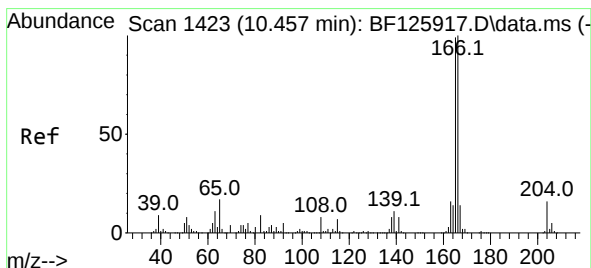
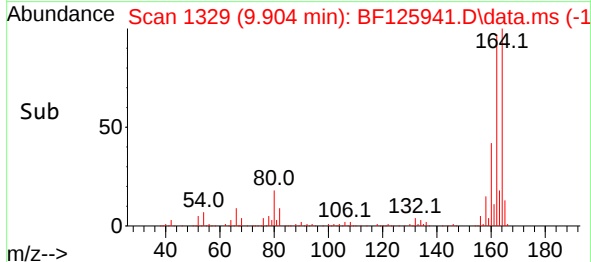
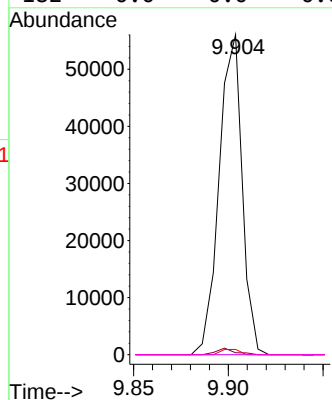


#57
2,4-Dinitrotoluene
Concen: 8.452 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Instrument :
BNA_F
ClientSampled :
TH-ES

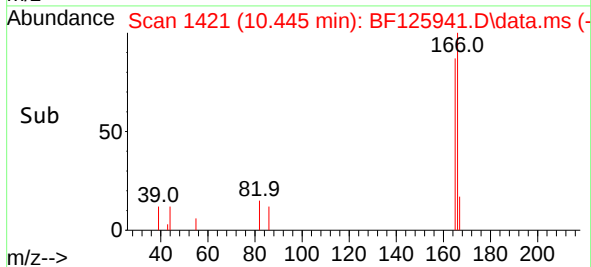
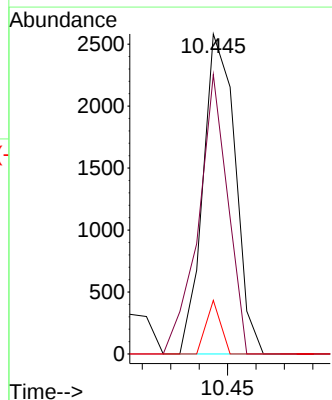
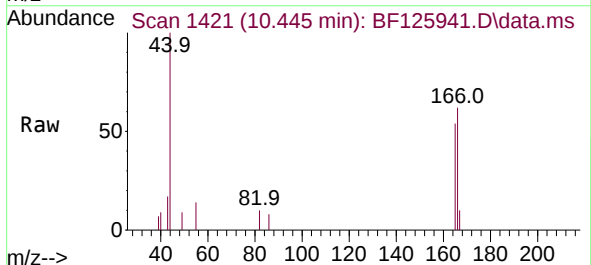


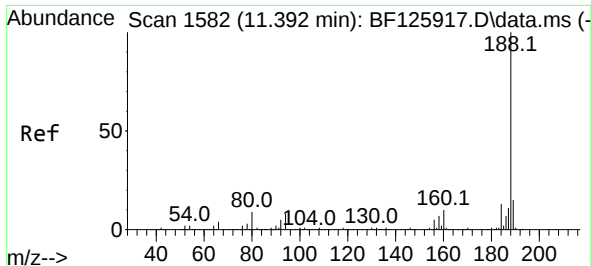
Tgt Ion:165 Resp: 47355
Ion Ratio Lower Upper
165 100
63 0.6 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion:166 Resp: 2032
Ion Ratio Lower Upper
166 100
165 87.3 78.1 117.1
167 16.8 11.1 16.7#

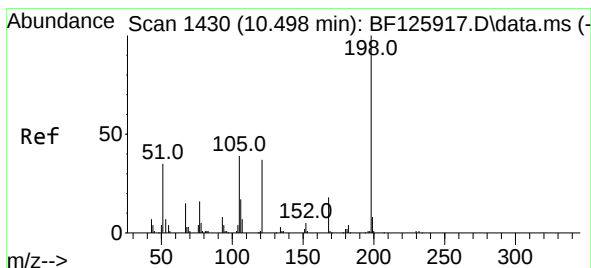
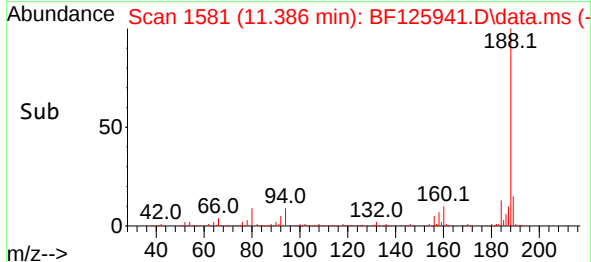
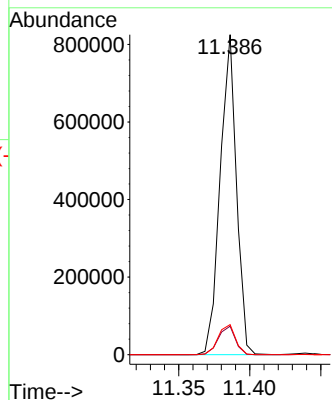
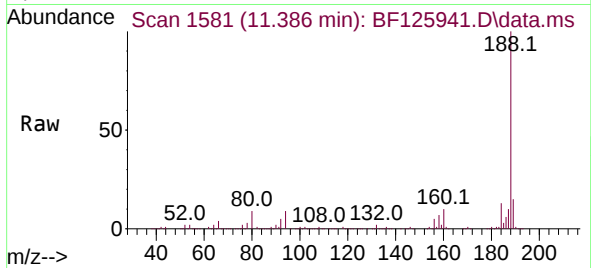




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

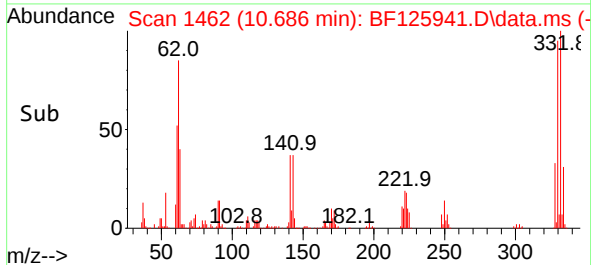
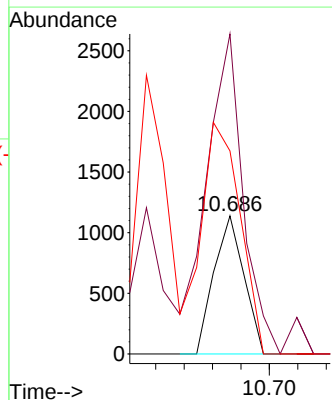
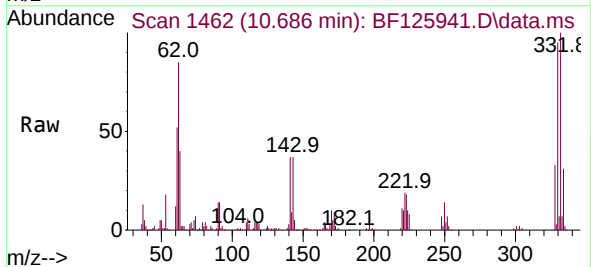
Instrument :
BNA_F
ClientSampleId :
TH-ES

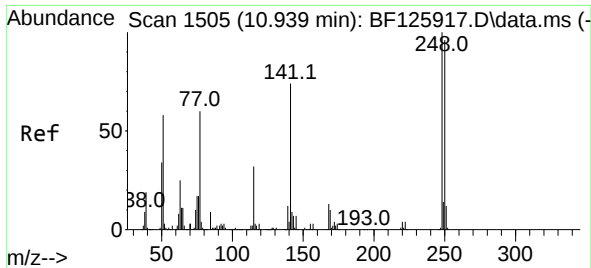
Tgt Ion:188 Resp: 655683
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.318 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion:198 Resp: 834
Ion Ratio Lower Upper
198 100
51 231.7 45.3 85.3#
105 147.1 30.6 70.6#

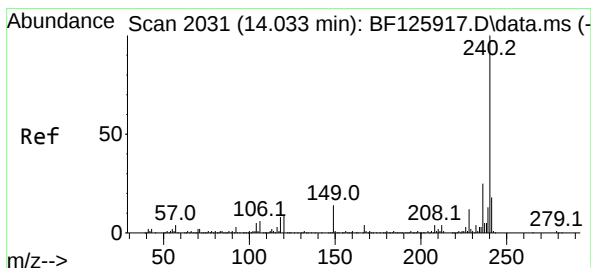
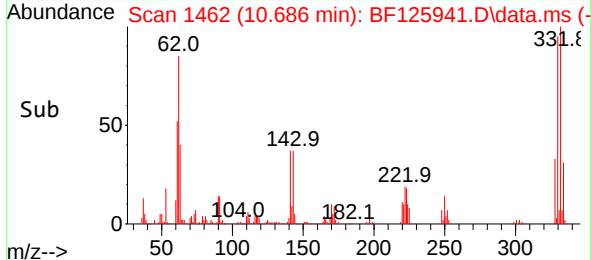
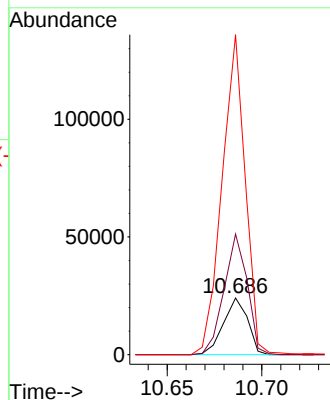
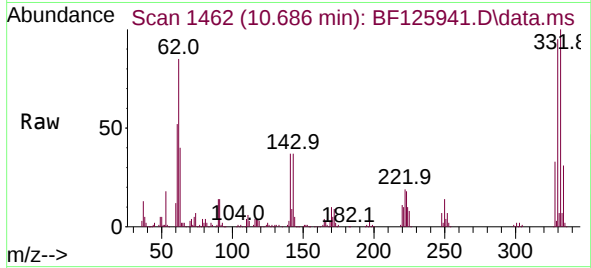




#67
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

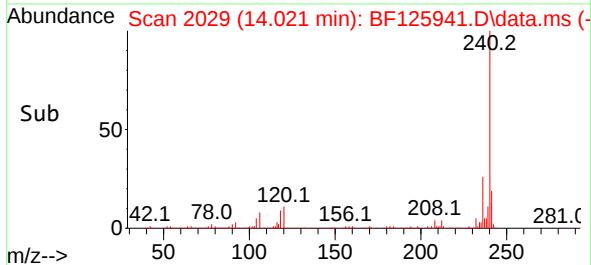
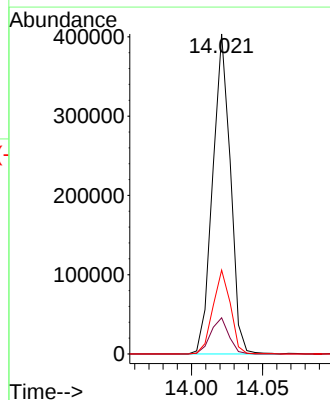
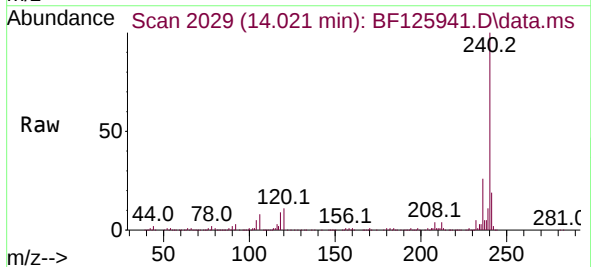
Instrument :
BNA_F
ClientSampleId :
TH-ES

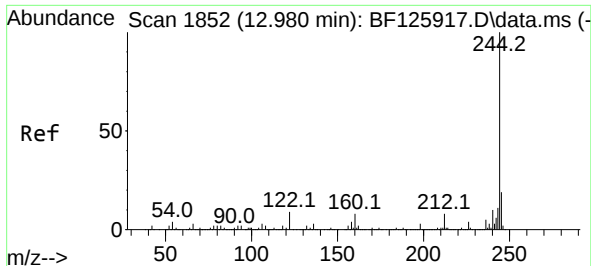
Tgt Ion:248 Resp: 21499
Ion Ratio Lower Upper
248 100
250 212.9 74.2 111.4#
141 564.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion:240 Resp: 349623
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.2 21.6 32.4

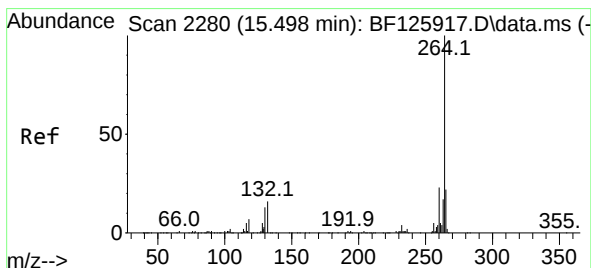
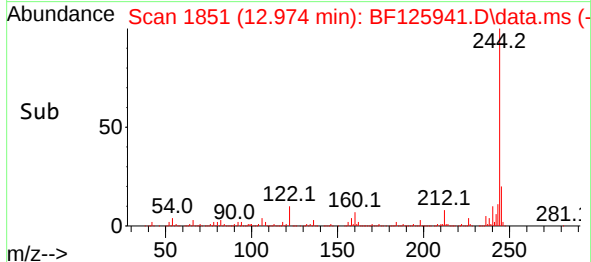
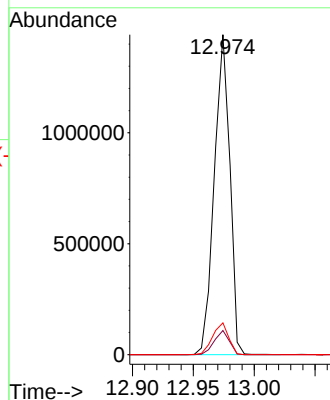
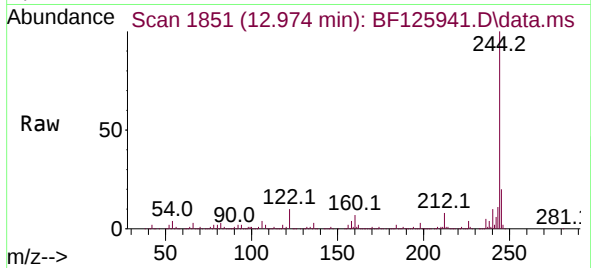




#79
Terphenyl-d14
Concen: 59.783 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Instrument :
BNA_F
ClientSampleId :
TH-ES

Tgt Ion:244 Resp: 1277816
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125941.D
Acq: 26 Oct 2021 19:01

Tgt Ion:264 Resp: 354200
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.1 17.2 25.8

