

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125943.D
 Acq On : 26 Oct 2021 20:06
 Operator : JU/CG
 Sample : M4358-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-FS

Quant Time: Oct 27 09:03:54 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)

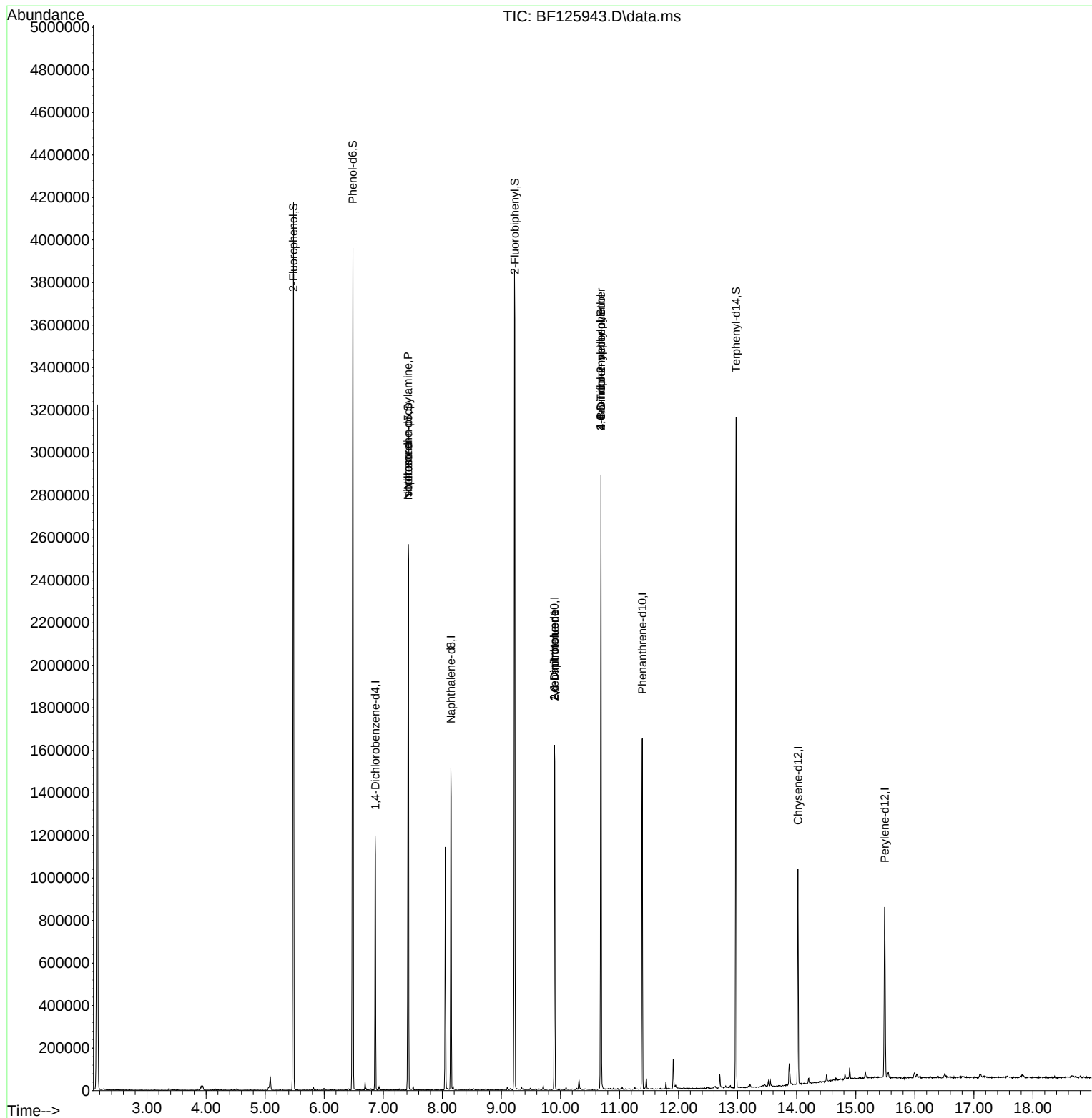
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	157262	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	621312	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	343288	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	576062	20.000	ng	0.00
76) Chrysene-d12	14.021	240	314025	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	341165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	956545	90.600	ng	0.00
7) Phenol-d6	6.486	99	1190157	82.188	ng	0.00
23) Nitrobenzene-d5	7.422	82	787343	65.457	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	267128	89.263	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1203309	61.988	ng	0.00
79) Terphenyl-d14	12.974	244	1022185	53.245	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	106714	12.898	ng	# 66
25) Isophorone	7.422	82	787192	34.365	ng	# 59
51) 2,6-Dinitrotoluene	9.898	165	43212	10.303	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	43212	8.388	ng	# 20
58) Fluorene	10.686	166	11561	Below Cal		# 83
65) 4,6-Dinitro-2-methylph...	10.686	198	604	6.274	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	18738	3.045	ng	# 1

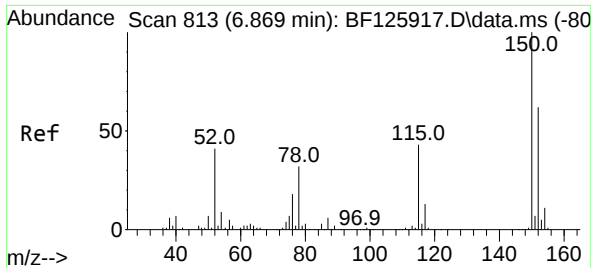
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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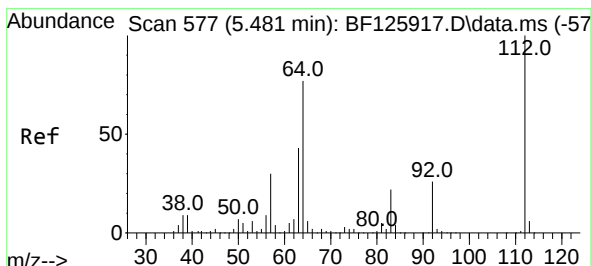
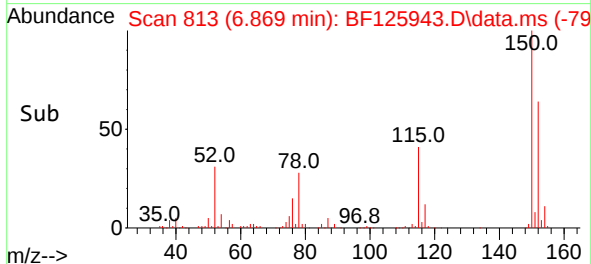
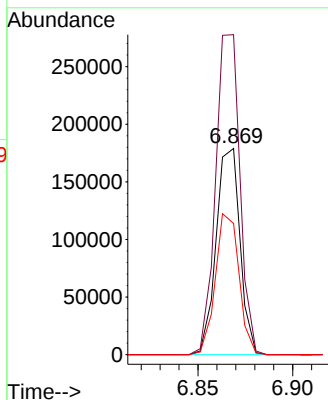
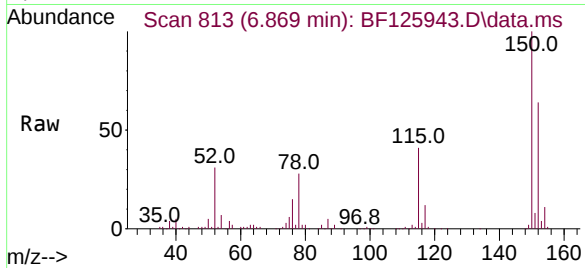




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

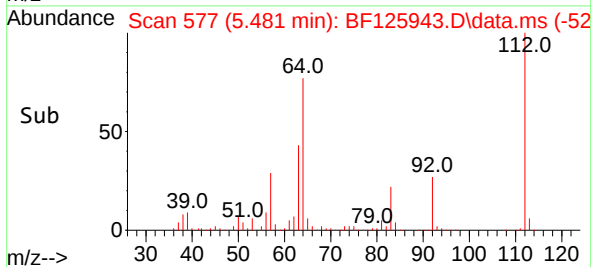
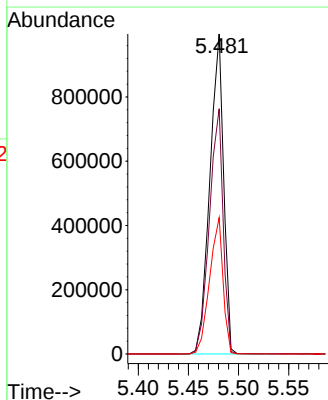
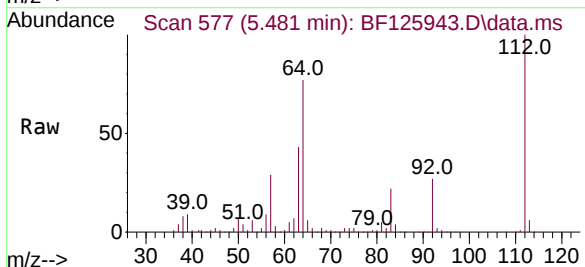
Instrument :
BNA_F
ClientSampleId :
TH-FS

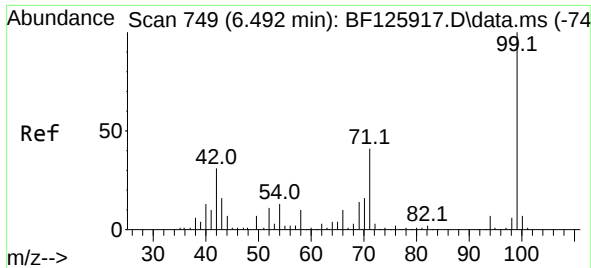
Tgt Ion:152 Resp: 157262
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 63.6 47.1 70.7



#5
2-Fluorophenol
Concen: 90.600 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion:112 Resp: 956545
Ion Ratio Lower Upper
112 100
64 76.7 44.2 66.2#
63 42.6 26.2 39.2#

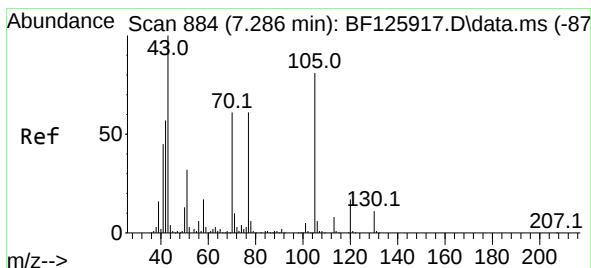
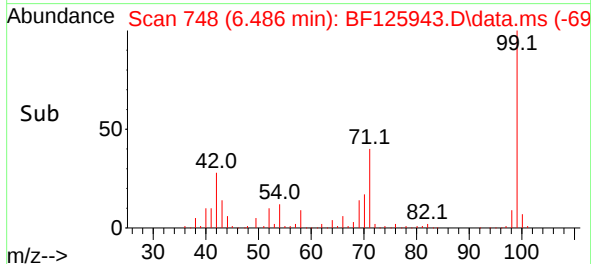
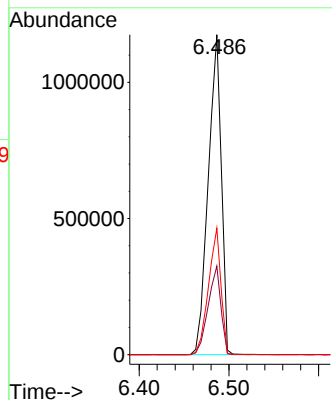
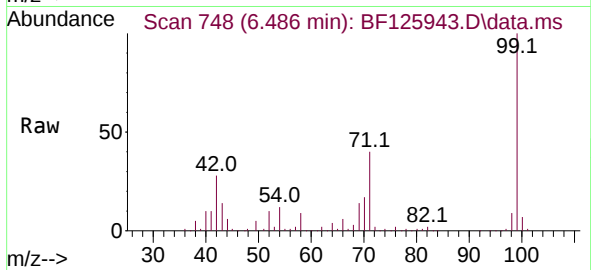




#7
Phenol-d6
Concen: 82.188 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

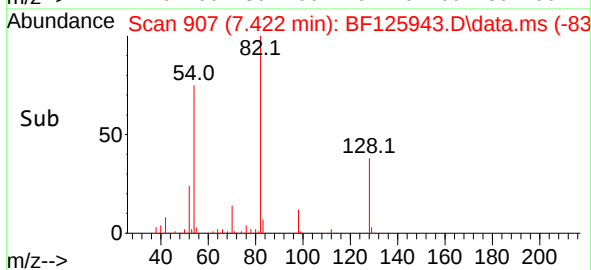
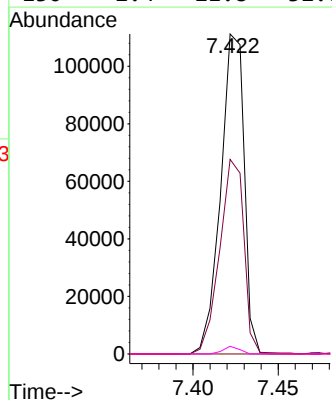
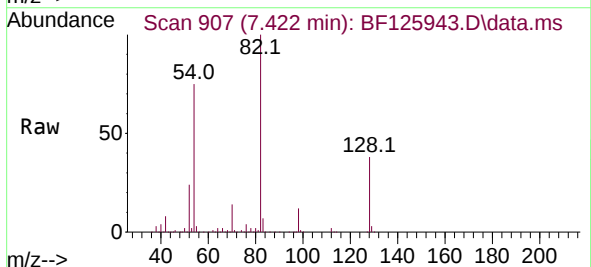
Instrument :
BNA_F
ClientSampleId :
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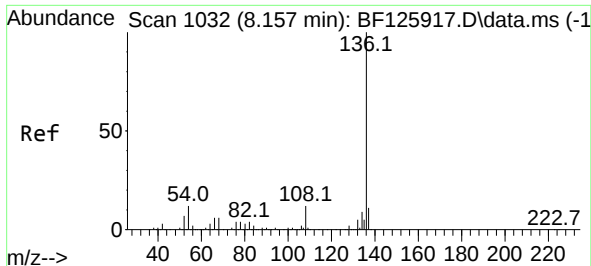
Tgt Ion: 99 Resp: 1190157
Ion Ratio Lower Upper
99 100
42 27.7 23.5 35.3
71 39.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.898 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 70 Resp: 106714
Ion Ratio Lower Upper
70 100
42 60.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

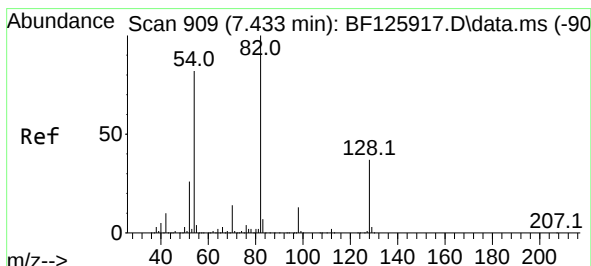
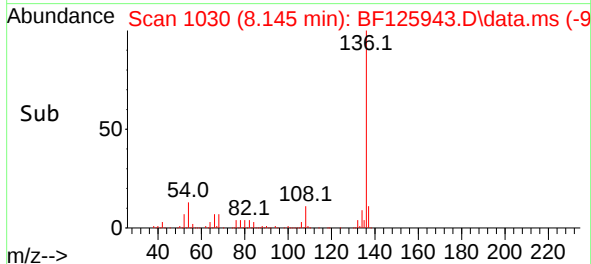
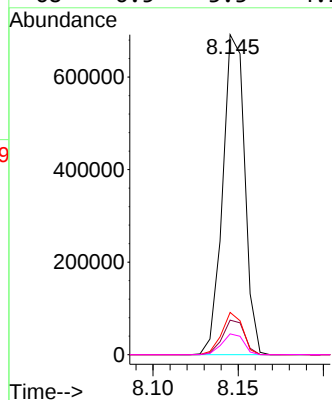
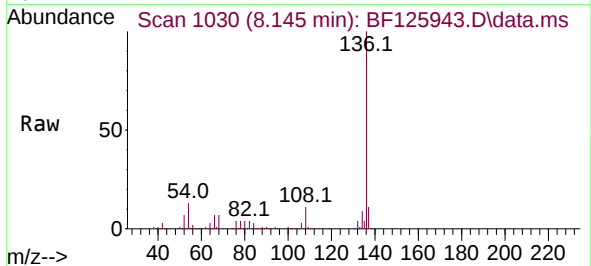




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

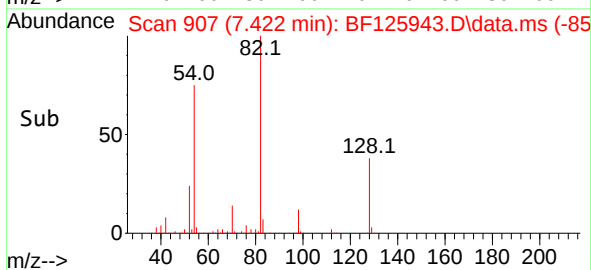
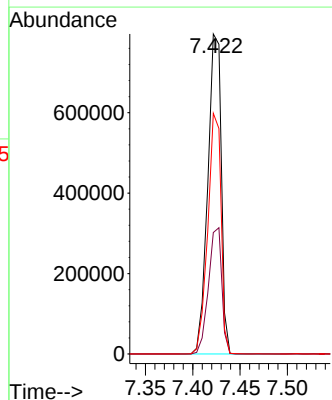
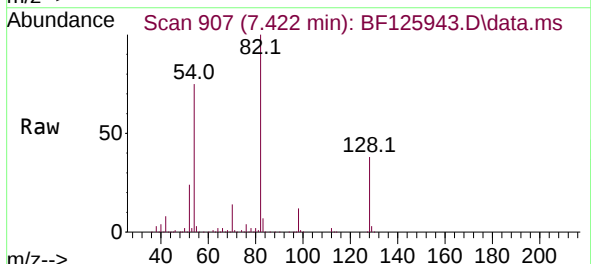
Instrument :
BNA_F
ClientSampleId :
TH-FS

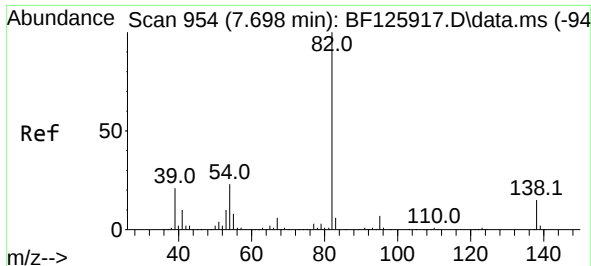
Tgt Ion:136	Resp: 621312
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 13.2	6.4 9.6#
68 6.5	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 65.457 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 82	Resp: 787343
Ion Ratio	Lower Upper
82 100	
128 38.0	40.6 60.8#
54 75.2	49.6 74.4#

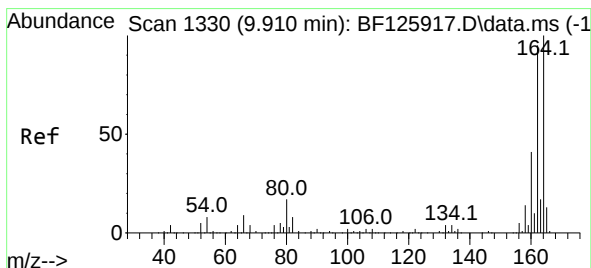
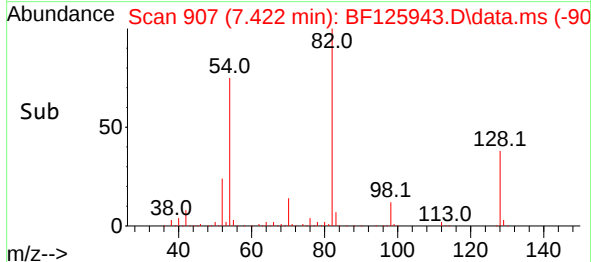
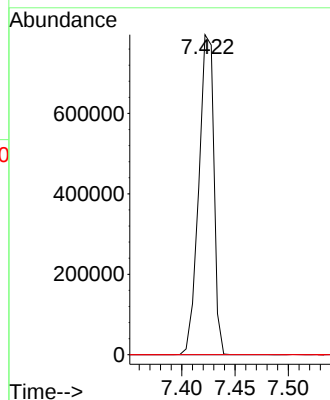
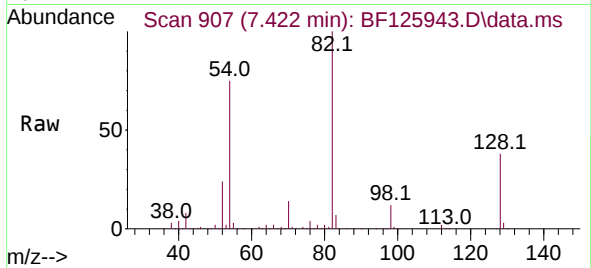




#25
Isophorone
Concen: 34.365 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.276 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

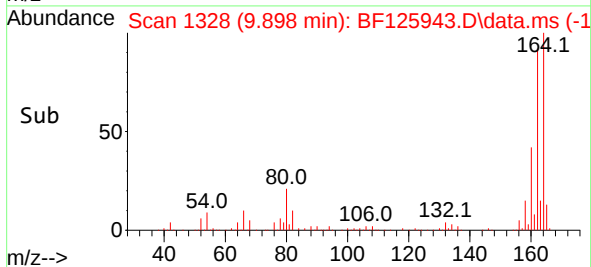
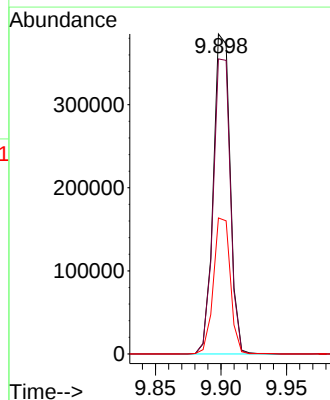
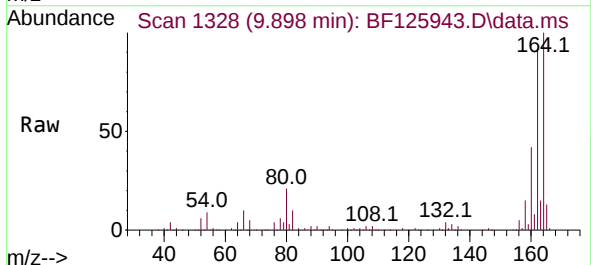
Instrument :
BNA_F
ClientSampleId :
TH-FS

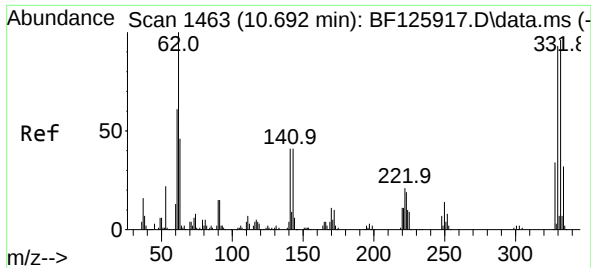
Tgt Ion: 82 Resp: 787192
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 164 Resp: 343288
Ion Ratio Lower Upper
164 100
162 92.2 81.3 121.9
160 42.5 38.0 57.0

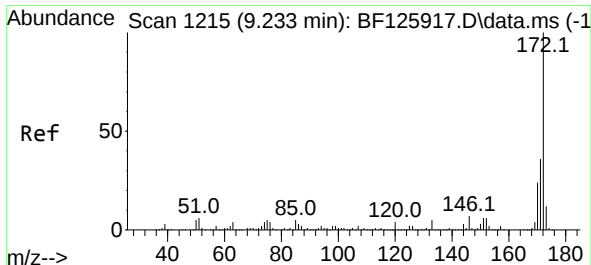
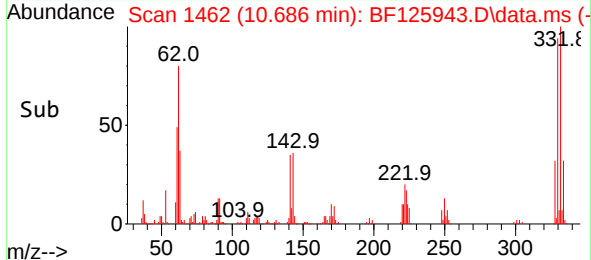
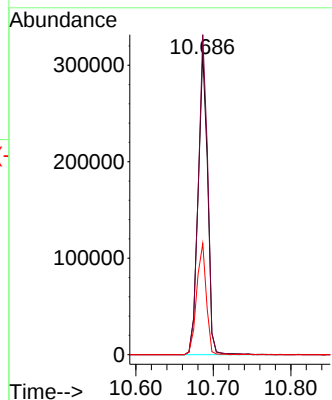
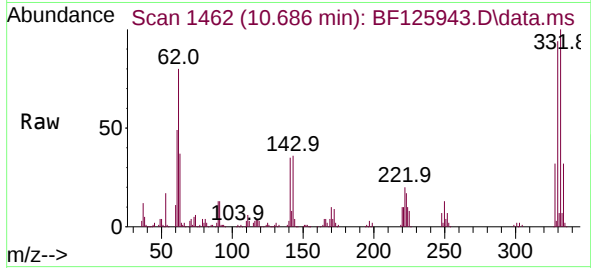




#42
2,4,6-Tribromophenol
Concen: 89.263 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

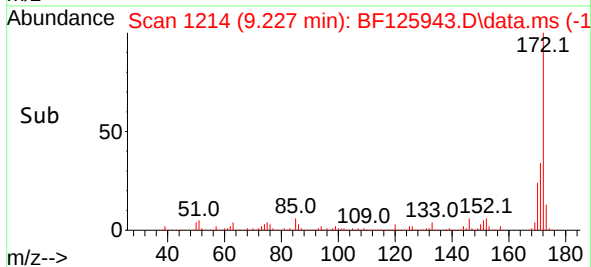
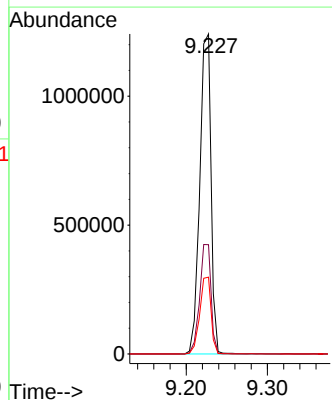
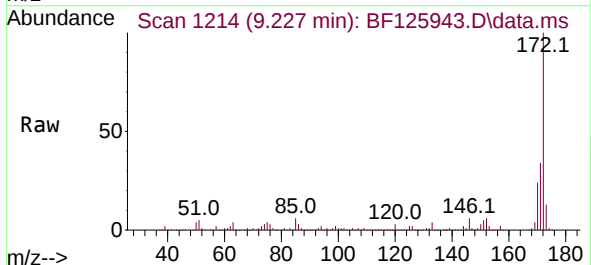
Instrument :
BNA_F
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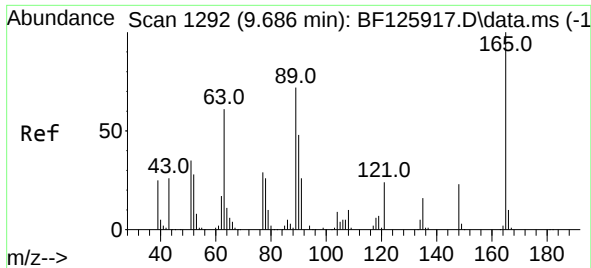
Tgt Ion: 330 Resp: 267128
Ion Ratio Lower Upper
330 100
332 103.5 76.2 114.4
141 37.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.988 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 172 Resp: 1203309
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 24.0 18.8 28.2

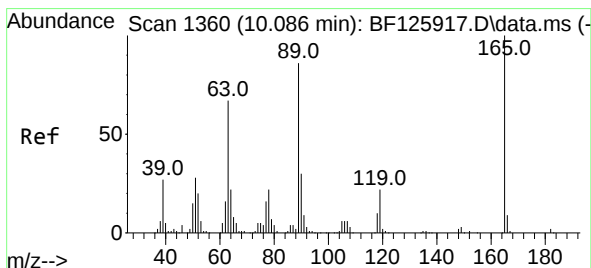
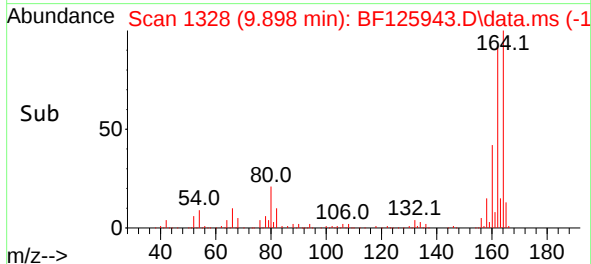
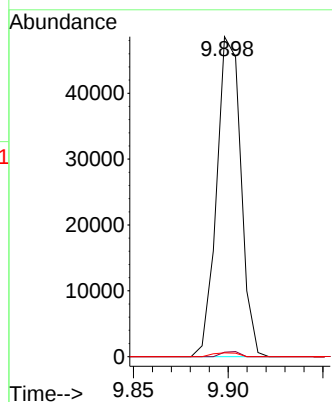
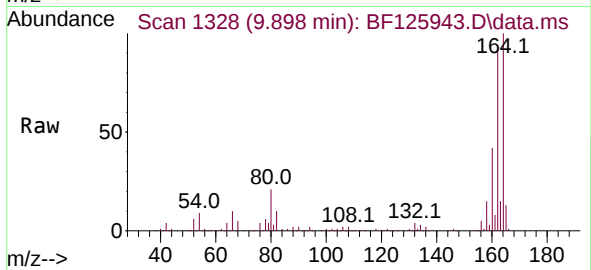




#51
2,6-Dinitrotoluene
Concen: 10.303 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

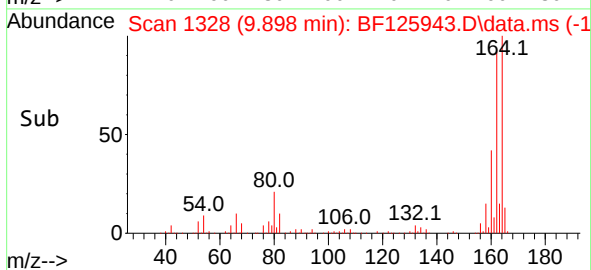
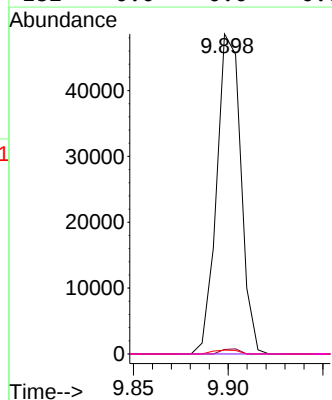
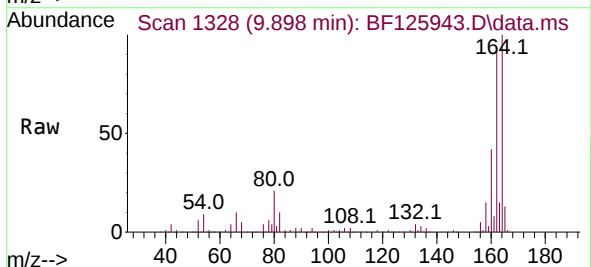
Instrument :
BNA_F
ClientSampled :
TH-FS

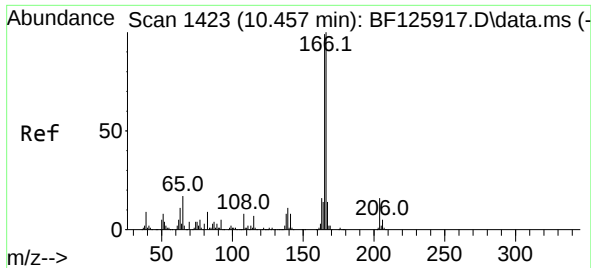
Tgt Ion:165 Resp: 43212
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.388 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion:165 Resp: 43212
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

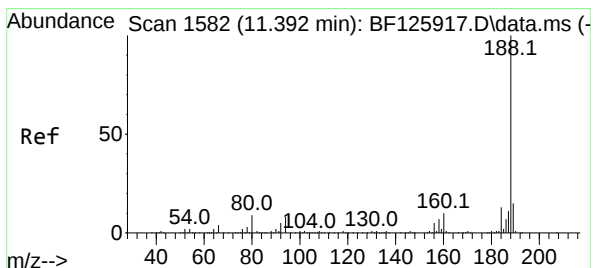
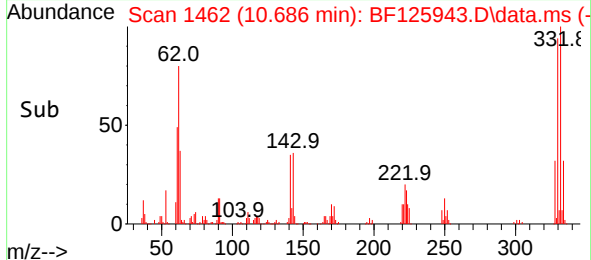
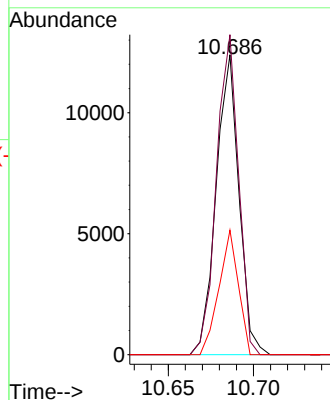
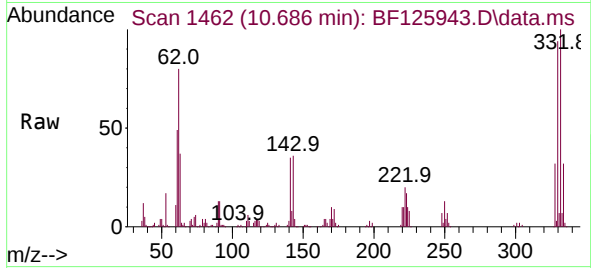




#58
Fluorene
Concen: Below Cal
RT: 10.686 min Scan# 1462
Delta R.T. 0.229 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

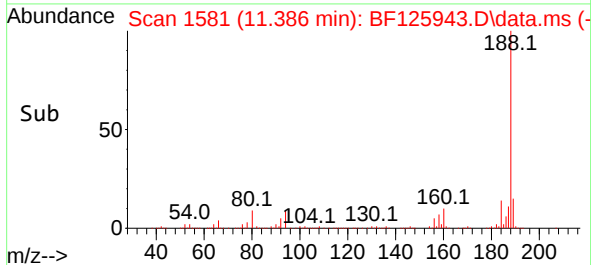
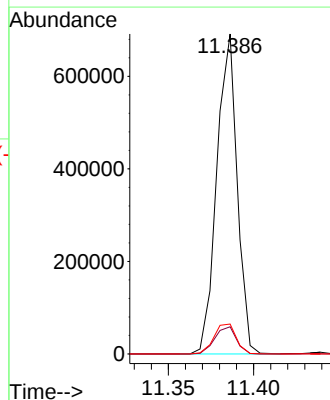
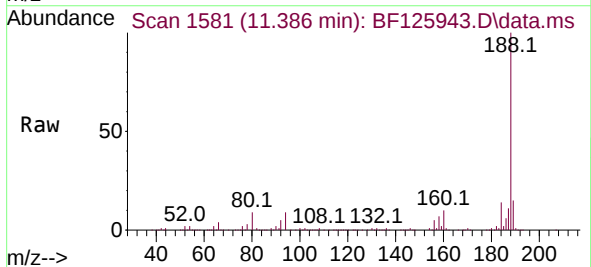
Instrument :
BNA_F
ClientSampled :
TH-FS

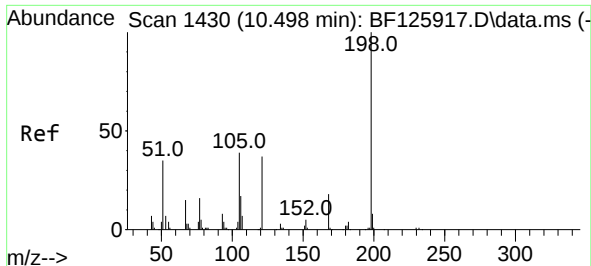
Tgt Ion:166 Resp: 11561
Ion Ratio Lower Upper
166 100
165 106.7 78.1 117.1
167 41.5 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion:188 Resp: 576062
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.4 7.5 11.3

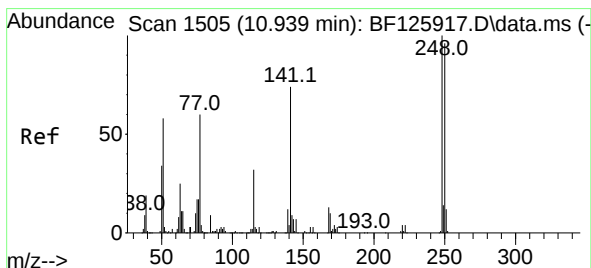
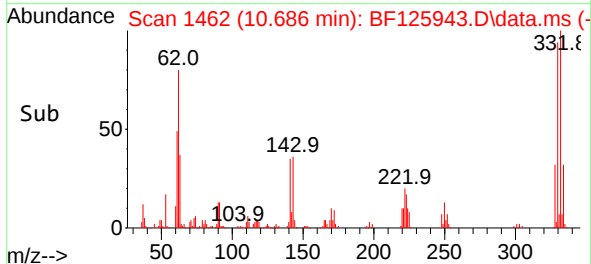
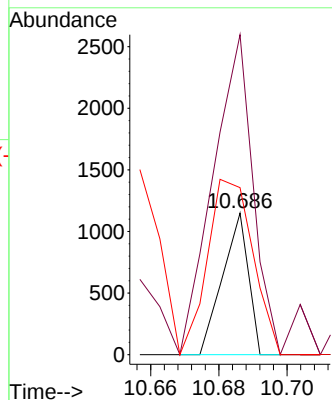
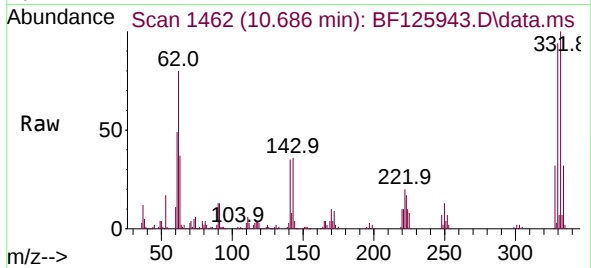




#65
4,6-Dinitro-2-methylphenol
Concen: 6.274 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

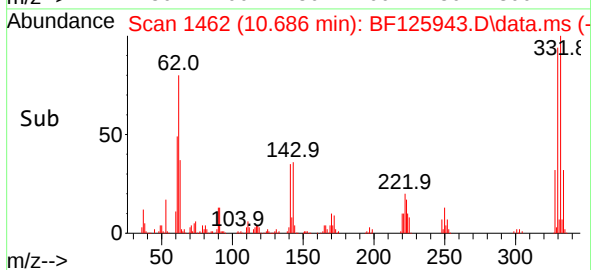
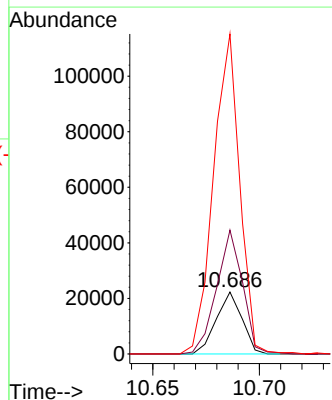
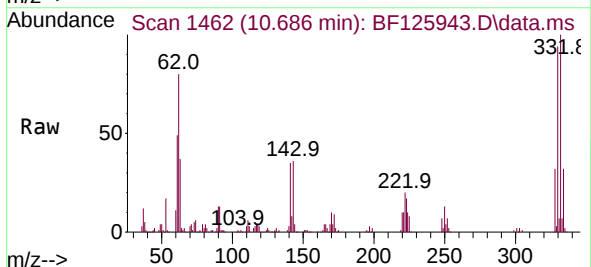
Instrument :
BNA_F
ClientSampled :
TH-FS

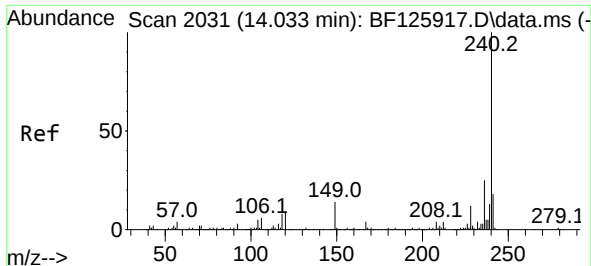
Tgt Ion:198 Resp: 604
Ion Ratio Lower Upper
198 100
51 225.9 45.3 85.3#
105 117.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.045 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

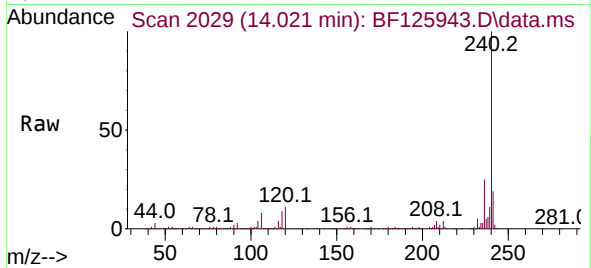
Tgt Ion:248 Resp: 18738
Ion Ratio Lower Upper
248 100
250 199.9 74.2 111.4#
141 516.5 60.4 90.6#



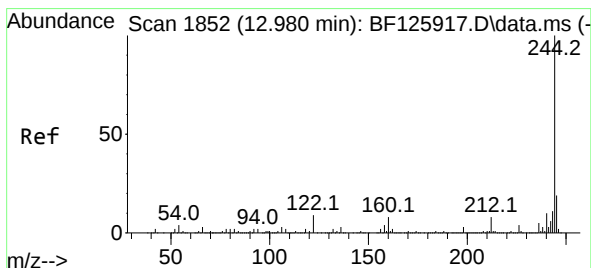
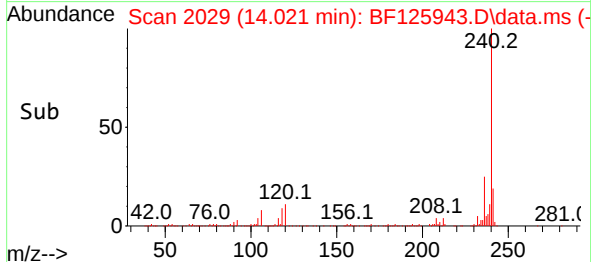
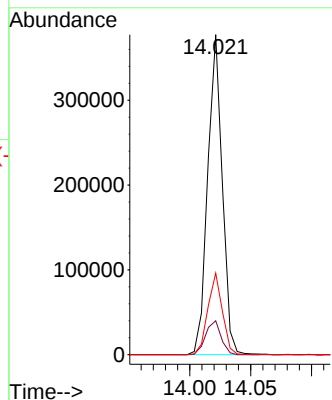


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Instrument :
BNA_F
ClientSampleId :
TH-FS

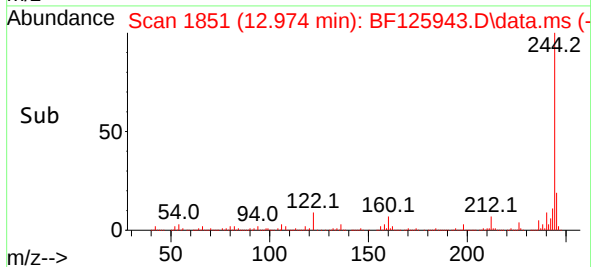
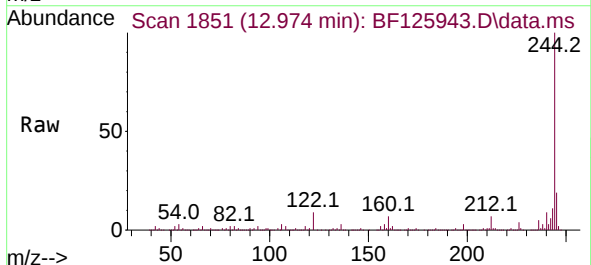
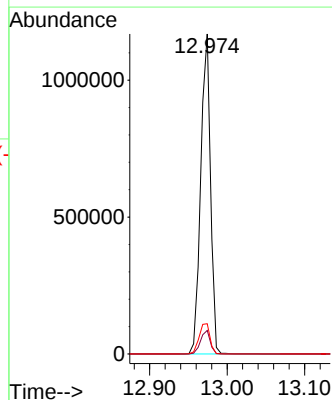


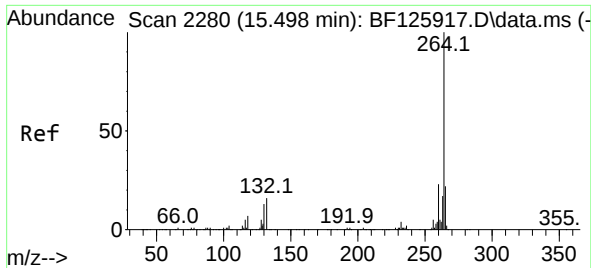
Tgt Ion:240 Resp: 314025
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 53.245 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion:244 Resp: 1022185
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.5 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: BF125943.D
 Acq: 26 Oct 2021 20:06

Instrument :
 BNA_F
 ClientSampleId :
 TH-FS

Tgt Ion:264	Resp:	341165
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.6 29.4
265	20.8	17.2 25.8

