

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125945.D
 Acq On : 26 Oct 2021 21:11
 Operator : JU/CG
 Sample : M4315-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-DD-S

Quant Time: Oct 27 09:04:11 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)

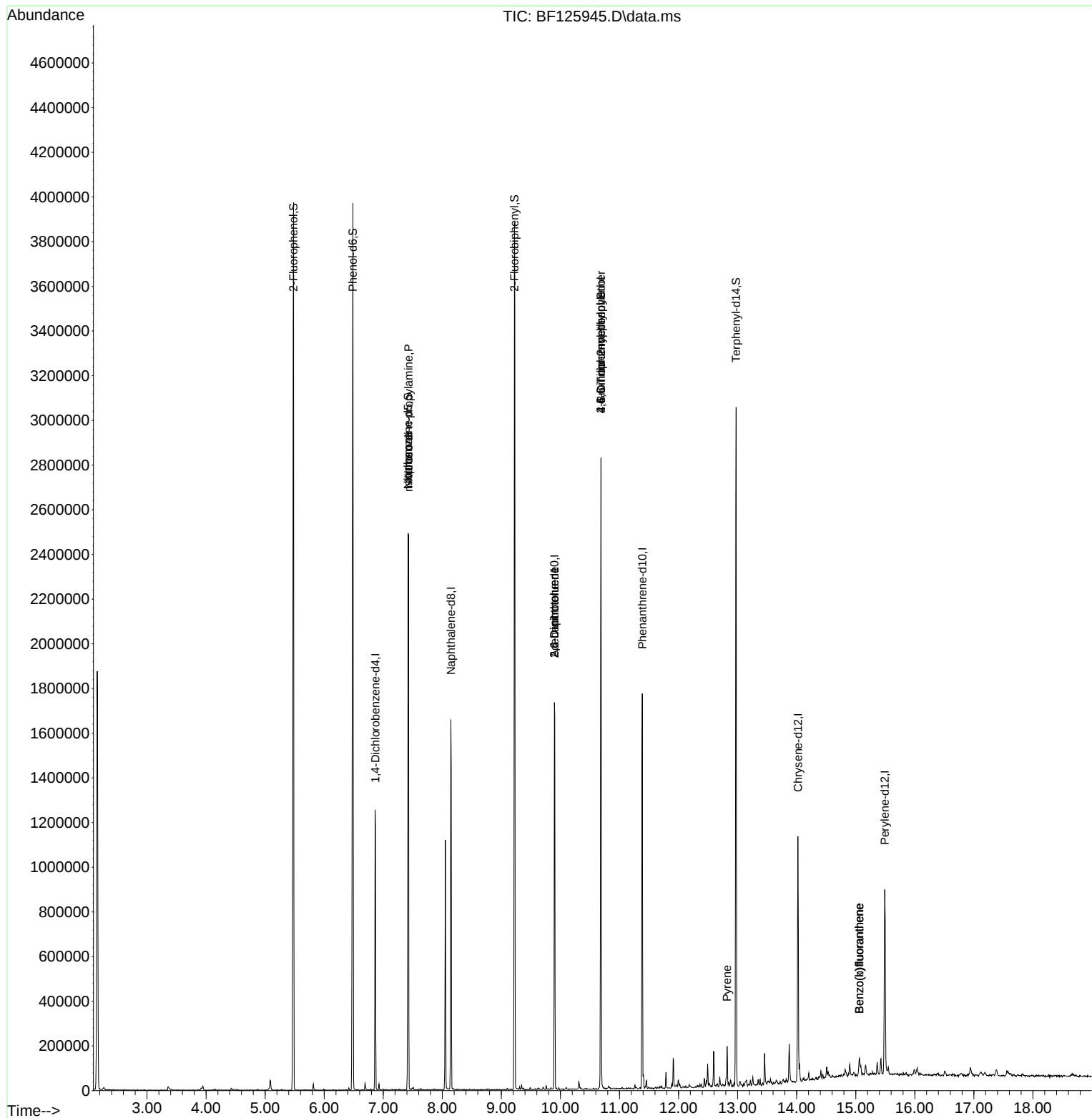
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	164318	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	669655	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	372123	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	624732	20.000	ng	0.00
76) Chrysene-d12	14.021	240	334884	20.000	ng	-0.01
86) Perylene-d12	15.492	264	358433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	932453	84.526	ng	0.00
7) Phenol-d6	6.486	99	1170500	77.359	ng	0.00
23) Nitrobenzene-d5	7.422	82	775742	59.836	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	256841	79.175	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1193000	56.695	ng	-0.01
79) Terphenyl-d14	12.974	244	981251	47.929	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	103142	11.931	ng	# 66
25) Isophorone	7.422	82	775363	31.405	ng	# 59
51) 2,6-Dinitrotoluene	9.898	165	46323	10.189	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	46323	8.295	ng	# 19
58) Fluorene	10.445	166	1480	Below Cal		# 67
65) 4,6-Dinitro-2-methylph...	10.686	198	670	6.279	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	18653	2.795	ng	# 1
78) Pyrene	12.821	202	69147	2.219	ng	98
88) Benzo(b)fluoranthene	15.062	252	54915	2.321	ng	99
89) Benzo(k)fluoranthene	15.062	252	54915	2.416	ng	# 94

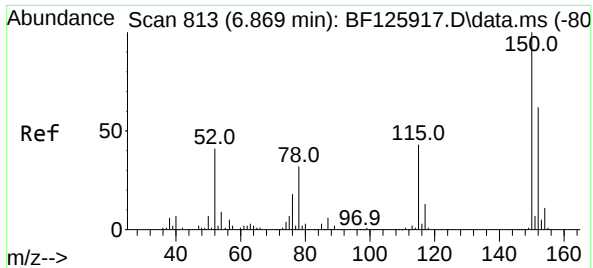
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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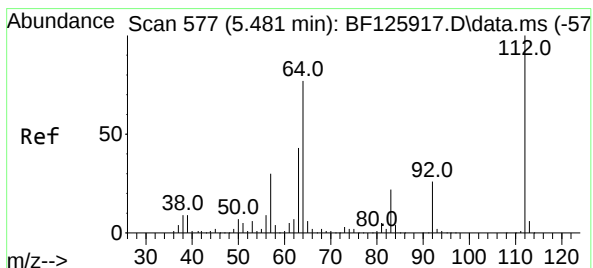
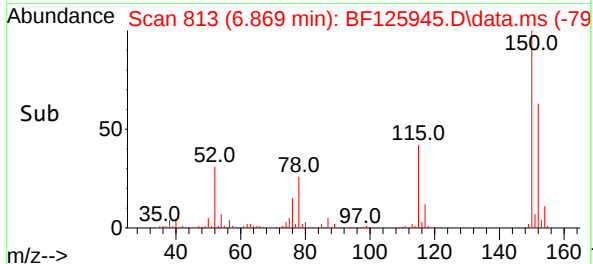
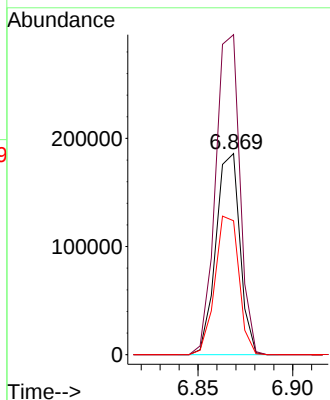
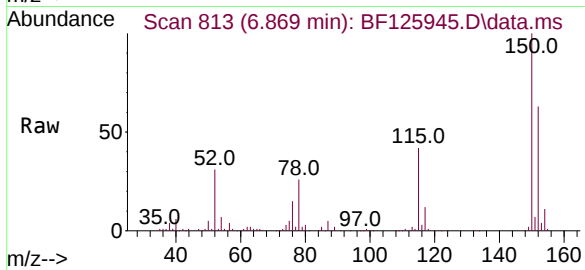




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

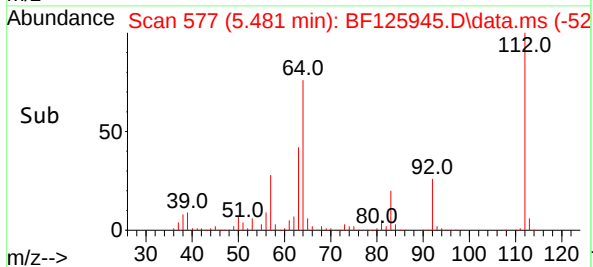
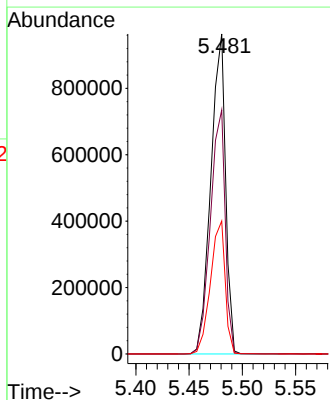
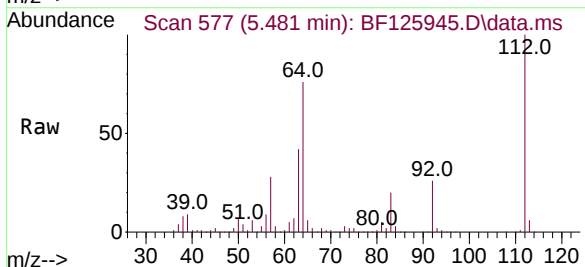
Instrument :
BNA_F
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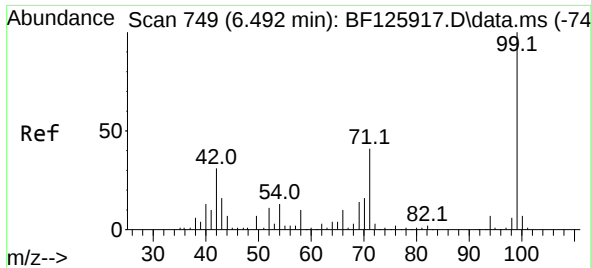
Tgt Ion:152 Resp: 164318
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 66.6 47.1 70.7



#5
2-Fluorophenol
Concen: 84.526 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:112 Resp: 932453
Ion Ratio Lower Upper
112 100
64 76.3 44.2 66.2#
63 41.6 26.2 39.2#

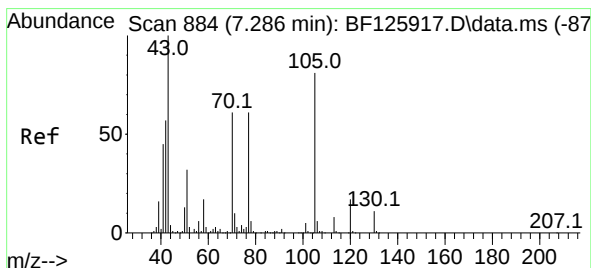
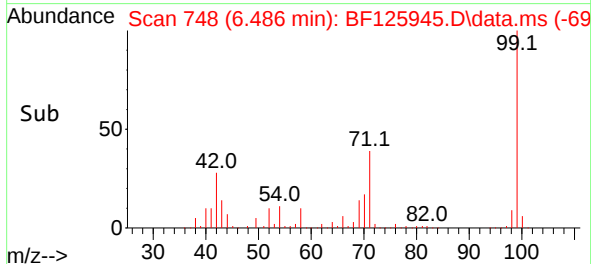
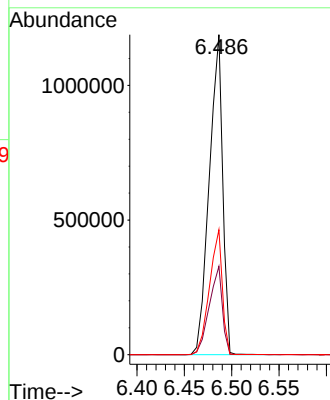
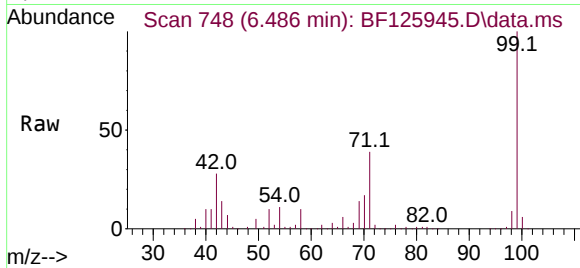




#7
Phenol-d6
Concen: 77.359 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

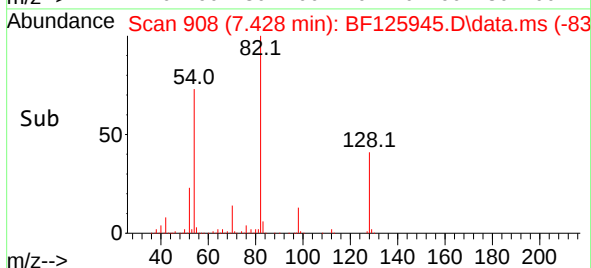
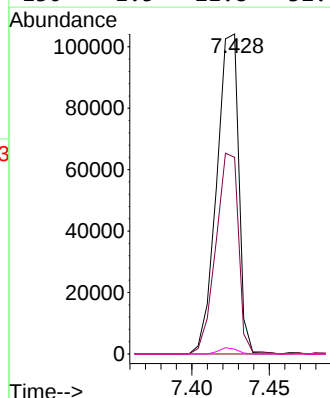
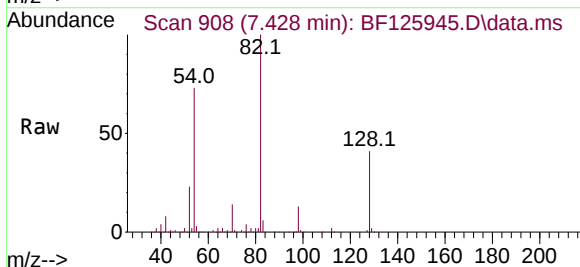
Instrument :
BNA_F
ClientSampleId :
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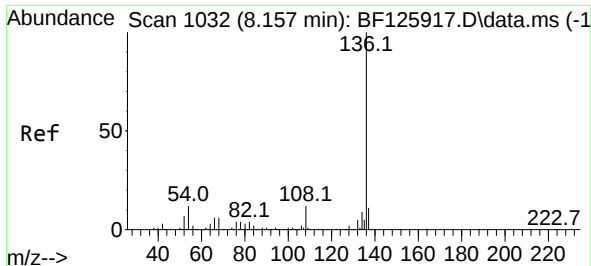
Tgt Ion: 99 Resp: 1170500
Ion Ratio Lower Upper
99 100
42 27.6 23.5 35.3
71 39.1 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 11.931 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion: 70 Resp: 103142
Ion Ratio Lower Upper
70 100
42 61.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

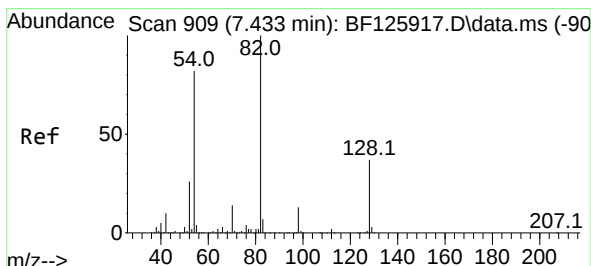
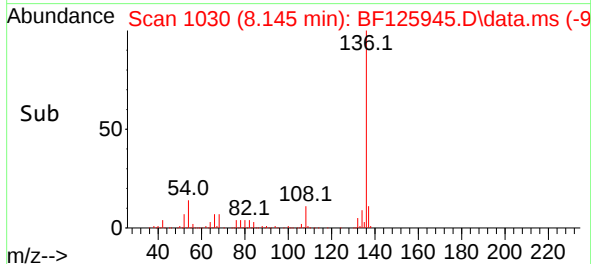
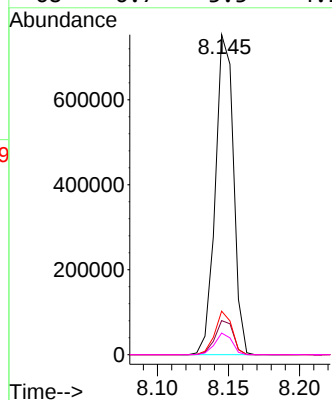
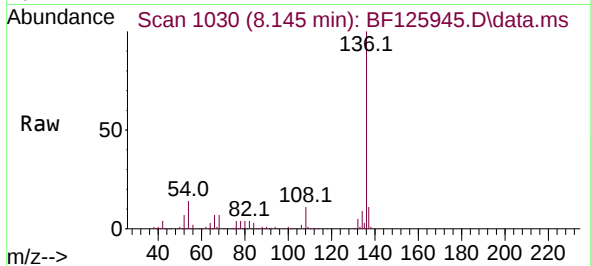




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

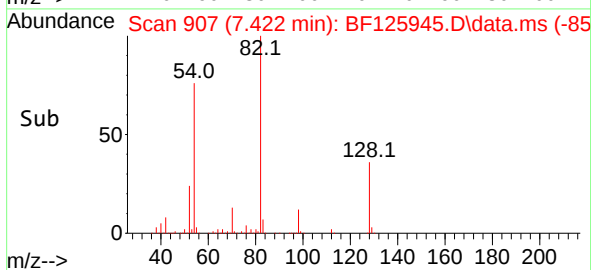
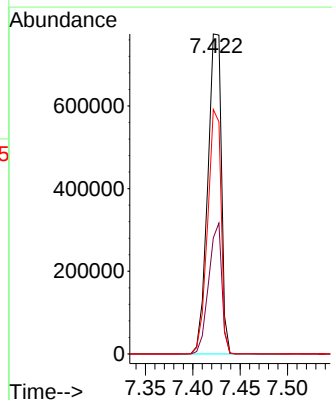
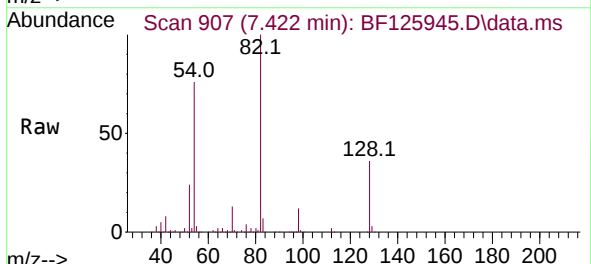
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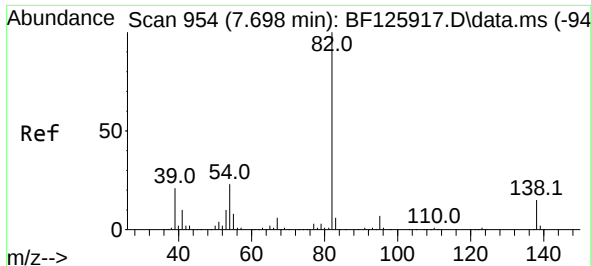
Tgt Ion:	136	Resp:	669655
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	13.6	6.4	9.6#
68	6.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 59.836 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:	82	Resp:	775742
Ion Ratio	Lower	Upper	
82	100		
128	36.3	40.6	60.8#
54	76.4	49.6	74.4#

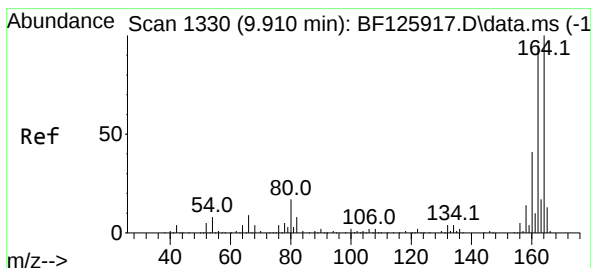
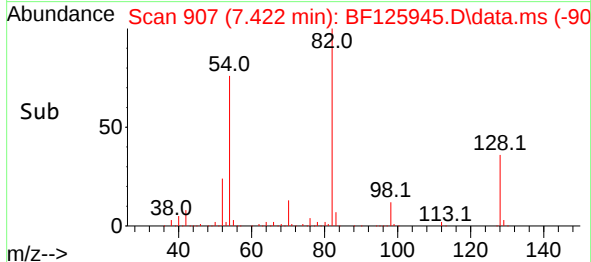
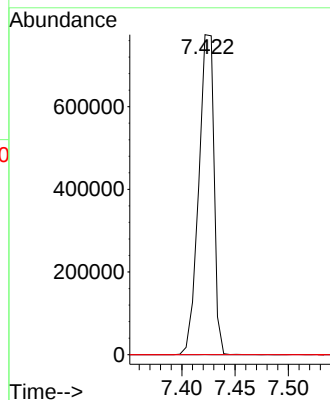
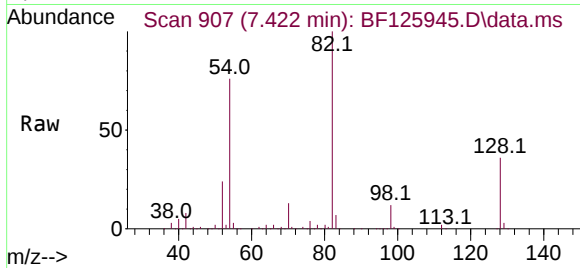




#25
Isophorone
Concen: 31.405 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.276 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

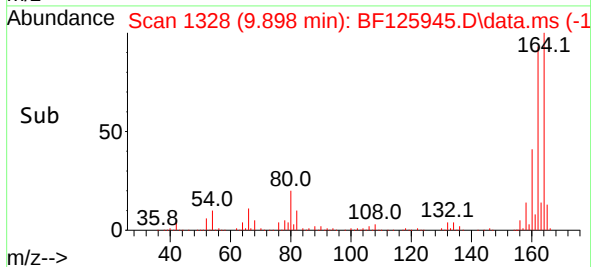
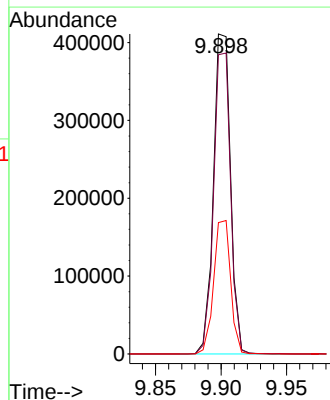
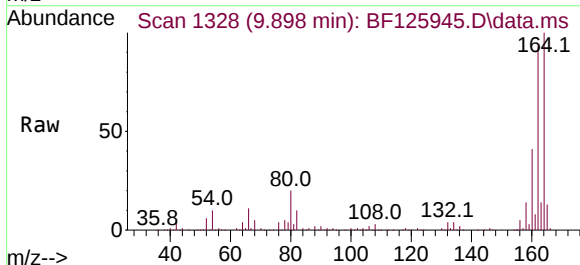
Instrument :
BNA_F
ClientSampleId :
MH-DD-S

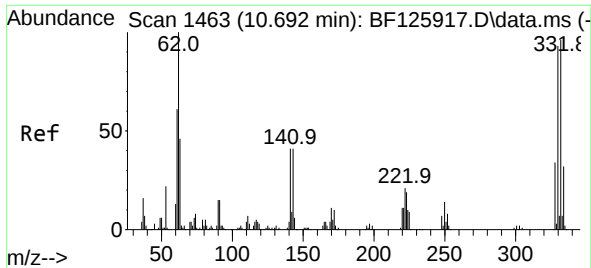
Tgt Ion: 82 Resp: 775363
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion: 164 Resp: 372123
Ion Ratio Lower Upper
164 100
162 93.5 81.3 121.9
160 41.0 38.0 57.0

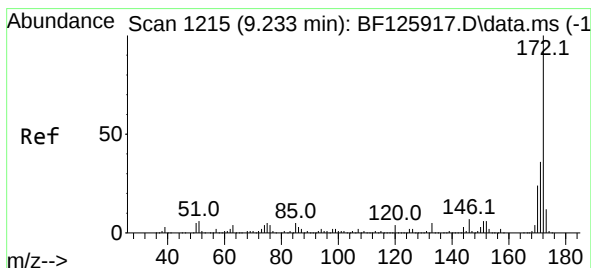
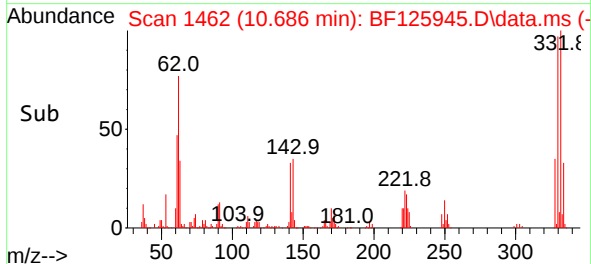
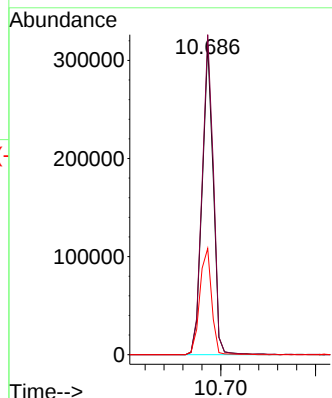
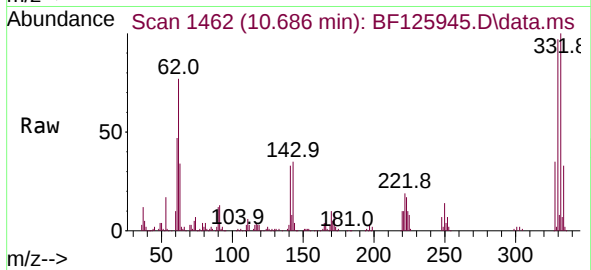




#42
2,4,6-Tribromophenol
Concen: 79.175 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

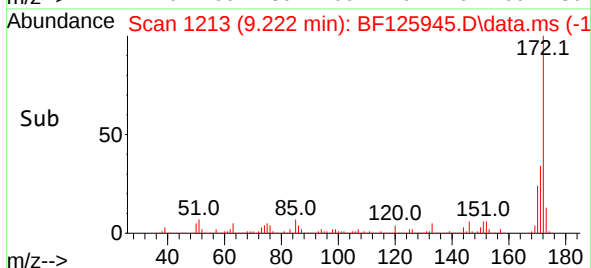
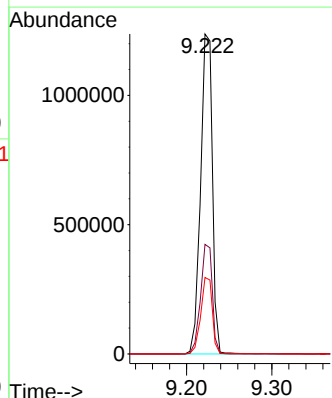
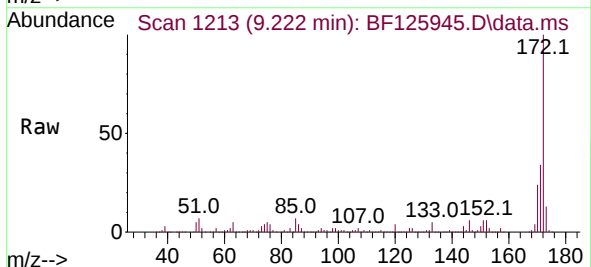
Instrument :
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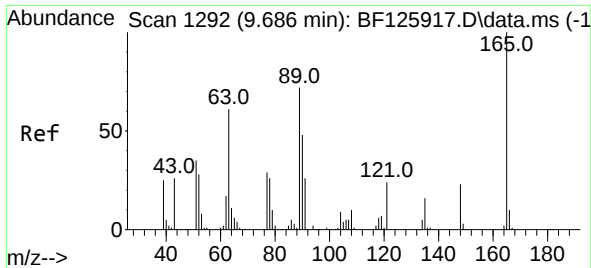
Tgt Ion: 330 Resp: 256841
Ion Ratio Lower Upper
330 100
332 104.3 76.2 114.4
141 36.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 56.695 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion: 172 Resp: 1193000
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.9 18.8 28.2

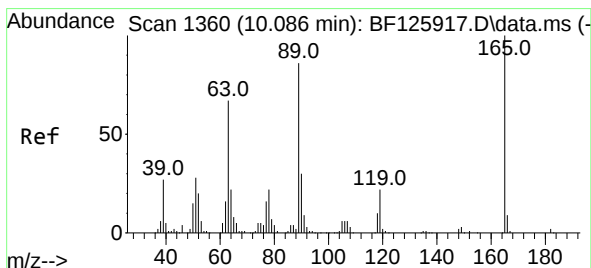
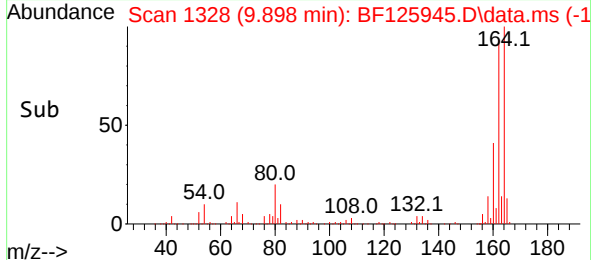
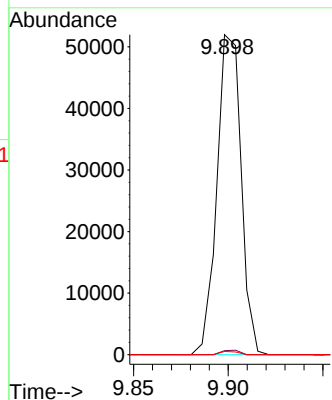
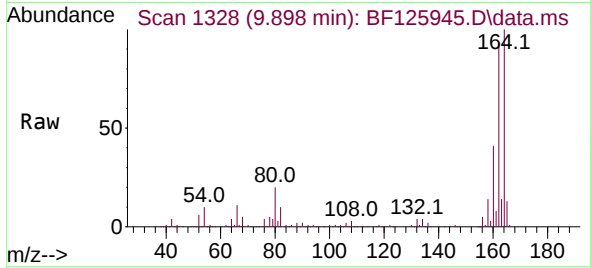




#51
2,6-Dinitrotoluene
Concen: 10.189 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

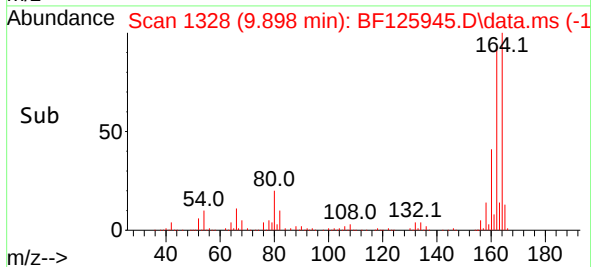
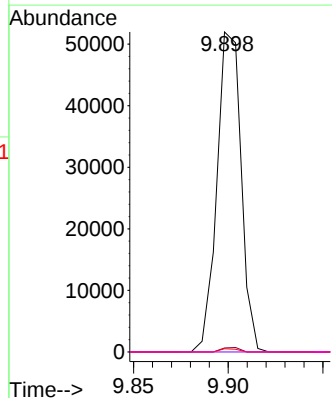
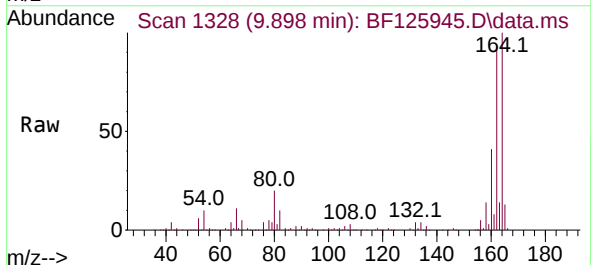
Instrument :
BNA_F
ClientSampleId :
MH-DD-S

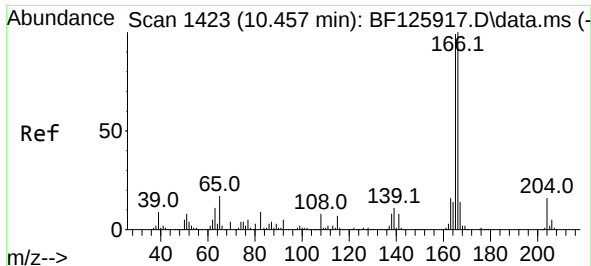
Tgt Ion:165 Resp: 46323
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.295 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:165 Resp: 46323
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

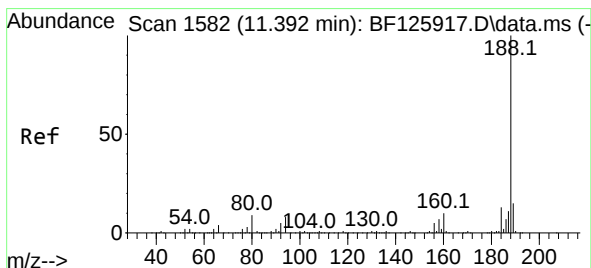
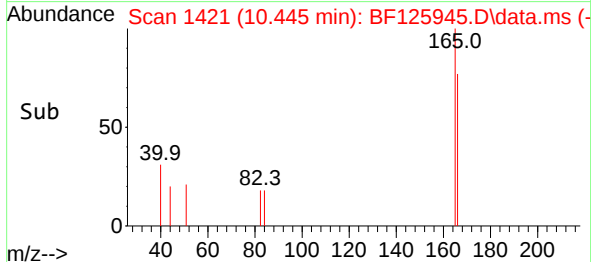
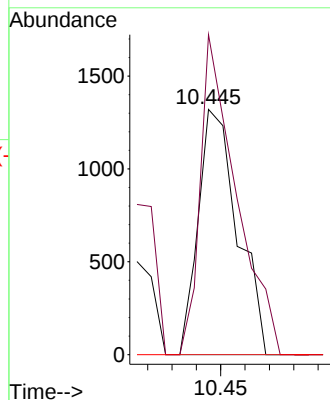
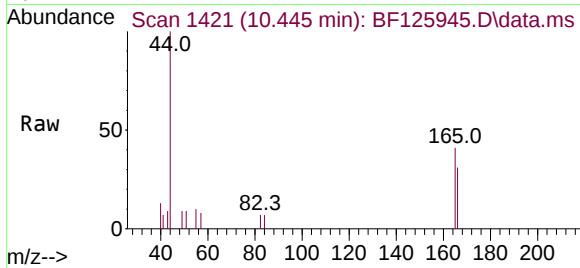




#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

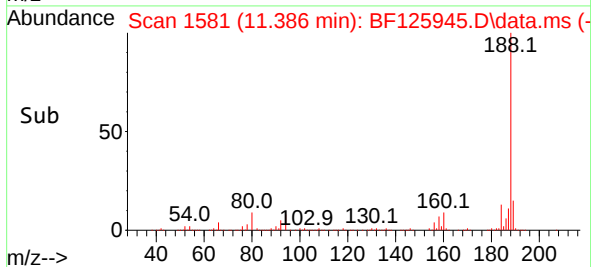
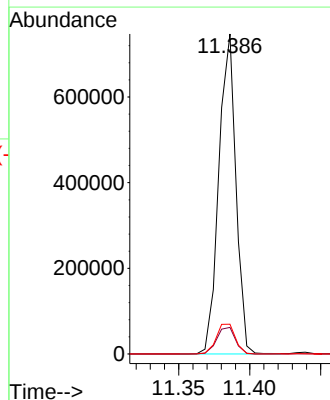
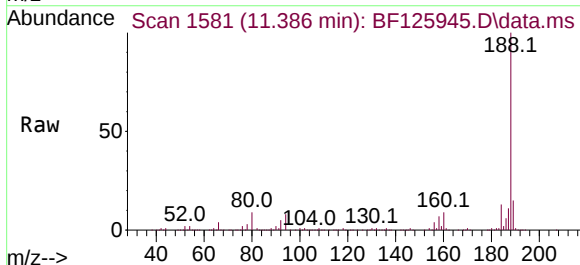
Instrument :
BNA_F
ClientSampled :
MH-DD-S

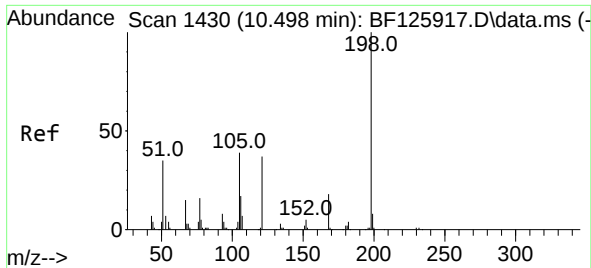
Tgt Ion:166 Resp: 1480
Ion Ratio Lower Upper
166 100
165 130.4 78.1 117.1#
167 0.0 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:188 Resp: 624732
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.3 7.5 11.3

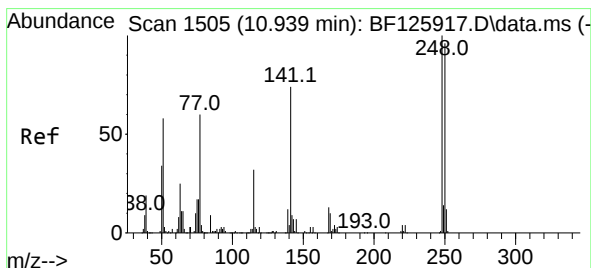
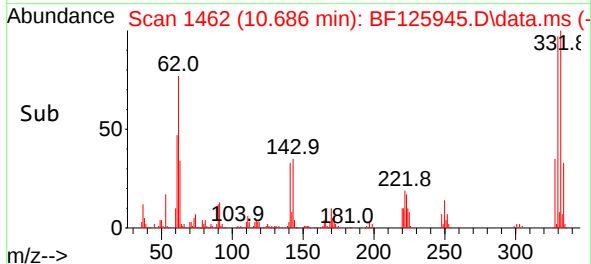
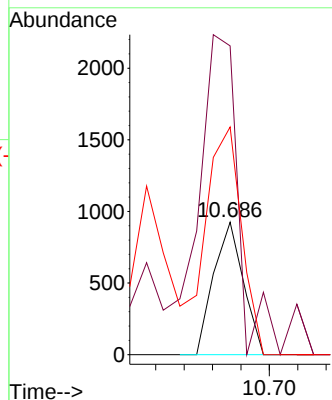
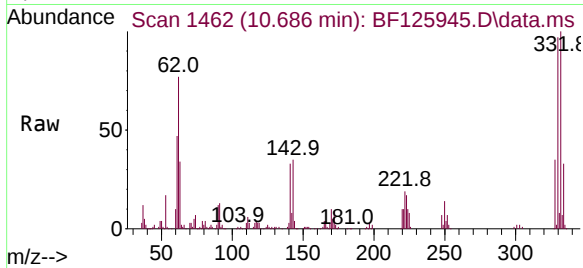




#65
4,6-Dinitro-2-methylphenol
Concen: 6.279 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

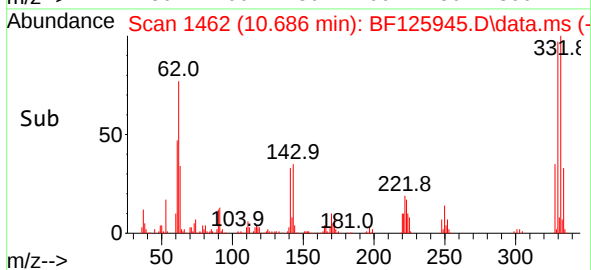
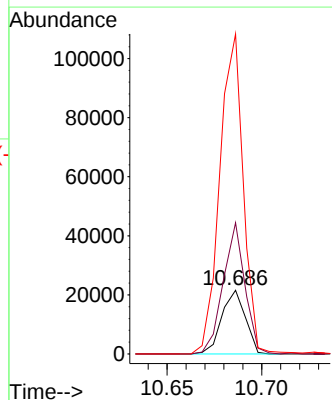
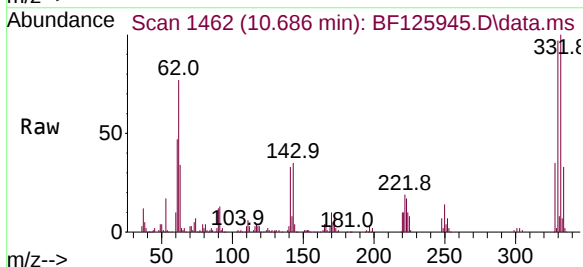
Instrument :
BNA_F
ClientSampleId :
MH-DD-S

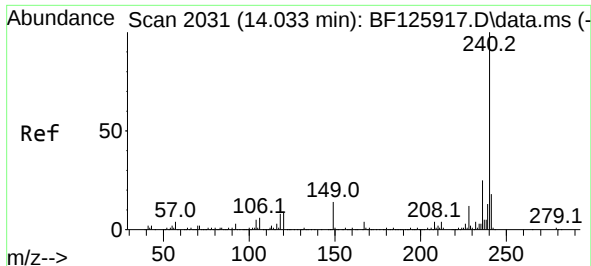
Tgt Ion:198 Resp: 670
Ion Ratio Lower Upper
198 100
51 233.1 45.3 85.3#
105 171.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.795 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:248 Resp: 18653
Ion Ratio Lower Upper
248 100
250 206.1 74.2 111.4#
141 502.6 60.4 90.6#

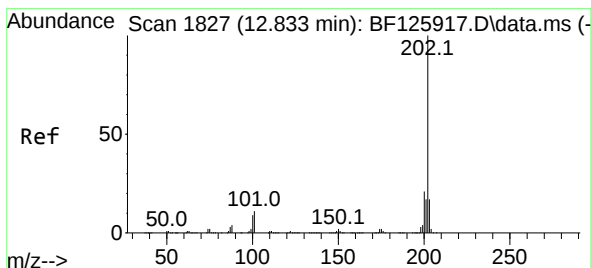
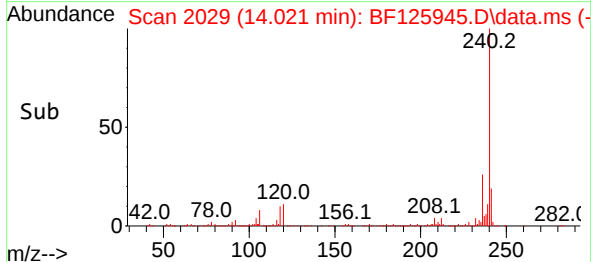
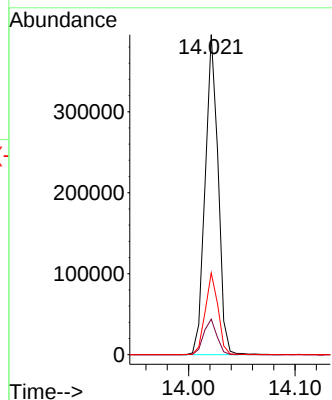
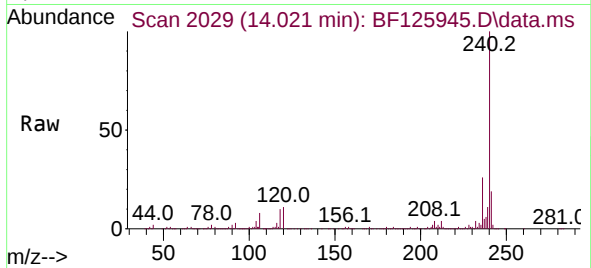




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

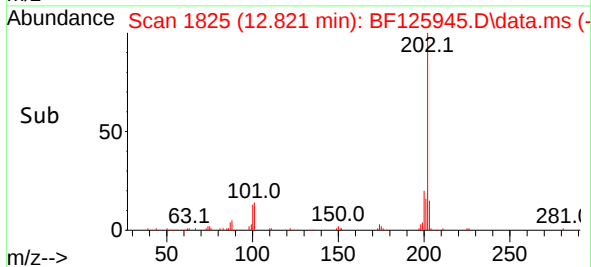
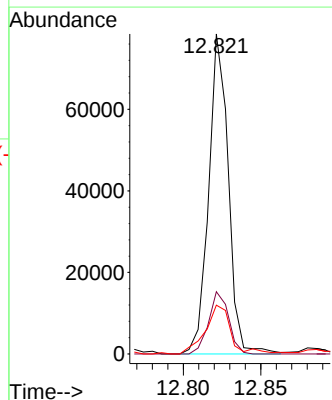
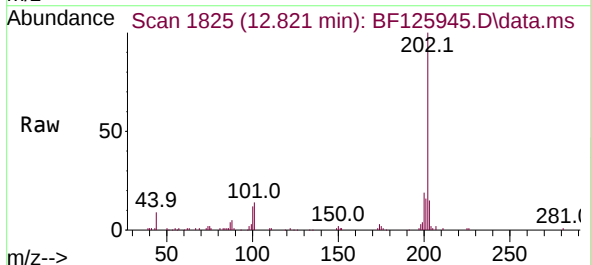
Instrument :
BNA_F
ClientSampleId :
MH-DD-S

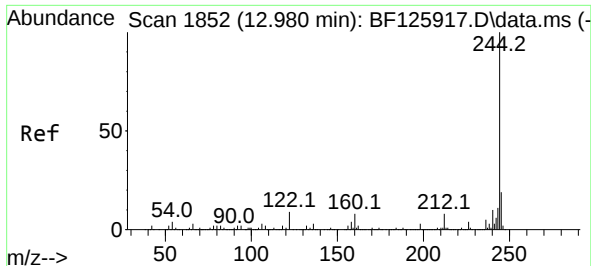
Tgt Ion:240 Resp: 334884
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.6 21.6 32.4



#78
Pyrene
Concen: 2.219 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:202 Resp: 69147
Ion Ratio Lower Upper
202 100
200 19.5 15.3 22.9
203 15.2 13.4 20.0

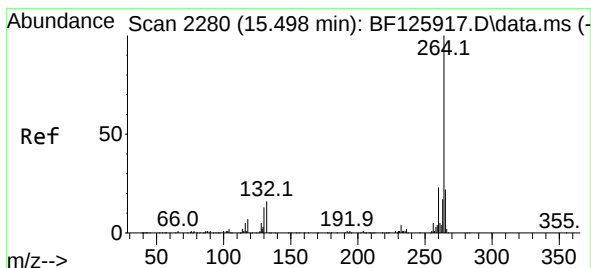
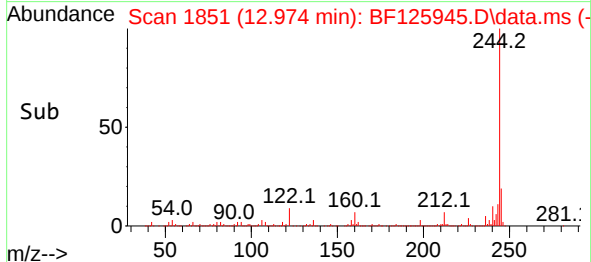
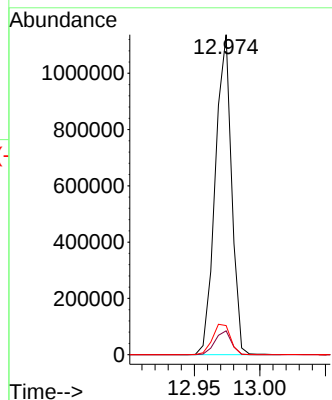
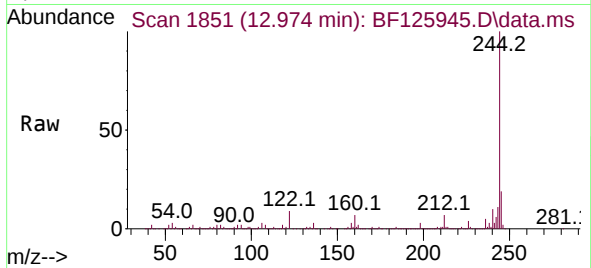




#79
Terphenyl-d14
Concen: 47.929 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

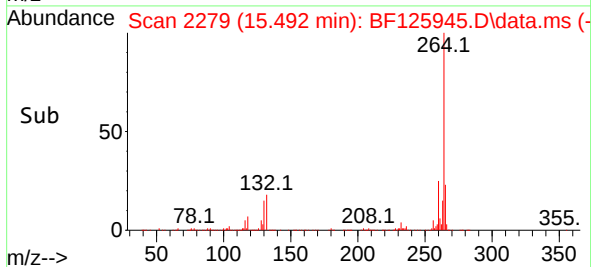
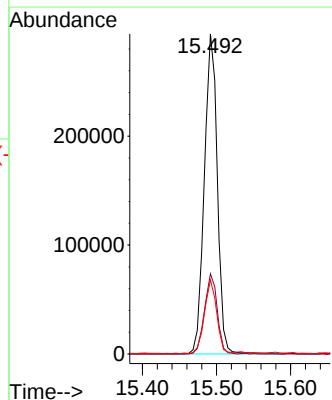
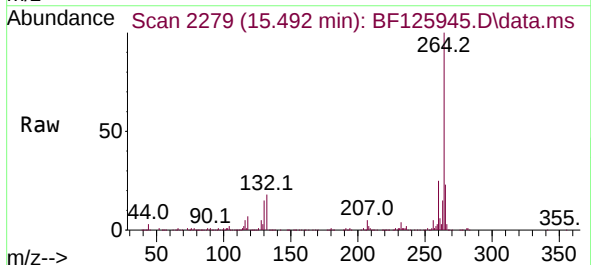
Instrument :
BNA_F
ClientSampleId :
MH-DD-S

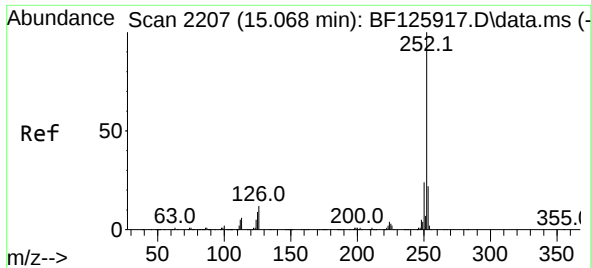
Tgt Ion:244 Resp: 981251
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 9.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:264 Resp: 358433
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 23.2 17.2 25.8

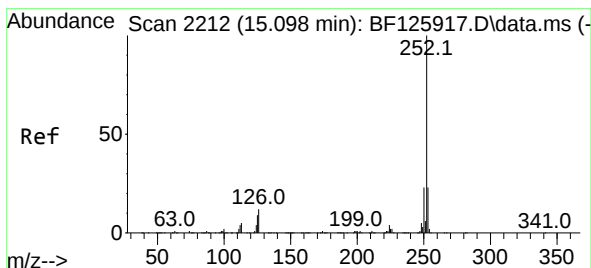
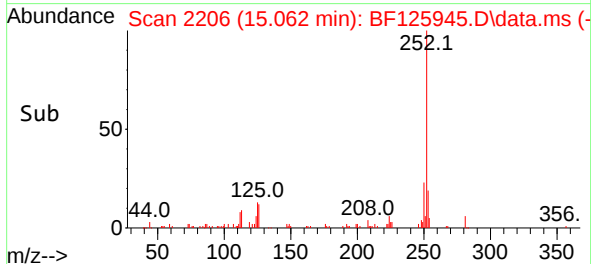
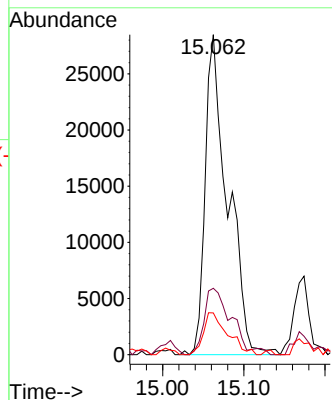
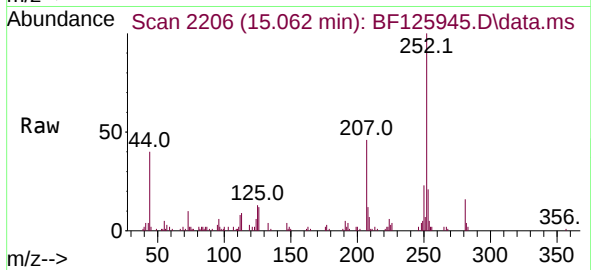




#88
Benzo(b)fluoranthene
Concen: 2.321 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Instrument :
BNA_F
ClientSampleId :
MH-DD-S

Tgt Ion:252 Resp: 54915
Ion Ratio Lower Upper
252 100
253 20.7 16.8 25.2
125 13.0 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 2.416 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.035 min
Lab File: BF125945.D
Acq: 26 Oct 2021 21:11

Tgt Ion:252 Resp: 54915
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.8
125 13.0 7.2 10.8#

