

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125932.D
 Acq On : 26 Oct 2021 13:46
 Operator : JU/CG
 Sample : M4325-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-2-1934

Quant Time: Oct 26 14:44:31 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)

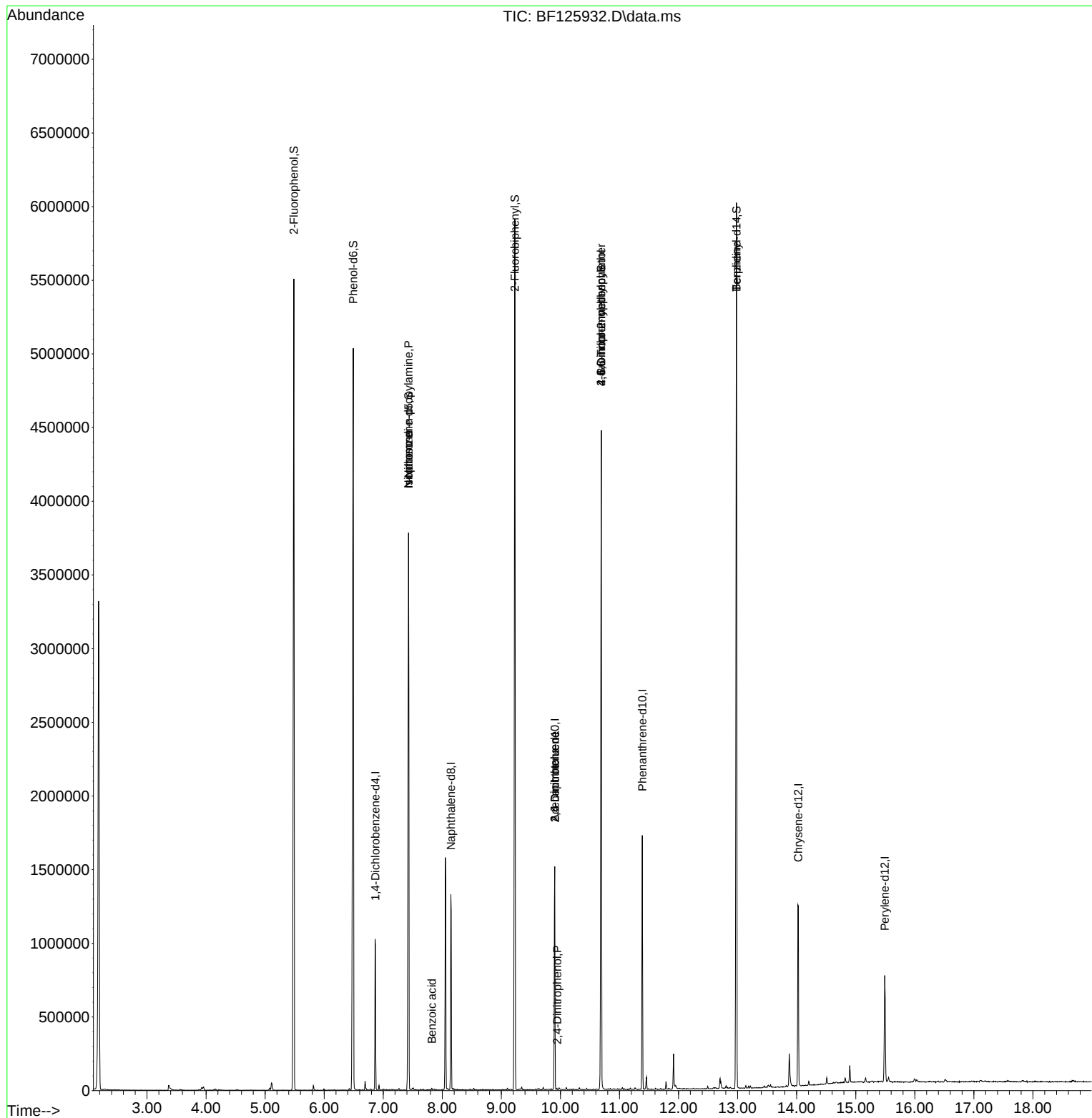
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	131741	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	547269	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	305735	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	566979	20.000	ng	0.00
76) Chrysene-d12	14.027	240	434618	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	308389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1412311	159.683	ng	0.00
7) Phenol-d6	6.492	99	1775524	146.363	ng	0.00
23) Nitrobenzene-d5	7.428	82	1236162	116.674	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	468569	175.808	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1835808	106.187	ng	0.00
79) Terphenyl-d14	12.980	244	2162213	81.377	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	169264	24.422	ng	# 70
25) Isophorone	7.428	82	1236047	61.261	ng	# 59
32) Benzoic acid	7.822	122	1696	4.440	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	39135	10.477	ng	# 28
54) 2,4-Dinitrophenol	9.945	184	435	7.375	ng	# 75
57) 2,4-Dinitrotoluene	9.904	165	39135	8.529	ng	# 20
58) Fluorene	10.445	166	1603	Below Cal		# 80
65) 4,6-Dinitro-2-methylph...	10.692	198	1299	6.521	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	30563	5.046	ng	# 1
77) Benzidine	12.980	184	32462	2.394	ng	95

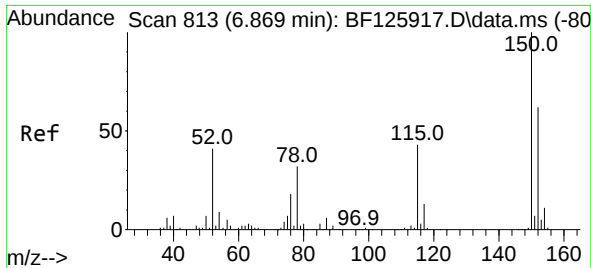
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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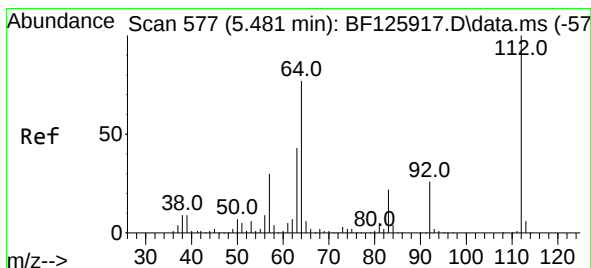
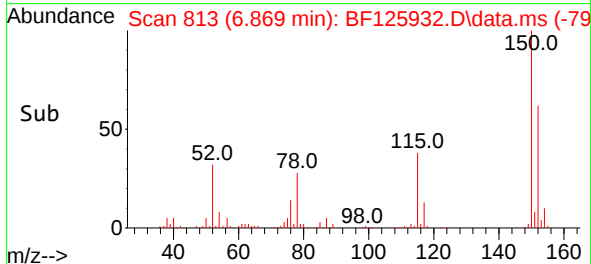
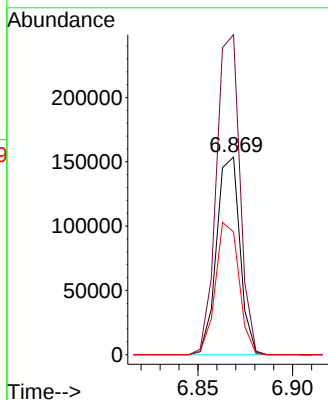
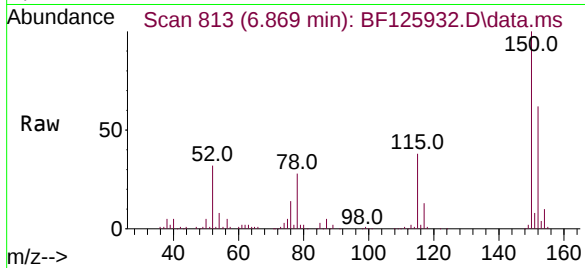




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

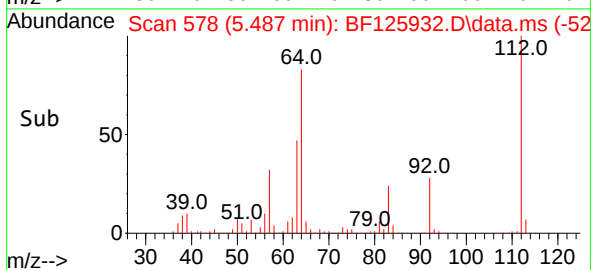
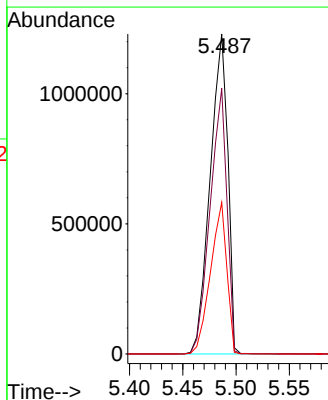
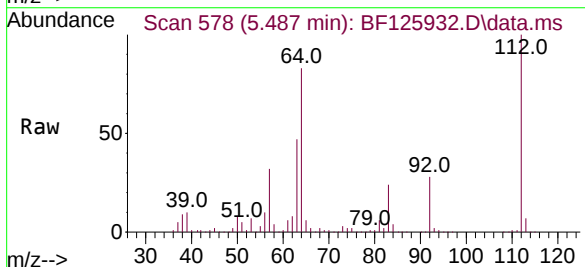
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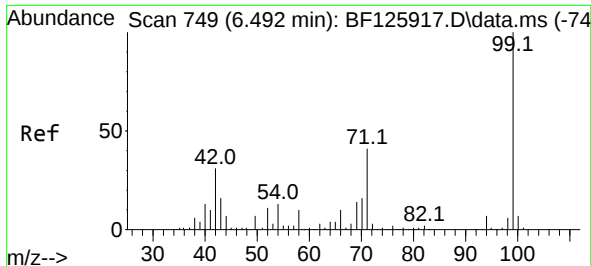
Tgt Ion:152 Resp: 131741
Ion Ratio Lower Upper
152 100
150 161.9 117.6 176.4
115 62.1 47.1 70.7



#5
2-Fluorophenol
Concen: 159.683 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:112 Resp: 1412311
Ion Ratio Lower Upper
112 100
64 83.0 44.2 66.2#
63 47.4 26.2 39.2#

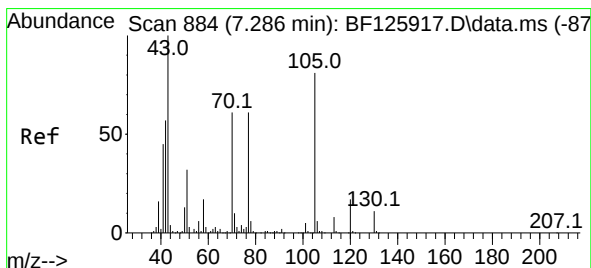
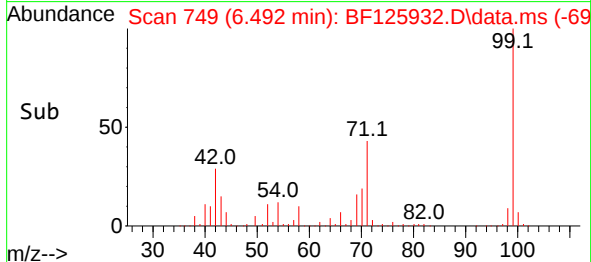
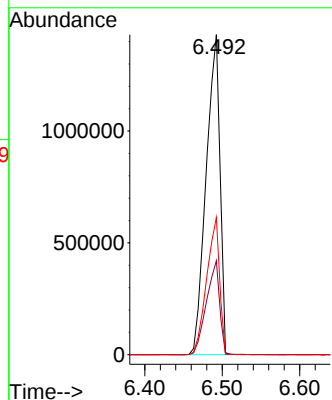
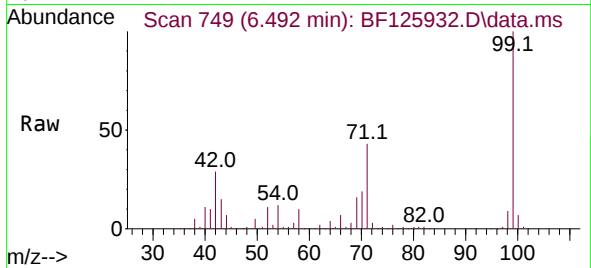




#7
Phenol-d6
Concen: 146.363 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

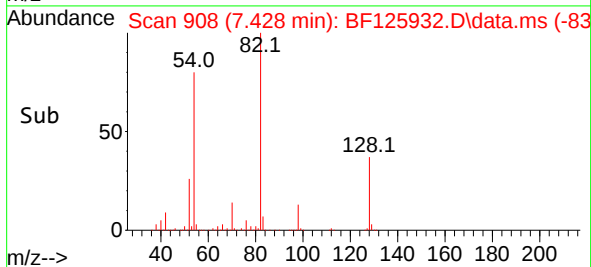
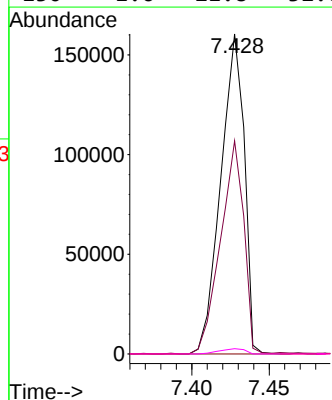
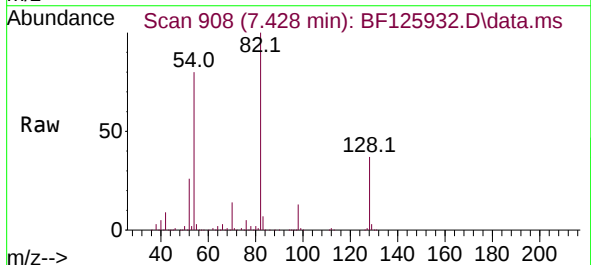
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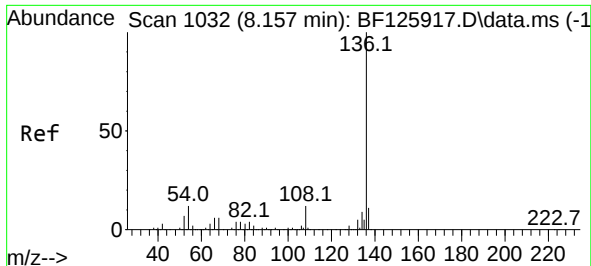
Tgt Ion: 99 Resp: 1775524
Ion Ratio Lower Upper
99 100
42 29.4 23.5 35.3
71 42.9 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 24.422 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion: 70 Resp: 169264
Ion Ratio Lower Upper
70 100
42 66.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

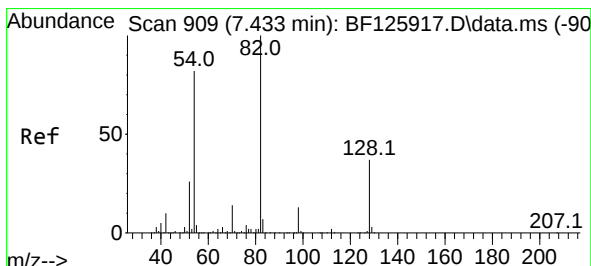
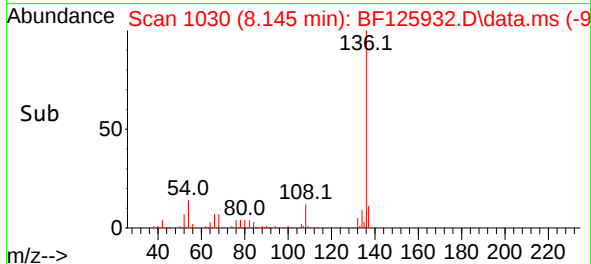
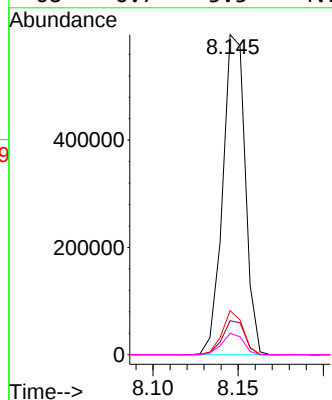
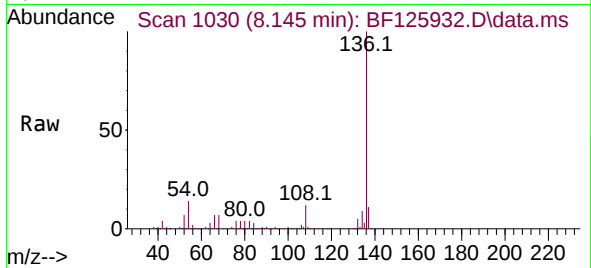




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

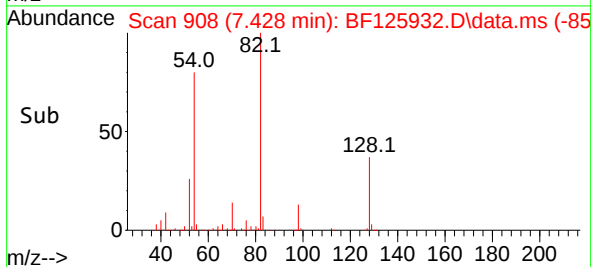
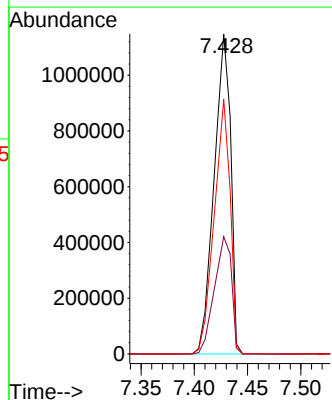
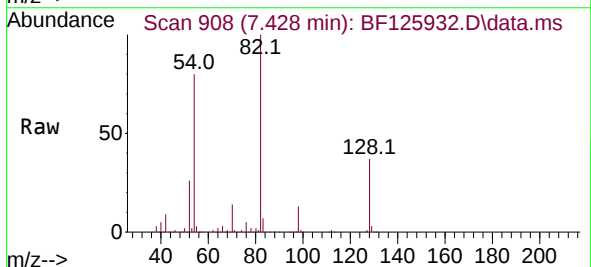
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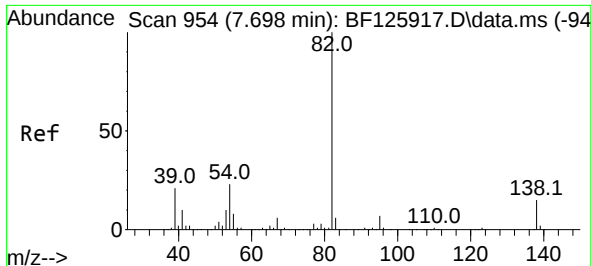
Tgt Ion:	136	Resp:	547269
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	13.7	6.4	9.6#
68	6.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 116.674 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:	82	Resp:	1236162
Ion	Ratio	Lower	Upper
82	100		
128	36.7	40.6	60.8#
54	79.6	49.6	74.4#

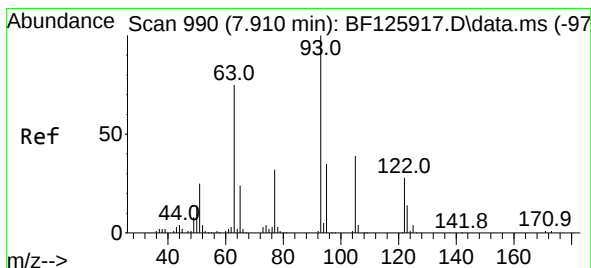
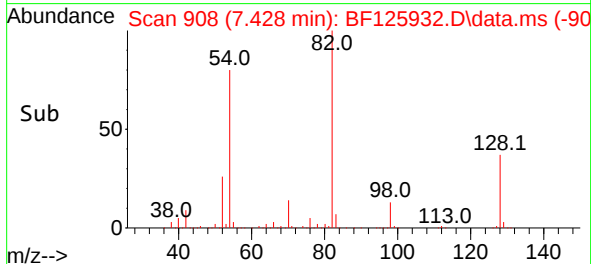
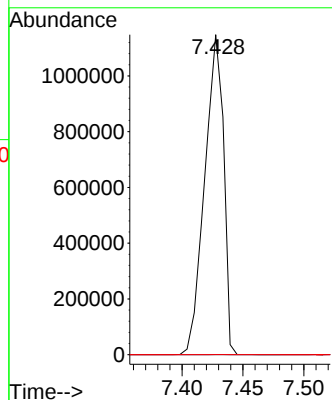
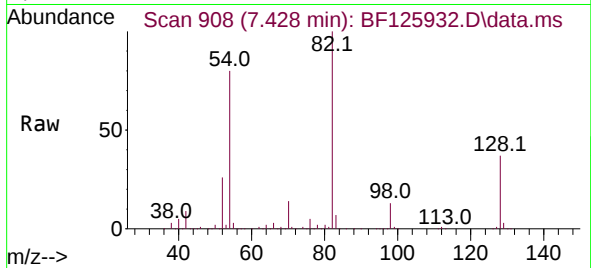




#25
Isophorone
Concen: 61.261 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

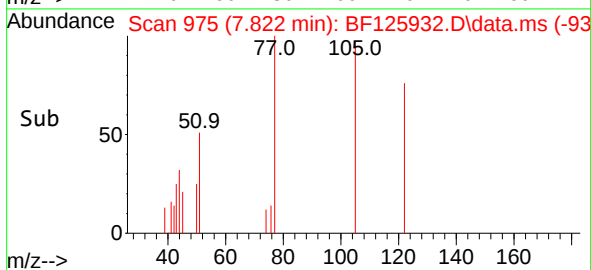
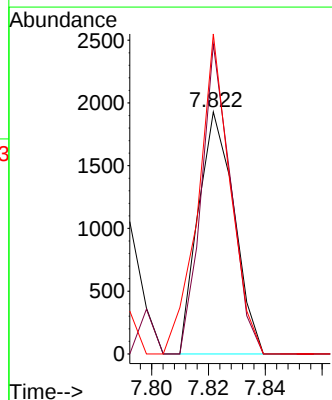
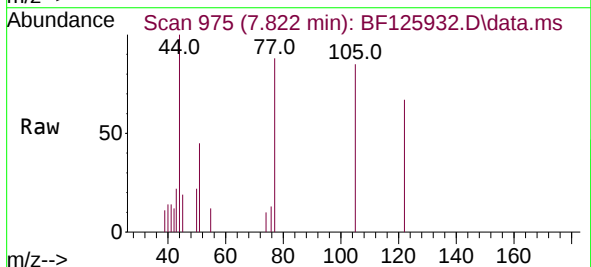
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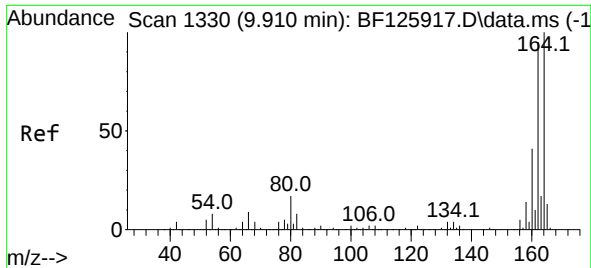
Tgt Ion: 82 Resp: 1236047
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.440 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.088 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:122 Resp: 1696
Ion Ratio Lower Upper
122 100
105 128.0 97.6 137.6
77 132.2 59.6 99.6#

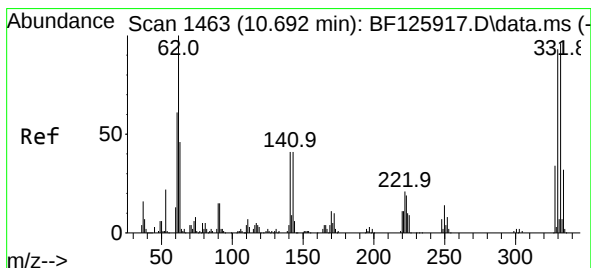
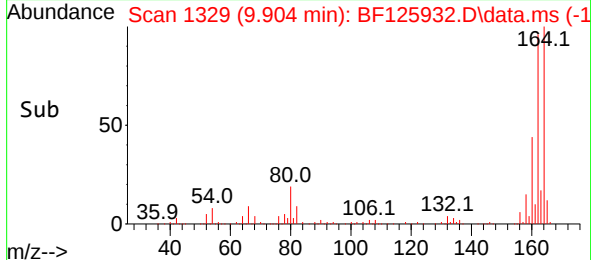
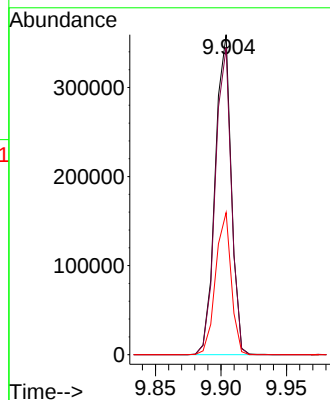
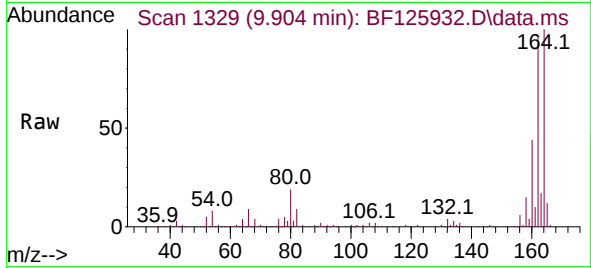




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

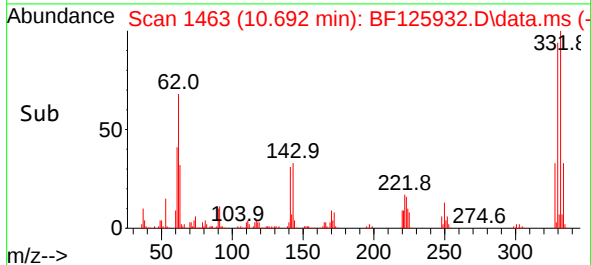
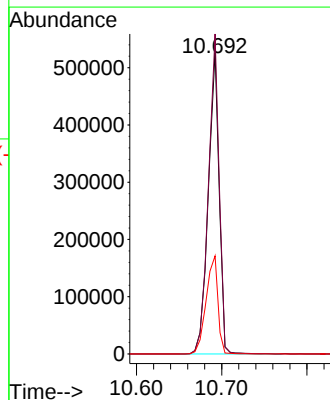
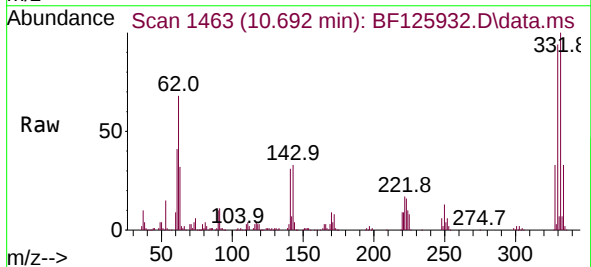
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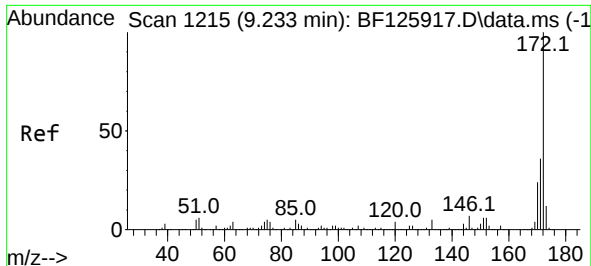
Tgt Ion:164 Resp: 305735
Ion Ratio Lower Upper
164 100
162 95.9 81.3 121.9
160 44.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 175.808 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:330 Resp: 468569
Ion Ratio Lower Upper
330 100
332 104.7 76.2 114.4
141 35.1 44.6 66.8#

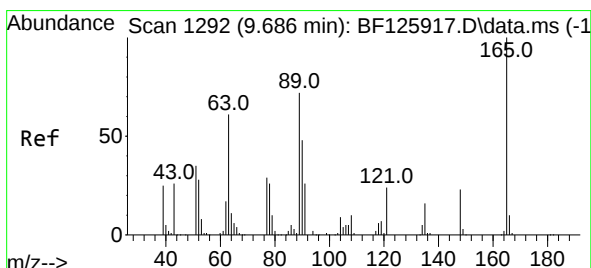
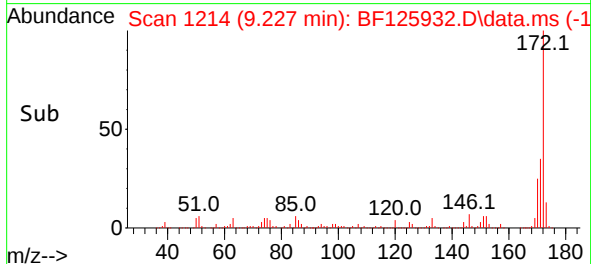
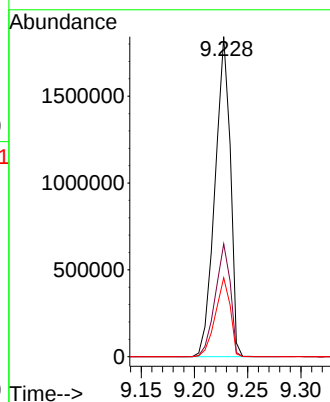
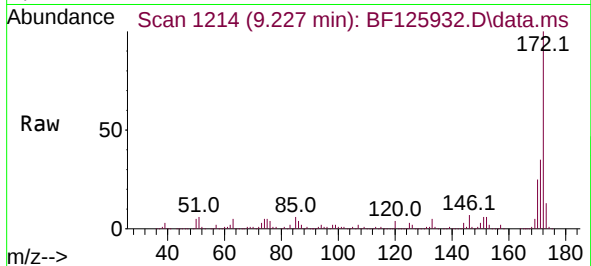




#45
2-Fluorobiphenyl
Concen: 106.187 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

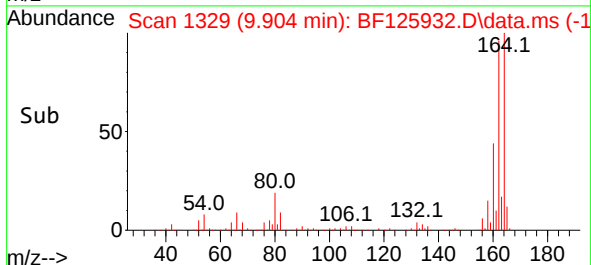
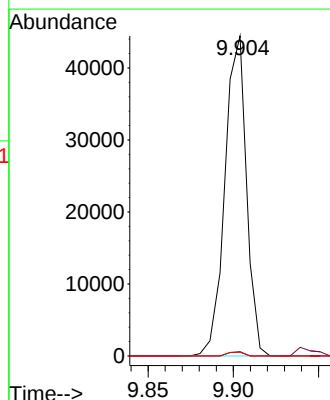
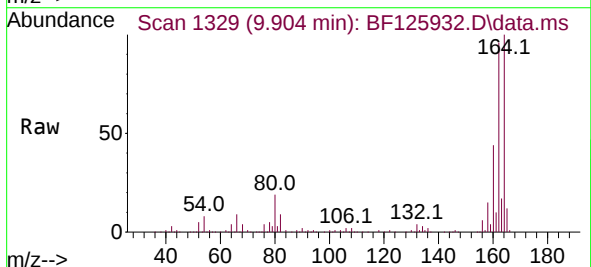
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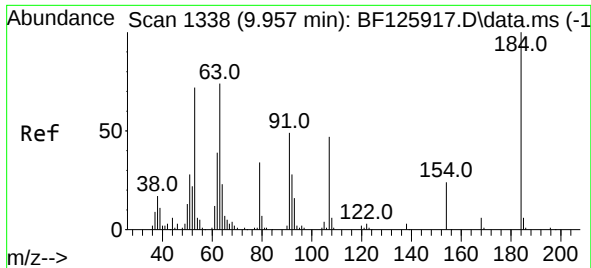
Tgt Ion:172 Resp: 1835808
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.477 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:165 Resp: 39135
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#

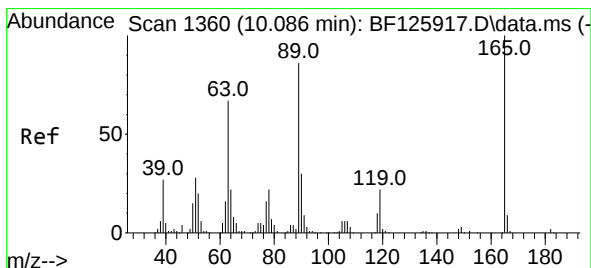
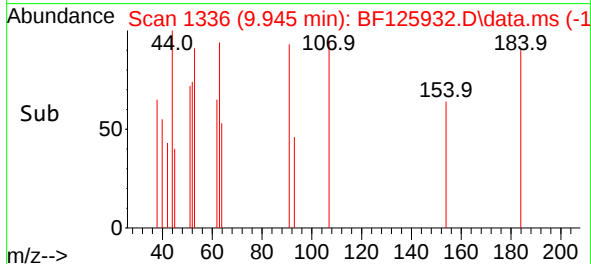
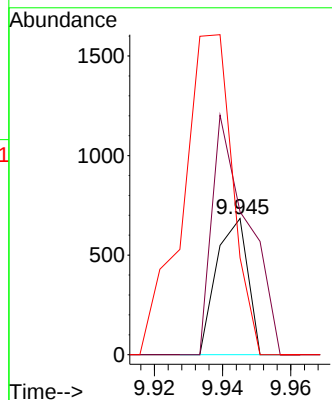
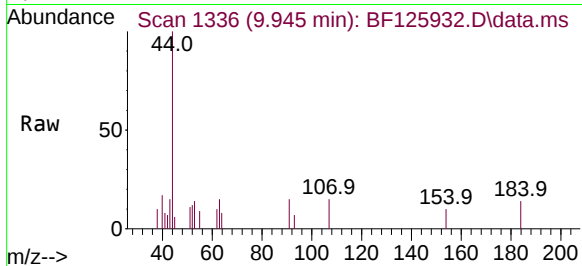




#54
2,4-Dinitrophenol
Concen: 7.375 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

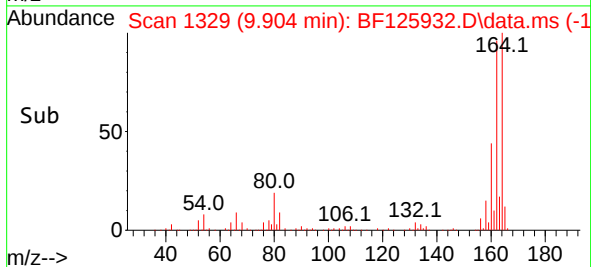
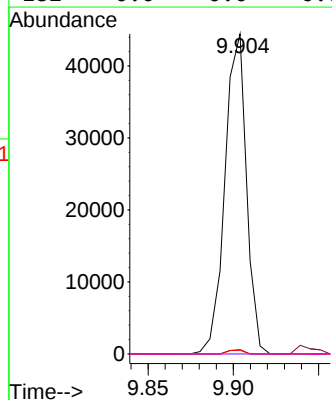
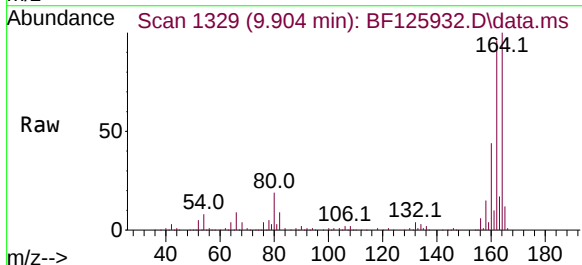
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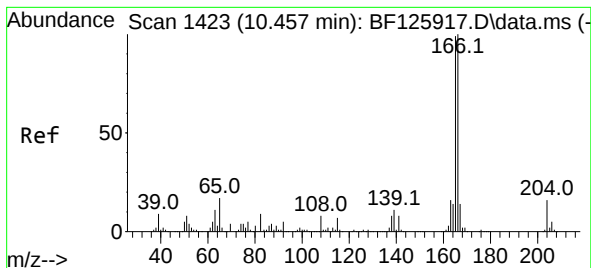
Tgt Ion:184 Resp: 435
Ion Ratio Lower Upper
184 100
63 105.0 59.3 88.9#
154 71.2 68.6 102.8



#57
2,4-Dinitrotoluene
Concen: 8.529 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:165 Resp: 39135
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

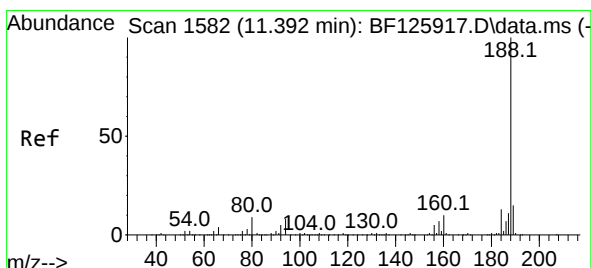
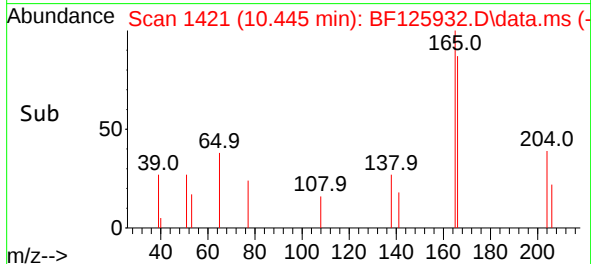
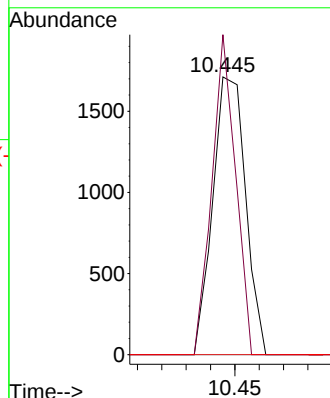
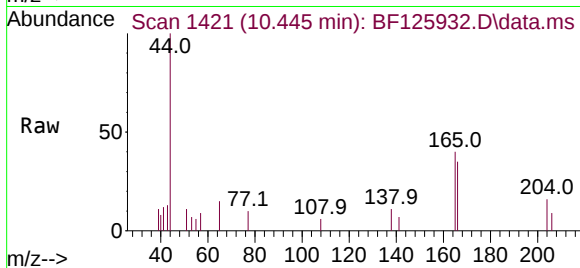




#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

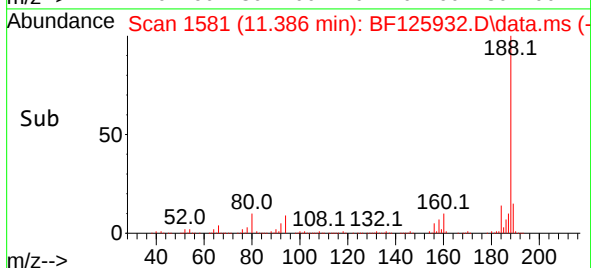
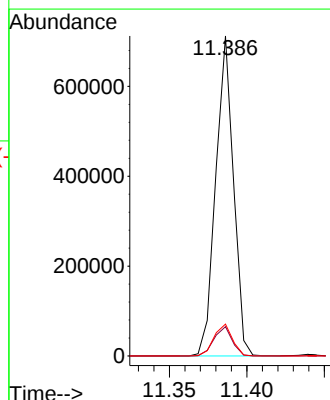
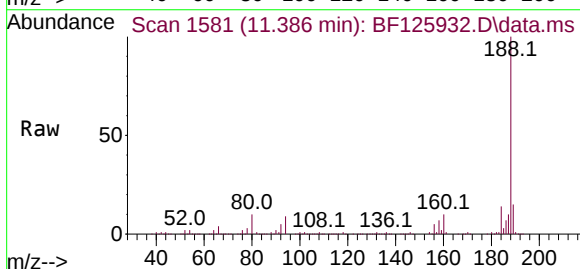
Instrument :
BNA_F
ClientSampleId :
RED-BOX-2-1934

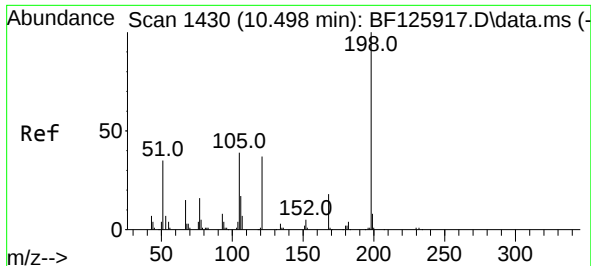
Tgt Ion:166 Resp: 1603
Ion Ratio Lower Upper
166 100
165 115.2 78.1 117.1
167 0.0 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:188 Resp: 566979
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.9 7.5 11.3

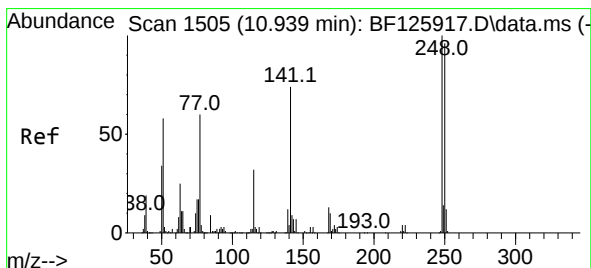
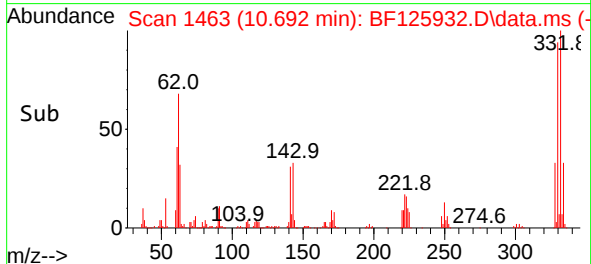
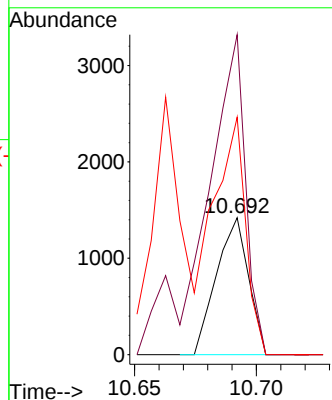
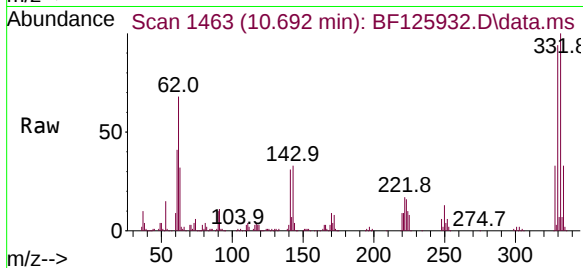




#65
4,6-Dinitro-2-methylphenol
Concen: 6.521 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

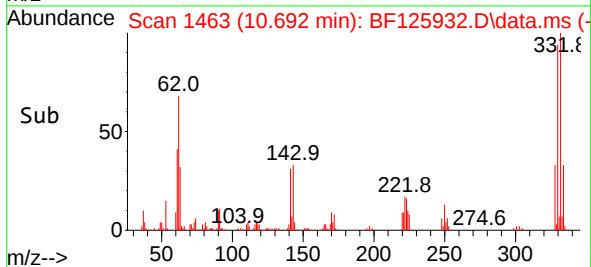
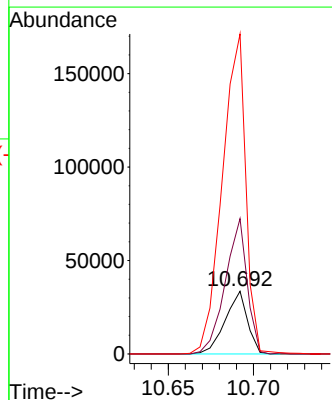
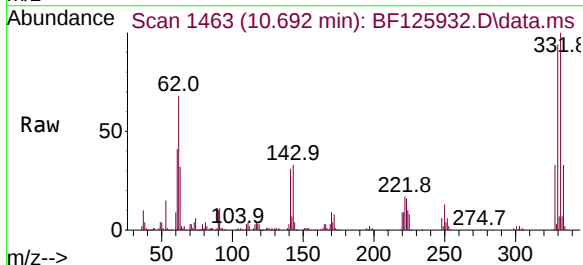
Instrument :
BNA_F
ClientSampleId :
RED-BOX-2-1934

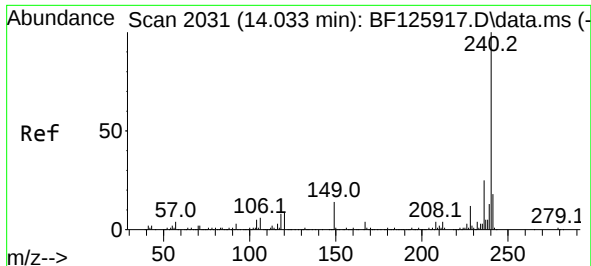
Tgt Ion:198 Resp: 1299
Ion Ratio Lower Upper
198 100
51 233.6 45.3 85.3#
105 173.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.046 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

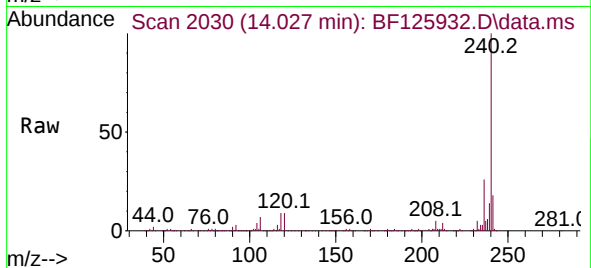
Tgt Ion:248 Resp: 30563
Ion Ratio Lower Upper
248 100
250 215.8 74.2 111.4#
141 510.0 60.4 90.6#



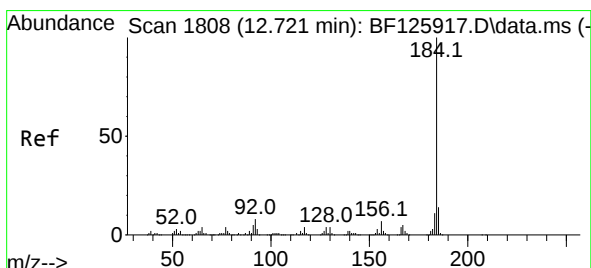
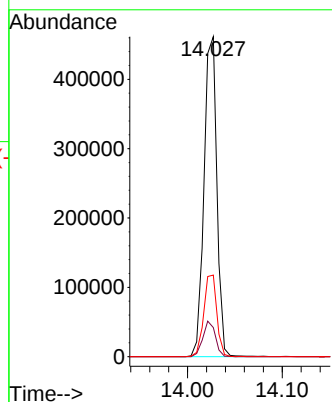
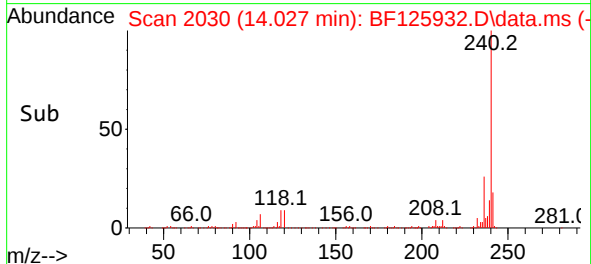


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

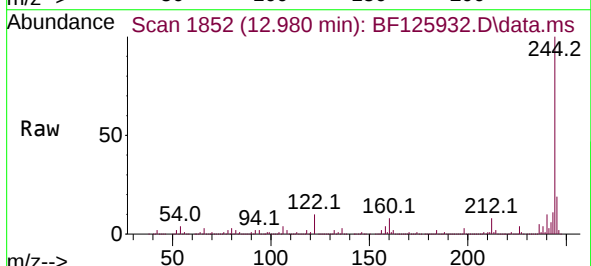
Instrument :
BNA_F
ClientSampleId :
RED-BOX-2-1934



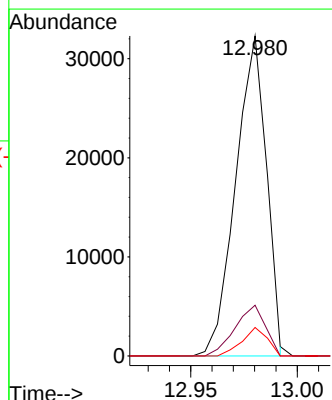
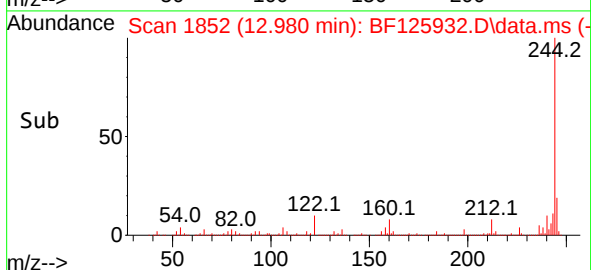
Tgt Ion:240 Resp: 434618
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.5 21.6 32.4

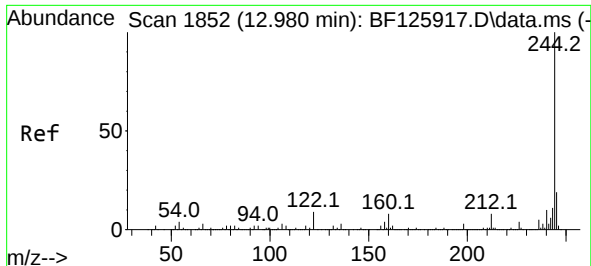


#77
Benzidine
Concen: 2.394 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46



Tgt Ion:184 Resp: 32462
Ion Ratio Lower Upper
184 100
185 15.9 10.8 16.2
183 8.9 8.1 12.1

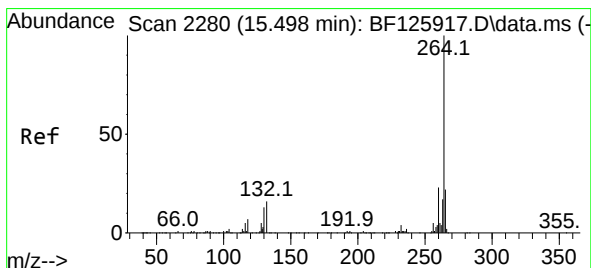
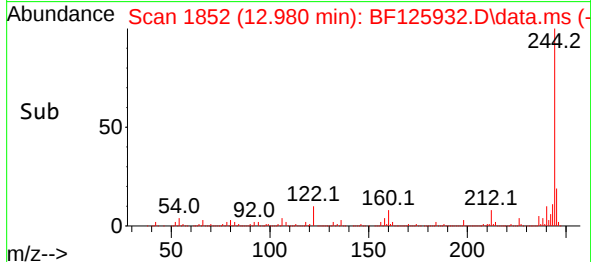
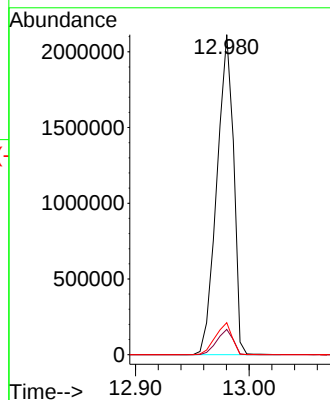
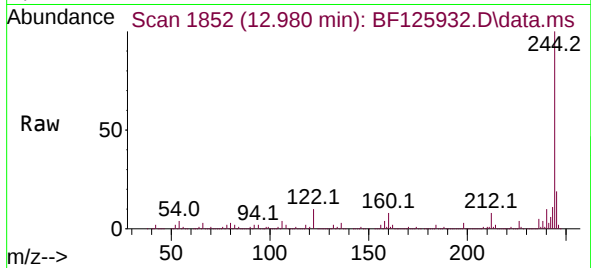




#79
 Terphenyl-d14
 Concen: 81.377 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF125932.D
 Acq: 26 Oct 2021 13:46

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-2-1934

Tgt Ion:244 Resp: 2162213
 Ion Ratio Lower Upper
 244 100
 212 7.9 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: BF125932.D
 Acq: 26 Oct 2021 13:46

Tgt Ion:264 Resp: 308389
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 22.2 17.2 25.8

