

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126177.D
 Acq On : 13 Nov 2021 19:52
 Operator : JU/CG
 Sample : M4607-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 368

Quant Time: Nov 15 10:00:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

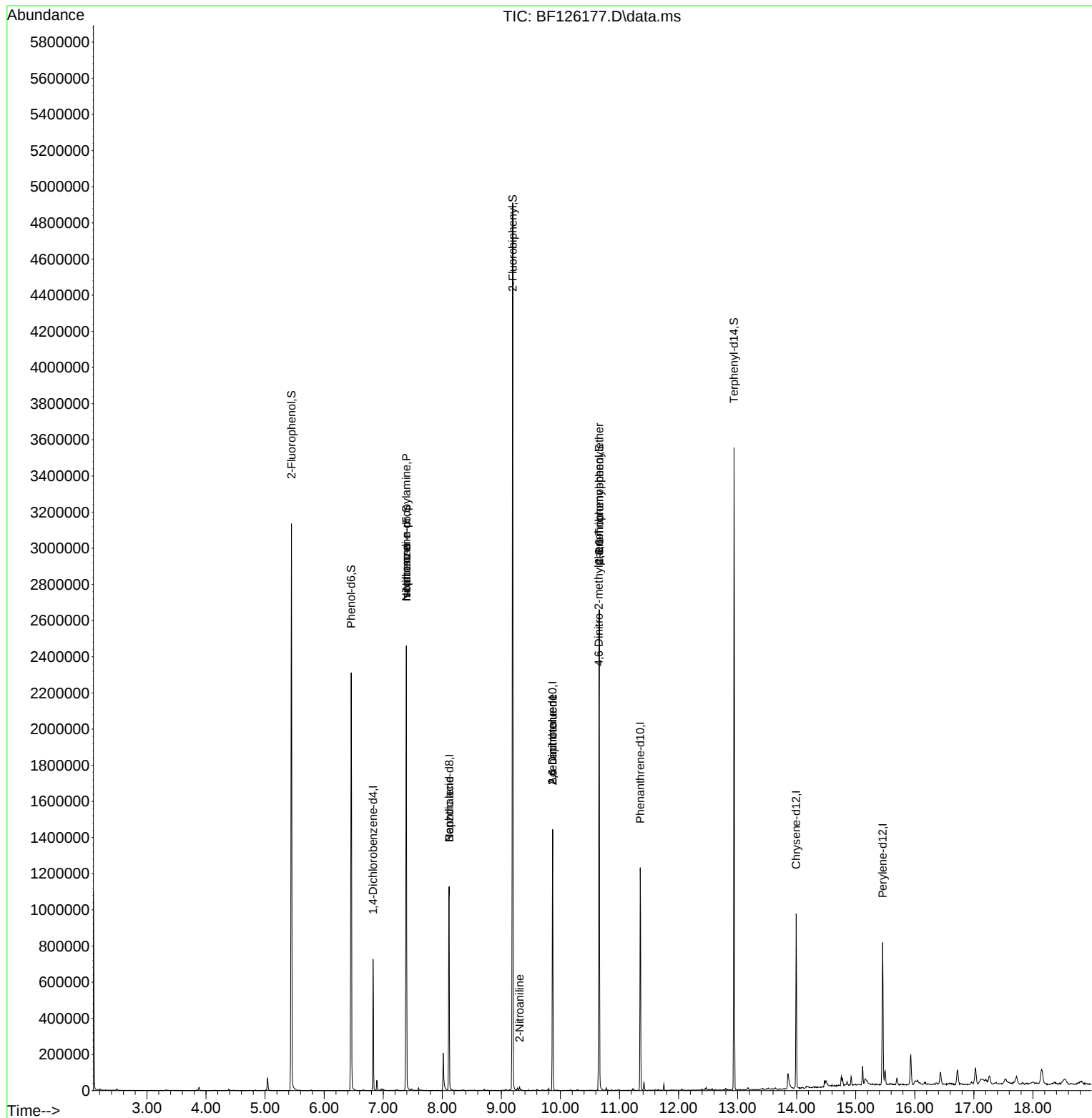
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	92235	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	476209	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	266473	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	427498	20.000	ng	0.00
76) Chrysene-d12	13.992	240	303343	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	350266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	695553	129.502	ng	0.00
7) Phenol-d6	6.457	99	667332	88.139	ng	-0.01
23) Nitrobenzene-d5	7.392	82	714226	70.732	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	287423	94.120	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1389038	70.442	ng	0.00
79) Terphenyl-d14	12.939	244	1109709	58.991	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	1590	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	101961	20.427	ng	# 60
25) Isophorone	7.392	82	714218	39.285	ng	# 59
32) Benzoic acid	8.116	122	110	9.164	ng	# 1
48) 2-Nitroaniline	9.310	65	114	2.869	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	34553	10.391	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	34553	9.903	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.651	198	700	8.598	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	18553	3.583	ng	# 1

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

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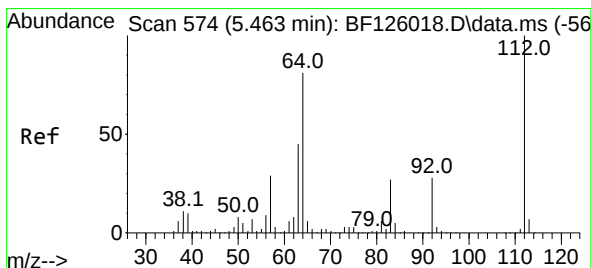
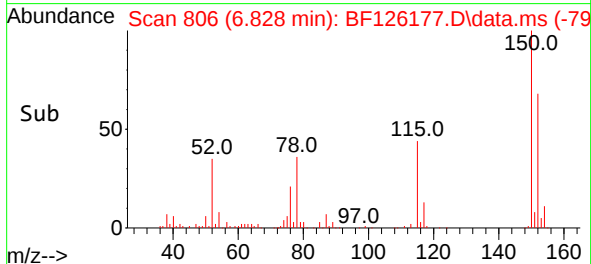
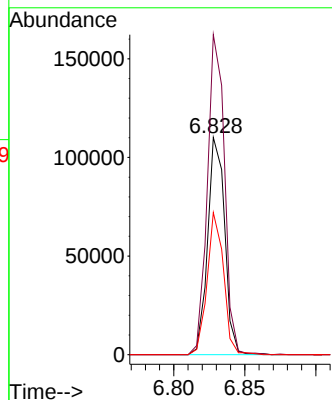
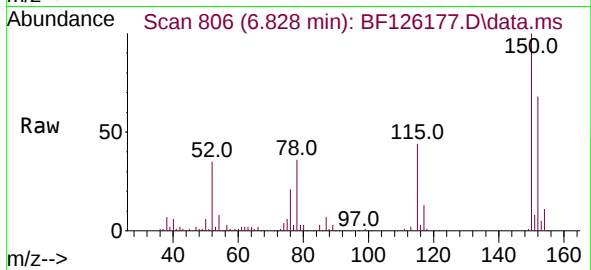




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

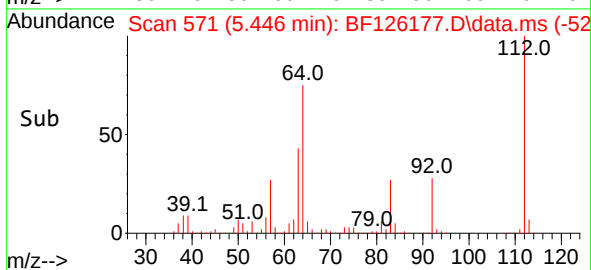
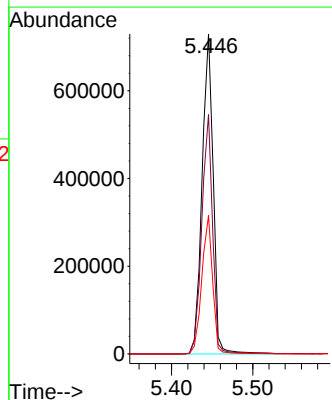
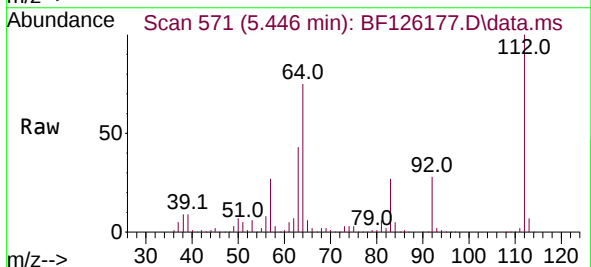
Instrument :
BNA_F
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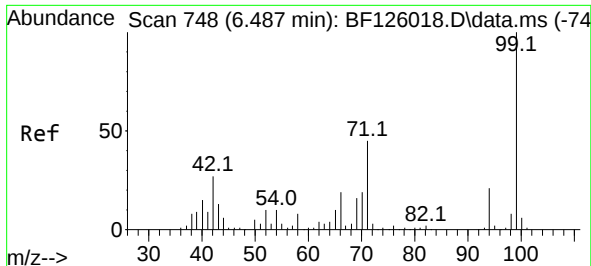
Tgt Ion:152 Resp: 92235
Ion Ratio Lower Upper
152 100
150 147.3 117.6 176.4
115 65.4 47.1 70.7



#5
2-Fluorophenol
Concen: 129.502 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:112 Resp: 695553
Ion Ratio Lower Upper
112 100
64 74.8 44.2 66.2#
63 43.3 26.2 39.2#

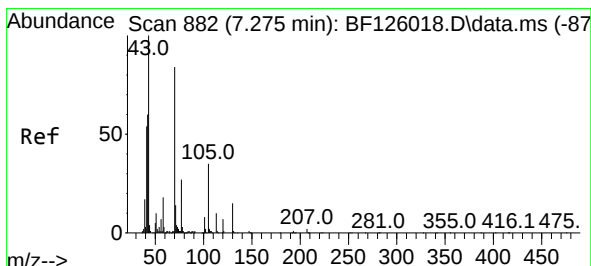
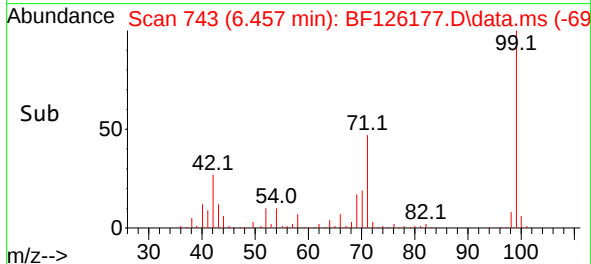
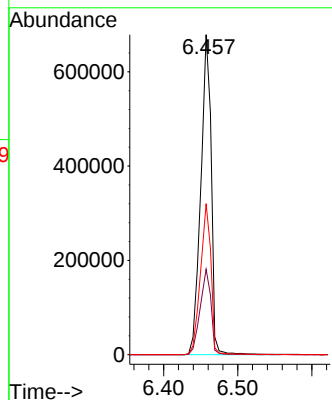
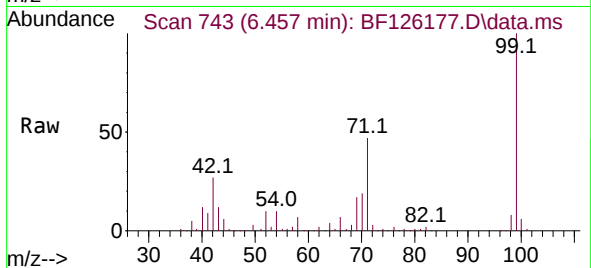




#7
Phenol-d6
Concen: 88.139 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

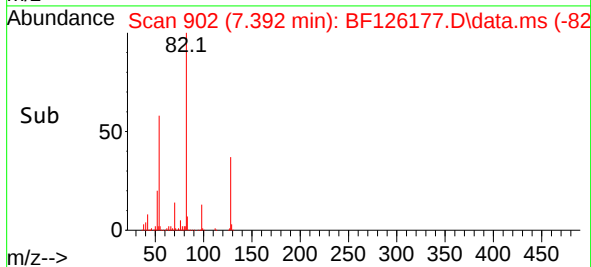
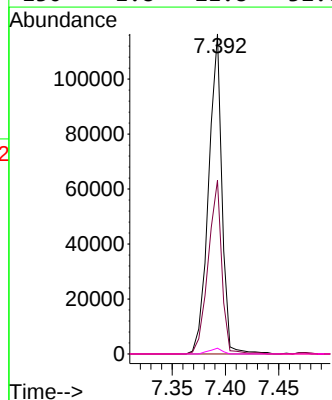
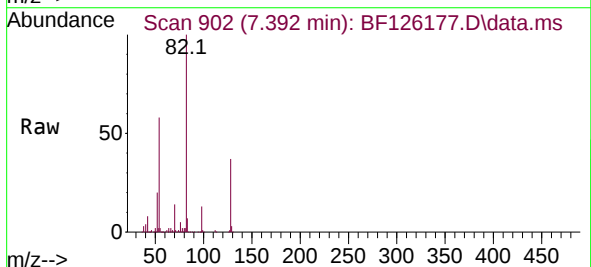
Instrument :
BNA_F
ClientSampleId :
368

Tgt Ion: 99 Resp: 667332
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 47.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.427 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion: 70 Resp: 101961
Ion Ratio Lower Upper
70 100
42 54.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

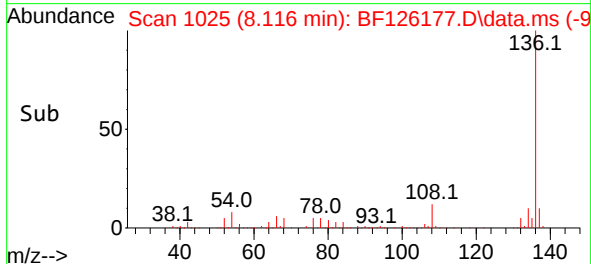
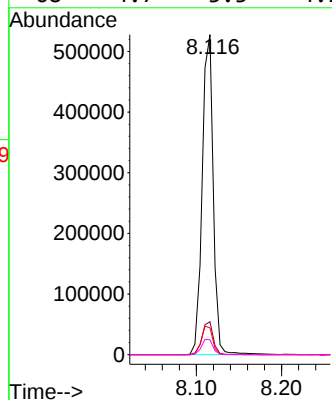
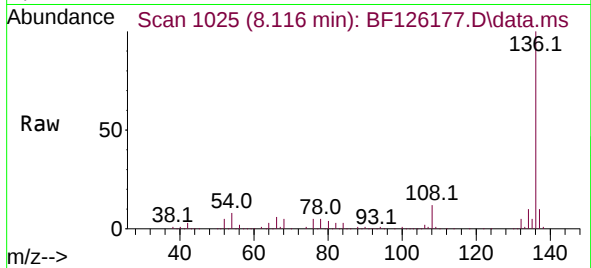




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

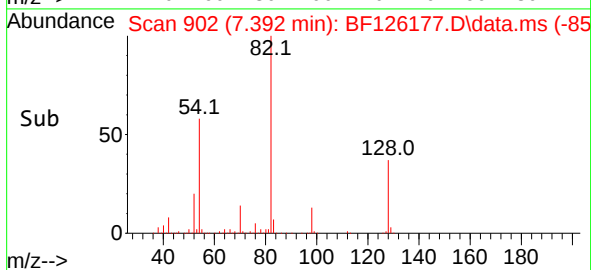
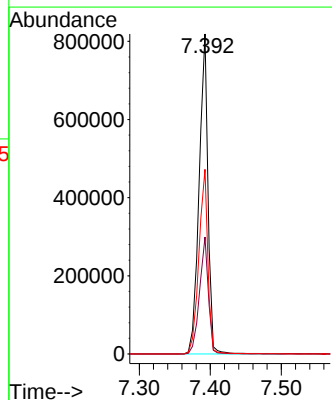
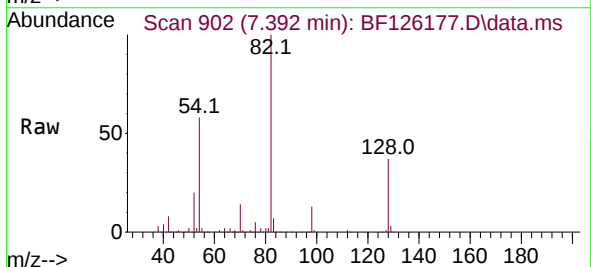
Instrument :
BNA_F
ClientSampleId :
368

Tgt Ion:	136	Resp:	476209
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	8.4	6.4	9.6
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 70.732 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:	82	Resp:	714226
Ion	Ratio	Lower	Upper
82	100		
128	36.6	40.6	60.8#
54	57.7	49.6	74.4

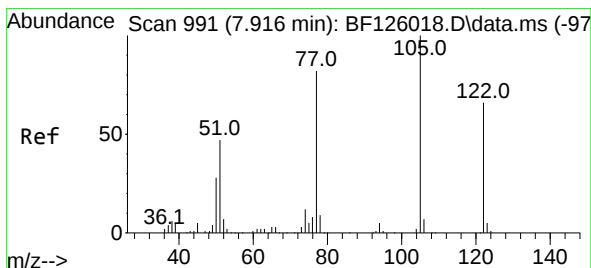
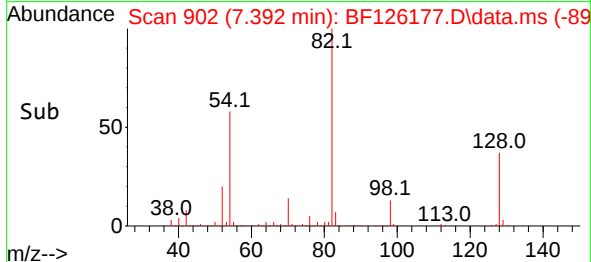
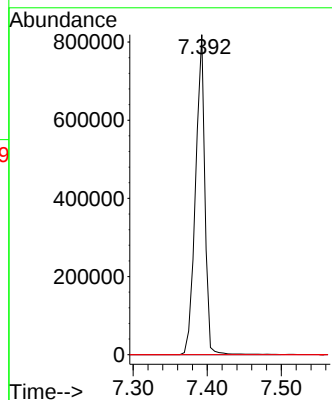
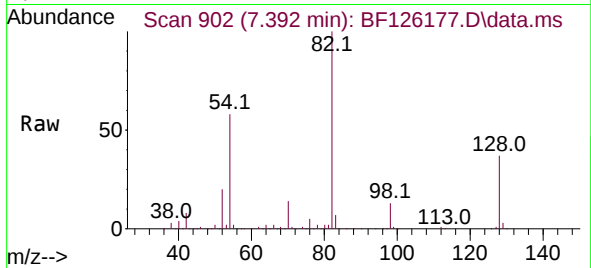




#25
Isophorone
Concen: 39.285 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

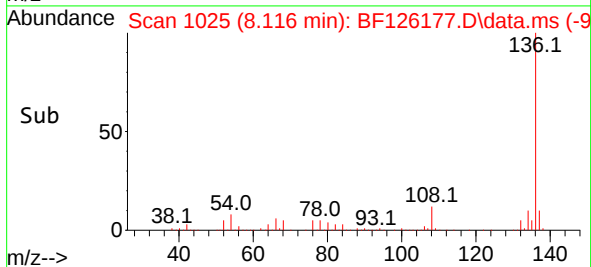
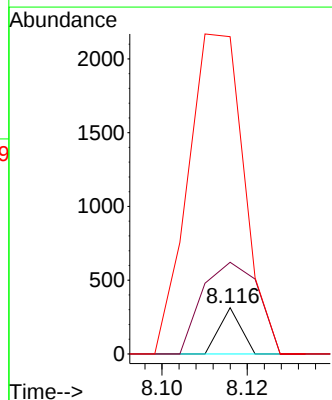
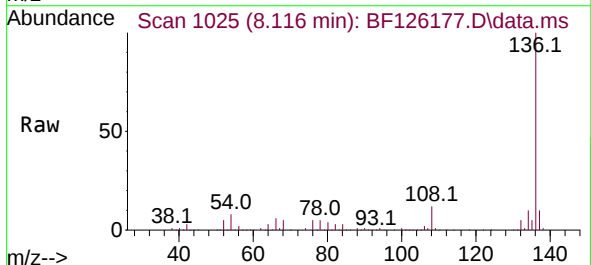
Instrument :
BNA_F
ClientSampleId :
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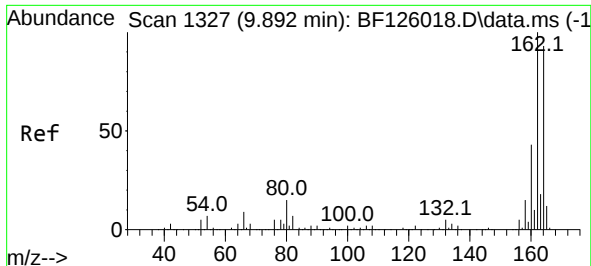
Tgt Ion: 82 Resp: 714218
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.164 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.218 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 198.4 97.6 137.6#
77 687.2 59.6 99.6#

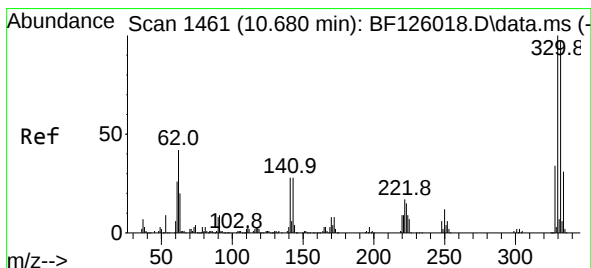
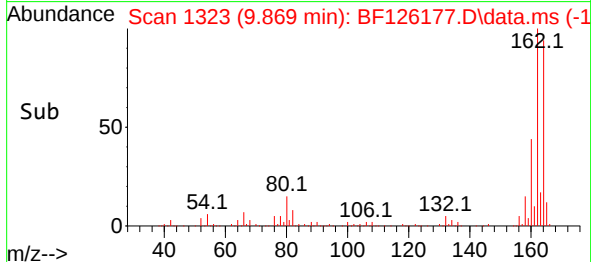
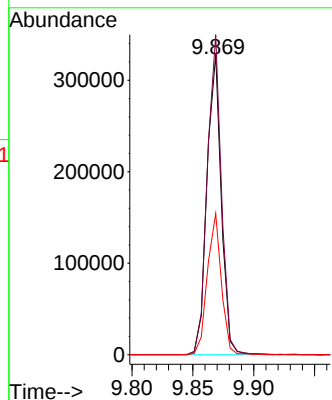
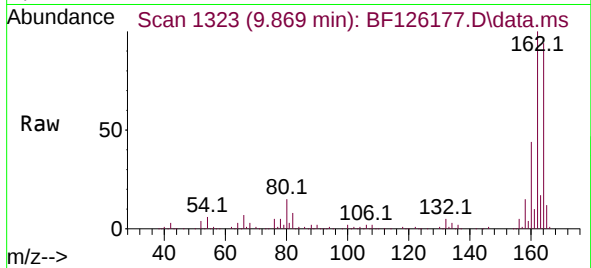




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

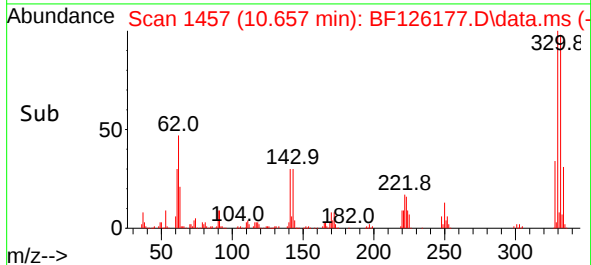
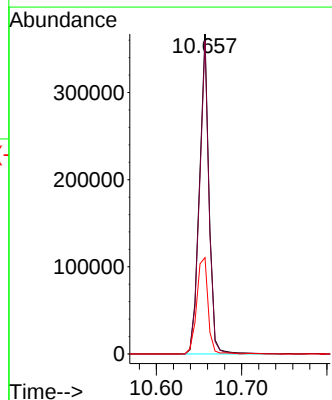
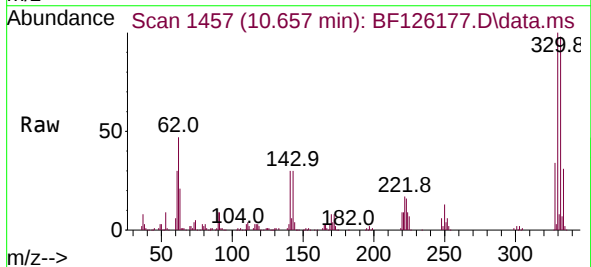
Instrument :
BNA_F
ClientSampleId :
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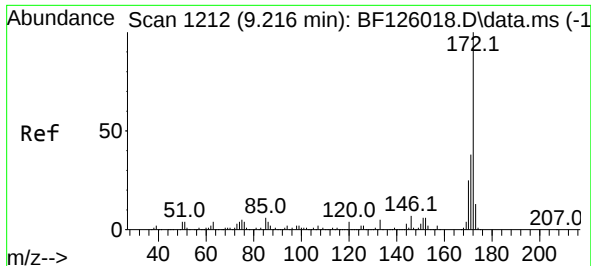
Tgt Ion:164 Resp: 266473
Ion Ratio Lower Upper
164 100
162 106.7 81.3 121.9
160 47.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 94.120 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:330 Resp: 287423
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 35.3 44.6 66.8#

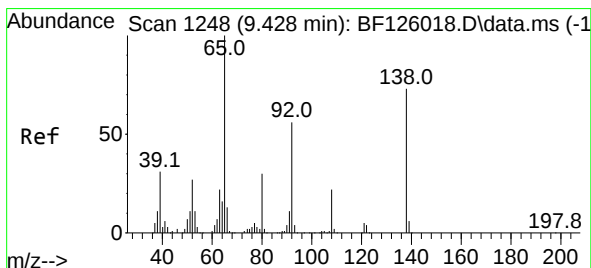
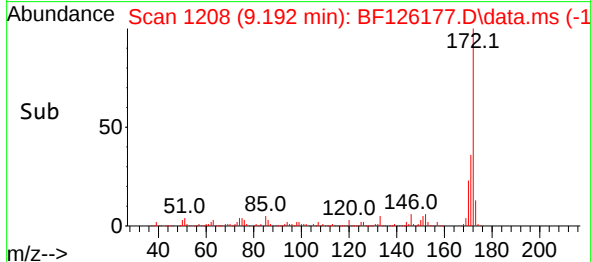
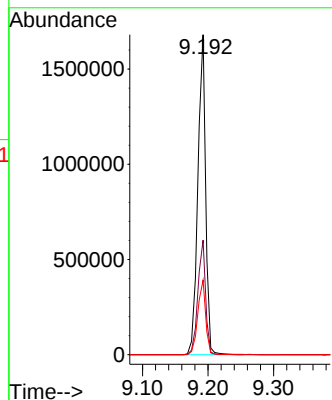
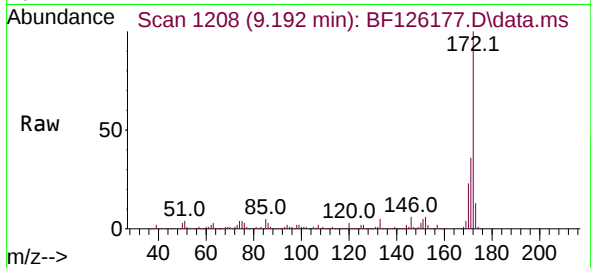




#45
2-Fluorobiphenyl
Concen: 70.442 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

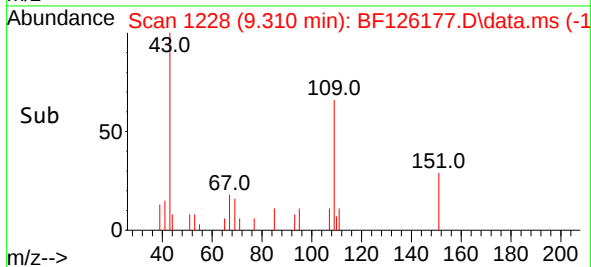
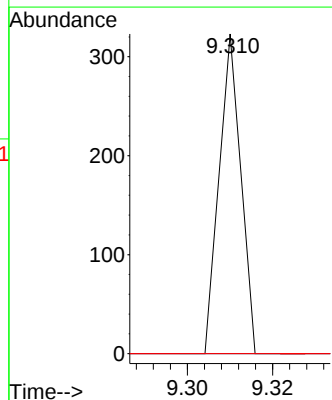
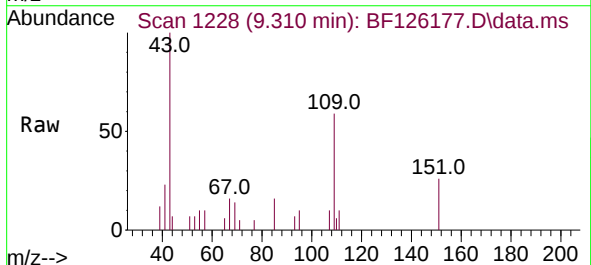
Instrument :
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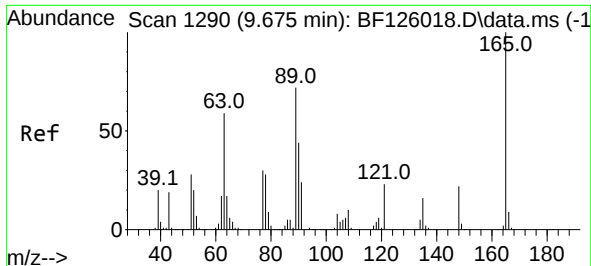
Tgt Ion:172 Resp: 1389038
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.3 18.8 28.2



#48
2-Nitroaniline
Concen: 2.869 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.106 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion: 65 Resp: 114
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

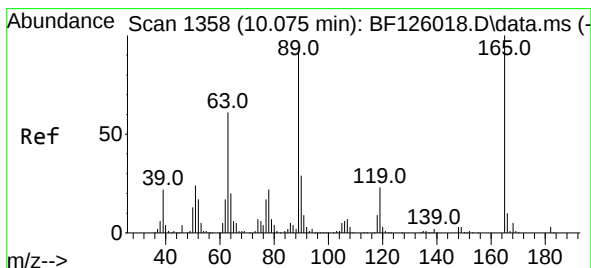
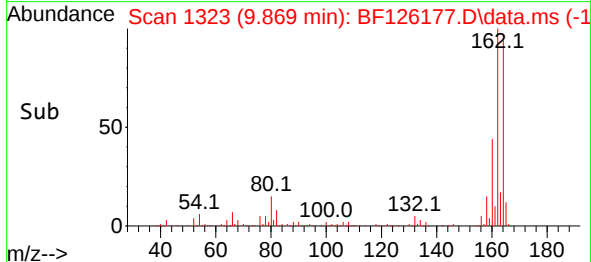
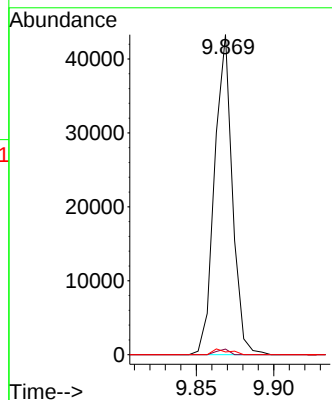
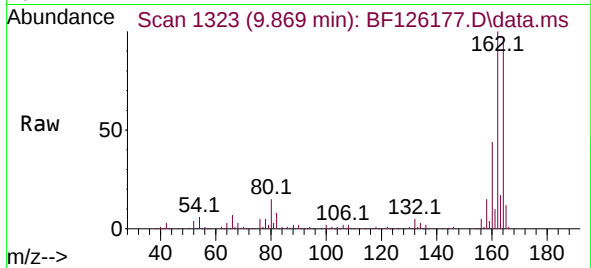




#51
2,6-Dinitrotoluene
Concen: 10.391 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

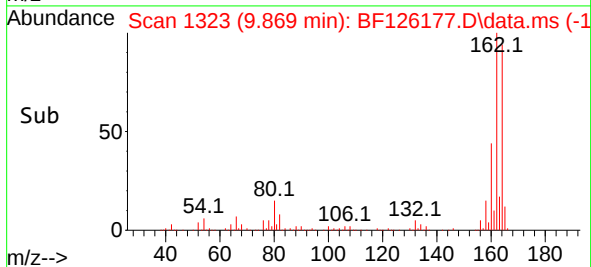
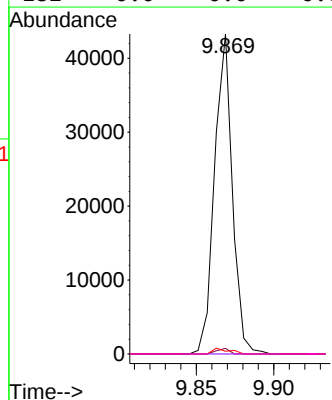
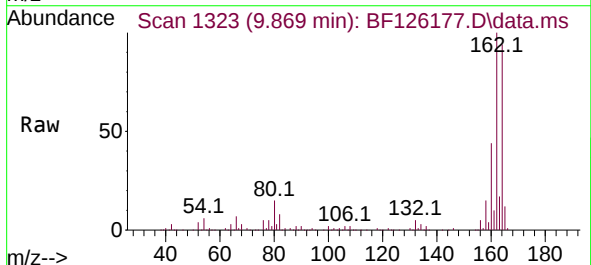
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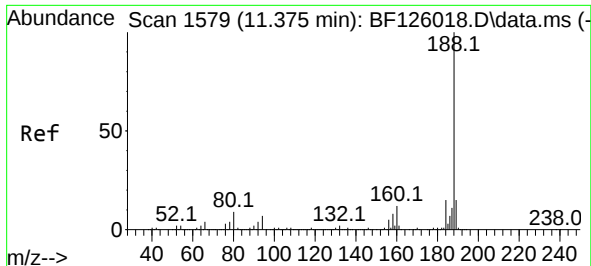
Tgt Ion:165 Resp: 34553
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.903 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:165 Resp: 34553
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

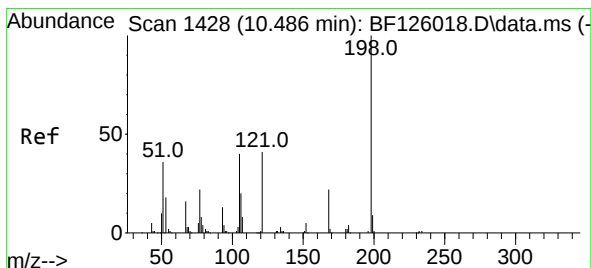
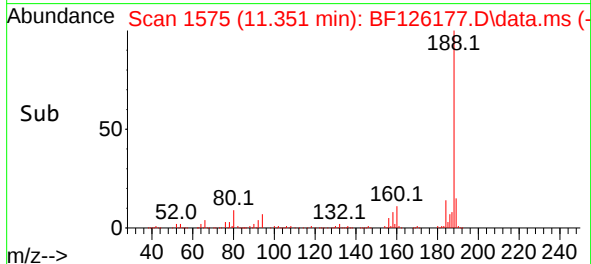
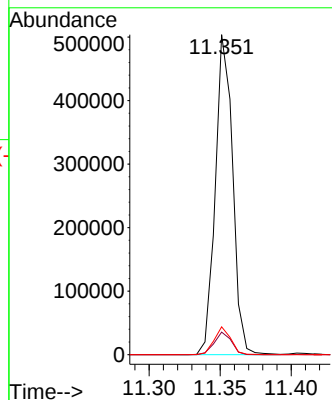
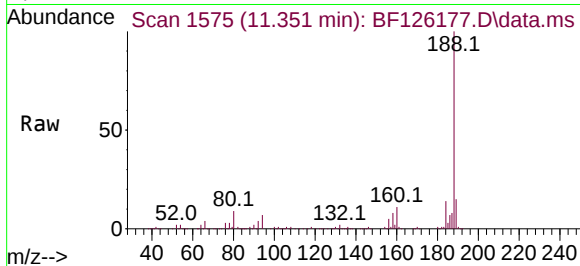




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

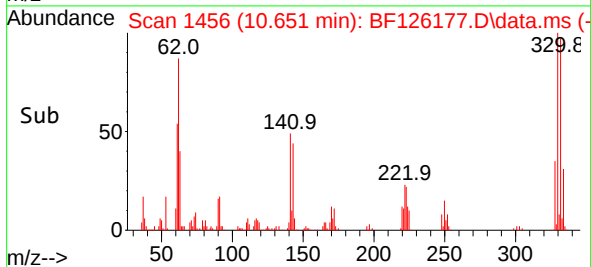
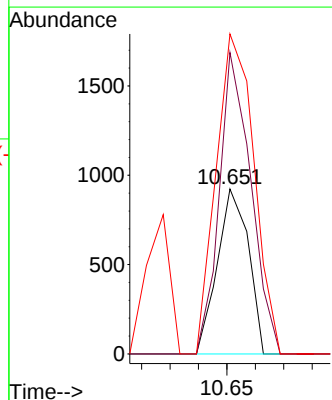
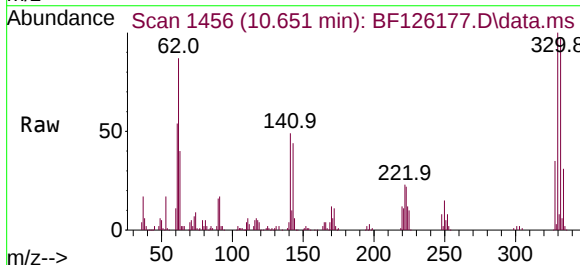
Instrument :
BNA_F
ClientSampleId :
368

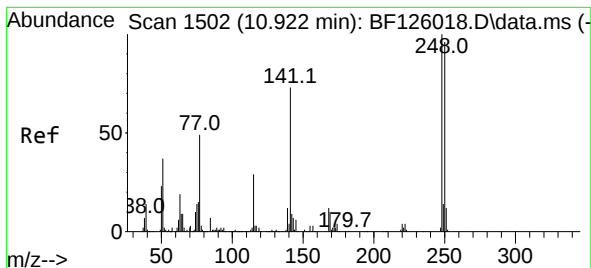
Tgt Ion:188 Resp: 427498
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.7 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.598 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.182 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:198 Resp: 700
Ion Ratio Lower Upper
198 100
51 182.8 45.3 85.3#
105 194.0 30.6 70.6#

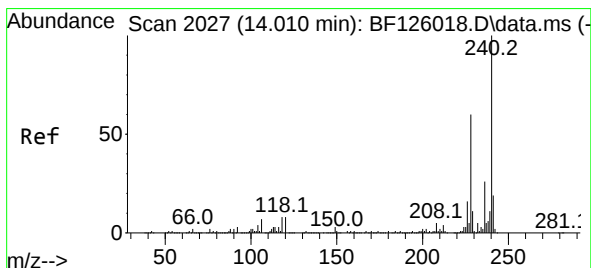
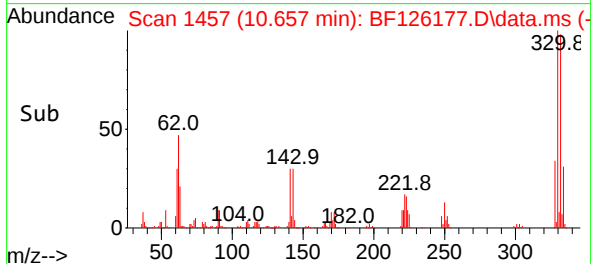
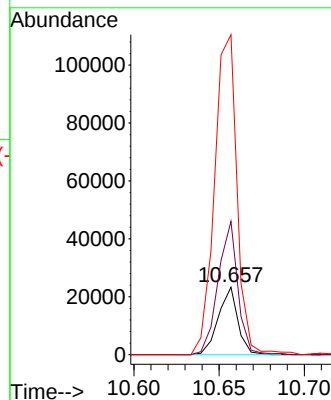
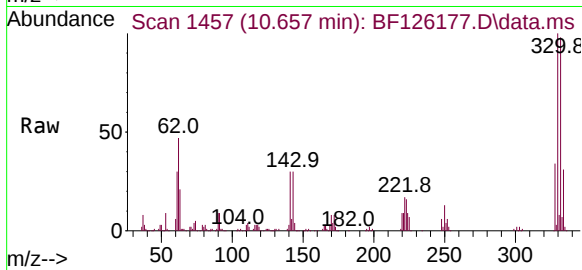




#67
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

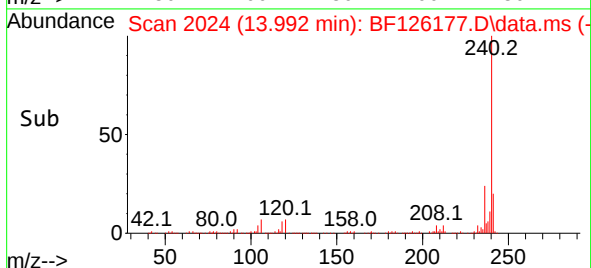
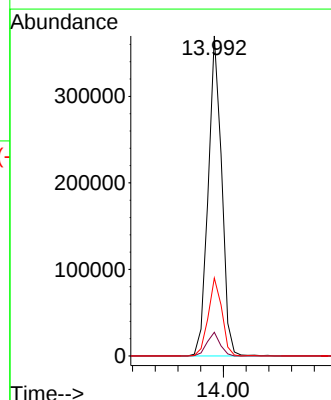
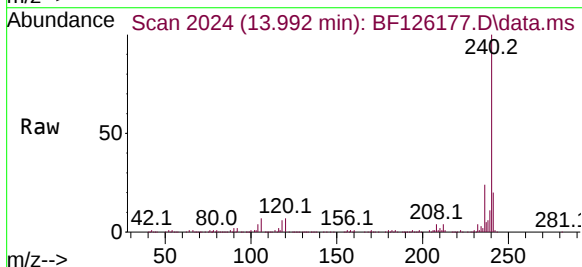
Instrument :
BNA_F
ClientSampleId :
368

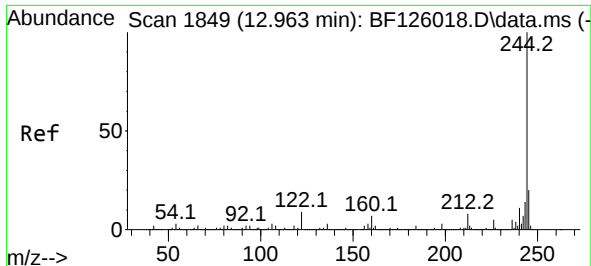
Tgt Ion:248 Resp: 18553
Ion Ratio Lower Upper
248 100
250 197.4 74.2 111.4#
141 474.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:240 Resp: 303343
Ion Ratio Lower Upper
240 100
120 7.4 10.8 16.2#
236 24.3 21.6 32.4

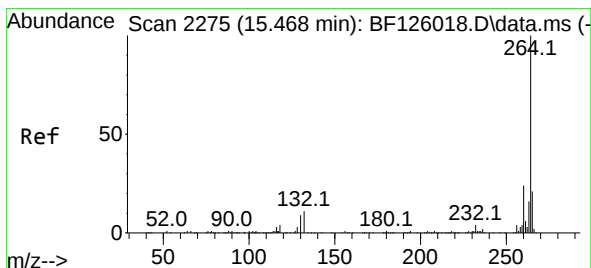
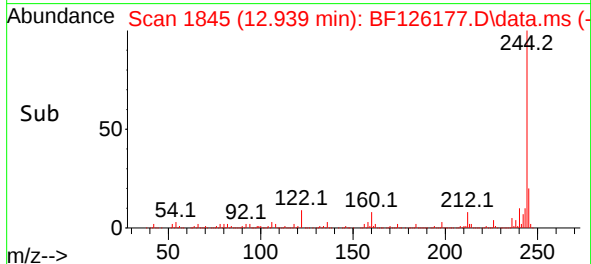
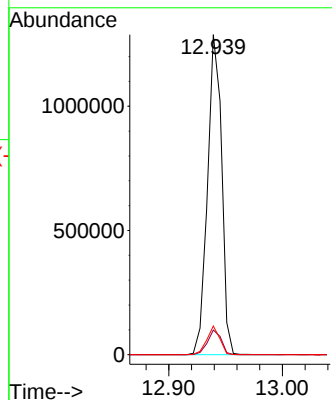
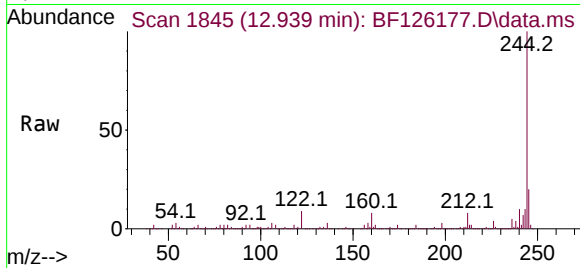




#79
 Terphenyl-d14
 Concen: 58.991 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126177.D
 Acq: 13 Nov 2021 19:52

Instrument :
 BNA_F
 ClientSampleId :
 368

Tgt Ion:244 Resp: 1109709
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.0 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF126177.D
 Acq: 13 Nov 2021 19:52

Tgt Ion:264 Resp: 350266
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 22.0 17.2 25.8

