

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126162.D
 Acq On : 12 Nov 2021 20:08
 Operator : JU/CG
 Sample : M4639-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-11/2-3

Quant Time: Nov 15 06:36:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

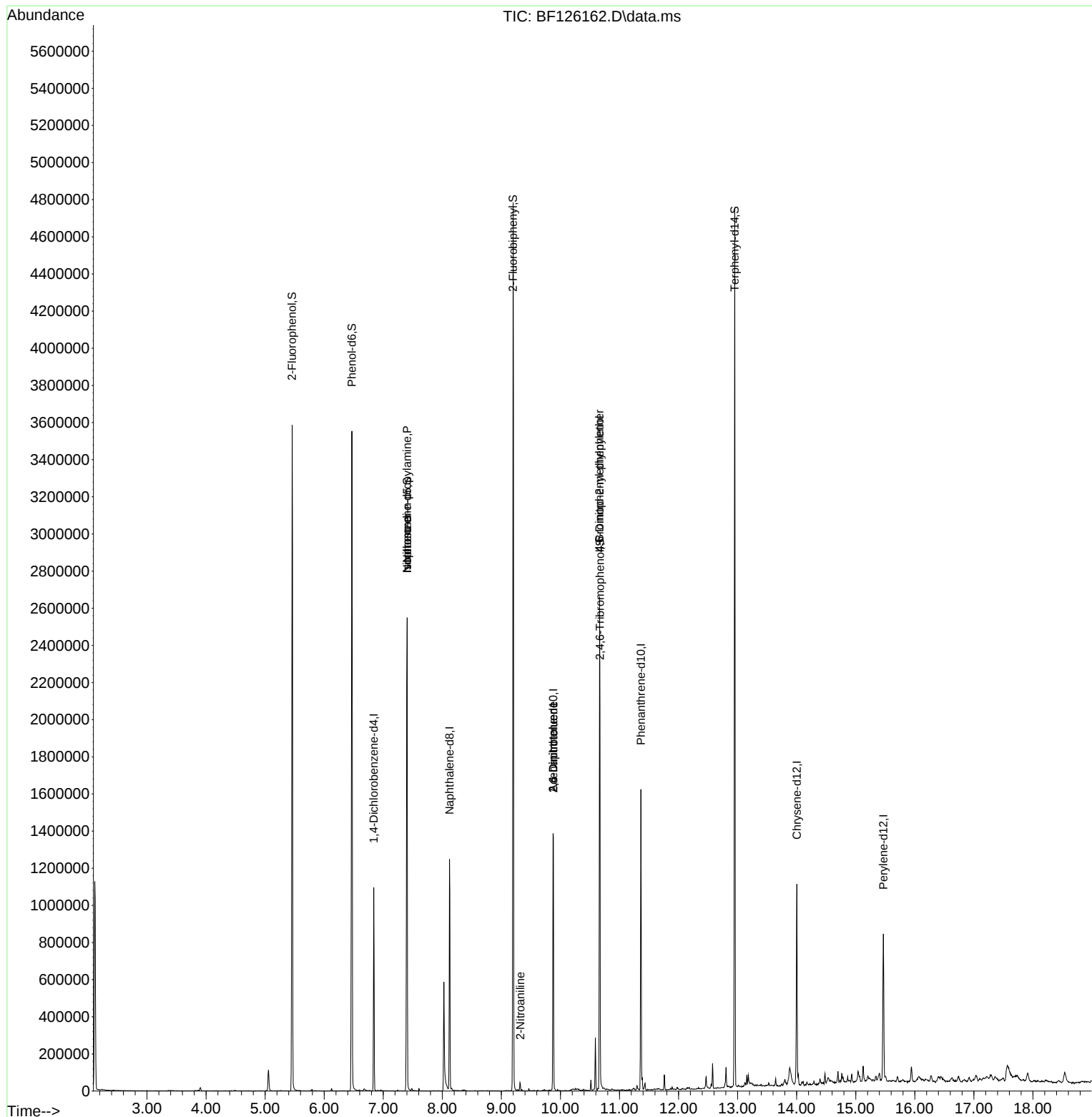
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	138515	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	497828	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	293509	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	535285	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	354338	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	360178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	837517	103.834	ng	0.00
7) Phenol-d6	6.469	99	1069740	94.081	ng	-0.02
23) Nitrobenzene-d5	7.404	82	779108	73.807	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	293814	87.350	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1384239	63.733	ng	-0.02
79) Terphenyl-d14	12.951	244	1391781	63.338	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	112	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	109500	14.608	ng	# 60
25) Isophorone	7.404	82	779098	40.993	ng	# 59
48) 2-Nitroaniline	9.322	65	656	2.955	ng	# 20
51) 2,6-Dinitrotoluene	9.880	165	36448	9.951	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	36448	9.617	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	719	8.547	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	20169	3.111	ng	# 1

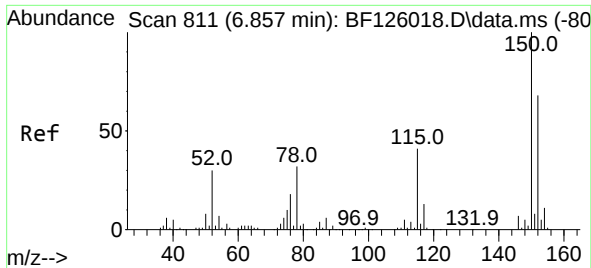
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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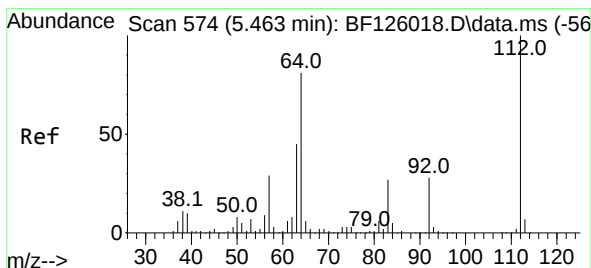
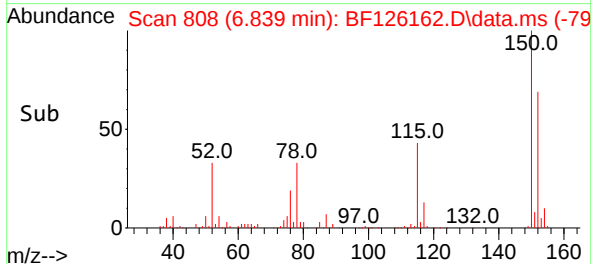
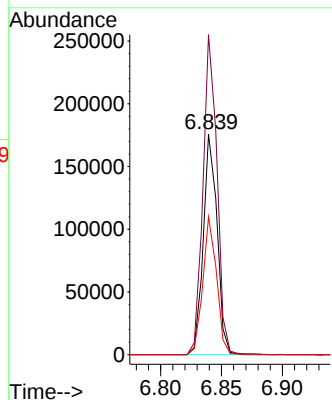
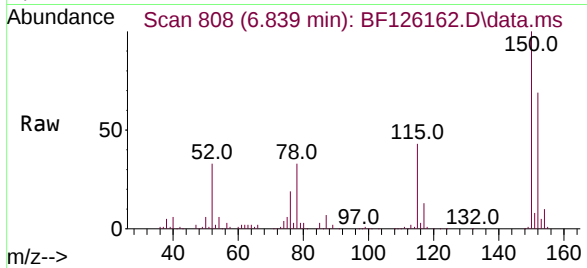




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

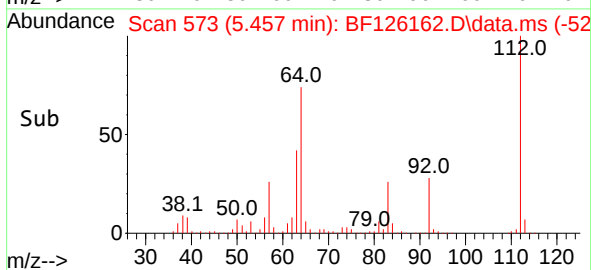
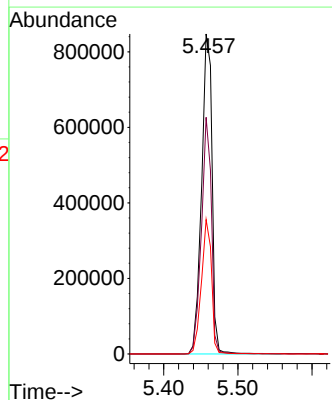
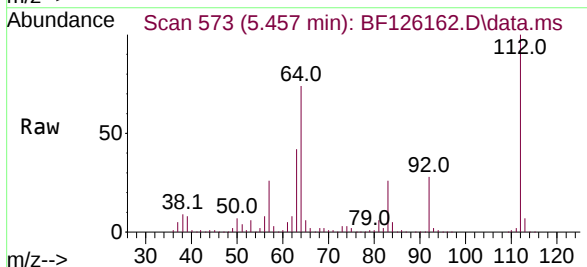
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

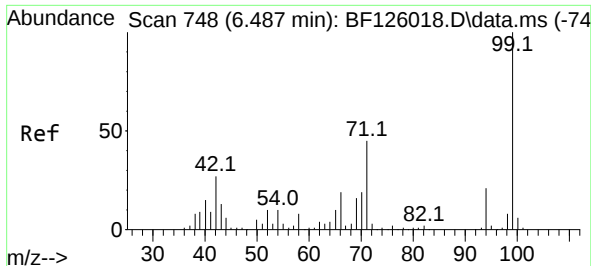
Tgt Ion:152 Resp: 138515
Ion Ratio Lower Upper
152 100
150 145.1 117.6 176.4
115 62.5 47.1 70.7



#5
2-Fluorophenol
Concen: 103.834 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:112 Resp: 837517
Ion Ratio Lower Upper
112 100
64 73.9 44.2 66.2#
63 42.0 26.2 39.2#

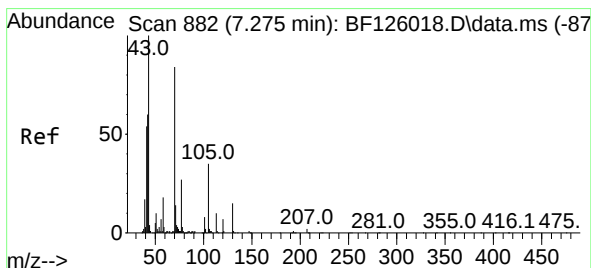
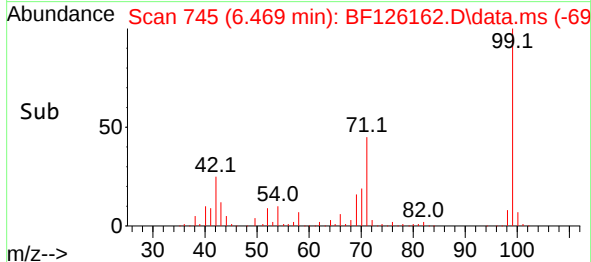
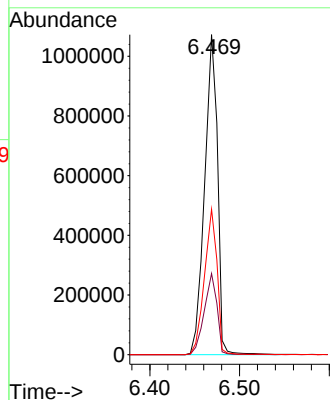
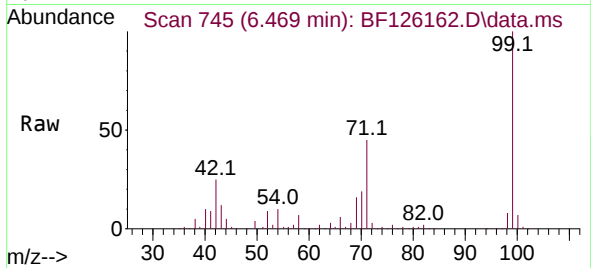




#7
Phenol-d6
Concen: 94.081 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

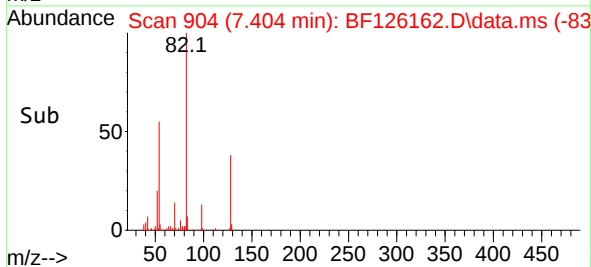
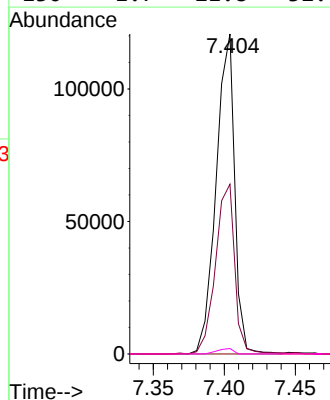
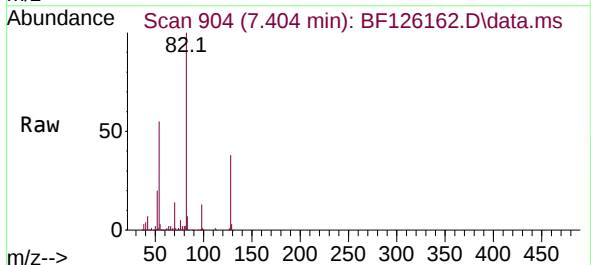
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

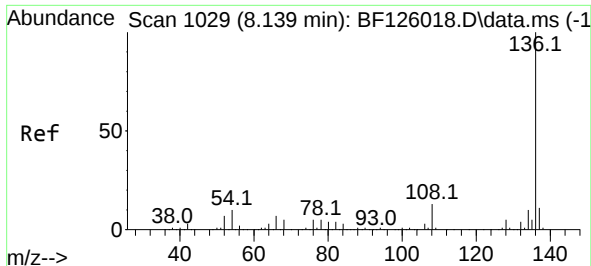
Tgt Ion: 99 Resp: 1069740
Ion Ratio Lower Upper
99 100
42 25.3 23.5 35.3
71 45.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.608 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion: 70 Resp: 109500
Ion Ratio Lower Upper
70 100
42 53.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

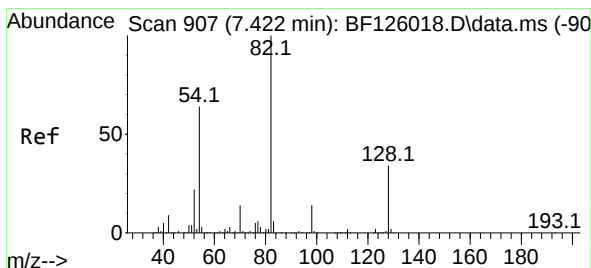
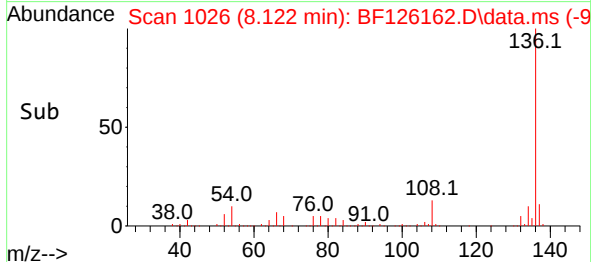
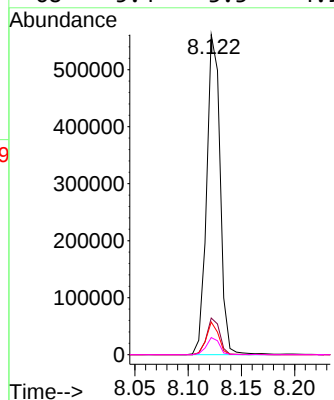
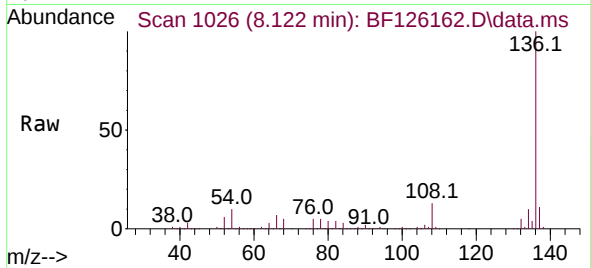




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

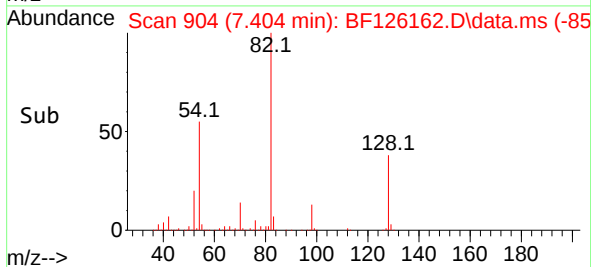
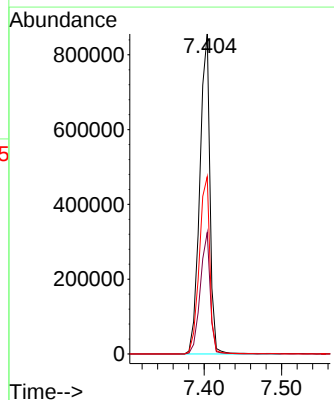
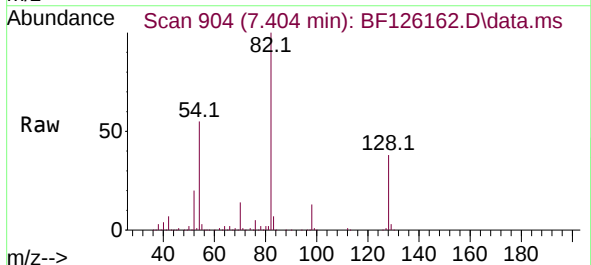
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

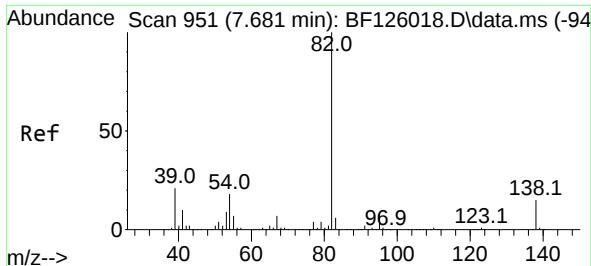
Tgt Ion:	136	Resp:	497828
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.8	14.6
54	10.2	6.4	9.6#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 73.807 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:	82	Resp:	779108
Ion Ratio	Lower	Upper	
82	100		
128	38.0	40.6	60.8#
54	55.4	49.6	74.4

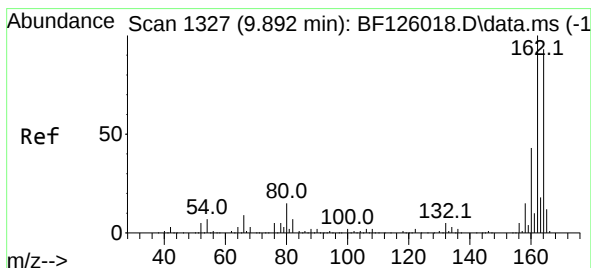
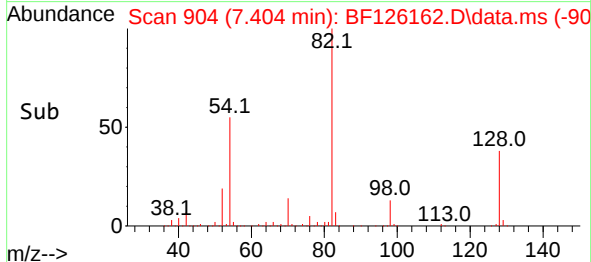
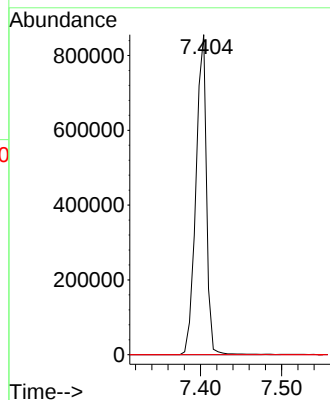
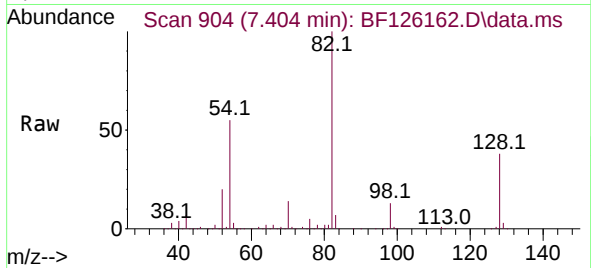




#25
Isophorone
Concen: 40.993 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

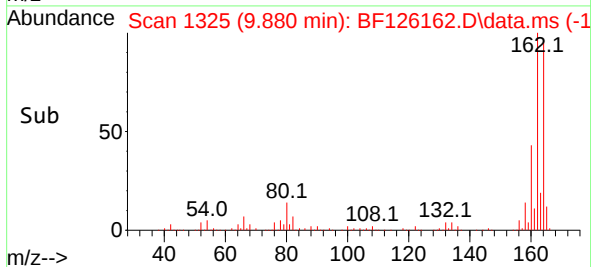
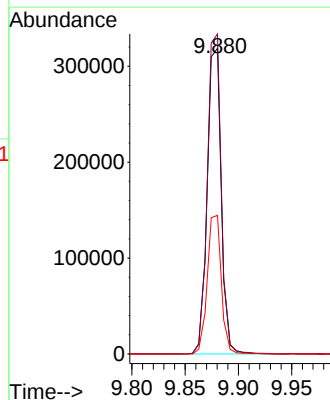
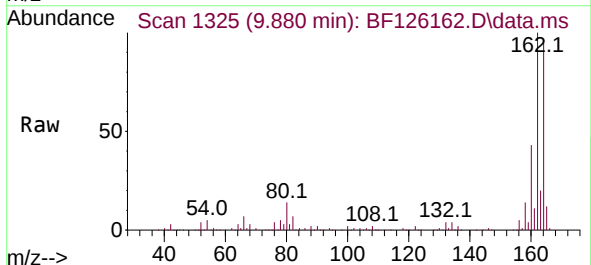
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TT-11/2-3

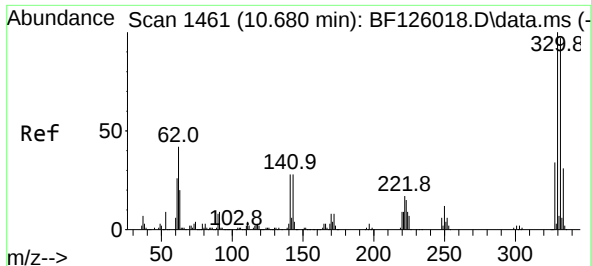
Tgt Ion: 82 Resp: 779098
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion: 164 Resp: 293509
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 45.4 38.0 57.0

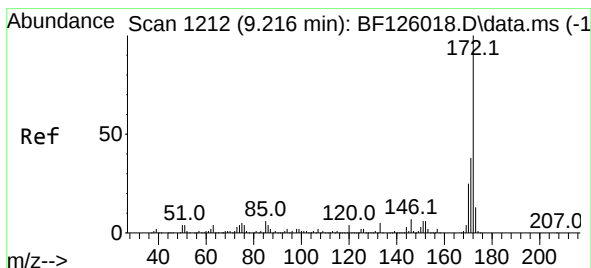
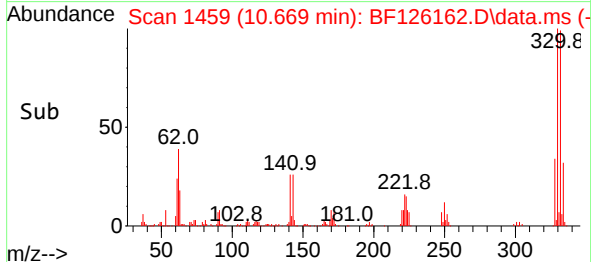
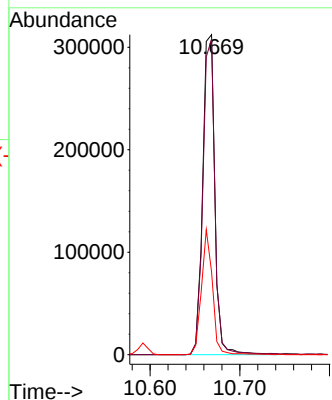
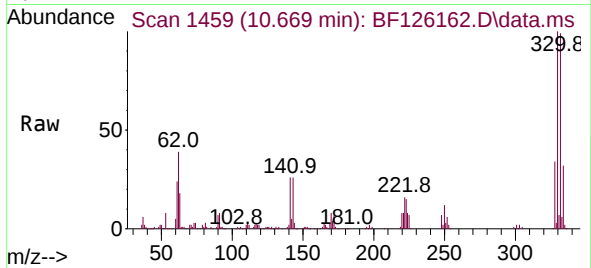




#42
2,4,6-Tribromophenol
Concen: 87.350 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

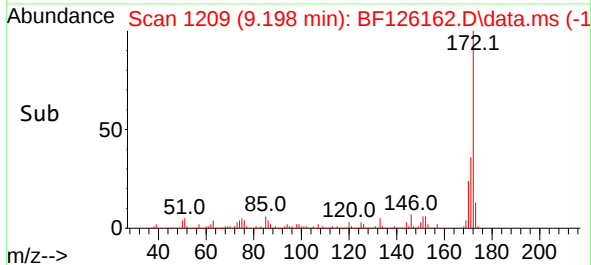
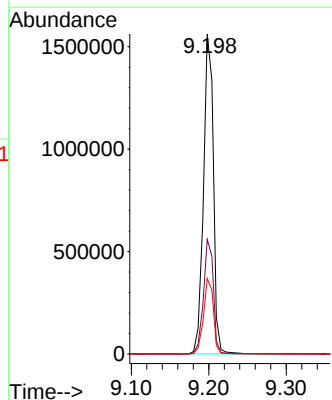
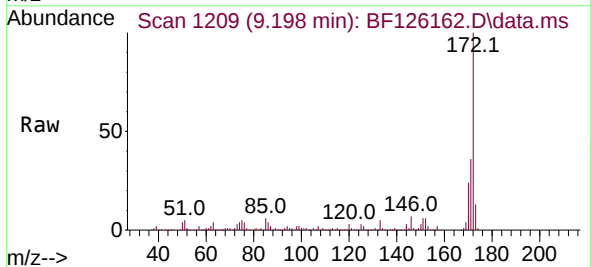
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ClientSampleId :
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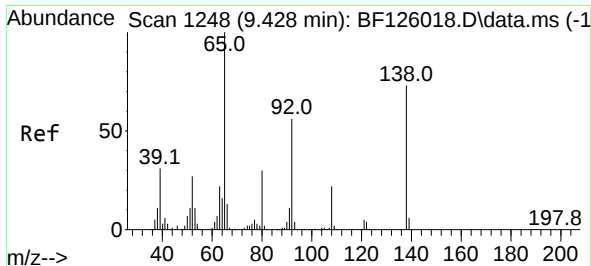
Tgt Ion:330 Resp: 293814
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 35.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.733 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:172 Resp: 1384239
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.6 18.8 28.2

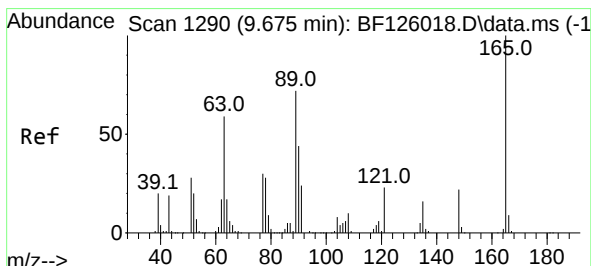
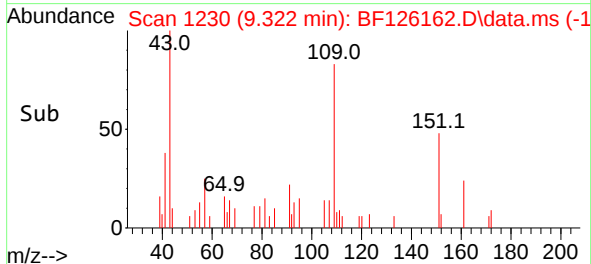
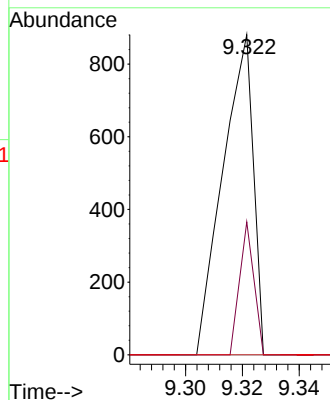
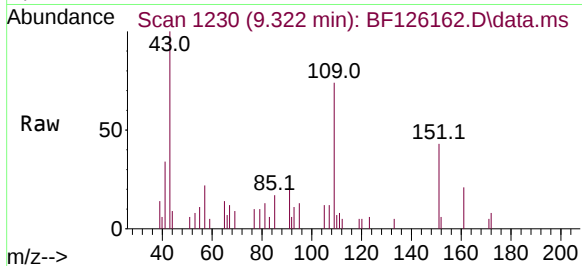




#48
2-Nitroaniline
Concen: 2.955 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

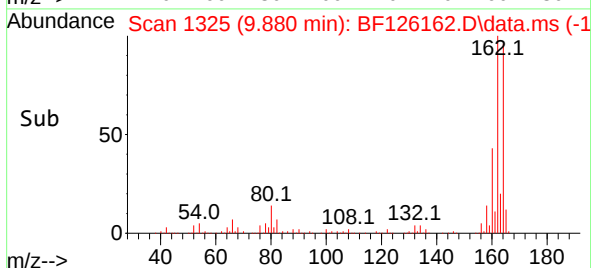
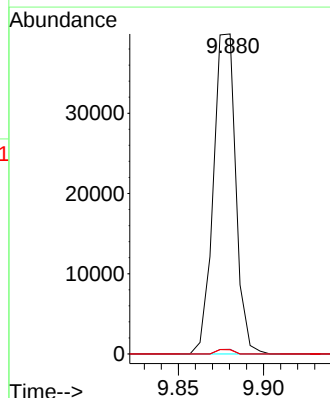
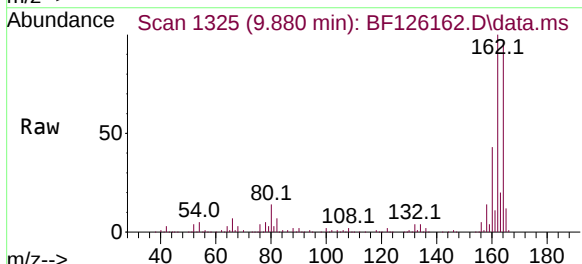
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TT-11/2-3

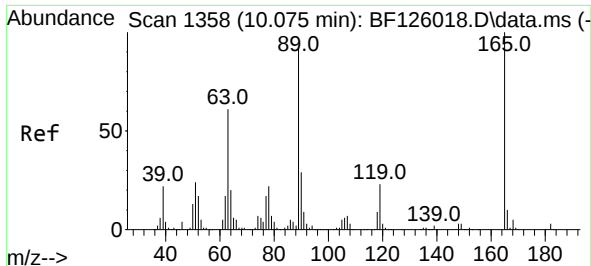
Tgt Ion: 65 Resp: 656
Ion Ratio Lower Upper
65 100
92 41.5 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 9.951 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.205 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:165 Resp: 36448
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.3 40.6 60.8#

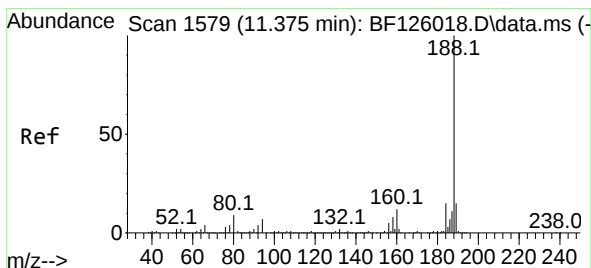
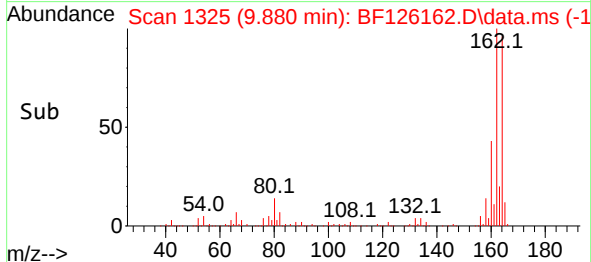
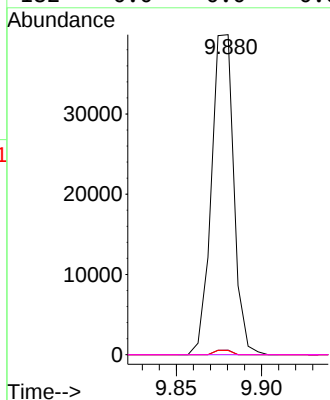
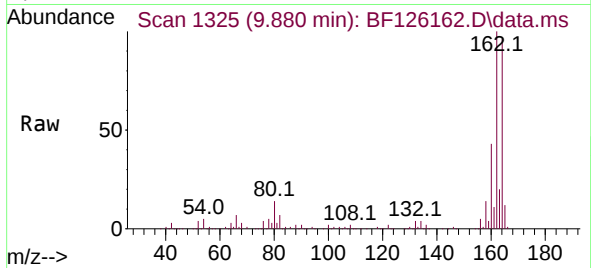




#57
2,4-Dinitrotoluene
Concen: 9.617 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

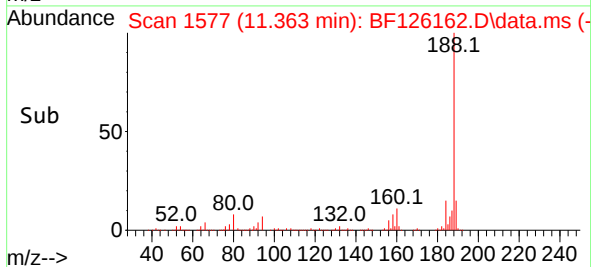
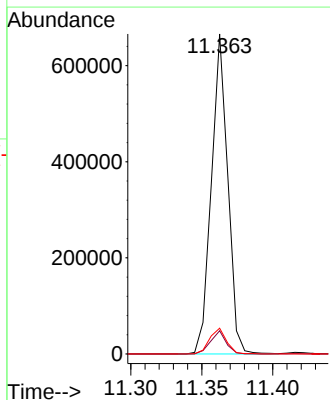
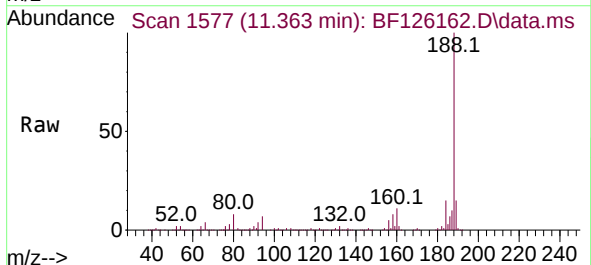
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

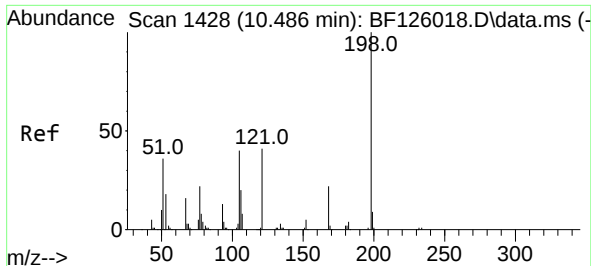
Tgt Ion:165 Resp: 36448
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:188 Resp: 535285
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.0 7.5 11.3

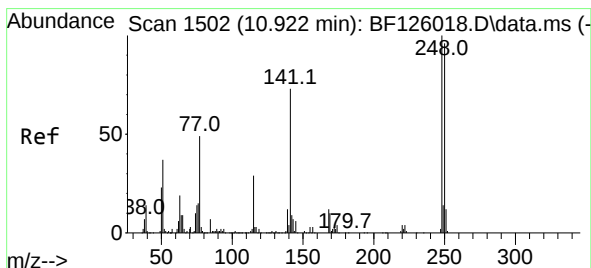
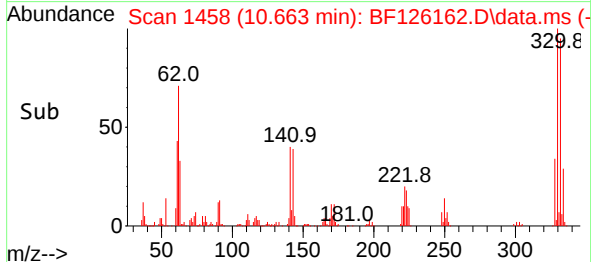
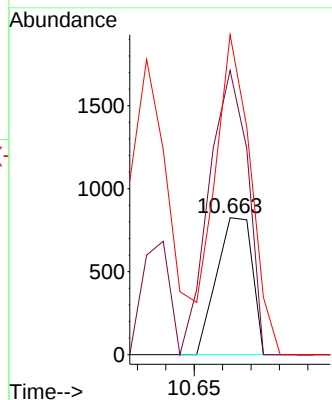
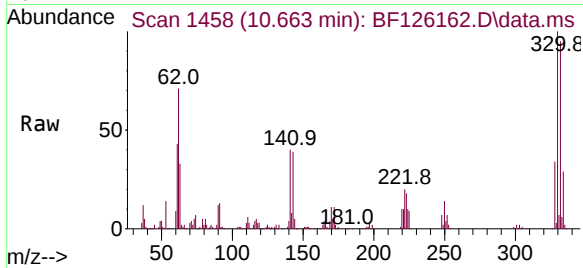




#65
4,6-Dinitro-2-methylphenol
Concen: 8.547 ng
RT: 10.663 min Scan# 1428
Delta R.T. 0.177 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

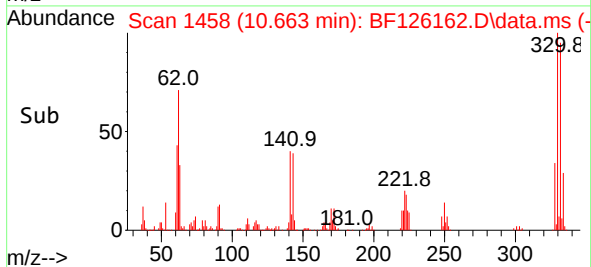
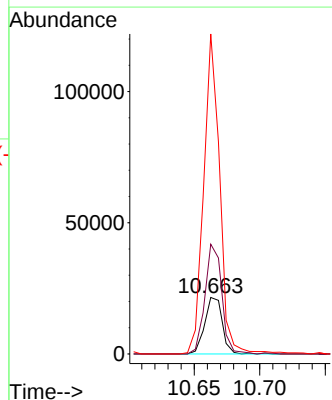
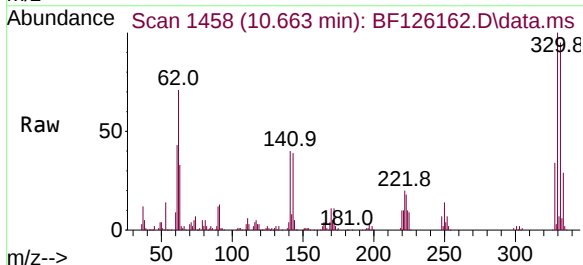
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

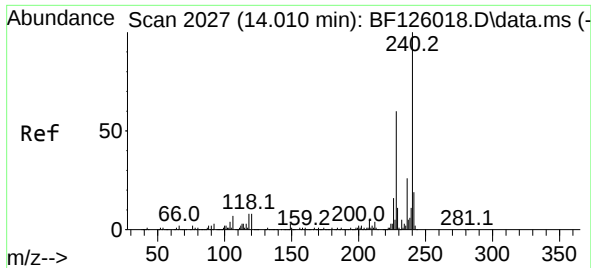
Tgt Ion:198 Resp: 719
Ion Ratio Lower Upper
198 100
51 207.5 45.3 85.3#
105 233.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.111 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.259 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:248 Resp: 20169
Ion Ratio Lower Upper
248 100
250 194.4 74.2 111.4#
141 566.8 60.4 90.6#

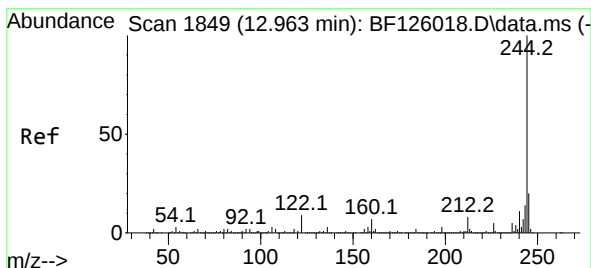
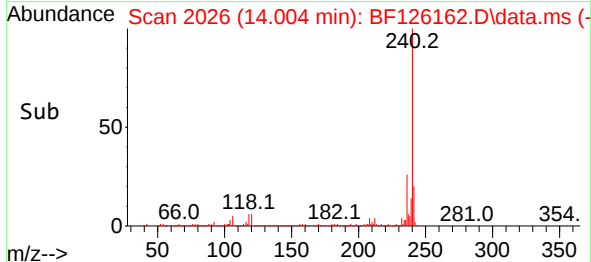
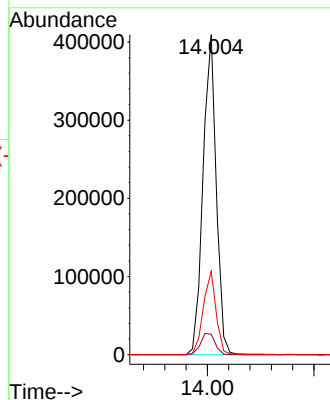
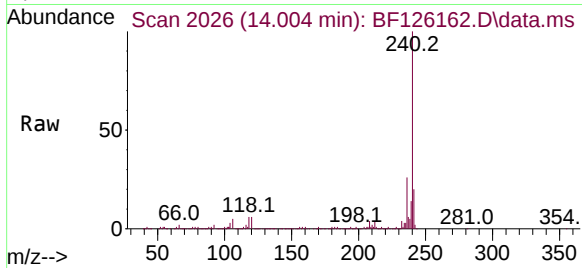




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

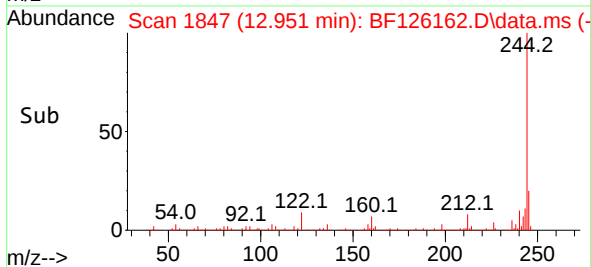
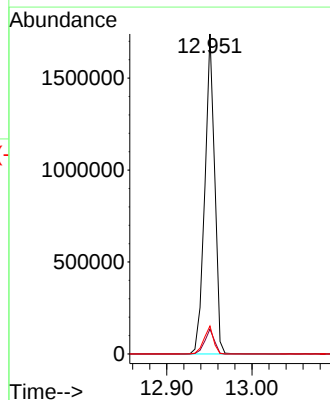
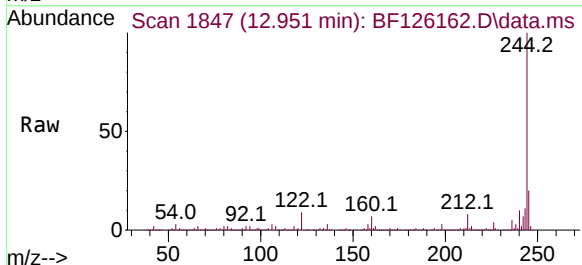
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

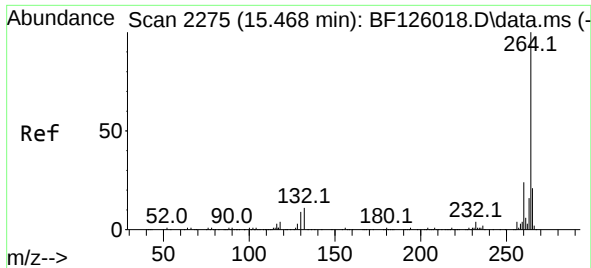
Tgt Ion:240 Resp: 354338
Ion Ratio Lower Upper
240 100
120 6.4 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 63.338 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

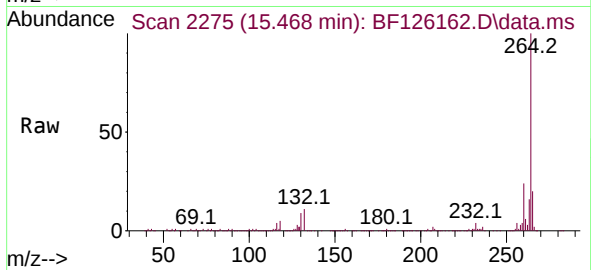
Tgt Ion:244 Resp: 1391781
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 8.8 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126162.D
 Acq: 12 Nov 2021 20:08

Instrument :
 BNA_F
 ClientSampleId :
 TT-11/2-3



Tgt Ion:264 Resp: 360178
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 20.2 17.2 25.8

