

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126099.D
 Acq On : 10 Nov 2021 10:15
 Operator : JU/CG
 Sample : PB140520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140520BL

Quant Time: Nov 10 13:33:56 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)

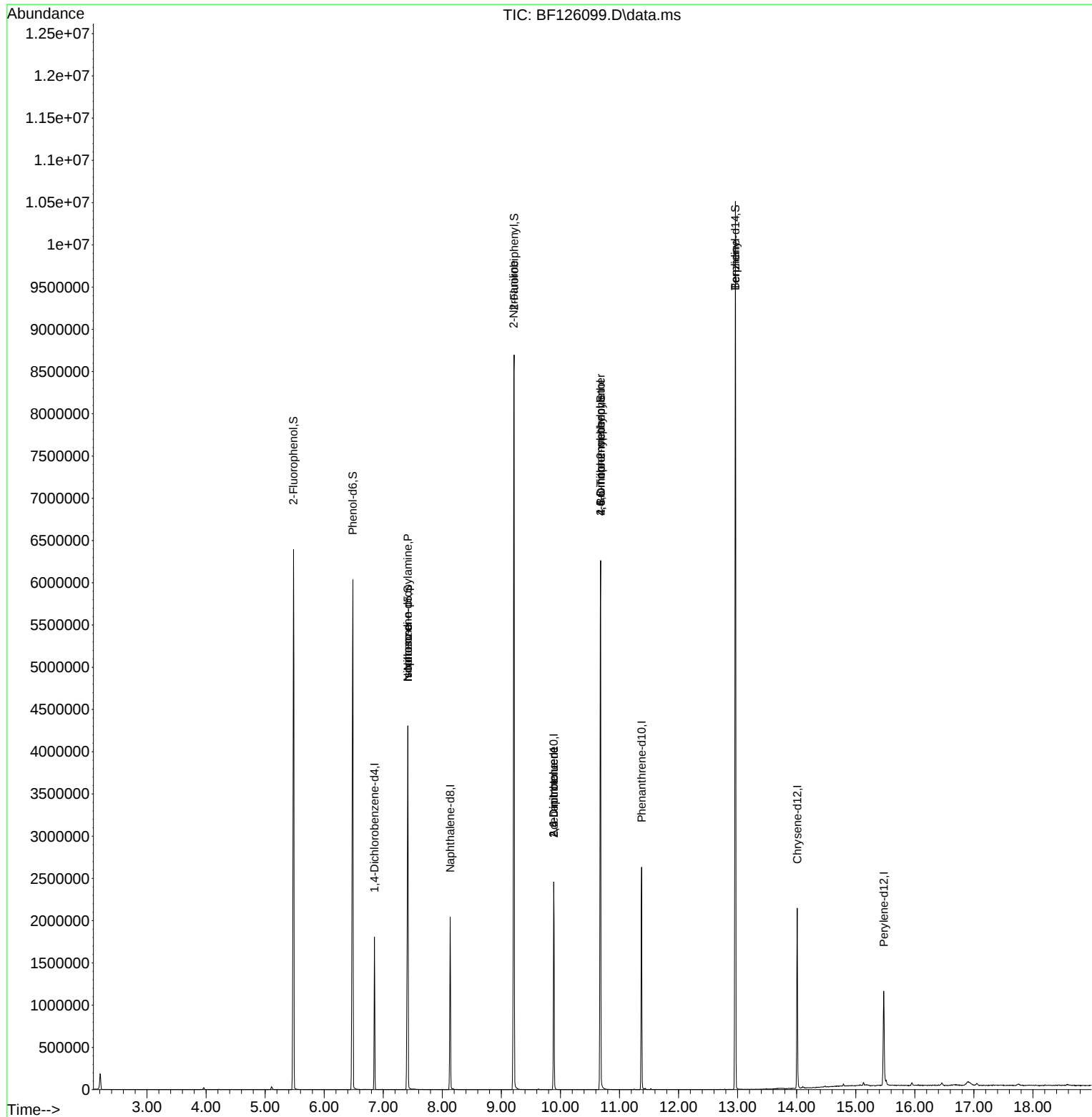
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	225789	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	840729	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	508383	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	944668	20.000	ng	0.00
76) Chrysene-d12	14.010	240	724873	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	554517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1623038	123.443	ng	0.02
7) Phenol-d6	6.487	99	2045999	110.389	ng	0.00
23) Nitrobenzene-d5	7.416	82	1525728	85.585	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	762420	130.863	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2891945	76.872	ng	0.00
79) Terphenyl-d14	12.963	244	3557611	79.142	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	4114	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	216787	17.742	ng	# 63
25) Isophorone	7.416	82	1513688	47.160	ng	# 59
48) 2-Nitroaniline	9.210	65	6208	3.426	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	63614	10.027	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	63614	9.667	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.680	198	1807	8.645	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	50665	4.428	ng	# 1
77) Benzidine	12.963	184	53165	2.194	ng	# 95

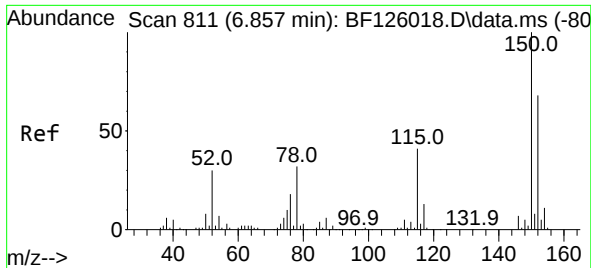
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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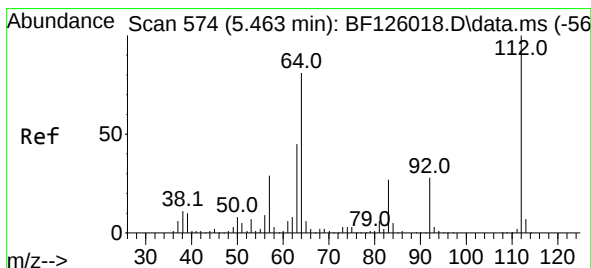
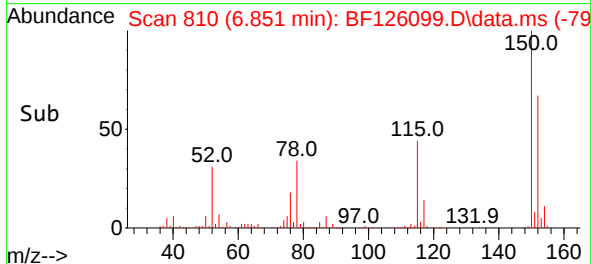
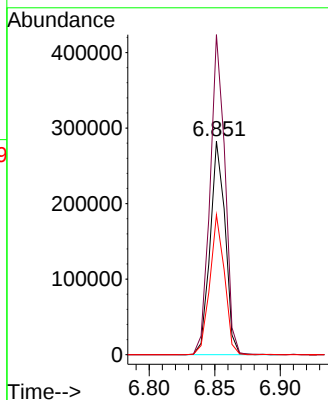
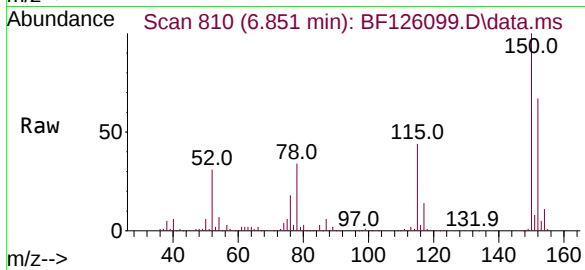




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

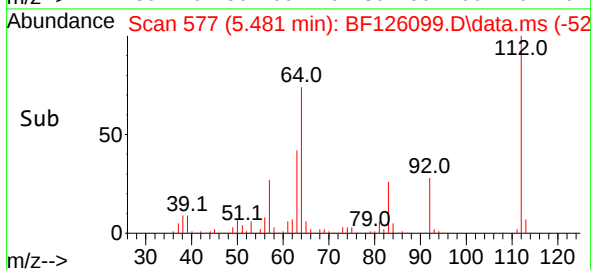
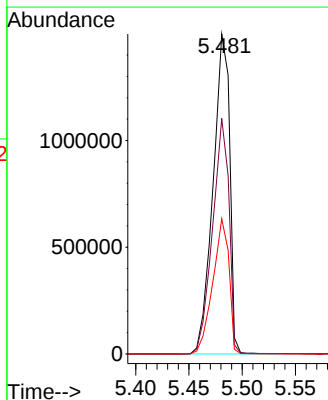
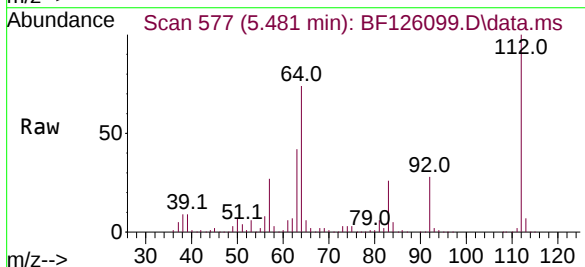
Instrument :
BNA_F
ClientSampleId :
PB140520BL

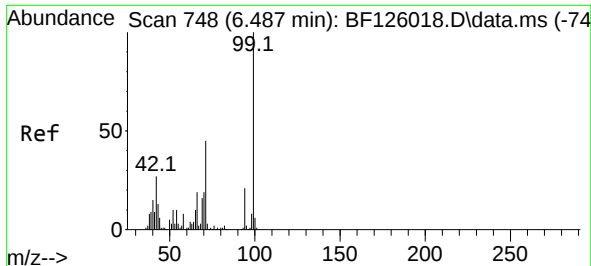
Tgt Ion:152 Resp: 225789
Ion Ratio Lower Upper
152 100
150 150.0 117.6 176.4
115 65.5 47.1 70.7



#5
2-Fluorophenol
Concen: 123.443 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

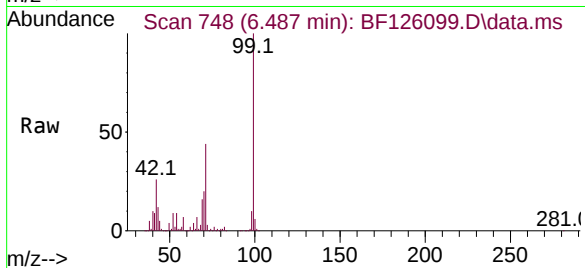
Tgt Ion:112 Resp: 1623038
Ion Ratio Lower Upper
112 100
64 73.6 44.2 66.2#
63 42.3 26.2 39.2#





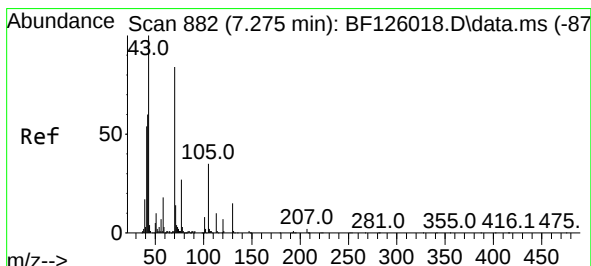
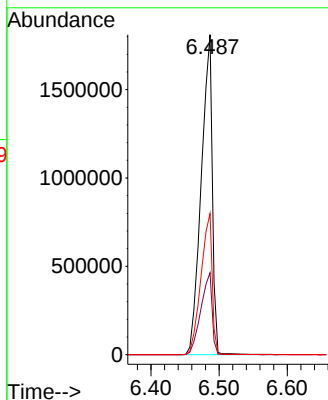
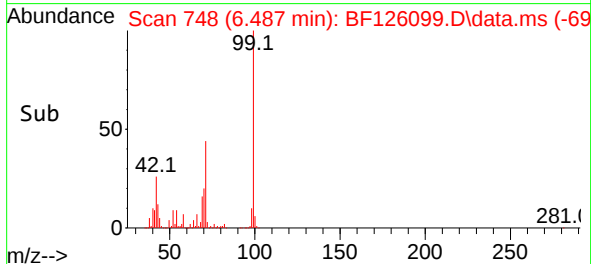
#7
Phenol-d6
Concen: 110.389 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

Instrument :
BNA_F
ClientSampleId :
PB140520BL

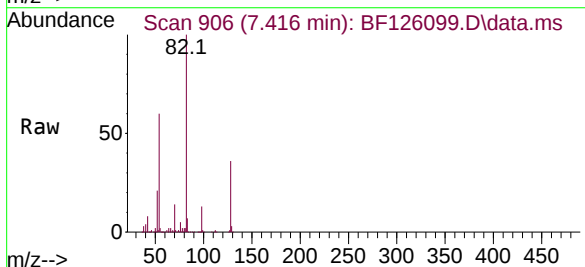


Tgt Ion: 99 Resp: 2045999

Ion	Ratio	Lower	Upper
99	100		
42	25.6	23.5	35.3
71	44.1	25.6	38.4

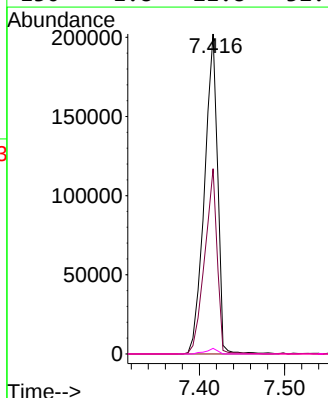
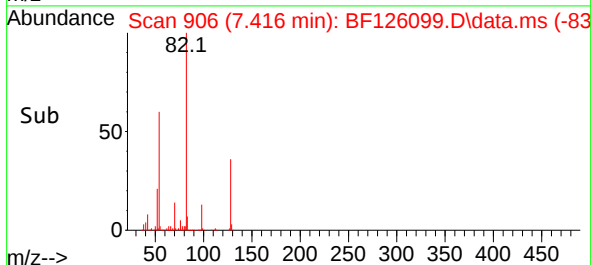


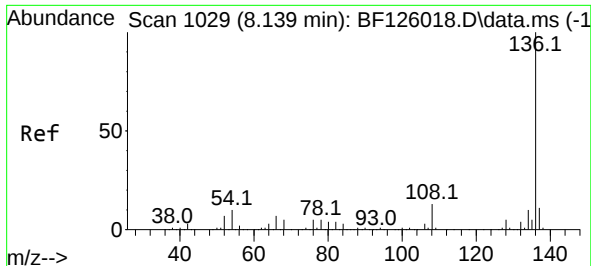
#19
n-Nitroso-di-n-propylamine
Concen: 17.742 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15



Tgt Ion: 70 Resp: 216787

Ion	Ratio	Lower	Upper
70	100		
42	57.9	72.2	108.2
101	0.0	7.8	11.8
130	1.8	21.8	32.6

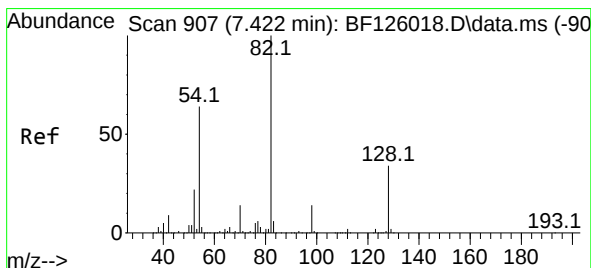
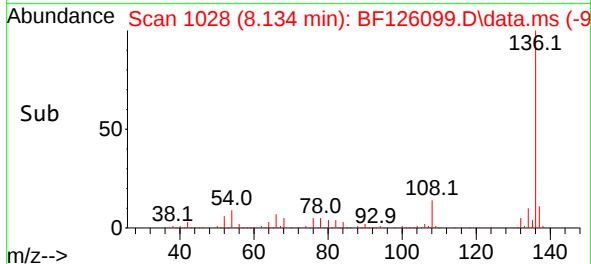
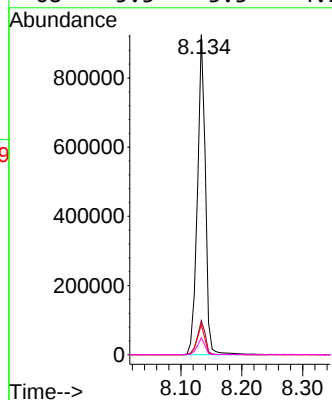
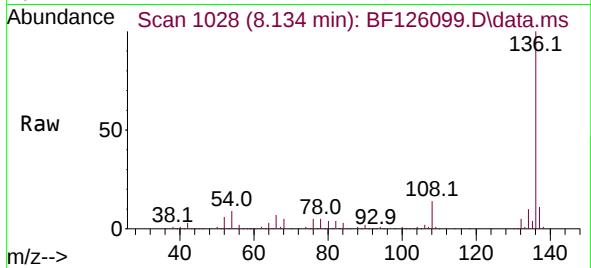




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

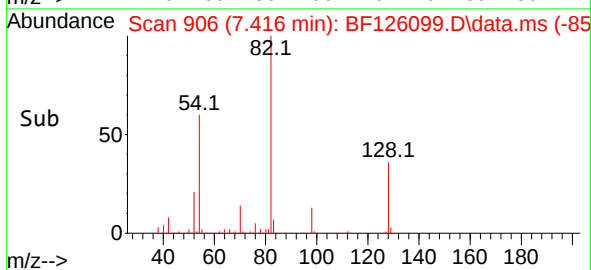
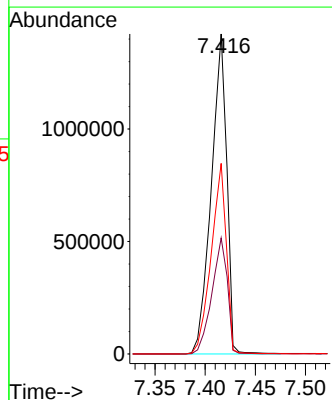
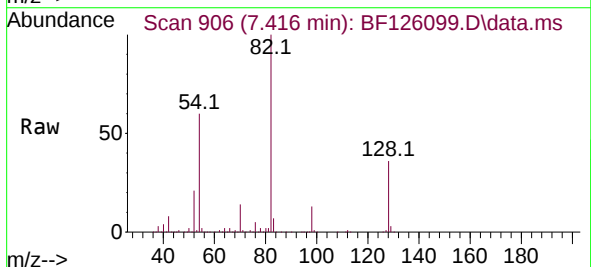
Instrument :
BNA_F
ClientSampleId :
PB140520BL

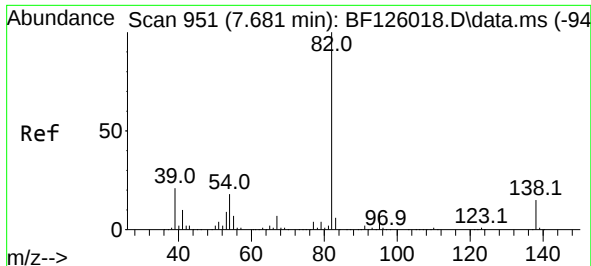
Tgt Ion:136 Resp: 840729
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.4 6.4 9.6
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 85.585 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

Tgt Ion: 82 Resp: 1525728
Ion Ratio Lower Upper
82 100
128 36.2 40.6 60.8#
54 59.6 49.6 74.4

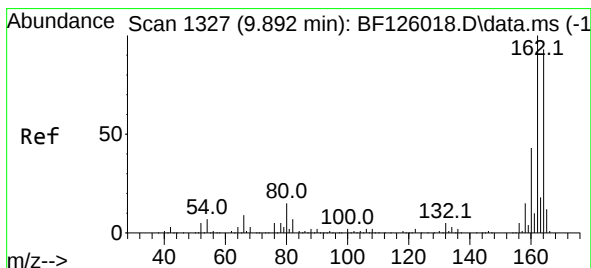
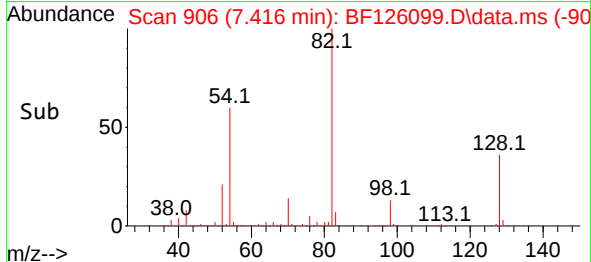
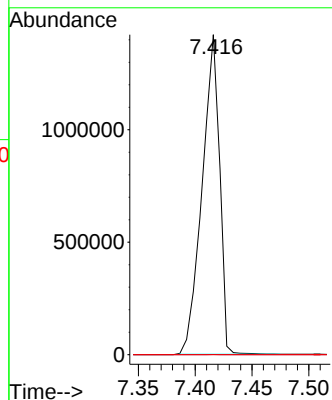
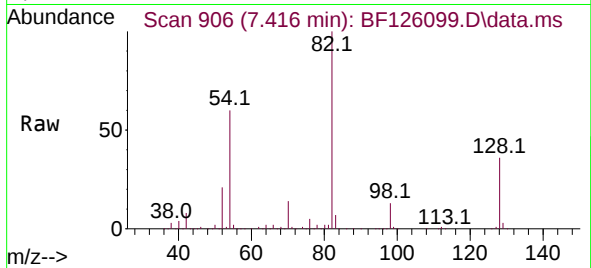




#25
Isophorone
Concen: 47.160 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

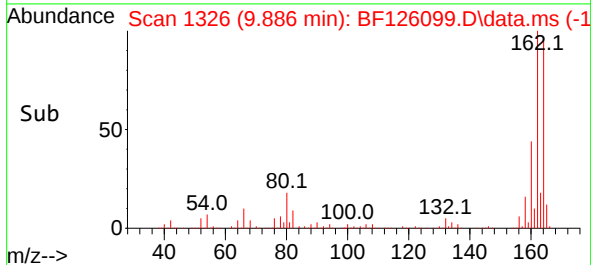
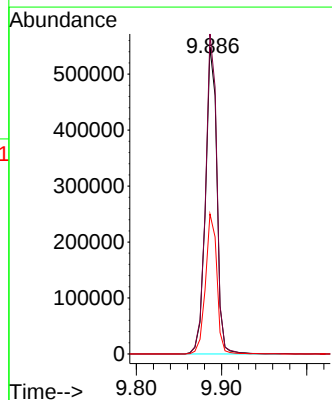
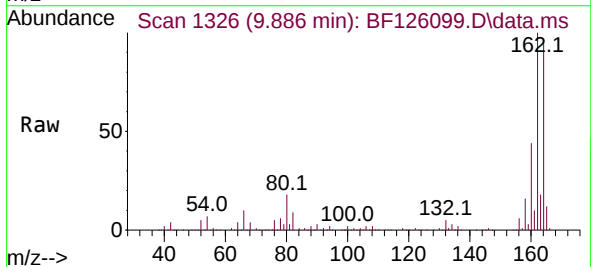
Instrument :
BNA_F
ClientSampleId :
PB140520BL

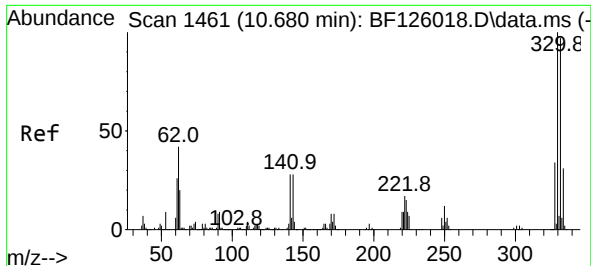
Tgt Ion: 82 Resp: 1513688
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

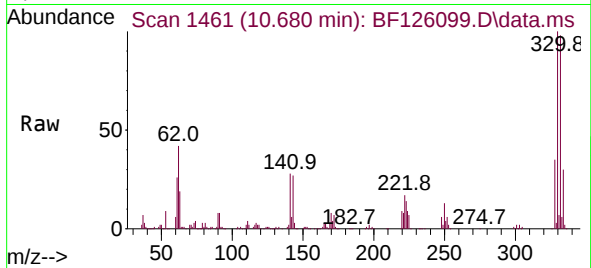
Tgt Ion:164 Resp: 508383
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 45.6 38.0 57.0



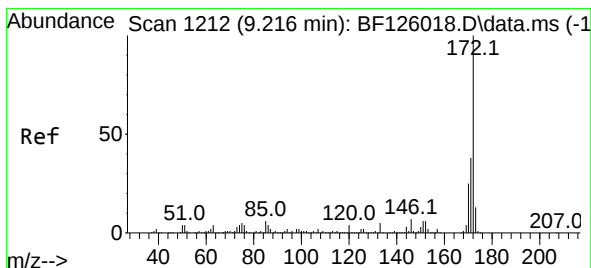
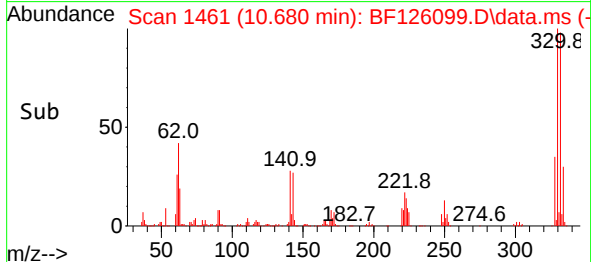
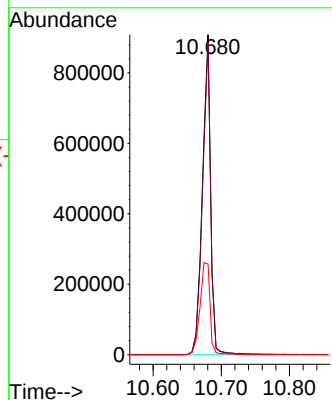


#42
2,4,6-Tribromophenol
Concen: 130.863 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

Instrument :
BNA_F
ClientSampleId :
PB140520BL

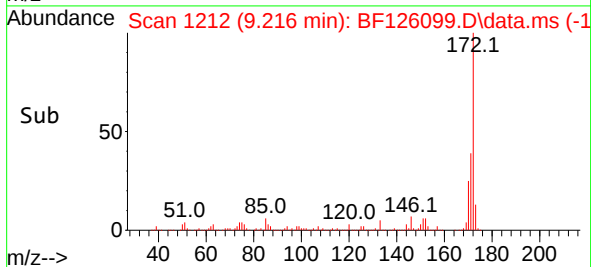
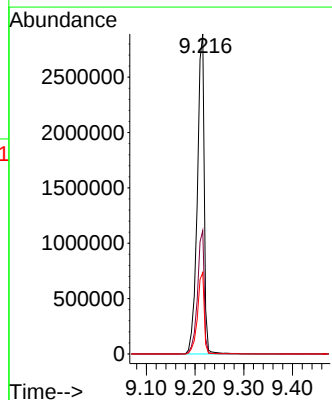
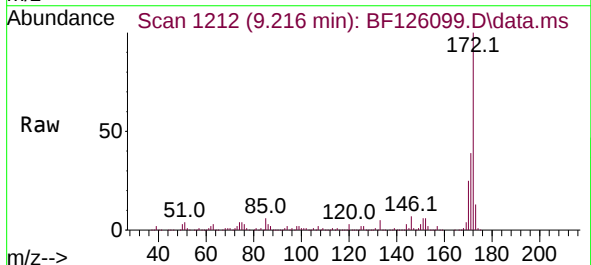


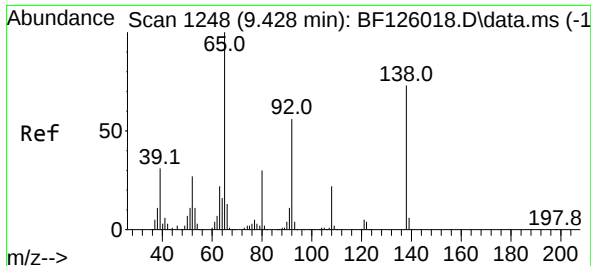
Tgt Ion: 330 Resp: 762420
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 35.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 76.872 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

Tgt Ion: 172 Resp: 2891945
Ion Ratio Lower Upper
172 100
171 38.6 26.5 39.7
170 25.4 18.8 28.2

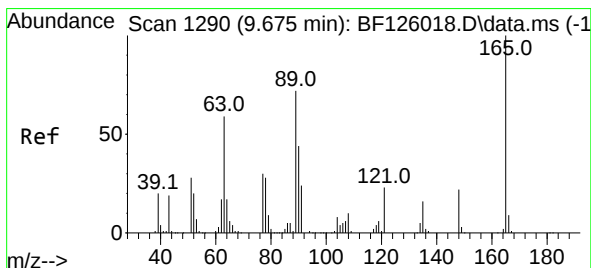
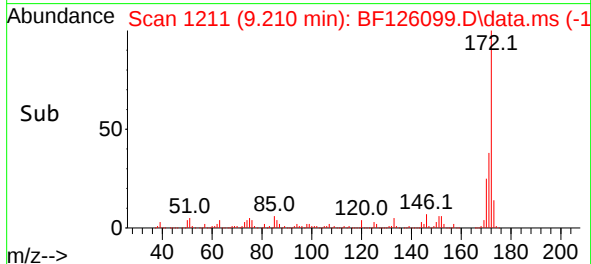
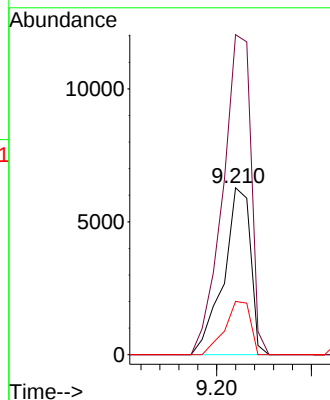
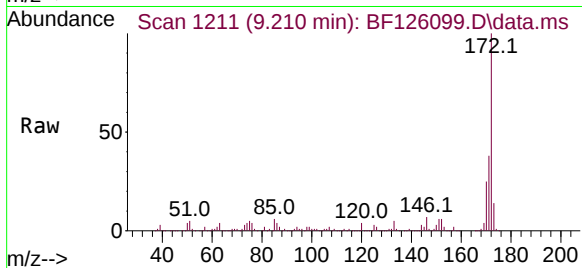




#48
2-Nitroaniline
Concen: 3.426 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

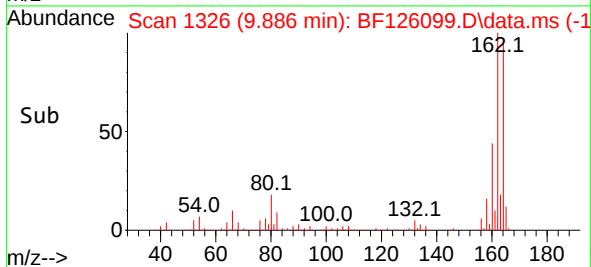
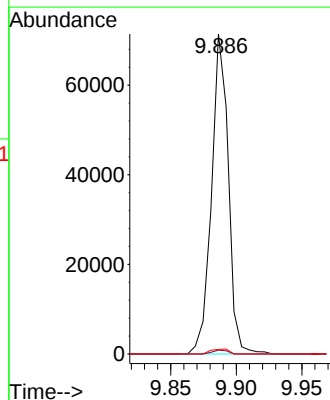
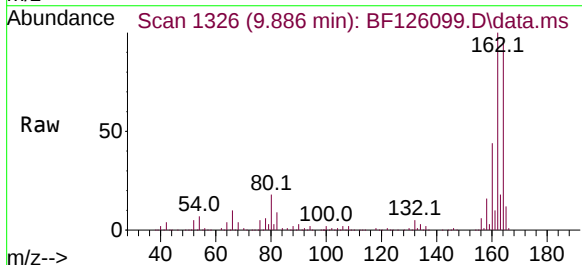
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PB140520BL

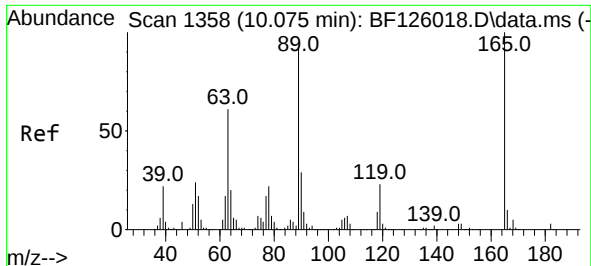
Tgt Ion: 65 Resp: 6208
Ion Ratio Lower Upper
65 100
92 191.7 55.5 83.3#
138 31.9 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.027 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

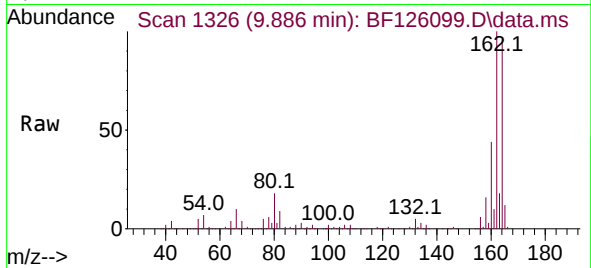
Tgt Ion:165 Resp: 63614
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.4 40.6 60.8#



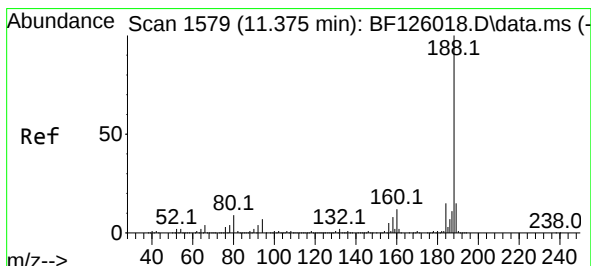
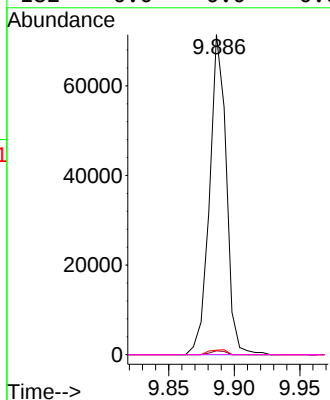
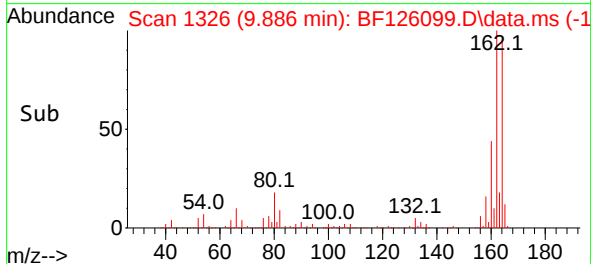


#57
2,4-Dinitrotoluene
Concen: 9.667 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

Instrument :
BNA_F
ClientSampleId :
PB140520BL

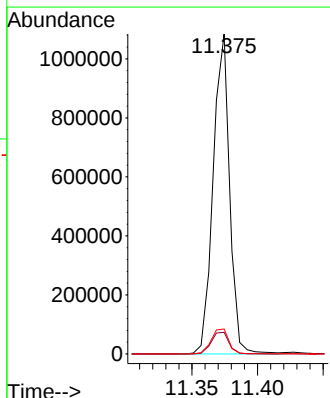
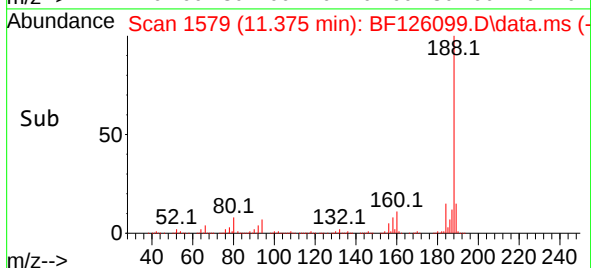
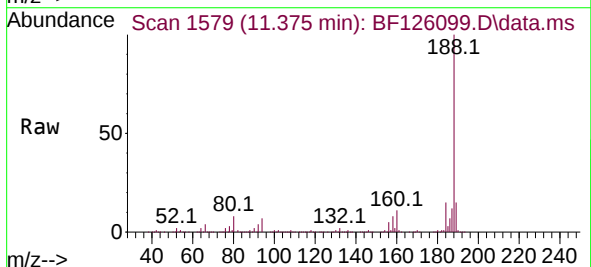


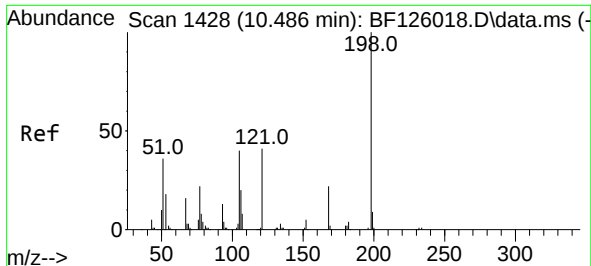
Tgt Ion:165 Resp: 63614
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

Tgt Ion:188 Resp: 944668
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1
80 7.8 7.5 11.3

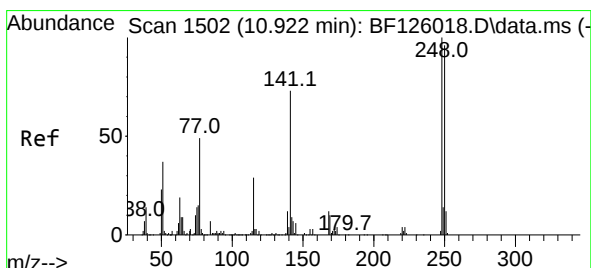
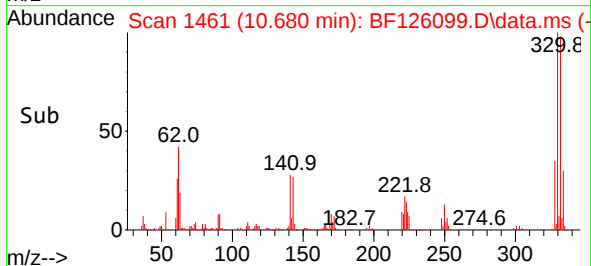
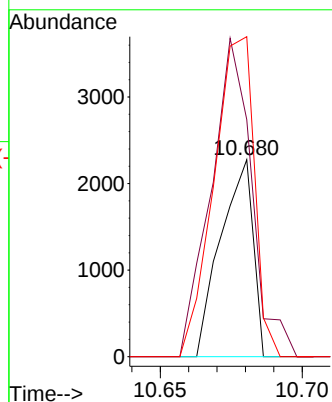
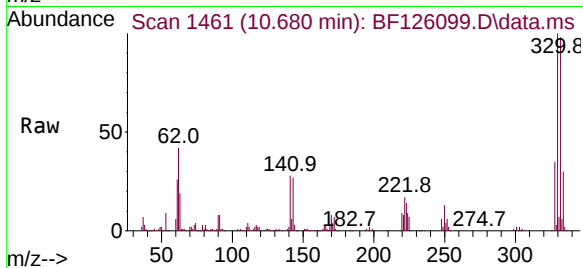




#65
4,6-Dinitro-2-methylphenol
Concen: 8.645 ng
RT: 10.680 min Scan# 1428
Delta R.T. 0.194 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

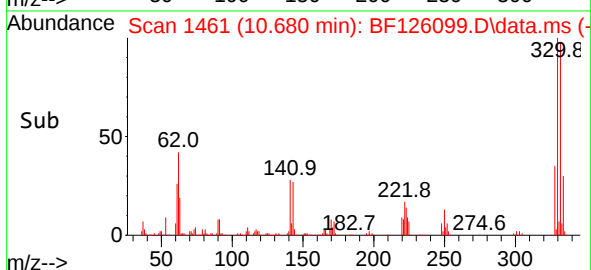
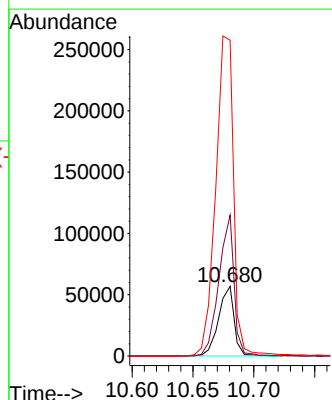
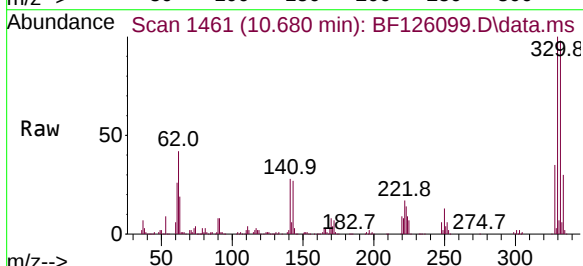
Instrument :
BNA_F
ClientSampleId :
PB140520BL

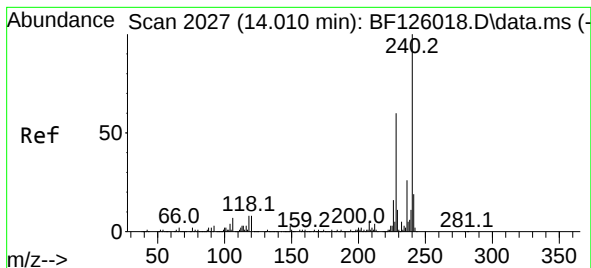
Tgt Ion:198 Resp: 1807
Ion Ratio Lower Upper
198 100
51 120.4 45.3 85.3#
105 162.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.428 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.242 min
Lab File: BF126099.D
Acq: 10 Nov 2021 10:15

Tgt Ion:248 Resp: 50665
Ion Ratio Lower Upper
248 100
250 202.5 74.2 111.4#
141 453.7 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF126099.D

Acq: 10 Nov 2021 10:15

Instrument :

BNA_F

ClientSampleId :

PB140520BL

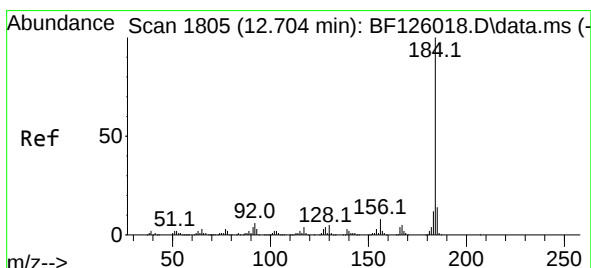
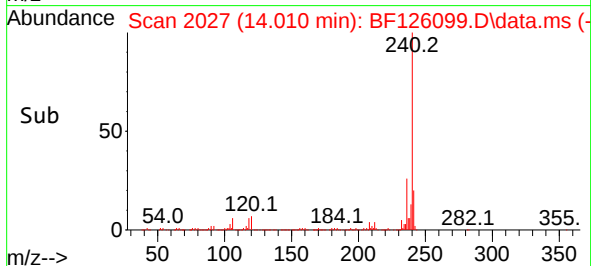
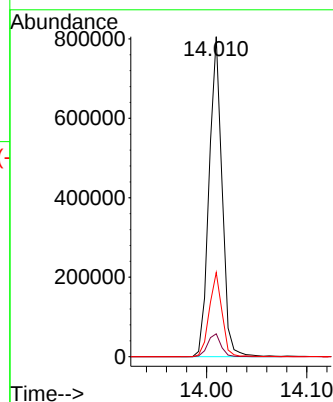
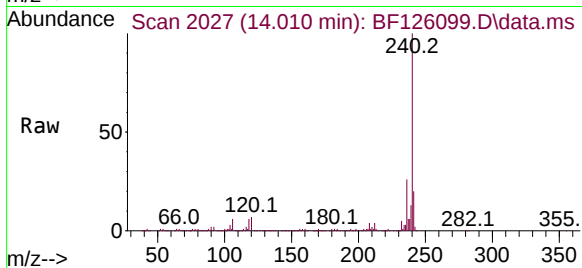
Tgt Ion:240 Resp: 724873

Ion Ratio Lower Upper

240 100

120 7.2 10.8 16.2#

236 26.3 21.6 32.4



#77

Benzidine

Concen: 2.194 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.259 min

Lab File: BF126099.D

Acq: 10 Nov 2021 10:15

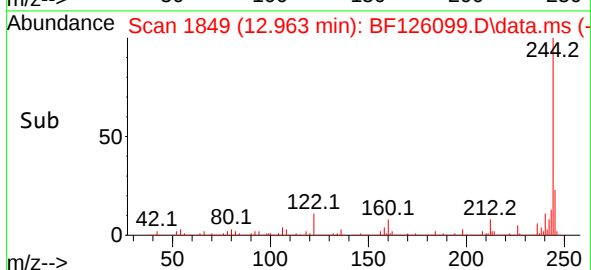
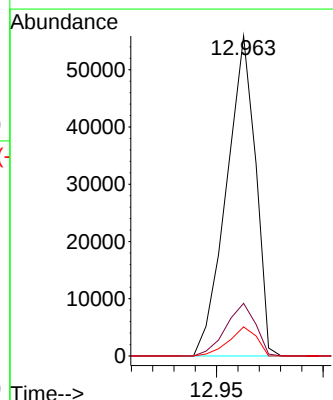
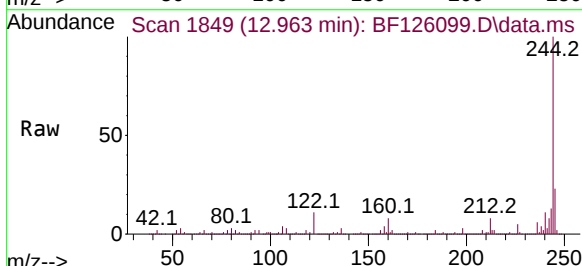
Tgt Ion:184 Resp: 53165

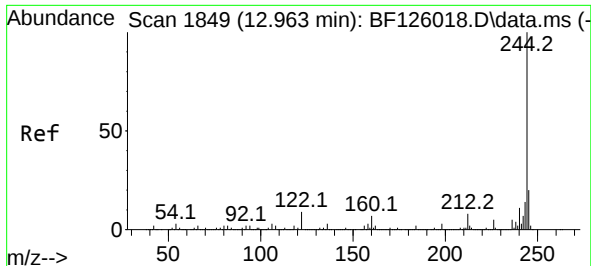
Ion Ratio Lower Upper

184 100

185 16.5 10.8 16.2#

183 9.1 8.1 12.1

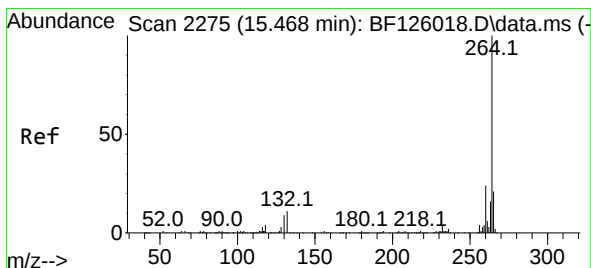
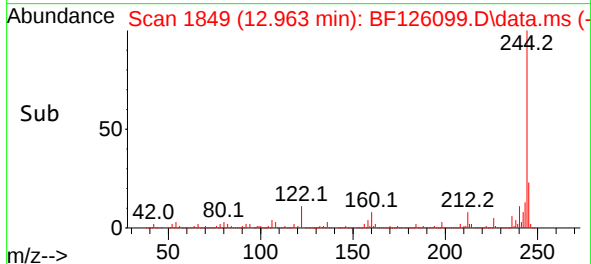
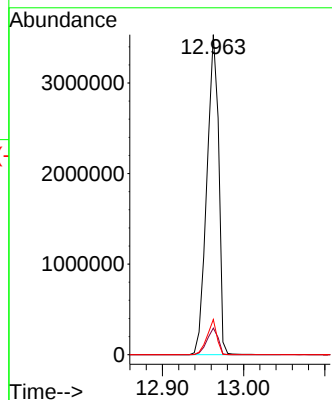
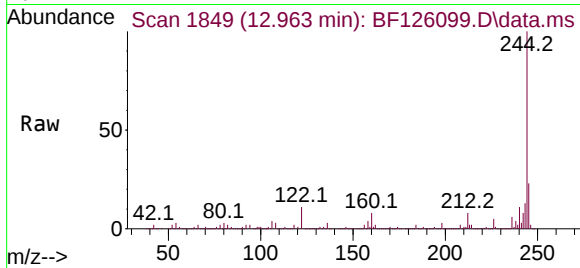




#79
 Terphenyl-d14
 Concen: 79.142 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126099.D
 Acq: 10 Nov 2021 10:15

Instrument :
 BNA_F
 ClientSampleId :
 PB140520BL

Tgt Ion:244 Resp: 3557611
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 11.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF126099.D
 Acq: 10 Nov 2021 10:15

Tgt Ion:264 Resp: 554517
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.6 29.4
 265 21.4 17.2 25.8

