

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126106.D
 Acq On : 10 Nov 2021 14:22
 Operator : JU/CG
 Sample : M4537-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3

Quant Time: Nov 11 09:28:10 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

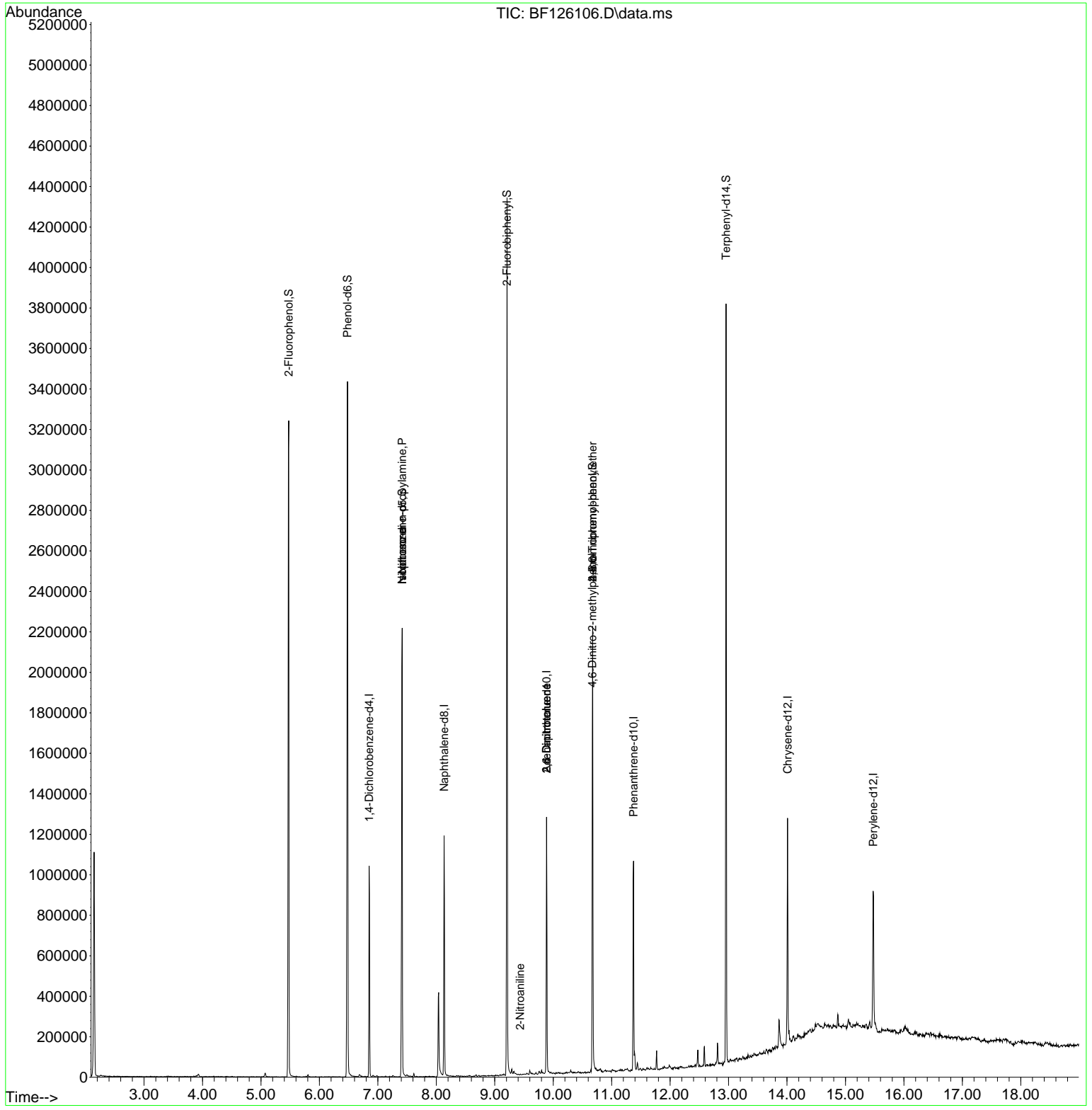
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	138803	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	467966	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	232262	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	381034	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	347661	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	329345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	754124	93.301	ng	0.01
7) Phenol-d6	6.481	99	964448	84.645	ng	0.00
23) Nitrobenzene-d5	7.416	82	688068	69.342	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	233460	87.710	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1182035	68.774	ng	0.00
79) Terphenyl-d14	12.957	244	1104597	51.234	ng	0.00
Target Compounds						
9) Benzaldehyde	6.398	77	304	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.416	70	99802	13.287	ng	# 55
25) Isophorone	7.416	82	686043	38.400	ng	# 59
48) 2-Nitroaniline	9.433	65	115	2.873	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	29998	10.350	ng	# 29
57) 2,4-Dinitrotoluene	9.886	165	29998	9.876	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.668	198	250	8.429	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	15989	3.464	ng	# 1

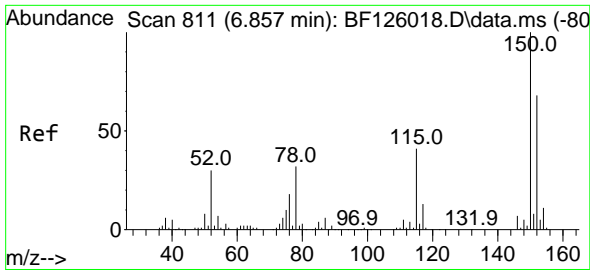
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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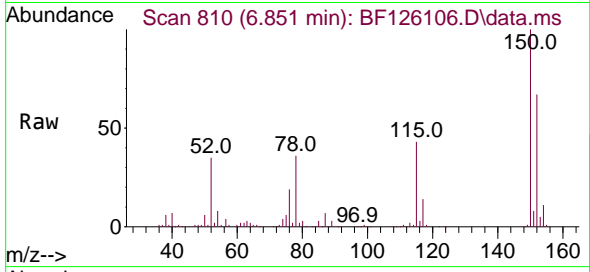
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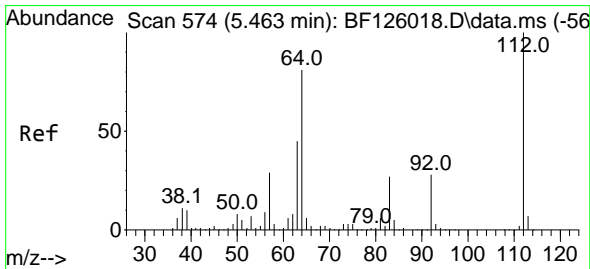
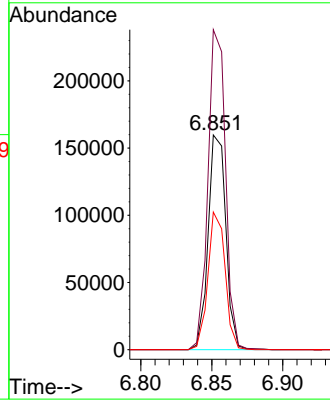
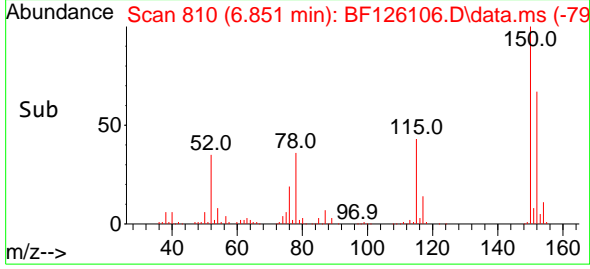


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

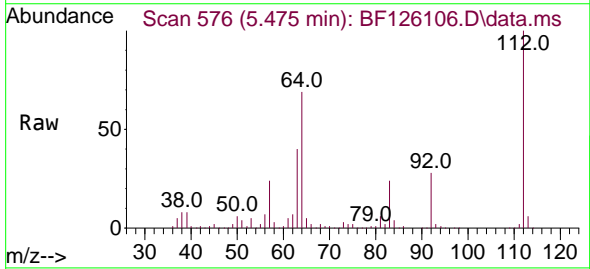
Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3



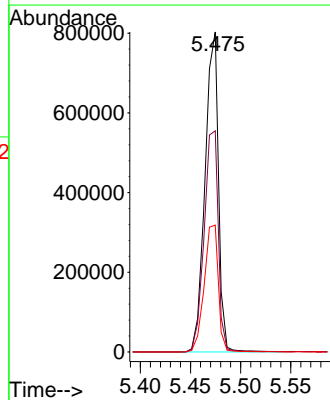
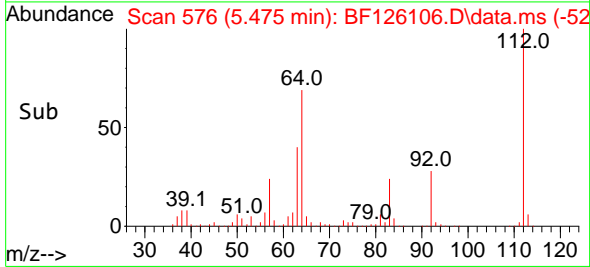
Tgt Ion:152 Resp: 138803
 Ion Ratio Lower Upper
 152 100
 150 149.0 117.6 176.4
 115 64.0 47.1 70.7

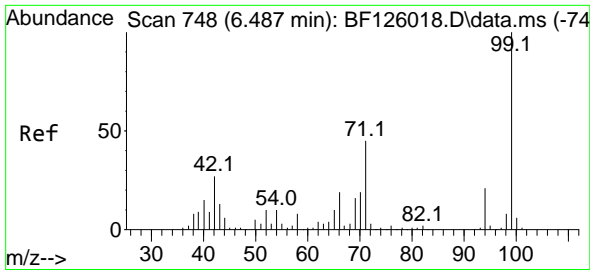


#5
 2-Fluorophenol
 Concen: 93.301 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.012 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22



Tgt Ion:112 Resp: 754124
 Ion Ratio Lower Upper
 112 100
 64 69.1 44.2 66.2#
 63 39.6 26.2 39.2#

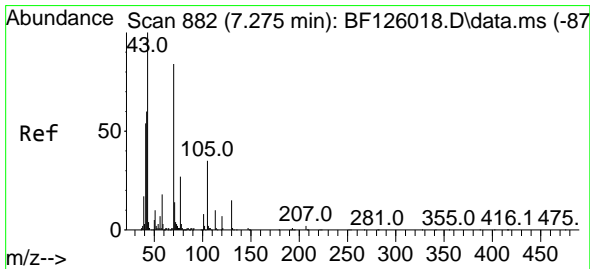
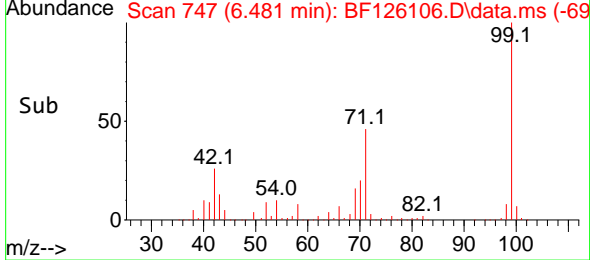
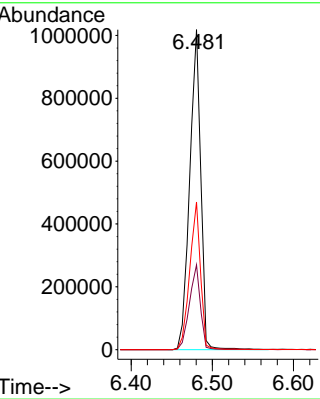
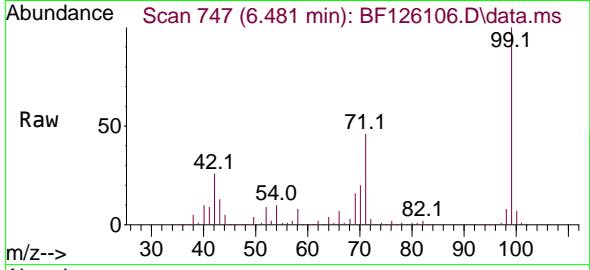




#7
 Phenol-d6
 Concen: 84.645 ng
 RT: 6.481 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

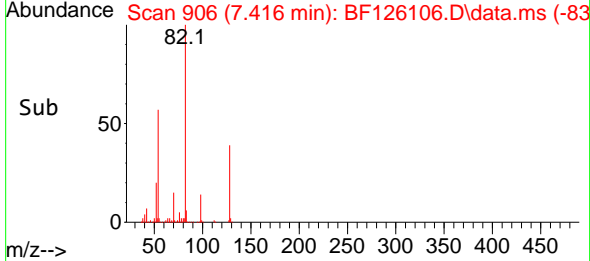
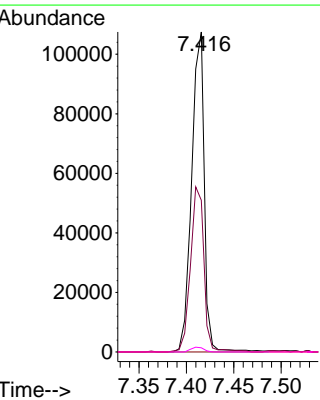
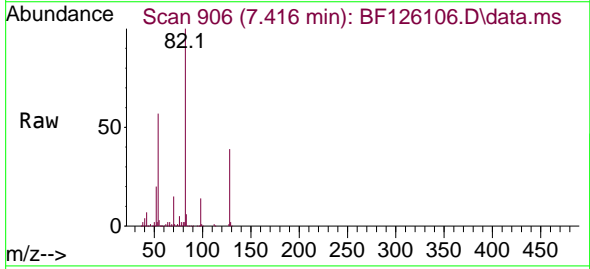
Instrument : BNA_F
 ClientSampleId : S1-S2-S3

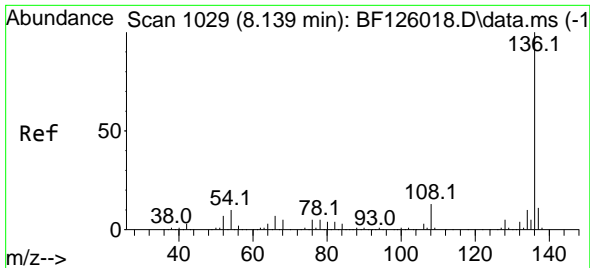
Tgt Ion	Resp	Lower	Upper
99	100		
42	26.5	23.5	35.3
71	46.2	25.6	38.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.287 ng
 RT: 7.416 min Scan# 906
 Delta R.T. 0.141 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

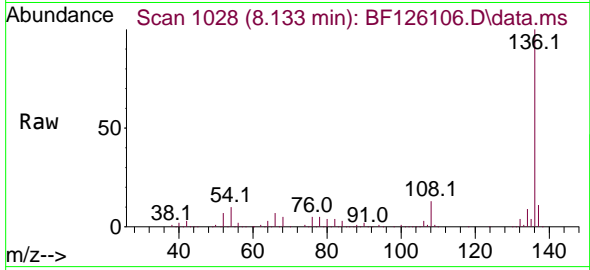
Tgt Ion	Resp	Lower	Upper
70	100		
42	47.4	72.2	108.2
101	0.0	7.8	11.8
130	1.3	21.8	32.6



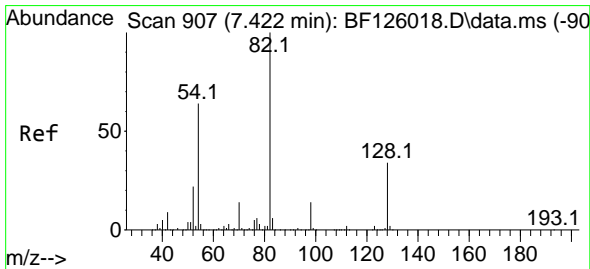
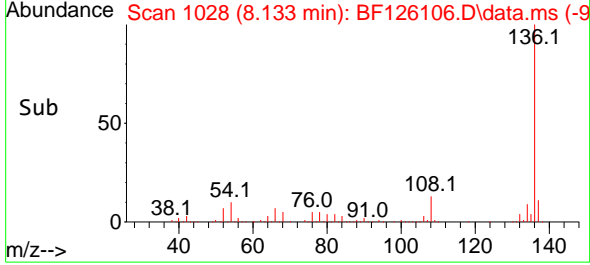
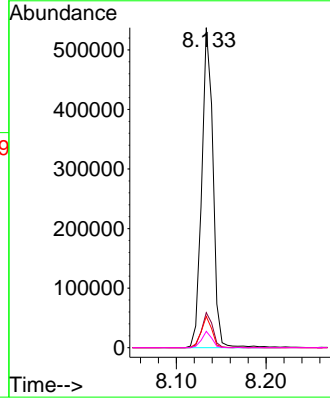


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.133 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3

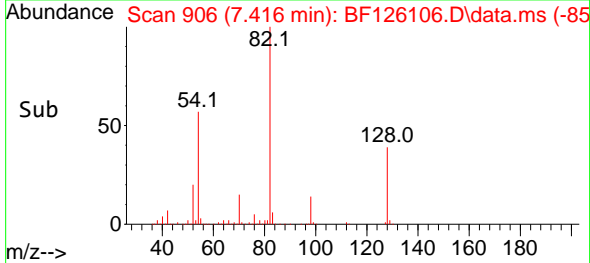
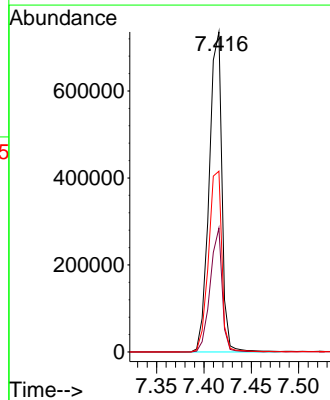
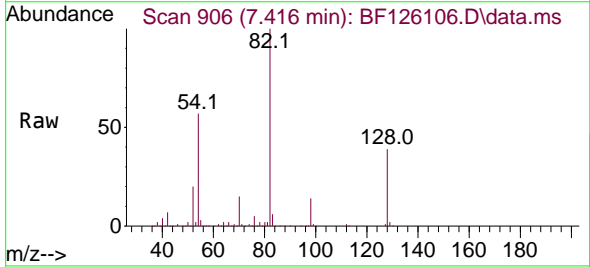


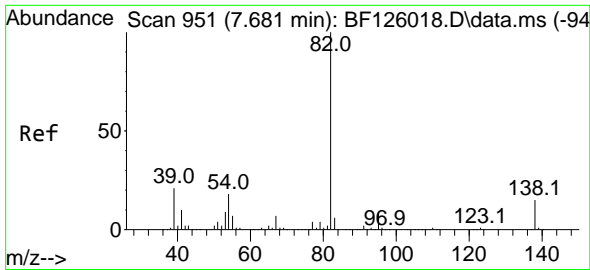
Tgt Ion:136 Resp: 467966
 Ion Ratio Lower Upper
 136 100
 137 10.9 9.8 14.6
 54 9.7 6.4 9.6#
 68 5.1 3.3 4.9#



#23
 Nitrobenzene-d5
 Concen: 69.342 ng
 RT: 7.416 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

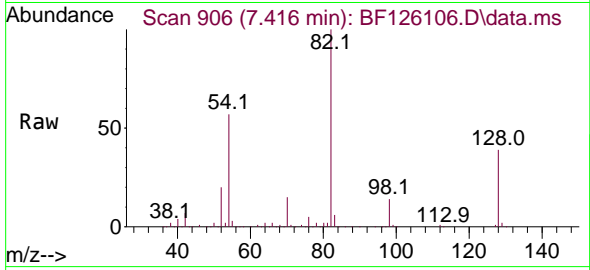
Tgt Ion: 82 Resp: 688068
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 60.8#
 54 56.5 49.6 74.4



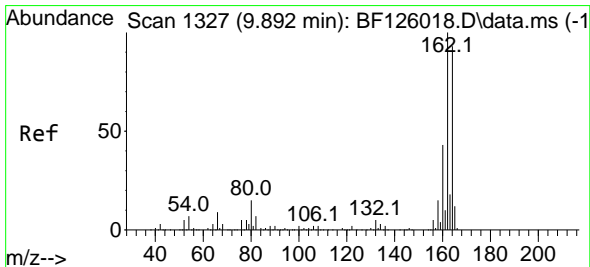
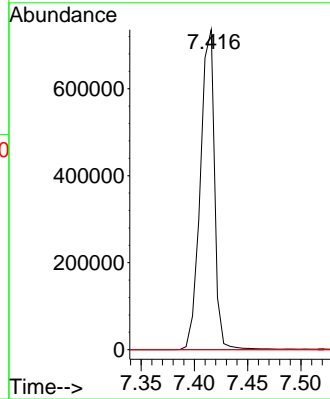
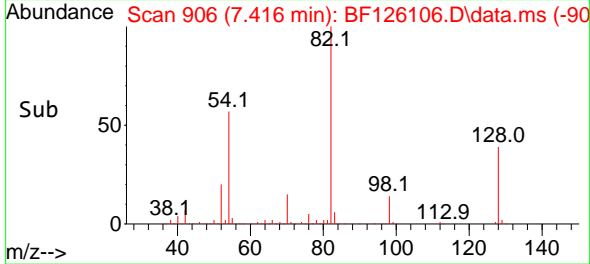


#25
 Isophorone
 Concen: 38.400 ng
 RT: 7.416 min Scan# 90
 Delta R.T. -0.265 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

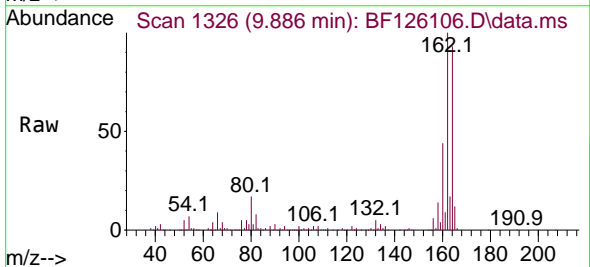
Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3



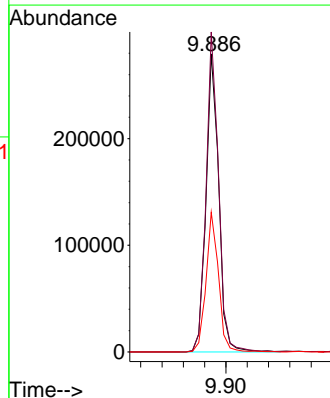
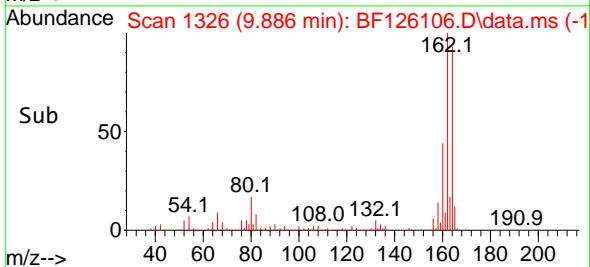
Tgt Ion: 82 Resp: 686043
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.5 9.7#
 138 0.0 18.4 27.6#

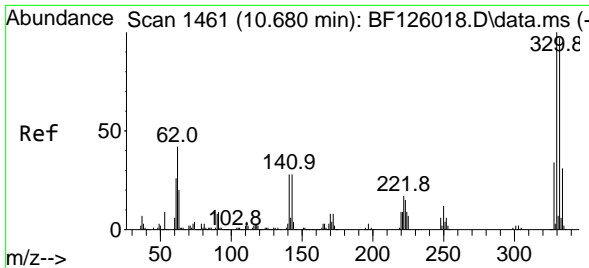


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22



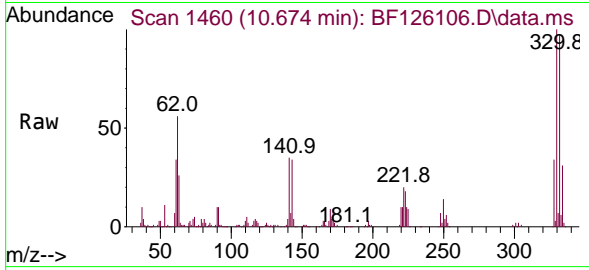
Tgt Ion: 164 Resp: 232262
 Ion Ratio Lower Upper
 164 100
 162 107.4 81.3 121.9
 160 46.9 38.0 57.0



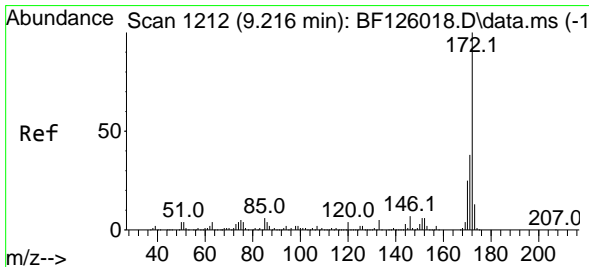
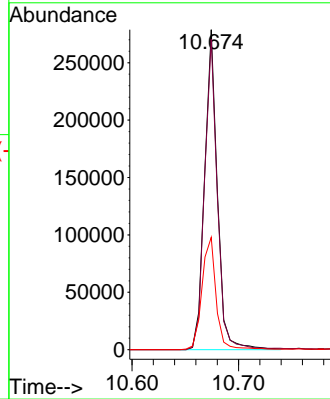
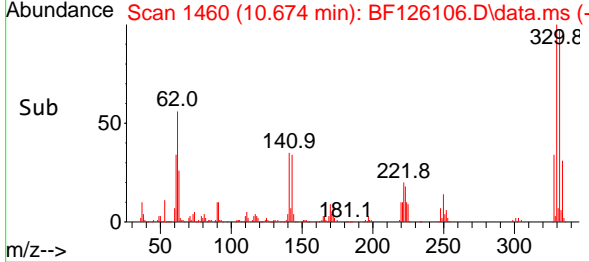


#42
 2,4,6-Tribromophenol
 Concen: 87.710 ng
 RT: 10.674 min Scan# 1460
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

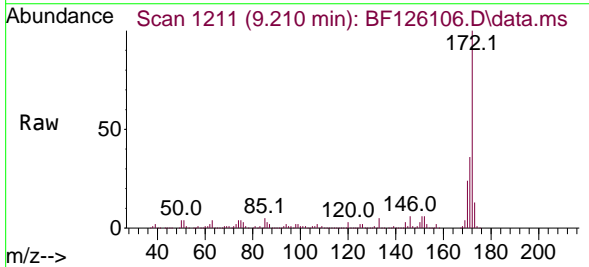
Instrument : BNA_F
 ClientSampleId : S1-S2-S3



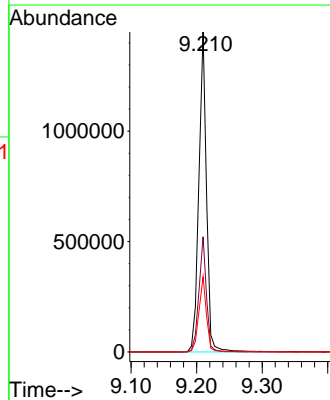
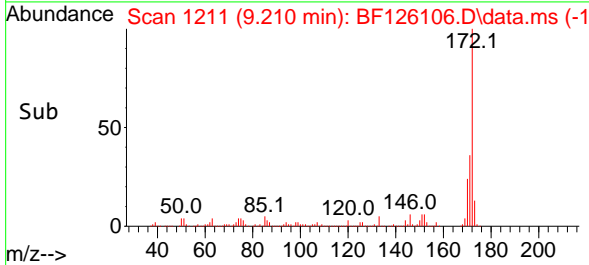
Tgt Ion:330 Resp: 233460
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.2 114.4
 141 39.0 44.6 66.8#

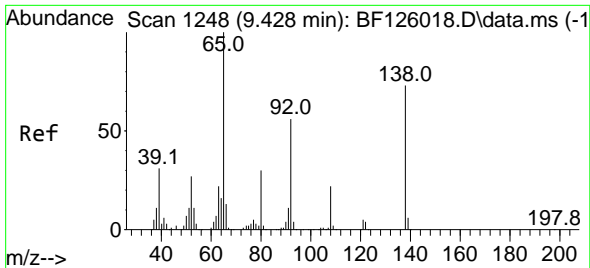


#45
 2-Fluorobiphenyl
 Concen: 68.774 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22



Tgt Ion:172 Resp: 1182035
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.5 39.7
 170 23.5 18.8 28.2

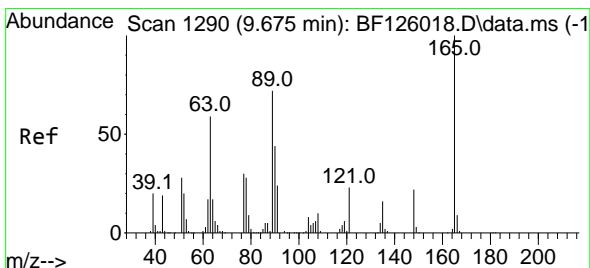
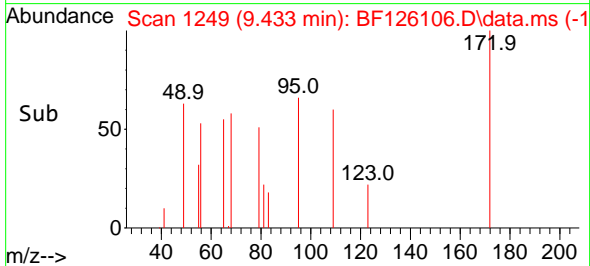
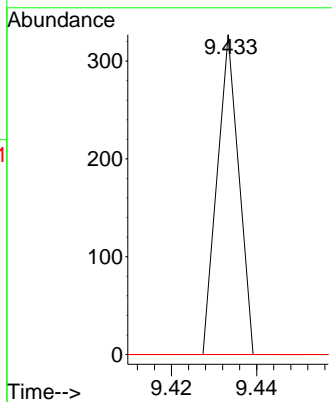
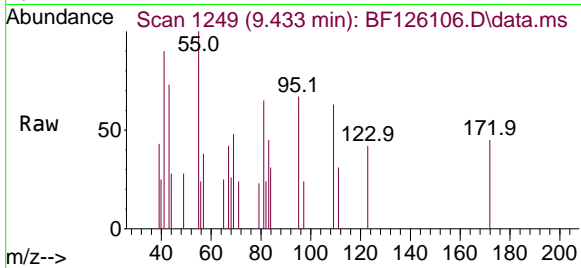




#48
 2-Nitroaniline
 Concen: 2.873 ng
 RT: 9.433 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

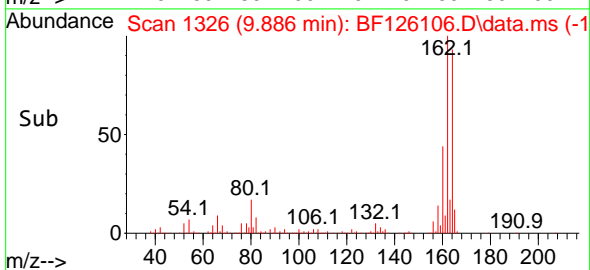
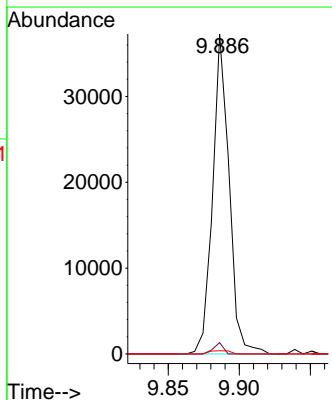
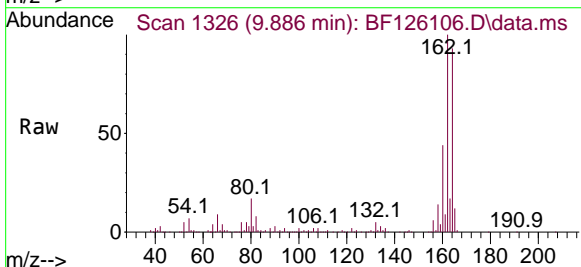
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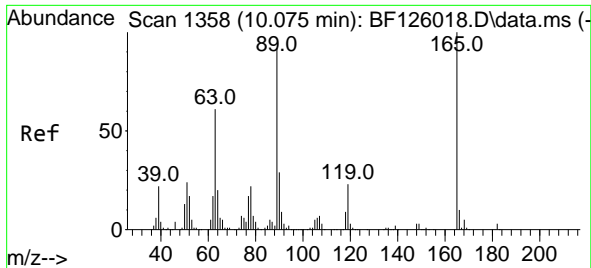
Tgt Ion: 65 Resp: 115
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.5 83.3#
 138 0.0 93.5 140.3#



#51
 2,6-Dinitrotoluene
 Concen: 10.350 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. 0.211 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

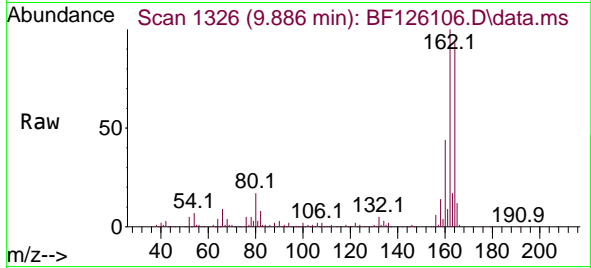
Tgt Ion: 165 Resp: 29998
 Ion Ratio Lower Upper
 165 100
 63 3.5 42.6 63.8#
 89 1.0 40.6 60.8#



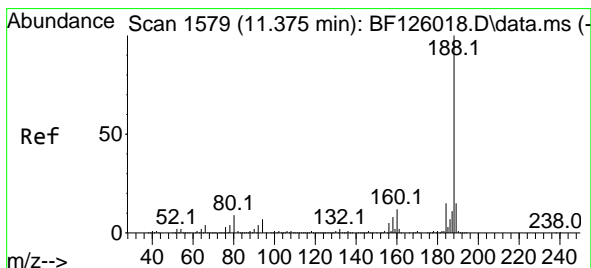
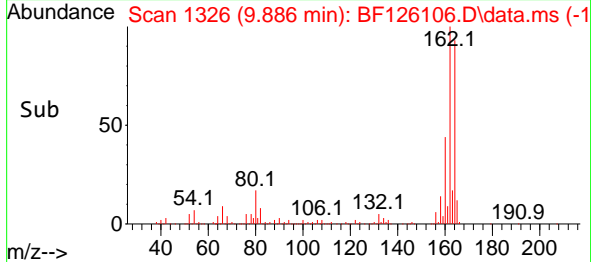
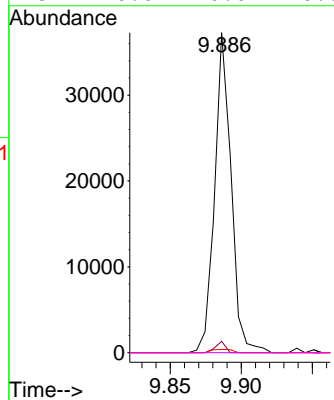


#57
 2,4-Dinitrotoluene
 Concen: 9.876 ng
 RT: 9.886 min Scan# 11
 Delta R.T. -0.189 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3

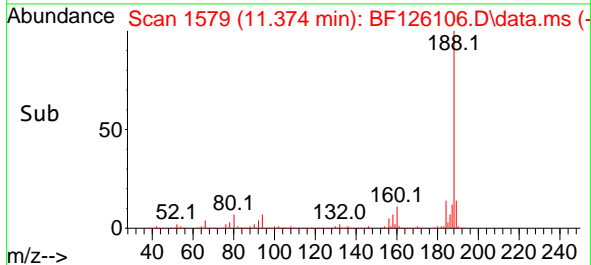
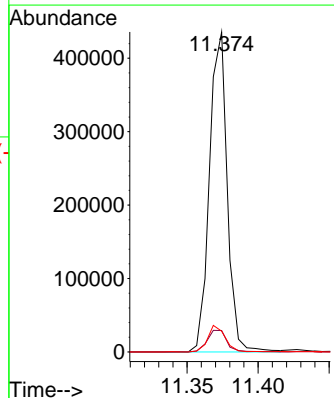
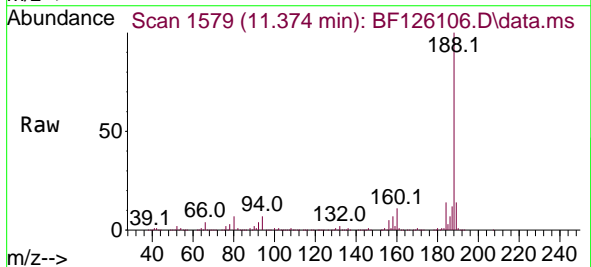


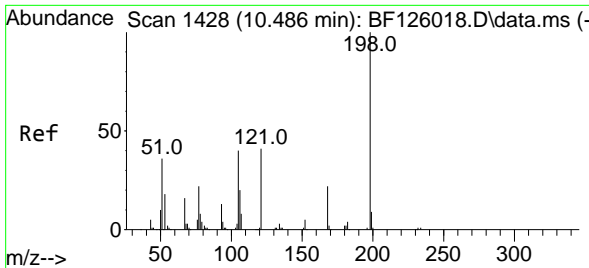
Tgt Ion:165 Resp: 29998
 Ion Ratio Lower Upper
 165 100
 63 3.5 40.9 61.3#
 89 1.0 59.7 89.5#
 182 0.0 0.0 0.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.374 min Scan# 1579
 Delta R.T. -0.001 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

Tgt Ion:188 Resp: 381034
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.7 10.1#
 80 6.5 7.5 11.3#

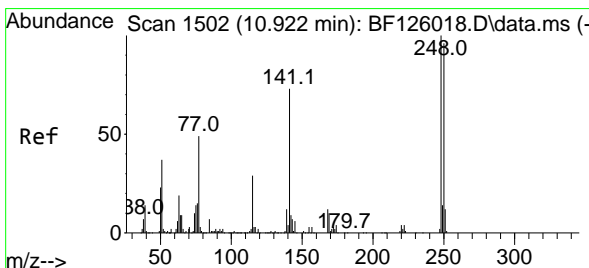
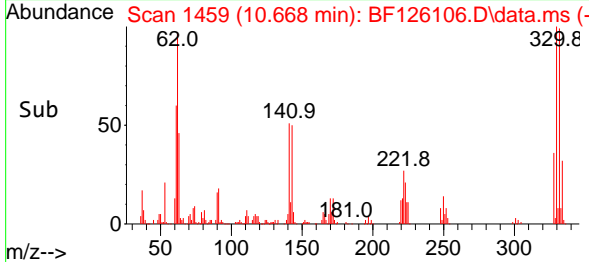
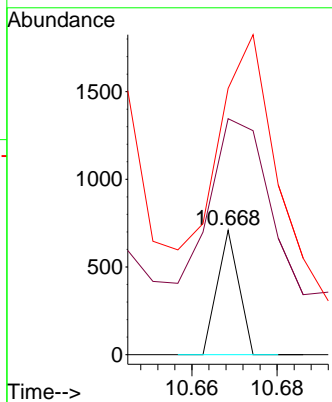
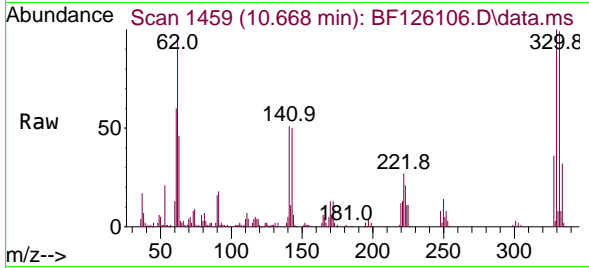




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.429 ng
 RT: 10.668 min Scan# 14
 Delta R.T. 0.182 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

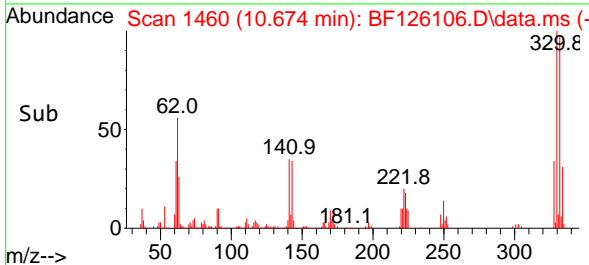
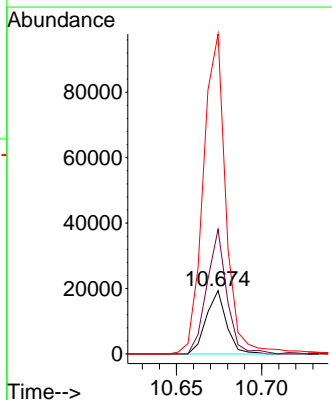
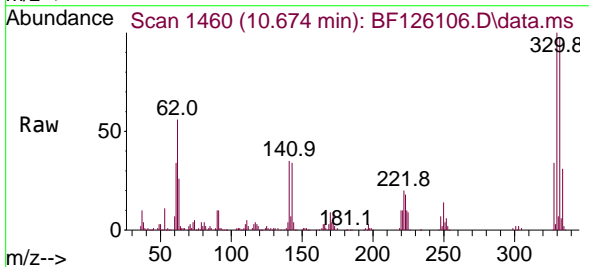
Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3

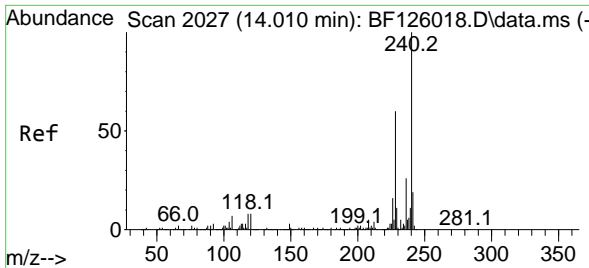
Tgt Ion	Resp	Lower	Upper
198	100		
51	189.8	45.3	85.3#
105	214.1	30.6	70.6#



#67
 4-Bromophenyl-phenylether
 Concen: 3.464 ng
 RT: 10.674 min Scan# 1460
 Delta R.T. -0.248 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

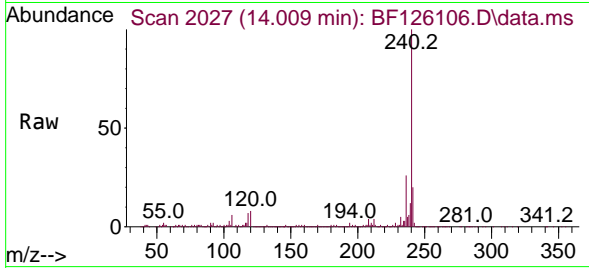
Tgt Ion	Resp	Lower	Upper
248	100		
250	196.6	74.2	111.4#
141	504.6	60.4	90.6#



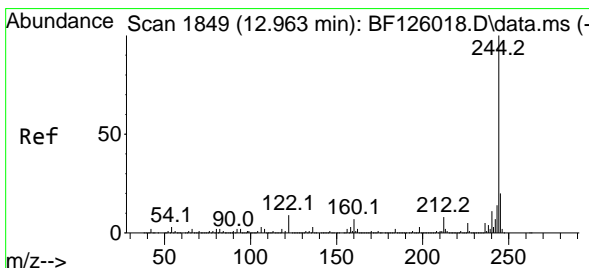
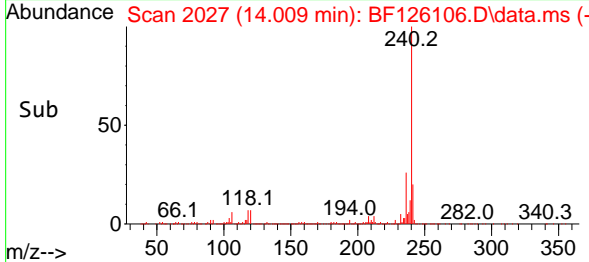
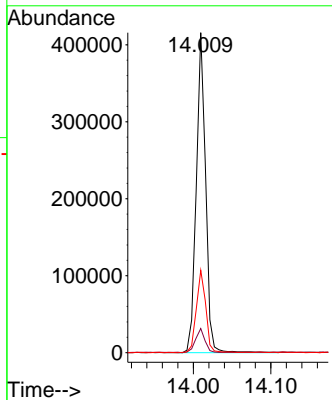


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.009 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3

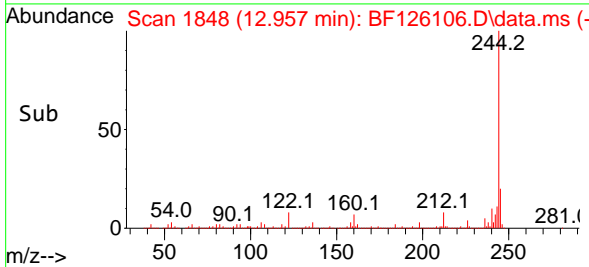
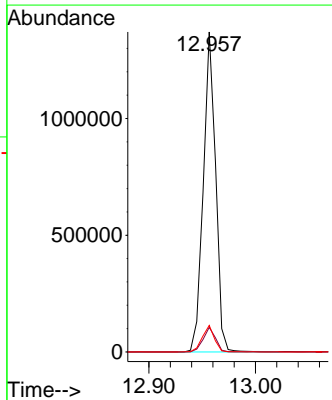
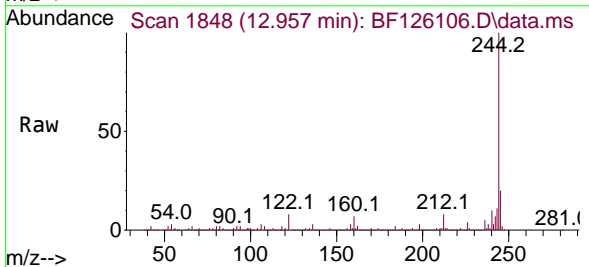


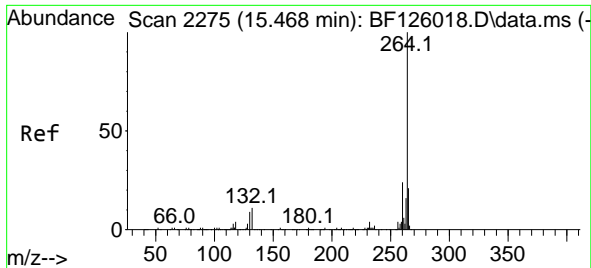
Tgt Ion:240 Resp: 347661
 Ion Ratio Lower Upper
 240 100
 120 7.5 10.8 16.2#
 236 25.8 21.6 32.4



#79
 Terphenyl-d14
 Concen: 51.234 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

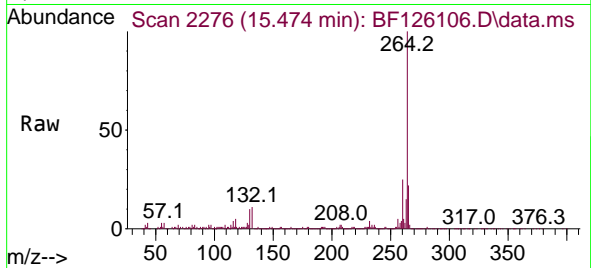
Tgt Ion:244 Resp: 1104597
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 8.3 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126106.D
 Acq: 10 Nov 2021 14:22

Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3



Tgt Ion:264 Resp: 329345
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.3 17.2 25.8

