

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126183.D
 Acq On : 13 Nov 2021 23:07
 Operator : JU/CG
 Sample : M4573-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MBR2

Quant Time: Nov 15 10:03:26 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)

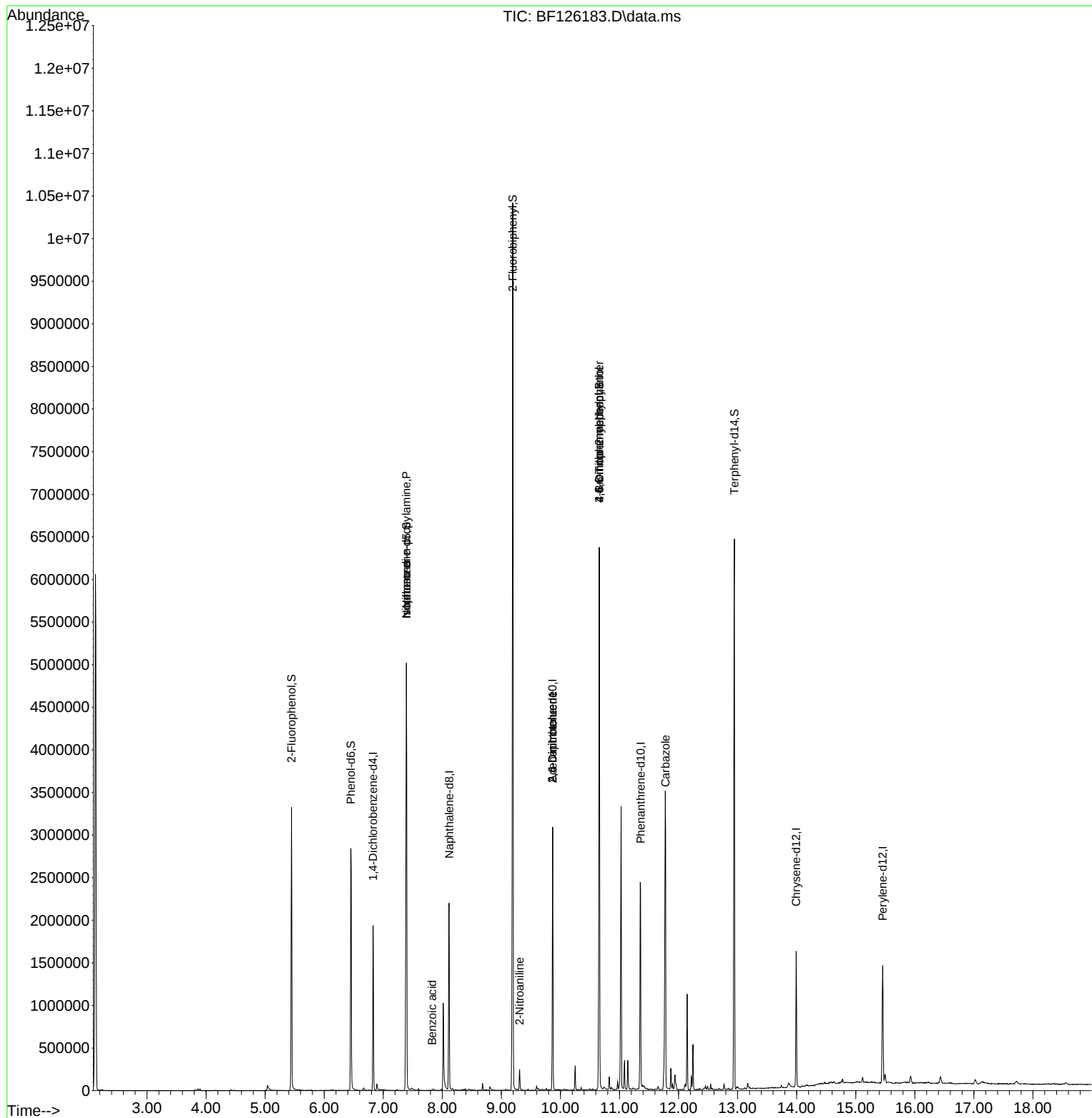
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	266516	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1001620	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	574928	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	910345	20.000	ng	0.00
76) Chrysene-d12	13.992	240	506039	20.000	ng	#-0.01
86) Perylene-d12	15.456	264	628363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	735377	47.384	ng	0.00
7) Phenol-d6	6.451	99	894909	40.905	ng	-0.02
23) Nitrobenzene-d5	7.392	82	1843233	86.787	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	716855	108.801	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	3254694	76.501	ng	0.00
79) Terphenyl-d14	12.945	244	2151043	68.545	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	1645	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	251750	17.455	ng	# 58
25) Isophorone	7.392	82	1834759	47.981	ng	# 59
32) Benzoic acid	7.827	122	2024	9.331	ng	# 77
48) 2-Nitroaniline	9.310	65	2415	3.048	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	75399	10.509	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	75399	9.979	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.657	198	1610	8.620	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	47207	4.281	ng	# 1
73) Carbazole	11.780	167	449631	9.836	ng	# 63

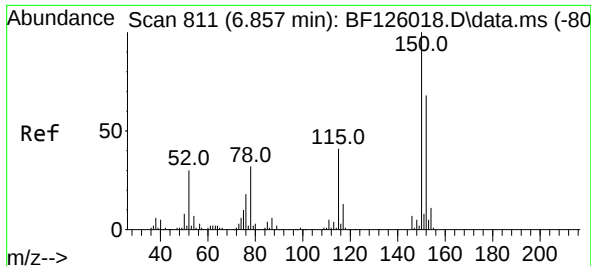
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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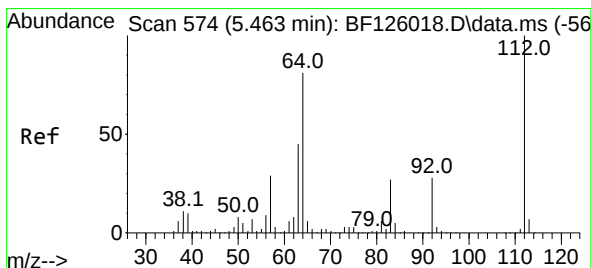
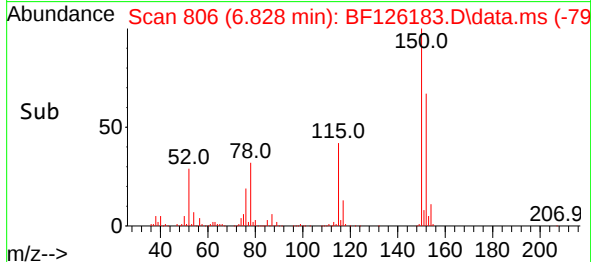
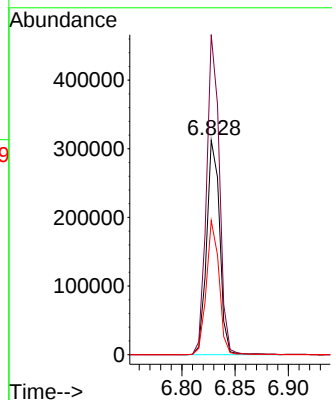
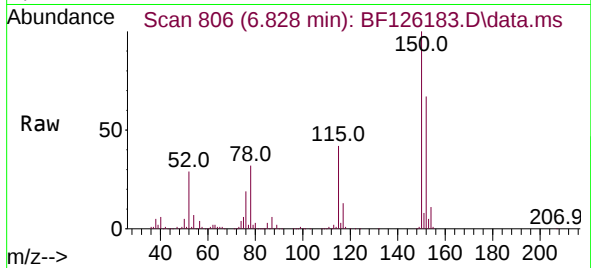




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

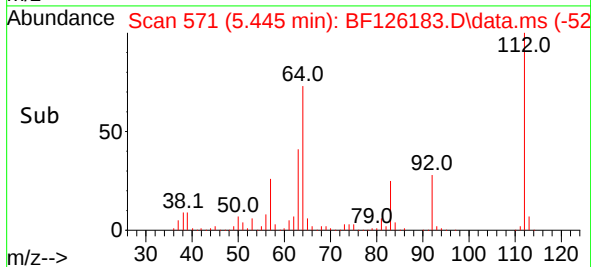
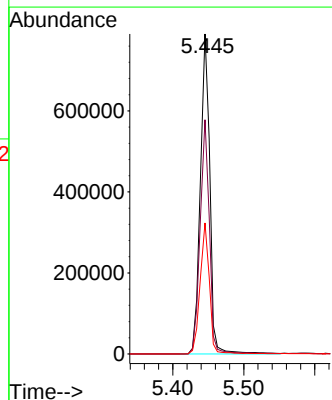
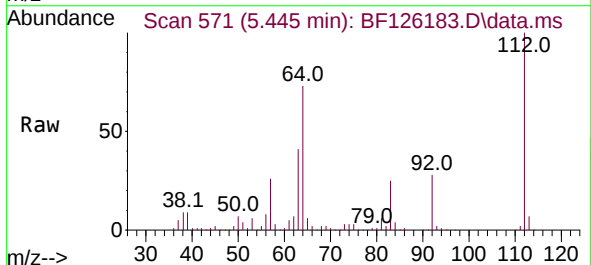
Instrument :
BNA_F
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MBR2

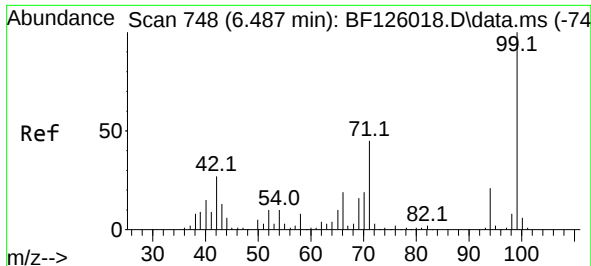
Tgt Ion:152 Resp: 266516
Ion Ratio Lower Upper
152 100
150 149.3 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 47.384 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:112 Resp: 735377
Ion Ratio Lower Upper
112 100
64 73.2 44.2 66.2#
63 41.0 26.2 39.2#

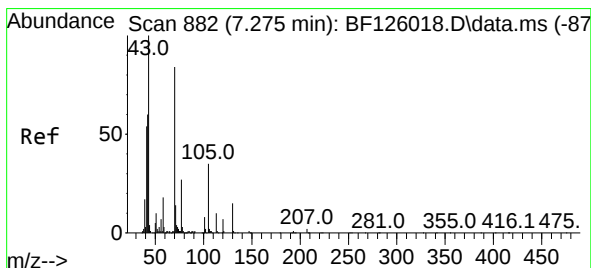
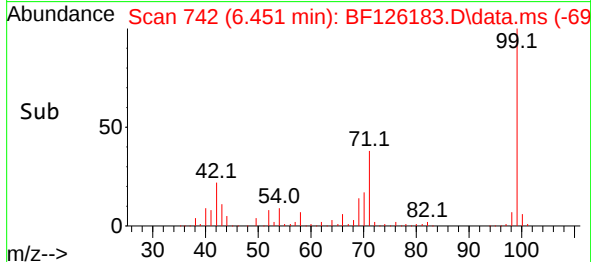
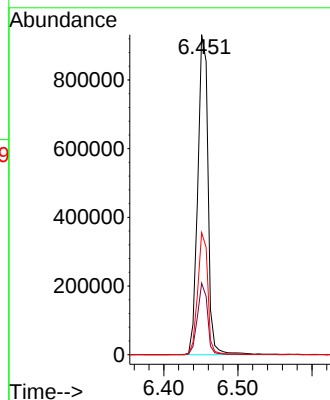
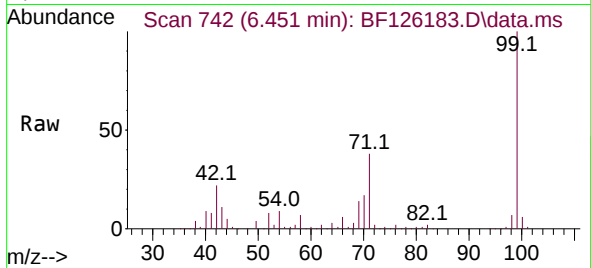




#7
Phenol-d6
Concen: 40.905 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

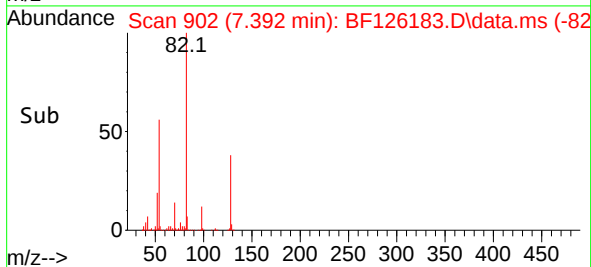
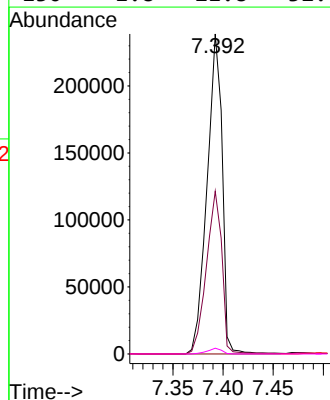
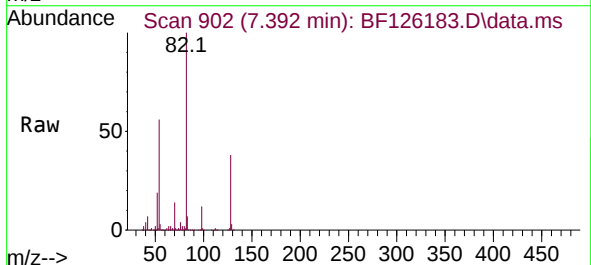
Instrument :
BNA_F
ClientSampleId :
MBR2

Tgt Ion: 99 Resp: 894909
Ion Ratio Lower Upper
99 100
42 22.4 23.5 35.3#
71 38.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.455 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

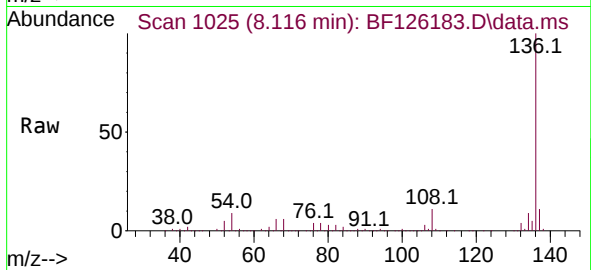
Tgt Ion: 70 Resp: 251750
Ion Ratio Lower Upper
70 100
42 50.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#





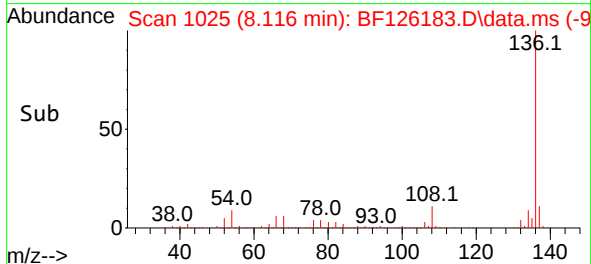
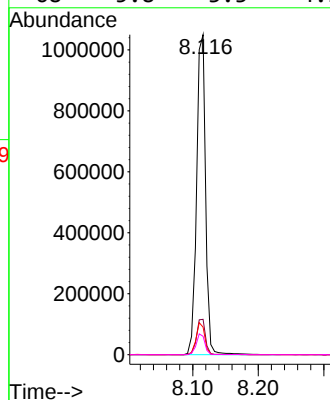
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Instrument :
BNA_F
ClientSampleId :
MBR2



Tgt Ion:136 Resp: 1001620

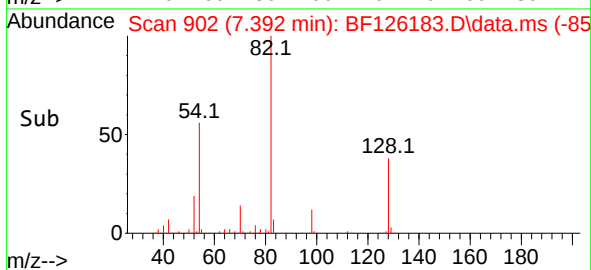
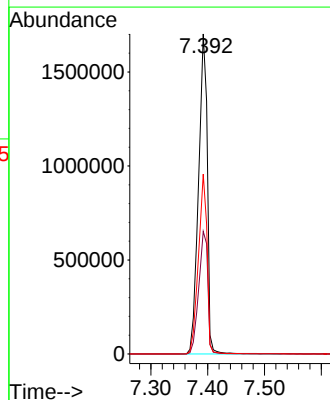
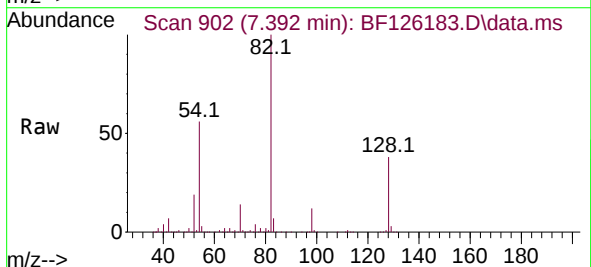
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	8.6	6.4	9.6
68	5.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 86.787 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion: 82 Resp: 1843233

Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	60.8
54	56.2	49.6	74.4

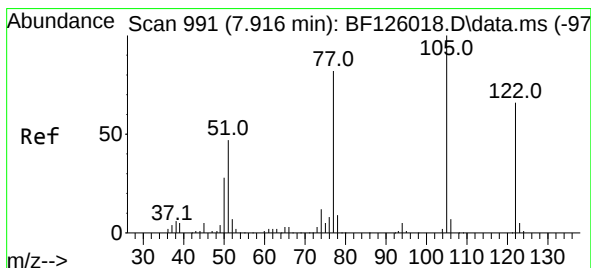
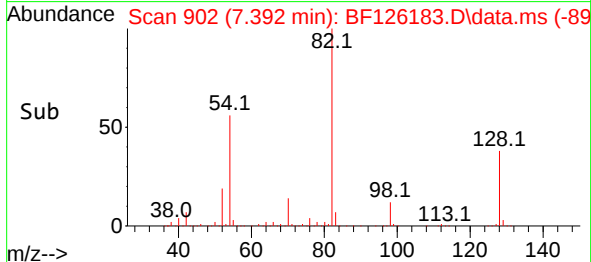
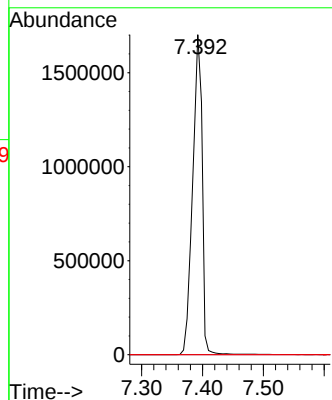
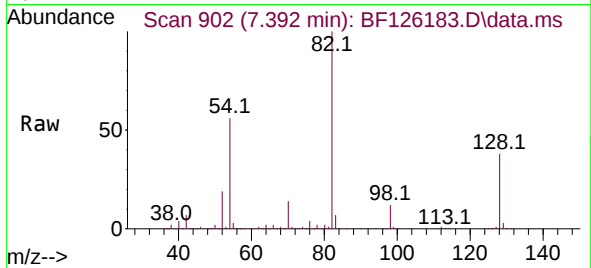




#25
Isophorone
Concen: 47.981 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

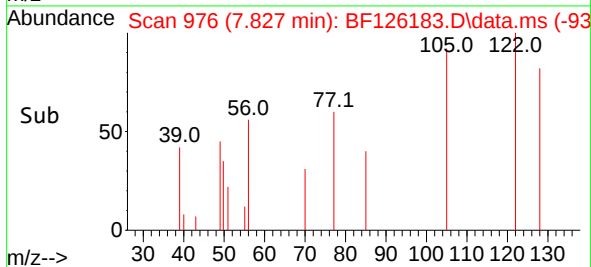
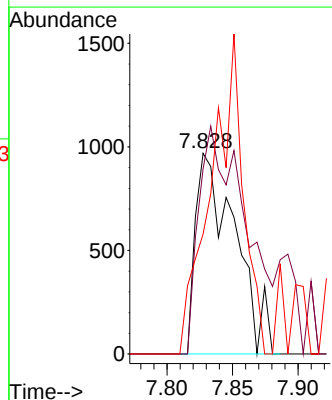
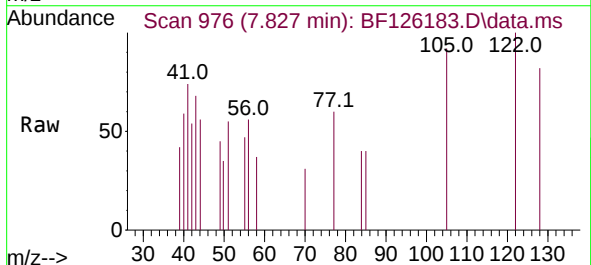
Instrument :
BNA_F
ClientSampleId :
MBR2

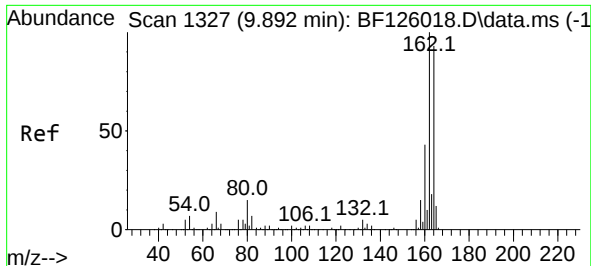
Tgt Ion: 82 Resp: 1834759
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.331 ng
RT: 7.827 min Scan# 976
Delta R.T. -0.071 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:122 Resp: 2024
Ion Ratio Lower Upper
122 100
105 92.3 97.6 137.6#
77 59.8 59.6 99.6

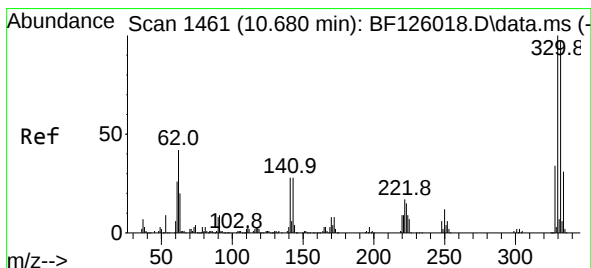
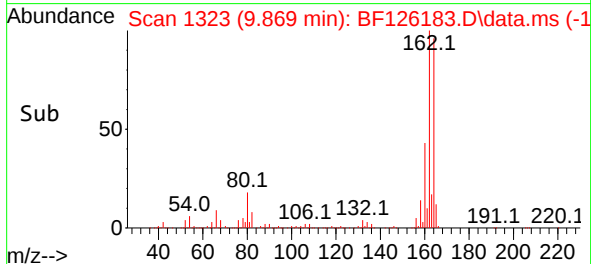
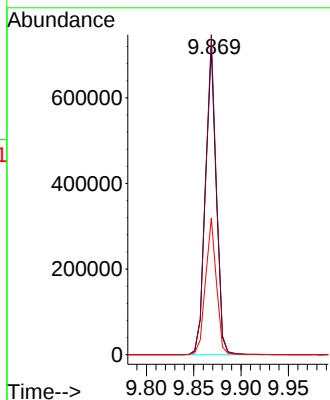
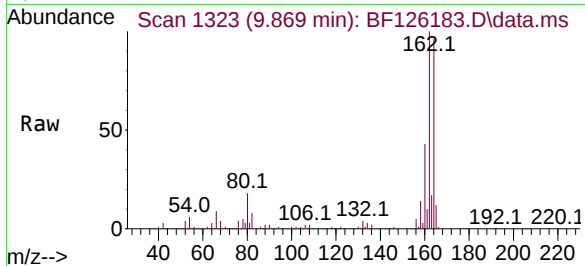




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

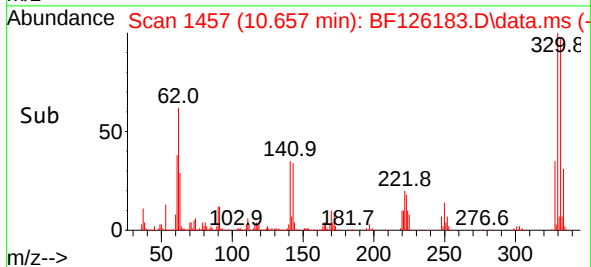
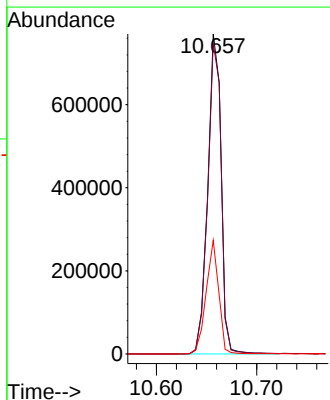
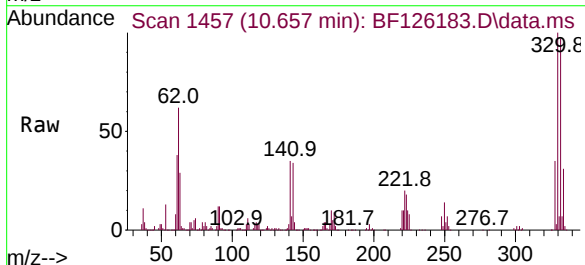
Instrument :
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ClientSampleId :
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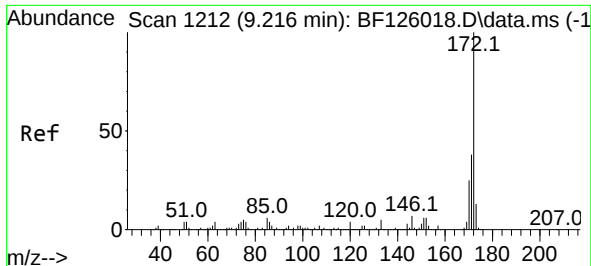
Tgt Ion:164 Resp: 574928
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 108.801 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:330 Resp: 716855
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 33.7 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 76.501 ng

RT: 9.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

Instrument :

BNA_F

ClientSampleId :

MBR2

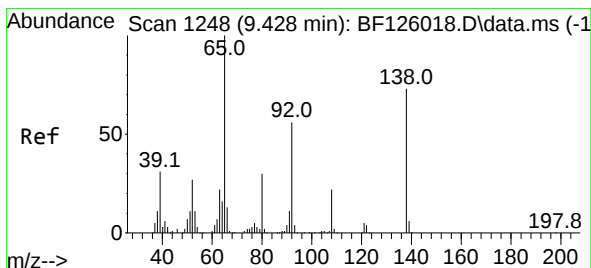
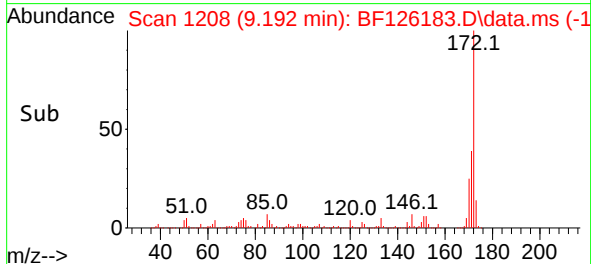
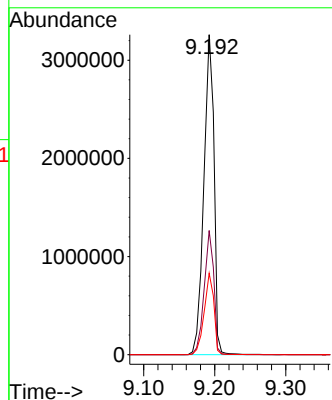
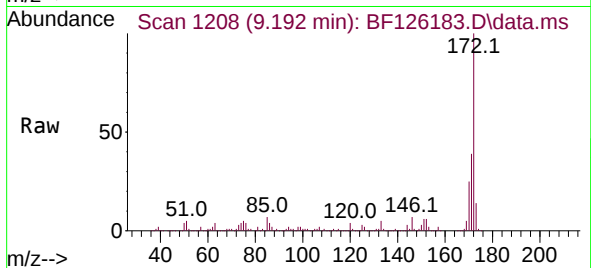
Tgt Ion:172 Resp: 3254694

Ion Ratio Lower Upper

172 100

171 38.8 26.5 39.7

170 25.5 18.8 28.2



#48

2-Nitroaniline

Concen: 3.048 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.106 min

Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

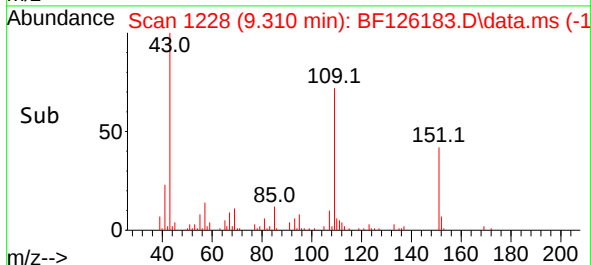
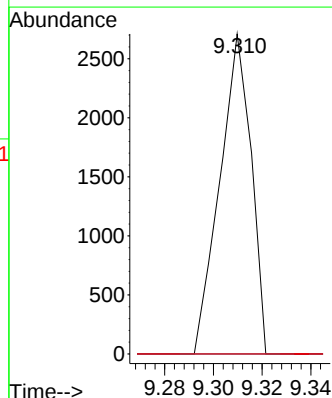
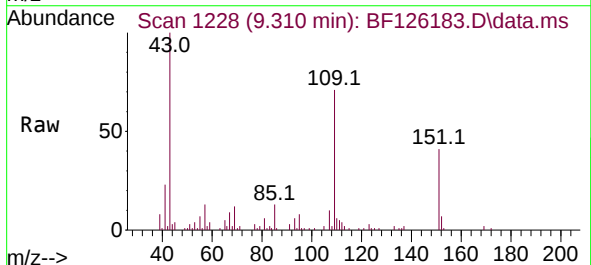
Tgt Ion: 65 Resp: 2415

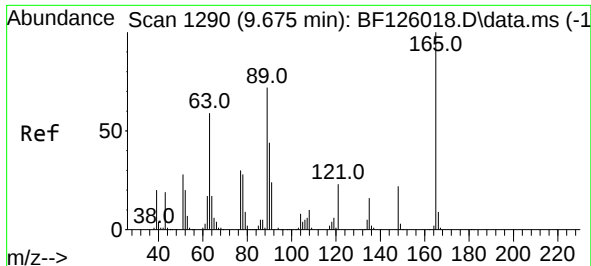
Ion Ratio Lower Upper

65 100

92 0.0 55.5 83.3#

138 0.0 93.5 140.3#

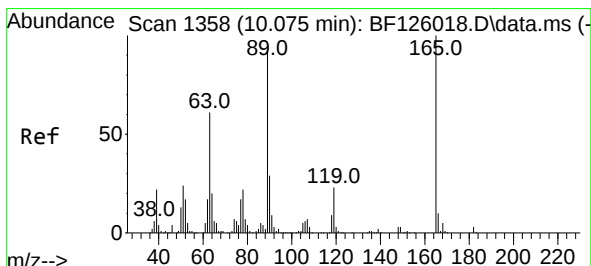
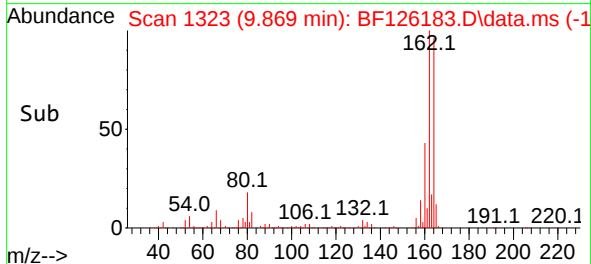
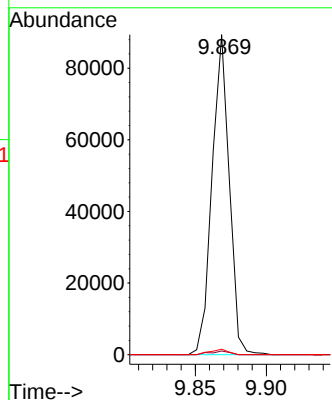
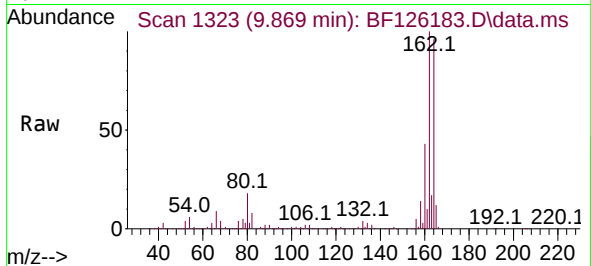




#51
2,6-Dinitrotoluene
Concen: 10.509 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

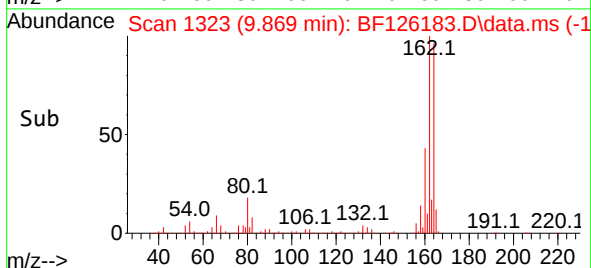
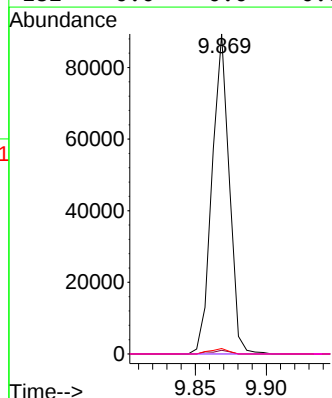
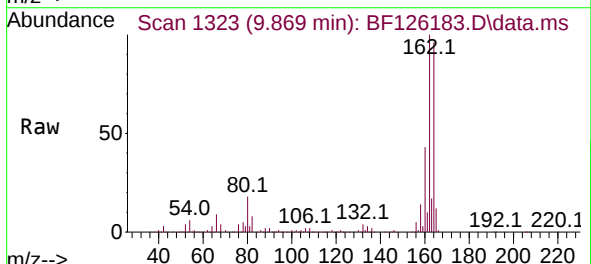
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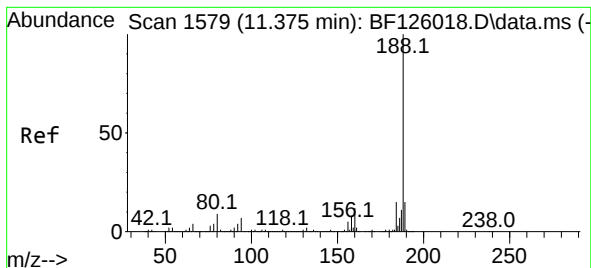
Tgt Ion:165 Resp: 75399
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.979 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:165 Resp: 75399
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

Instrument :

BNA_F

ClientSampleId :

MBR2

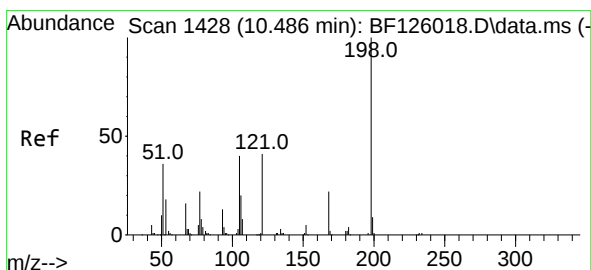
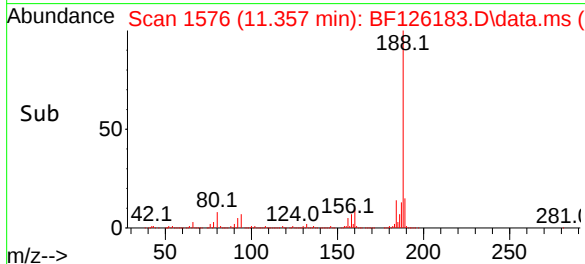
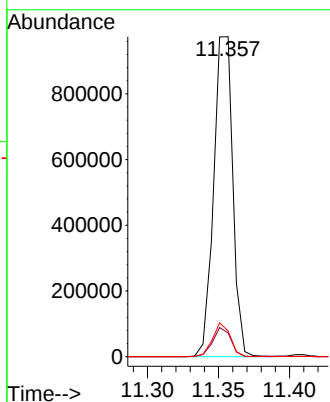
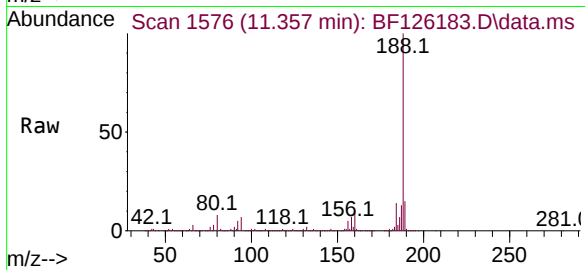
Tgt Ion:188 Resp: 910345

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

80 8.1 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.620 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.188 min

Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

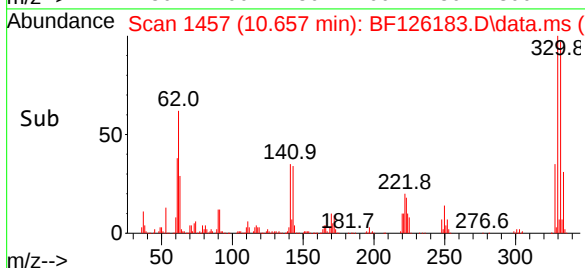
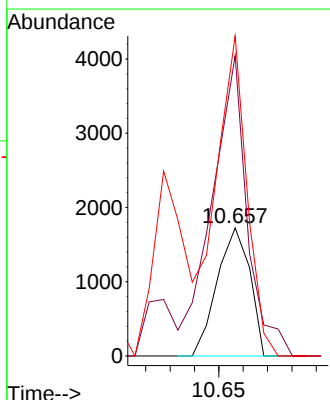
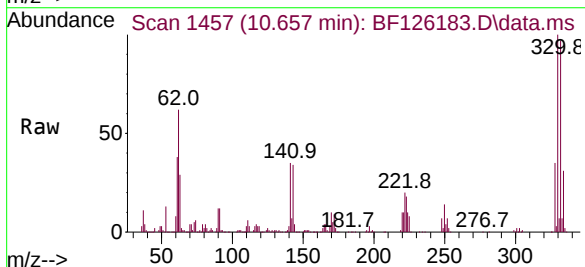
Tgt Ion:198 Resp: 1610

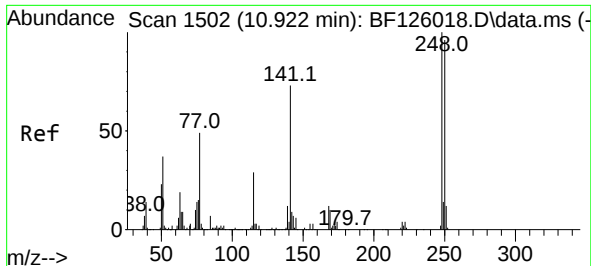
Ion Ratio Lower Upper

198 100

51 234.6 45.3 85.3#

105 250.0 30.6 70.6#

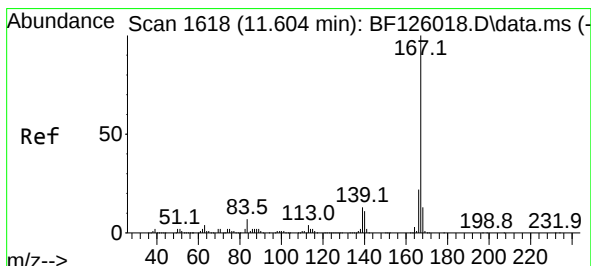
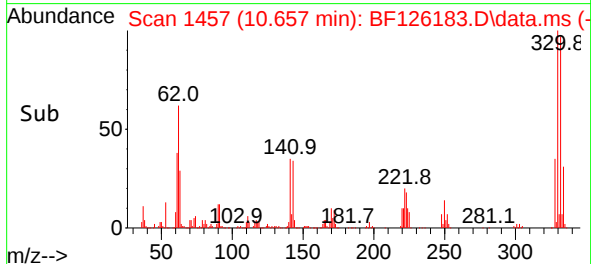
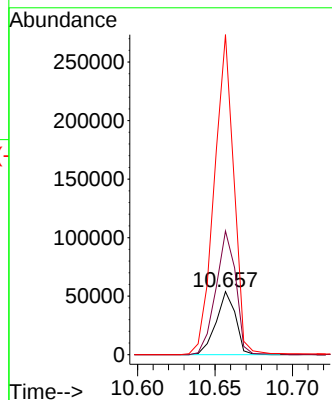
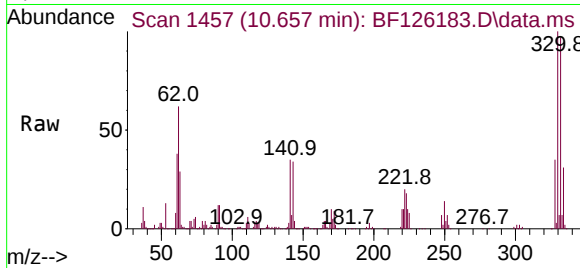




#67
4-Bromophenyl-phenylether
Concen: 4.281 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

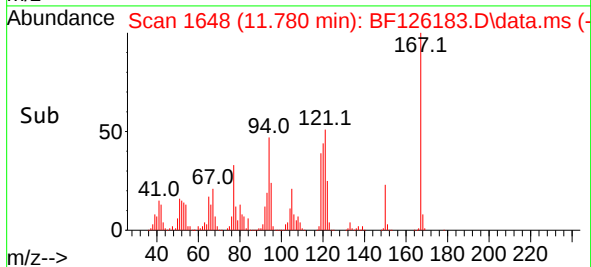
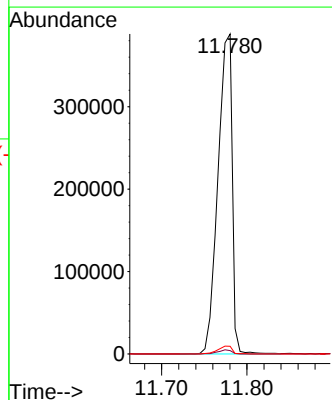
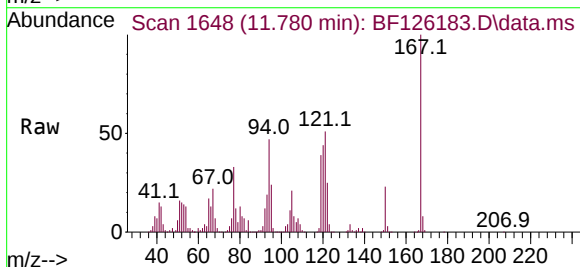
Instrument :
BNA_F
ClientSampleId :
MBR2

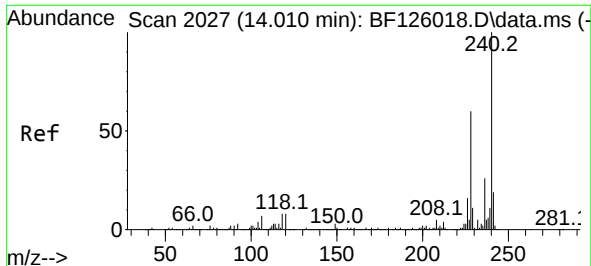
Tgt Ion:248 Resp: 47207
Ion Ratio Lower Upper
248 100
250 196.1 74.2 111.4#
141 507.1 60.4 90.6#



#73
Carbazole
Concen: 9.836 ng
RT: 11.780 min Scan# 1648
Delta R.T. 0.188 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:167 Resp: 449631
Ion Ratio Lower Upper
167 100
166 1.1 17.4 26.0#
139 2.4 11.0 16.4#

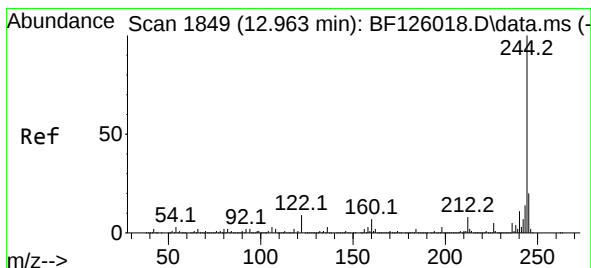
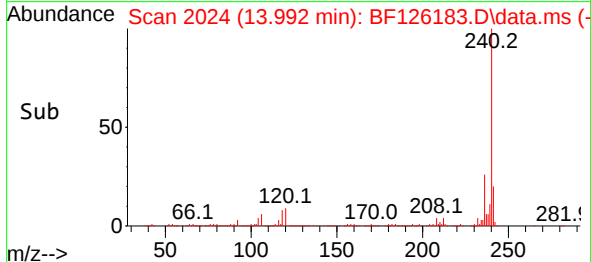
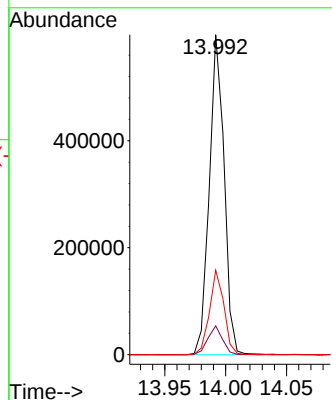
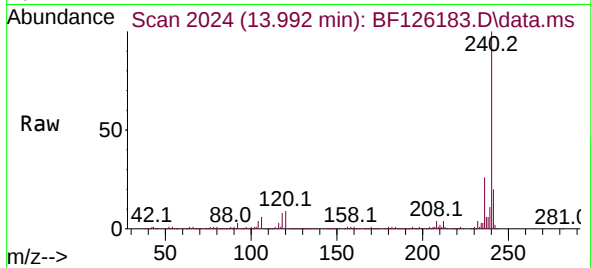




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

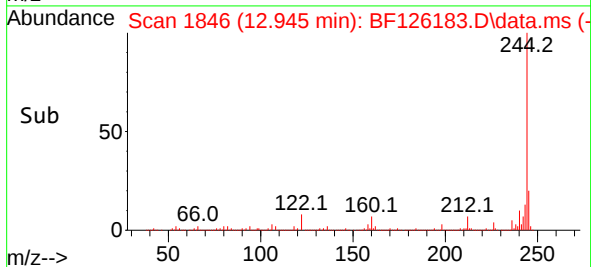
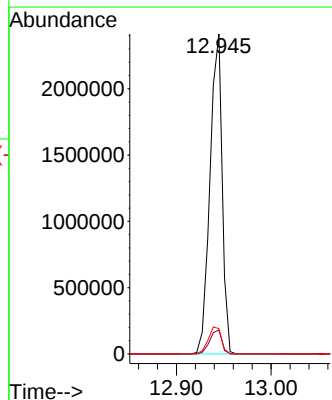
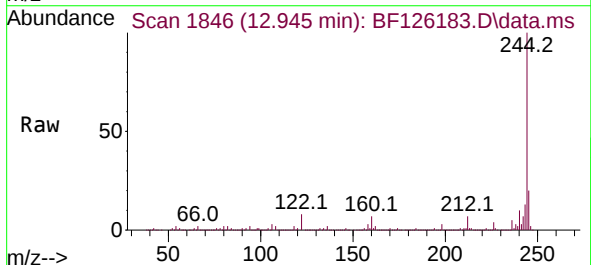
Instrument :
BNA_F
ClientSampleId :
MBR2

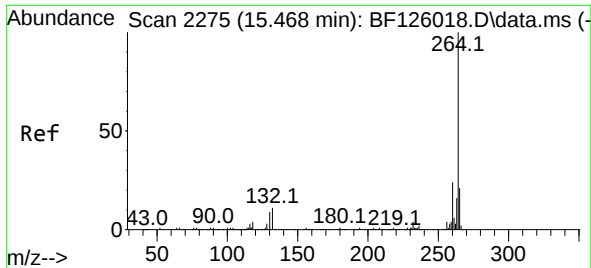
Tgt Ion:240 Resp: 506039
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 68.545 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:244 Resp: 2151043
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 7.9 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126183.D
 Acq: 13 Nov 2021 23:07

Instrument :
 BNA_F
 ClientSampleId :
 MBR2

Tgt Ion:264 Resp: 628363
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.2 17.2 25.8

