

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126146.D
 Acq On : 12 Nov 2021 2:15
 Operator : JU/CG
 Sample : M4612-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GSMP-EB-ONLY

Quant Time: Nov 12 09:46:28 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)

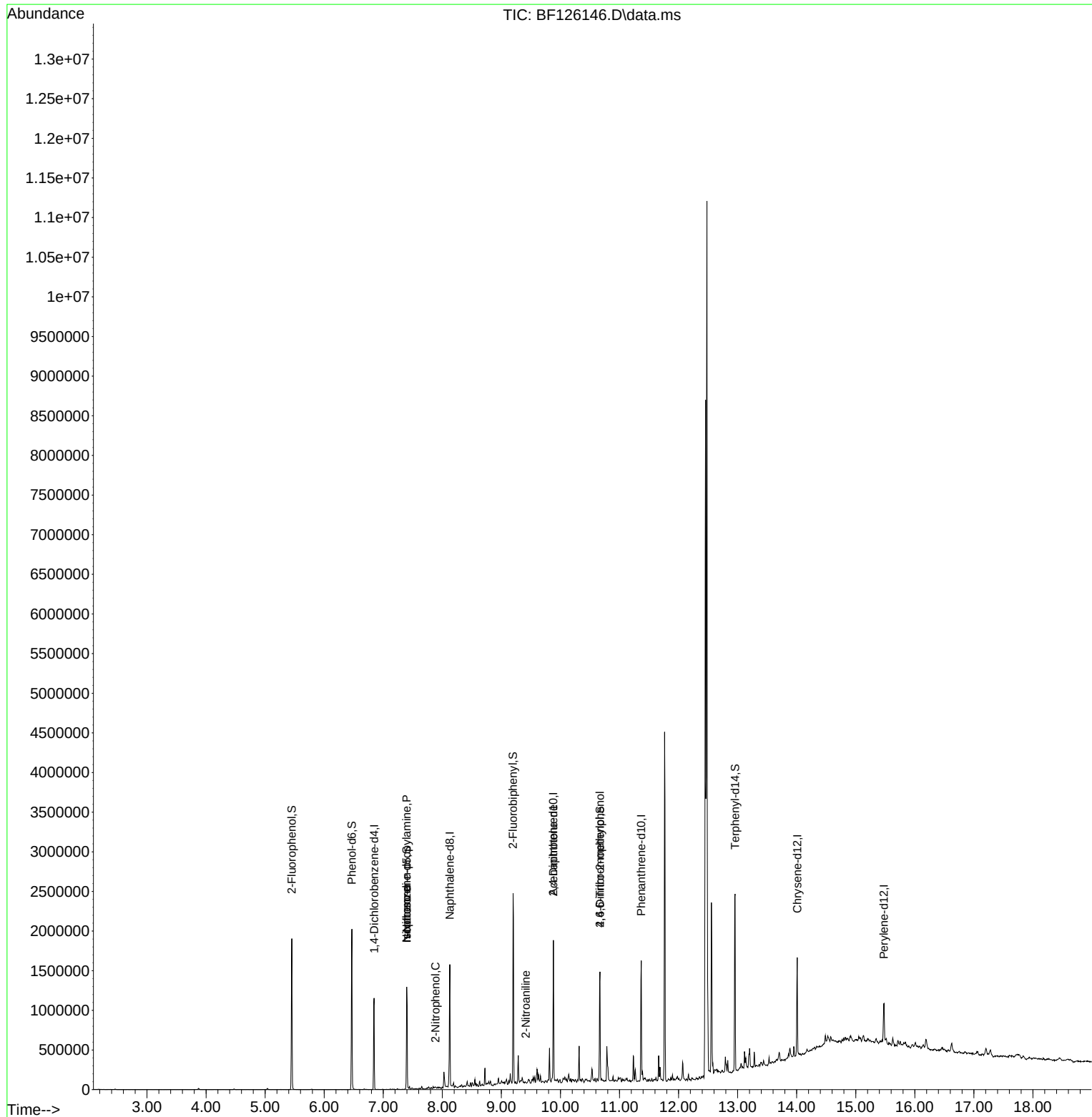
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	155136	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	567623	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	307485	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	539636	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	389974	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	240435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	396316	43.870	ng	-0.01
7) Phenol-d6	6.469	99	521134	40.922	ng	-0.02
23) Nitrobenzene-d5	7.398	82	367823	30.560	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	150854	42.810	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	702612	30.879	ng	-0.02
79) Terphenyl-d14	12.957	244	749829	31.006	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	1236	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	53127	6.328	ng	# 61
25) Isophorone	7.398	82	364708	16.830	ng	# 59
26) 2-Nitrophenol	7.886	139	114	4.653	ng	# 1
48) 2-Nitroaniline	9.416	65	411	2.912	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	40909	10.078	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	600	8.508	ng	# 1

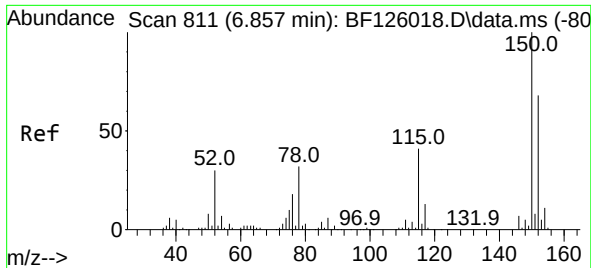
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126146.D
Acq On : 12 Nov 2021 2:15
Operator : JU/CG
Sample : M4612-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

Quant Time: Nov 12 09:46:28 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

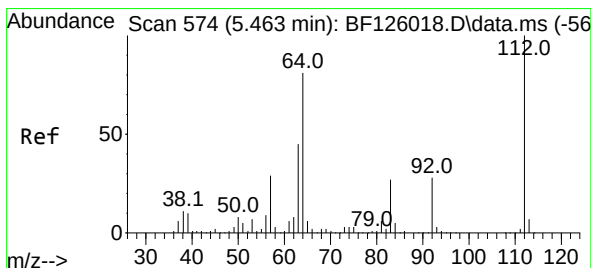
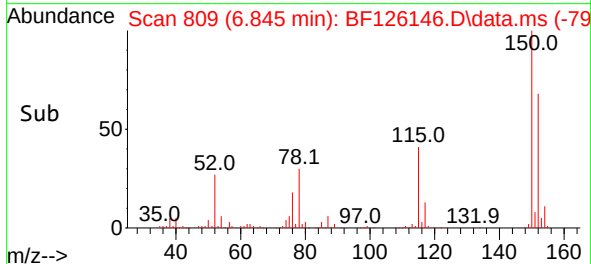
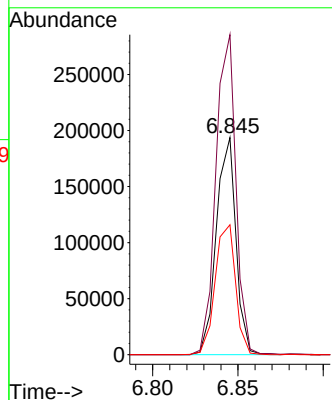
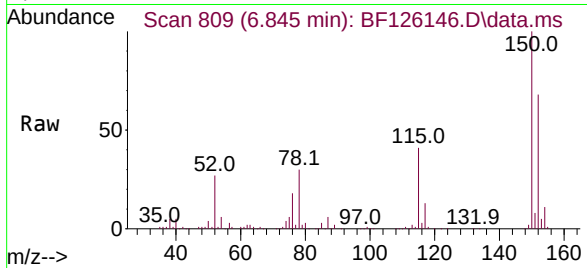




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

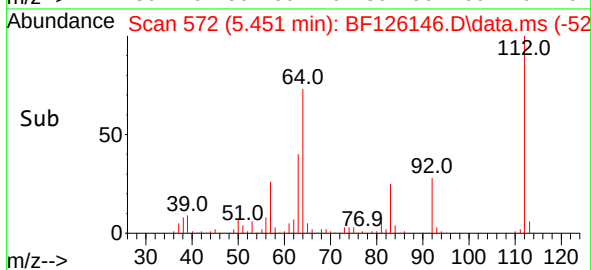
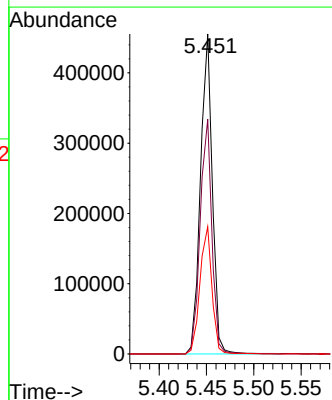
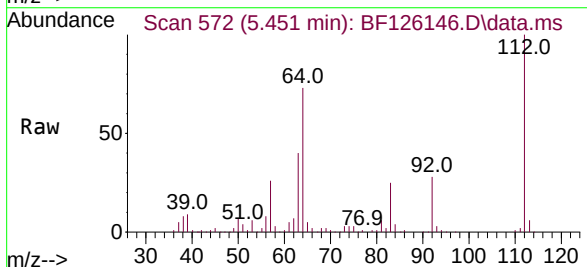
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

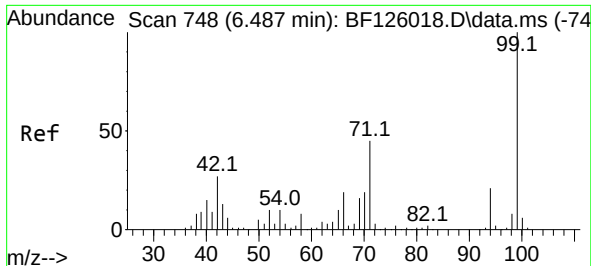
Tgt Ion:152 Resp: 155136
Ion Ratio Lower Upper
152 100
150 147.4 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.870 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

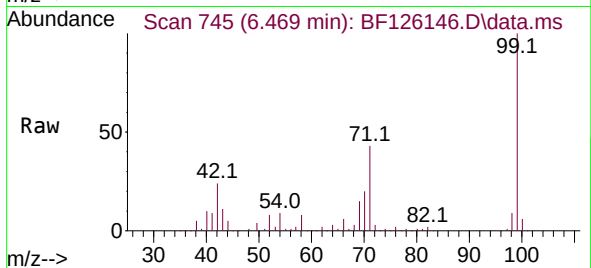
Tgt Ion:112 Resp: 396316
Ion Ratio Lower Upper
112 100
64 73.3 44.2 66.2#
63 39.8 26.2 39.2#



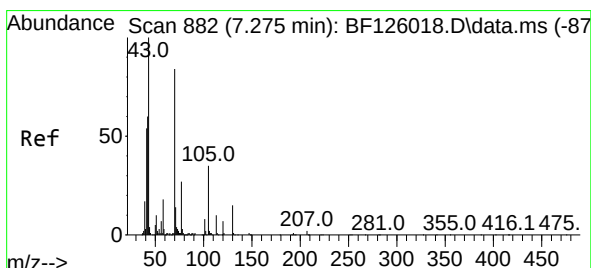
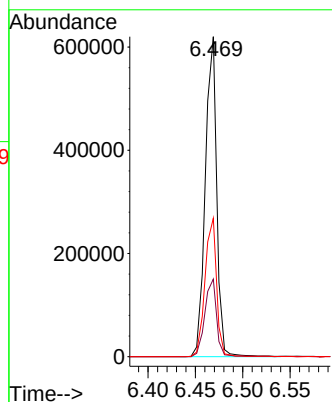
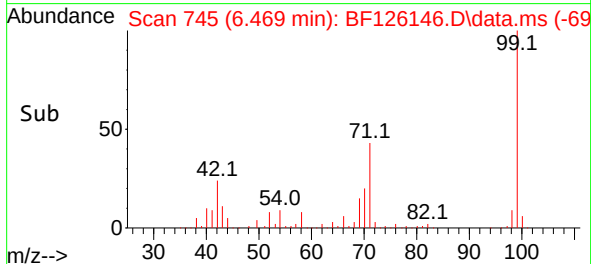


#7
Phenol-d6
Concen: 40.922 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

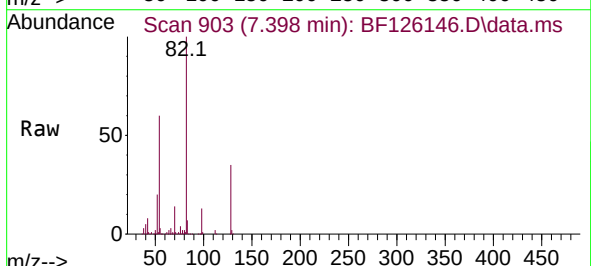
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY



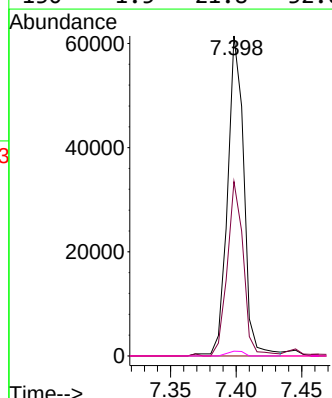
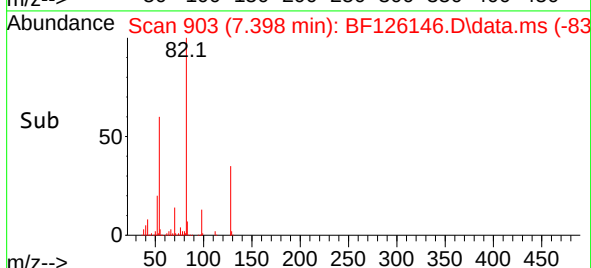
Tgt Ion: 99 Resp: 521134
Ion Ratio Lower Upper
99 100
42 24.2 23.5 35.3
71 43.3 25.6 38.4#

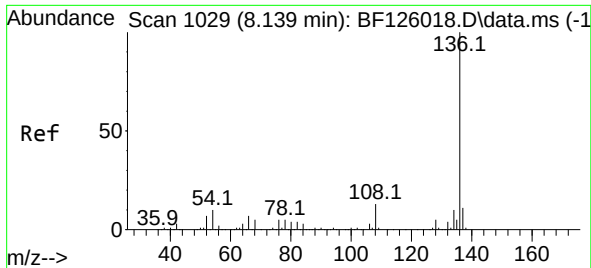


#19
n-Nitroso-di-n-propylamine
Concen: 6.328 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.123 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15



Tgt Ion: 70 Resp: 53127
Ion Ratio Lower Upper
70 100
42 54.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

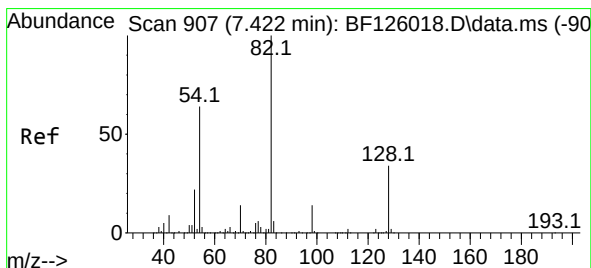
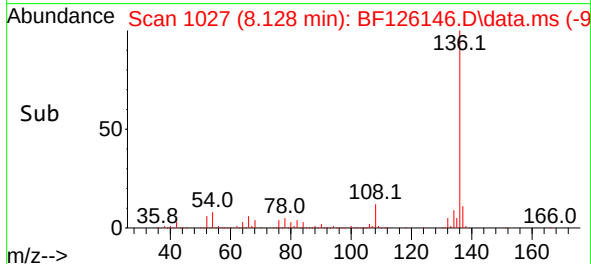
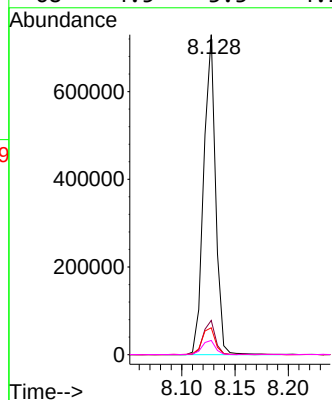
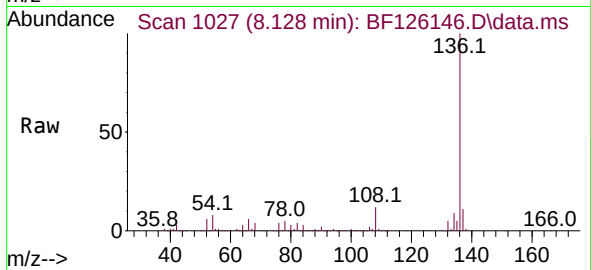




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

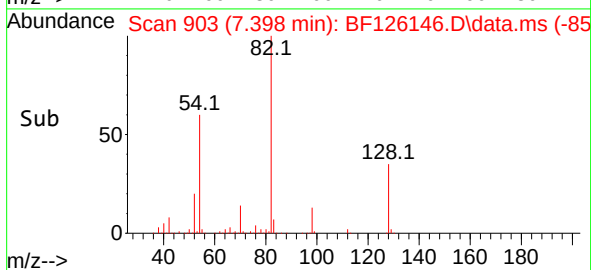
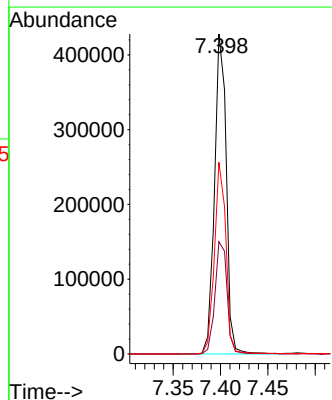
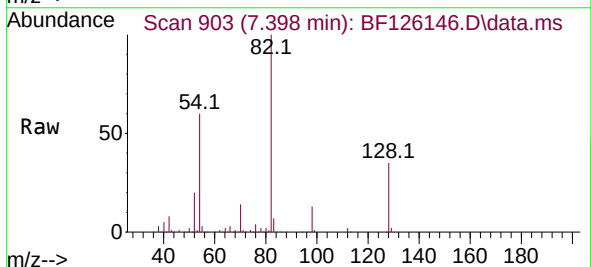
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

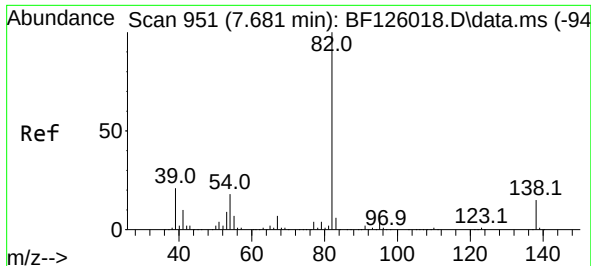
Tgt Ion:136 Resp: 567623
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.4 6.4 9.6
68 4.5 3.3 4.9



#23
Nitrobenzene-d5
Concen: 30.560 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.024 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion: 82 Resp: 367823
Ion Ratio Lower Upper
82 100
128 35.1 40.6 60.8#
54 59.9 49.6 74.4

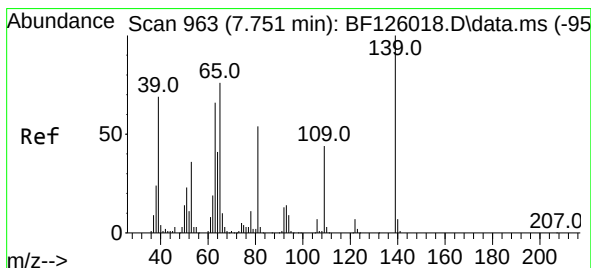
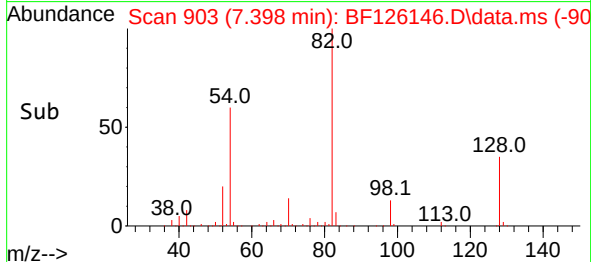
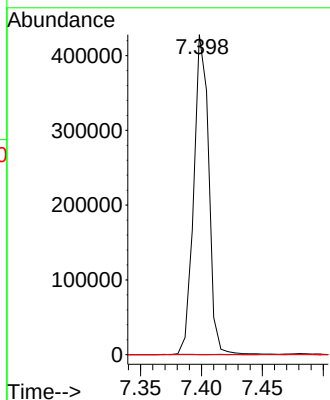
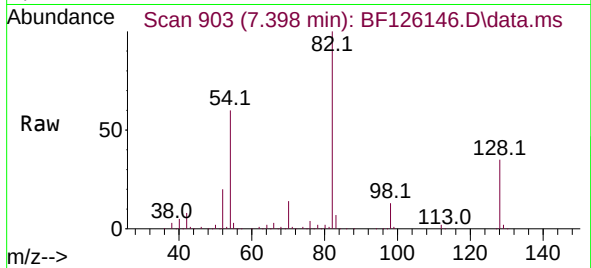




#25
Isophorone
Concen: 16.830 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.283 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

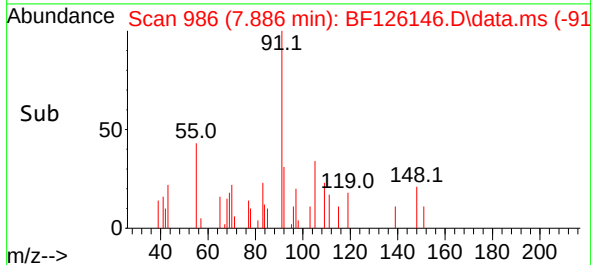
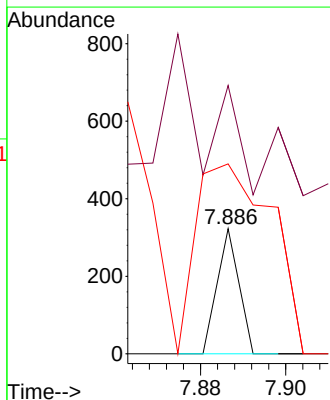
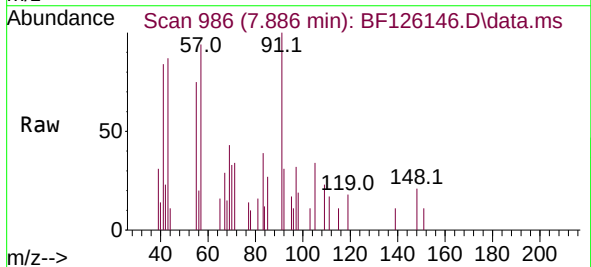
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

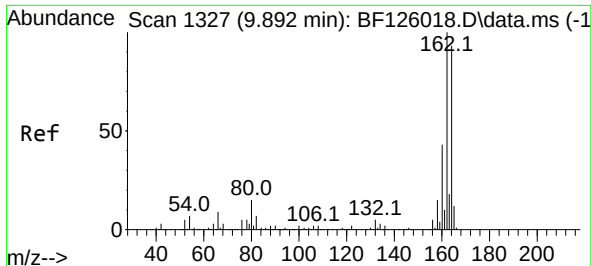
Tgt Ion: 82 Resp: 364708
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 4.653 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.135 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion:139 Resp: 114
Ion Ratio Lower Upper
139 100
109 214.2 26.0 39.0#
65 151.7 31.0 46.4#

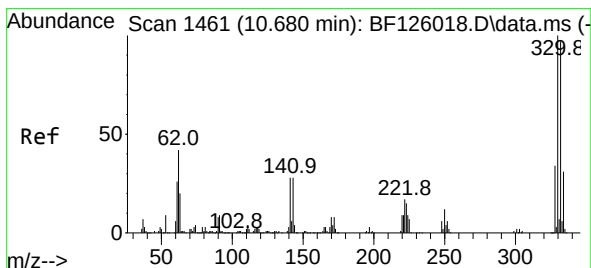
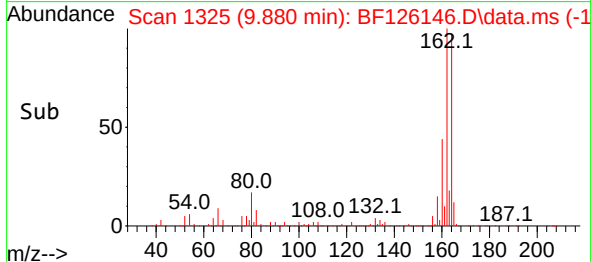
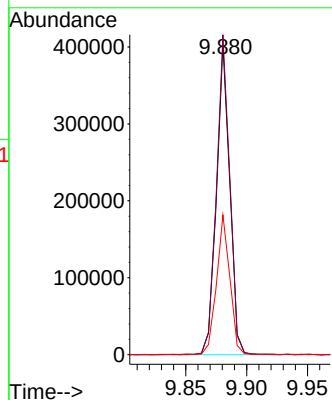
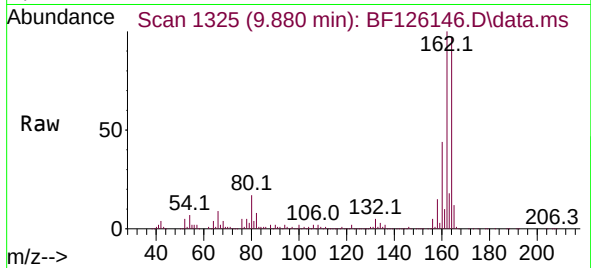




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

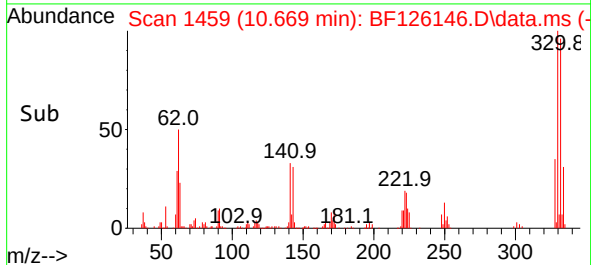
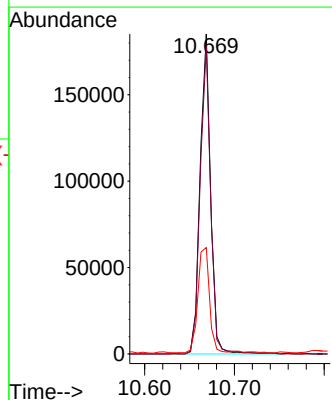
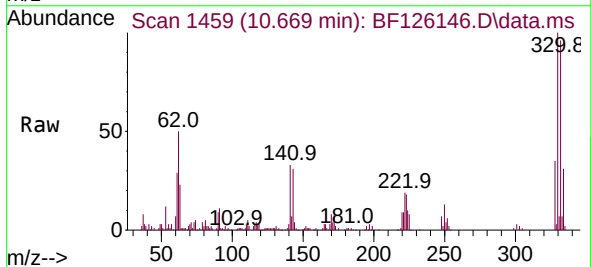
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

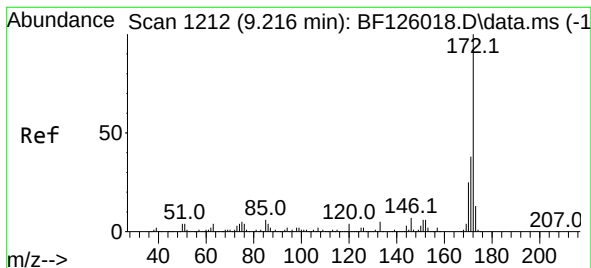
Tgt Ion:164 Resp: 307485
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 42.810 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion:330 Resp: 150854
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 36.2 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 30.879 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF126146.D

Acq: 12 Nov 2021 2:15

Instrument :

BNA_F

ClientSampleId :

GSMP-EB-ONLY

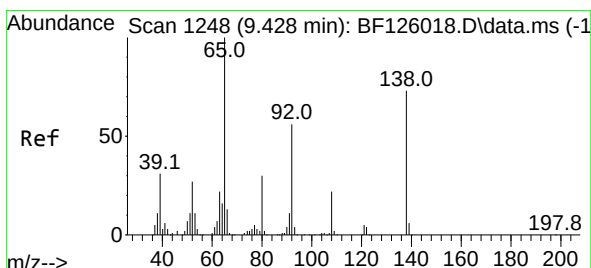
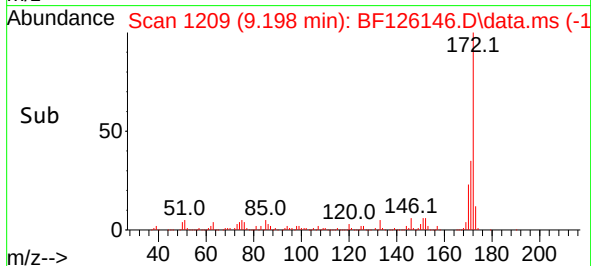
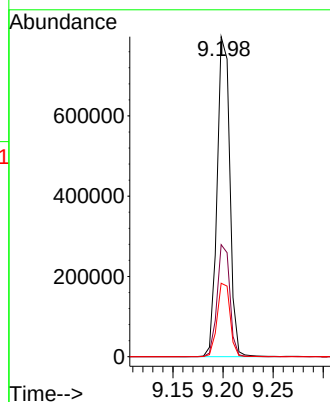
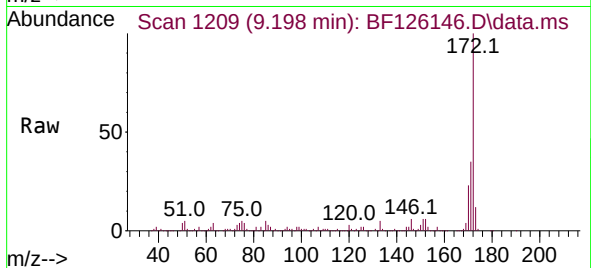
Tgt Ion:172 Resp: 702612

Ion Ratio Lower Upper

172 100

171 35.0 26.5 39.7

170 22.9 18.8 28.2



#48

2-Nitroaniline

Concen: 2.912 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BF126146.D

Acq: 12 Nov 2021 2:15

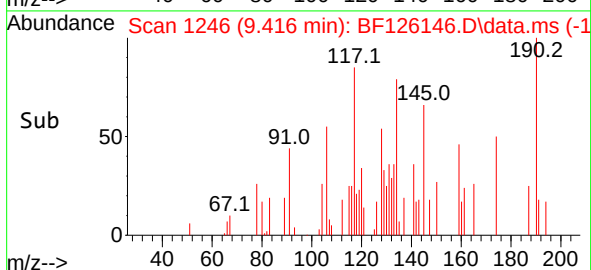
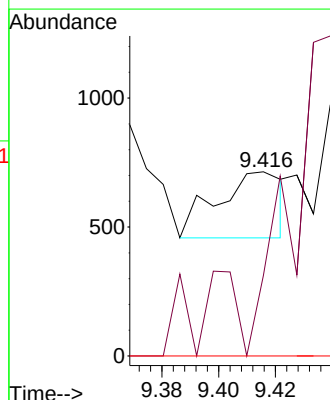
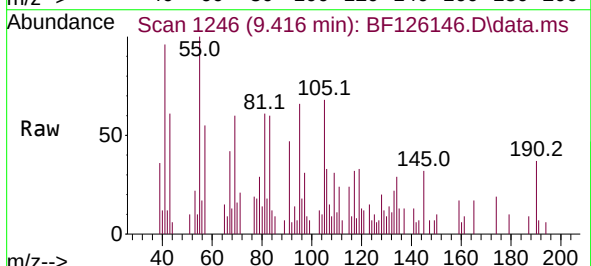
Tgt Ion: 65 Resp: 411

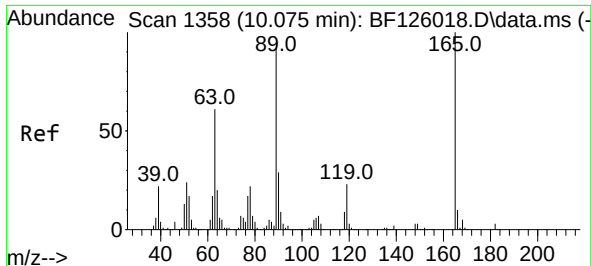
Ion Ratio Lower Upper

65 100

92 43.7 55.5 83.3#

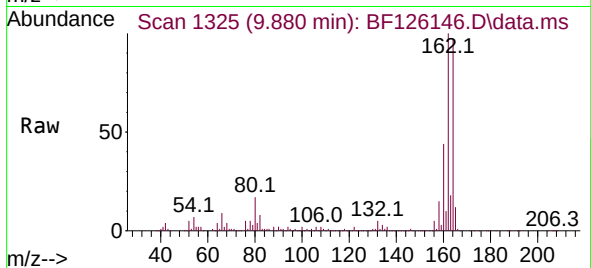
138 0.0 93.5 140.3#



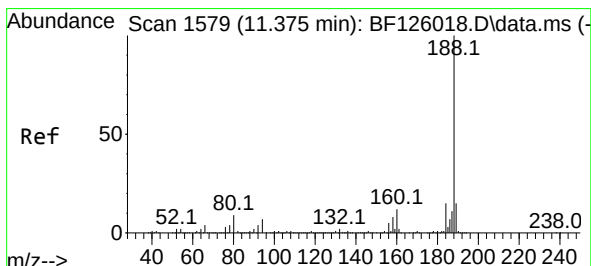
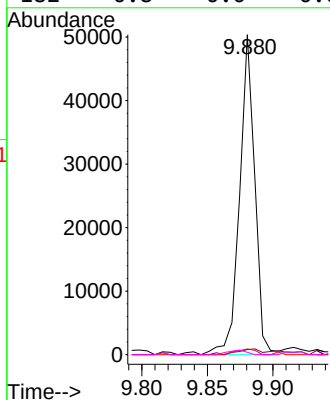
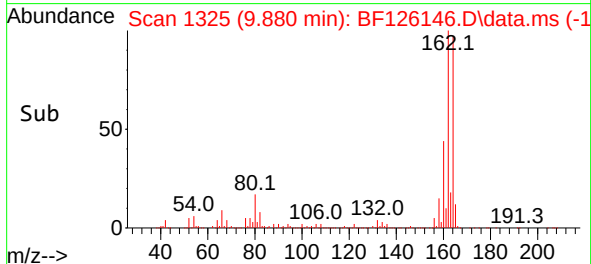


#57
2,4-Dinitrotoluene
Concen: 10.078 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

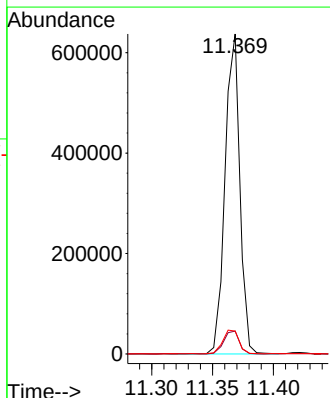
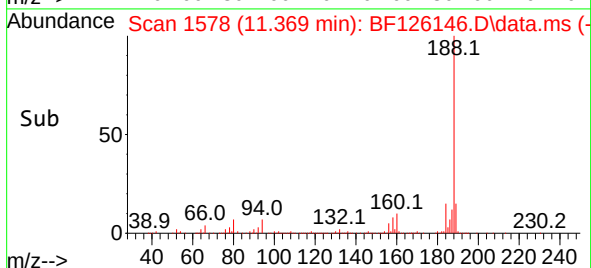
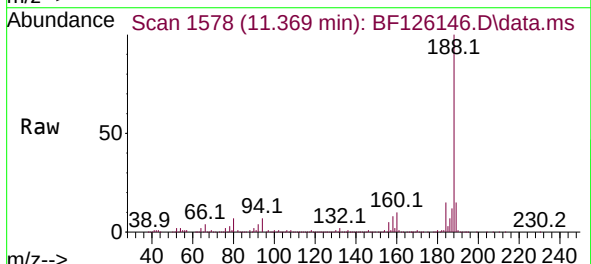


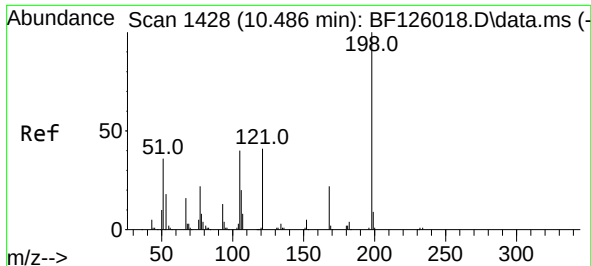
Tgt Ion:165 Resp: 40909
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 1.8 59.7 89.5#
182 0.8 0.0 0.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion:188 Resp: 539636
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.2 7.5 11.3#

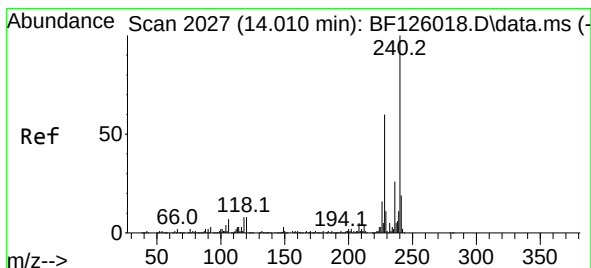
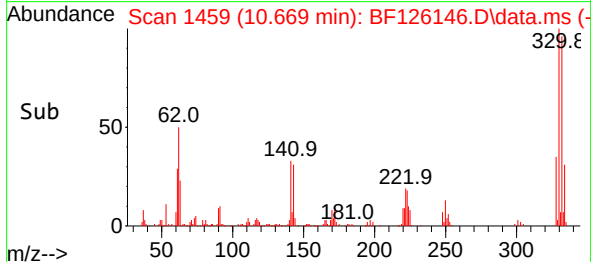
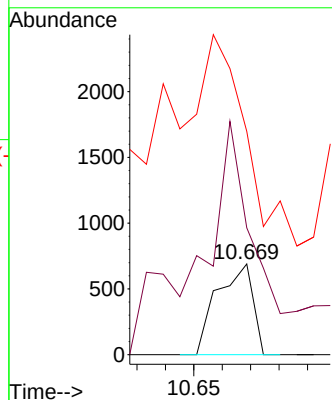
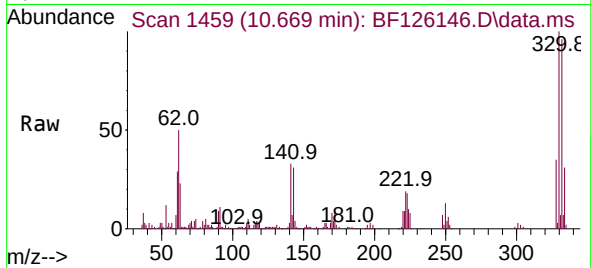




#65
4,6-Dinitro-2-methylphenol
Concen: 8.508 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.183 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

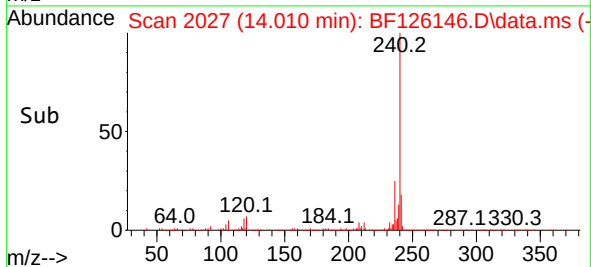
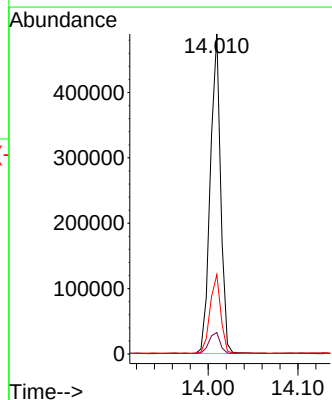
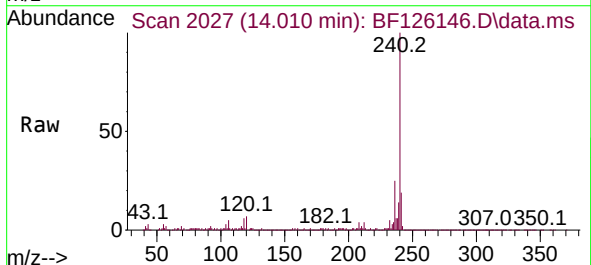
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

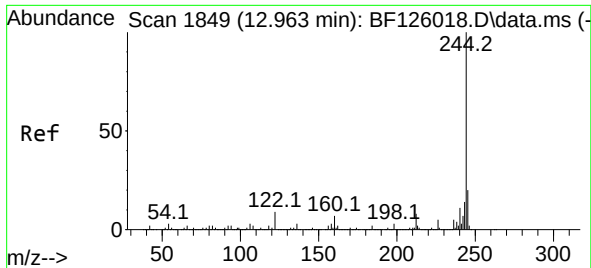
Tgt Ion:198 Resp: 600
Ion Ratio Lower Upper
198 100
51 139.9 45.3 85.3#
105 246.1 30.6 70.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion:240 Resp: 389974
Ion Ratio Lower Upper
240 100
120 6.7 10.8 16.2#
236 24.8 21.6 32.4

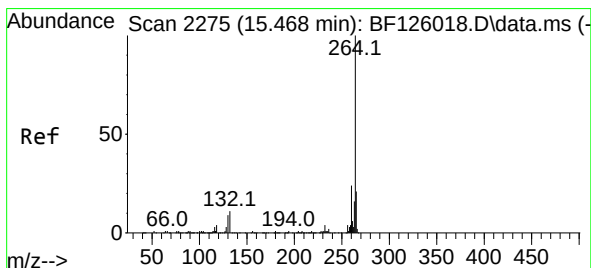
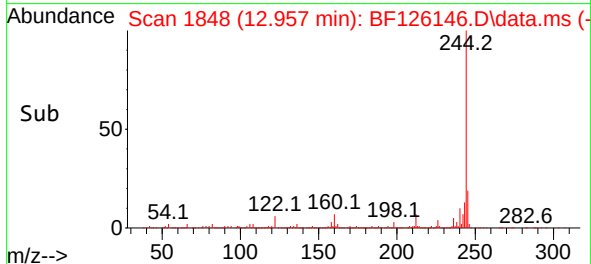
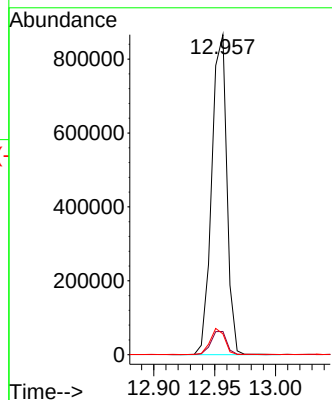
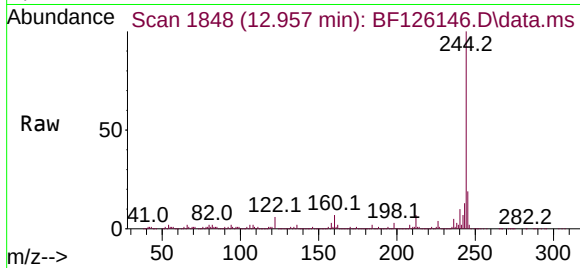




#79
 Terphenyl-d14
 Concen: 31.006 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126146.D
 Acq: 12 Nov 2021 2:15

Instrument :
 BNA_F
 ClientSampleId :
 GSMP-EB-ONLY

Tgt Ion:244 Resp: 749829
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.5 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: BF126146.D
 Acq: 12 Nov 2021 2:15

Tgt Ion:264 Resp: 240435
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.6 17.2 25.8

