

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126051.D
 Acq On : 4 Nov 2021 18:04
 Operator : JU/CG
 Sample : M4498-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-LS

Quant Time: Nov 08 09:49:55 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)

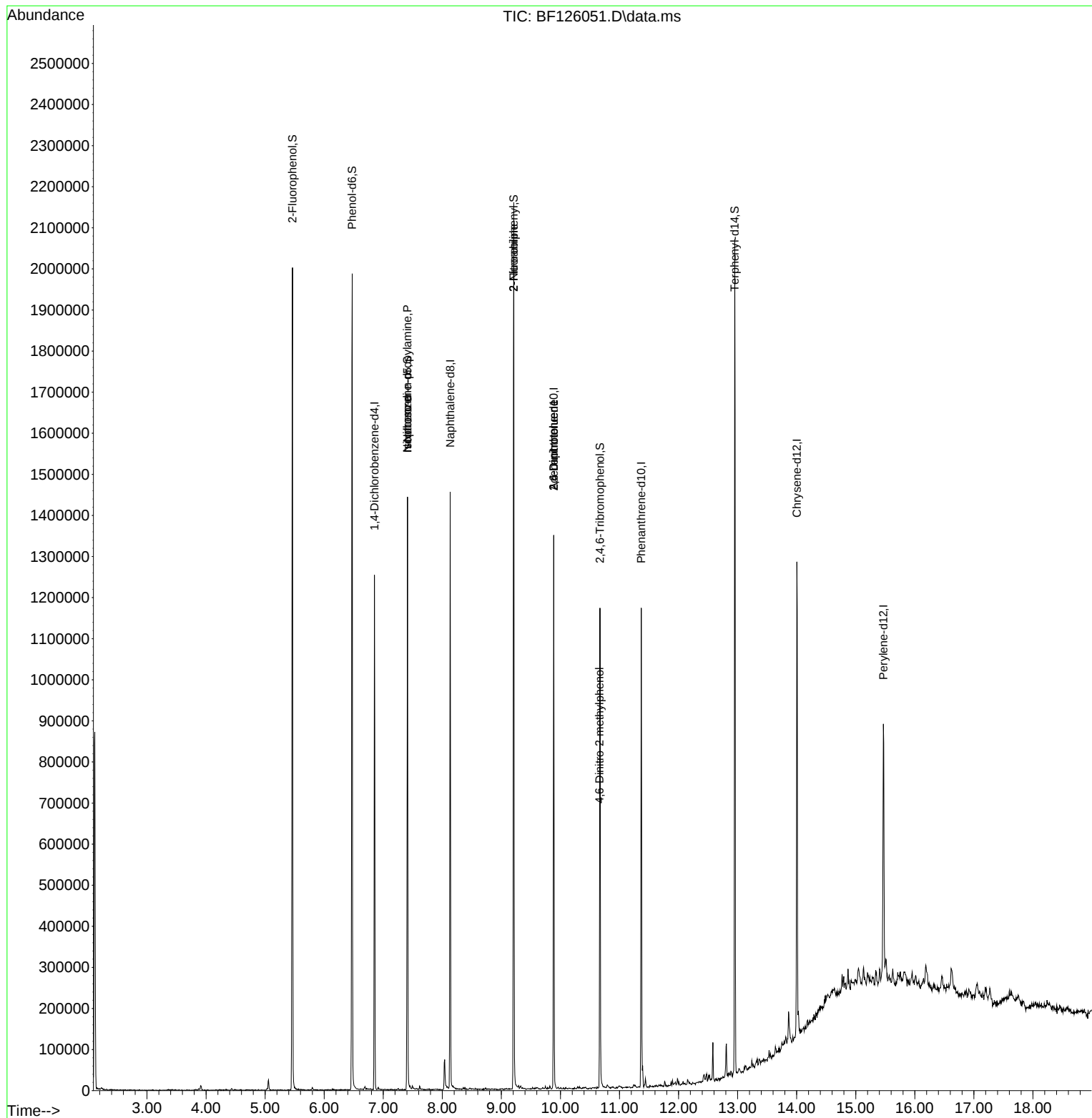
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	154662	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	498102	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	234043	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	387334	20.000	ng	0.00
76) Chrysene-d12	14.004	240	392151	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	302932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	423542	47.028	ng	0.00
7) Phenol-d6	6.475	99	522557	41.160	ng	-0.01
23) Nitrobenzene-d5	7.410	82	373151	35.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	112376	41.898	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	600364	34.665	ng	0.00
79) Terphenyl-d14	12.951	244	610633	25.110	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1076	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	52029	6.216	ng	# 61
25) Isophorone	7.410	82	371239	19.522	ng	# 59
48) 2-Nitroaniline	9.210	65	1060	3.063	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	29347	10.048	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	29347	9.680	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	303	8.451	ng	# 1

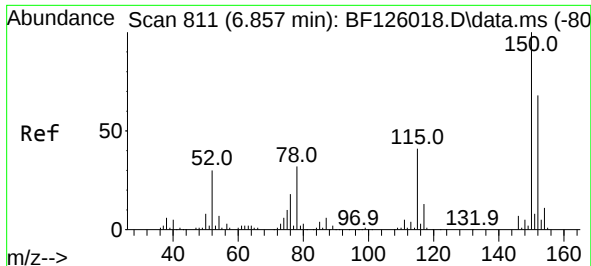
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126051.D
Acq On : 4 Nov 2021 18:04
Operator : JU/CG
Sample : M4498-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2-LS

Quant Time: Nov 08 09:49:55 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

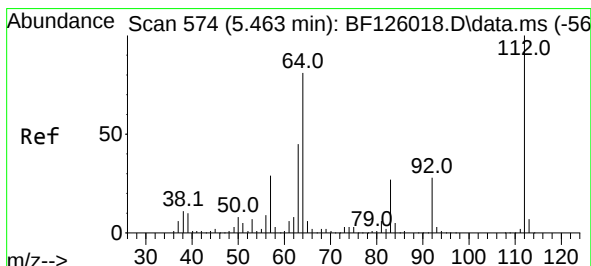
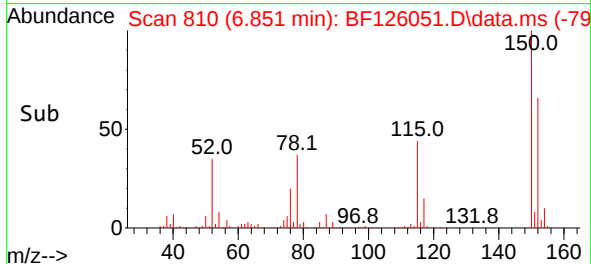
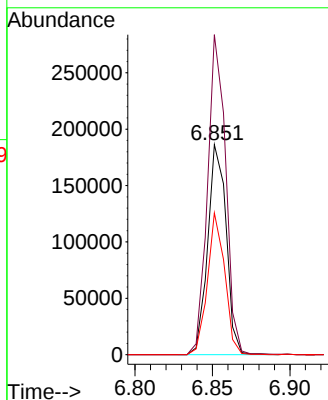
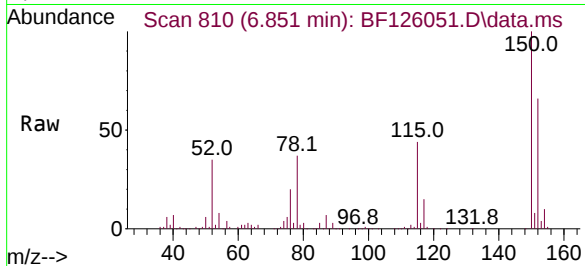




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

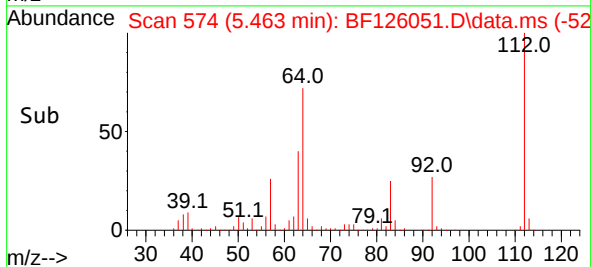
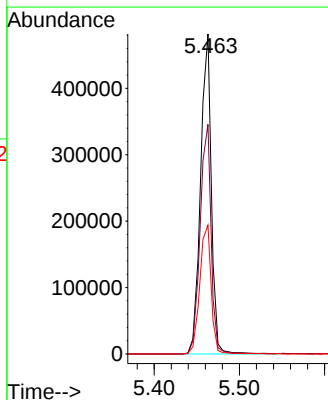
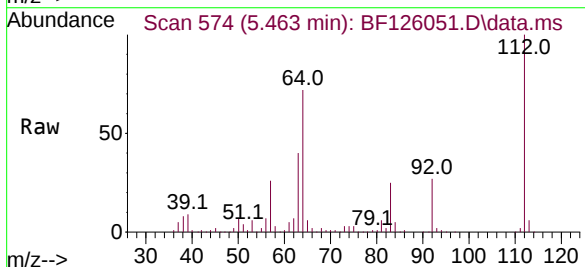
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

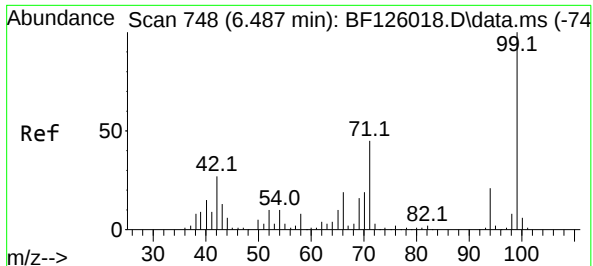
Tgt Ion:152 Resp: 154662
Ion Ratio Lower Upper
152 100
150 152.4 117.6 176.4
115 67.5 47.1 70.7



#5
2-Fluorophenol
Concen: 47.028 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Tgt Ion:112 Resp: 423542
Ion Ratio Lower Upper
112 100
64 71.8 44.2 66.2#
63 40.3 26.2 39.2#

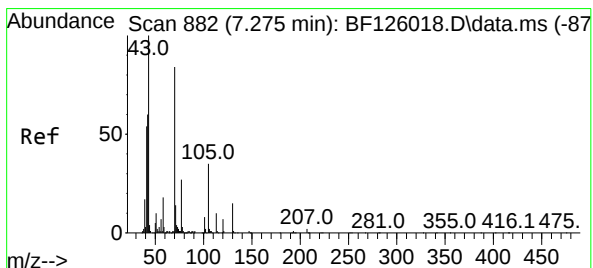
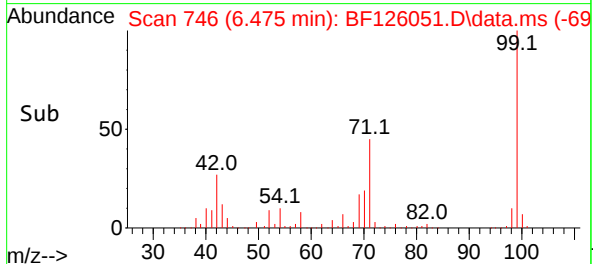
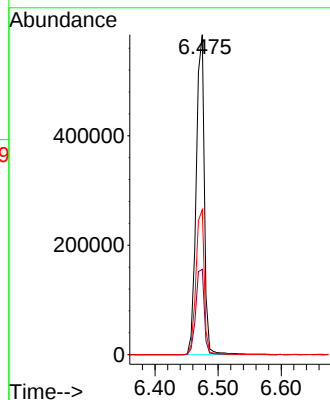
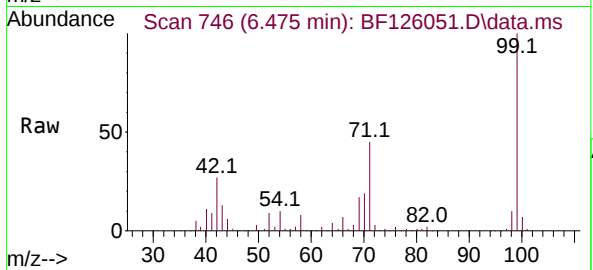




#7
Phenol-d6
Concen: 41.160 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

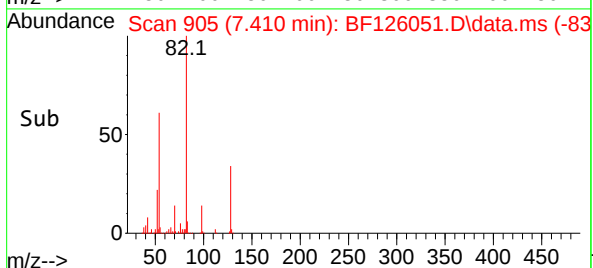
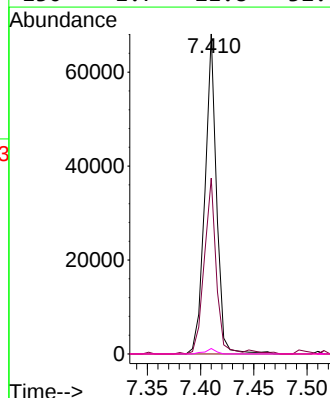
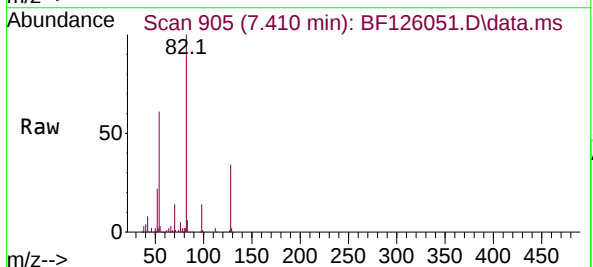
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

Tgt Ion: 99 Resp: 522557
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 45.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 6.216 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Tgt Ion: 70 Resp: 52029
Ion Ratio Lower Upper
70 100
42 54.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

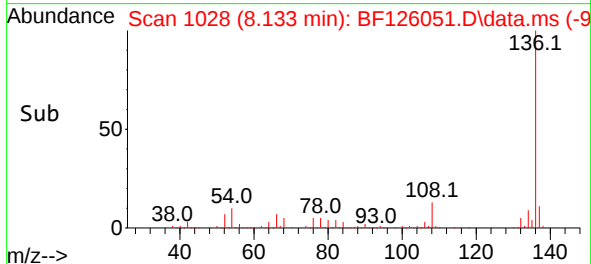
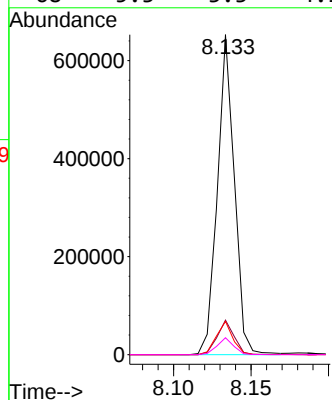
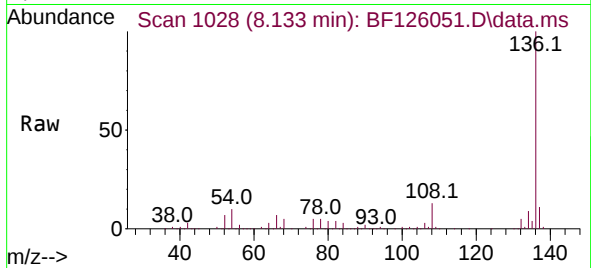




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

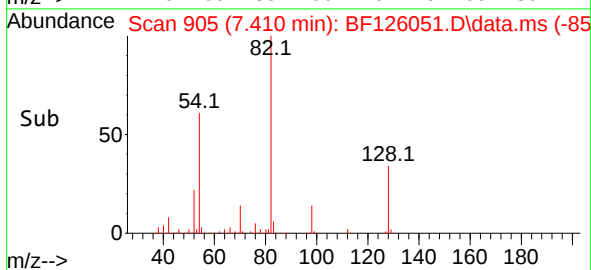
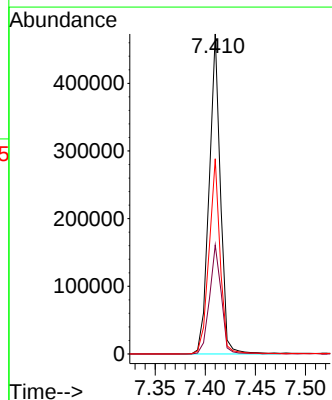
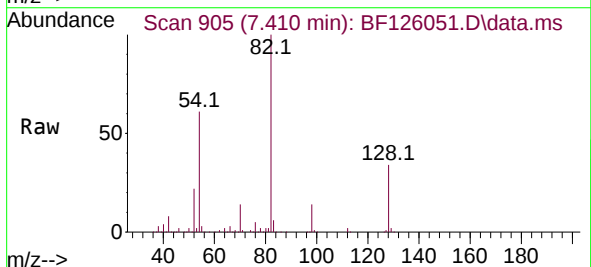
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

Tgt Ion:136 Resp: 498102
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.4 6.4 9.6#
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 35.330 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Tgt Ion: 82 Resp: 373151
Ion Ratio Lower Upper
82 100
128 34.1 40.6 60.8#
54 61.0 49.6 74.4

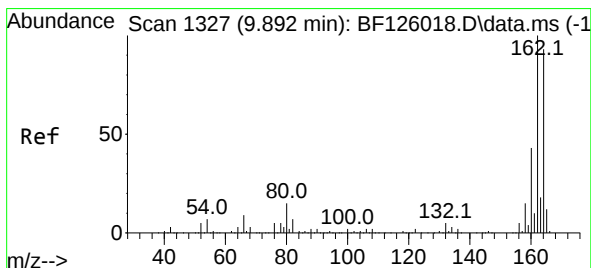
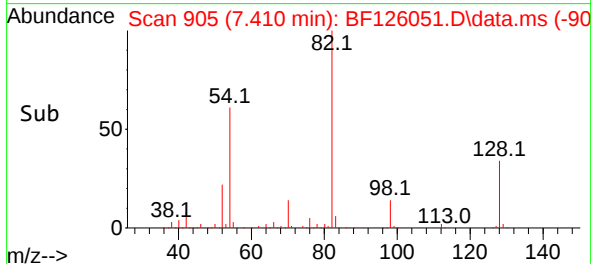
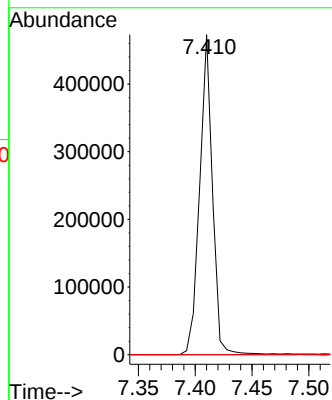
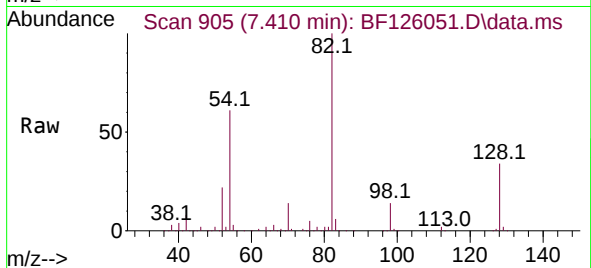




#25
Isophorone
Concen: 19.522 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

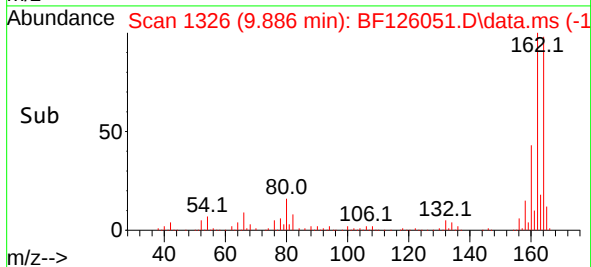
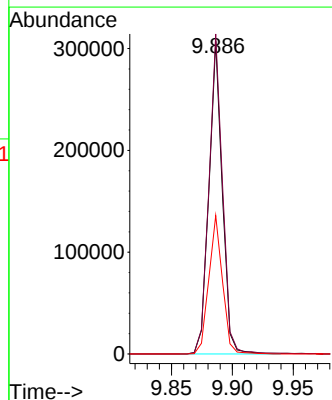
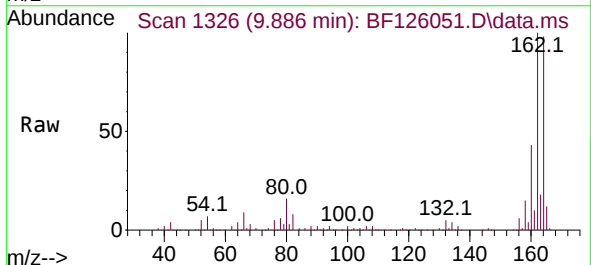
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

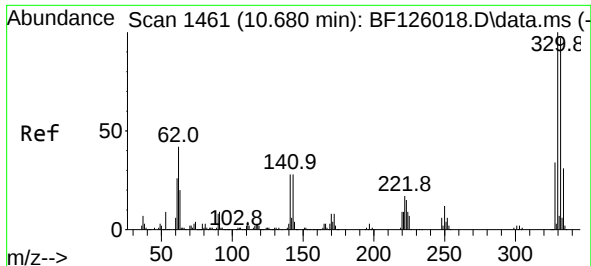
Tgt Ion: 82 Resp: 371239
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Tgt Ion:164 Resp: 234043
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 44.3 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 41.898 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BF126051.D

Acq: 4 Nov 2021 18:04

Instrument :

BNA_F

ClientSampleId :

WC-2-LS

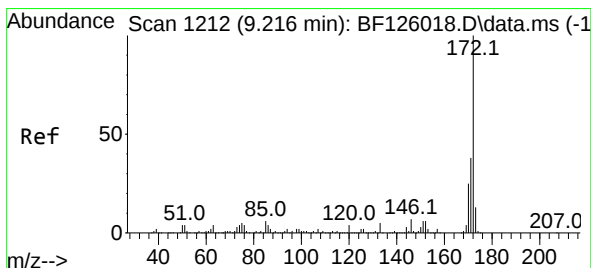
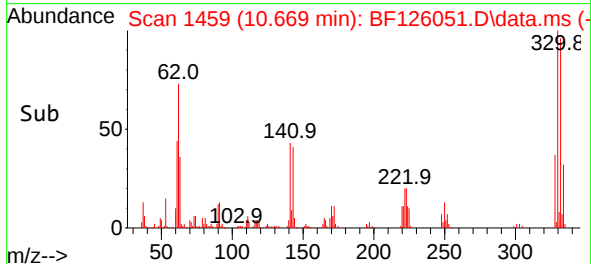
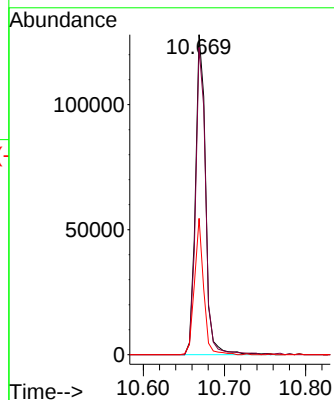
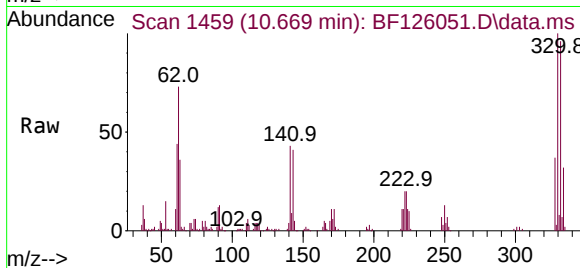
Tgt Ion:330 Resp: 112376

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 38.4 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 34.665 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126051.D

Acq: 4 Nov 2021 18:04

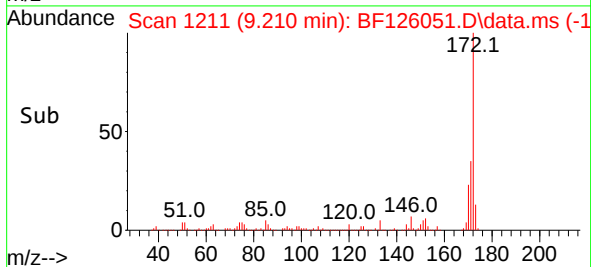
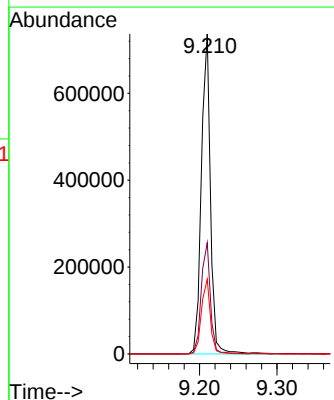
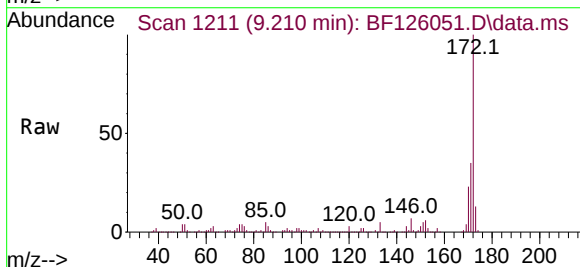
Tgt Ion:172 Resp: 600364

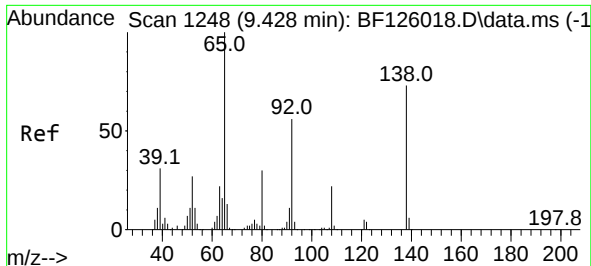
Ion Ratio Lower Upper

172 100

171 34.7 26.5 39.7

170 23.4 18.8 28.2





#48

2-Nitroaniline

Concen: 3.063 ng

RT: 9.210 min Scan# 1

Delta R.T. -0.218 min

Lab File: BF126051.D

Acq: 4 Nov 2021 18:04

Instrument :

BNA_F

ClientSampleId :

WC-2-LS

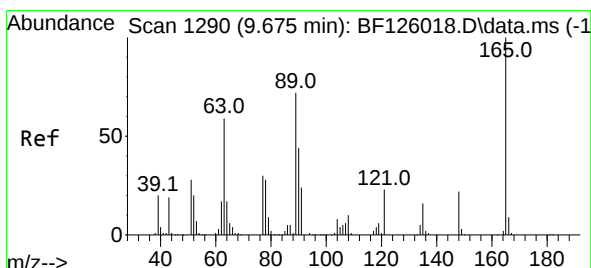
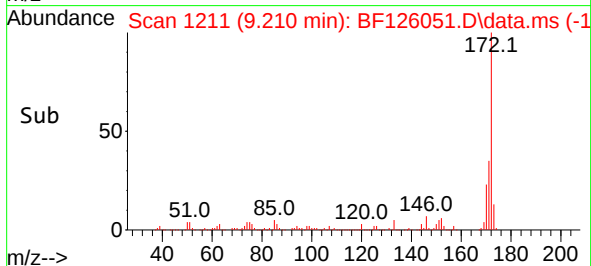
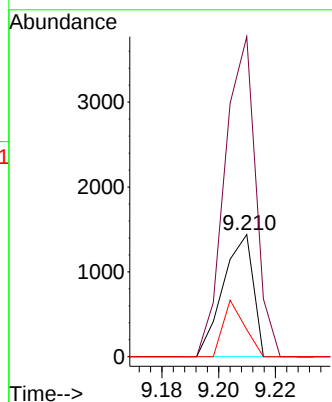
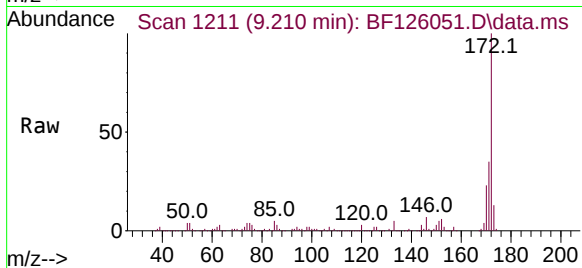
Tgt Ion: 65 Resp: 1060

Ion Ratio Lower Upper

65 100

92 262.1 55.5 83.3#

138 22.1 93.5 140.3#



#51

2,6-Dinitrotoluene

Concen: 10.048 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.211 min

Lab File: BF126051.D

Acq: 4 Nov 2021 18:04

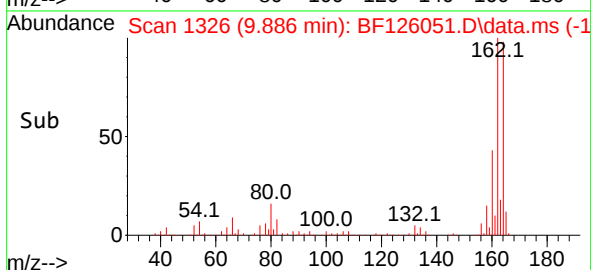
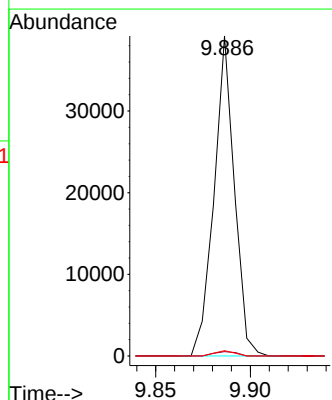
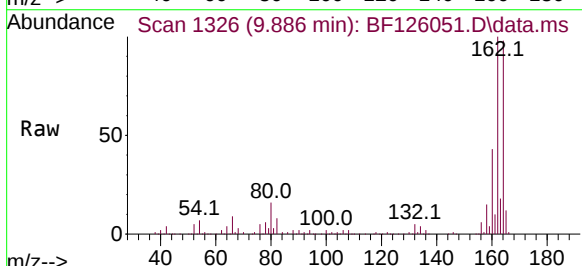
Tgt Ion:165 Resp: 29347

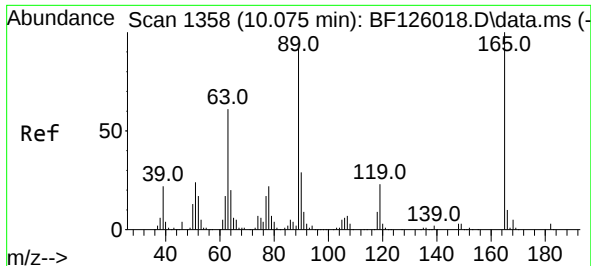
Ion Ratio Lower Upper

165 100

63 1.4 42.6 63.8#

89 1.6 40.6 60.8#

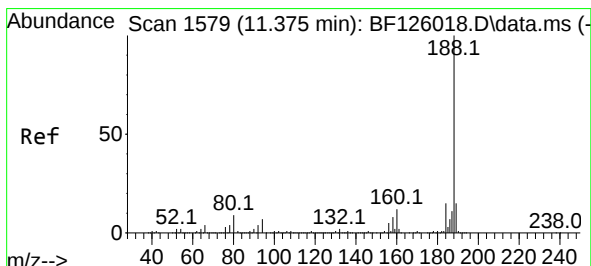
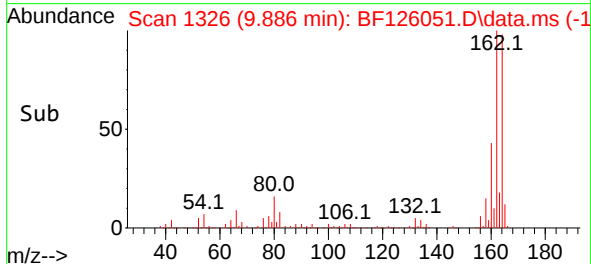
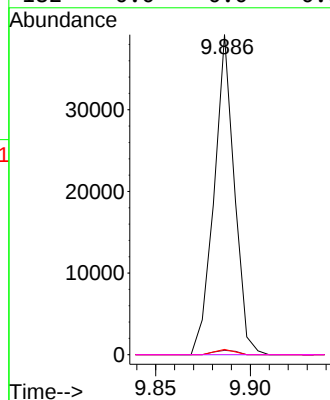
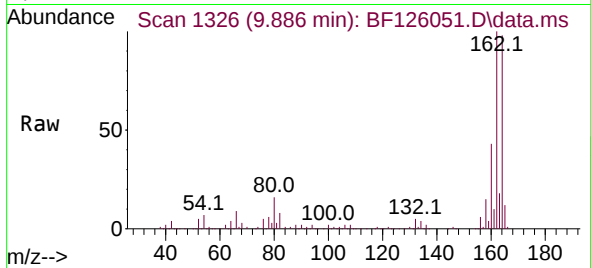




#57
2,4-Dinitrotoluene
Concen: 9.680 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

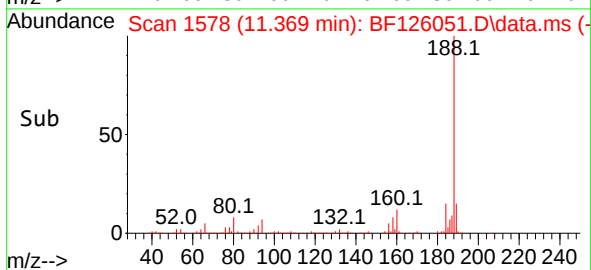
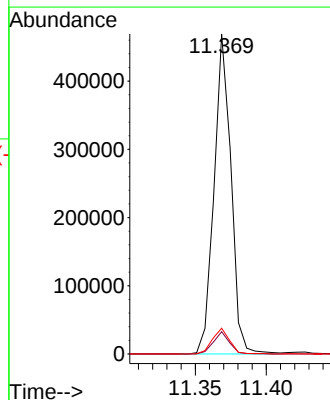
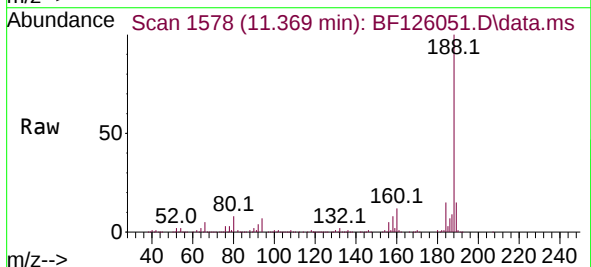
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

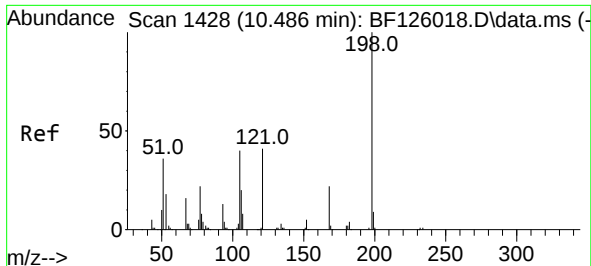
Tgt Ion:165 Resp: 29347
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Tgt Ion:188 Resp: 387334
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.1 7.5 11.3

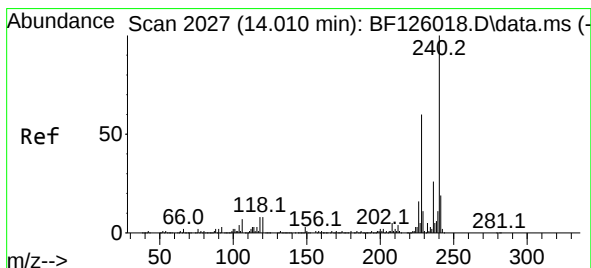
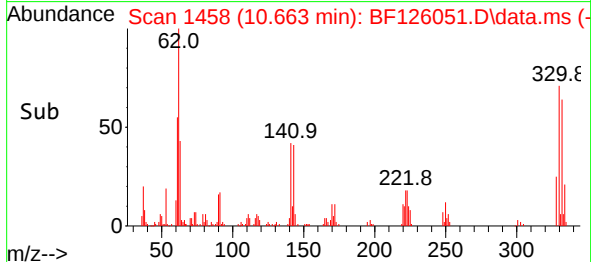
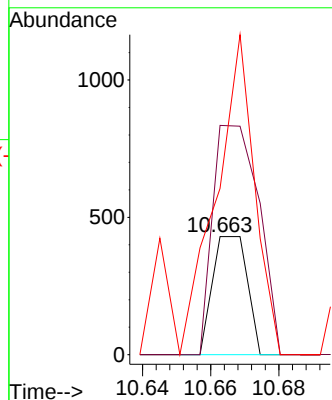
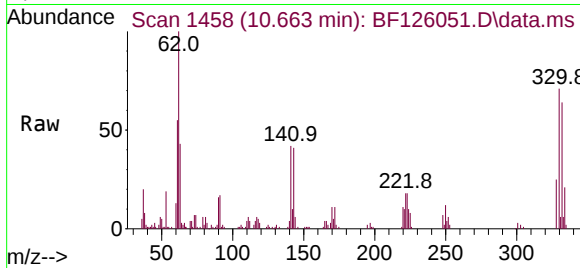




#65
4,6-Dinitro-2-methylphenol
Concen: 8.451 ng
RT: 10.663 min Scan# 1428
Delta R.T. 0.177 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

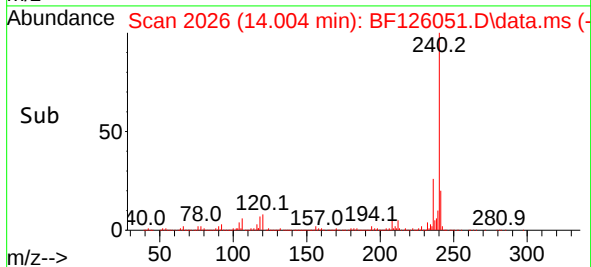
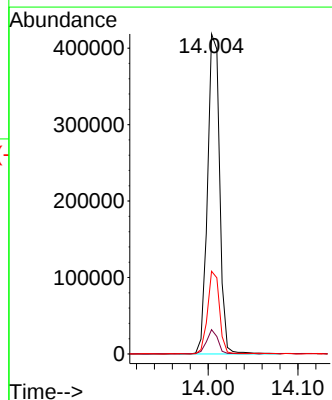
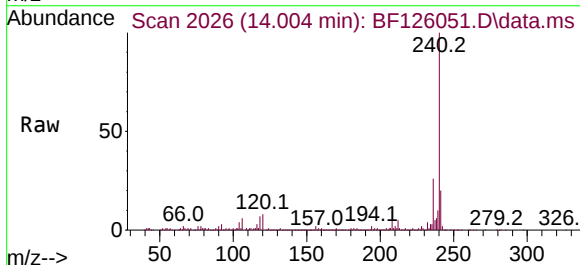
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

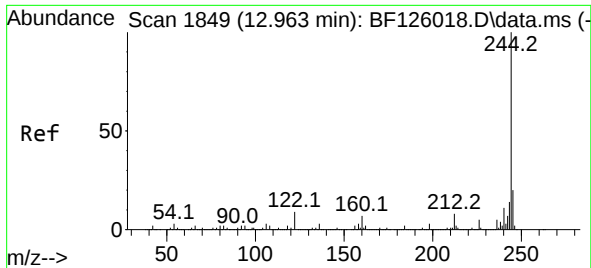
Tgt Ion:198 Resp: 303
Ion Ratio Lower Upper
198 100
51 194.2 45.3 85.3#
105 140.7 30.6 70.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Tgt Ion:240 Resp: 392151
Ion Ratio Lower Upper
240 100
120 7.6 10.8 16.2#
236 25.8 21.6 32.4

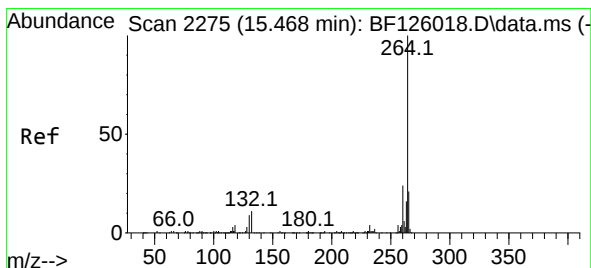
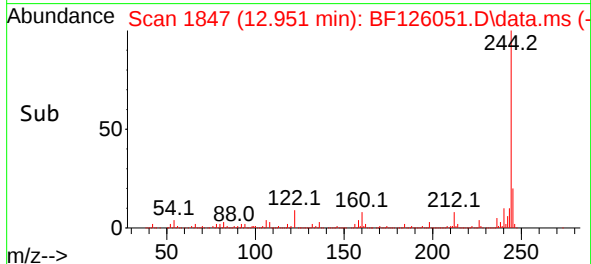
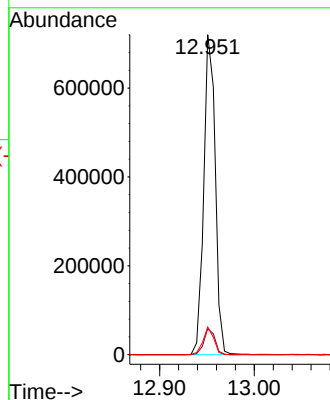
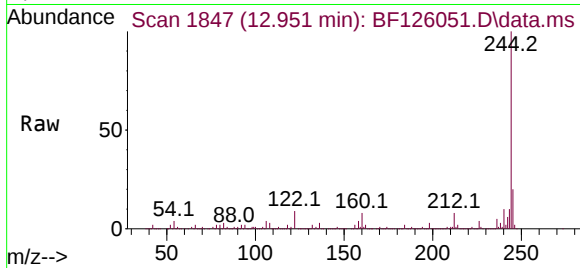




#79
Terphenyl-d14
Concen: 25.110 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Instrument :
BNA_F
ClientSampleId :
WC-2-LS

Tgt Ion:244 Resp: 610633
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 8.6 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126051.D
Acq: 4 Nov 2021 18:04

Tgt Ion:264 Resp: 302932
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.3 17.2 25.8

