

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126140.D
 Acq On : 11 Nov 2021 23:03
 Operator : JU/CG
 Sample : M4639-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-10/0-1

Quant Time: Nov 12 09:44:35 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)

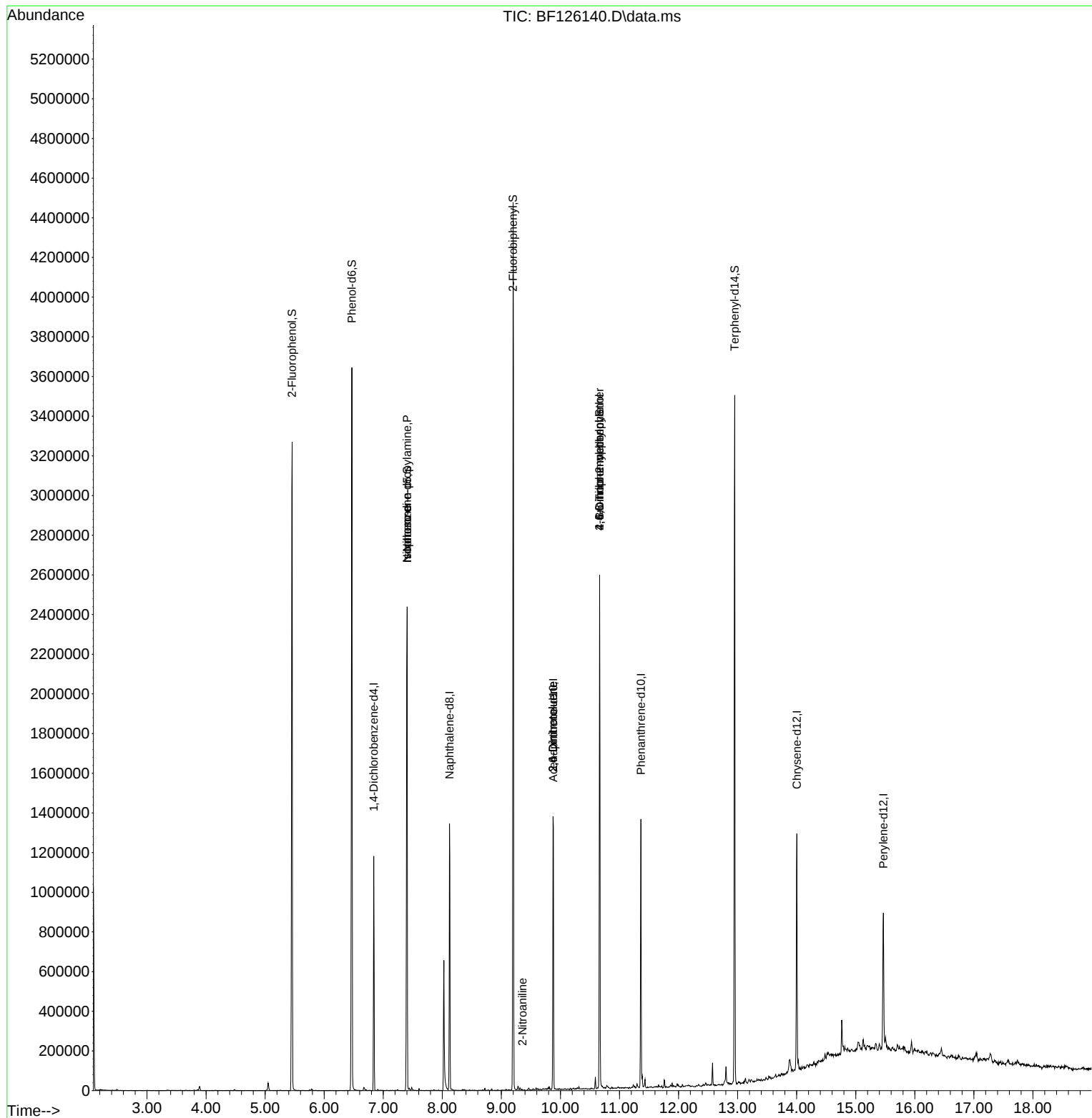
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	141857	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	519463	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	284008	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	433976	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	395473	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	315727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	763840	92.468	ng	0.00
7) Phenol-d6	6.469	99	1004863	86.294	ng	-0.02
23) Nitrobenzene-d5	7.404	82	729949	66.270	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	265199	81.481	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1297799	61.752	ng	-0.02
79) Terphenyl-d14	12.951	244	1114374	45.439	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.469	77	2158	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	102431	13.343	ng	# 59
25) Isophorone	7.404	82	729932	36.807	ng	# 59
48) 2-Nitroaniline	9.357	65	143	2.873	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	37227	10.504	ng	# 28
57) 2,4-Dinitrotoluene	9.874	165	37227	9.976	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	796	8.632	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	17828	3.392	ng	# 1

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

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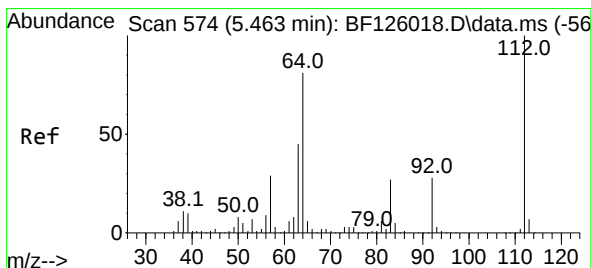
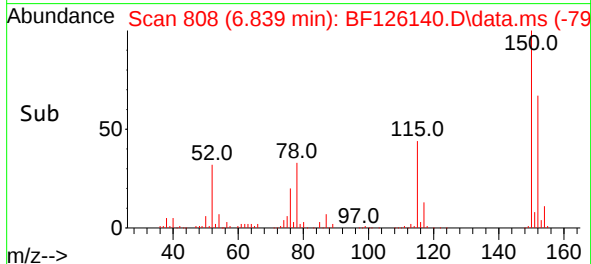
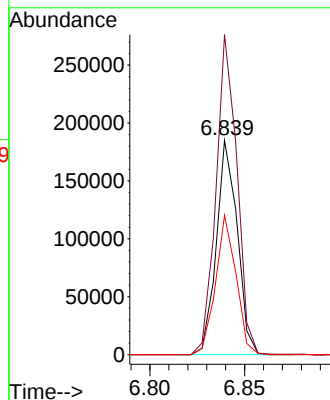
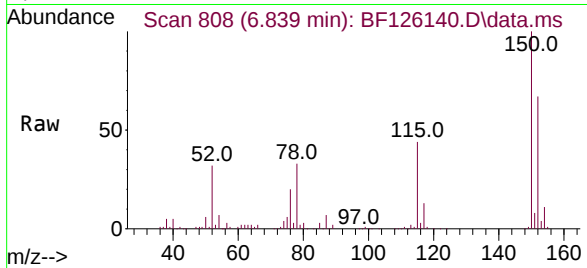




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.018 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

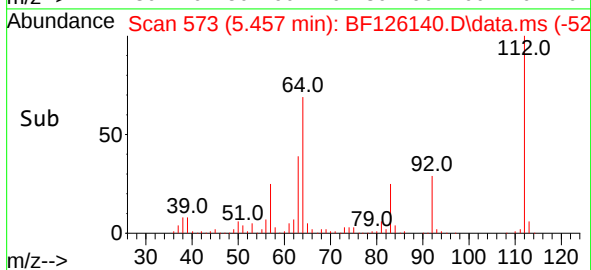
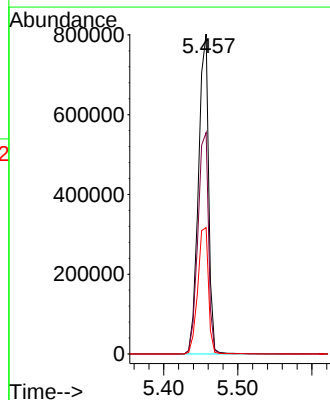
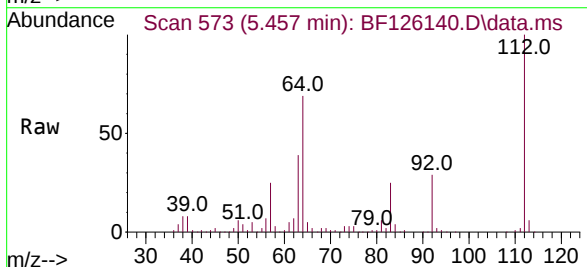
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

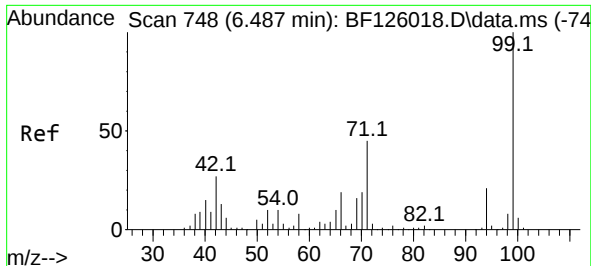
Tgt Ion:152 Resp: 141857
Ion Ratio Lower Upper
152 100
150 149.3 117.6 176.4
115 65.0 47.1 70.7



#5
2-Fluorophenol
Concen: 92.468 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion:112 Resp: 763840
Ion Ratio Lower Upper
112 100
64 69.2 44.2 66.2#
63 39.5 26.2 39.2#

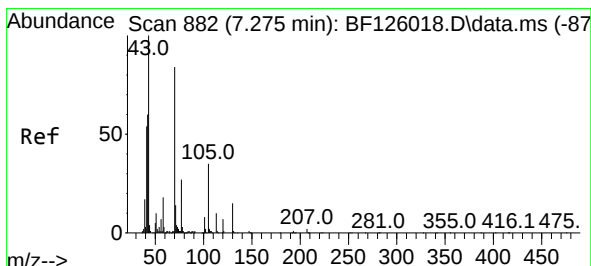
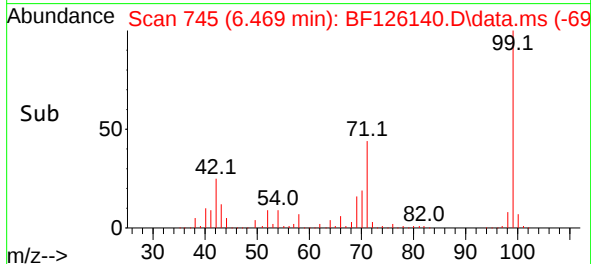
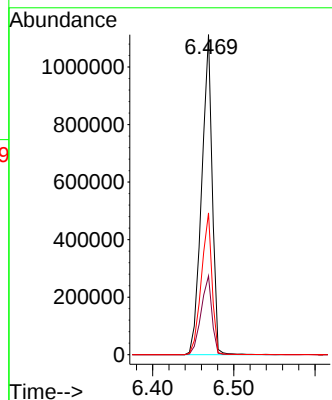
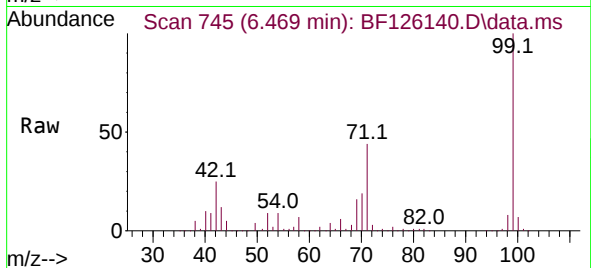




#7
Phenol-d6
Concen: 86.294 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

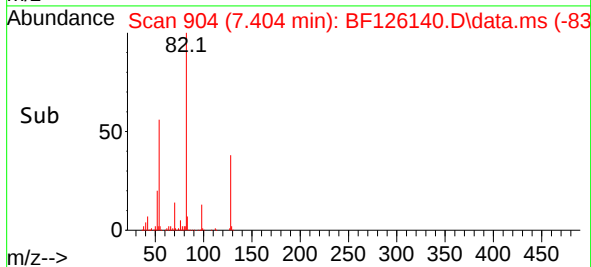
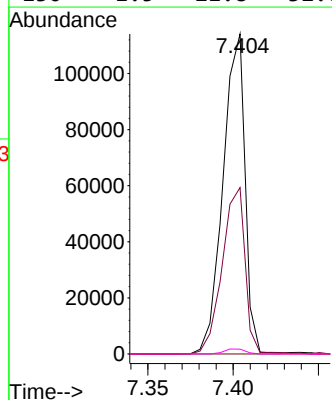
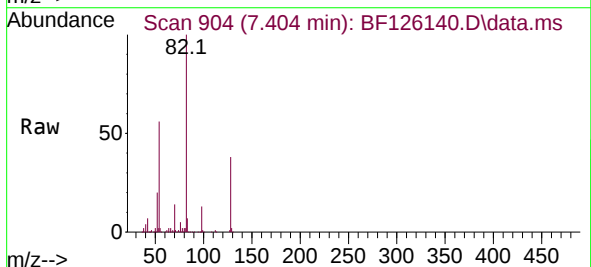
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

Tgt Ion: 99 Resp: 1004863
Ion Ratio Lower Upper
99 100
42 24.6 23.5 35.3
71 44.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.343 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion: 70 Resp: 102431
Ion Ratio Lower Upper
70 100
42 52.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

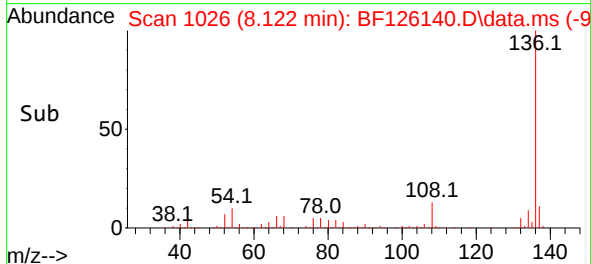
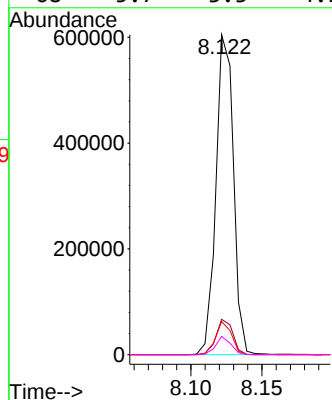
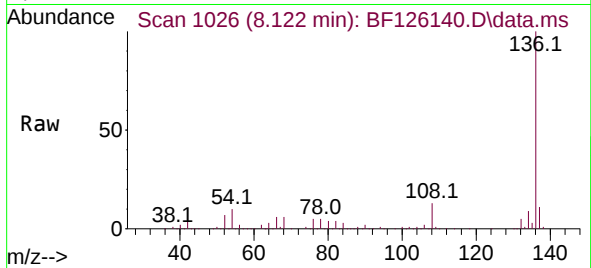




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

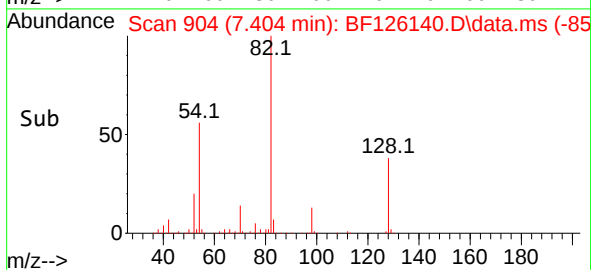
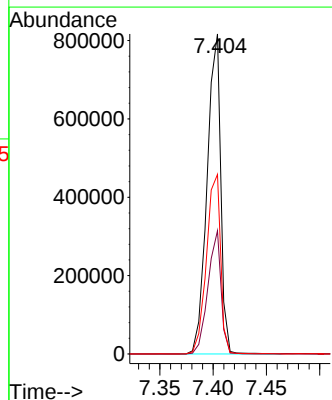
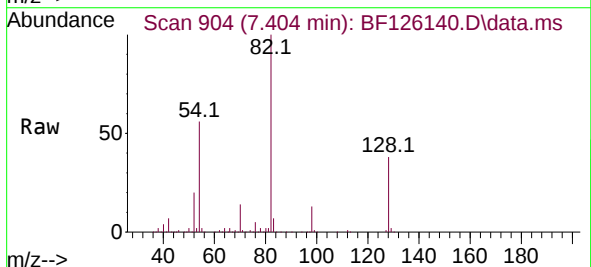
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

Tgt Ion:136	Resp: 519463
Ion Ratio	Lower Upper
136	100
137	11.1 9.8 14.6
54	10.3 6.4 9.6#
68	5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 66.270 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion: 82	Resp: 729949
Ion Ratio	Lower Upper
82	100
128	38.5 40.6 60.8#
54	56.1 49.6 74.4

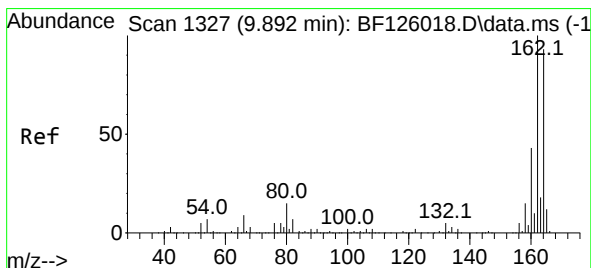
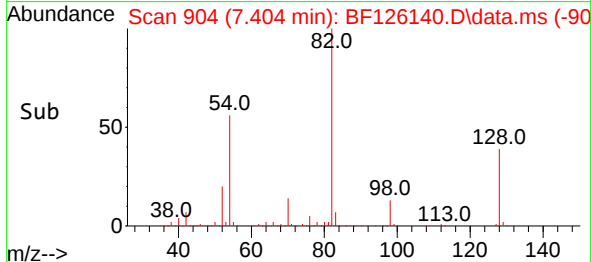
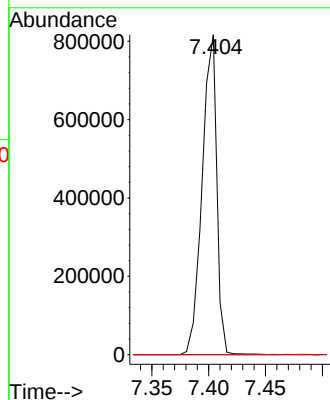
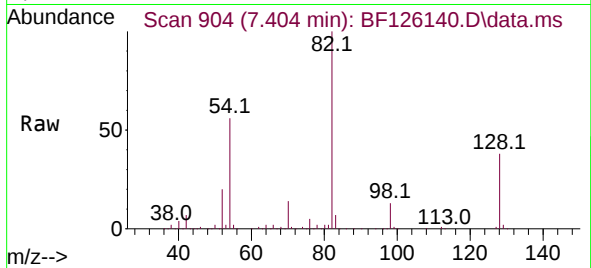




#25
Isophorone
Concen: 36.807 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

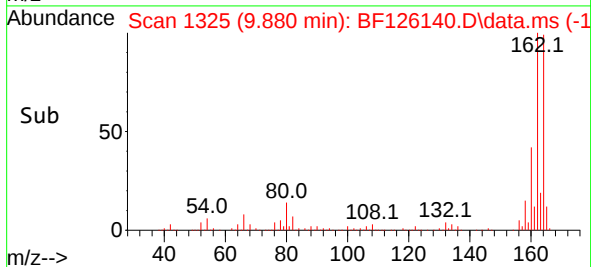
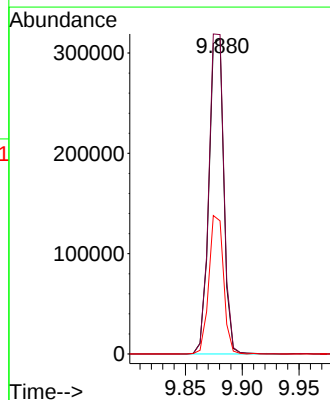
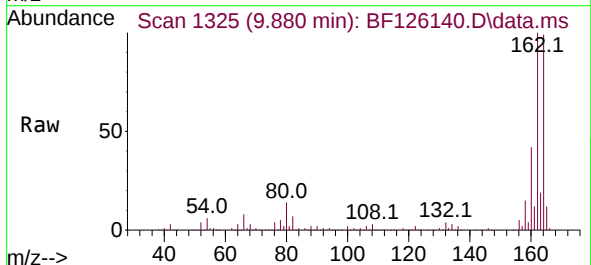
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

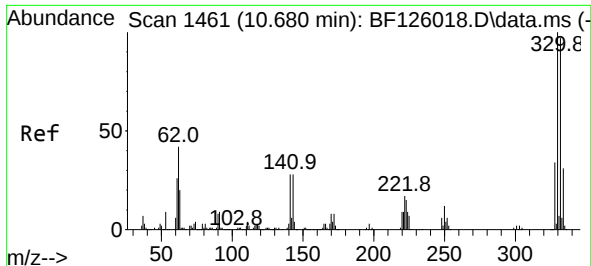
Tgt Ion: 82 Resp: 729932
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion: 164 Resp: 284008
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 42.2 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 81.481 ng

RT: 10.663 min Scan# 1461

Delta R.T. -0.018 min

Lab File: BF126140.D

Acq: 11 Nov 2021 23:03

Instrument :

BNA_F

ClientSampleId :

TT-10/0-1

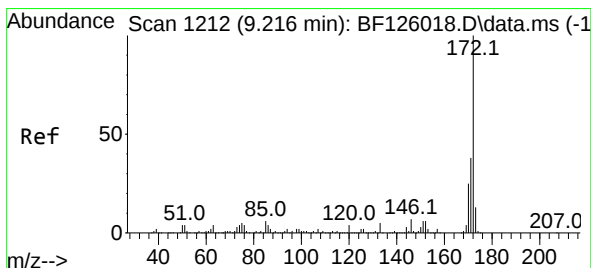
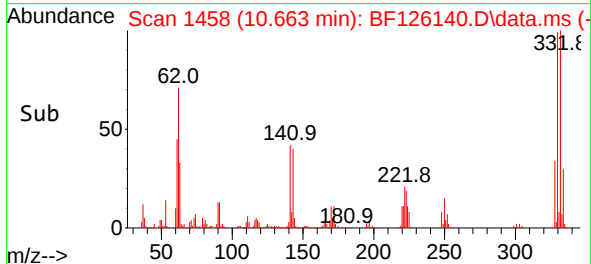
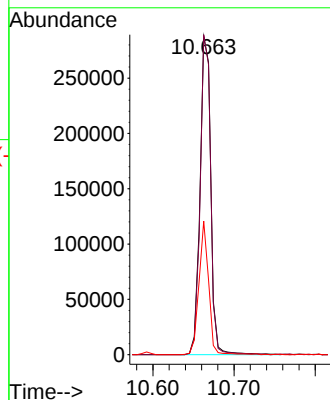
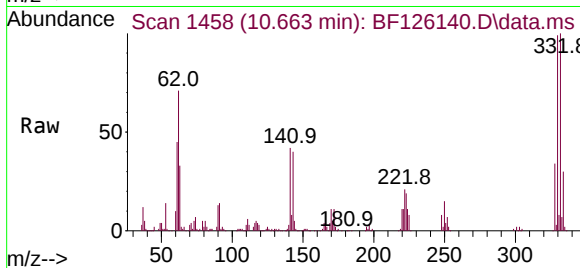
Tgt Ion:330 Resp: 265199

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 38.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 61.752 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.018 min

Lab File: BF126140.D

Acq: 11 Nov 2021 23:03

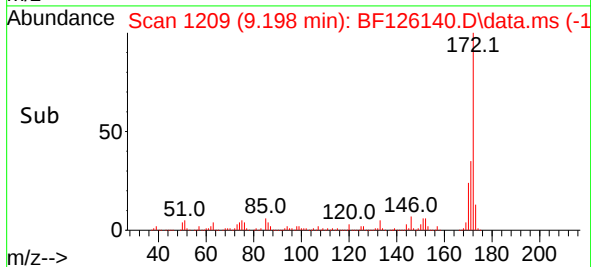
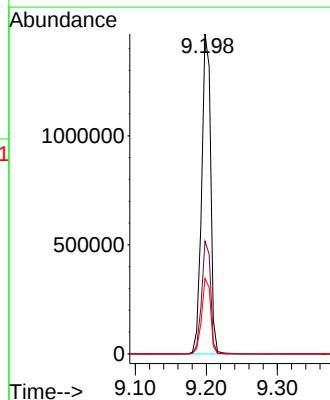
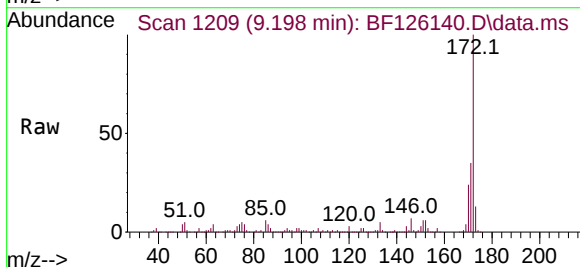
Tgt Ion:172 Resp: 1297799

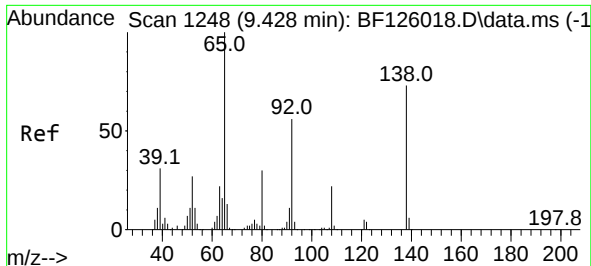
Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.6 18.8 28.2

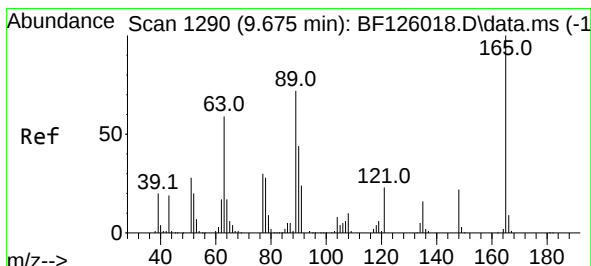
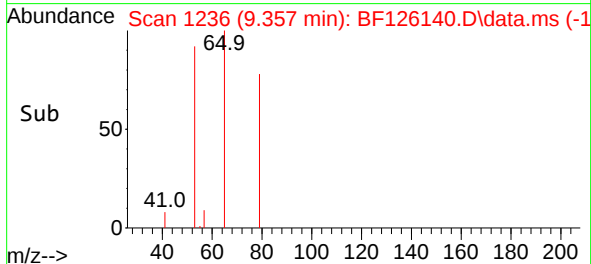
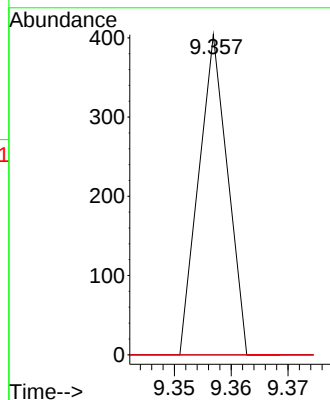
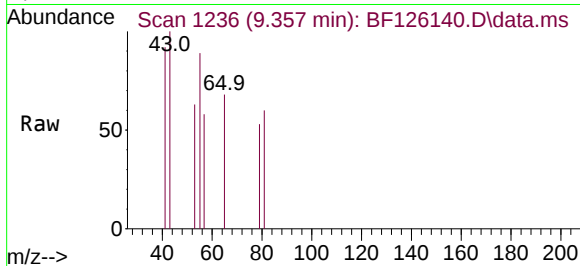




#48
2-Nitroaniline
Concen: 2.873 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.071 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

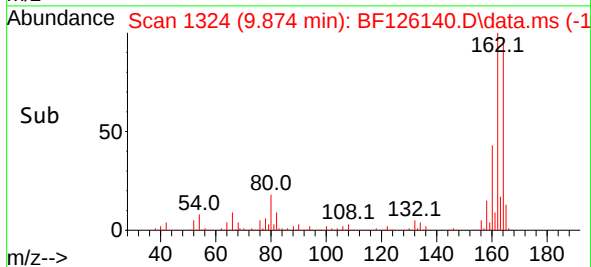
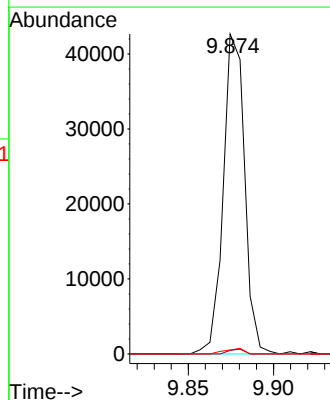
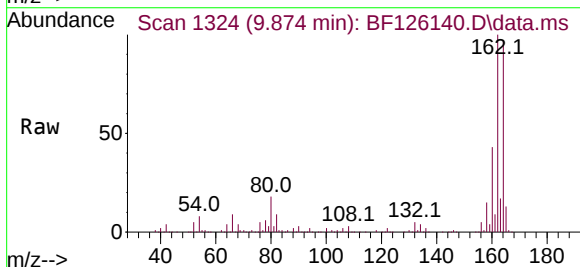
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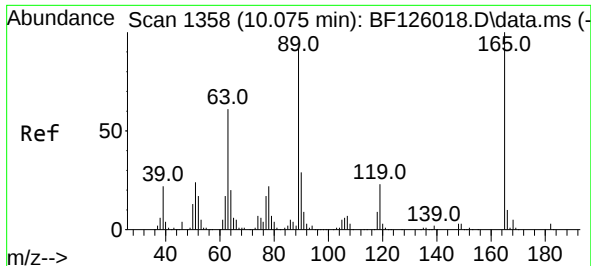
Tgt Ion: 65 Resp: 143
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.504 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.199 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion: 165 Resp: 37227
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#

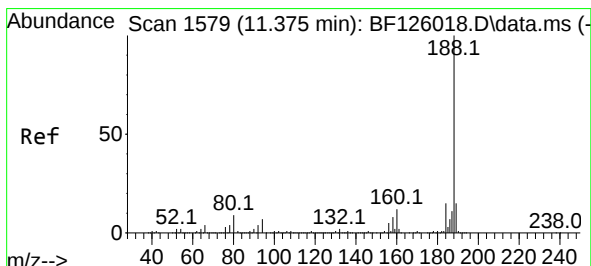
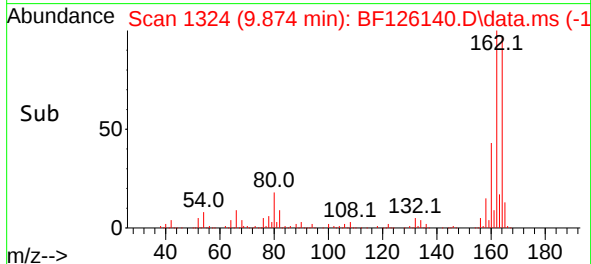
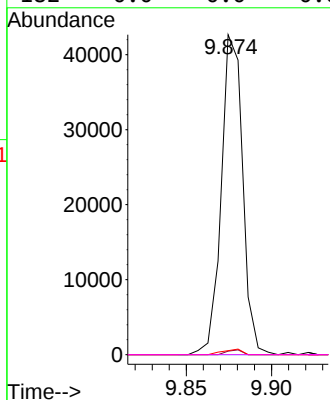
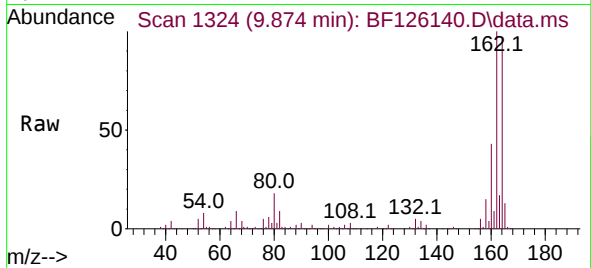




#57
2,4-Dinitrotoluene
Concen: 9.976 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.201 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

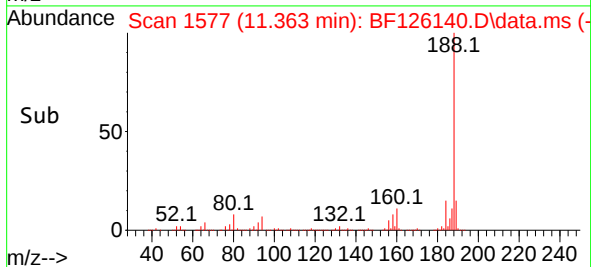
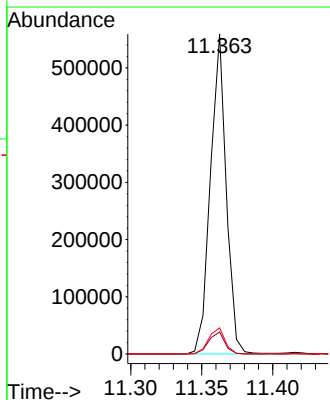
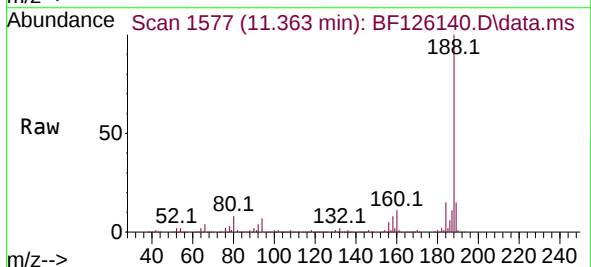
Instrument :
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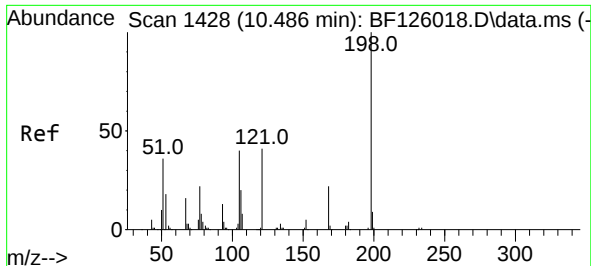
Tgt Ion:165 Resp: 37227
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion:188 Resp: 433976
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 8.2 7.5 11.3

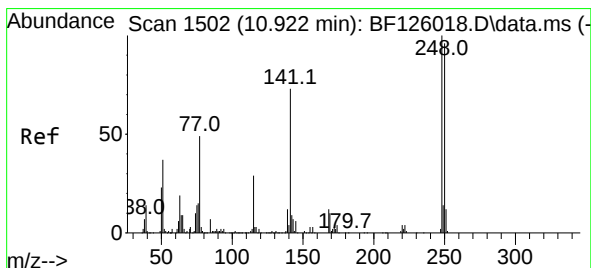
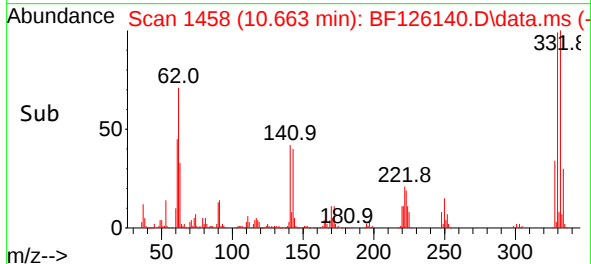
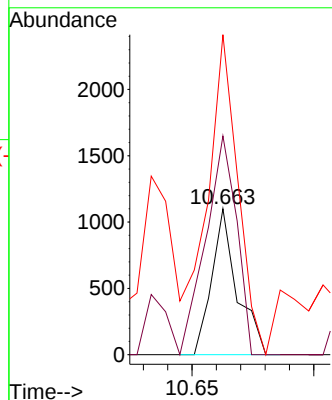
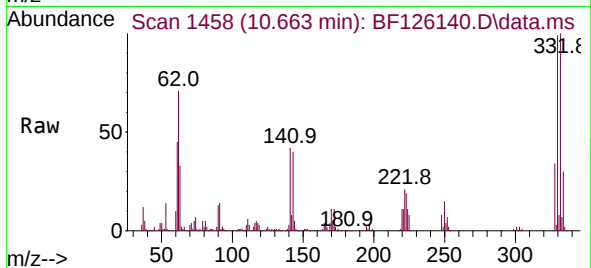




#65
4,6-Dinitro-2-methylphenol
Concen: 8.632 ng
RT: 10.663 min Scan# 1428
Delta R.T. 0.177 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

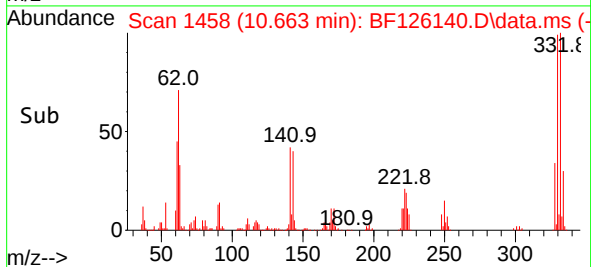
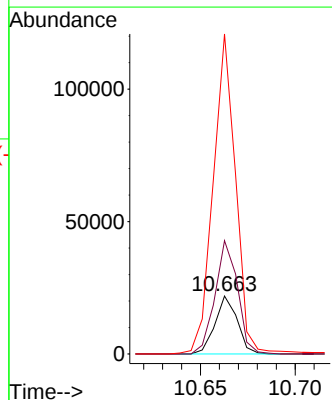
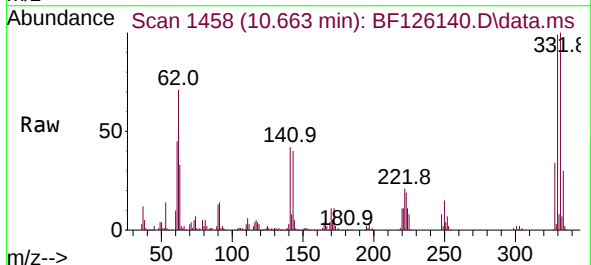
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

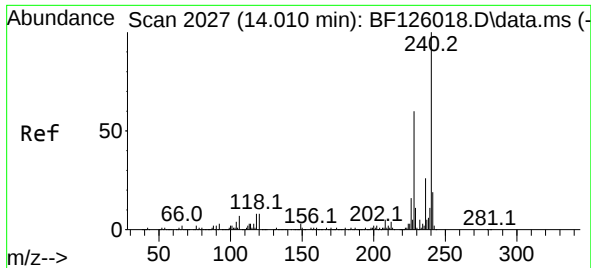
Tgt Ion:198 Resp: 796
Ion Ratio Lower Upper
198 100
51 149.8 45.3 85.3#
105 219.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.259 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion:248 Resp: 17828
Ion Ratio Lower Upper
248 100
250 195.6 74.2 111.4#
141 552.5 60.4 90.6#

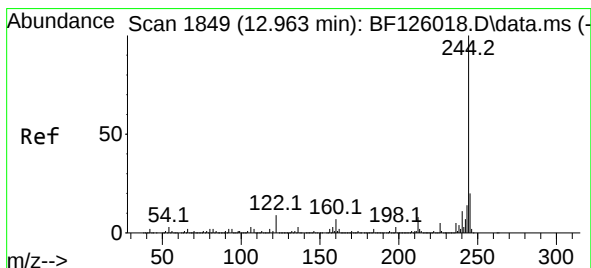
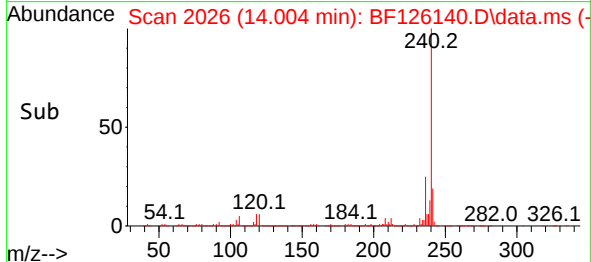
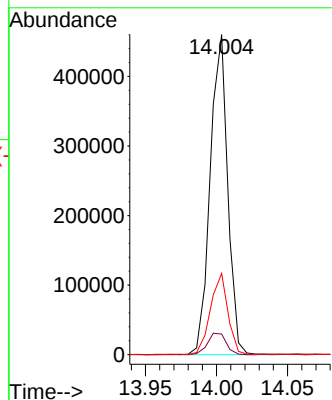
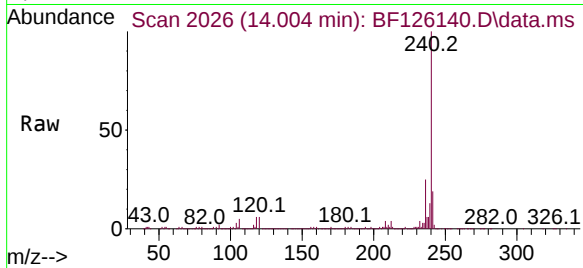




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

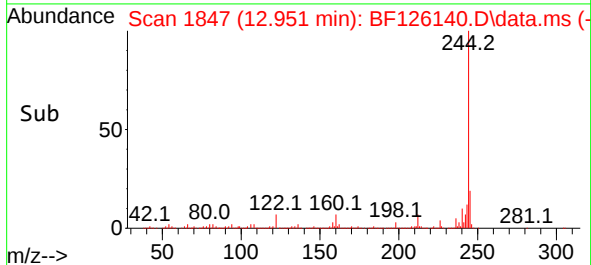
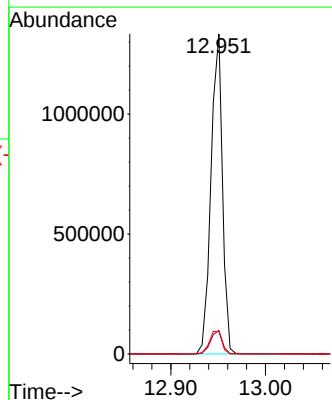
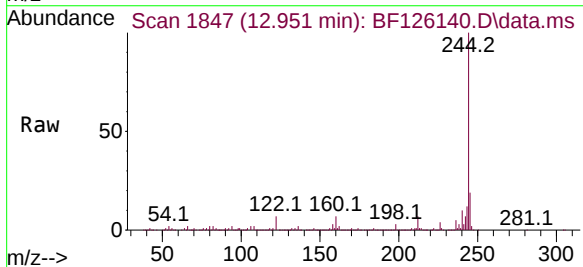
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

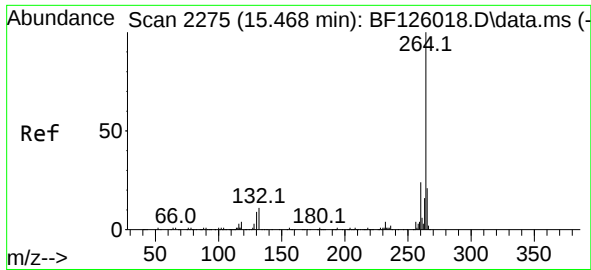
Tgt Ion:240 Resp: 395473
Ion Ratio Lower Upper
240 100
120 6.4 10.8 16.2#
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 45.439 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion:244 Resp: 1114374
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 7.0 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126140.D

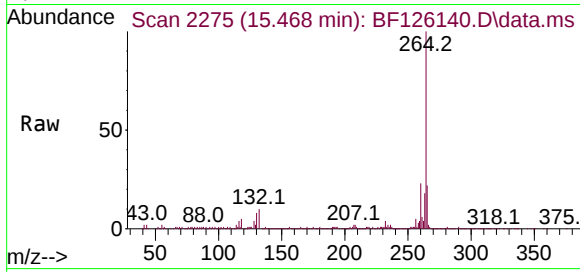
Acq: 11 Nov 2021 23:03

Instrument :

BNA_F

ClientSampleId :

TT-10/0-1



Tgt Ion:264 Resp: 315727

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 22.1 17.2 25.8

