

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126139.D
 Acq On : 11 Nov 2021 22:31
 Operator : JU/CG
 Sample : M4628-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAMINGTON-COMP

Quant Time: Nov 12 09:44:18 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)

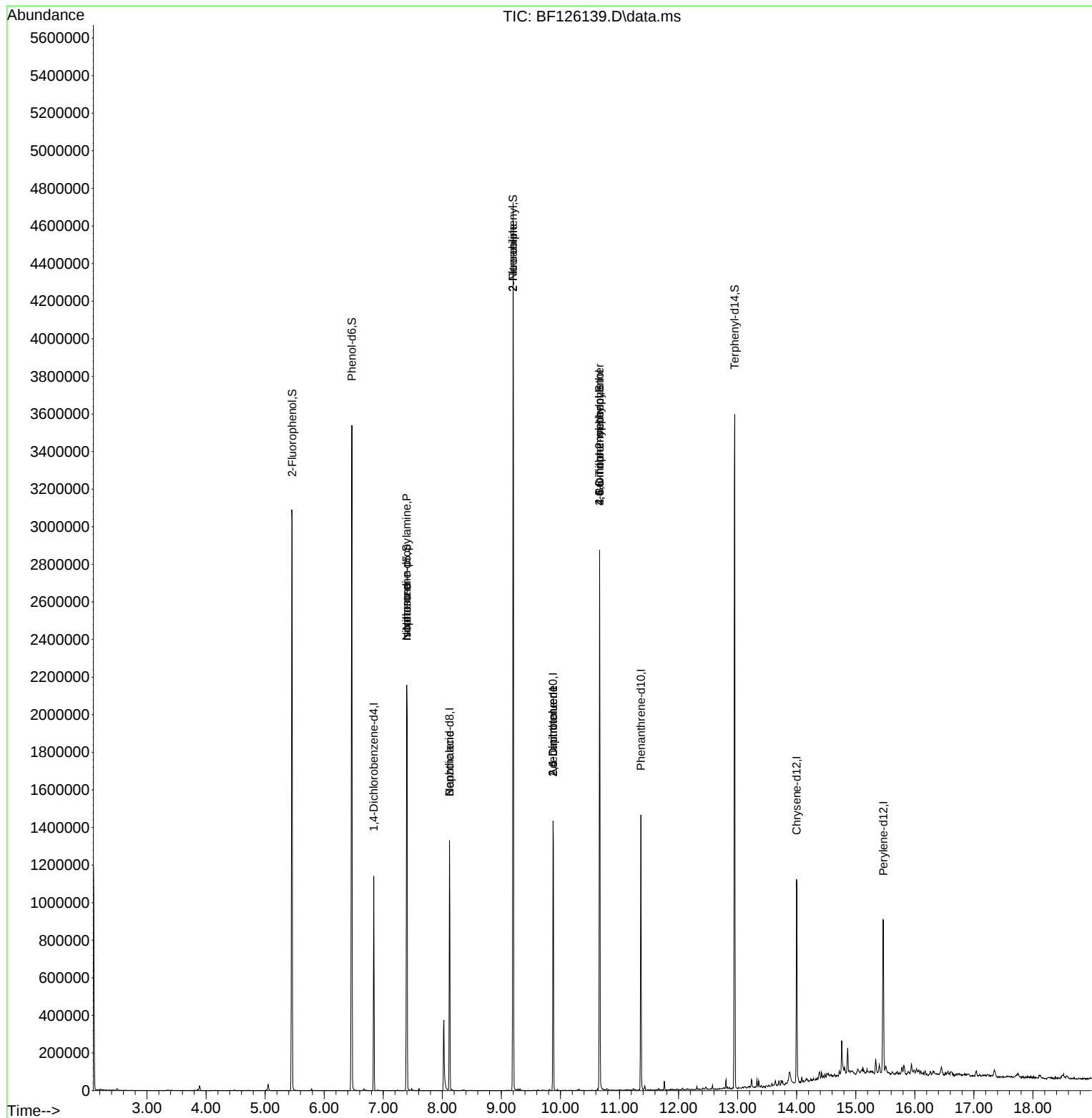
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	135751	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	496396	20.000	ng	#-0.02
39) Acenaphthene-d10	9.875	164	282450	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	474367	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	377520	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	375709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	737629	93.312	ng	0.00
7) Phenol-d6	6.469	99	948396	85.108	ng	-0.02
23) Nitrobenzene-d5	7.398	82	678680	64.478	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	287282	88.752	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1305785	62.474	ng	-0.02
79) Terphenyl-d14	12.951	244	1190607	50.856	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	2137	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	95426	12.990	ng	# 62
25) Isophorone	7.398	82	676816	35.714	ng	# 59
32) Benzoic acid	8.122	122	128	9.166	ng	# 1
48) 2-Nitroaniline	9.198	65	2172	3.213	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	36593	10.382	ng	# 28
57) 2,4-Dinitrotoluene	9.875	165	36593	9.897	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	722	8.578	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	19137	3.331	ng	# 1

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

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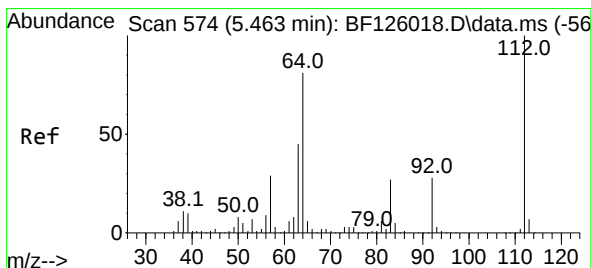
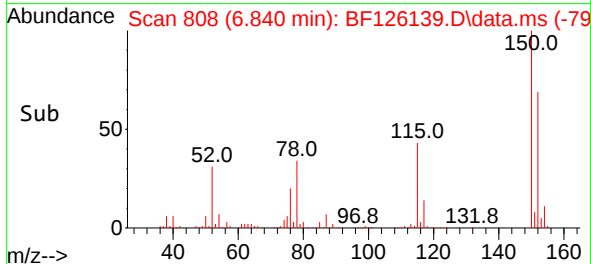
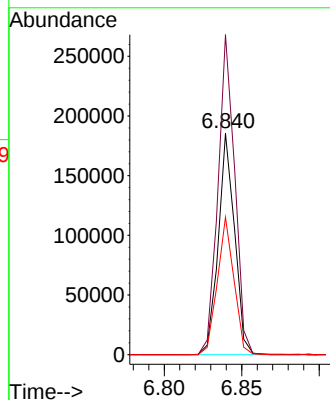
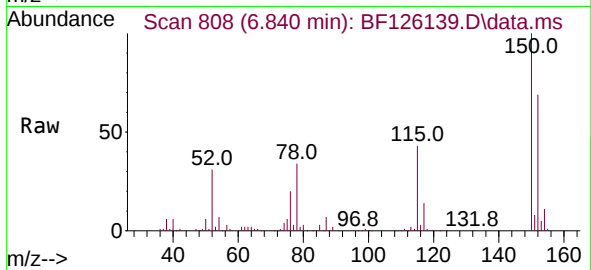




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

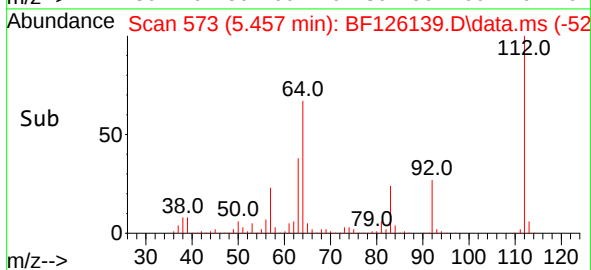
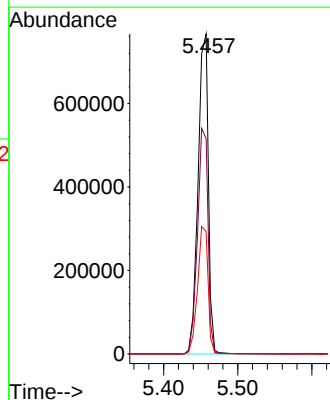
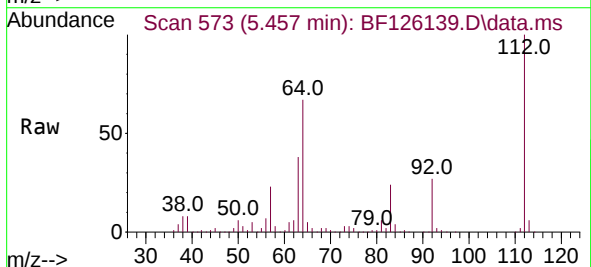
Instrument :
BNA_F
ClientSampleId :
LAMINGTON-COMP

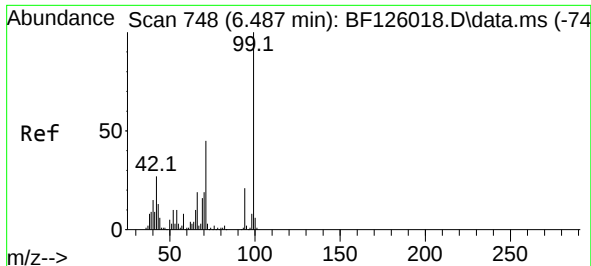
Tgt Ion:152 Resp: 135751
Ion Ratio Lower Upper
152 100
150 144.6 117.6 176.4
115 62.1 47.1 70.7



#5
2-Fluorophenol
Concen: 93.312 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Tgt Ion:112 Resp: 737629
Ion Ratio Lower Upper
112 100
64 67.2 44.2 66.2#
63 38.3 26.2 39.2

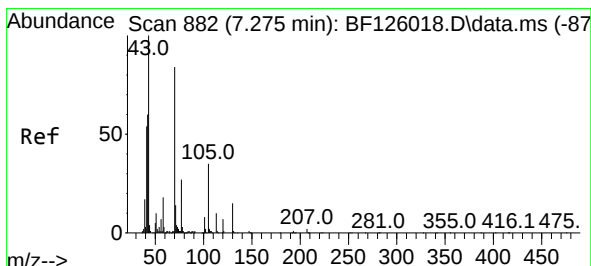
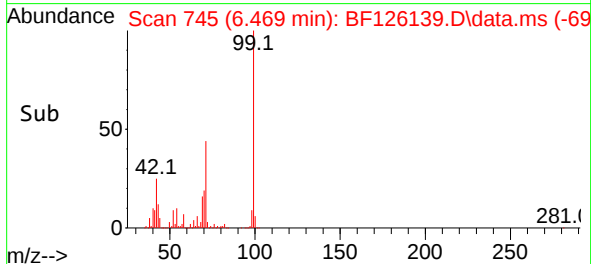
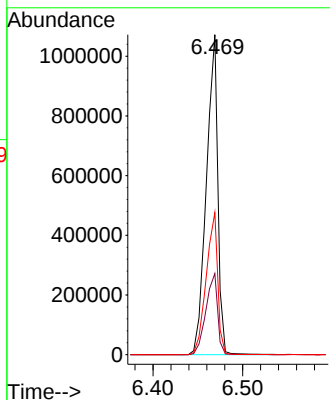
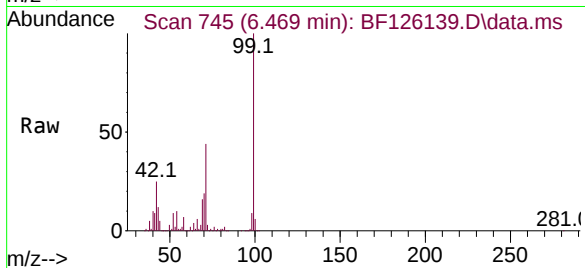




#7
Phenol-d6
Concen: 85.108 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

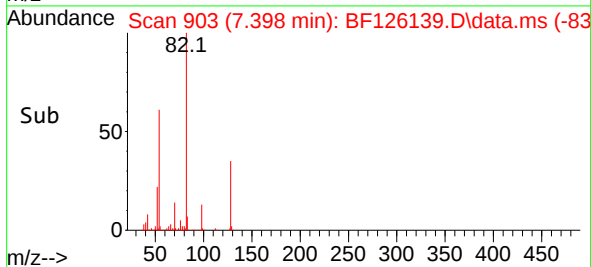
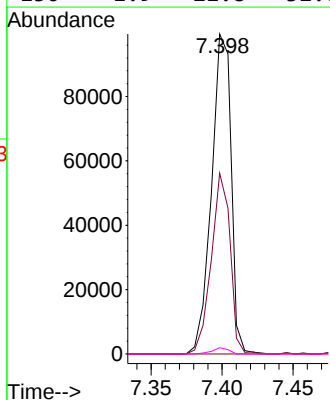
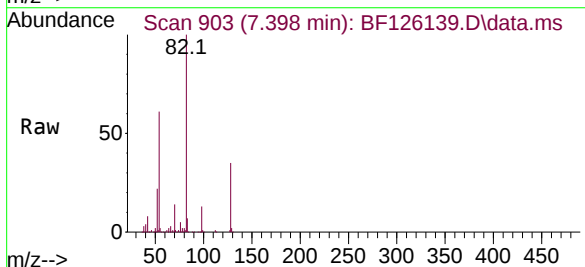
Instrument :
BNA_F
ClientSampleId :
LAMINGTON-COMP

Tgt Ion: 99 Resp: 948396
Ion Ratio Lower Upper
99 100
42 25.3 23.5 35.3
71 44.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.990 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.123 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

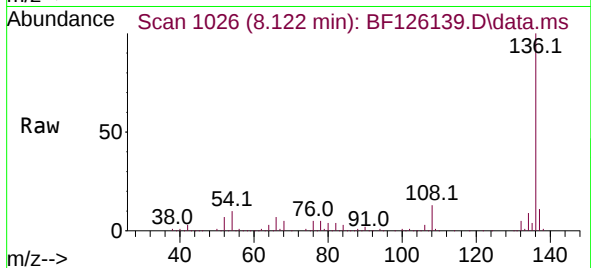
Tgt Ion: 70 Resp: 95426
Ion Ratio Lower Upper
70 100
42 56.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



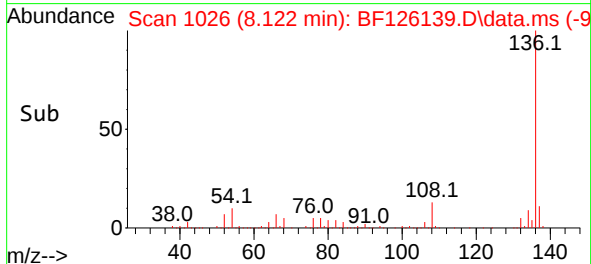
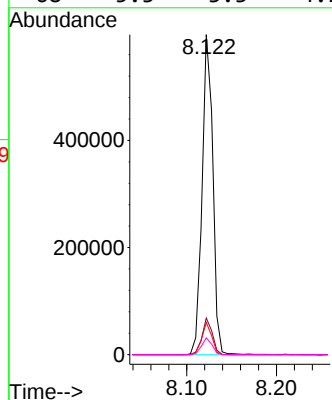


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Instrument :
BNA_F
ClientSampleId :
LAMINGTON-COMP

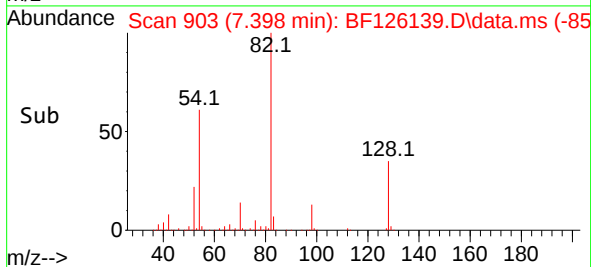
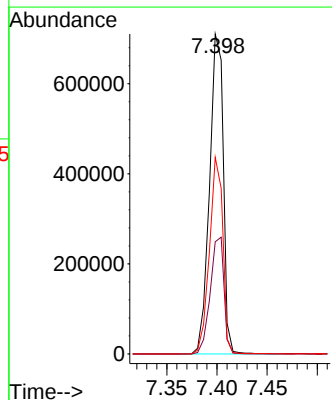
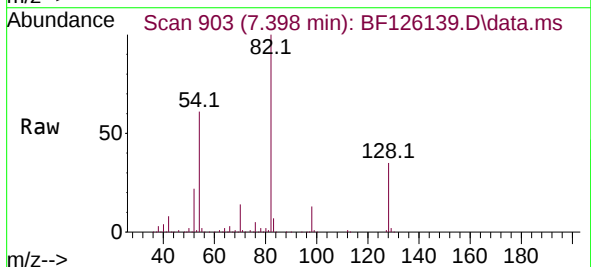


Tgt Ion:136 Resp: 496396
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.6
54 10.0 6.4 9.6#
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 64.478 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.024 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Tgt Ion: 82 Resp: 678680
Ion Ratio Lower Upper
82 100
128 35.0 40.6 60.8#
54 61.5 49.6 74.4

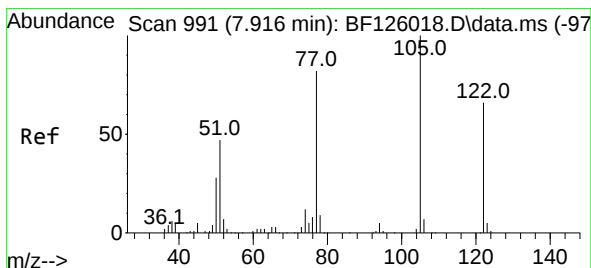
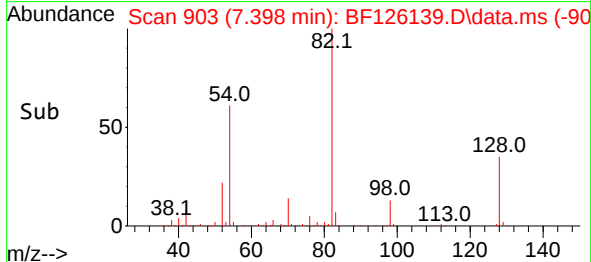
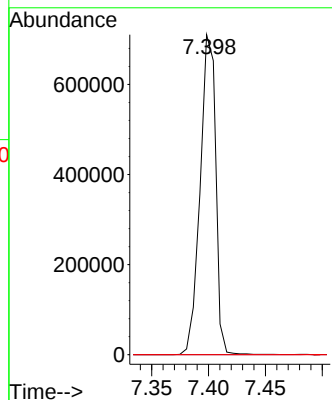
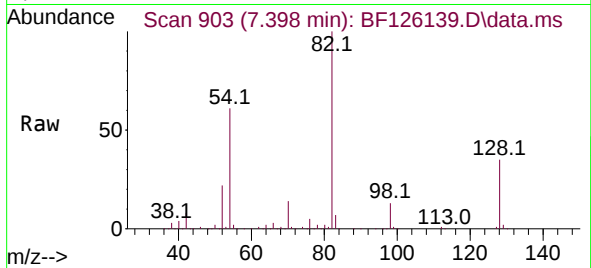




#25
Isophorone
Concen: 35.714 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.283 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

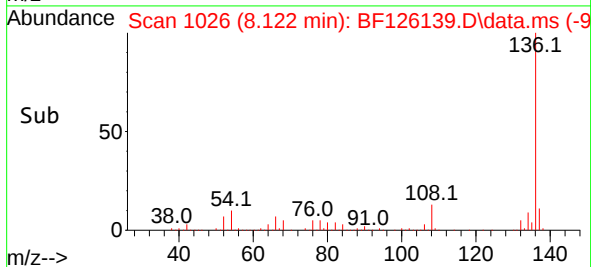
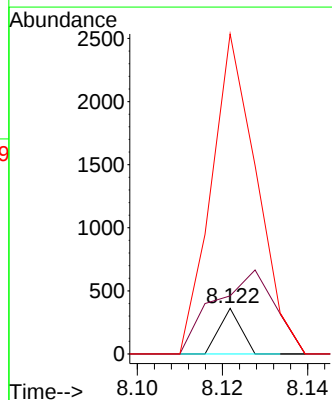
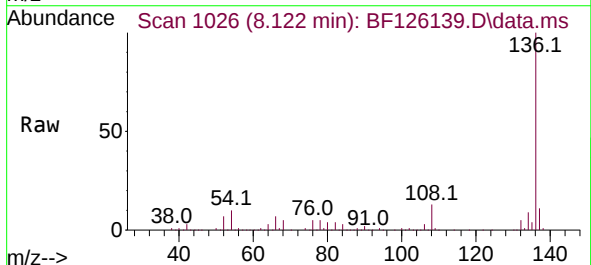
Instrument :
BNA_F
ClientSampleId :
LAMINGTON-COMP

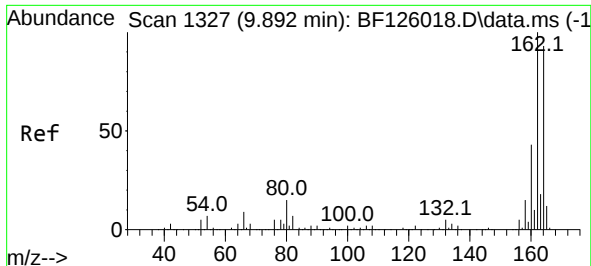
Tgt Ion: 82 Resp: 676816
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.166 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.206 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Tgt Ion: 122 Resp: 128
Ion Ratio Lower Upper
122 100
105 127.3 97.6 137.6
77 700.6 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF126139.D

Acq: 11 Nov 2021 22:31

Instrument :

BNA_F

ClientSampleId :

LAMINGTON-COMP

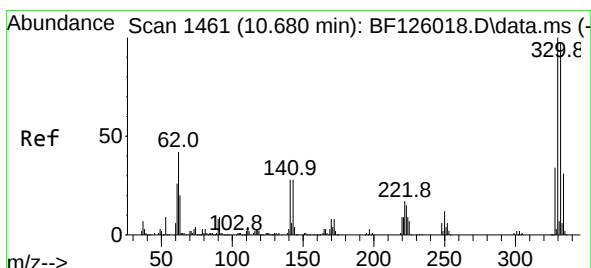
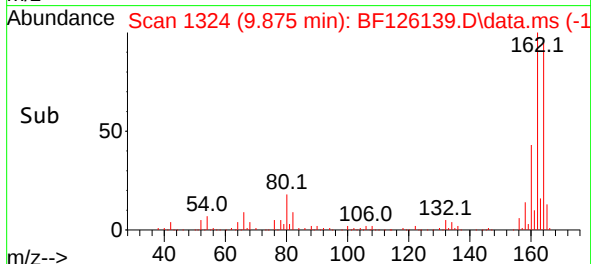
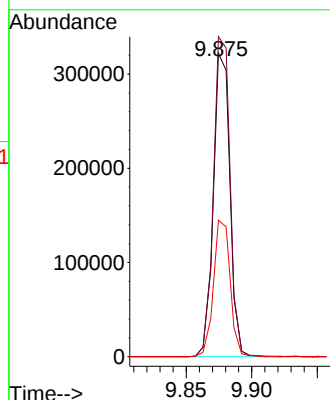
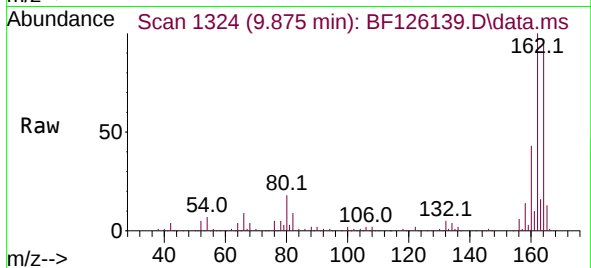
Tgt Ion:164 Resp: 282450

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

160 45.0 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 88.752 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.018 min

Lab File: BF126139.D

Acq: 11 Nov 2021 22:31

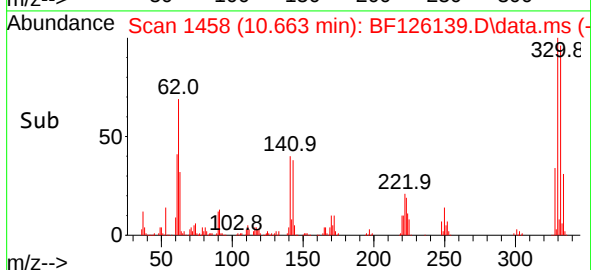
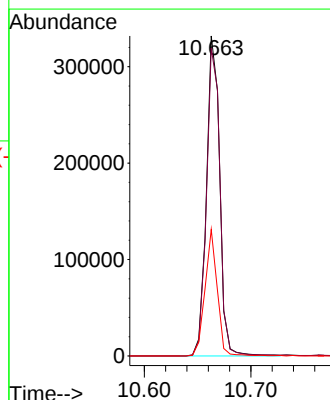
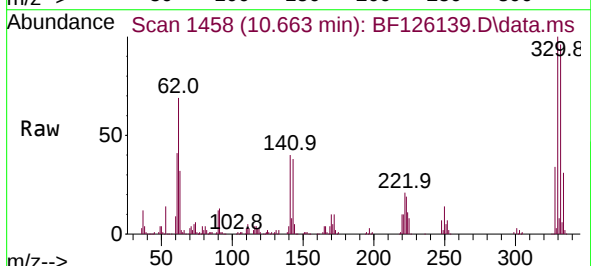
Tgt Ion:330 Resp: 287282

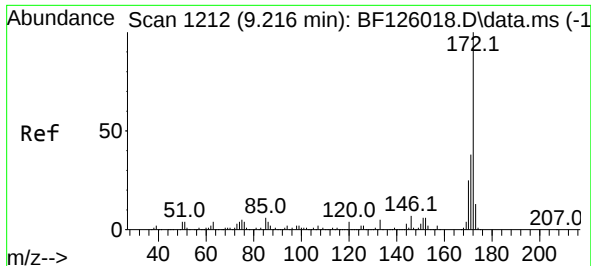
Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 36.8 44.6 66.8#

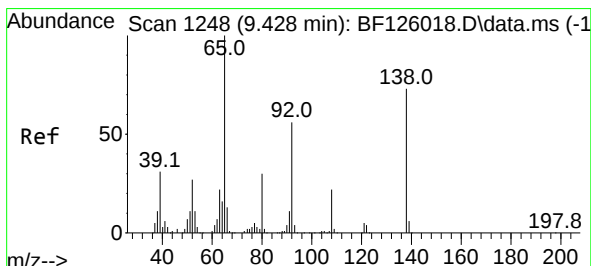
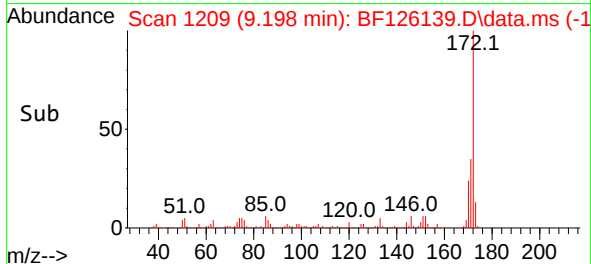
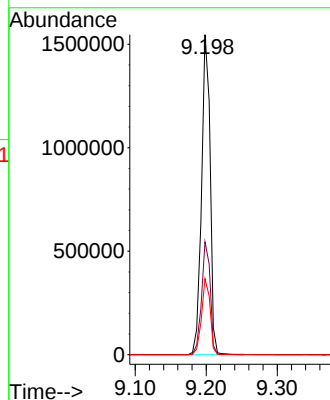
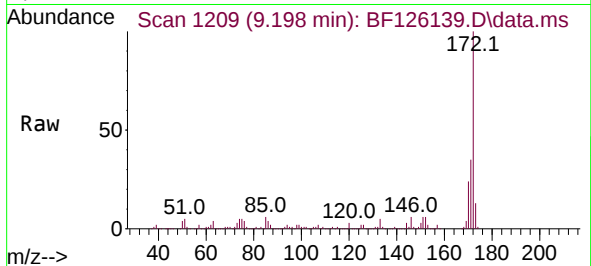




#45
2-Fluorobiphenyl
Concen: 62.474 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

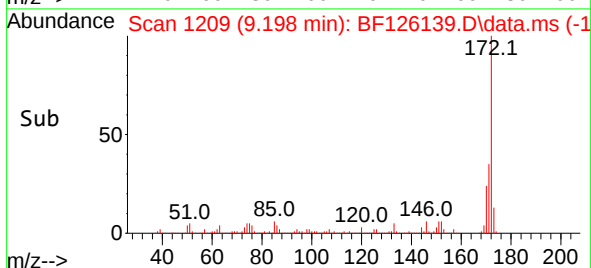
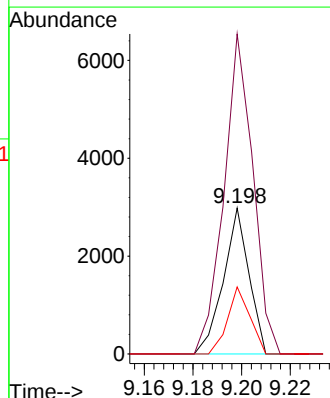
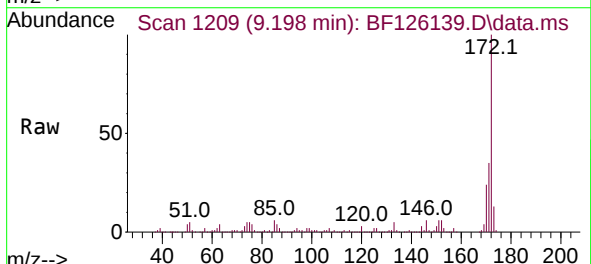
Instrument :
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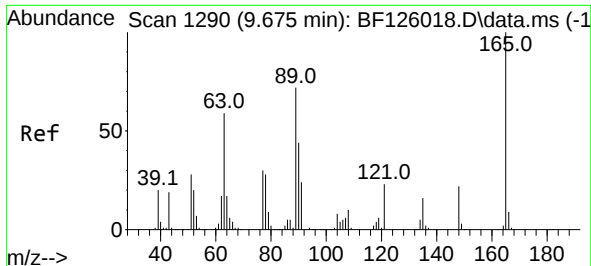
Tgt Ion:172 Resp: 1305785
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.7 18.8 28.2



#48
2-Nitroaniline
Concen: 3.213 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.230 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Tgt Ion: 65 Resp: 2172
Ion Ratio Lower Upper
65 100
92 219.2 55.5 83.3#
138 46.0 93.5 140.3#





#51

2,6-Dinitrotoluene

Concen: 10.382 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF126139.D

Acq: 11 Nov 2021 22:31

Instrument :

BNA_F

ClientSampleId :

LAMINGTON-COMP

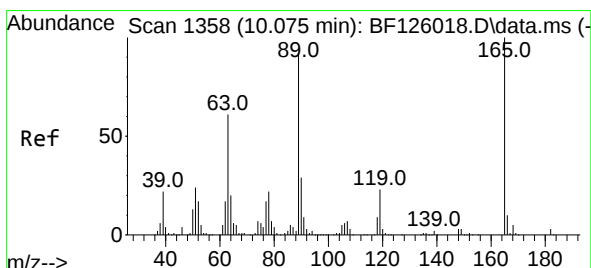
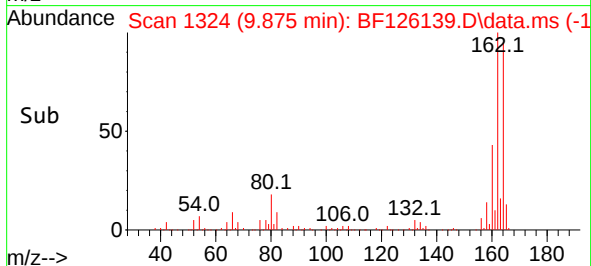
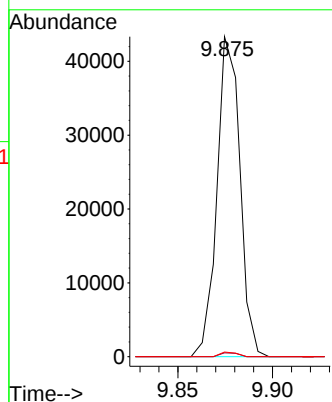
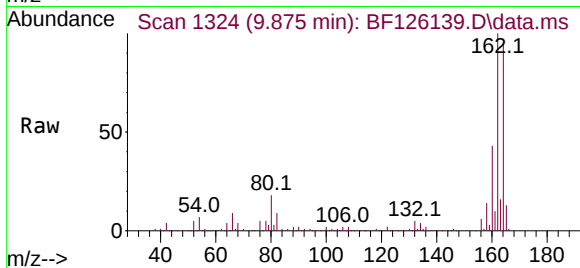
Tgt Ion:165 Resp: 36593

Ion Ratio Lower Upper

165 100

63 1.2 42.6 63.8#

89 1.5 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 9.897 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.200 min

Lab File: BF126139.D

Acq: 11 Nov 2021 22:31

Tgt Ion:165 Resp: 36593

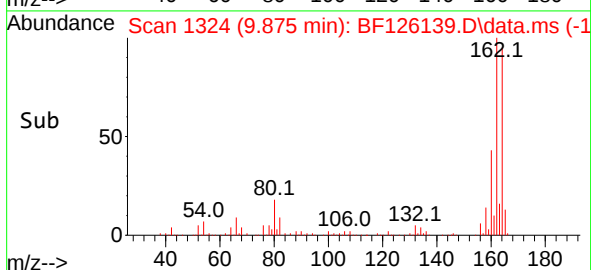
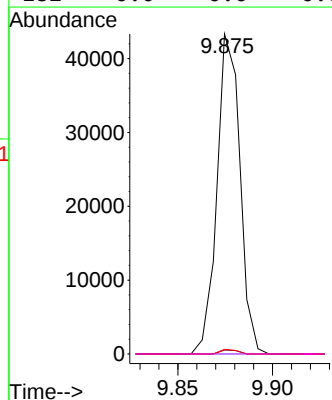
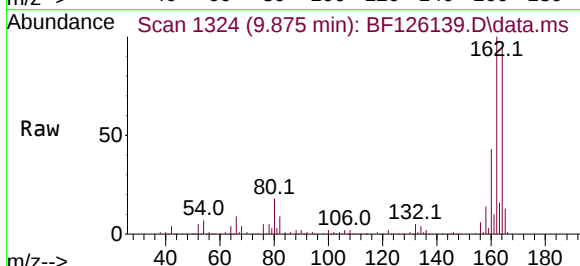
Ion Ratio Lower Upper

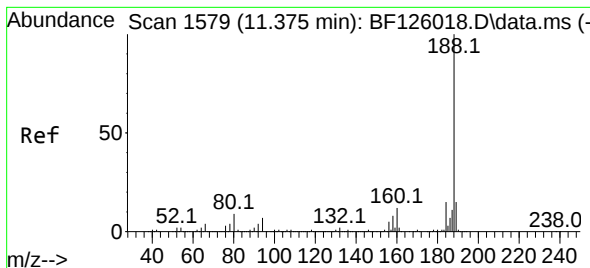
165 100

63 1.2 40.9 61.3#

89 1.5 59.7 89.5#

182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126139.D

Acq: 11 Nov 2021 22:31

Instrument :

BNA_F

ClientSampleId :

LAMINGTON-COMP

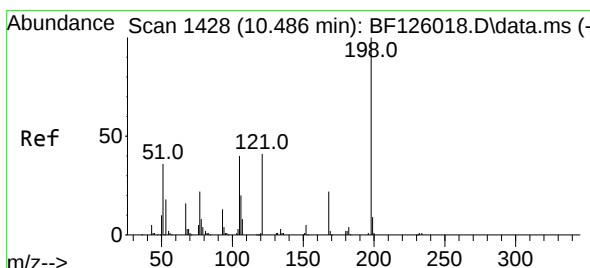
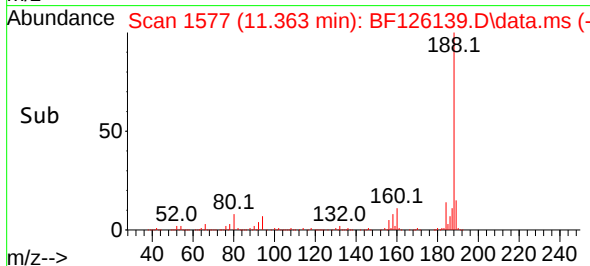
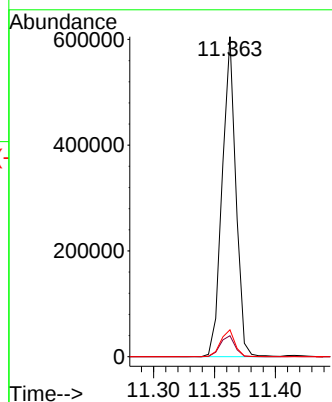
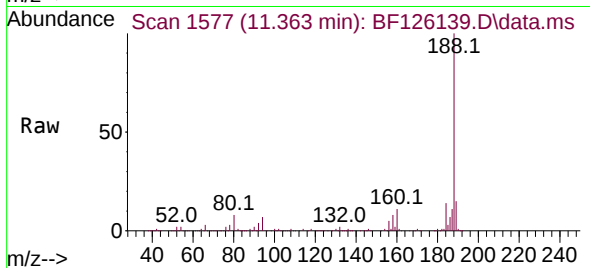
Tgt Ion:188 Resp: 474367

Ion Ratio Lower Upper

188 100

94 6.6 6.7 10.1#

80 8.4 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.578 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.177 min

Lab File: BF126139.D

Acq: 11 Nov 2021 22:31

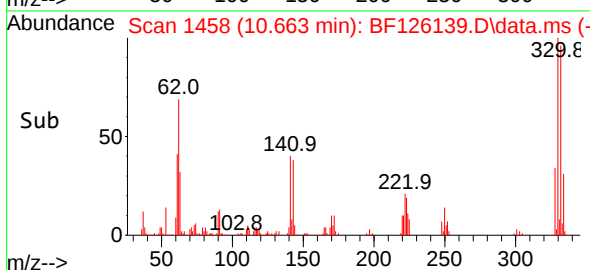
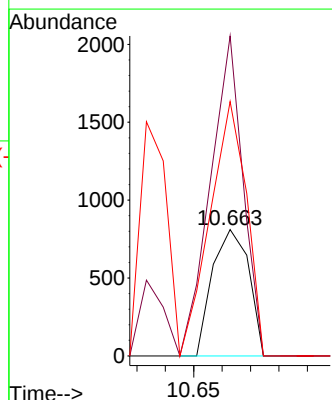
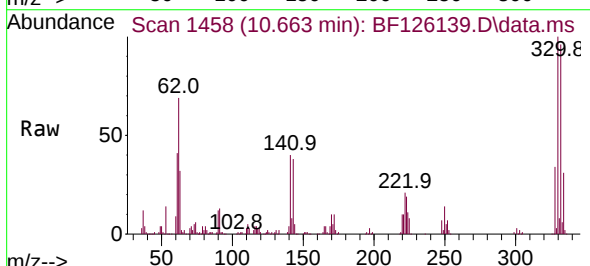
Tgt Ion:198 Resp: 722

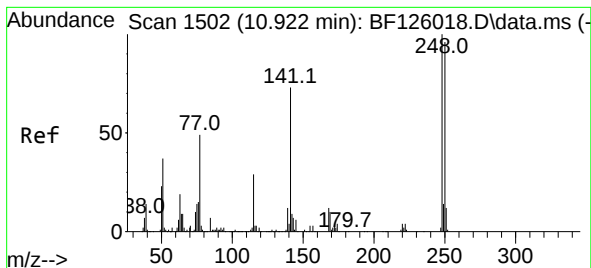
Ion Ratio Lower Upper

198 100

51 253.3 45.3 85.3#

105 201.4 30.6 70.6#

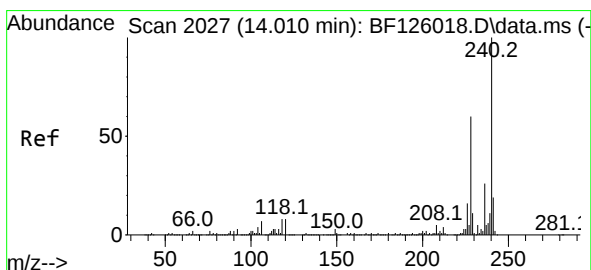
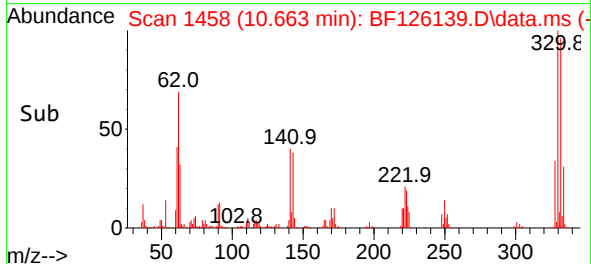
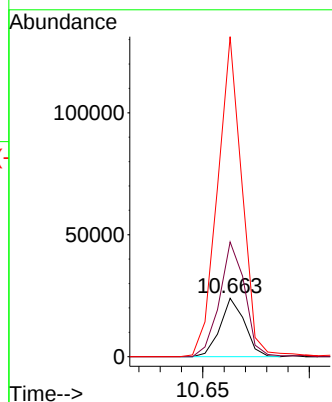
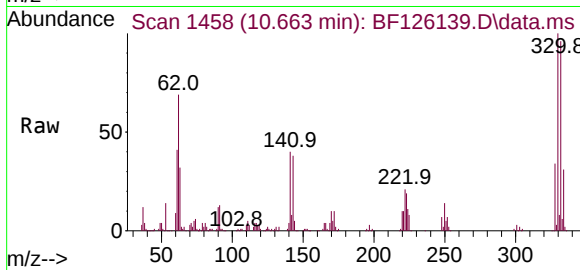




#67
4-Bromophenyl-phenylether
Concen: 3.331 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

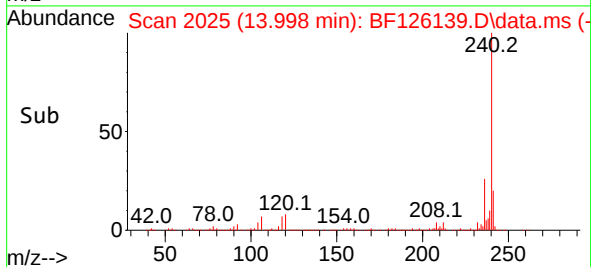
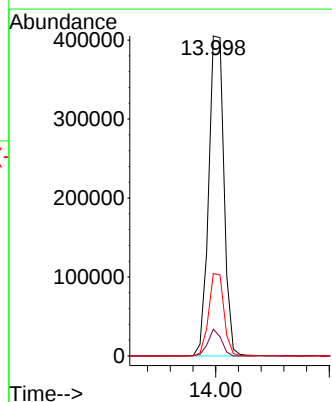
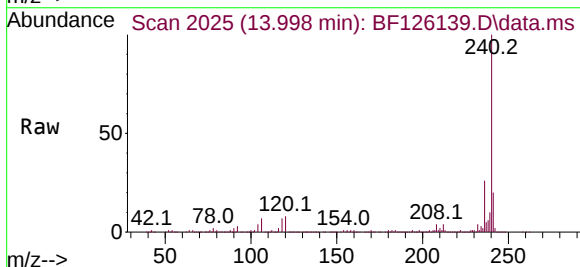
Instrument :
BNA_F
ClientSampleId :
LAMINGTON-COMP

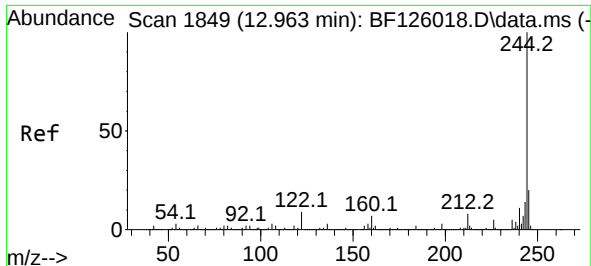
Tgt Ion:248 Resp: 19137
Ion Ratio Lower Upper
248 100
250 196.6 74.2 111.4#
141 548.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Tgt Ion:240 Resp: 377520
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 25.7 21.6 32.4

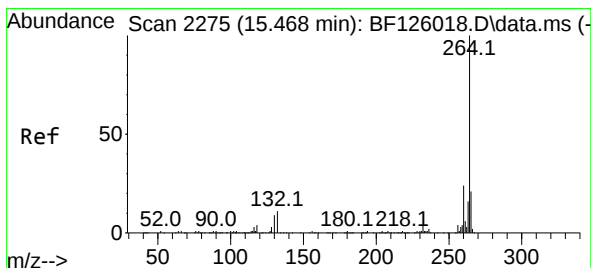
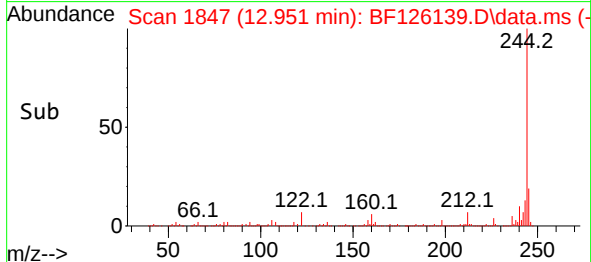
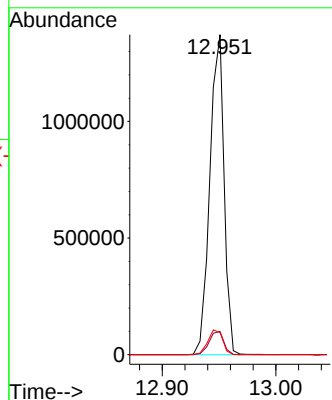
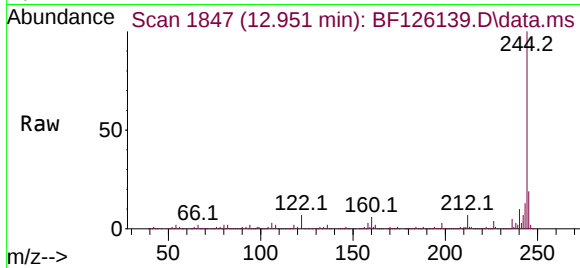




#79
 Terphenyl-d14
 Concen: 50.856 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126139.D
 Acq: 11 Nov 2021 22:31

Instrument :
 BNA_F
 ClientSampleId :
 LAMINGTON-COMP

Tgt Ion:244 Resp: 1190607
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.9 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: BF126139.D
 Acq: 11 Nov 2021 22:31

Tgt Ion:264 Resp: 375709
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.1 17.2 25.8

