

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126412.D
 Acq On : 30 Dec 2021 11:03
 Operator : JU/CG
 Sample : M5237-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Quant Time: Dec 30 13:25:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

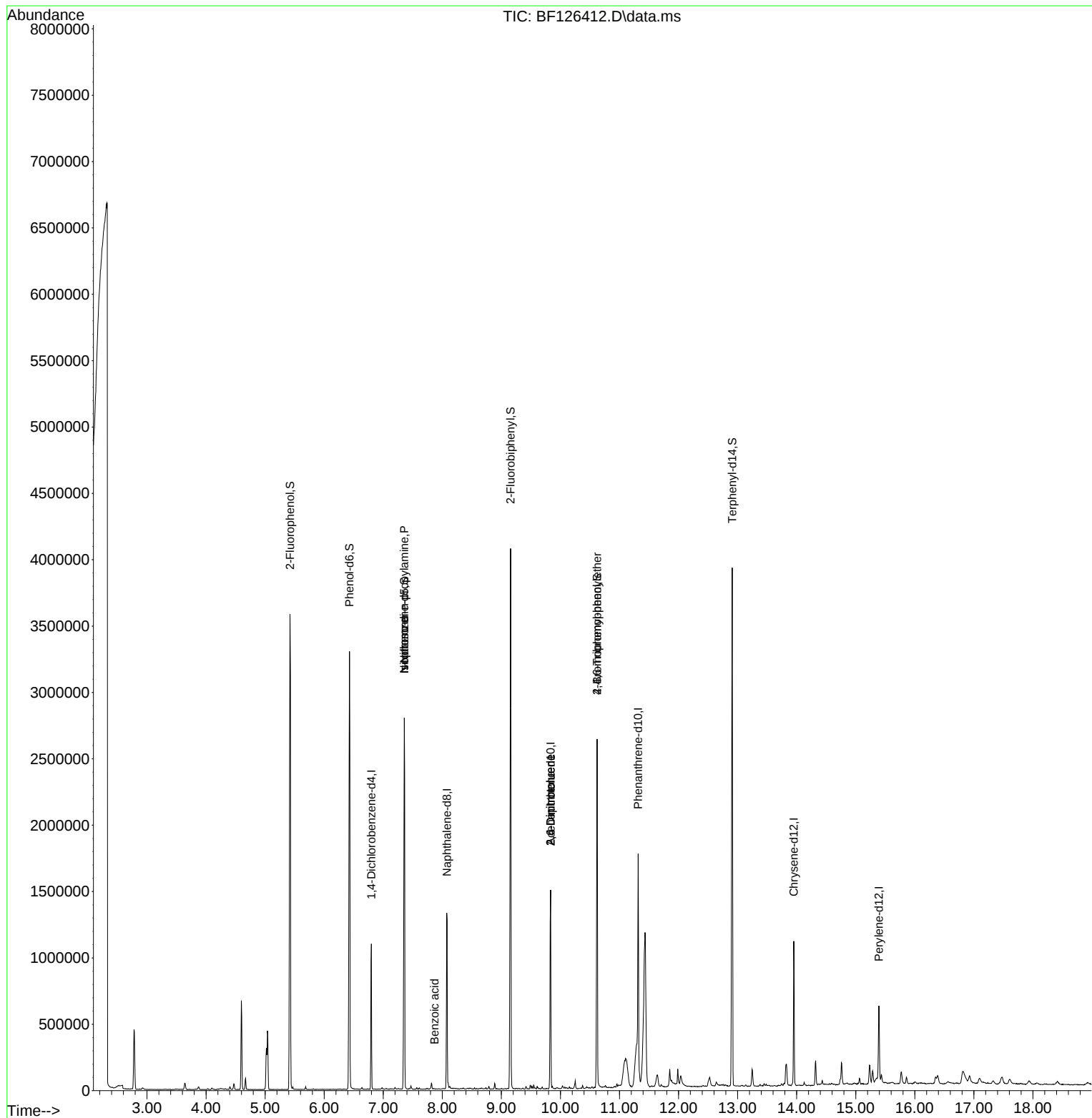
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	145238	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	627215	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	302305	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	489990	20.000	ng	0.00
76) Chrysene-d12	13.951	240	327907	20.000	ng	0.00
86) Perylene-d12	15.392	264	226402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1158380	114.536	ng	0.02
7) Phenol-d6	6.428	99	1382917	105.572	ng	0.00
23) Nitrobenzene-d5	7.357	82	1093632	89.529	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	329327	140.976	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1350185	78.595	ng	0.00
79) Terphenyl-d14	12.910	244	1419949	84.136	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	141776	18.967	ng	# 80
25) Isophorone	7.357	82	1086404	49.682	ng	# 69
32) Benzoic acid	7.869	122	344	7.124	ng	# 67
51) 2,6-Dinitrotoluene	9.833	165	38421	9.427	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	38421	7.307	ng	# 15
67) 4-Bromophenyl-phenylether	10.622	248	17174	3.949	ng	# 1
77) Benzidine	12.910	184	18985	Below Cal		95

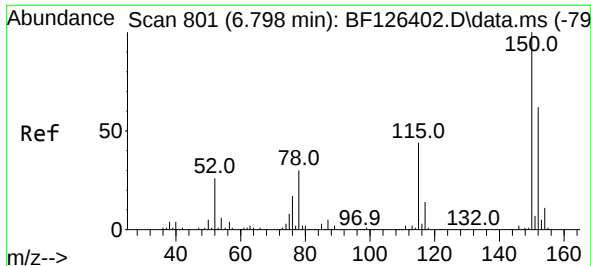
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126412.D
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Operator : JU/CG
Sample : M5237-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1S

Quant Time: Dec 30 13:25:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

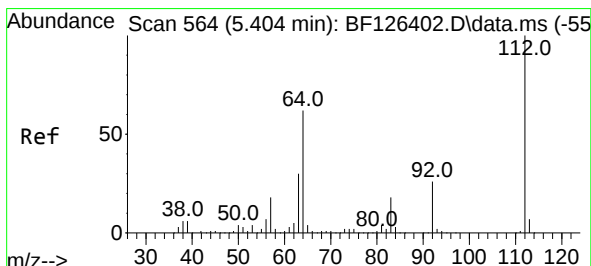
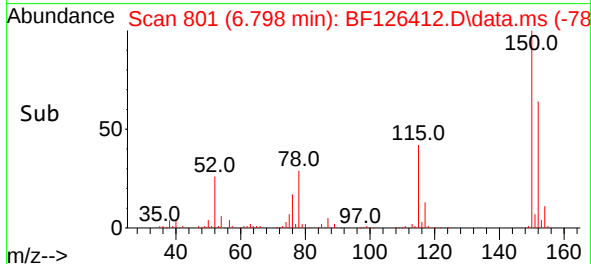
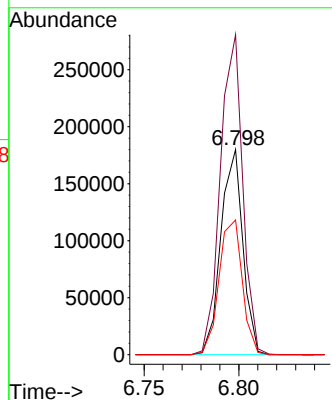
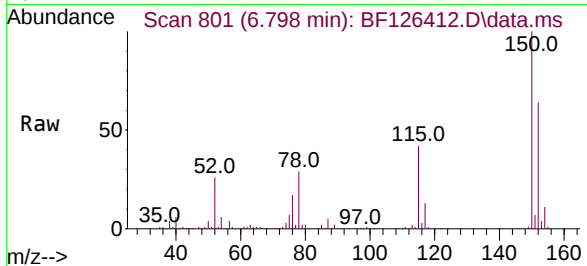




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF126412.D
 Acq: 30 Dec 2021 11:03

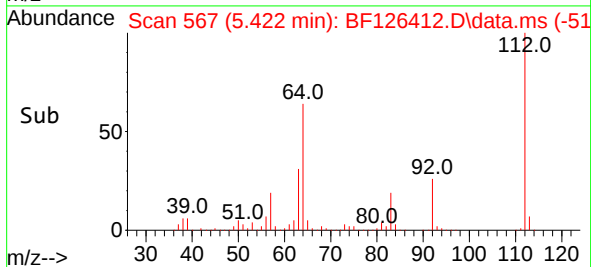
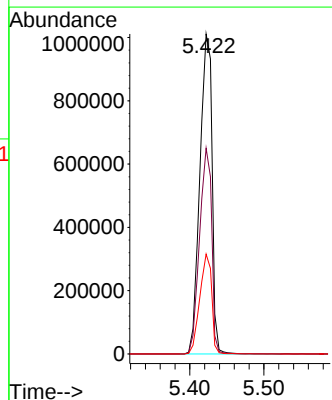
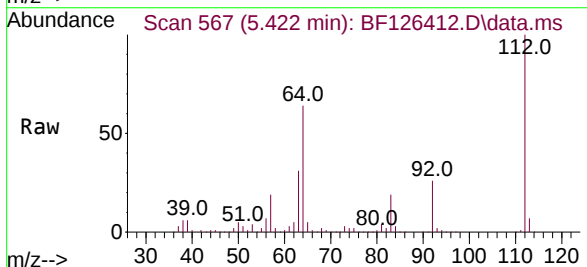
Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

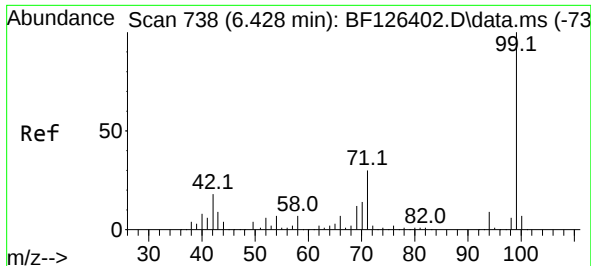
Tgt Ion:152 Resp: 145238
 Ion Ratio Lower Upper
 152 100
 150 156.0 128.1 192.1
 115 65.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 114.536 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF126412.D
 Acq: 30 Dec 2021 11:03

Tgt Ion:112 Resp: 1158380
 Ion Ratio Lower Upper
 112 100
 64 64.3 49.5 74.3
 63 31.2 23.9 35.9

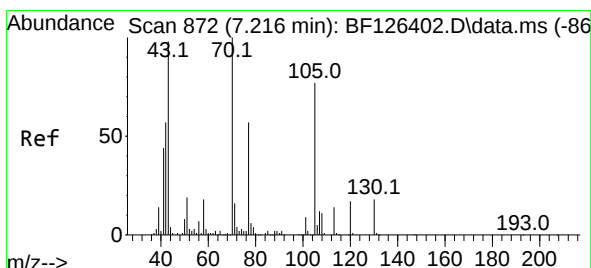
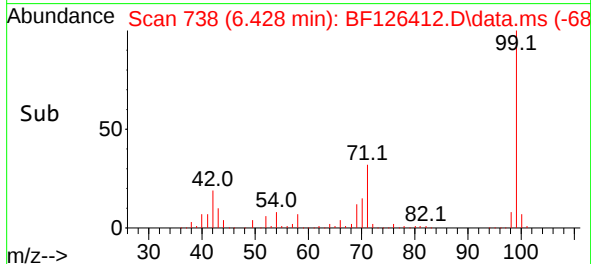
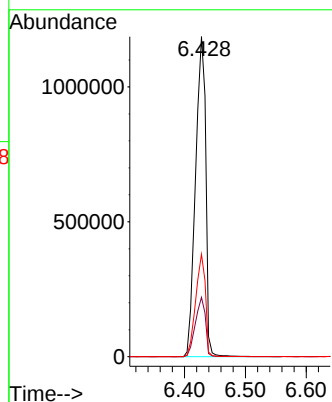
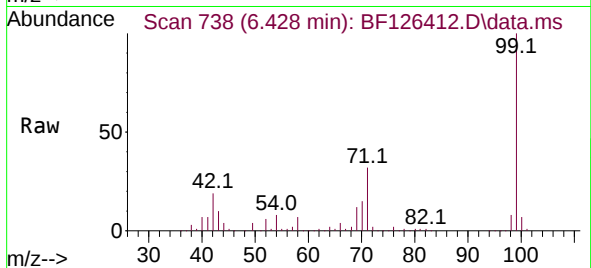




#7
Phenol-d6
Concen: 105.572 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

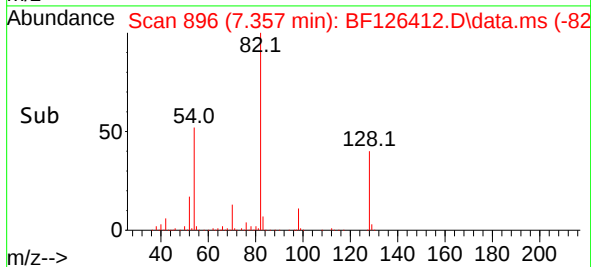
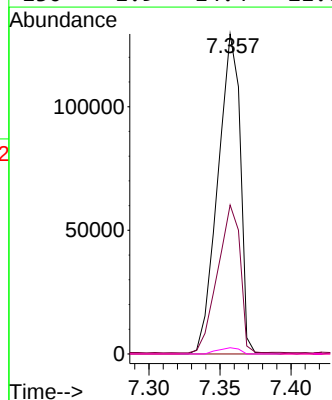
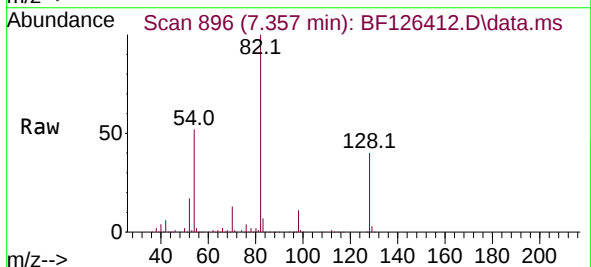
Instrument :
BNA_F
ClientSampleId :
TP-1S

Tgt Ion: 99 Resp: 1382917
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 32.0 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.967 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

Tgt Ion: 70 Resp: 141776
Ion Ratio Lower Upper
70 100
42 46.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

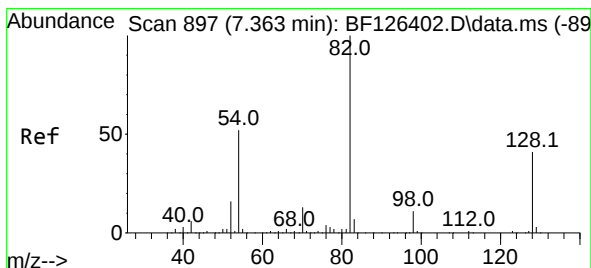
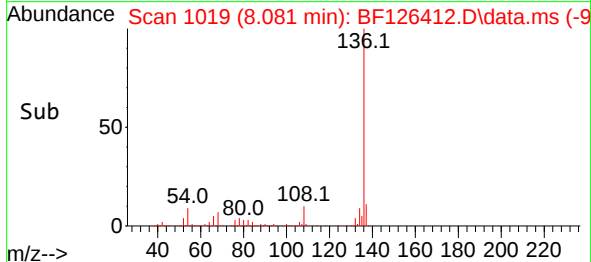
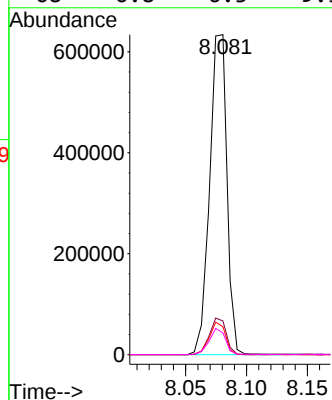
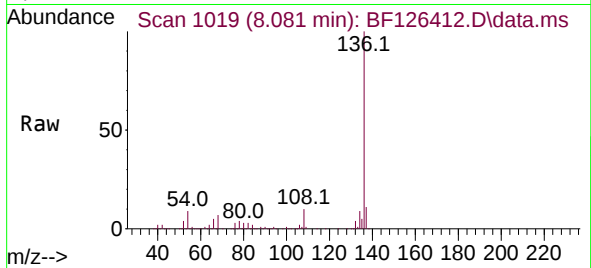




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

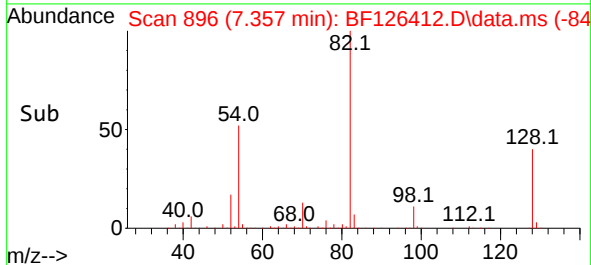
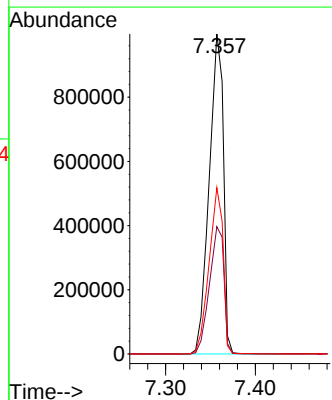
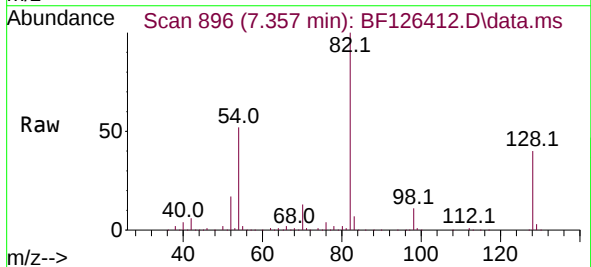
Instrument :
BNA_F
ClientSampleId :
TP-1S

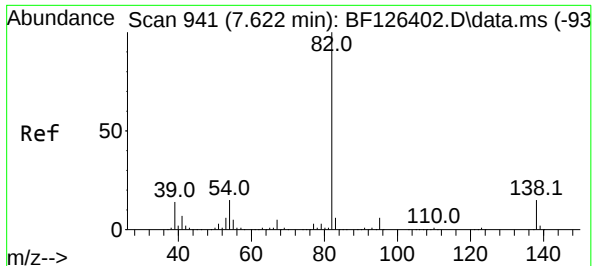
Tgt Ion:136 Resp: 627215
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 7.8 11.6
68 6.8 6.3 9.5



#23
Nitrobenzene-d5
Concen: 89.529 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

Tgt Ion: 82 Resp: 1093632
Ion Ratio Lower Upper
82 100
128 39.8 32.7 49.1
54 52.0 41.7 62.5

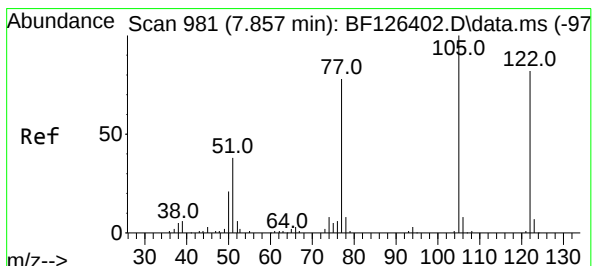
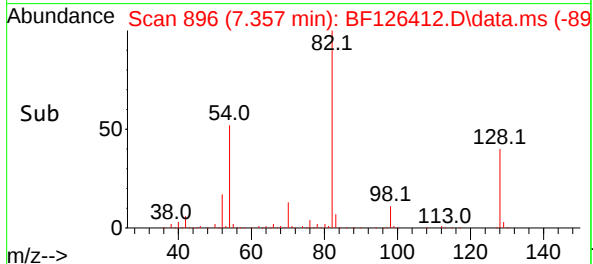
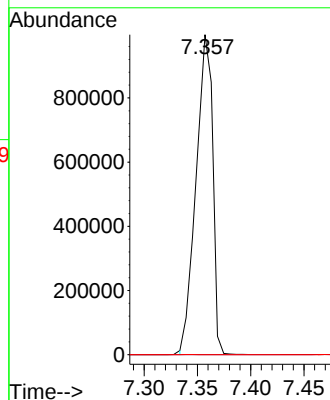
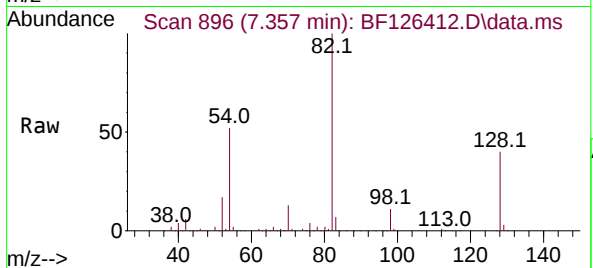




#25
Isophorone
Concen: 49.682 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

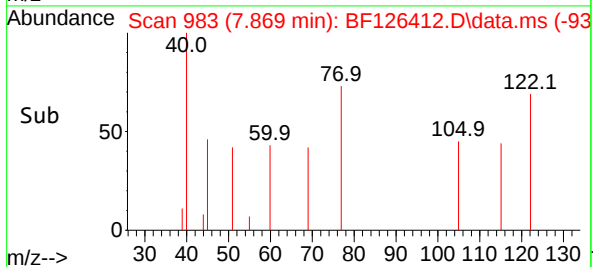
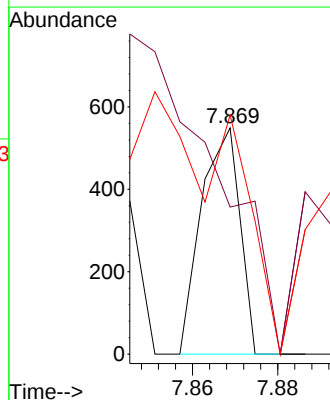
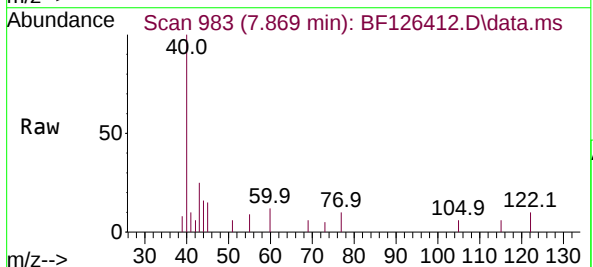
Instrument :
BNA_F
ClientSampleId :
TP-1S

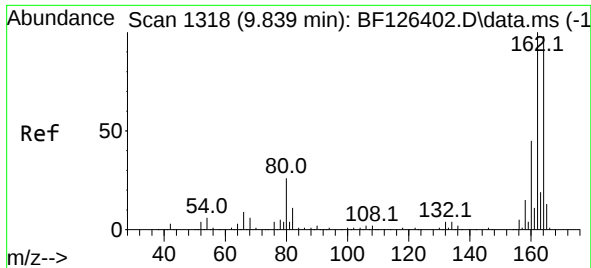
Tgt Ion: 82 Resp: 1086404
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.124 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

Tgt Ion: 122 Resp: 344
Ion Ratio Lower Upper
122 100
105 65.0 101.0 141.0#
77 105.6 74.5 114.5

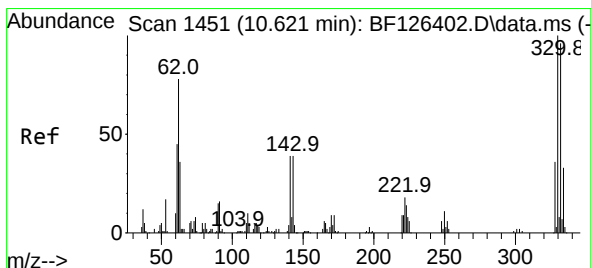
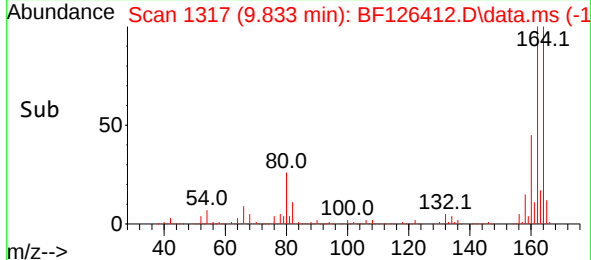
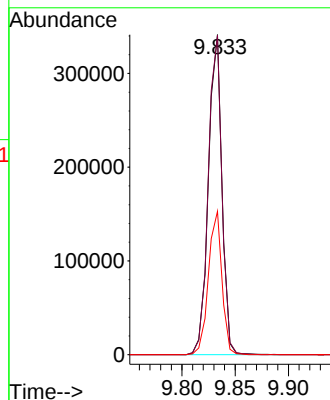
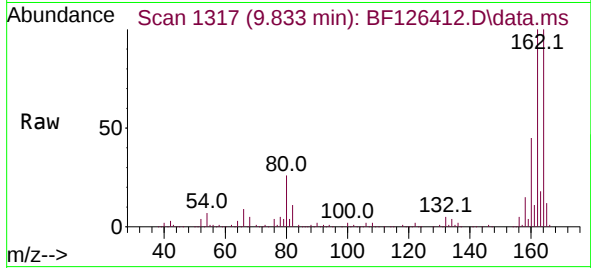




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

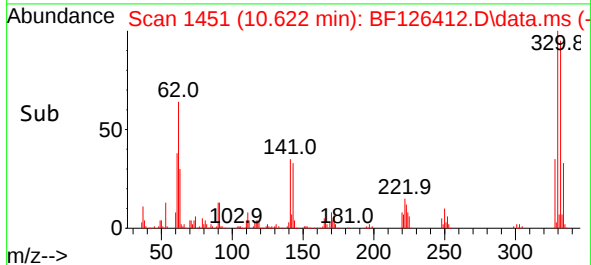
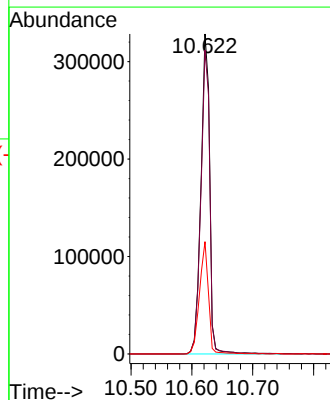
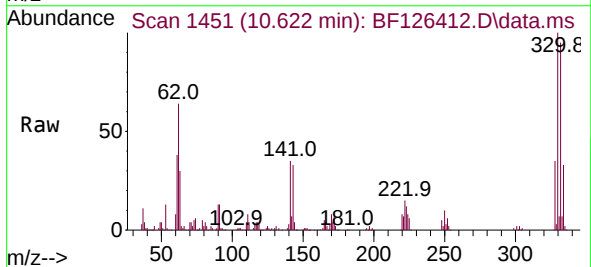
Instrument :
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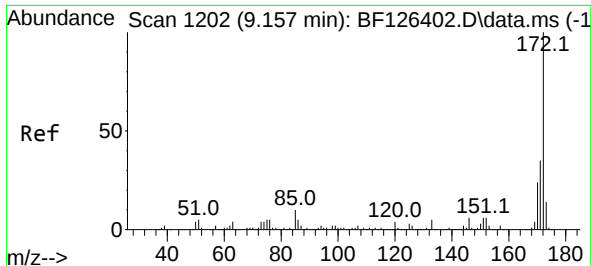
Tgt Ion:164 Resp: 302305
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 44.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 140.976 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

Tgt Ion:330 Resp: 329327
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 35.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 78.595 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126412.D

Acq: 30 Dec 2021 11:03

Instrument :

BNA_F

ClientSampleId :

TP-1S

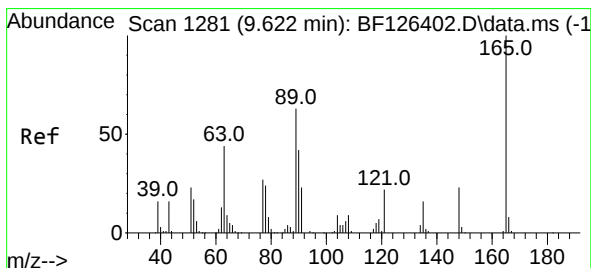
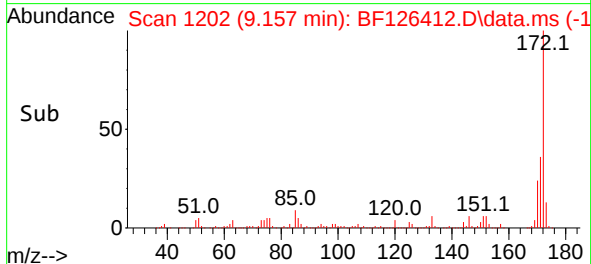
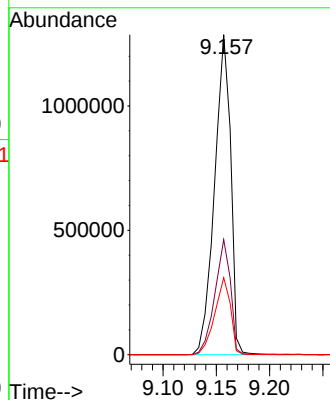
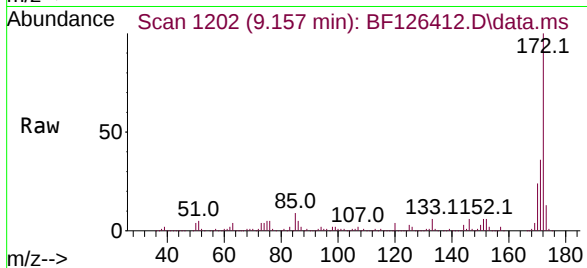
Tgt Ion:172 Resp: 1350185

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 24.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.427 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126412.D

Acq: 30 Dec 2021 11:03

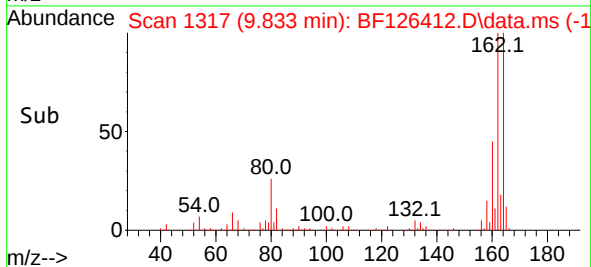
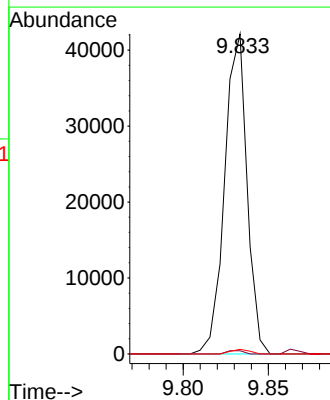
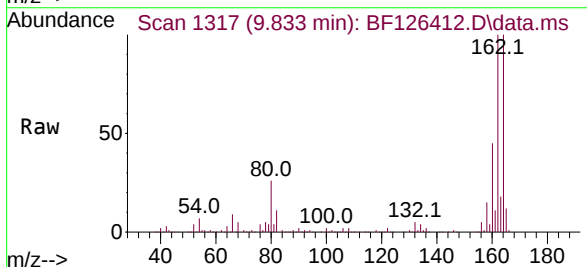
Tgt Ion:165 Resp: 38421

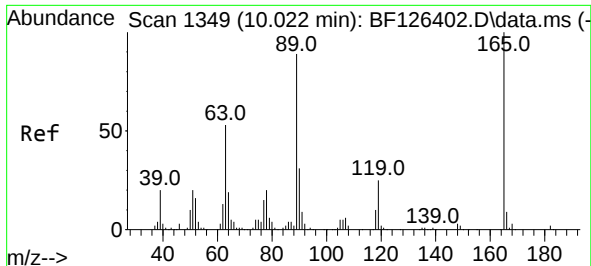
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.5 50.5 75.7#

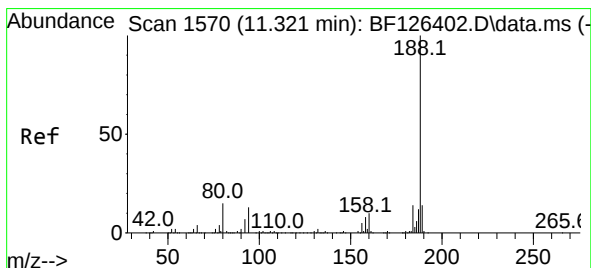
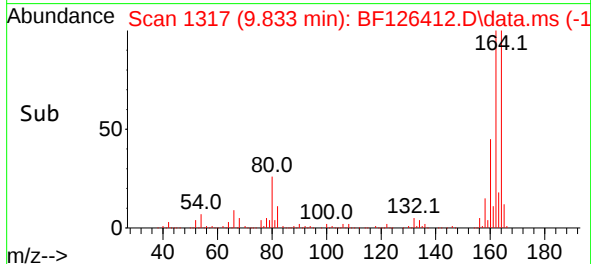
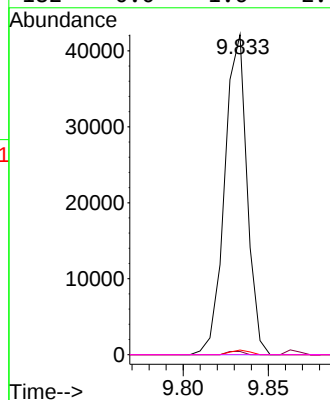
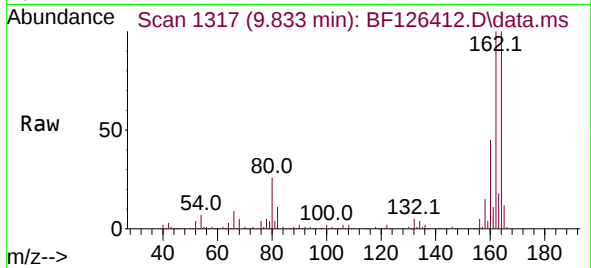




#57
2,4-Dinitrotoluene
Concen: 7.307 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

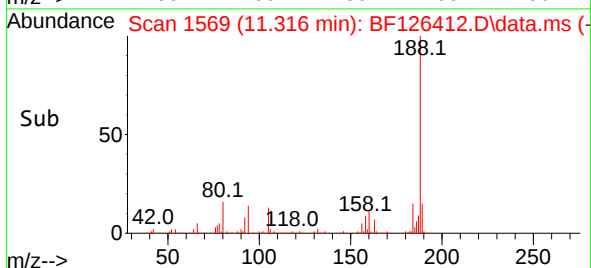
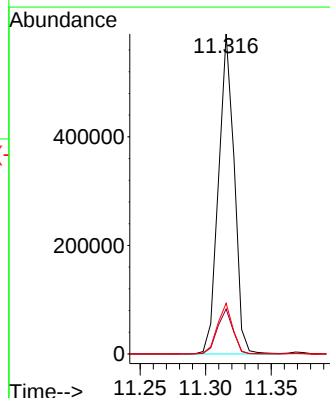
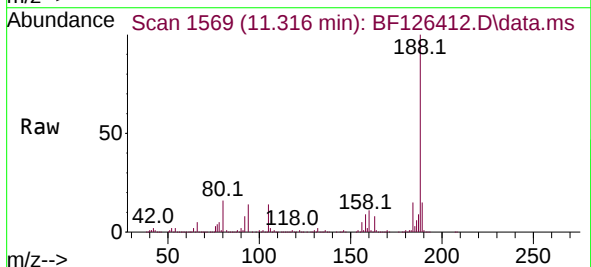
Instrument :
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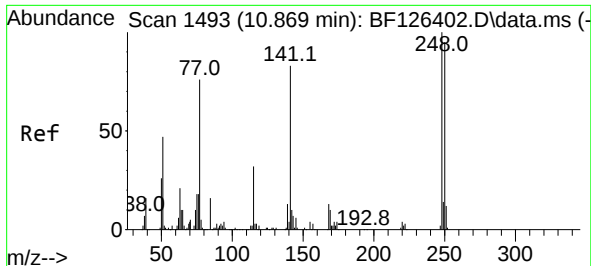
Tgt Ion:165 Resp: 38421
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

Tgt Ion:188 Resp: 489990
Ion Ratio Lower Upper
188 100
94 14.0 10.1 15.1
80 15.9 11.8 17.6

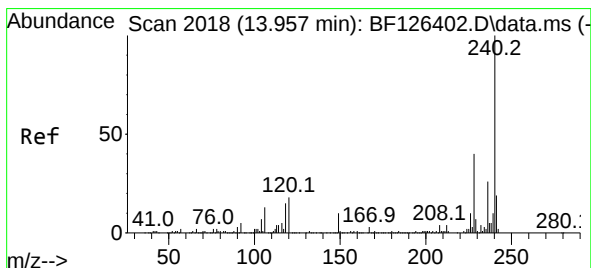
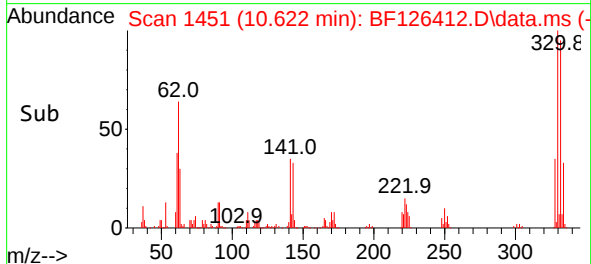
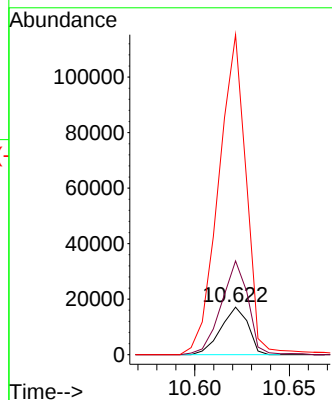
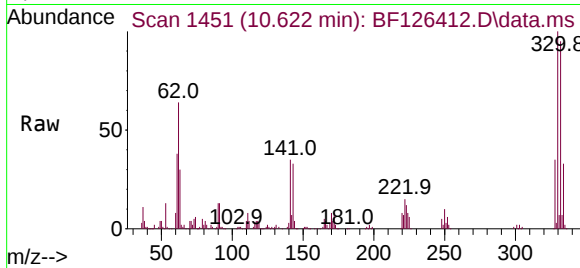




#67
4-Bromophenyl-phenylether
Concen: 3.949 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

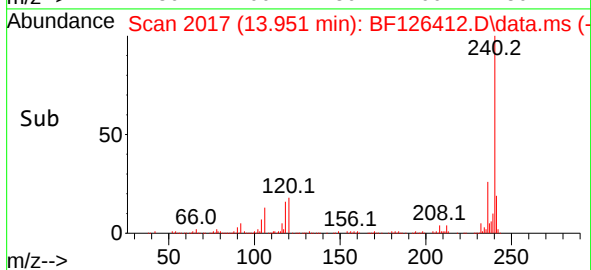
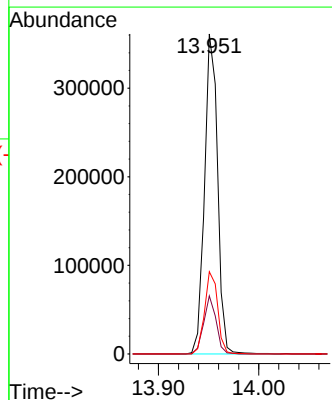
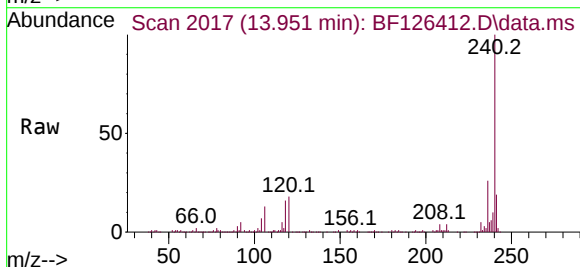
Instrument :
BNA_F
ClientSampleId :
TP-1S

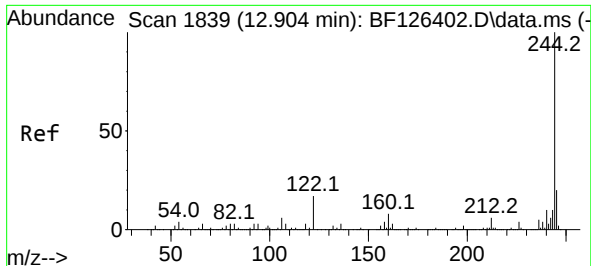
Tgt Ion:248 Resp: 17174
Ion Ratio Lower Upper
248 100
250 197.3 76.2 114.4#
141 673.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF126412.D
Acq: 30 Dec 2021 11:03

Tgt Ion:240 Resp: 327907
Ion Ratio Lower Upper
240 100
120 18.1 14.4 21.6
236 25.7 20.5 30.7

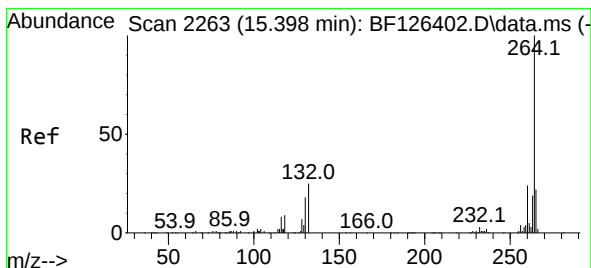
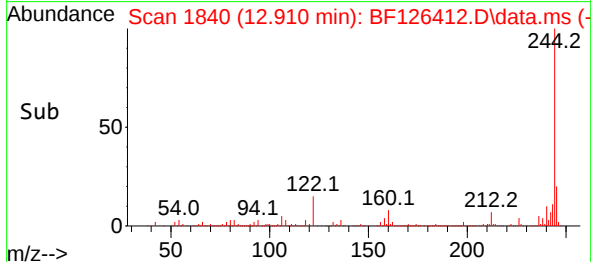
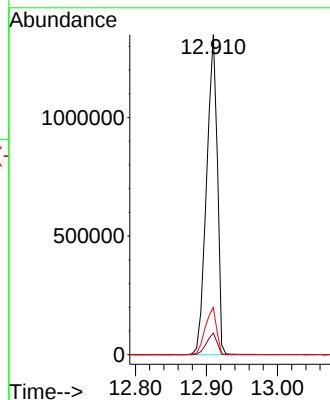
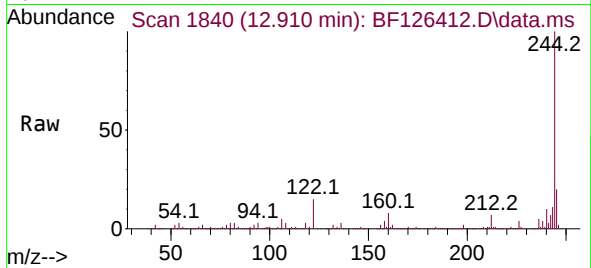




#79
 Terphenyl-d14
 Concen: 84.136 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF126412.D
 Acq: 30 Dec 2021 11:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Tgt Ion:244 Resp: 1419949
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 14.7 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: BF126412.D
 Acq: 30 Dec 2021 11:03

Tgt Ion:264 Resp: 226402
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 17.4 26.2

