

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126420.D
 Acq On : 30 Dec 2021 15:19
 Operator : JU/CG
 Sample : M5237-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Quant Time: Dec 30 15:44:52 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)

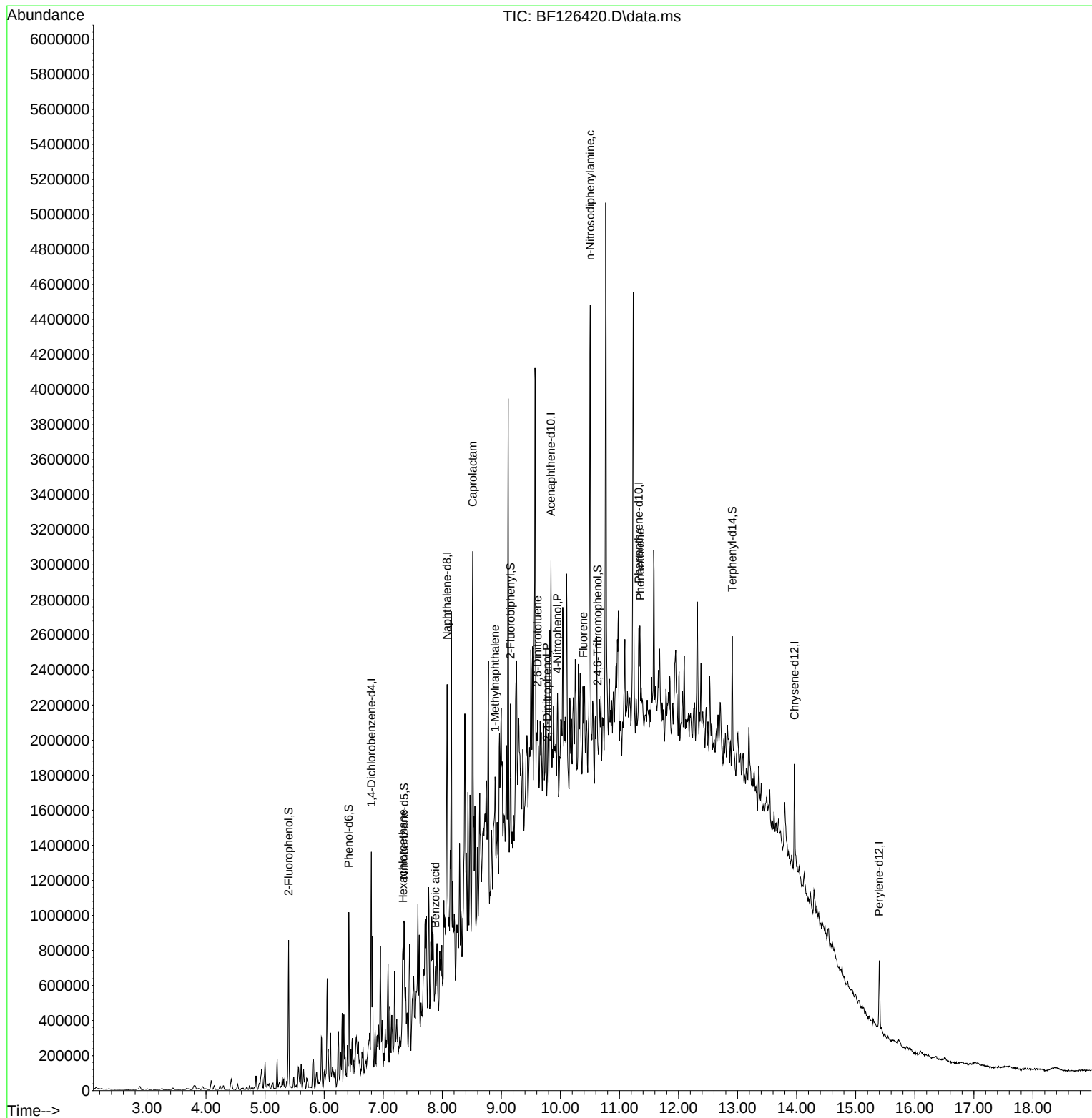
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152928	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	549913	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	193406	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	276235	20.000	ng	0.00
76) Chrysene-d12	13.963	240	203850	20.000	ng	0.00
86) Perylene-d12	15.398	264	163639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	207450	19.480	ng	0.00
7) Phenol-d6	6.416	99	286920	20.802	ng	-0.01
23) Nitrobenzene-d5	7.357	82	202950	18.950	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	17853	11.946	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	222254	20.222	ng	0.00
79) Terphenyl-d14	12.910	244	148244	14.129	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.334	117	19869	4.708	ng	# 1
32) Benzoic acid	7.881	122	5849	8.001	ng	# 29
35) Caprolactam	8.516	113	45828	26.557	ng	# 39
38) 1-Methylnaphthalene	8.892	142	109063	7.367	ng	# 96
51) 2,6-Dinitrotoluene	9.610	165	7958	3.052	ng	# 67
54) 2,4-Dinitrophenol	9.775	184	383	4.276	ng	# 1
56) 4-Nitrophenol	9.945	139	9945	3.911	ng	# 1
58) Fluorene	10.386	166	27816	2.724	ng	# 85
66) n-Nitrosodiphenylamine	10.504	169	50192	5.857	ng	# 46
71) Phenanthrene	11.351	178	95897	6.790	ng	# 91
77) Benzidine	12.633	184	1697	Below Cal		# 1

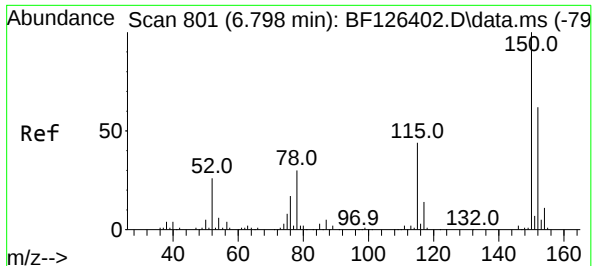
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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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

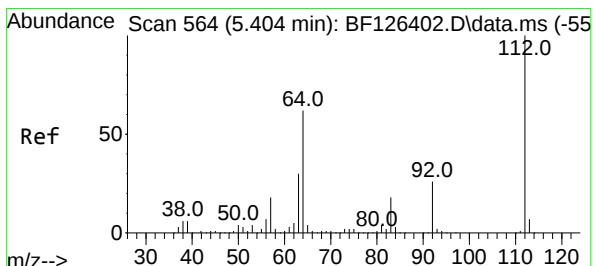
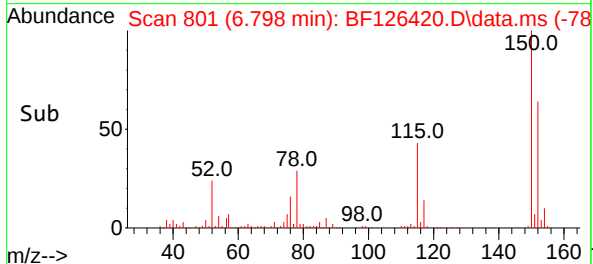
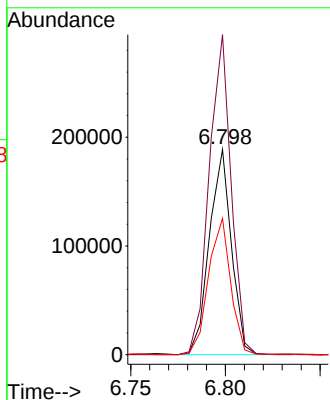
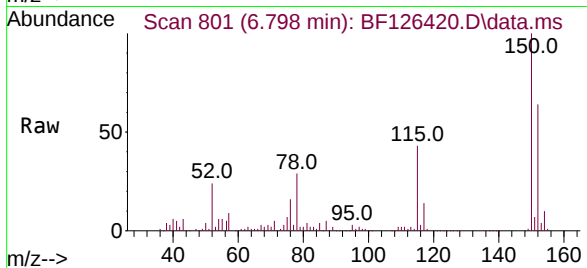




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

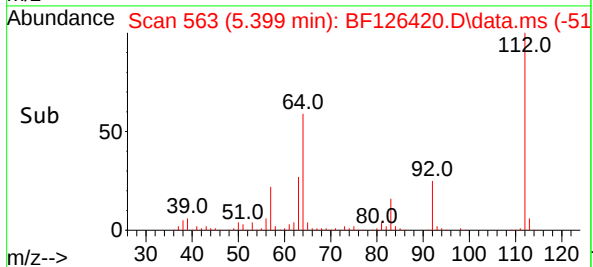
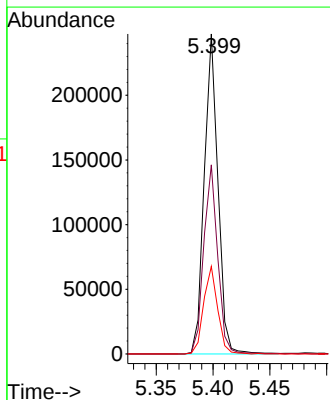
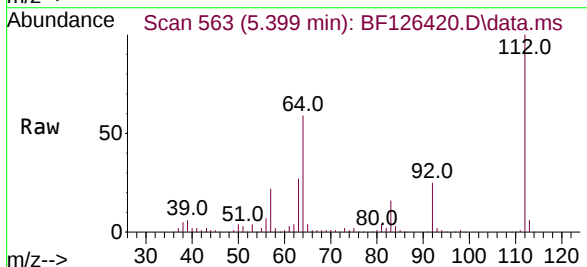
Instrument :
BNA_F
ClientSampleId :
TP-1S

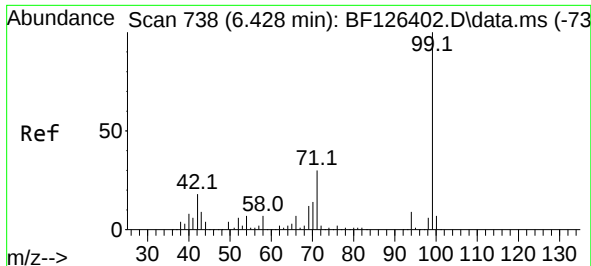
Tgt Ion:152 Resp: 152928
Ion Ratio Lower Upper
152 100
150 155.8 128.1 192.1
115 66.4 56.7 85.1



#5
2-Fluorophenol
Concen: 19.480 ng
RT: 5.399 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:112 Resp: 207450
Ion Ratio Lower Upper
112 100
64 59.1 49.5 74.3
63 27.4 23.9 35.9

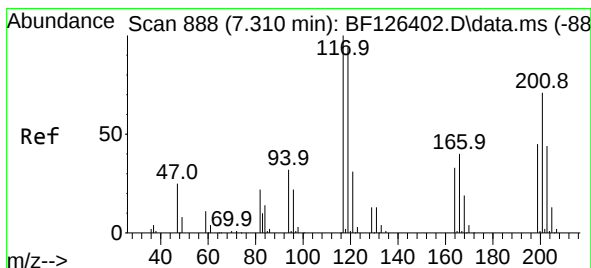
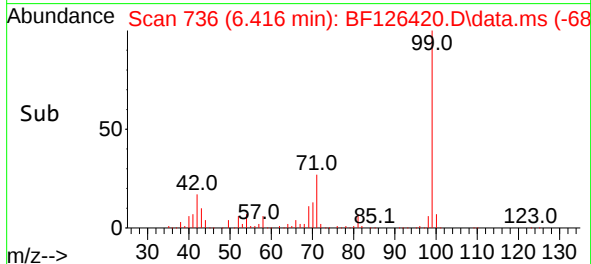
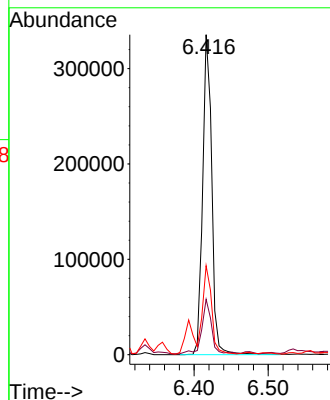
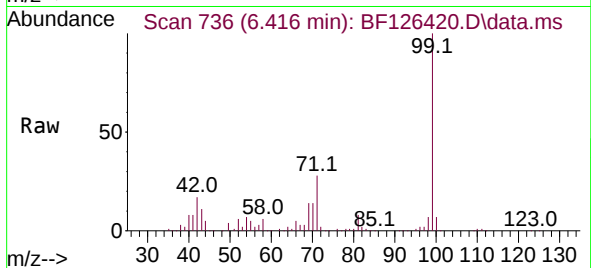




#7
Phenol-d6
Concen: 20.802 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

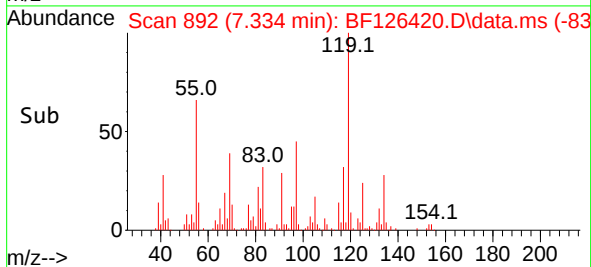
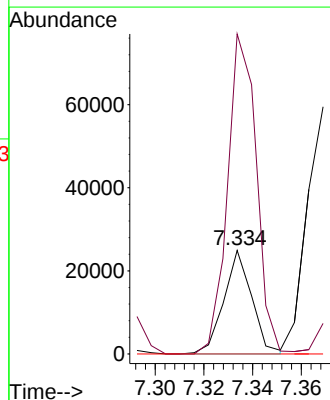
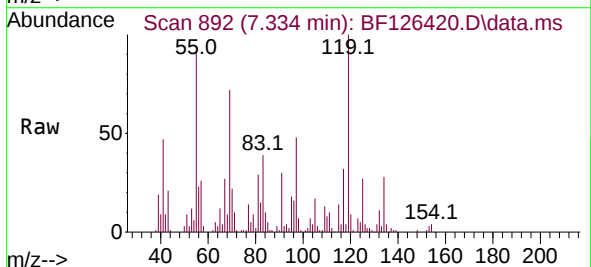
Instrument :
BNA_F
ClientSampleId :
TP-1S

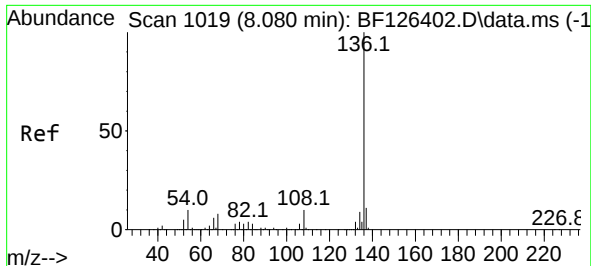
Tgt Ion: 99 Resp: 286920
Ion Ratio Lower Upper
99 100
42 17.3 14.2 21.4
71 27.8 24.3 36.5



#18
Hexachloroethane
Concen: 4.708 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.024 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion: 117 Resp: 19869
Ion Ratio Lower Upper
117 100
119 309.0 75.4 113.0#
201 0.0 56.8 85.2#



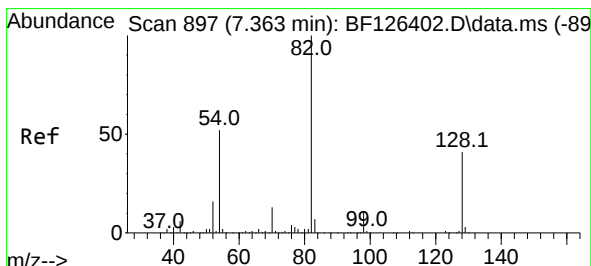
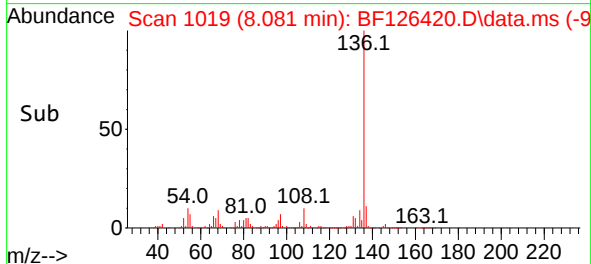
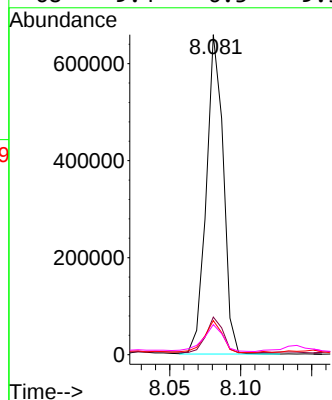
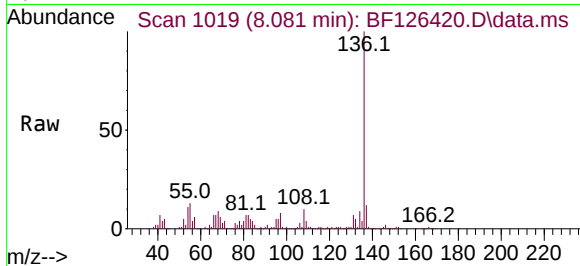


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Instrument :
BNA_F
ClientSampleId :
TP-1S

Tgt Ion:136 Resp: 549913

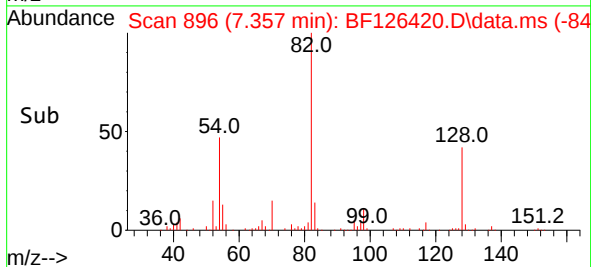
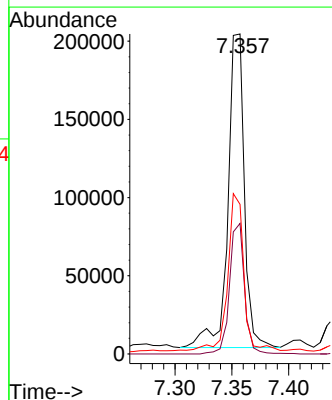
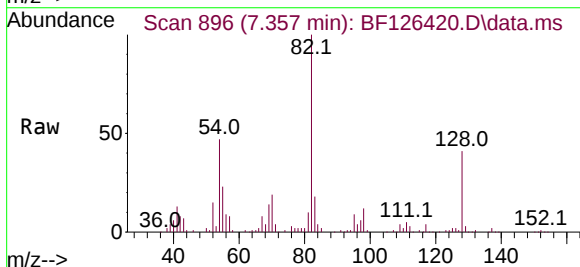
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	10.7	7.8	11.6
68	9.4	6.3	9.5

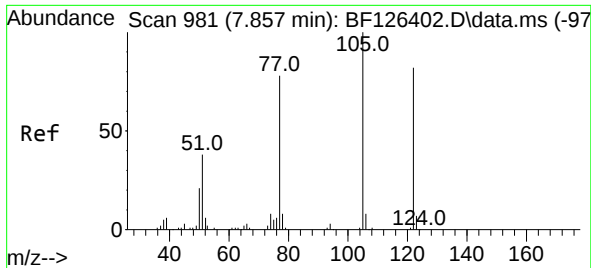


#23
Nitrobenzene-d5
Concen: 18.950 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion: 82 Resp: 202950

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.7	49.1
54	46.7	41.7	62.5

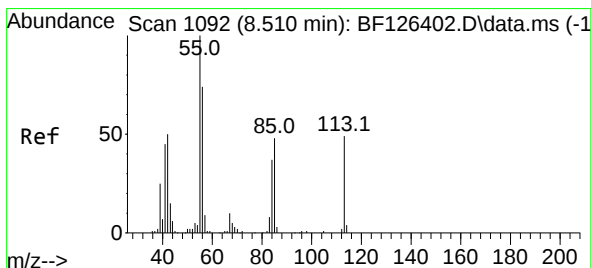
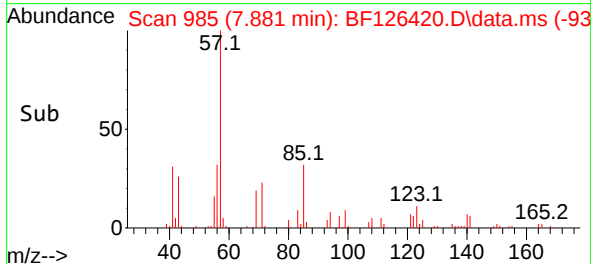
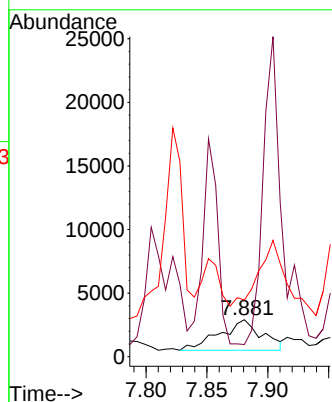
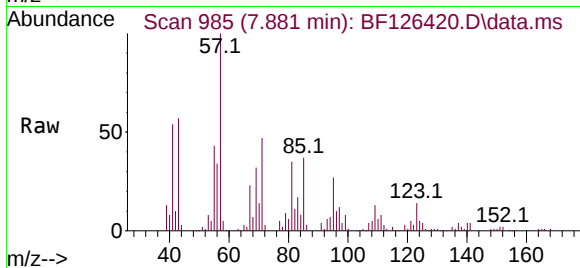




#32
Benzoic acid
Concen: 8.001 ng
RT: 7.881 min Scan# 981
Delta R.T. 0.024 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

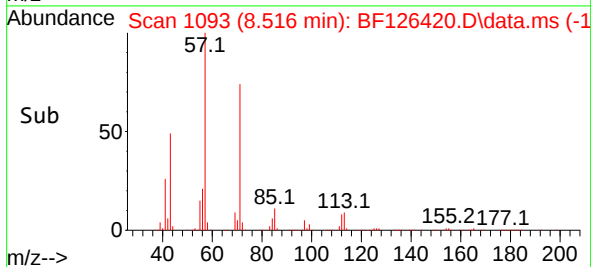
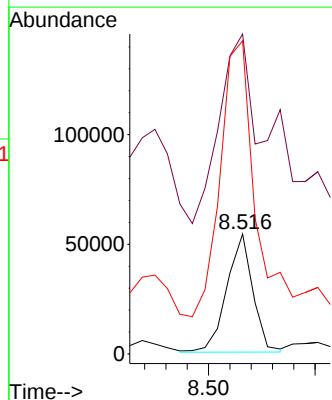
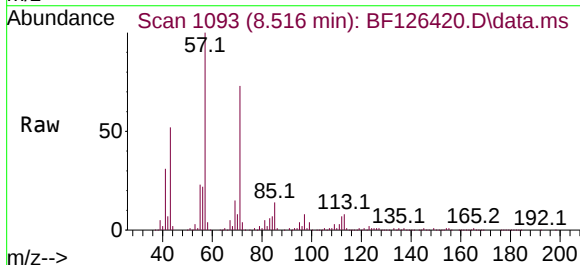
Instrument :
BNA_F
ClientSampleId :
TP-1S

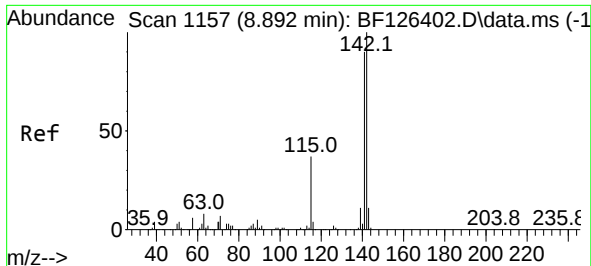
Tgt Ion:122 Resp: 5849
Ion Ratio Lower Upper
122 100
105 32.7 101.0 141.0#
77 153.5 74.5 114.5#



#35
Caprolactam
Concen: 26.557 ng
RT: 8.516 min Scan# 1093
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:113 Resp: 45828
Ion Ratio Lower Upper
113 100
55 266.6 183.9 223.9#
56 260.9 129.9 169.9#

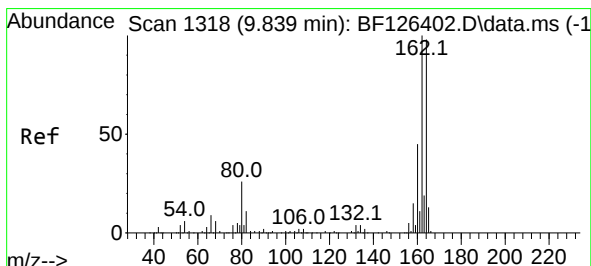
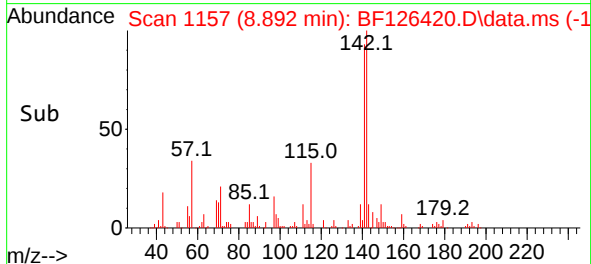
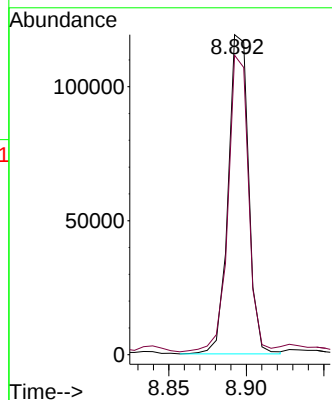
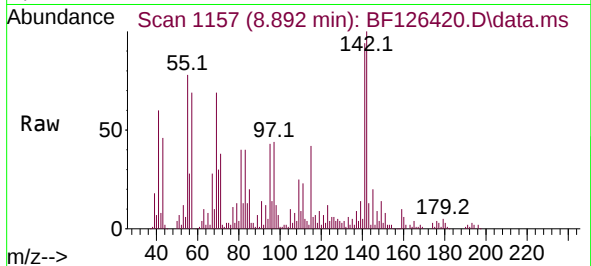




#38
1-Methylnaphthalene
Concen: 7.367 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

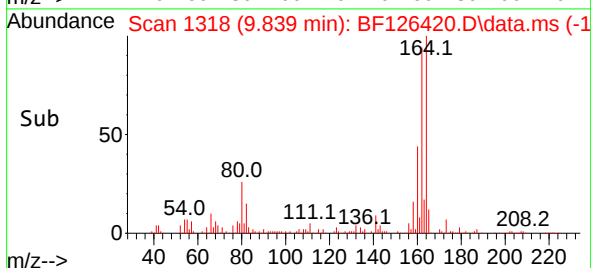
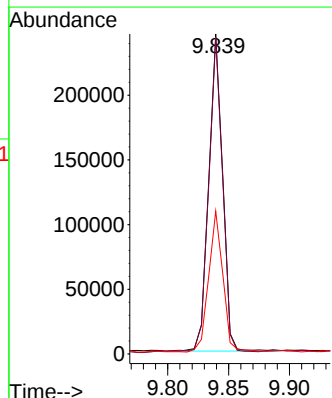
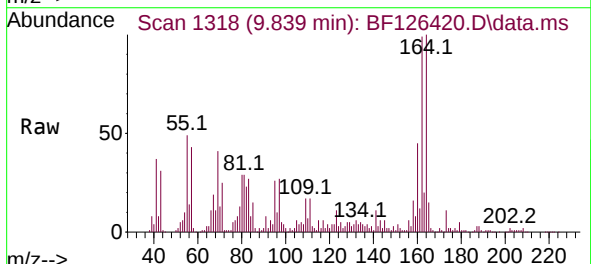
Instrument :
BNA_F
ClientSampleId :
TP-1S

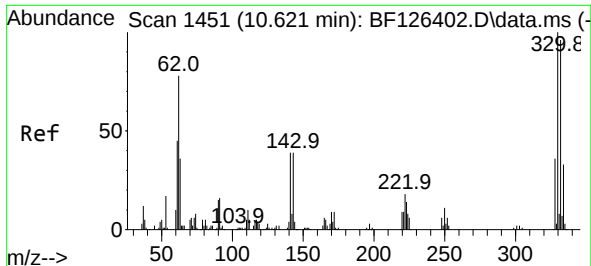
Tgt Ion:142 Resp: 109063
Ion Ratio Lower Upper
142 100
141 93.6 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:164 Resp: 193406
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 11.946 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF126420.D

Acq: 30 Dec 2021 15:19

Instrument :

BNA_F

ClientSampleId :

TP-1S

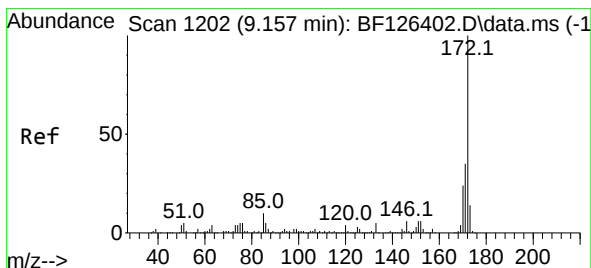
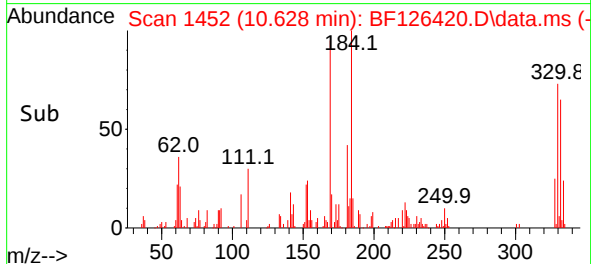
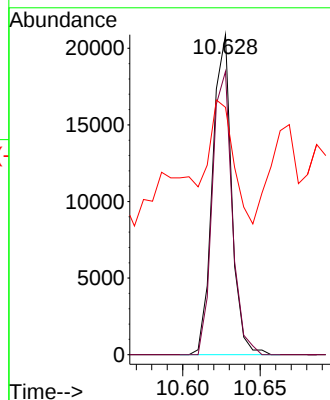
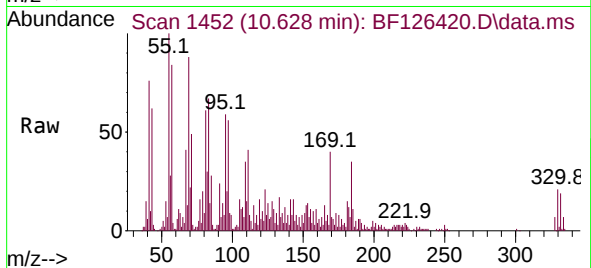
Tgt Ion:330 Resp: 17853

Ion Ratio Lower Upper

330 100

332 92.0 76.0 114.0

141 48.2 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 20.222 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF126420.D

Acq: 30 Dec 2021 15:19

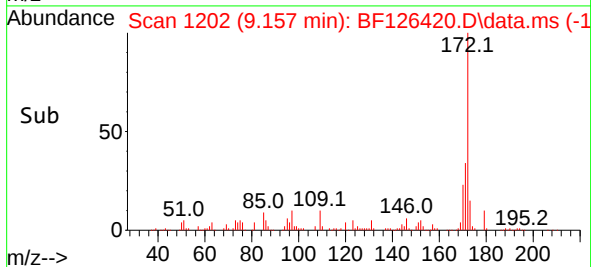
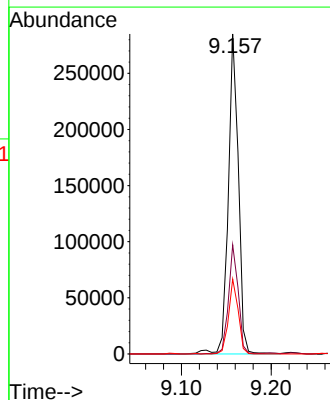
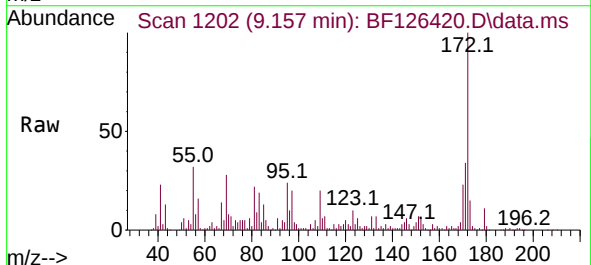
Tgt Ion:172 Resp: 222254

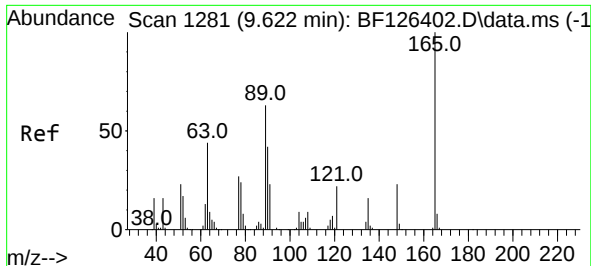
Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 3.052 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF126420.D

Acq: 30 Dec 2021 15:19

Instrument :

BNA_F

ClientSampleId :

TP-1S

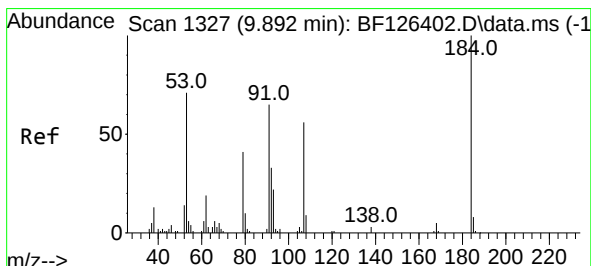
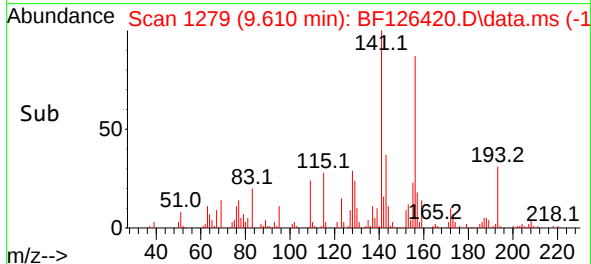
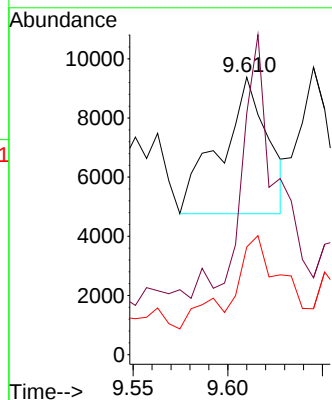
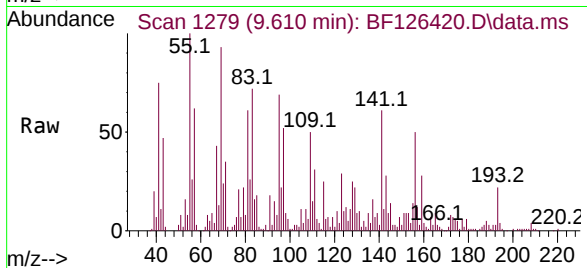
Tgt Ion:165 Resp: 7958

Ion Ratio Lower Upper

165 100

63 87.0 48.4 72.6#

89 38.8 50.5 75.7#



#54

2,4-Dinitrophenol

Concen: 4.276 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.117 min

Lab File: BF126420.D

Acq: 30 Dec 2021 15:19

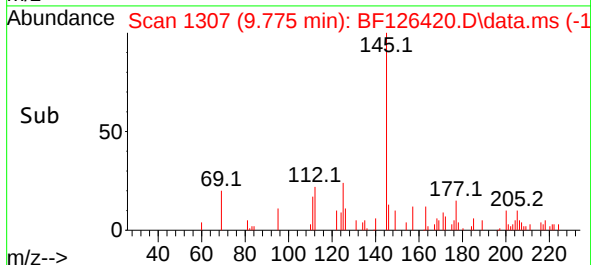
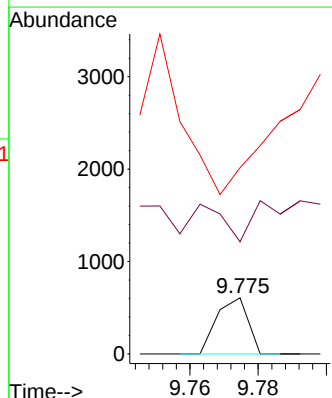
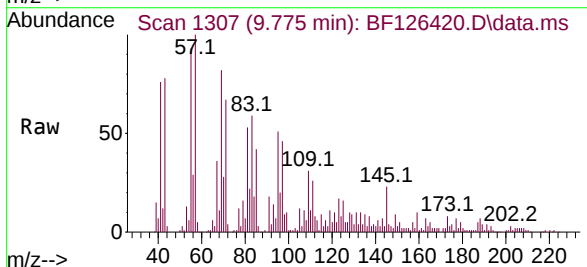
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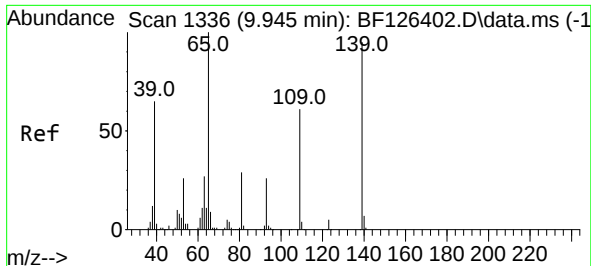
Ion Ratio Lower Upper

184 100

63 199.5 70.4 105.6#

154 331.4 49.7 74.5#

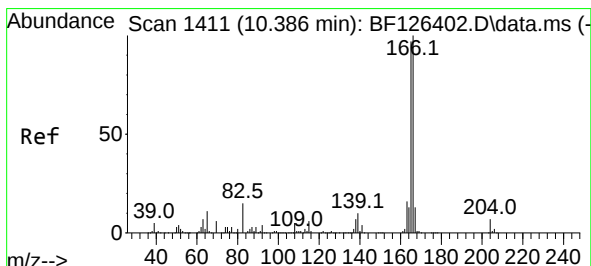
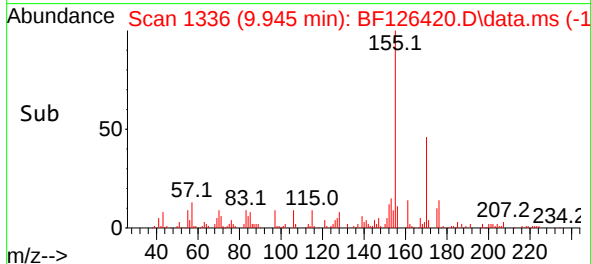
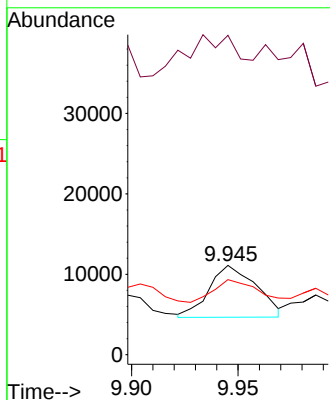
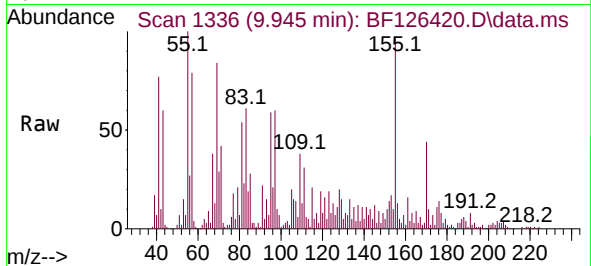




#56
4-Nitrophenol
Concen: 3.911 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

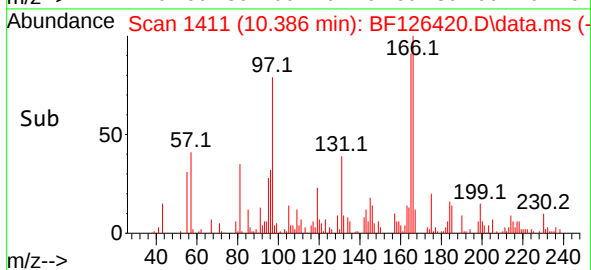
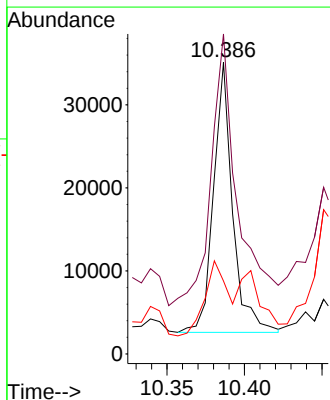
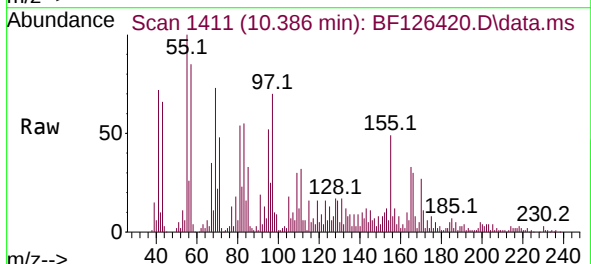
Instrument :
BNA_F
ClientSampleId :
TP-1S

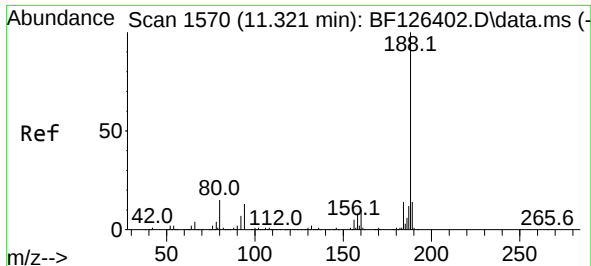
Tgt Ion:139 Resp: 9945
Ion Ratio Lower Upper
139 100
109 357.8 44.1 84.1#
65 84.0 85.5 125.5#



#58
Fluorene
Concen: 2.724 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:166 Resp: 27816
Ion Ratio Lower Upper
166 100
165 109.7 77.7 116.5
167 25.0 10.7 16.1#

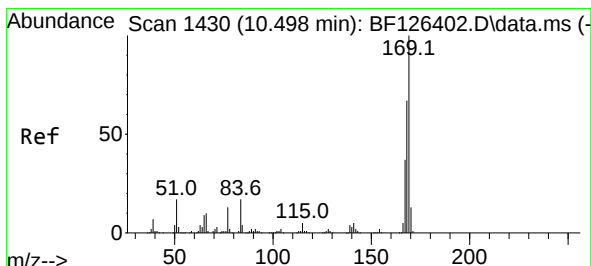
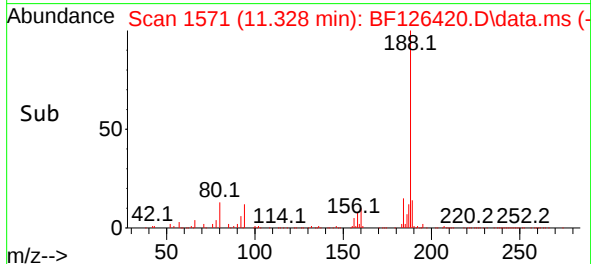
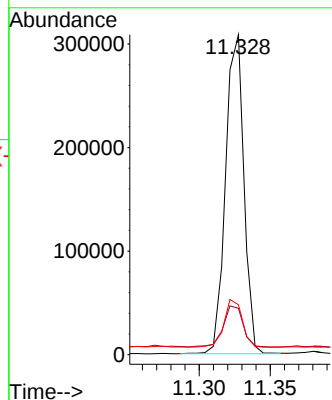
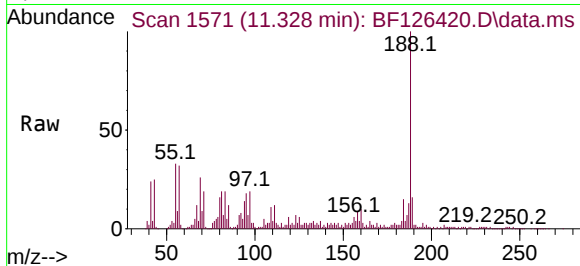




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

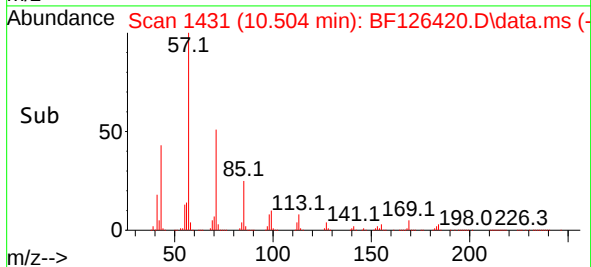
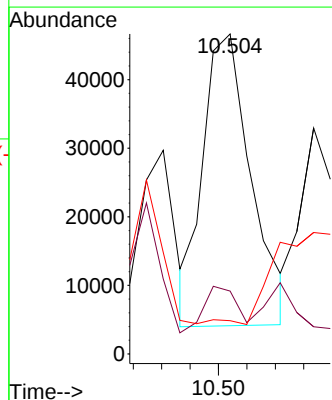
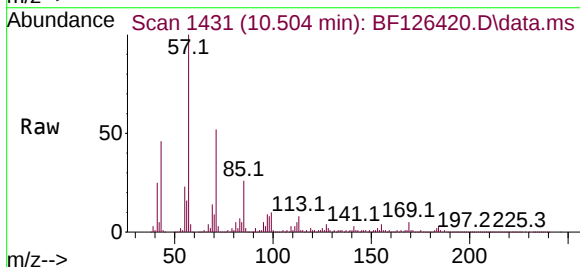
Instrument :
BNA_F
ClientSampleId :
TP-1S

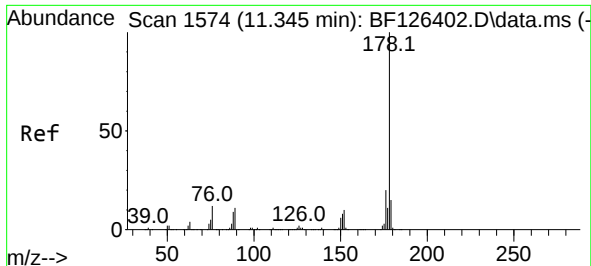
Tgt Ion:188 Resp: 276235
Ion Ratio Lower Upper
188 100
94 14.5 10.1 15.1
80 15.6 11.8 17.6



#66
n-Nitrosodiphenylamine
Concen: 5.857 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:169 Resp: 50192
Ion Ratio Lower Upper
169 100
168 19.6 53.4 80.0#
167 10.4 29.4 44.0#

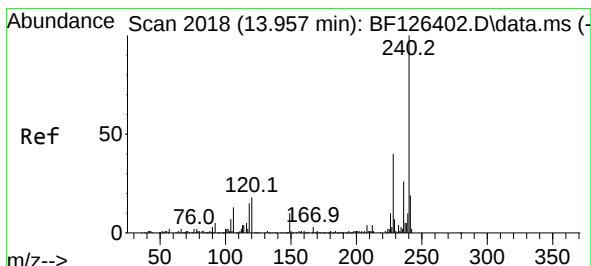
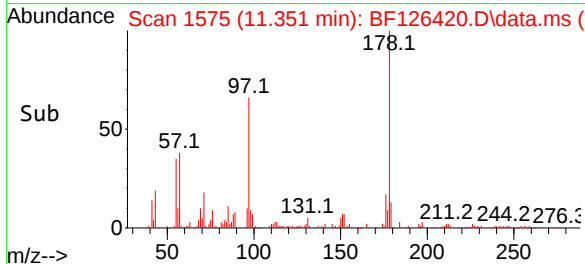
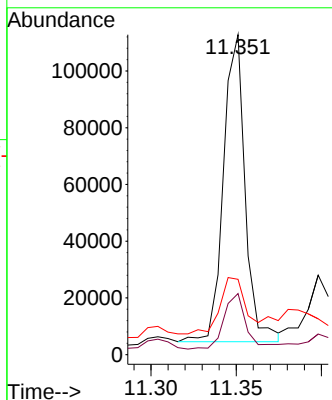
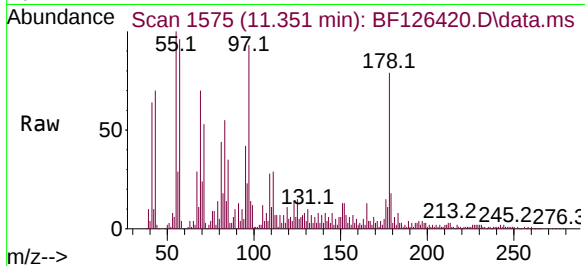




#71
Phenanthrene
Concen: 6.790 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

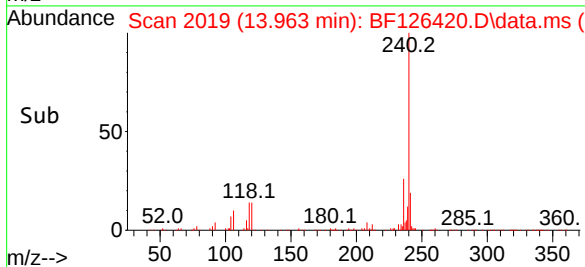
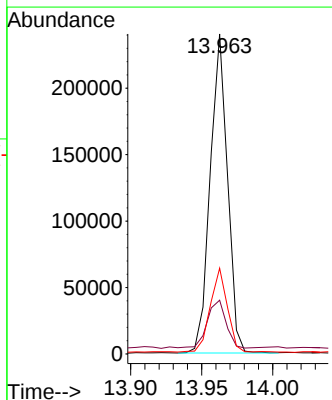
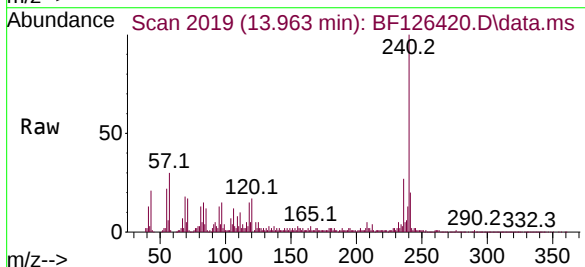
Instrument :
BNA_F
ClientSampleId :
TP-1S

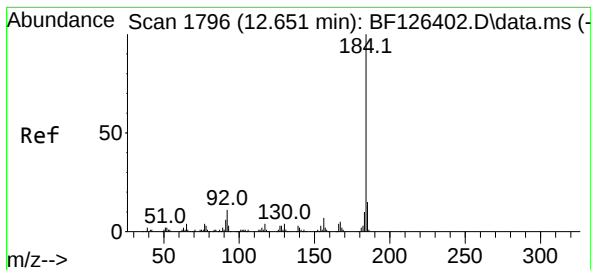
Tgt Ion:178 Resp: 95897
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 23.6 12.3 18.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:240 Resp: 203850
Ion Ratio Lower Upper
240 100
120 16.8 14.4 21.6
236 26.8 20.5 30.7





#77

Benzidine

Concen: Below Cal

RT: 12.633 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF126420.D

Acq: 30 Dec 2021 15:19

Instrument :

BNA_F

ClientSampleId :

TP-1S

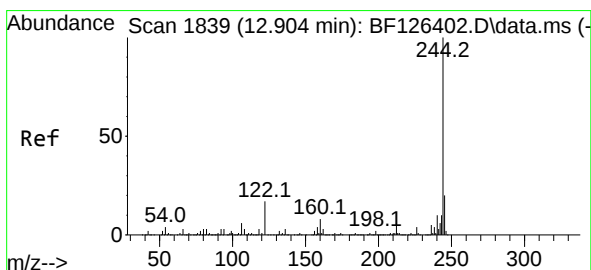
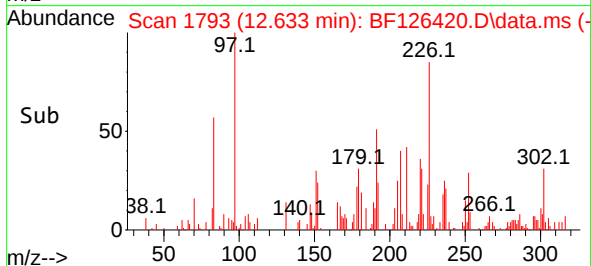
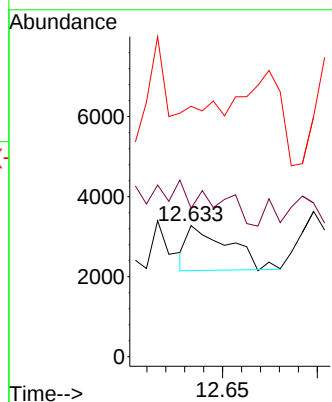
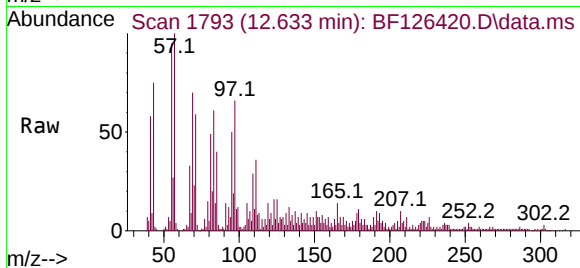
Tgt Ion:184 Resp: 1697

Ion Ratio Lower Upper

184 100

185 113.2 11.8 17.8#

183 191.1 8.2 12.2#



#79

Terphenyl-d14

Concen: 14.129 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF126420.D

Acq: 30 Dec 2021 15:19

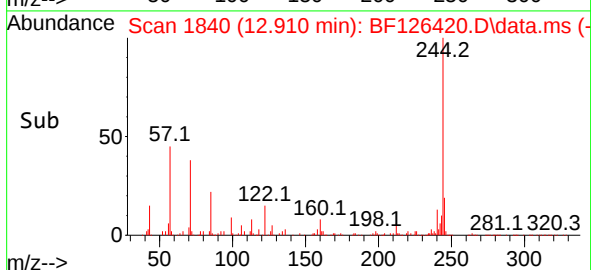
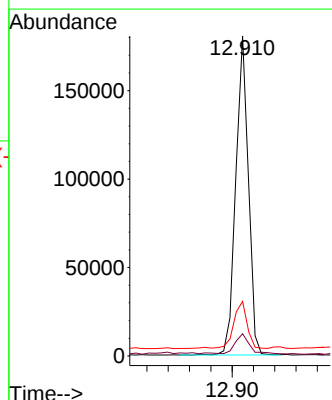
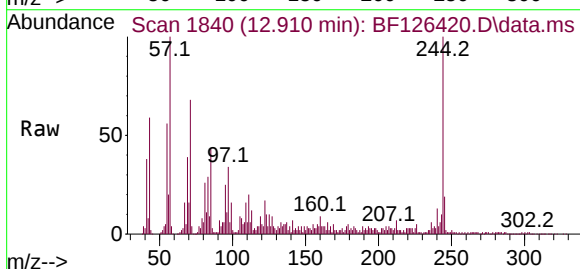
Tgt Ion:244 Resp: 148244

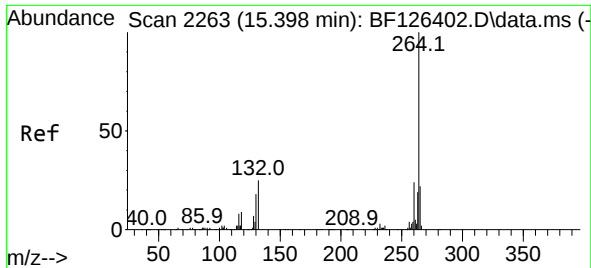
Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 17.1 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Instrument :
BNA_F
ClientSampleId :
TP-1S

Tgt Ion:264 Resp: 163639
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.2 17.4 26.2

