

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126361.D
 Acq On : 27 Dec 2021 18:04
 Operator : JU/CG
 Sample : M5218-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-C2

Quant Time: Dec 27 18:30:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

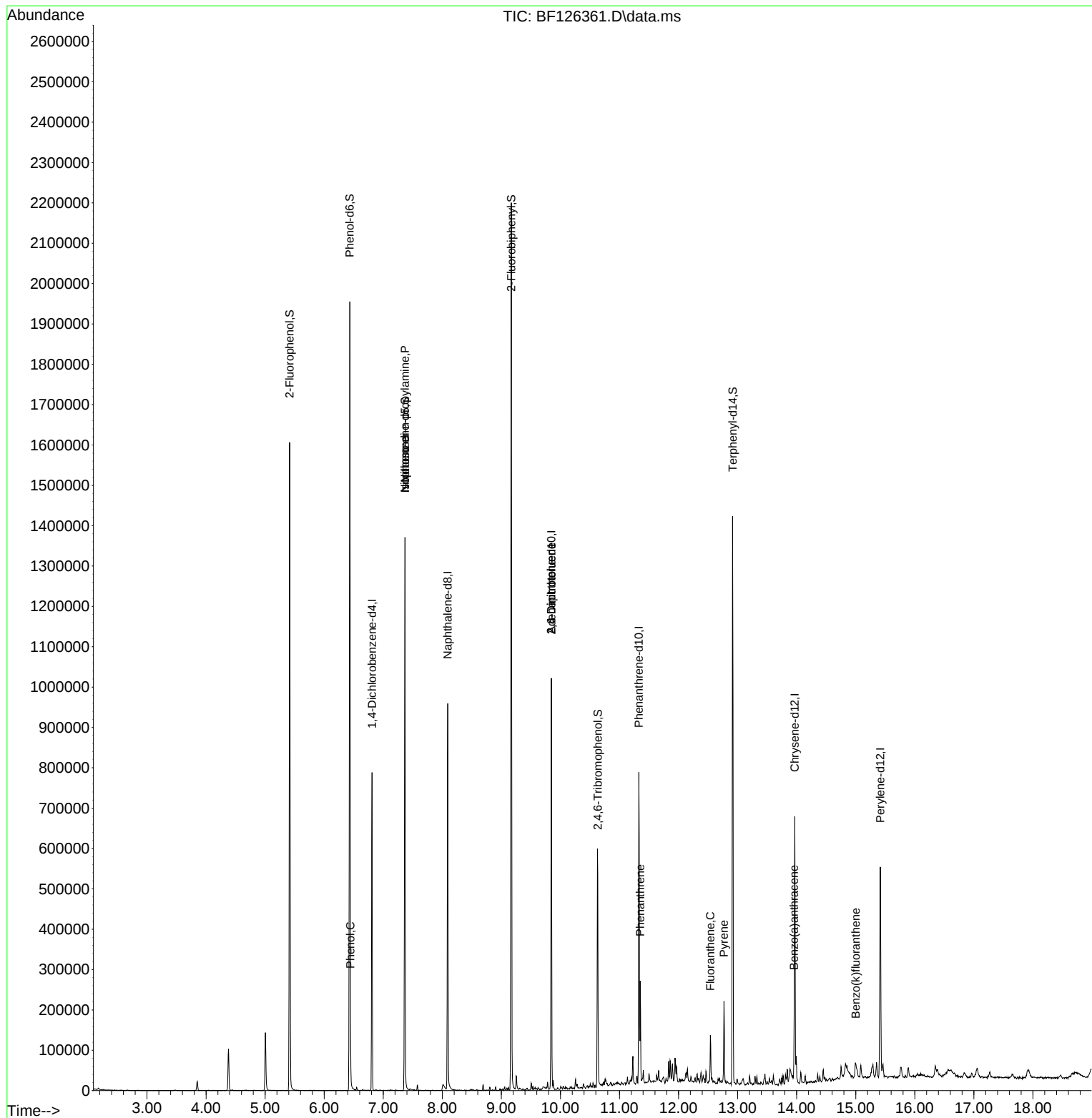
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	107792	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	441449	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	190625	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	265845	20.000	ng	#-0.01
76) Chrysene-d12	13.968	240	192902	20.000	ng	-0.01
86) Perylene-d12	15.415	264	215724	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	449472	61.407	ng	-0.01
7) Phenol-d6	6.434	99	701212	75.448	ng	-0.01
23) Nitrobenzene-d5	7.369	82	429304	52.669	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	74355	48.536	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	653351	60.113	ng	-0.01
79) Terphenyl-d14	12.915	244	440995	39.735	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.445	94	23924	2.293	ng	87
19) n-Nitroso-di-n-propyla...	7.369	70	52998	9.289	ng	# 55
25) Isophorone	7.369	82	429300	27.891	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	24616	9.418	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	24616	7.383	ng	# 19
71) Phenanthrene	11.351	178	83061	6.054	ng	98
75) Fluoranthene	12.539	202	42791	3.461	ng	90
78) Pyrene	12.768	202	73722	4.160	ng	99
81) Benzo(a)anthracene	13.957	228	24384	2.134	ng	97
89) Benzo(k)fluoranthene	14.998	252	25716	2.074	ng	# 90

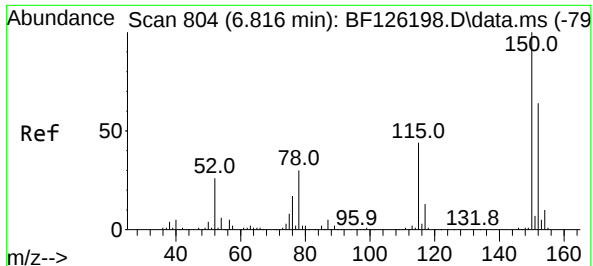
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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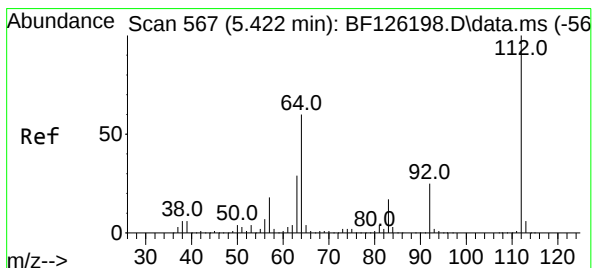
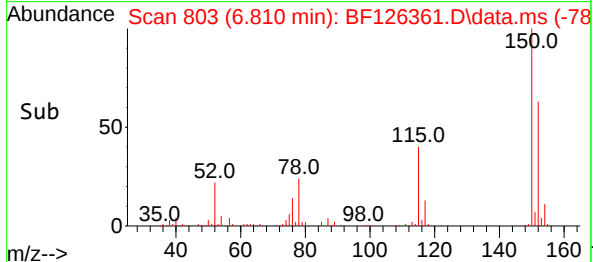
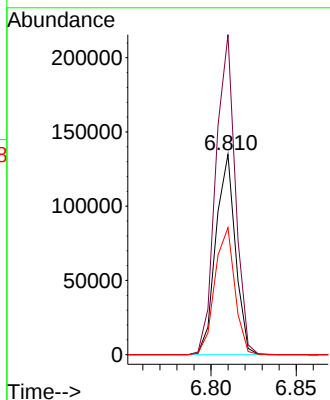
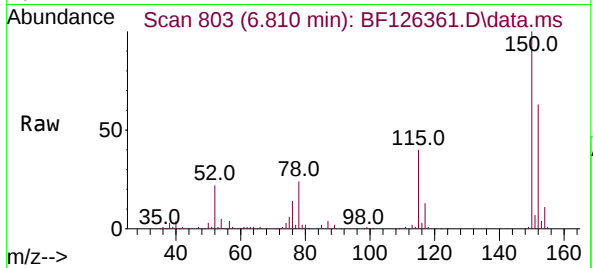




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

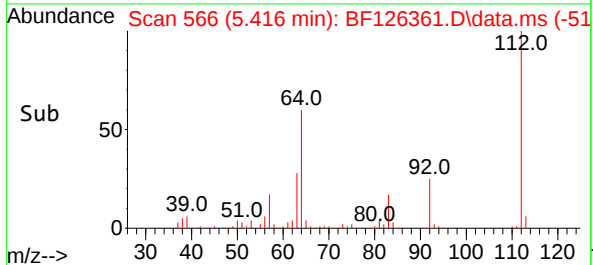
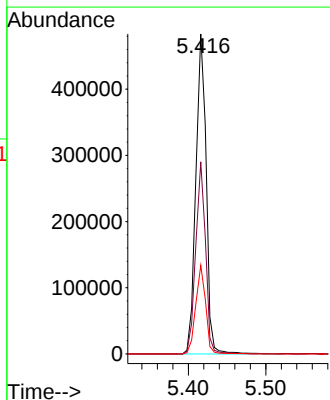
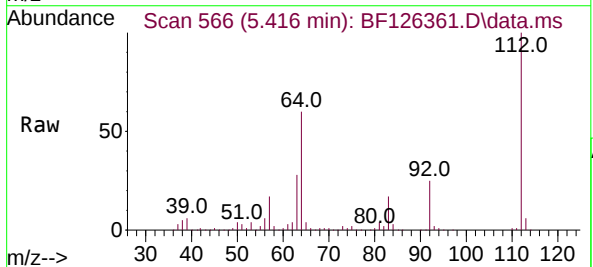
Instrument :
BNA_F
ClientSampleId :
SB-01-C2

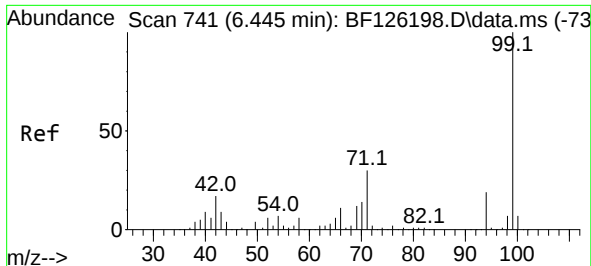
Tgt Ion:152 Resp: 107792
Ion Ratio Lower Upper
152 100
150 159.8 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 61.407 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Tgt Ion:112 Resp: 449472
Ion Ratio Lower Upper
112 100
64 60.1 44.2 66.2
63 27.7 26.2 39.2

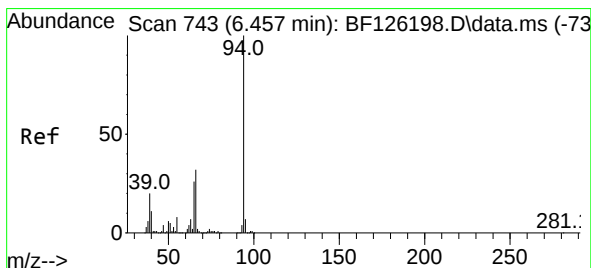
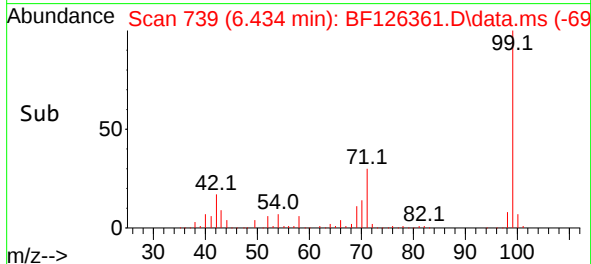
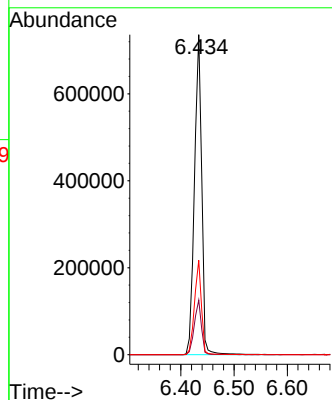
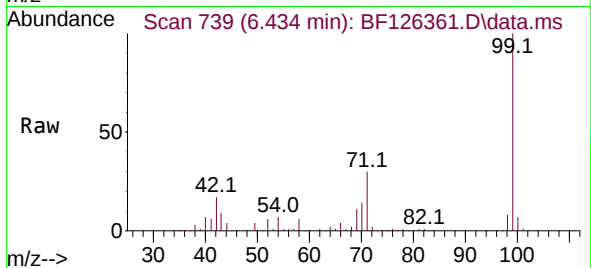




#7
Phenol-d6
Concen: 75.448 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

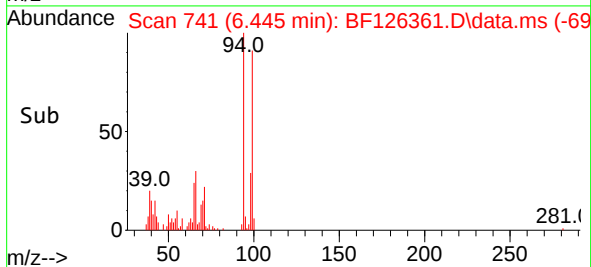
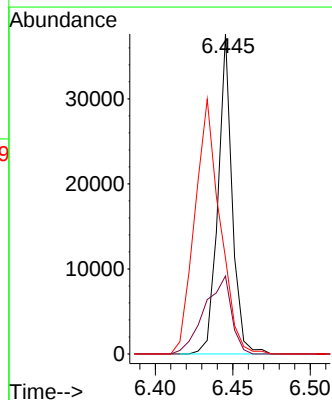
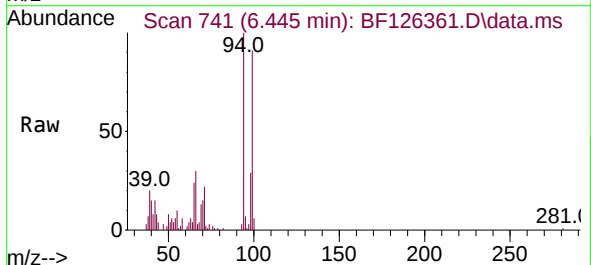
Instrument :
BNA_F
ClientSampleId :
SB-01-C2

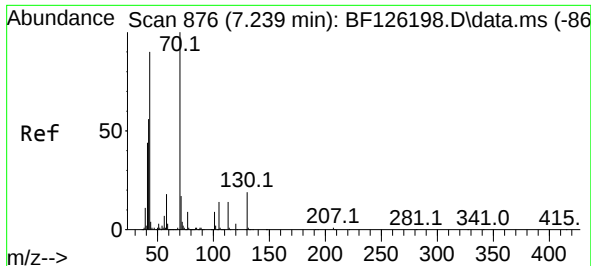
Tgt Ion: 99 Resp: 701212
Ion Ratio Lower Upper
99 100
42 17.0 23.5 35.3#
71 29.5 25.6 38.4



#10
Phenol
Concen: 2.293 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Tgt Ion: 94 Resp: 23924
Ion Ratio Lower Upper
94 100
65 24.4 9.3 49.3
66 30.0 20.3 60.3

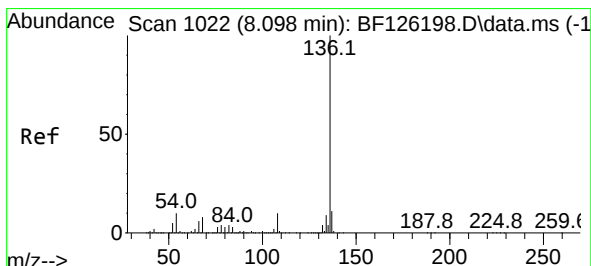
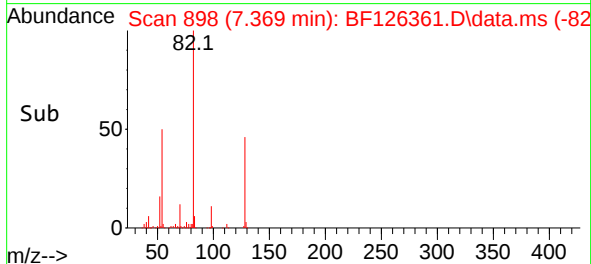
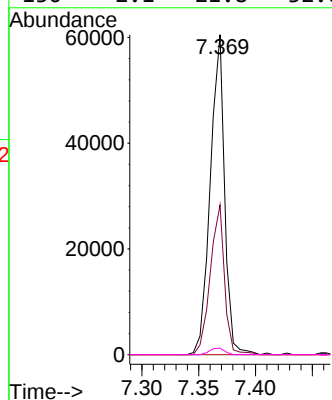
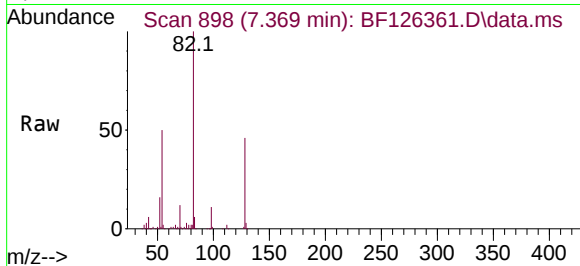




#19
n-Nitroso-di-n-propylamine
Concen: 9.289 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

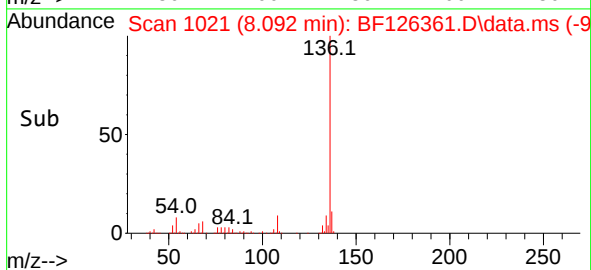
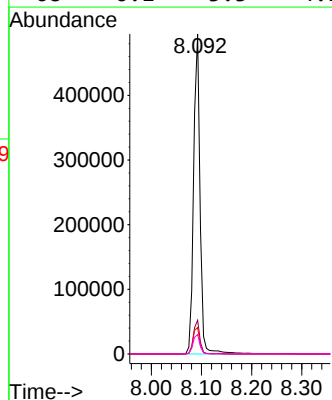
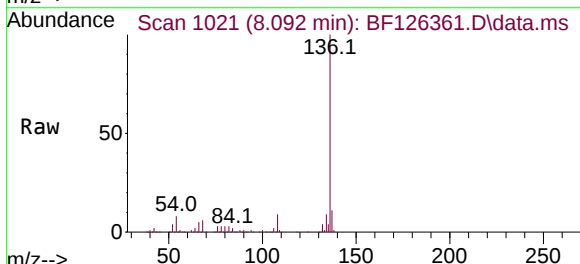
Instrument :
BNA_F
ClientSampleId :
SB-01-C2

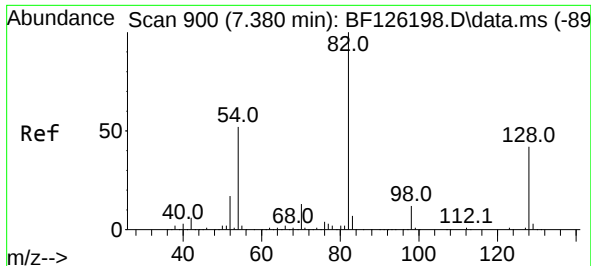
Tgt Ion: 70 Resp: 52998
Ion Ratio Lower Upper
70 100
42 46.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Tgt Ion: 136 Resp: 441449
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.3 6.4 9.6
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 52.669 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF126361.D

Acq: 27 Dec 2021 18:04

Instrument :

BNA_F

ClientSampleId :

SB-01-C2

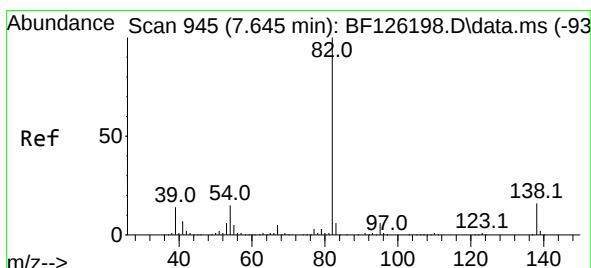
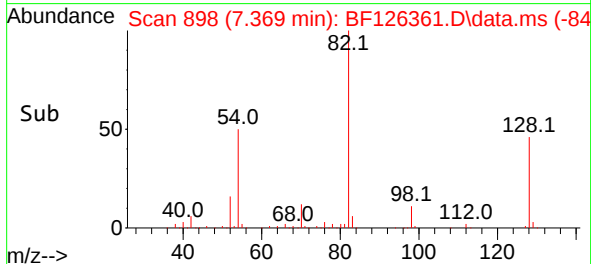
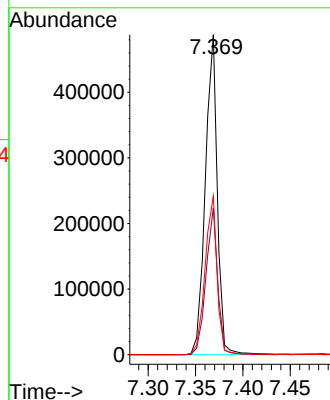
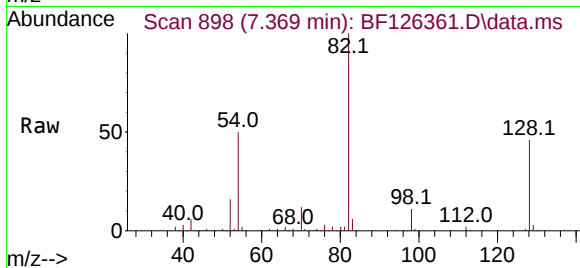
Tgt Ion: 82 Resp: 429304

Ion Ratio Lower Upper

82 100

128 45.9 40.6 60.8

54 49.5 49.6 74.4#



#25

Isophorone

Concen: 27.891 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.271 min

Lab File: BF126361.D

Acq: 27 Dec 2021 18:04

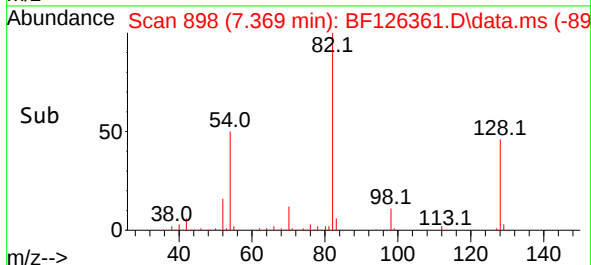
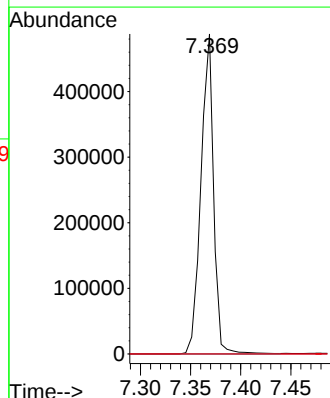
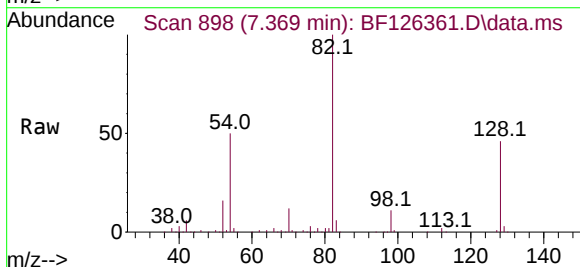
Tgt Ion: 82 Resp: 429300

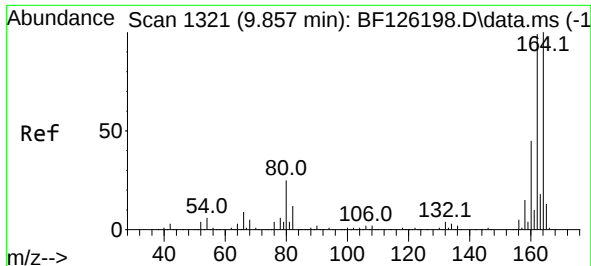
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126361.D

Acq: 27 Dec 2021 18:04

Instrument :

BNA_F

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SB-01-C2

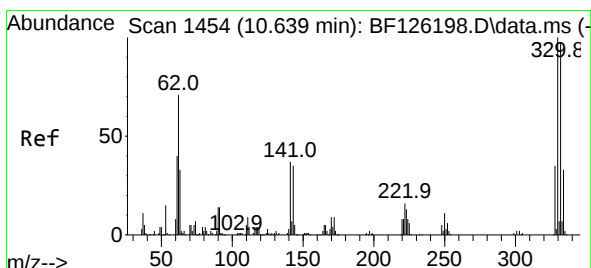
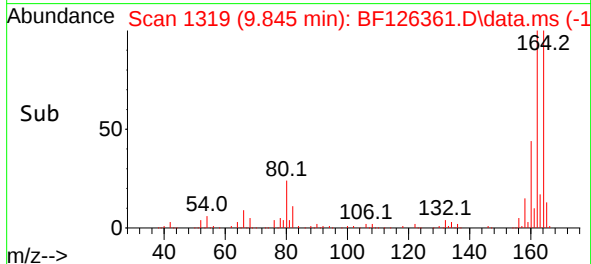
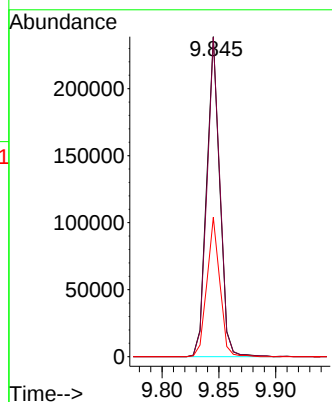
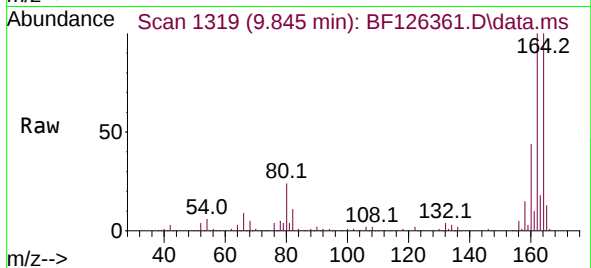
Tgt Ion:164 Resp: 190625

Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

160 43.6 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 48.536 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF126361.D

Acq: 27 Dec 2021 18:04

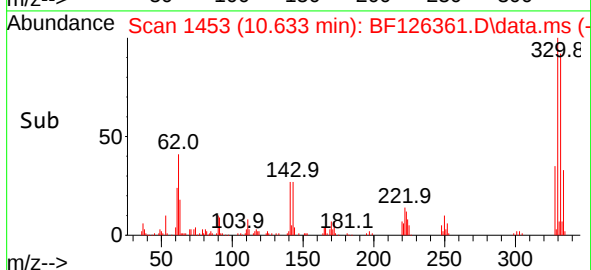
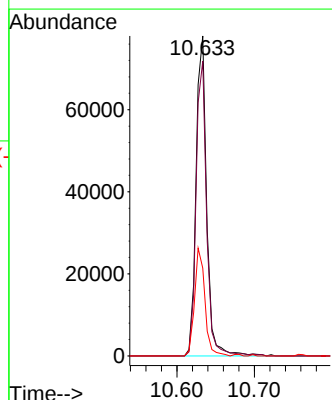
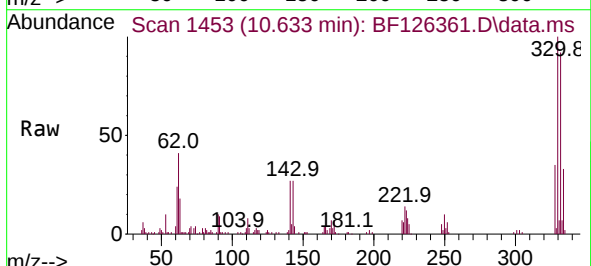
Tgt Ion:330 Resp: 74355

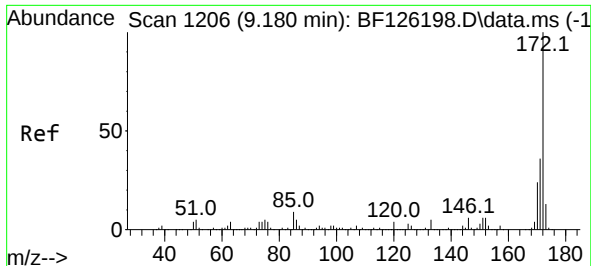
Ion Ratio Lower Upper

330 100

332 91.3 76.2 114.4

141 32.7 44.6 66.8#

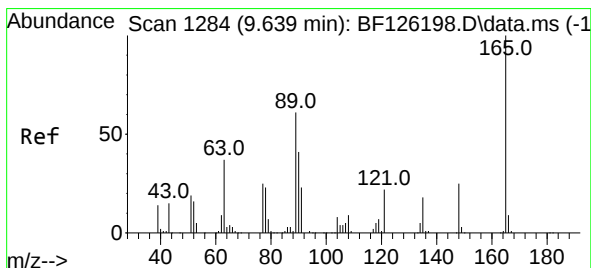
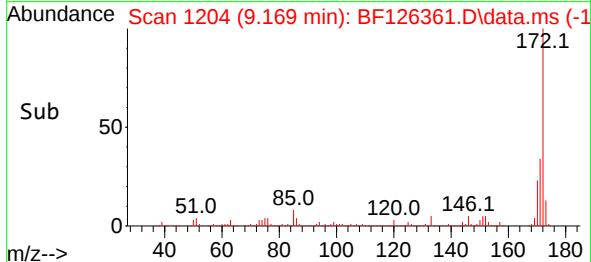
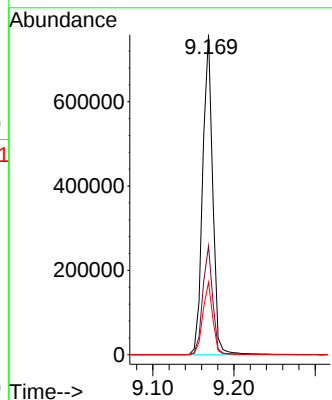
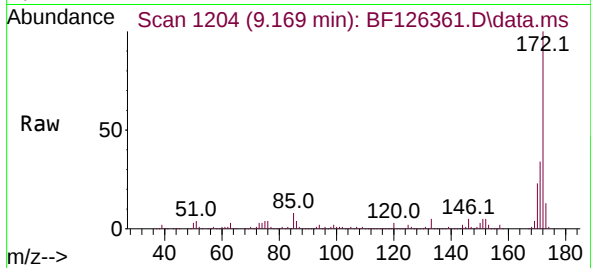




#45
2-Fluorobiphenyl
Concen: 60.113 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

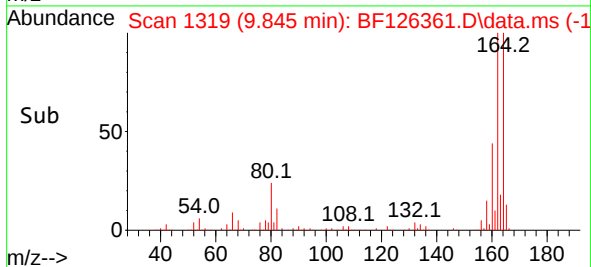
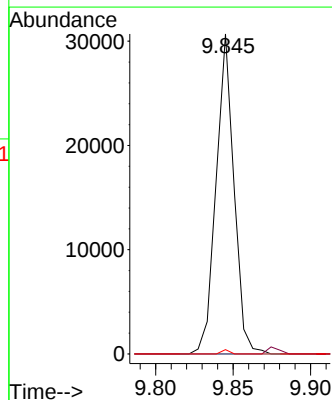
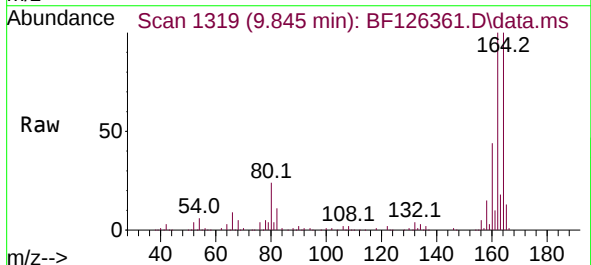
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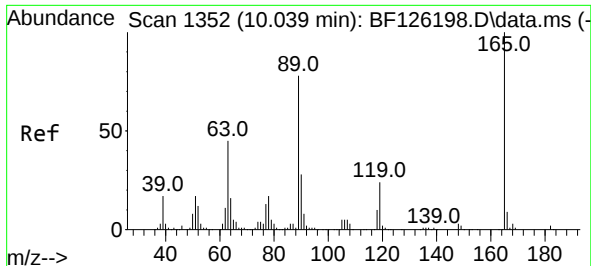
Tgt Ion:172 Resp: 653351
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 22.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.418 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Tgt Ion:165 Resp: 24616
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.4 40.6 60.8#

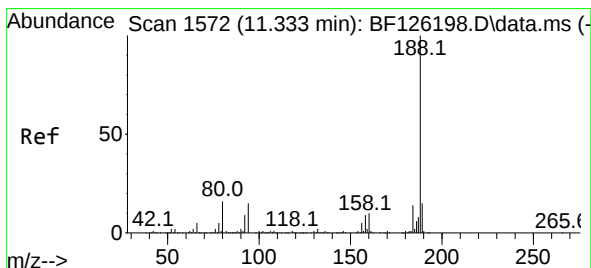
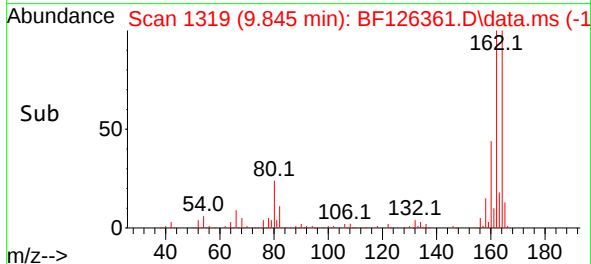
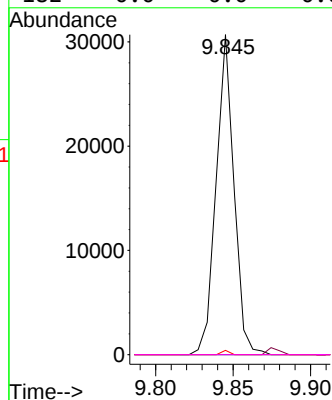
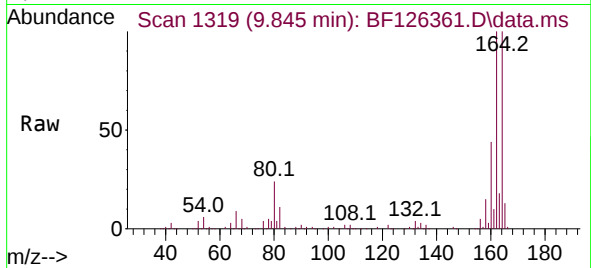




#57
2,4-Dinitrotoluene
Concen: 7.383 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

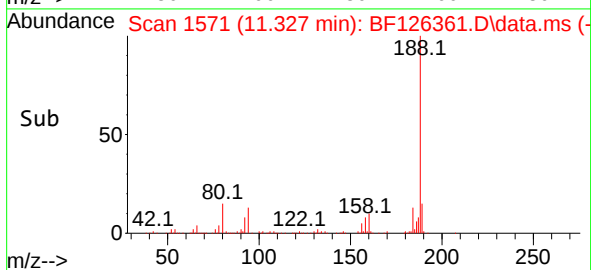
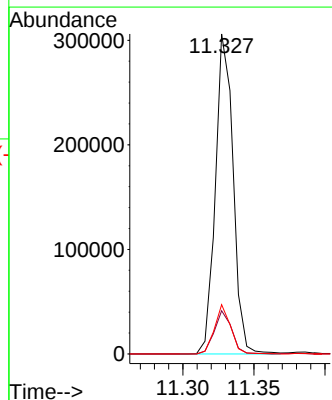
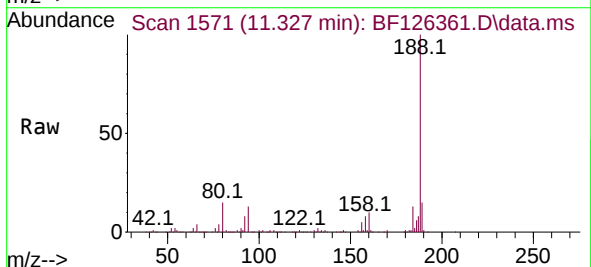
Instrument :
BNA_F
ClientSampleId :
SB-01-C2

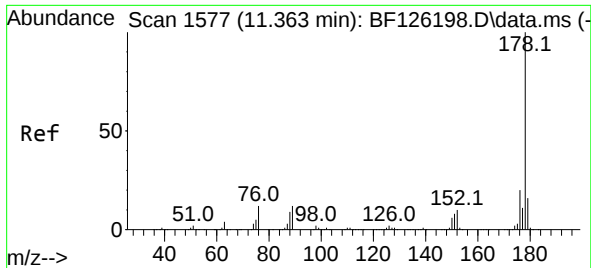
Tgt Ion:165 Resp: 24616
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Tgt Ion:188 Resp: 265845
Ion Ratio Lower Upper
188 100
94 13.5 6.7 10.1#
80 15.4 7.5 11.3#

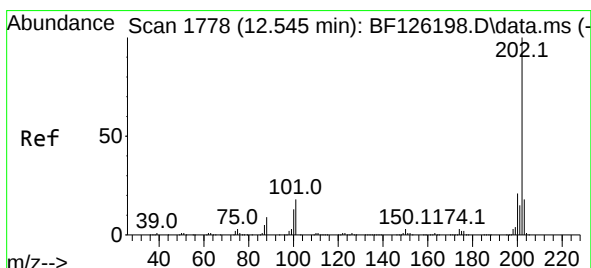
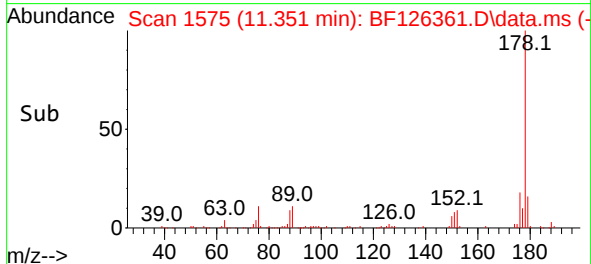
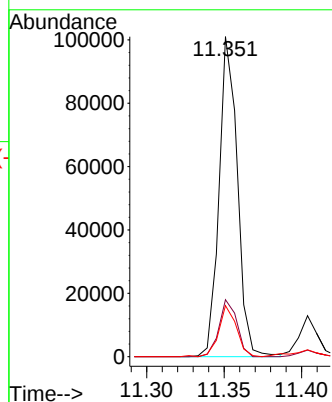
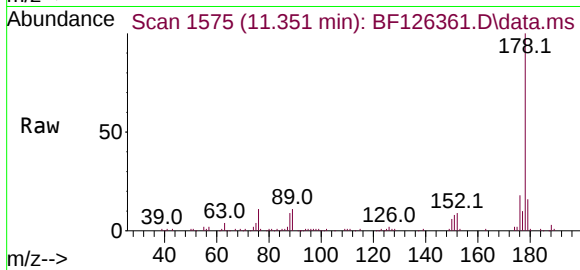




#71
Phenanthrene
Concen: 6.054 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

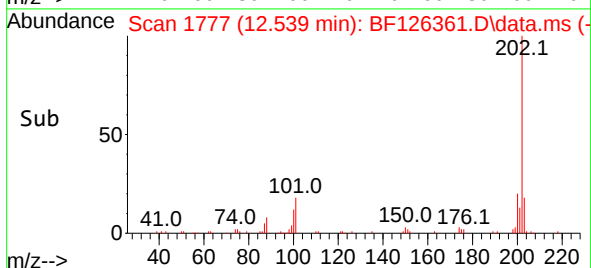
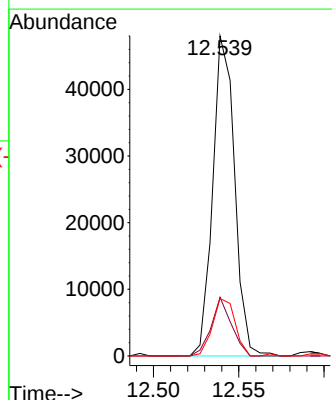
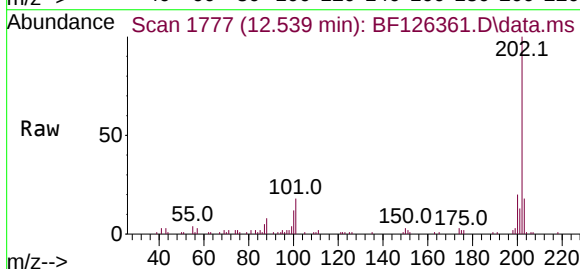
Instrument :
BNA_F
ClientSampleId :
SB-01-C2

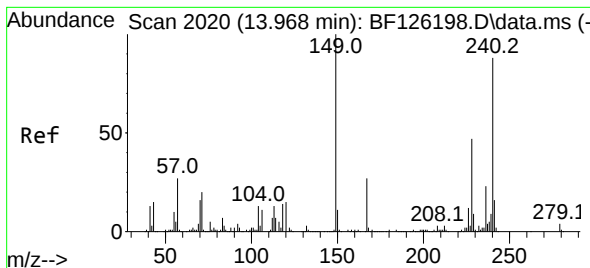
Tgt Ion:178 Resp: 83061
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 16.0 11.5 17.3



#75
Fluoranthene
Concen: 3.461 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Tgt Ion:202 Resp: 42791
Ion Ratio Lower Upper
202 100
101 18.3 0.0 30.7
203 17.9 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126361.D

Acq: 27 Dec 2021 18:04

Instrument :

BNA_F

ClientSampleId :

SB-01-C2

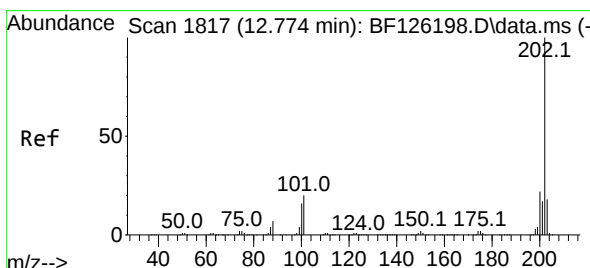
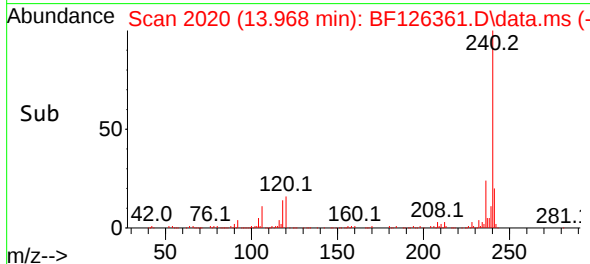
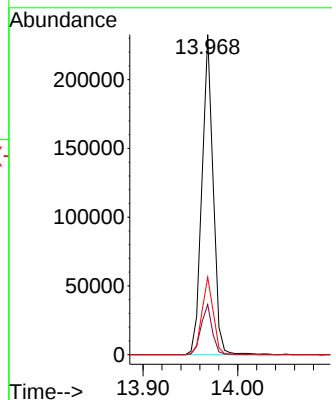
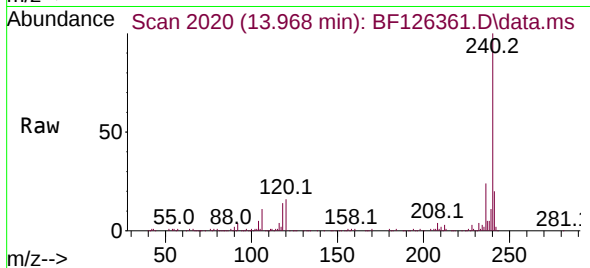
Tgt Ion:240 Resp: 192902

Ion Ratio Lower Upper

240 100

120 15.7 10.8 16.2

236 24.2 21.6 32.4



#78

Pyrene

Concen: 4.160 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF126361.D

Acq: 27 Dec 2021 18:04

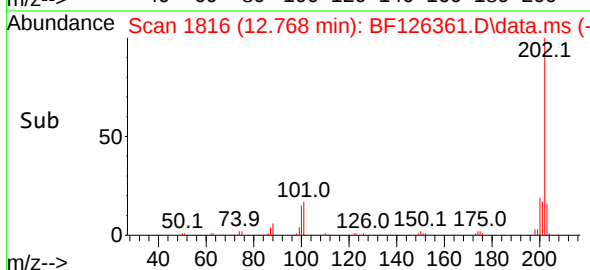
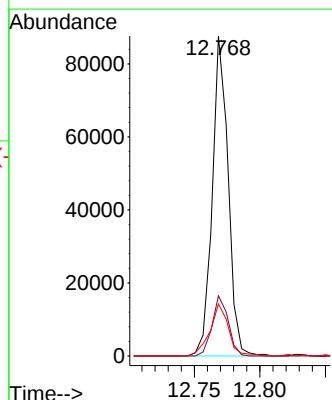
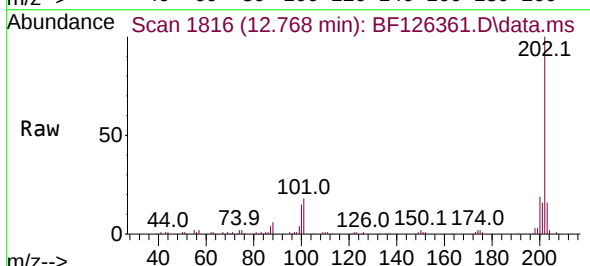
Tgt Ion:202 Resp: 73722

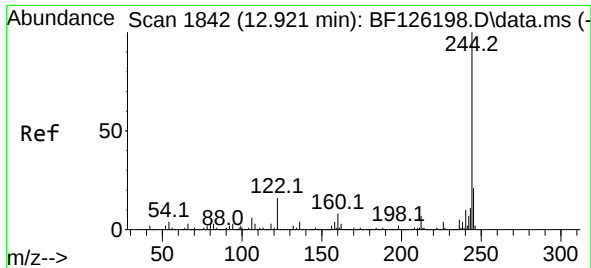
Ion Ratio Lower Upper

202 100

200 18.8 15.3 22.9

203 16.2 13.4 20.0

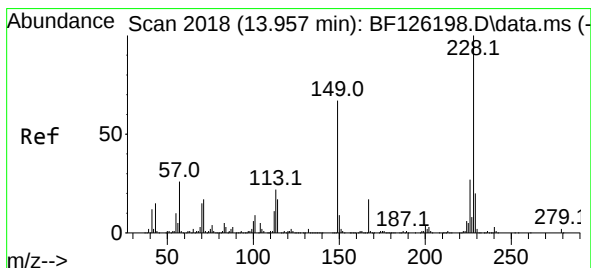
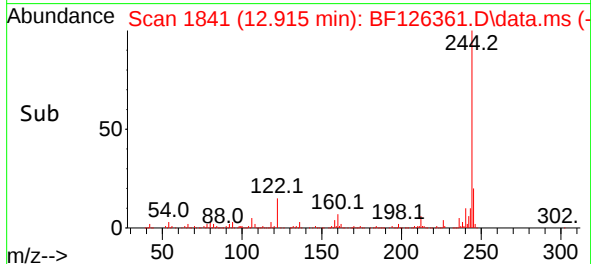
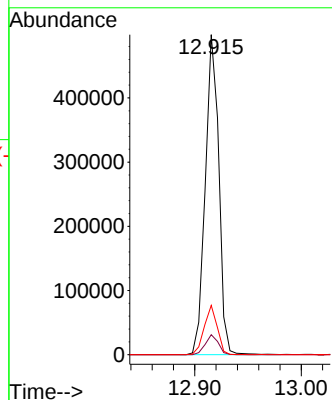
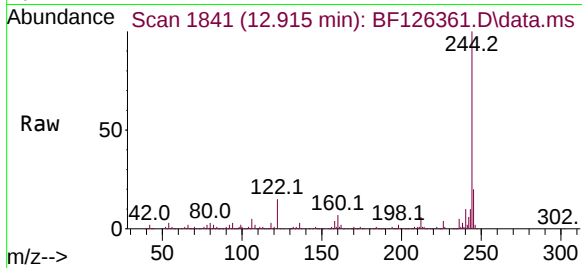




#79
 Terphenyl-d14
 Concen: 39.735 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF126361.D
 Acq: 27 Dec 2021 18:04

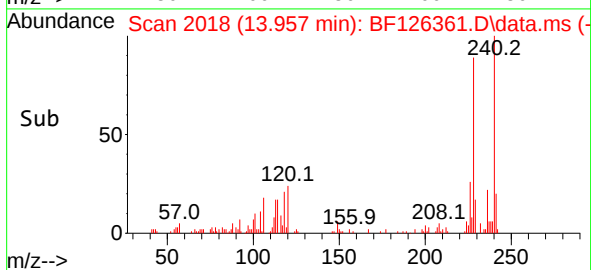
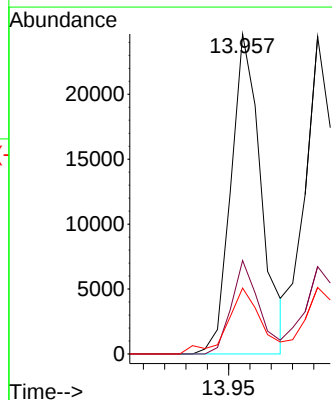
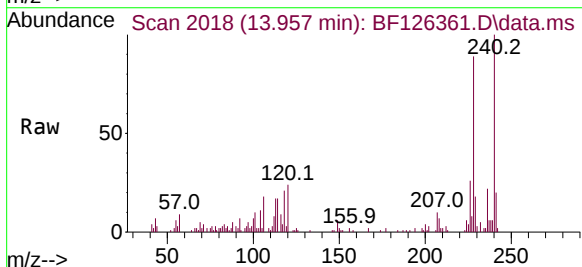
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-C2

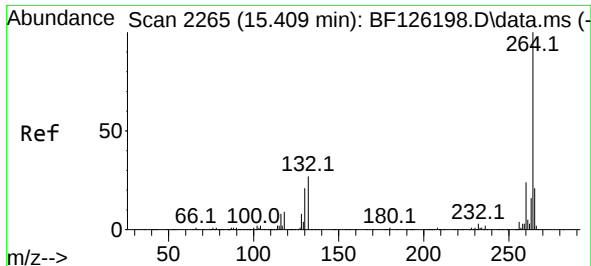
Tgt Ion:244 Resp: 440995
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 15.4 9.0 13.4#



#81
 Benzo(a)anthracene
 Concen: 2.134 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.012 min
 Lab File: BF126361.D
 Acq: 27 Dec 2021 18:04

Tgt Ion:228 Resp: 24384
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.6 32.4
 229 20.6 15.6 23.4

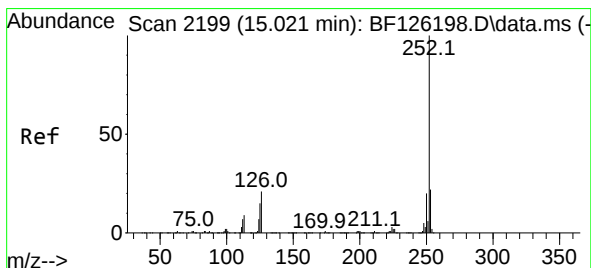
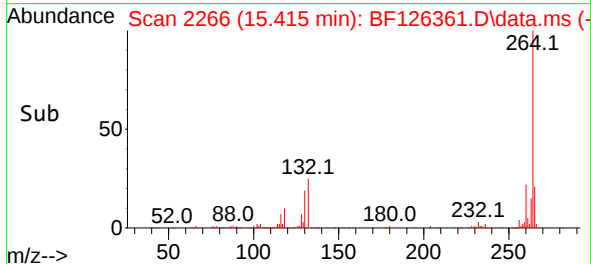
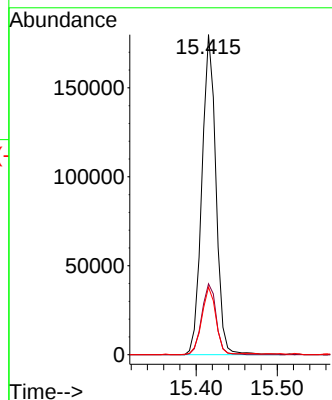
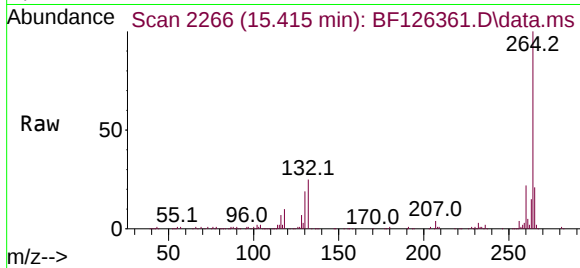




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Instrument :
BNA_F
ClientSampleId :
SB-01-C2

Tgt Ion:264 Resp: 215724
Ion Ratio Lower Upper
264 100
260 22.2 19.6 29.4
265 21.1 17.2 25.8



#89
Benzo(k)fluoranthene
Concen: 2.074 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.035 min
Lab File: BF126361.D
Acq: 27 Dec 2021 18:04

Tgt Ion:252 Resp: 25716
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 20.0 7.2 10.8#

