

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126264.D
 Acq On : 18 Dec 2021 20:22
 Operator : JU/CG
 Sample : M5142-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2

Quant Time: Dec 20 08:04:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

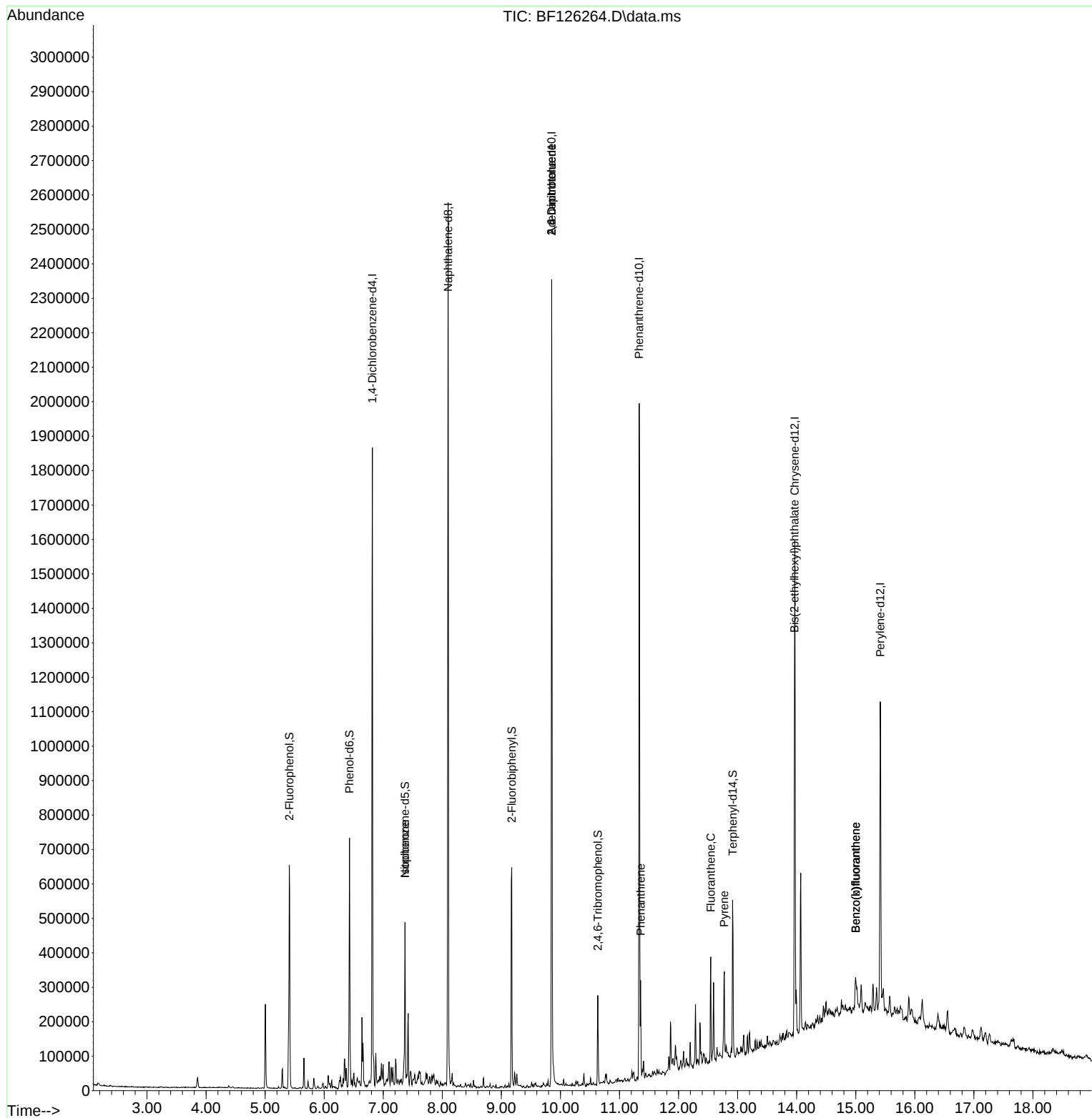
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	250734	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	1052346	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	479765	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	687535	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	400878	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	365618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	166838	9.799	ng	-0.01
7) Phenol-d6	6.428	99	215917	9.987	ng	-0.02
23) Nitrobenzene-d5	7.369	82	129391	6.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	25778	6.686	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	201197	7.355	ng	0.00
79) Terphenyl-d14	12.915	244	130487	5.658	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.369	82	120733	3.290	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	61619	9.368	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	61619	7.344	ng	# 19
71) Phenanthrene	11.357	178	80620	2.272	ng	98
75) Fluoranthene	12.545	202	104646	3.273	ng	93
78) Pyrene	12.774	202	100130	2.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	73085	3.774	ng	99
88) Benzo(b)fluoranthene	14.998	252	67872	3.090	ng	# 83
89) Benzo(k)fluoranthene	14.998	252	67872	3.230	ng	# 83

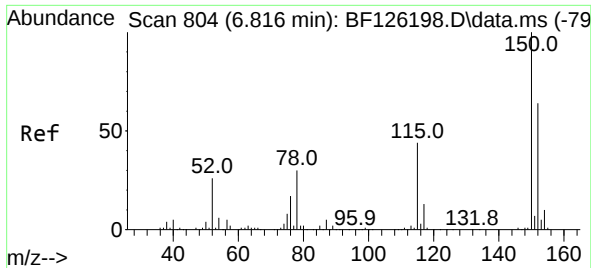
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126264.D
Acq On : 18 Dec 2021 20:22
Operator : JU/CG
Sample : M5142-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Time: Dec 20 08:04:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

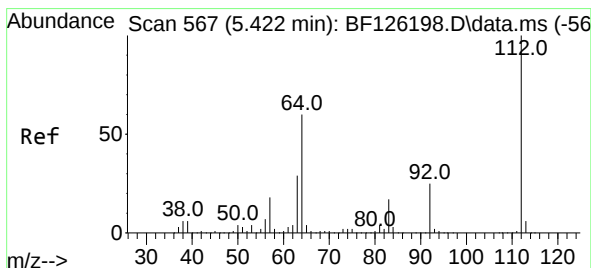
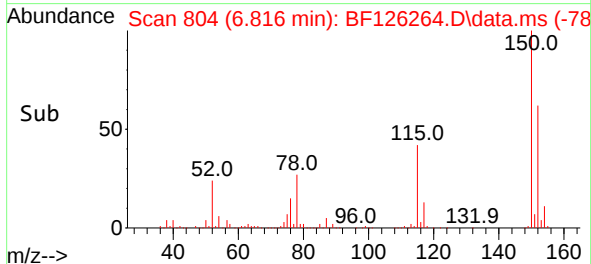
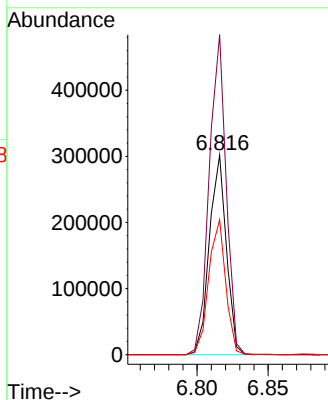
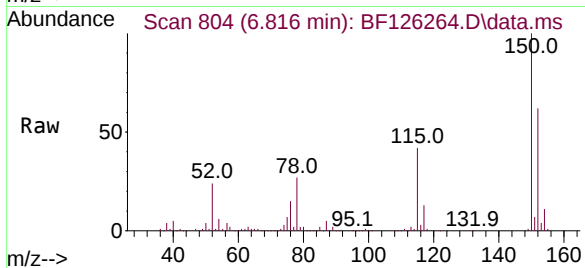




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

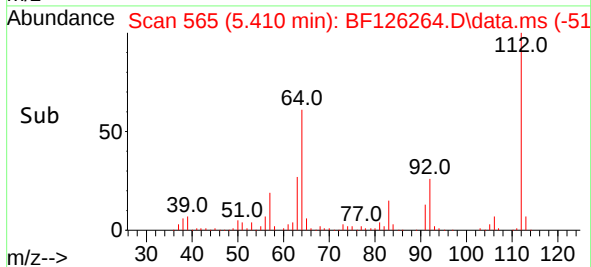
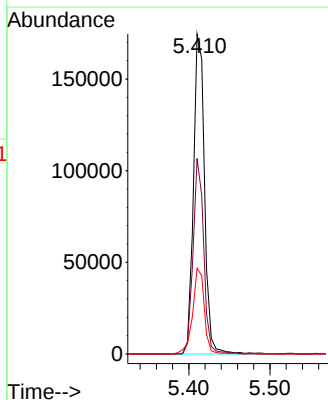
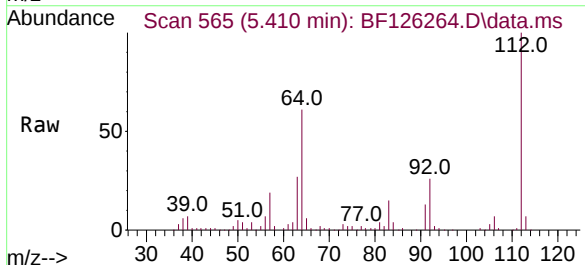
Instrument :
BNA_F
ClientSampleId :
A2

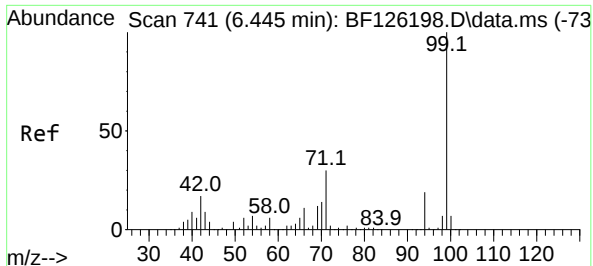
Tgt Ion:152 Resp: 250734
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 67.7 47.1 70.7



#5
2-Fluorophenol
Concen: 9.799 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

Tgt Ion:112 Resp: 166838
Ion Ratio Lower Upper
112 100
64 61.1 44.2 66.2
63 26.8 26.2 39.2

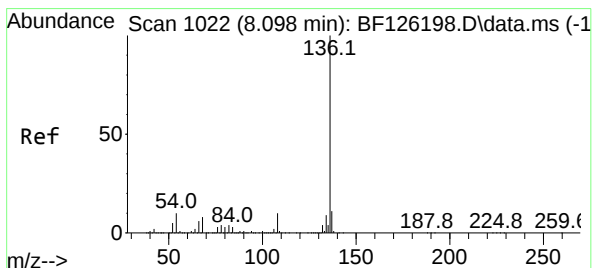
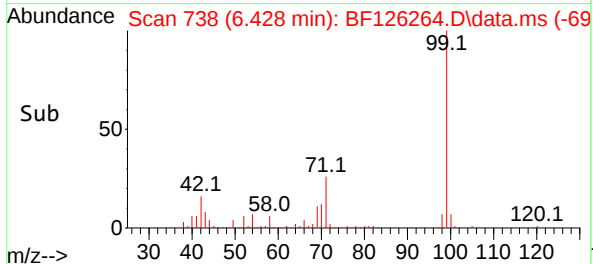
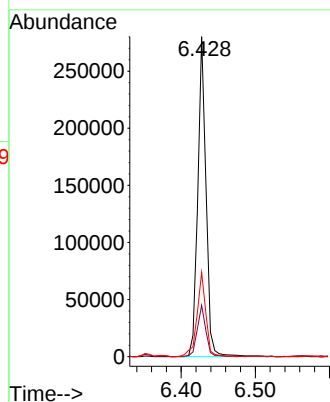
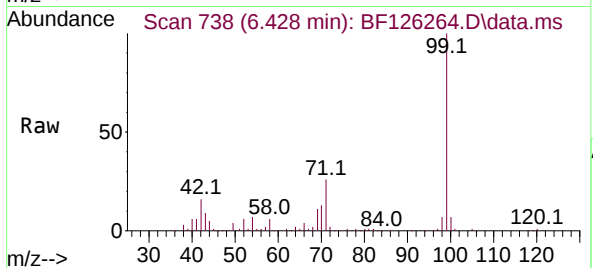




#7
Phenol-d6
Concen: 9.987 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

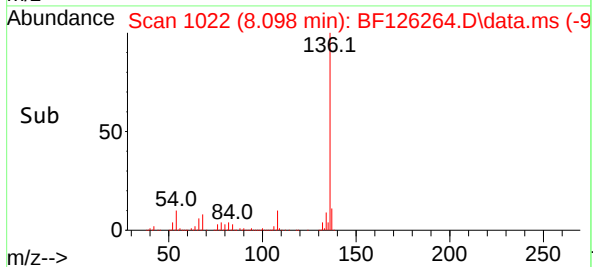
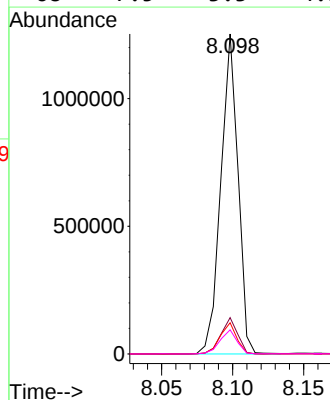
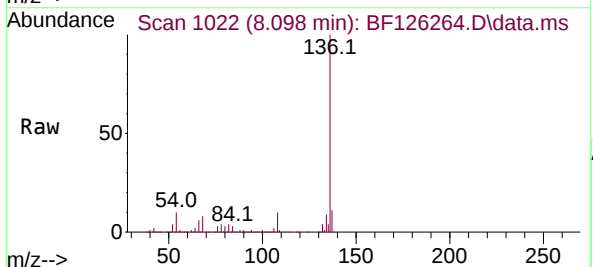
Instrument :
BNA_F
ClientSampleId :
A2

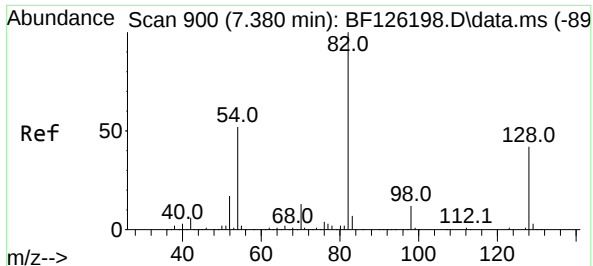
Tgt Ion: 99 Resp: 215917
Ion Ratio Lower Upper
99 100
42 16.0 23.5 35.3#
71 26.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

Tgt Ion: 136 Resp: 1052346
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 9.8 6.4 9.6#
68 7.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 6.659 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_F

ClientSampleId :

A2

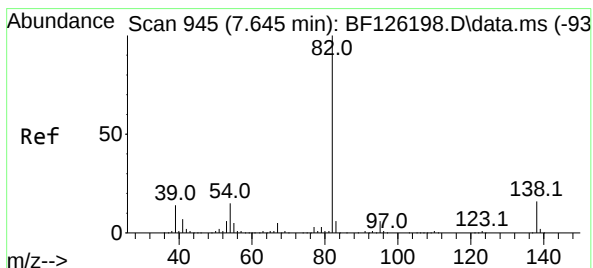
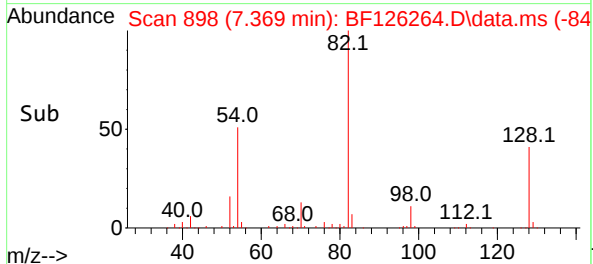
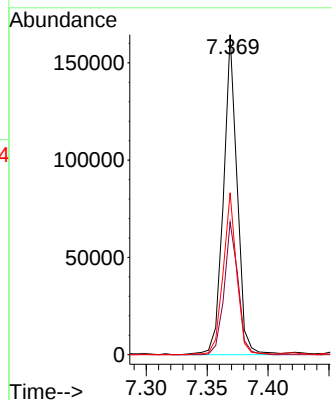
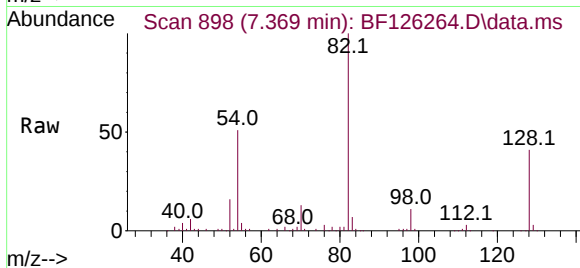
Tgt Ion: 82 Resp: 129391

Ion Ratio Lower Upper

82 100

128 41.4 40.6 60.8

54 50.6 49.6 74.4



#25

Isophorone

Concen: 3.290 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.276 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

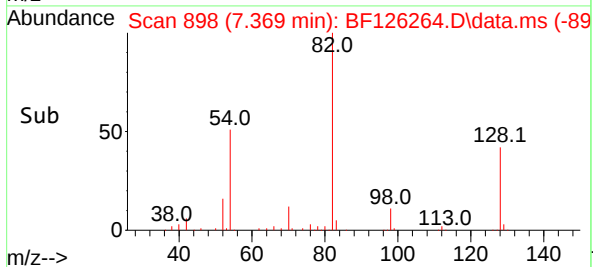
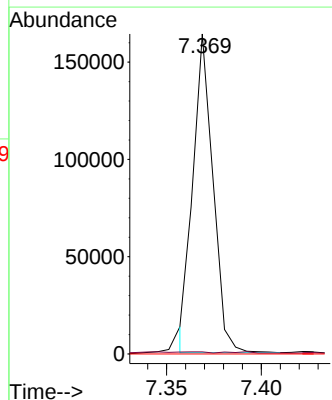
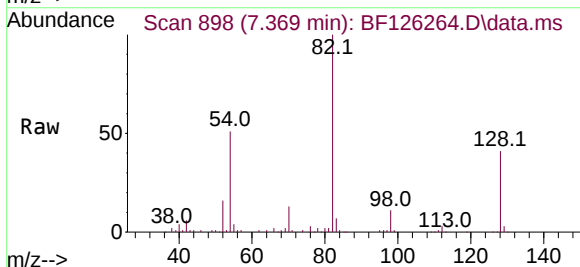
Tgt Ion: 82 Resp: 120733

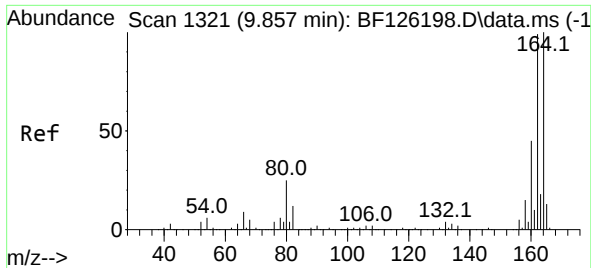
Ion Ratio Lower Upper

82 100

95 0.6 6.5 9.7#

138 0.0 18.4 27.6#

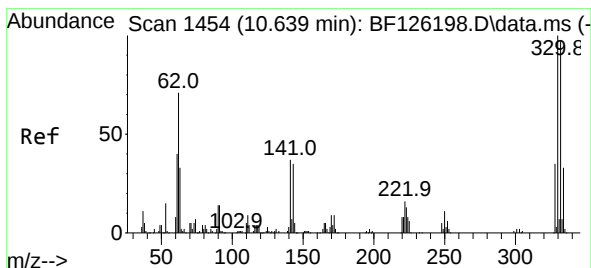
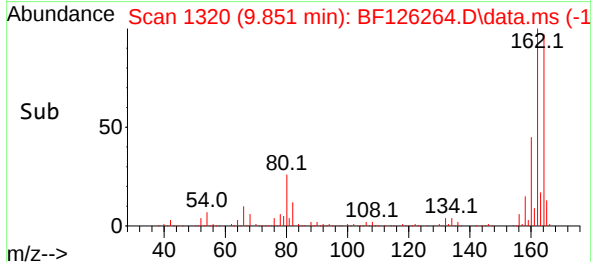
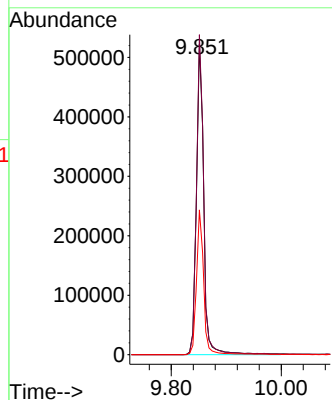
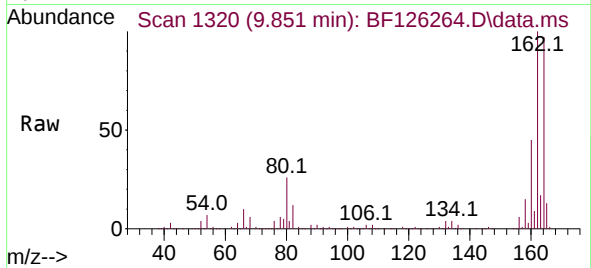




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

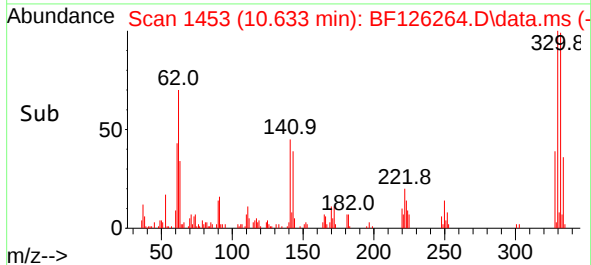
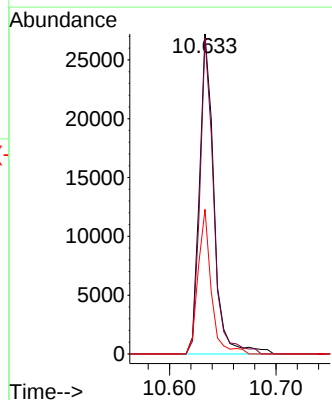
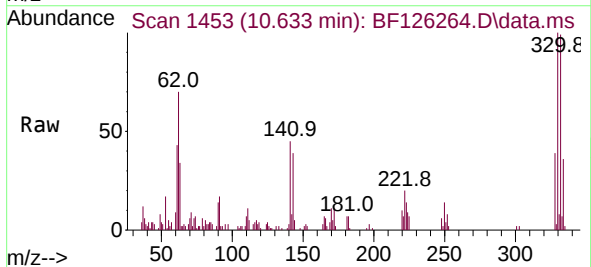
Instrument :
BNA_F
ClientSampleId :
A2

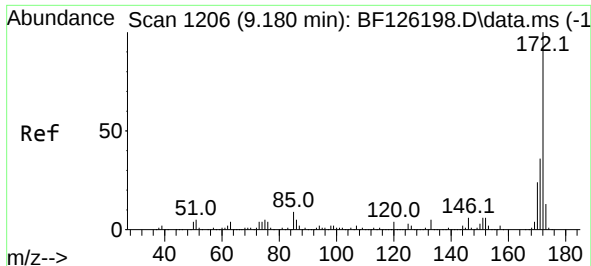
Tgt Ion:164 Resp: 479765
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 46.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 6.686 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

Tgt Ion:330 Resp: 25778
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 41.0 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 7.355 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_F

ClientSampleId :

A2

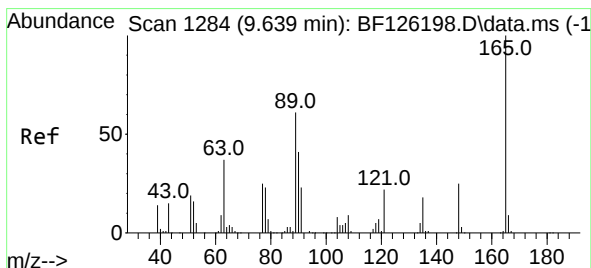
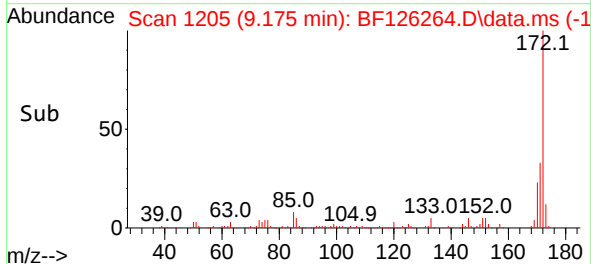
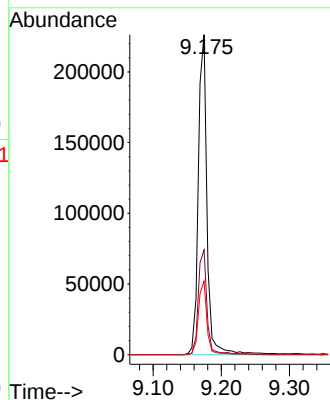
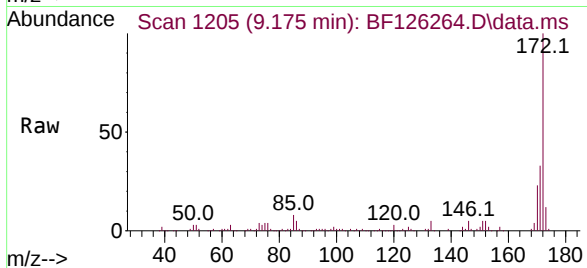
Tgt Ion:172 Resp: 201197

Ion Ratio Lower Upper

172 100

171 32.8 26.5 39.7

170 23.0 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.368 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

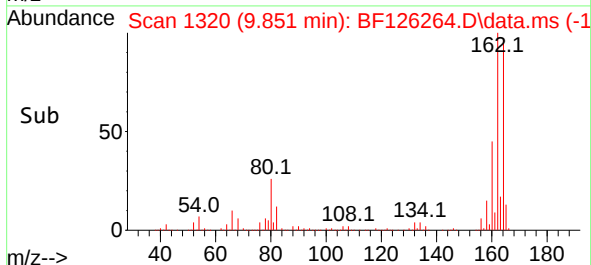
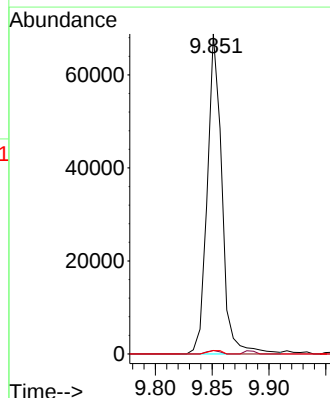
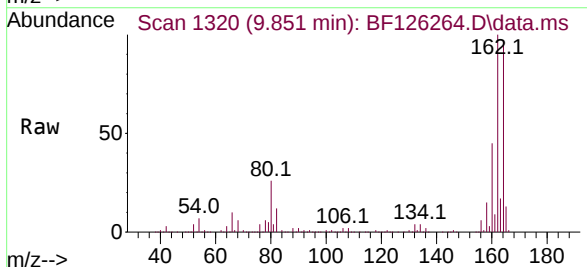
Tgt Ion:165 Resp: 61619

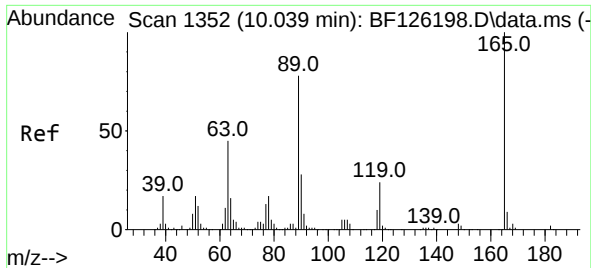
Ion Ratio Lower Upper

165 100

63 1.1 42.6 63.8#

89 1.1 40.6 60.8#

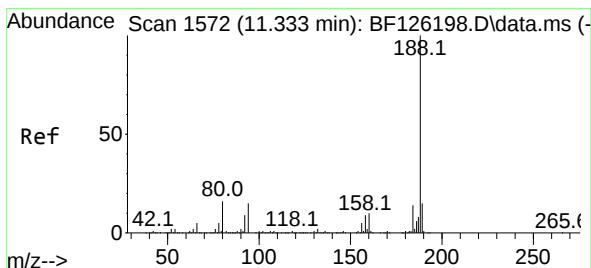
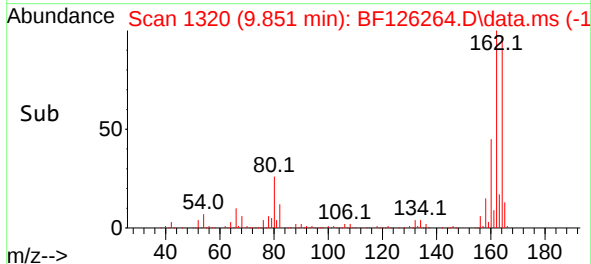
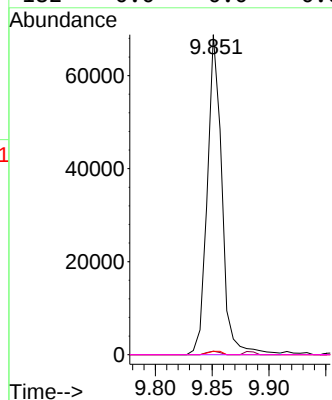
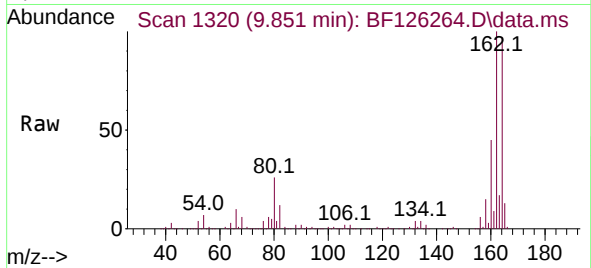




#57
2,4-Dinitrotoluene
Concen: 7.344 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

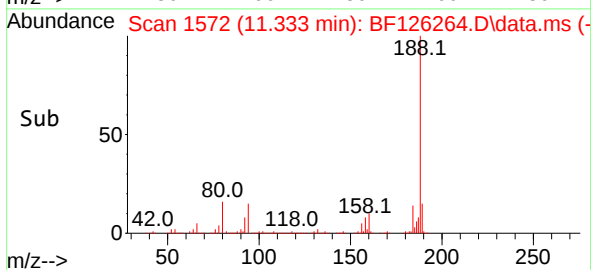
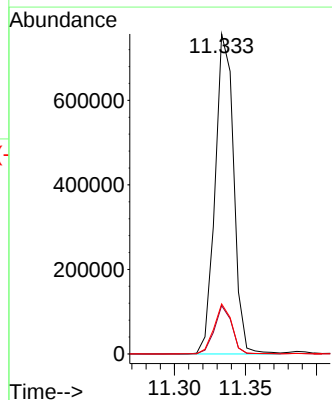
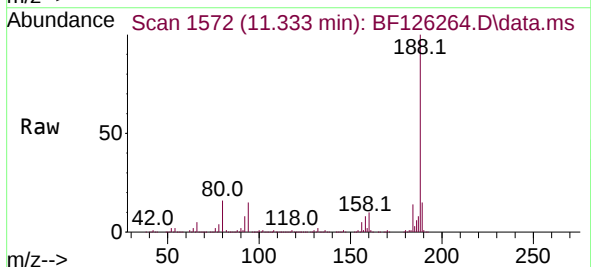
Instrument :
BNA_F
ClientSampleId :
A2

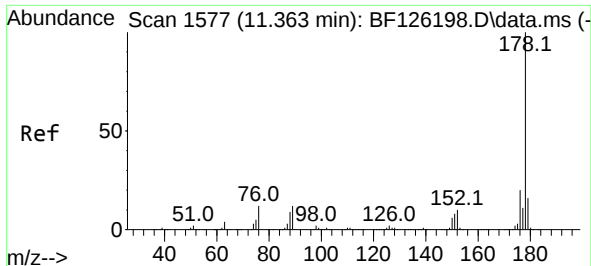
Tgt Ion:165 Resp: 61619
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

Tgt Ion:188 Resp: 687535
Ion Ratio Lower Upper
188 100
94 15.1 6.7 10.1#
80 15.7 7.5 11.3#

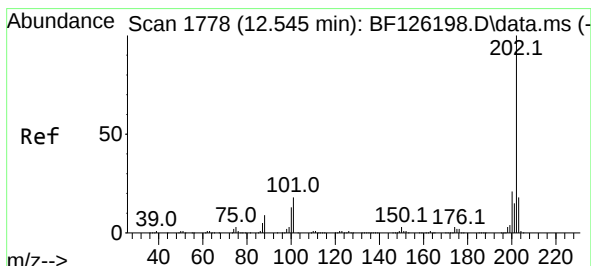
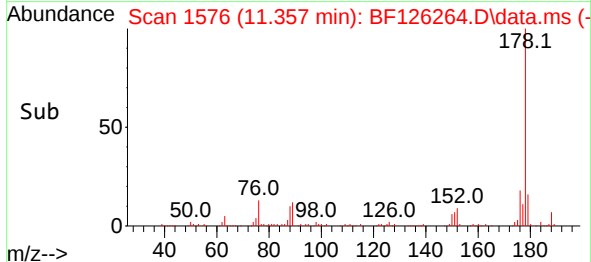
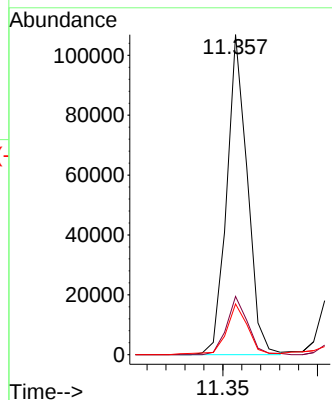
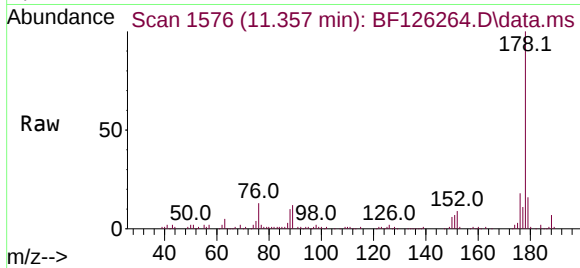




#71
Phenanthrene
Concen: 2.272 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

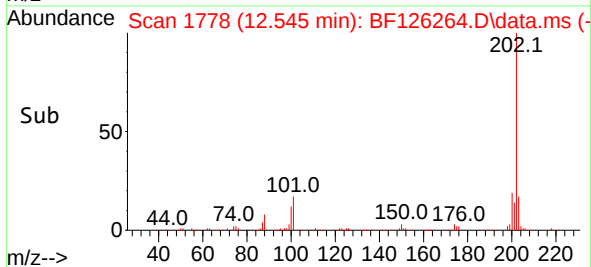
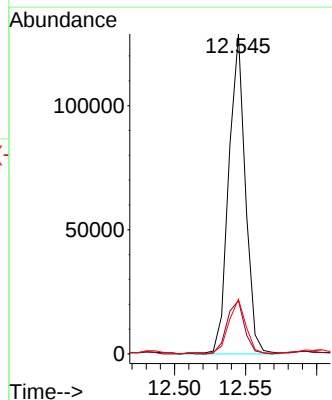
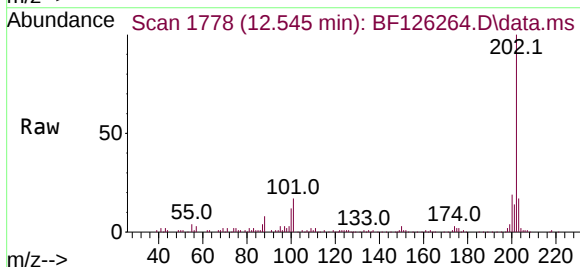
Instrument :
BNA_F
ClientSampleId :
A2

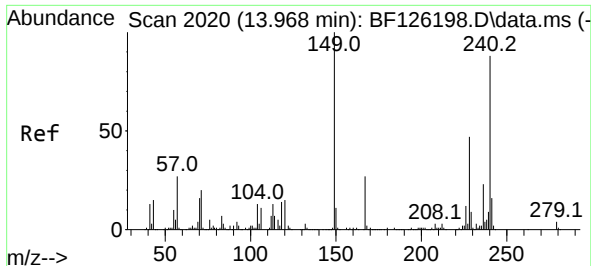
Tgt Ion:178 Resp: 80620
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.9 11.5 17.3



#75
Fluoranthene
Concen: 3.273 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

Tgt Ion:202 Resp: 104646
Ion Ratio Lower Upper
202 100
101 16.7 0.0 30.7
203 17.1 0.0 36.3

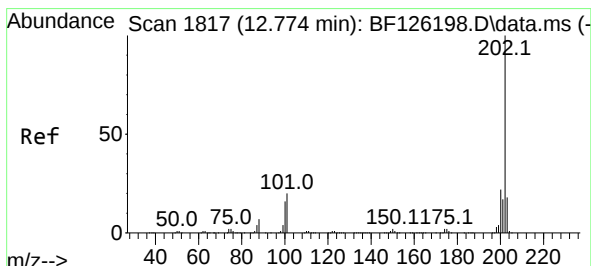
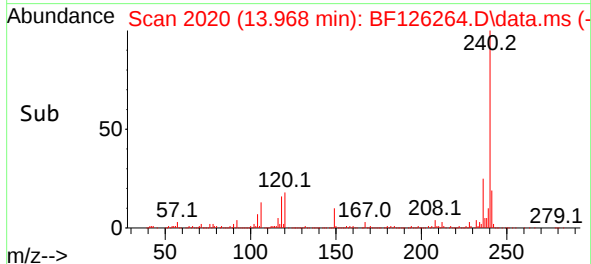
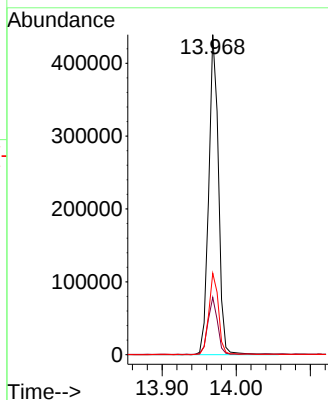
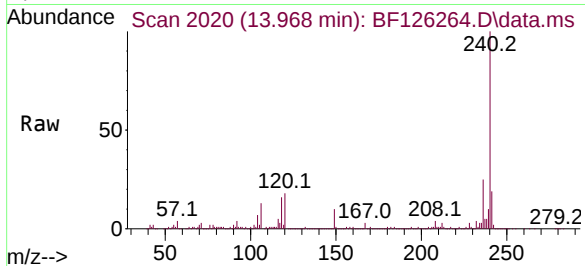




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

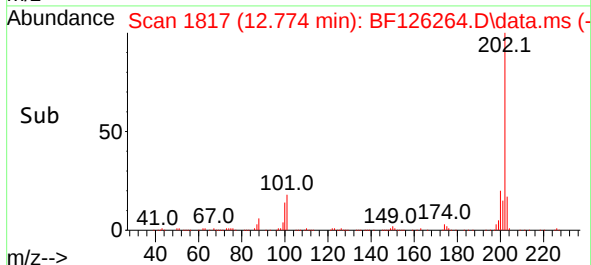
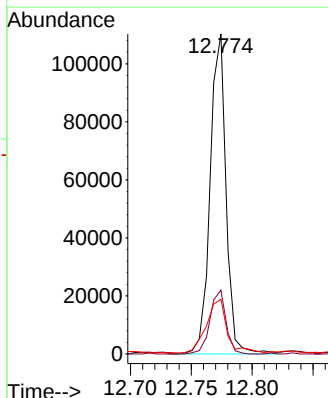
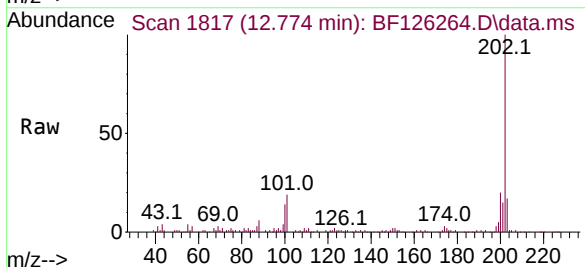
Instrument :
BNA_F
ClientSampleId :
A2

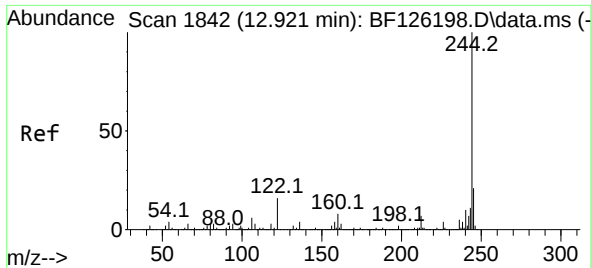
Tgt Ion:240 Resp: 400878
Ion Ratio Lower Upper
240 100
120 17.9 10.8 16.2#
236 25.4 21.6 32.4



#78
Pyrene
Concen: 2.719 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

Tgt Ion:202 Resp: 100130
Ion Ratio Lower Upper
202 100
200 19.9 15.3 22.9
203 17.1 13.4 20.0

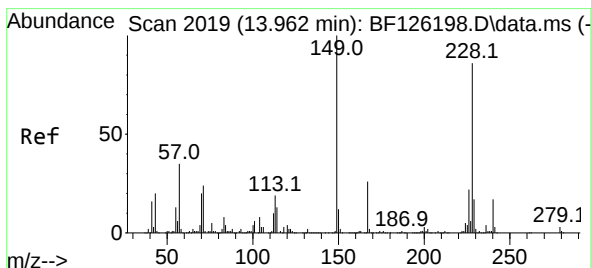
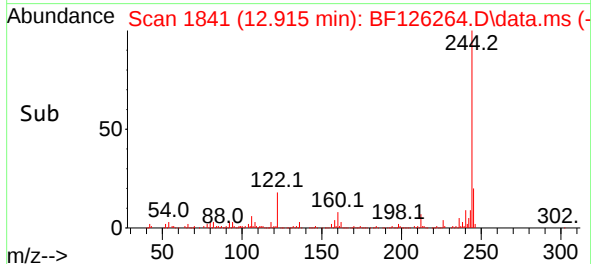
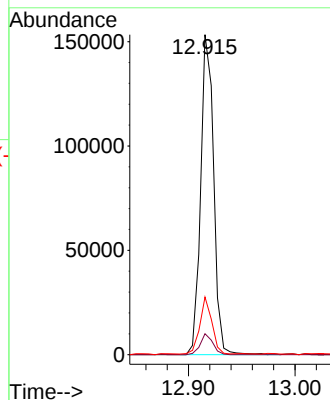
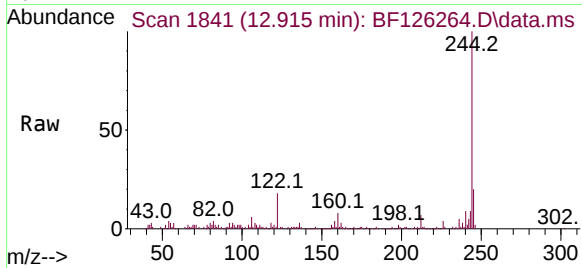




#79
 Terphenyl-d14
 Concen: 5.658 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF126264.D
 Acq: 18 Dec 2021 20:22

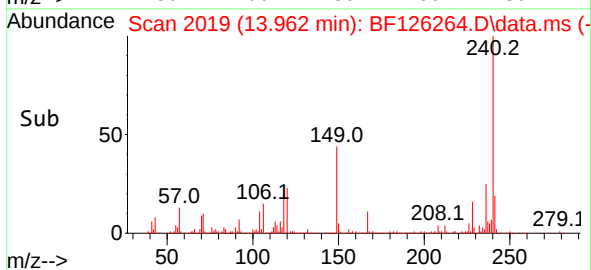
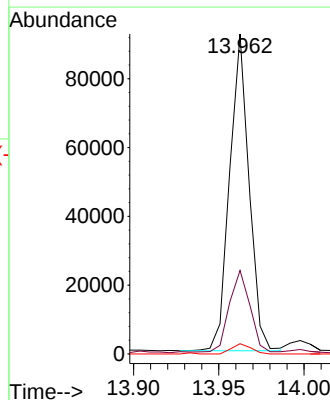
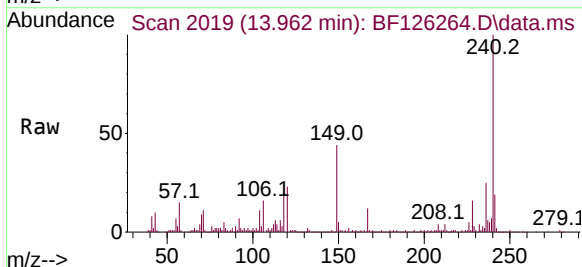
Instrument :
 BNA_F
 ClientSampleId :
 A2

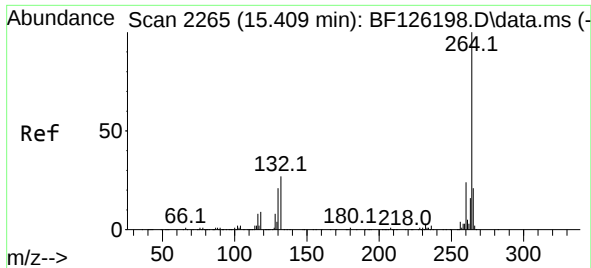
Tgt Ion:244 Resp: 130487
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 18.0 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.774 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF126264.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:149 Resp: 73085
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 3.2 2.6 4.0

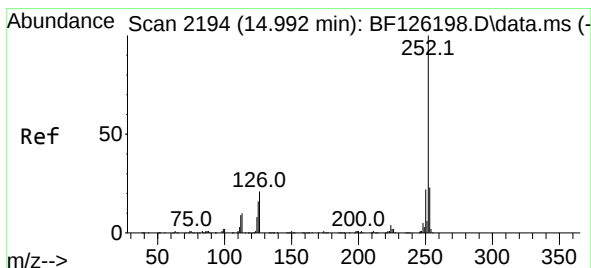
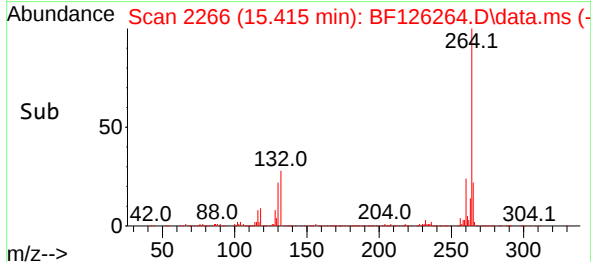
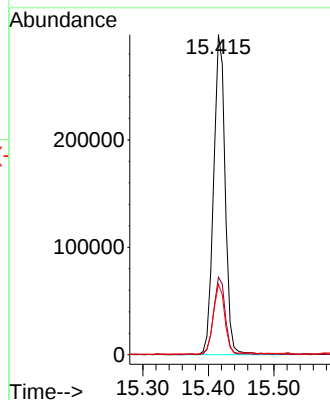
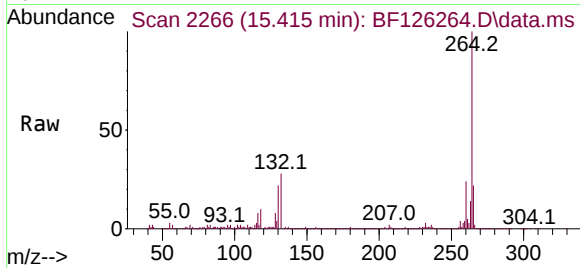




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

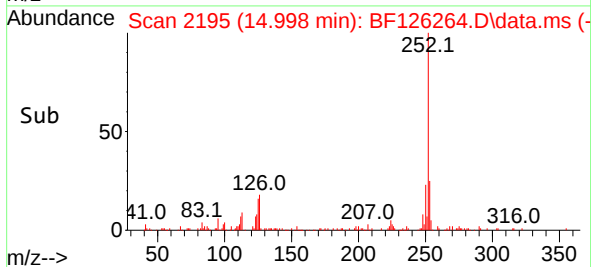
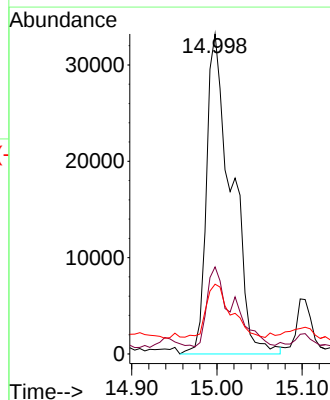
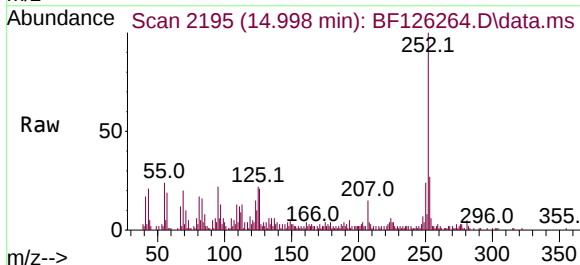
Instrument :
BNA_F
ClientSampleId :
A2

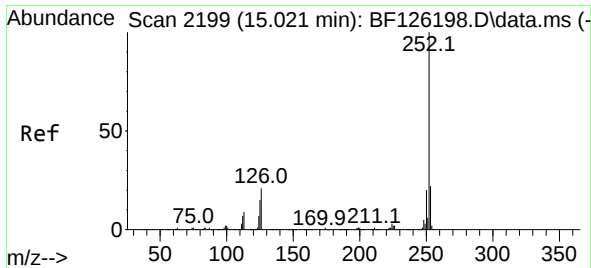
Tgt Ion:264 Resp: 365618
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.090 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

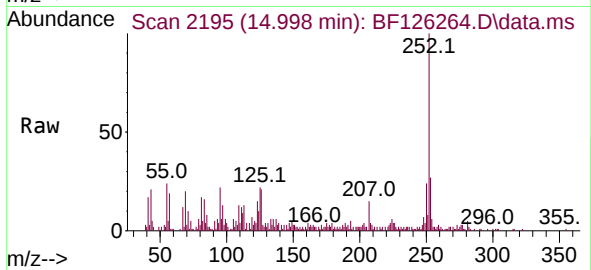
Tgt Ion:252 Resp: 67872
Ion Ratio Lower Upper
252 100
253 27.2 16.8 25.2#
125 21.8 9.8 14.8#





#89
 Benzo(k)fluoranthene
 Concen: 3.230 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.023 min
 Lab File: BF126264.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_F
 ClientSampleId :
 A2



Tgt Ion: 252 Resp: 67872

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.8	26.8#
125	21.8	7.2	10.8#

