

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126442.D
 Acq On : 31 Dec 2021 3:22
 Operator : JU/CG
 Sample : M5244-36
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-13A

Quant Time: Dec 31 05:39:06 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)

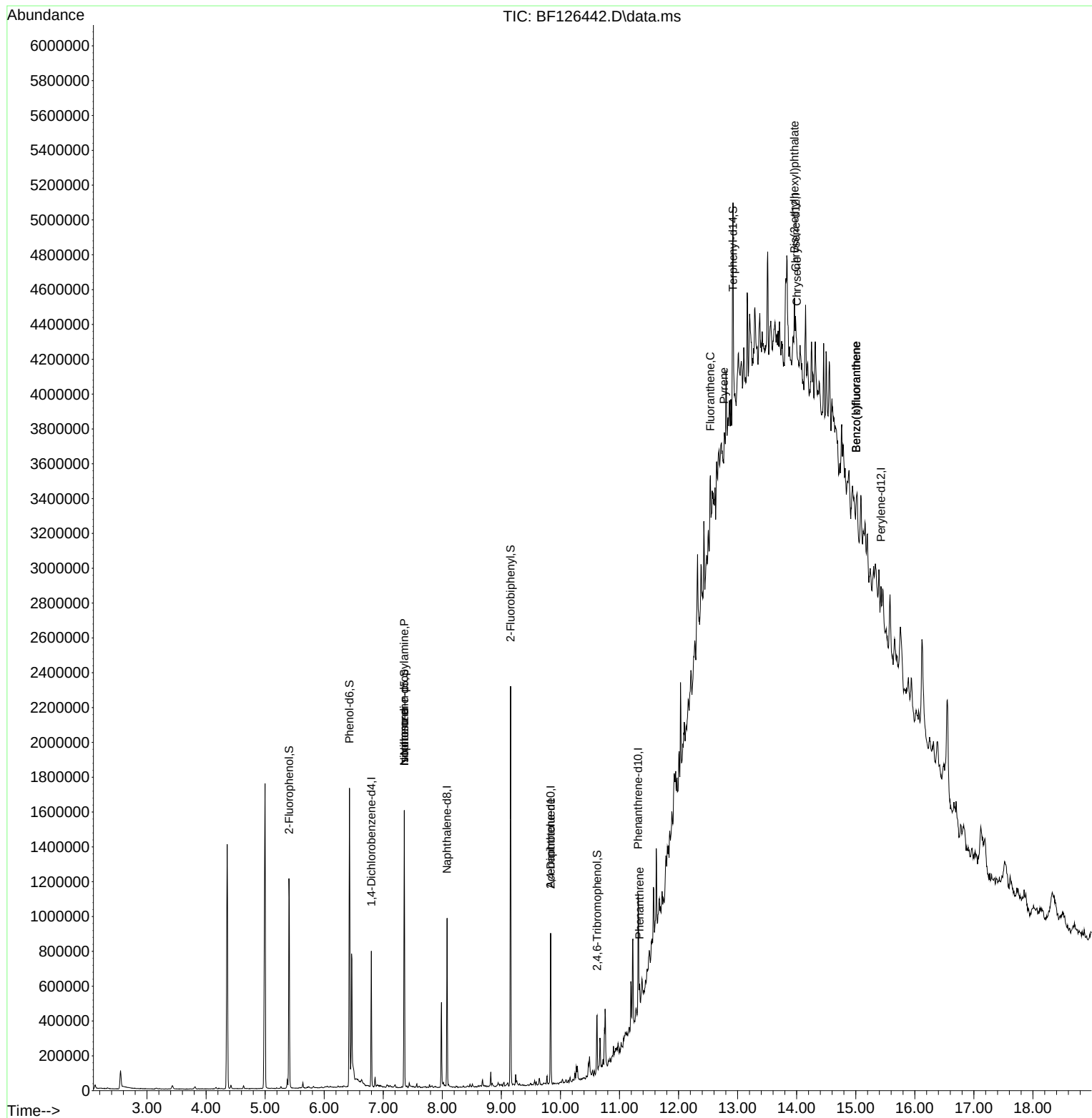
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	97185	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	363065	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	149406	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	259921	20.000	ng	0.00
76) Chrysene-d12	13.980	240	117263	20.000	ng	0.02
86) Perylene-d12	15.427	264	100264	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	345952	51.120	ng	0.00
7) Phenol-d6	6.428	99	612783	69.910	ng	0.00
23) Nitrobenzene-d5	7.357	82	466467	65.970	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	37586	32.555	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	648991	76.439	ng	0.00
79) Terphenyl-d14	12.921	244	495455	82.092	ng	0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.357	70	61060	12.208	ng	# 80
25) Isophorone	7.357	82	466461	36.851	ng	# 69
57) 2,4-Dinitrotoluene	9.833	165	19428	7.476	ng	# 15
71) Phenanthrene	11.339	178	26863	2.022	ng	# 88
75) Fluoranthene	12.539	202	43479	3.585	ng	# 88
77) Benzidine	12.710	184	980	Below Cal		# 1
78) Pyrene	12.768	202	37533	3.787	ng	# 84
83) Chrysene	14.004	228	18675	2.700	ng	# 68
84) Bis(2-ethylhexyl)phtha...	13.962	149	145626	32.000	ng	# 95
88) Benzo(b)fluoranthene	15.009	252	23357	3.911	ng	# 1
89) Benzo(k)fluoranthene	15.009	252	22964	3.969	ng	# 1

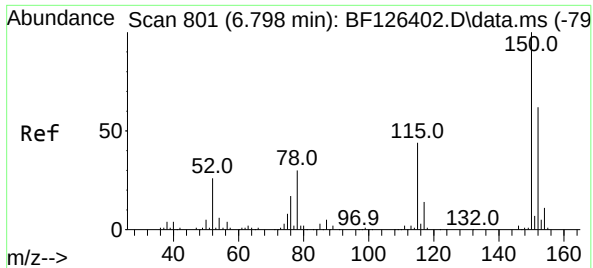
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
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BNA_F
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Quant Time: Dec 31 05:39:06 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

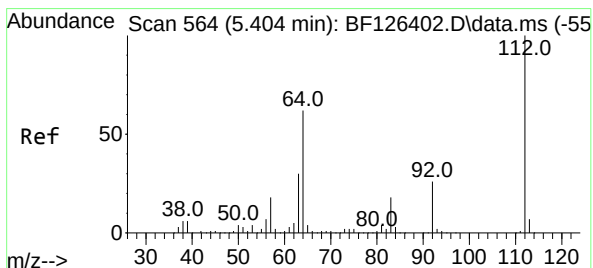
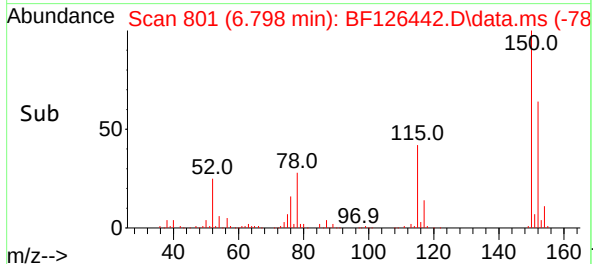
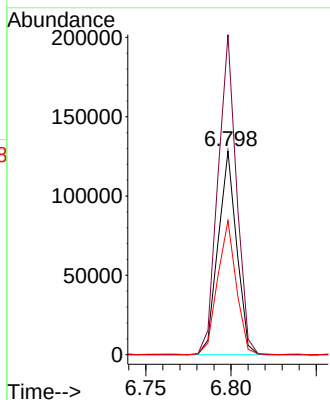
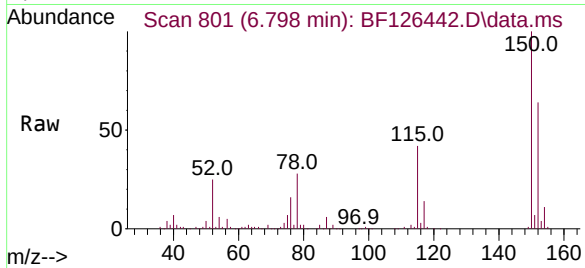




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

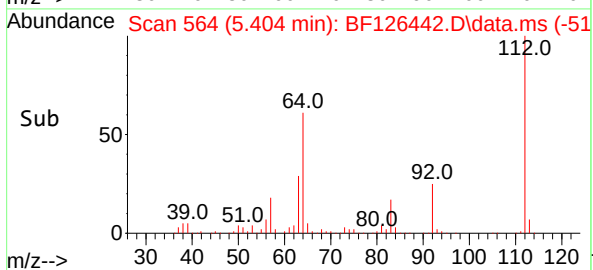
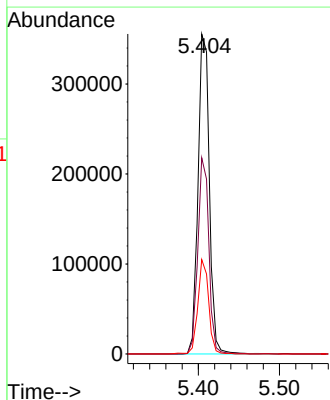
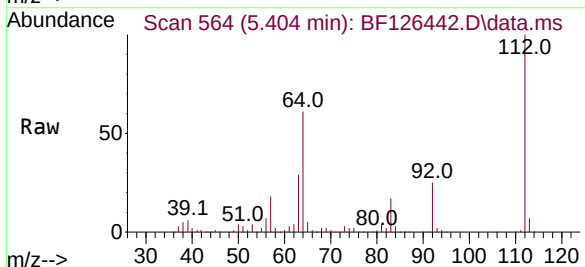
Instrument :
BNA_F
ClientSampleId :
CONC-13A

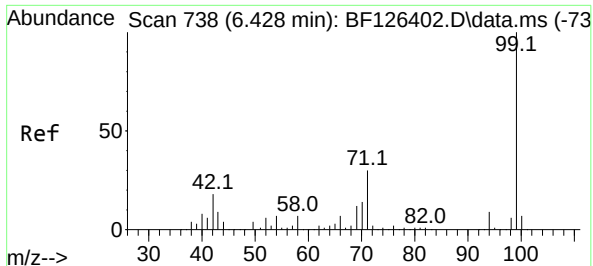
Tgt Ion:152 Resp: 97185
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 65.9 56.7 85.1



#5
2-Fluorophenol
Concen: 51.120 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion:112 Resp: 345952
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 29.5 23.9 35.9

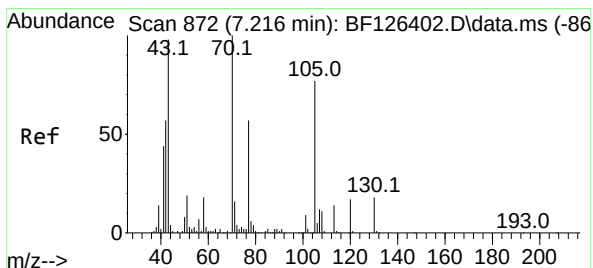
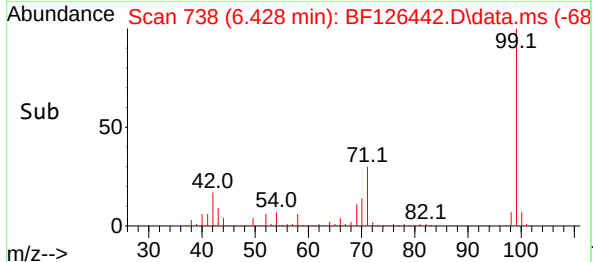
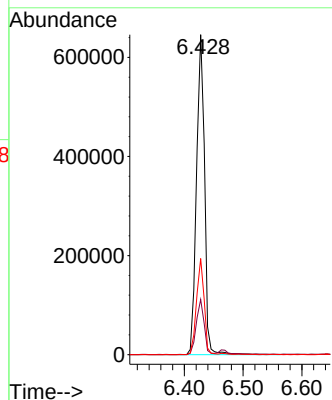
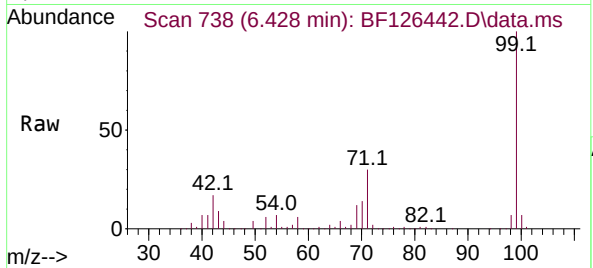




#7
Phenol-d6
Concen: 69.910 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

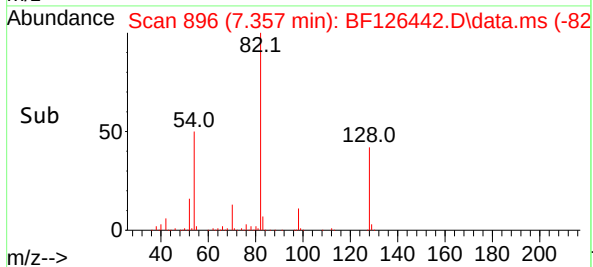
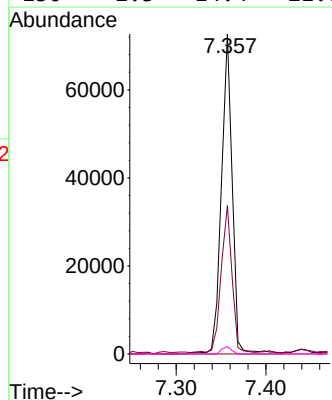
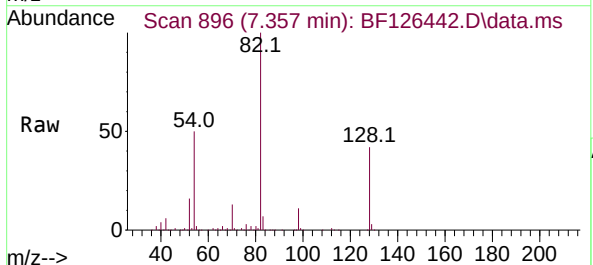
Instrument :
BNA_F
ClientSampleId :
CONC-13A

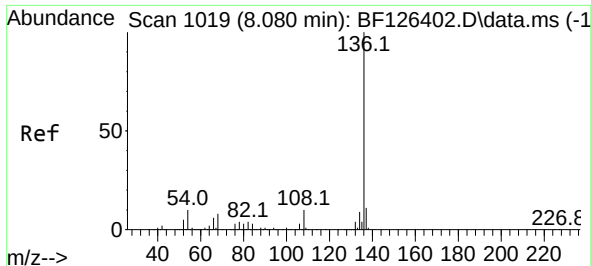
Tgt Ion: 99 Resp: 612783
Ion Ratio Lower Upper
99 100
42 17.3 14.2 21.4
71 30.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.208 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion: 70 Resp: 61060
Ion Ratio Lower Upper
70 100
42 46.4 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#

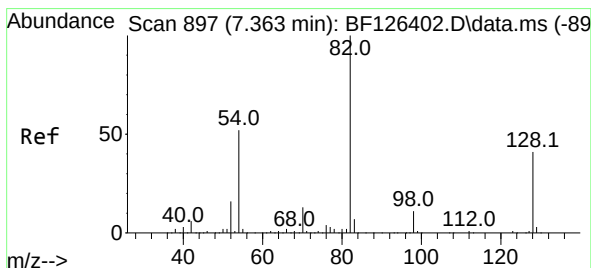
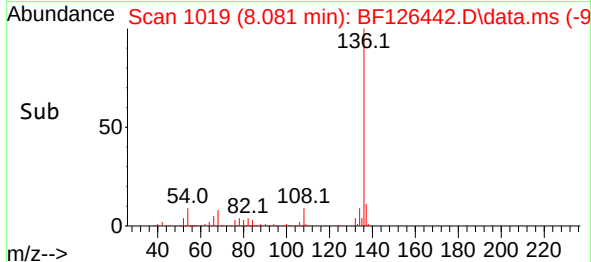
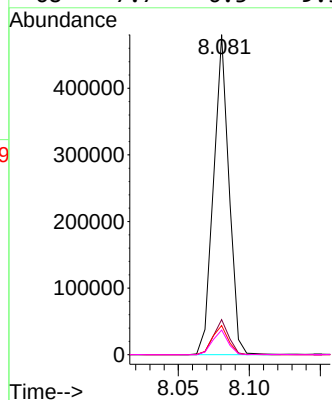
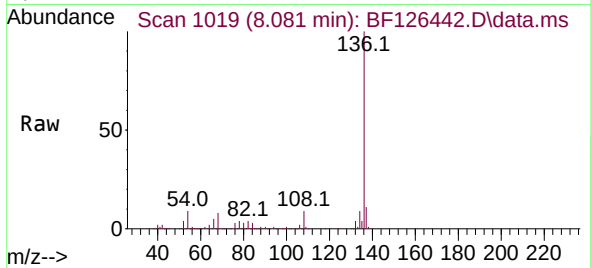




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

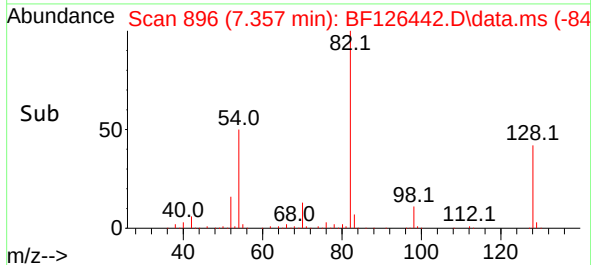
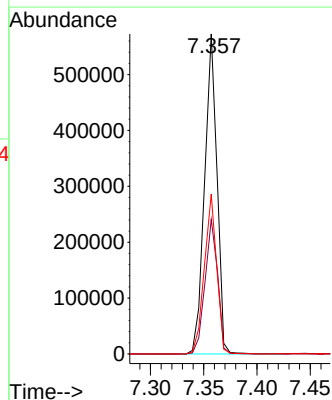
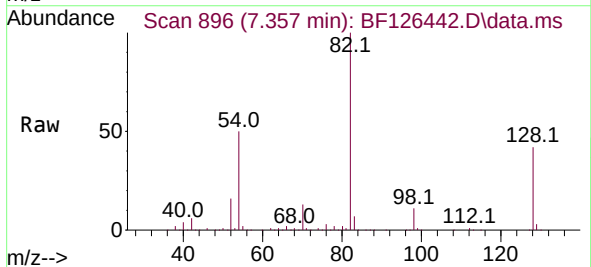
Instrument :
BNA_F
ClientSampleId :
CONC-13A

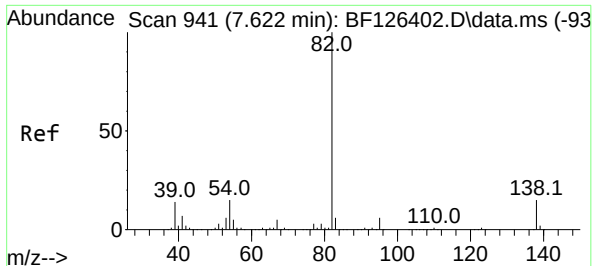
Tgt Ion:136 Resp: 363065
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.8 11.6
68 7.7 6.3 9.5



#23
Nitrobenzene-d5
Concen: 65.970 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion: 82 Resp: 466467
Ion Ratio Lower Upper
82 100
128 42.1 32.7 49.1
54 50.0 41.7 62.5

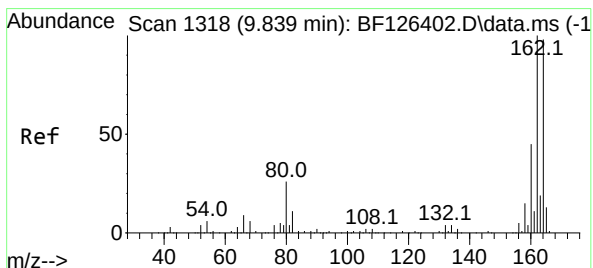
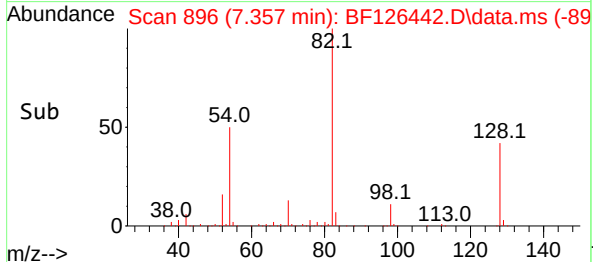
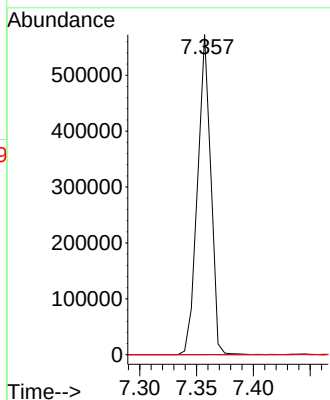
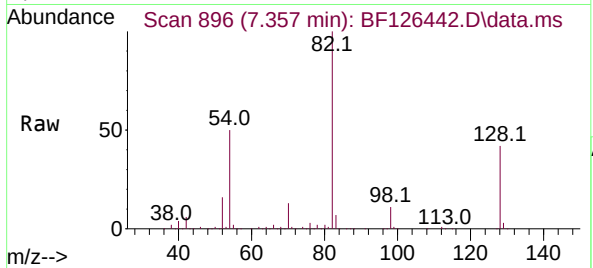




#25
Isophorone
Concen: 36.851 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

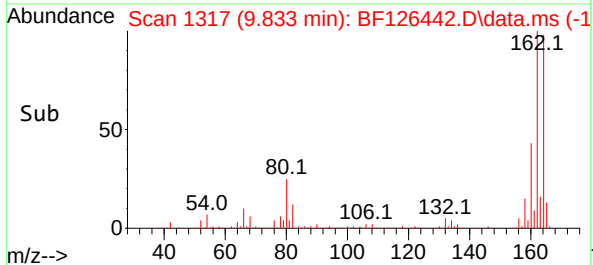
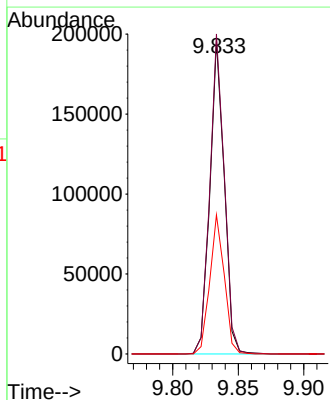
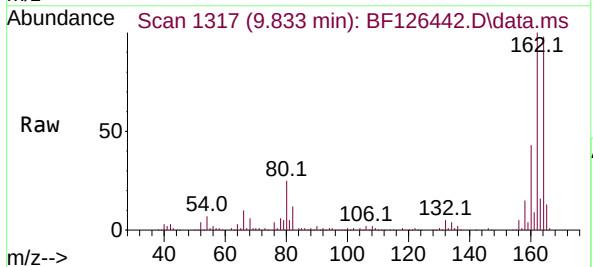
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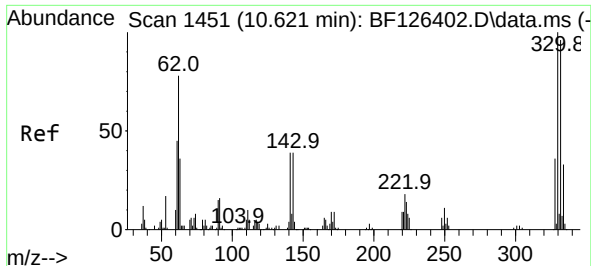
Tgt Ion: 82 Resp: 466461
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

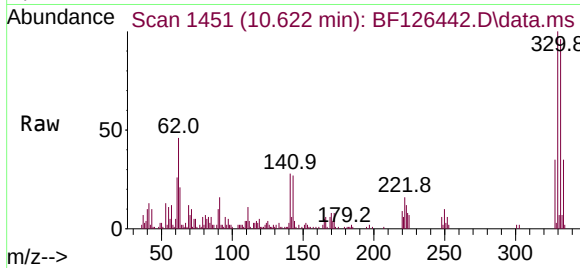
Tgt Ion: 164 Resp: 149406
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 44.4 36.6 54.8



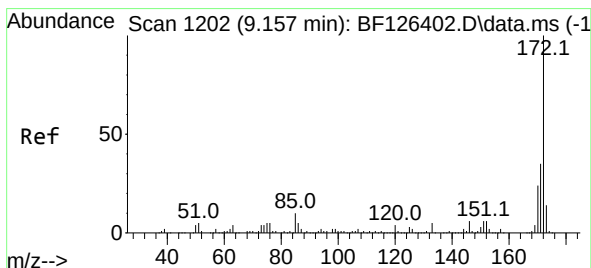
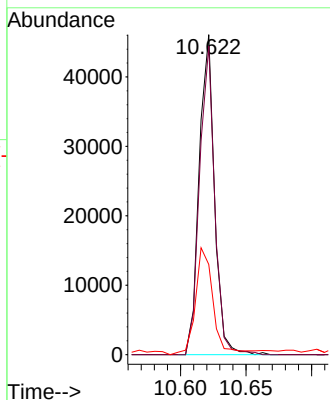
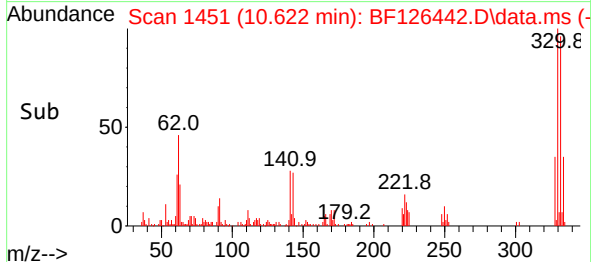


#42
2,4,6-Tribromophenol
Concen: 32.555 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

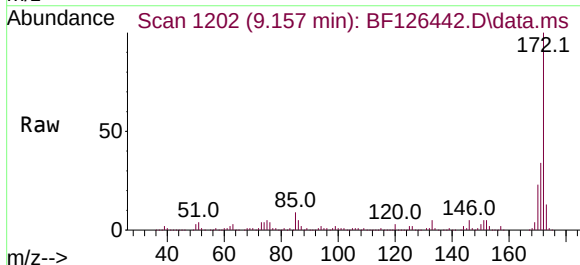
Instrument :
BNA_F
ClientSampleId :
CONC-13A



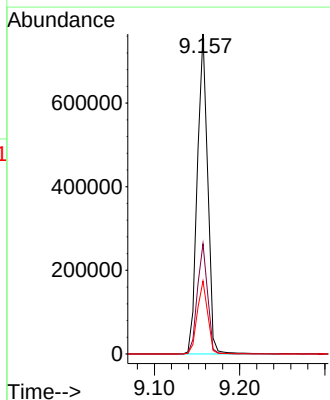
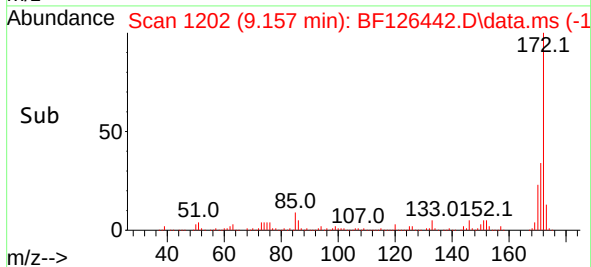
Tgt Ion:330 Resp: 37586
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 38.3 30.1 45.1

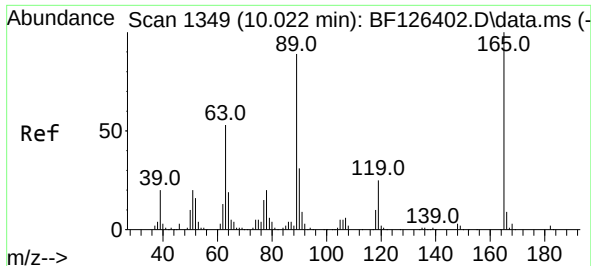


#45
2-Fluorobiphenyl
Concen: 76.439 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22



Tgt Ion:172 Resp: 648991
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.8 19.0 28.6

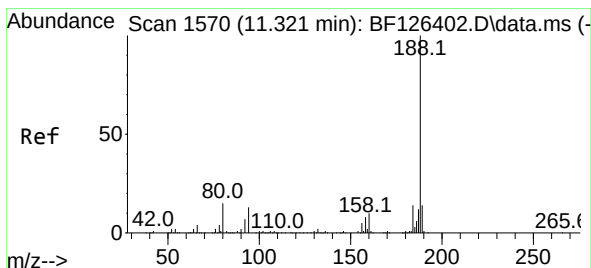
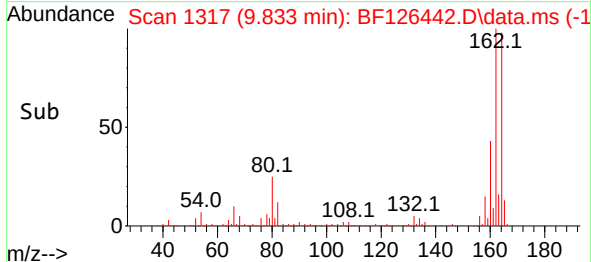
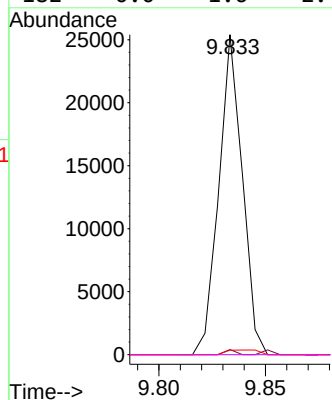
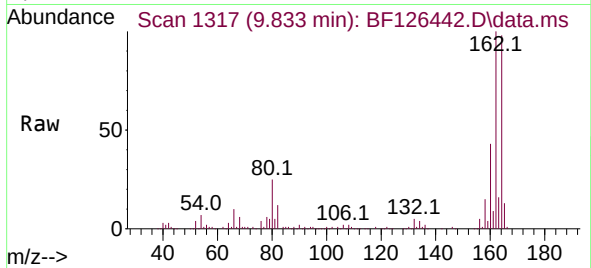




#57
2,4-Dinitrotoluene
Concen: 7.476 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

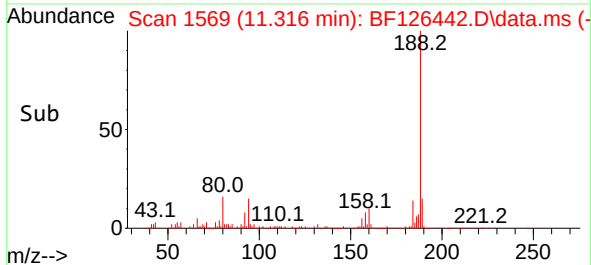
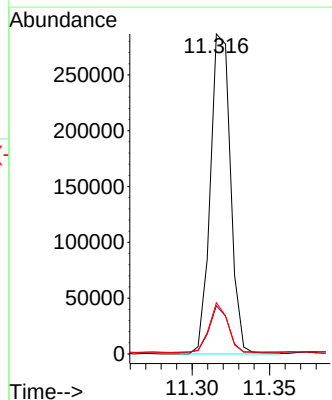
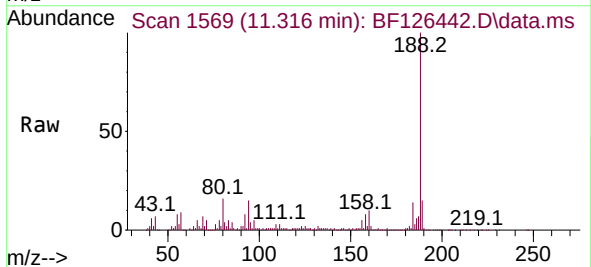
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CONC-13A

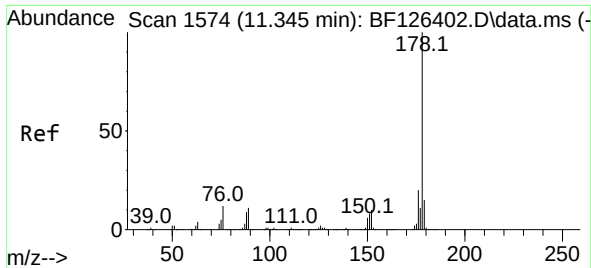
Tgt Ion:165 Resp: 19428
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion:188 Resp: 259921
Ion Ratio Lower Upper
188 100
94 15.1 10.1 15.1
80 16.0 11.8 17.6

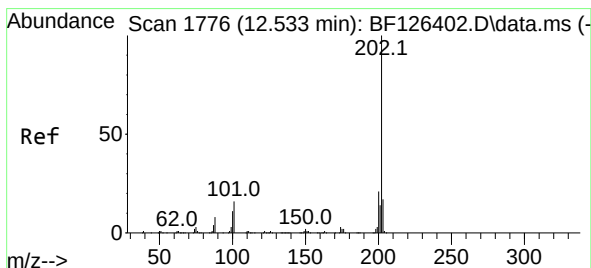
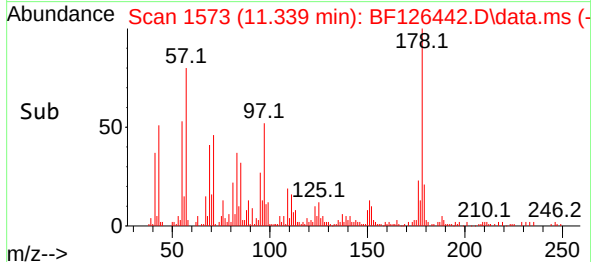
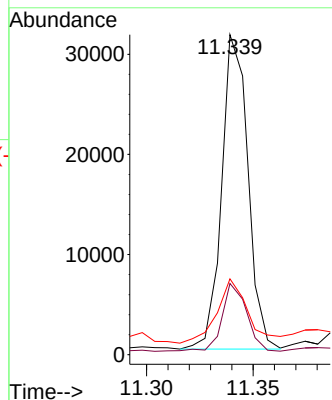
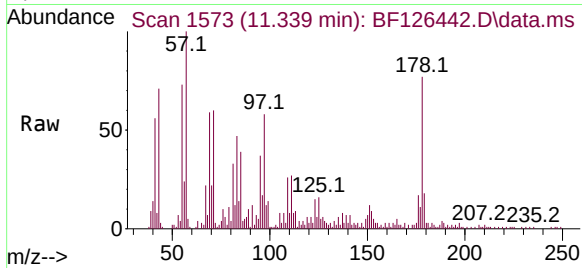




#71
Phenanthrene
Concen: 2.022 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

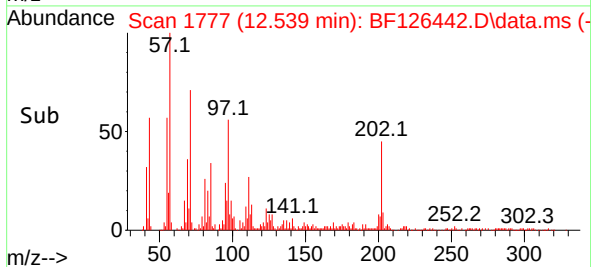
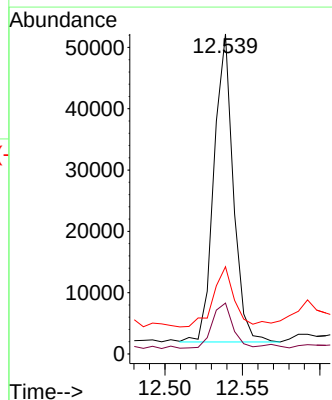
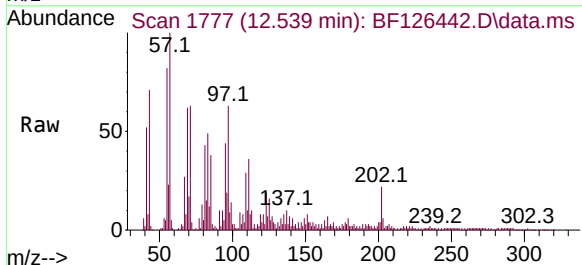
Instrument :
BNA_F
ClientSampleId :
CONC-13A

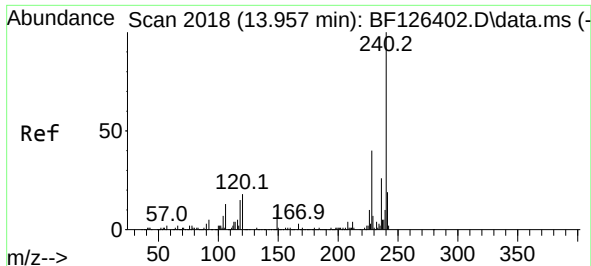
Tgt Ion:178 Resp: 26863
Ion Ratio Lower Upper
178 100
176 22.3 15.7 23.5
179 23.7 12.3 18.5#



#75
Fluoranthene
Concen: 3.585 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion:202 Resp: 43479
Ion Ratio Lower Upper
202 100
101 15.9 0.0 35.7
203 27.3 0.0 37.1

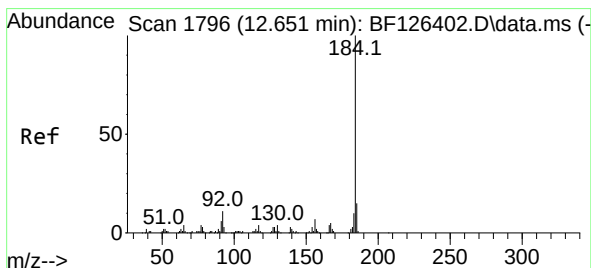
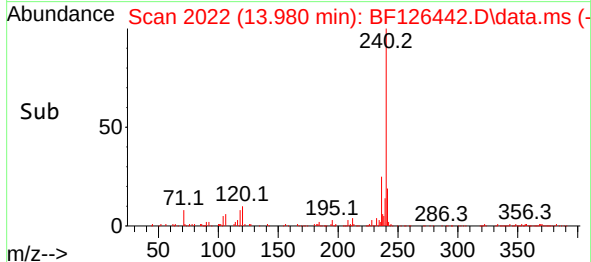
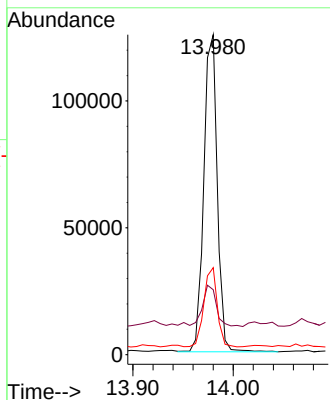
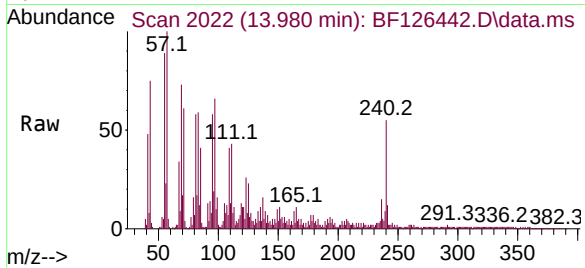




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. 0.024 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

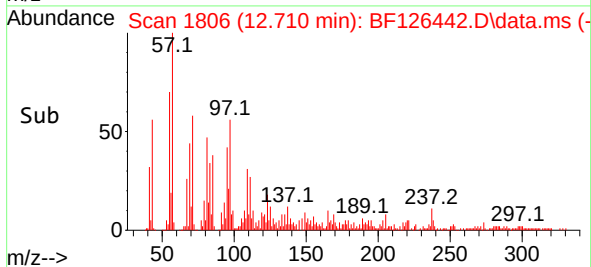
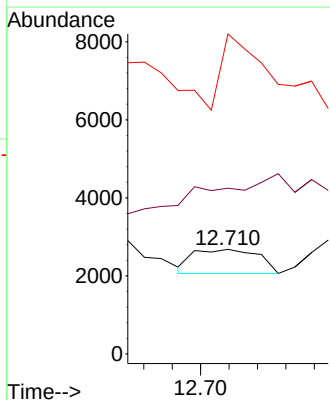
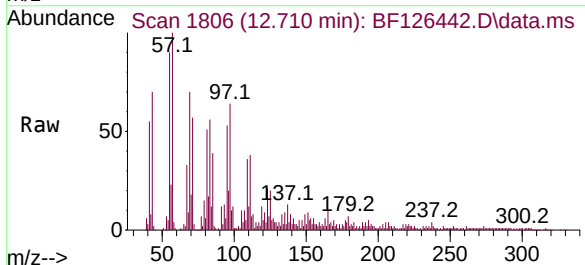
Instrument :
BNA_F
ClientSampleId :
CONC-13A

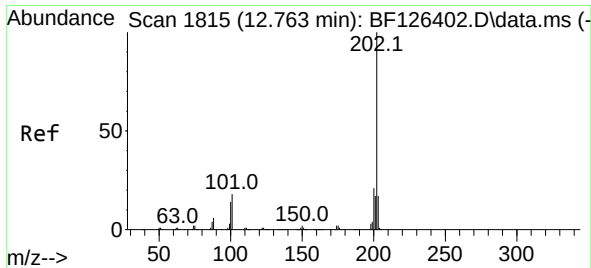
Tgt Ion:240 Resp: 117263
Ion Ratio Lower Upper
240 100
120 20.3 14.4 21.6
236 27.2 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.710 min Scan# 1806
Delta R.T. 0.059 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion:184 Resp: 980
Ion Ratio Lower Upper
184 100
185 158.4 11.8 17.8#
183 305.8 8.2 12.2#

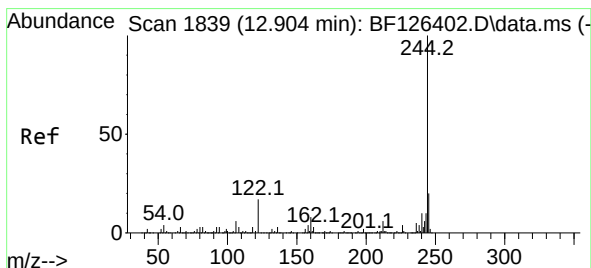
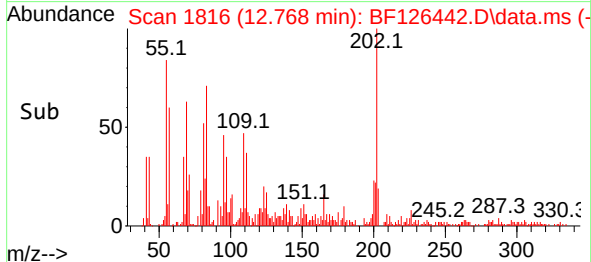
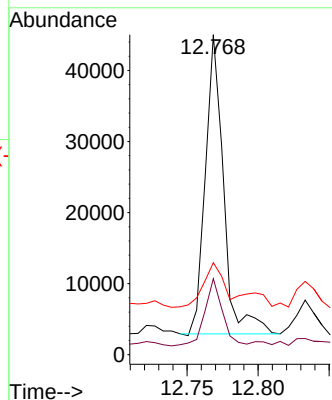
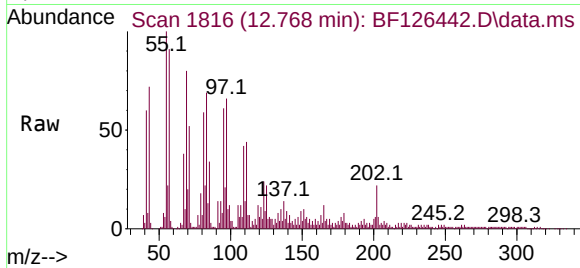




#78
 Pyrene
 Concen: 3.787 ng
 RT: 12.768 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF126442.D
 Acq: 31 Dec 2021 3:22

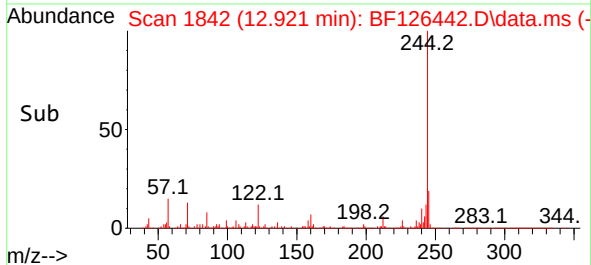
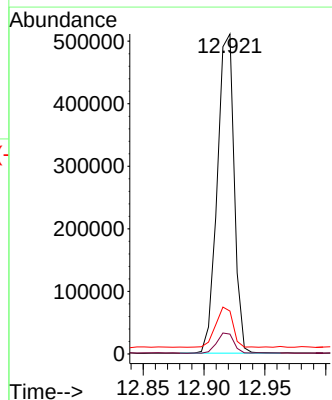
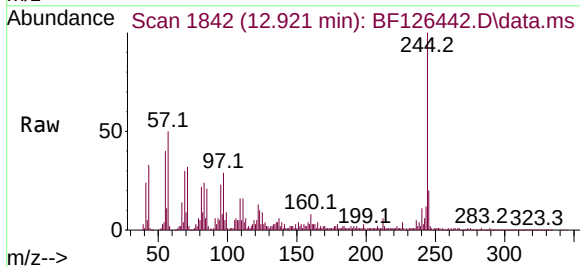
Instrument :
 BNA_F
 ClientSampleId :
 CONC-13A

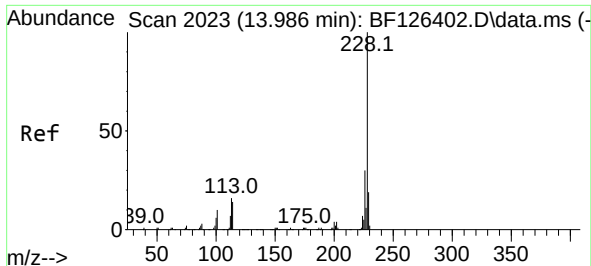
Tgt Ion:202 Resp: 37533
 Ion Ratio Lower Upper
 202 100
 200 23.8 16.6 24.8
 203 28.8 13.8 20.8#



#79
 Terphenyl-d14
 Concen: 82.092 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.018 min
 Lab File: BF126442.D
 Acq: 31 Dec 2021 3:22

Tgt Ion:244 Resp: 495455
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 13.4 13.3 19.9

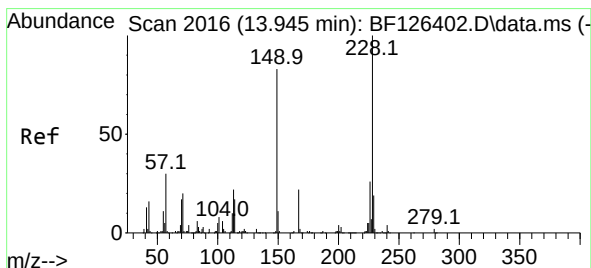
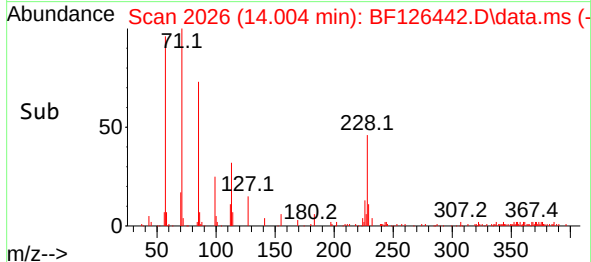
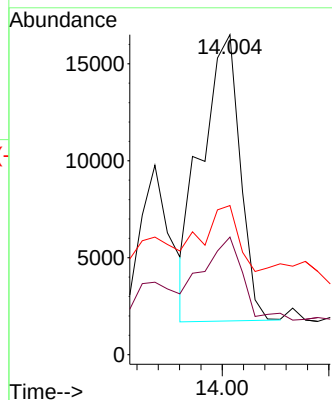
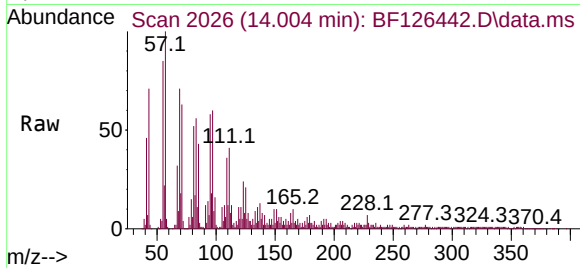




#83
Chrysene
Concen: 2.700 ng
RT: 14.004 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

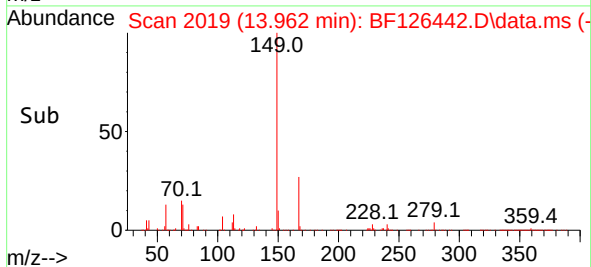
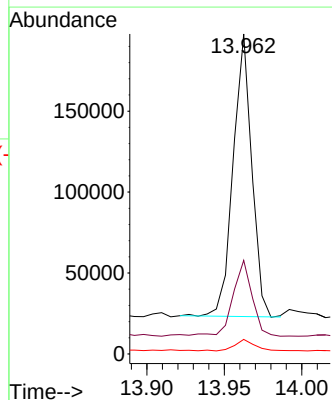
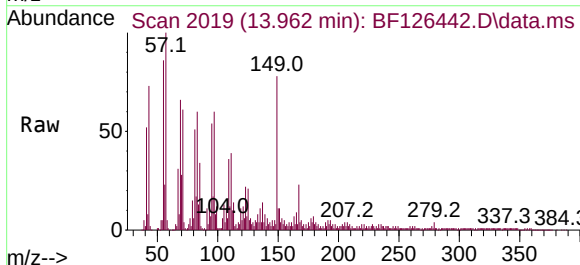
Instrument :
BNA_F
ClientSampleId :
CONC-13A

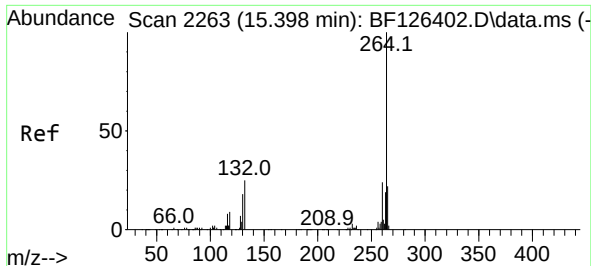
Tgt Ion:228 Resp: 18675
Ion Ratio Lower Upper
228 100
226 36.8 23.7 35.5#
229 46.6 15.5 23.3#



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion:149 Resp: 145626
Ion Ratio Lower Upper
149 100
167 29.3 21.4 32.2
279 4.5 2.4 3.6#

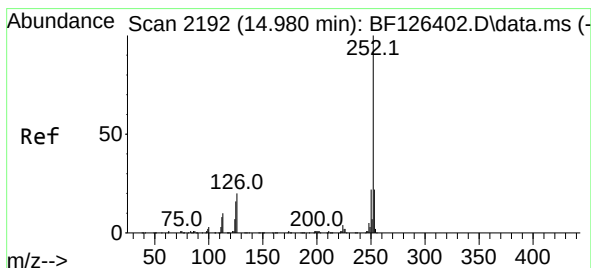
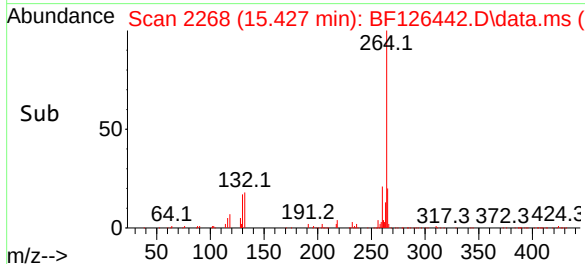
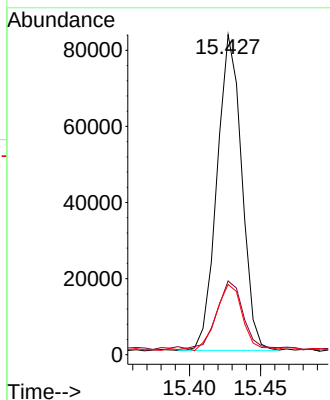
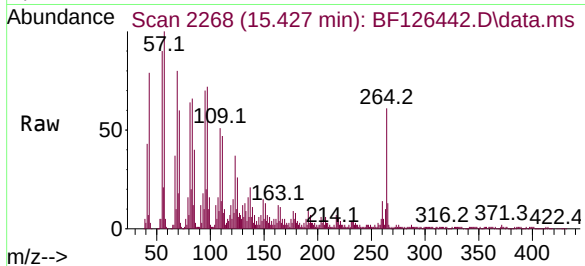




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

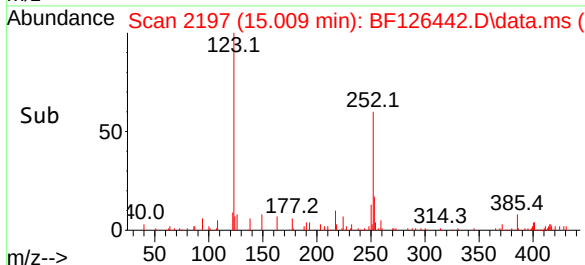
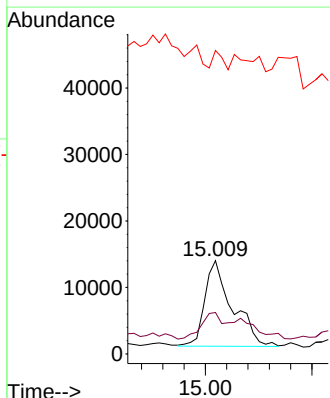
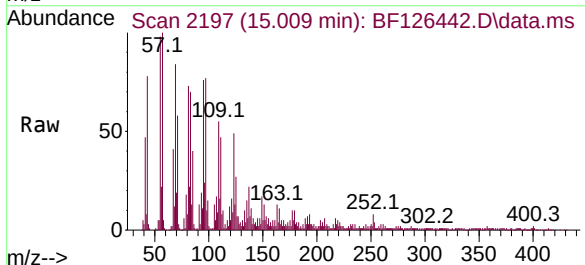
Instrument :
BNA_F
ClientSampleId :
CONC-13A

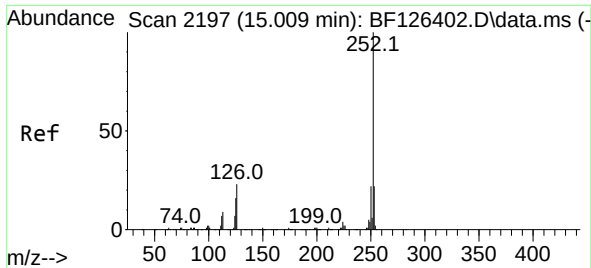
Tgt Ion:264 Resp: 100264
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.9 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 3.911 ng
RT: 15.009 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

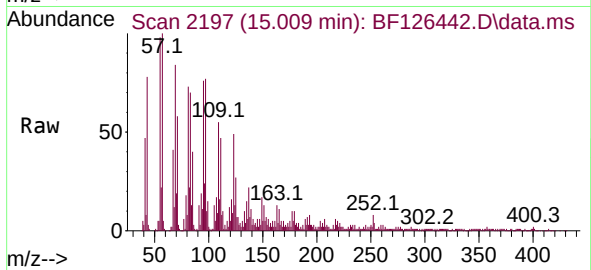
Tgt Ion:252 Resp: 23357
Ion Ratio Lower Upper
252 100
253 44.4 17.8 26.8#
125 325.3 12.4 18.6#





#89
Benzo(k)fluoranthene
Concen: 3.969 ng
RT: 15.009 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Instrument :
BNA_F
ClientSampleId :
CONC-13A



Tgt Ion:252 Resp: 22964
Ion Ratio Lower Upper
252 100
253 44.4 17.5 26.3#
125 325.3 11.8 17.6#

