

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126317.D
 Acq On : 22 Dec 2021 1:58
 Operator : JU/CG
 Sample : M5184-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:24:29 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)

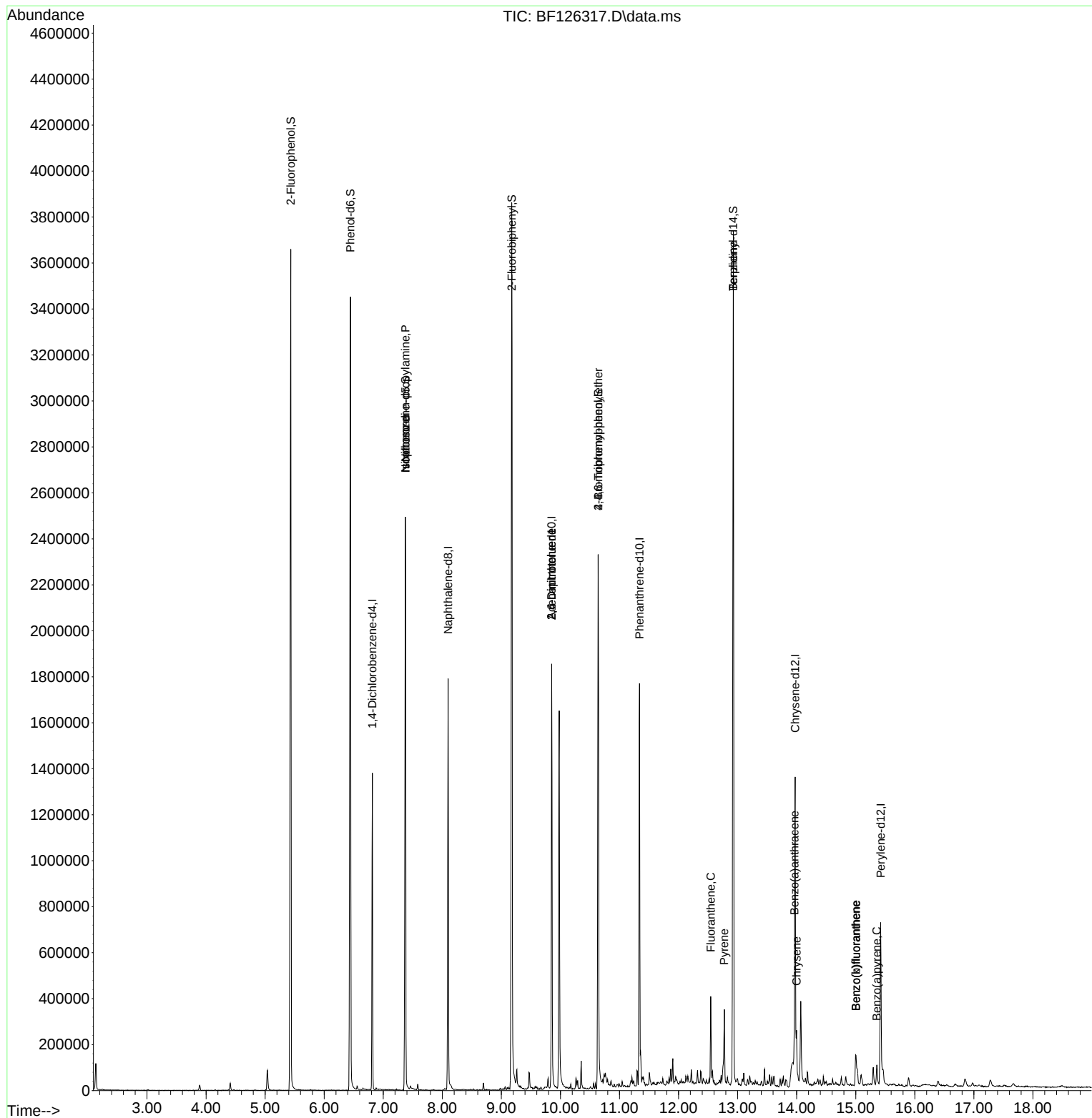
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	186278	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	831419	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	404427	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	668519	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	429909	20.000	ng	0.00
86) Perylene-d12	15.421	264	325136	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1124780	88.921	ng	0.01
7) Phenol-d6	6.445	99	1463575	91.125	ng	0.00
23) Nitrobenzene-d5	7.375	82	964681	62.840	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	315301	97.011	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1422169	61.675	ng	0.00
79) Terphenyl-d14	12.927	244	1325537	53.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	123534	12.529	ng	# 54
25) Isophorone	7.375	82	922035	31.806	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	50658	9.136	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	50658	7.162	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	16396	2.613	ng	# 1
75) Fluoranthene	12.545	202	137824	4.433	ng	92
77) Benzidine	12.927	184	15848	2.338	ng	96
78) Pyrene	12.774	202	117933	2.986	ng	97
81) Benzo(a)anthracene	13.963	228	52066	2.045	ng	98
83) Chrysene	13.998	228	70802	2.676	ng	98
88) Benzo(b)fluoranthene	15.004	252	106816	5.468	ng	# 96
89) Benzo(k)fluoranthene	15.004	252	106816	5.716	ng	# 93
90) Benzo(a)pyrene	15.357	252	46525	2.865	ng	# 94

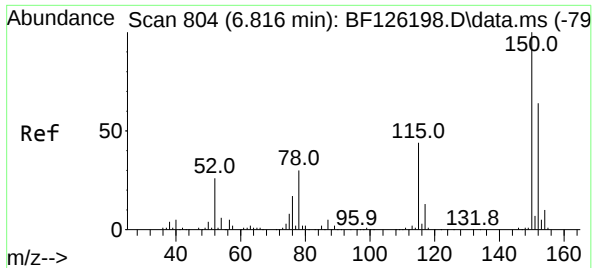
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
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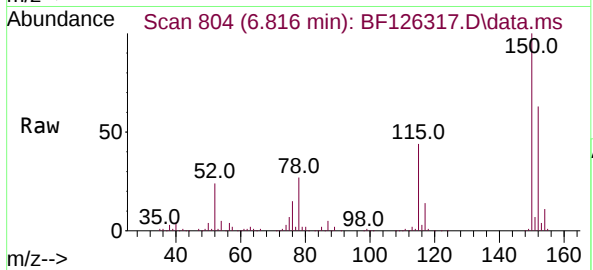
Quant Time: Dec 22 05:24:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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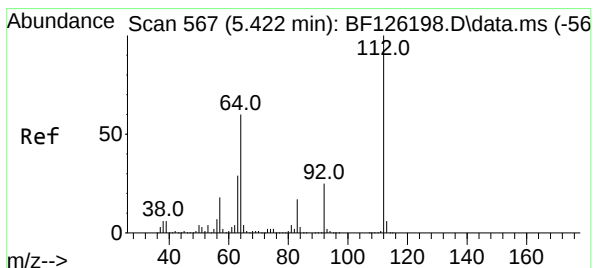
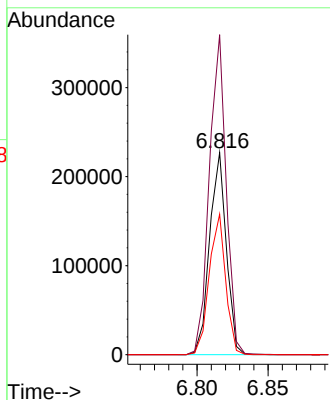
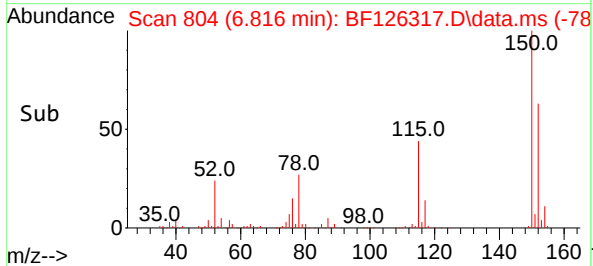


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126317.D
 Acq: 22 Dec 2021 1:58

Instrument :
 BNA_F
 ClientSampleId :

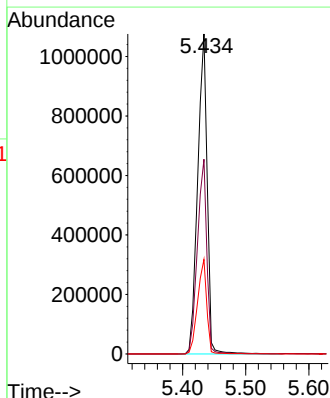
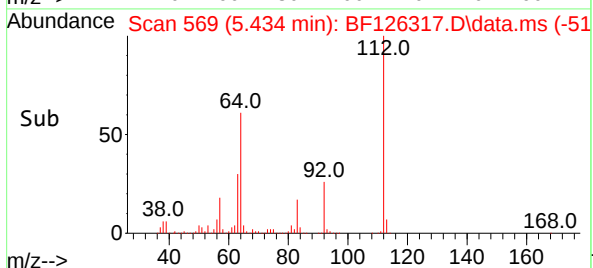
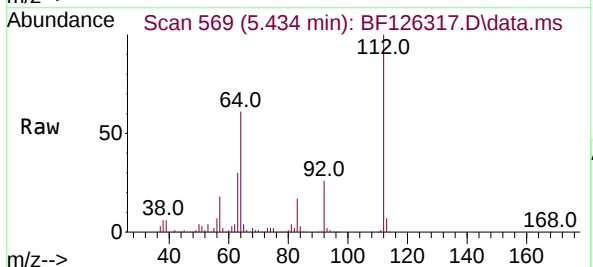


Tgt Ion:152 Resp: 186278
 Ion Ratio Lower Upper
 152 100
 150 158.4 117.6 176.4
 115 69.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 88.921 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF126317.D
 Acq: 22 Dec 2021 1:58

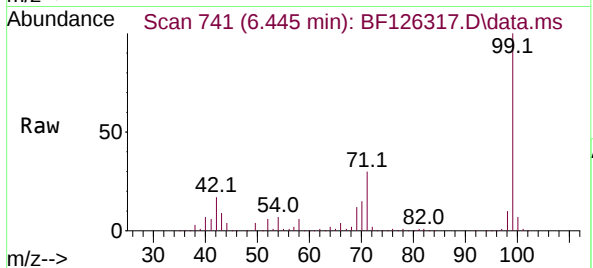
Tgt Ion:112 Resp: 1124780
 Ion Ratio Lower Upper
 112 100
 64 60.8 44.2 66.2
 63 29.6 26.2 39.2



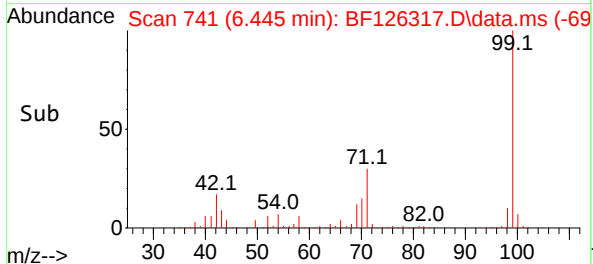
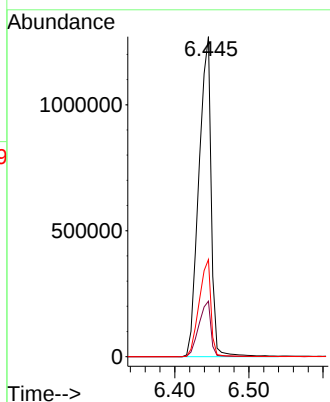


#7
Phenol-d6
Concen: 91.125 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

Instrument :
BNA_F
ClientSampleId :

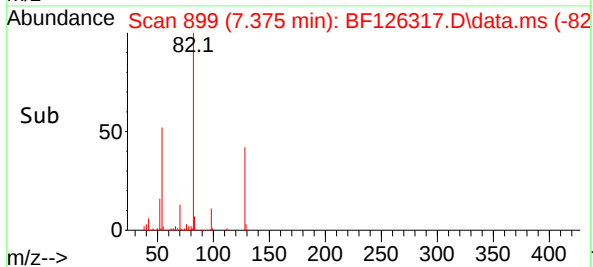
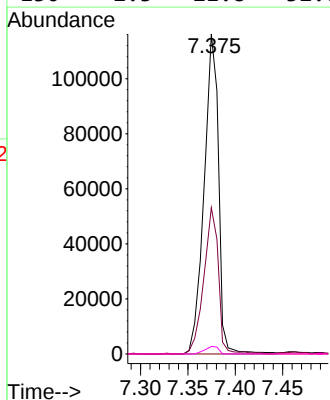
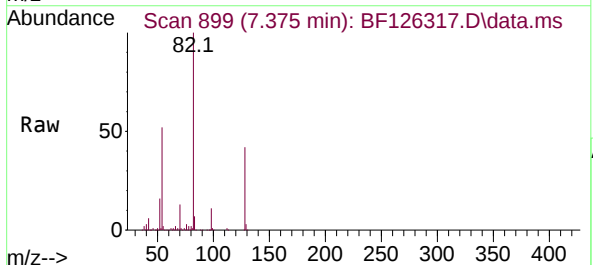


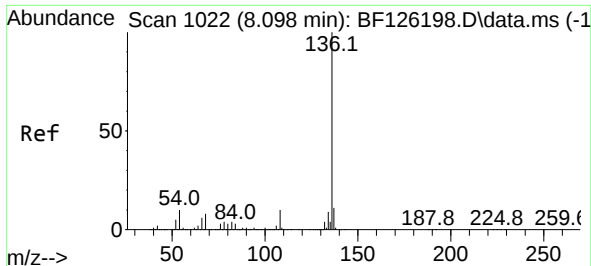
Tgt Ion: 99 Resp: 1463575
Ion Ratio Lower Upper
99 100
42 17.3 23.5 35.3#
71 30.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.529 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

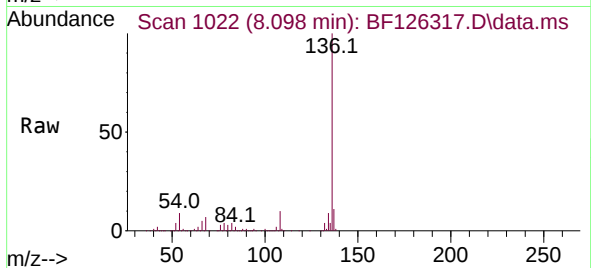
Tgt Ion: 70 Resp: 123534
Ion Ratio Lower Upper
70 100
42 45.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



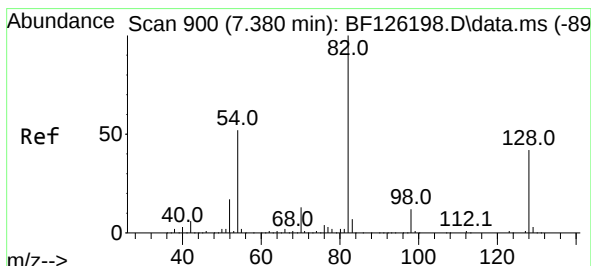
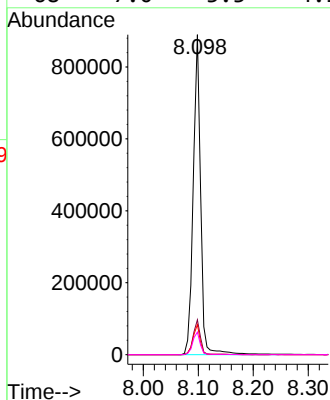
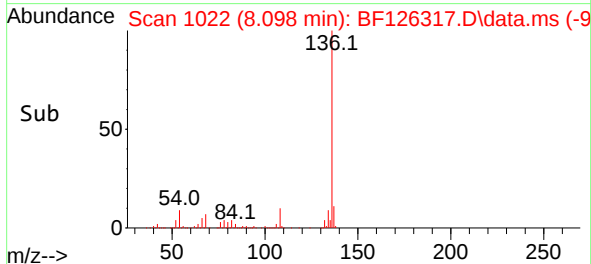


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

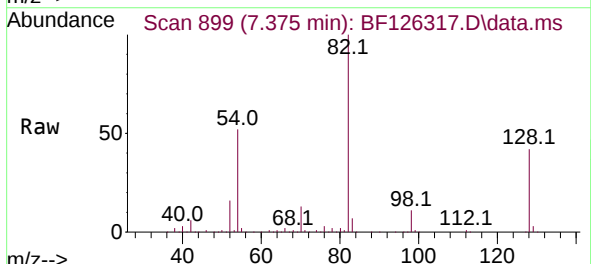
Instrument :
BNA_F
ClientSampleId :



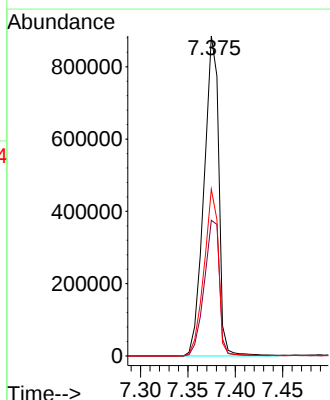
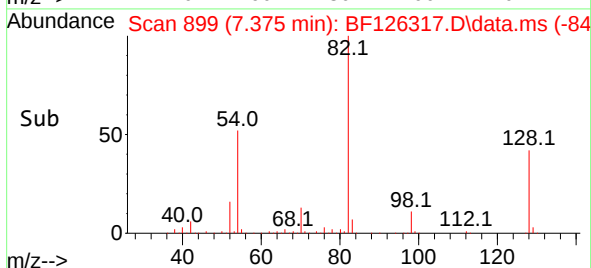
Tgt Ion:136 Resp: 831419
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.4 6.4 9.6
68 7.0 3.3 4.9#

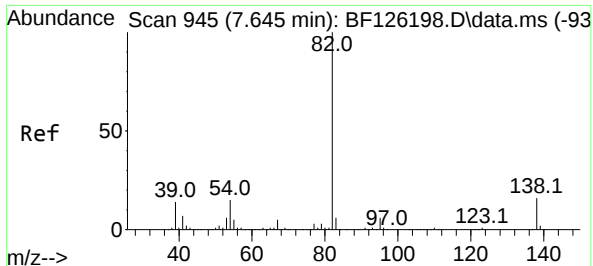


#23
Nitrobenzene-d5
Concen: 62.840 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



Tgt Ion: 82 Resp: 964681
Ion Ratio Lower Upper
82 100
128 42.4 40.6 60.8
54 52.1 49.6 74.4

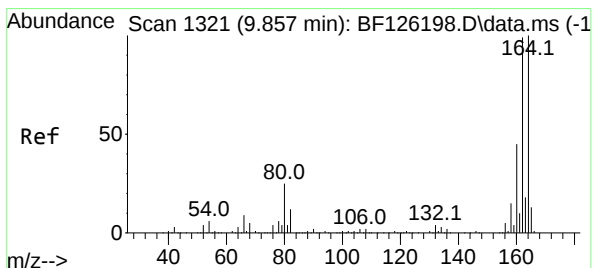
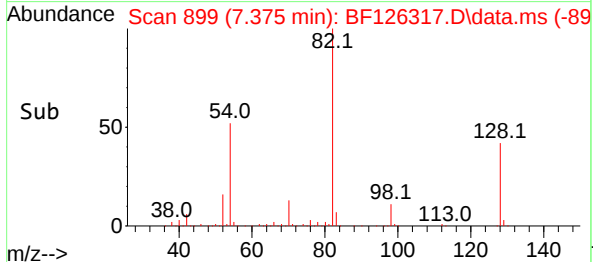
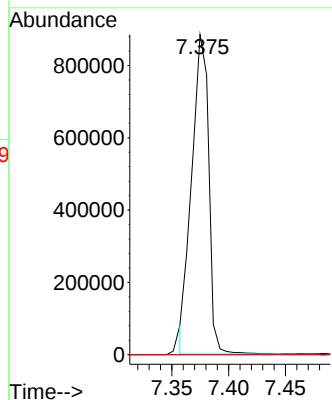
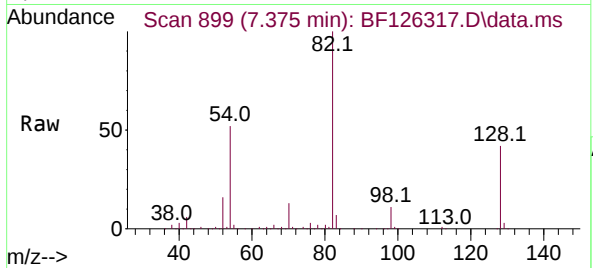




#25
Isophorone
Concen: 31.806 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

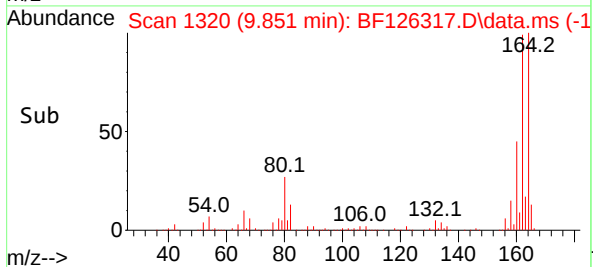
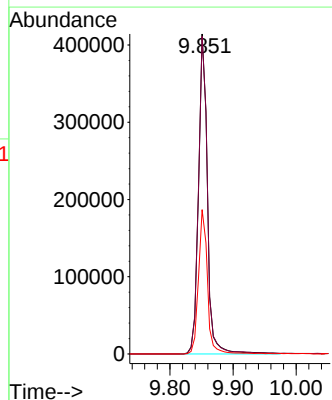
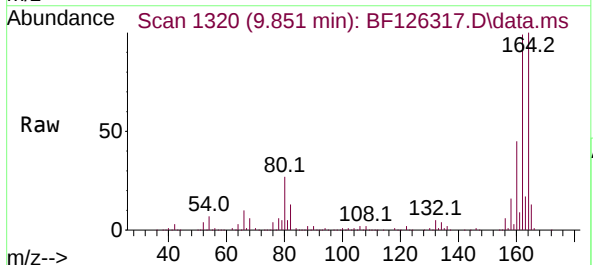
Instrument :
BNA_F
ClientSampleId :

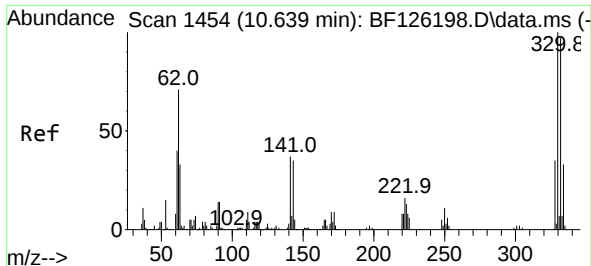
Tgt Ion: 82 Resp: 922035
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

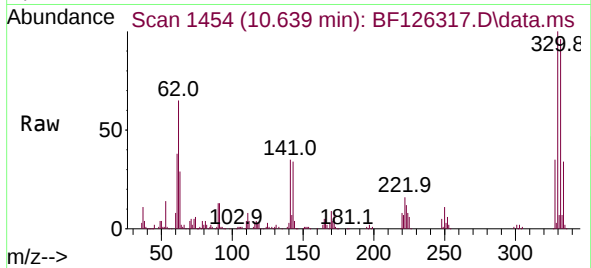
Tgt Ion:164 Resp: 404427
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 45.1 38.0 57.0



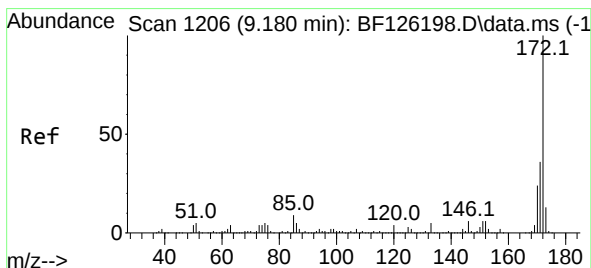
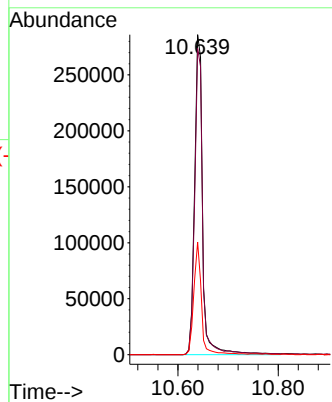
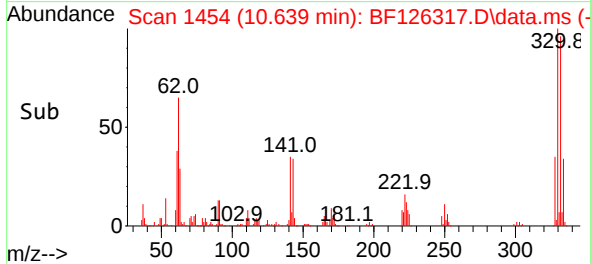


#42
2,4,6-Tribromophenol
Concen: 97.011 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

Instrument :
BNA_F
ClientSampleId :

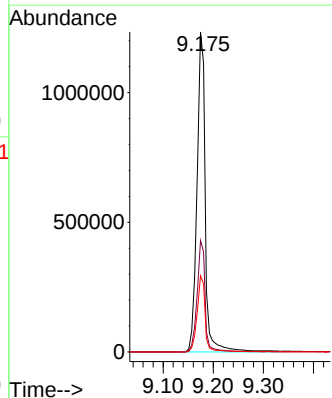
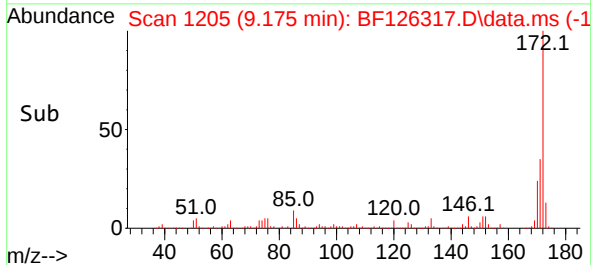
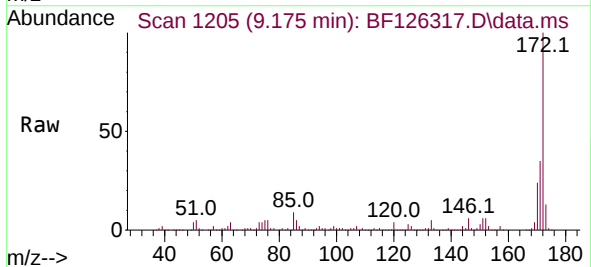


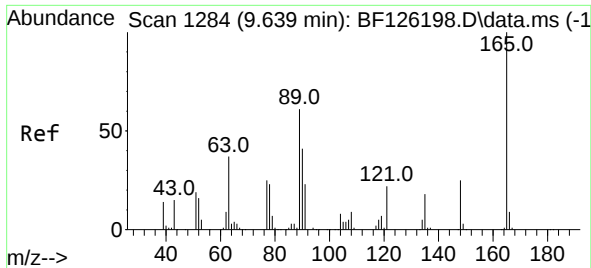
Tgt Ion: 330 Resp: 315301
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.675 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

Tgt Ion: 172 Resp: 1422169
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.8 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.136 ng

RT: 9.851 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF126317.D

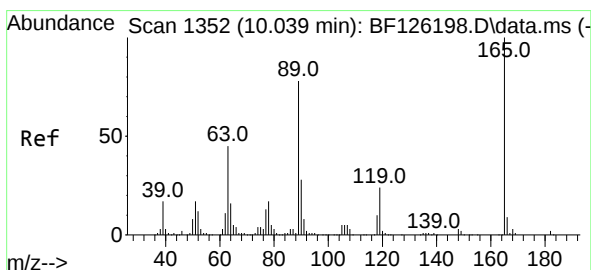
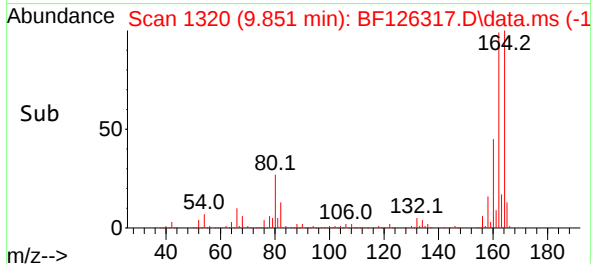
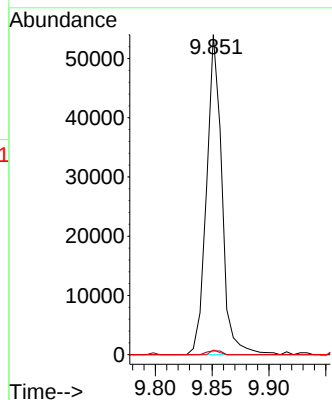
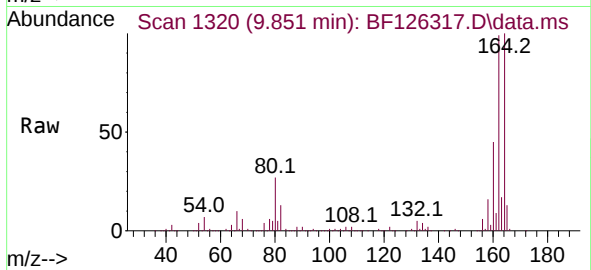
Acq: 22 Dec 2021 1:58

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	50658
Ion Ratio	Lower	Upper
165	100	
63	1.2	42.6 63.8#
89	1.4	40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.162 ng

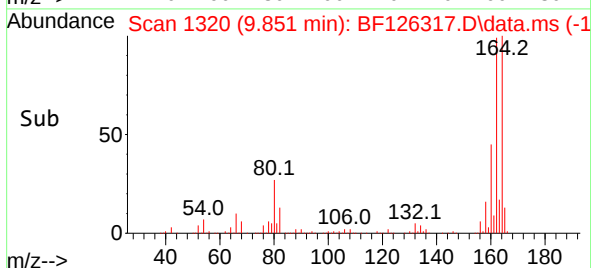
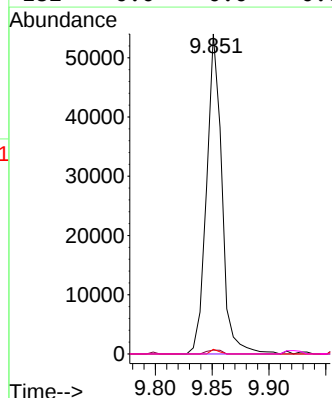
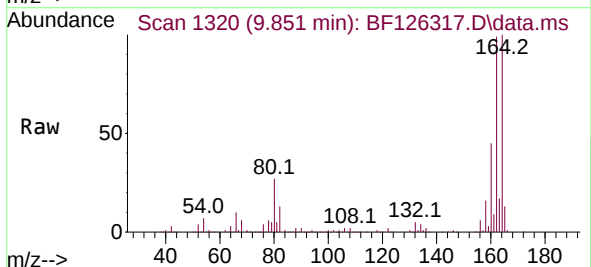
RT: 9.851 min Scan# 1320

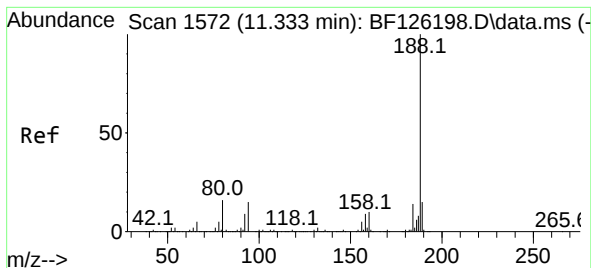
Delta R.T. -0.188 min

Lab File: BF126317.D

Acq: 22 Dec 2021 1:58

Tgt Ion:165	Resp:	50658
Ion Ratio	Lower	Upper
165	100	
63	1.2	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: 11.339 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126317.D

Acq: 22 Dec 2021 1:58

Instrument :

BNA_F

ClientSampleId :

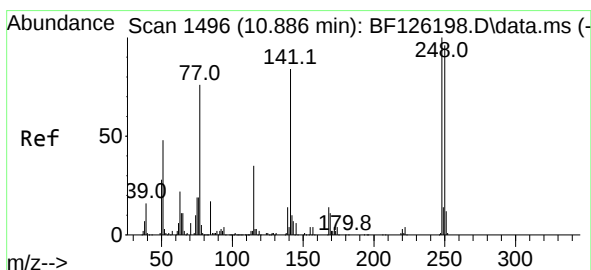
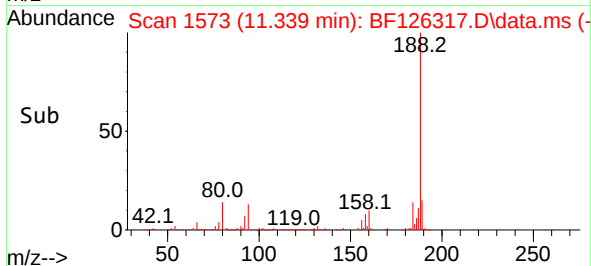
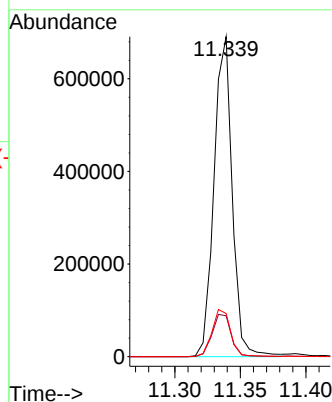
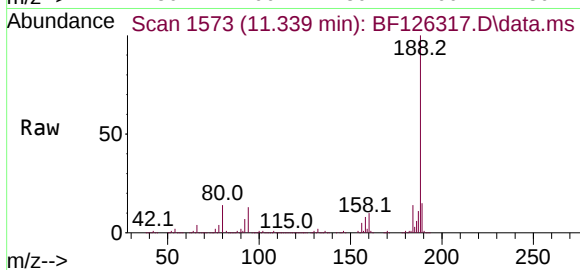
Tgt Ion:188 Resp: 668519

Ion Ratio Lower Upper

188 100

94 12.8 6.7 10.1#

80 13.5 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 2.613 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126317.D

Acq: 22 Dec 2021 1:58

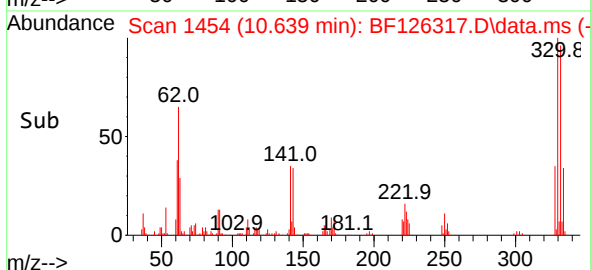
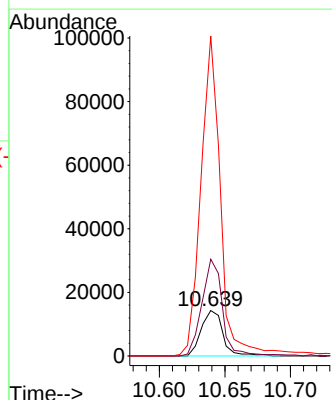
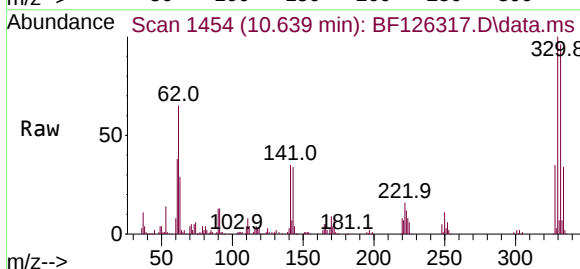
Tgt Ion:248 Resp: 16396

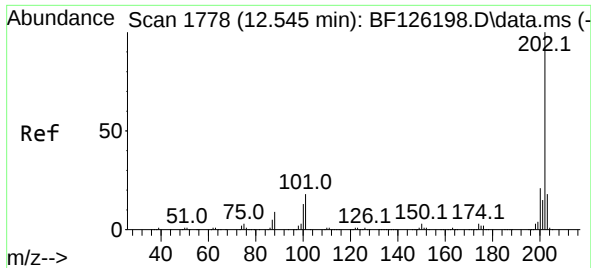
Ion Ratio Lower Upper

248 100

250 212.8 74.2 111.4#

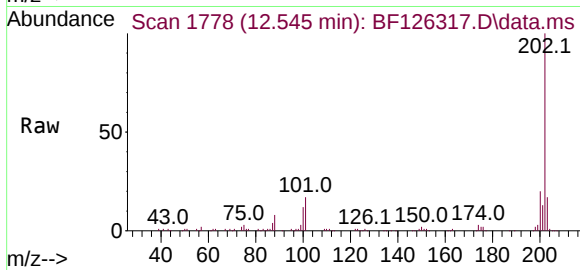
141 703.5 60.4 90.6#



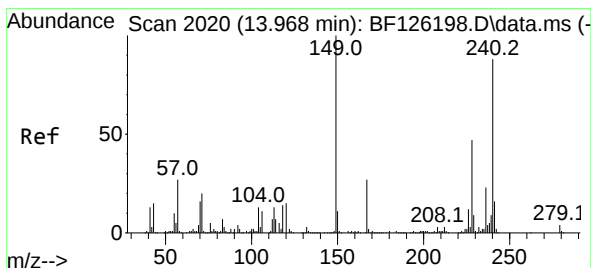
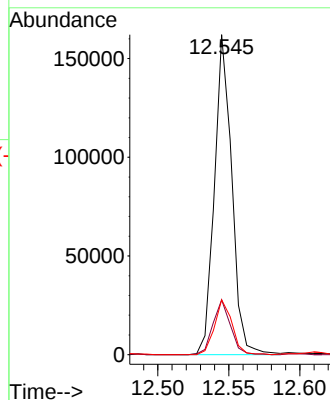
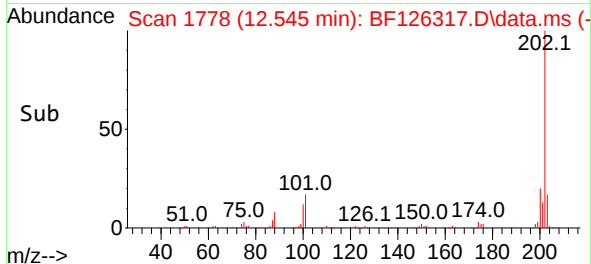


#75
Fluoranthene
Concen: 4.433 ng
RT: 12.545 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

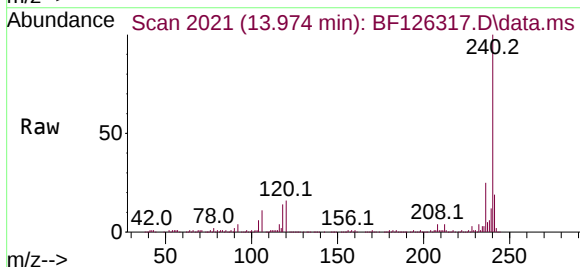
Instrument :
BNA_F
ClientSampleId :



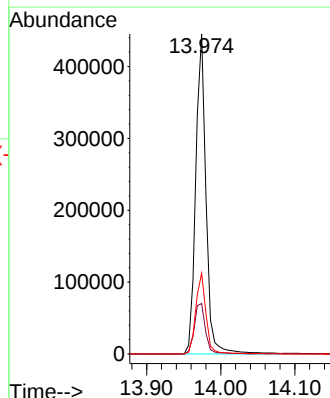
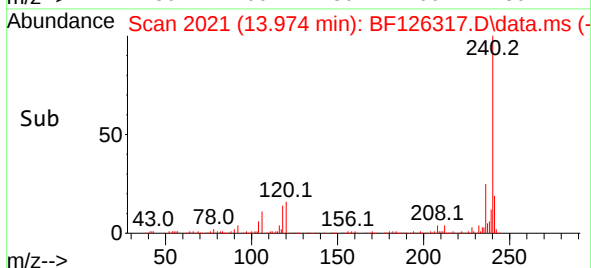
Tgt Ion:202 Resp: 137824
Ion Ratio Lower Upper
202 100
101 17.1 0.0 30.7
203 17.1 0.0 36.3

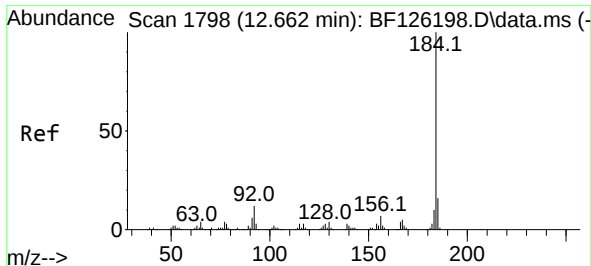


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



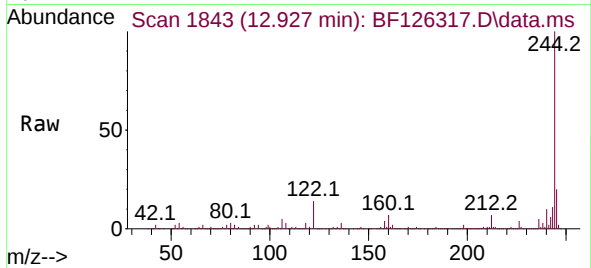
Tgt Ion:240 Resp: 429909
Ion Ratio Lower Upper
240 100
120 15.7 10.8 16.2
236 25.3 21.6 32.4



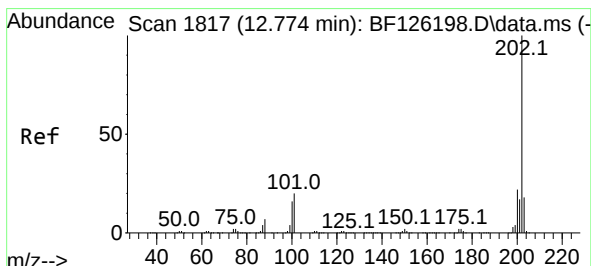
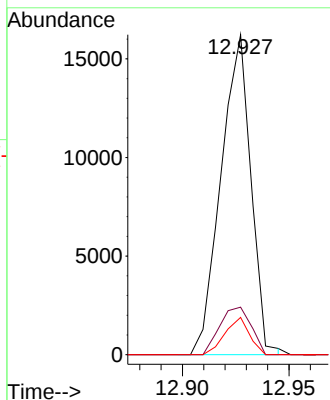
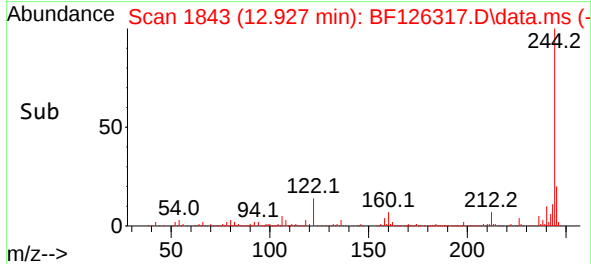


#77
Benzidine
Concen: 2.338 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

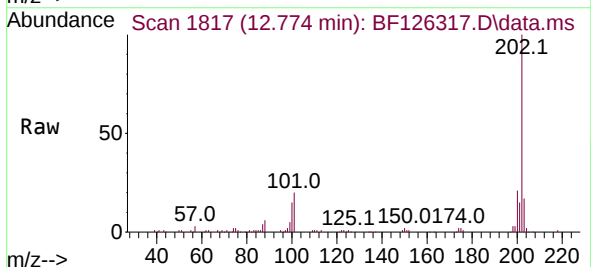
Instrument :
BNA_F
ClientSampleId :



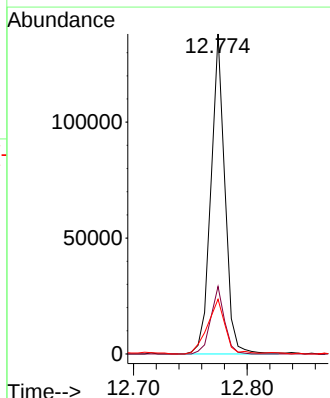
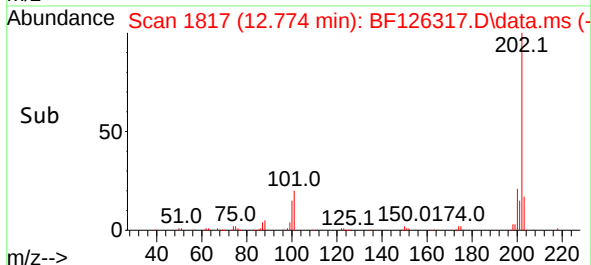
Tgt Ion:184 Resp: 15848
Ion Ratio Lower Upper
184 100
185 14.9 10.8 16.2
183 11.6 8.1 12.1

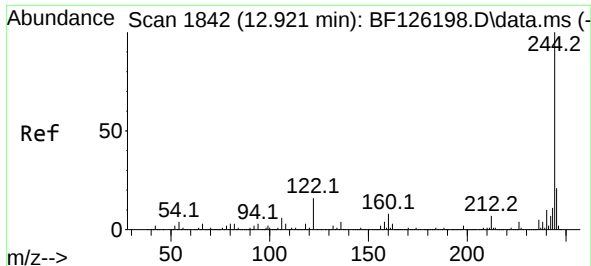


#78
Pyrene
Concen: 2.986 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



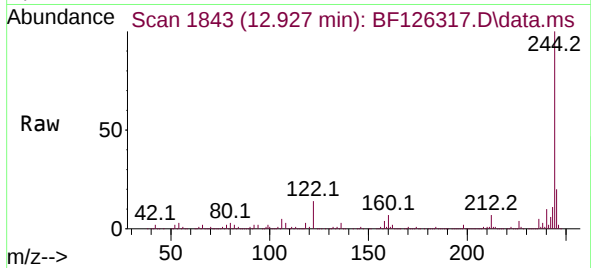
Tgt Ion:202 Resp: 117933
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.1 13.4 20.0



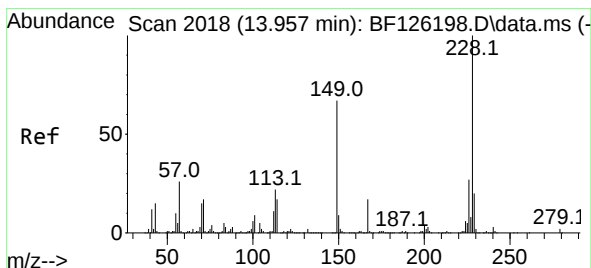
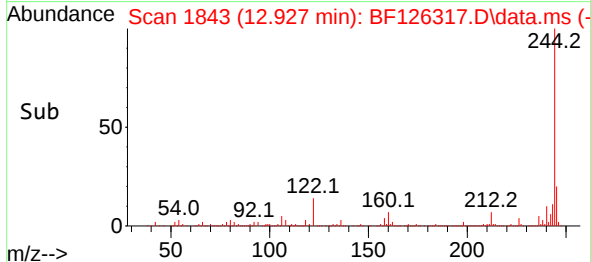
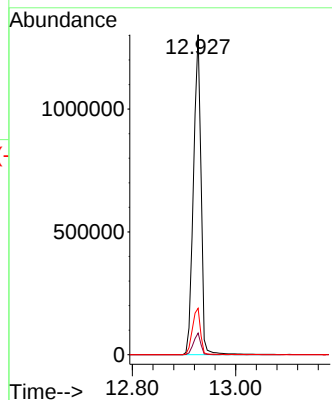


#79
 Terphenyl-d14
 Concen: 53.591 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF126317.D
 Acq: 22 Dec 2021 1:58

Instrument :
 BNA_F
 ClientSampleId :

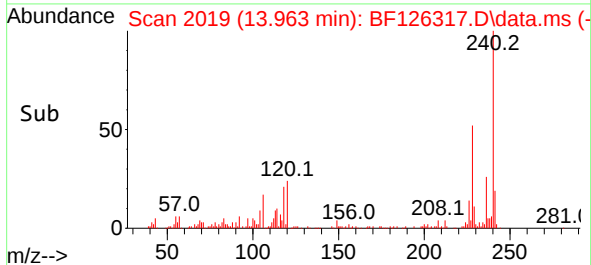
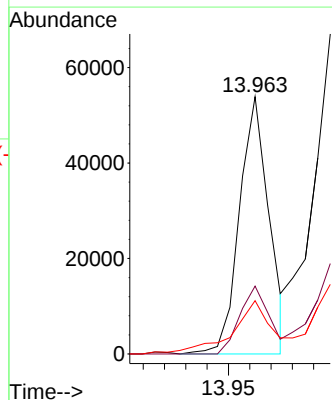
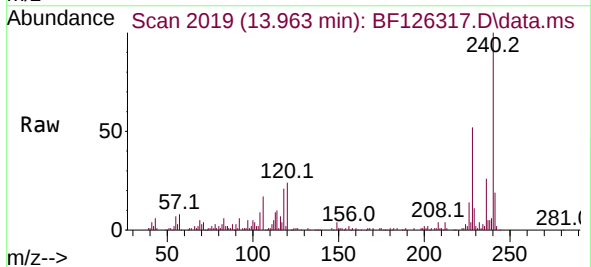


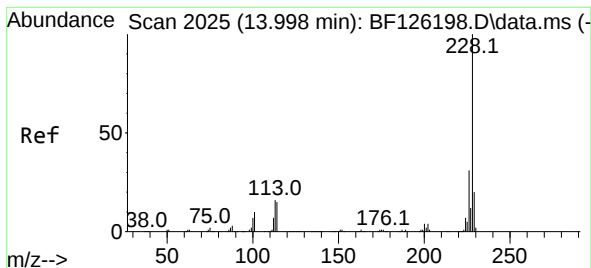
Tgt Ion:244 Resp: 1325537
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 14.5 9.0 13.4#



#81
 Benzo(a)anthracene
 Concen: 2.045 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF126317.D
 Acq: 22 Dec 2021 1:58

Tgt Ion:228 Resp: 52066
 Ion Ratio Lower Upper
 228 100
 226 26.4 21.6 32.4
 229 20.7 15.6 23.4





#83

Chrysene

Concen: 2.676 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF126317.D

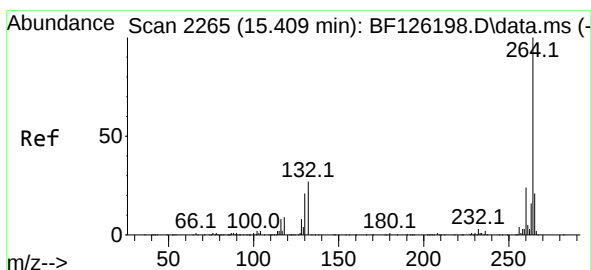
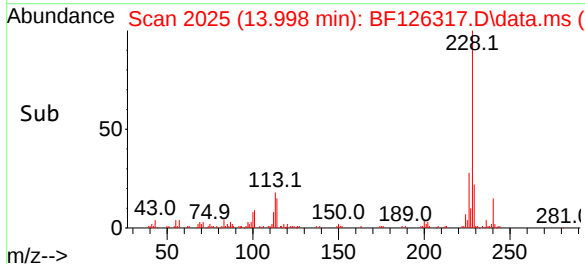
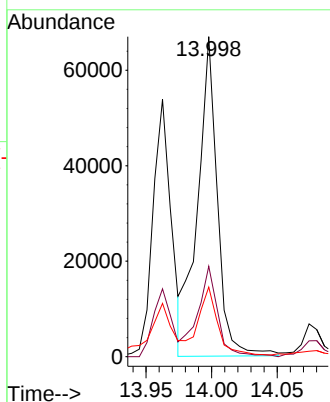
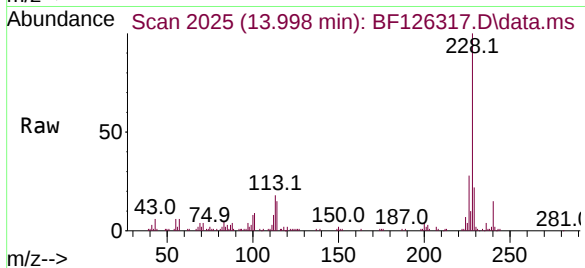
Acq: 22 Dec 2021 1:58

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp:	70802
Ion Ratio	Lower	Upper
228	100	
226	28.3	22.6 34.0
229	21.7	15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

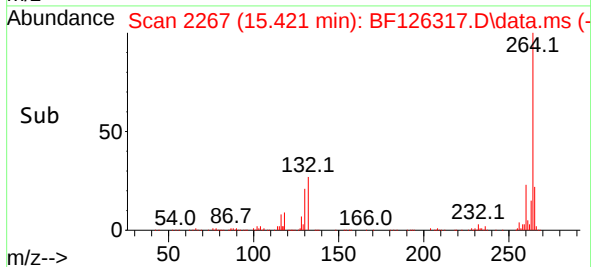
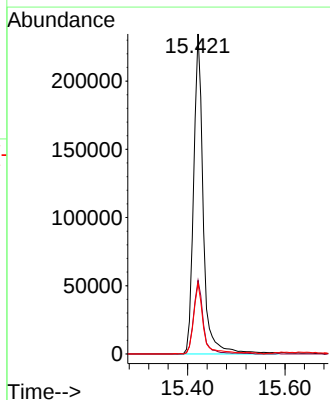
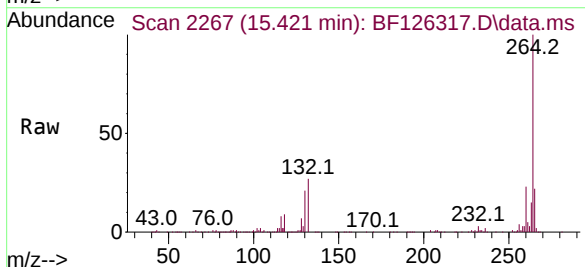
RT: 15.421 min Scan# 2267

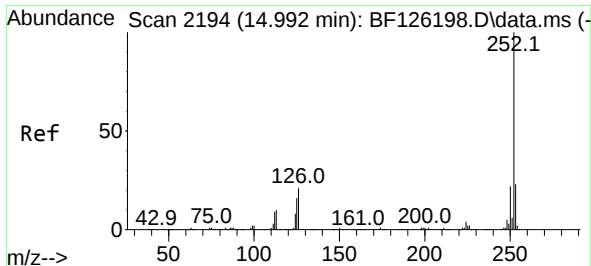
Delta R.T. 0.012 min

Lab File: BF126317.D

Acq: 22 Dec 2021 1:58

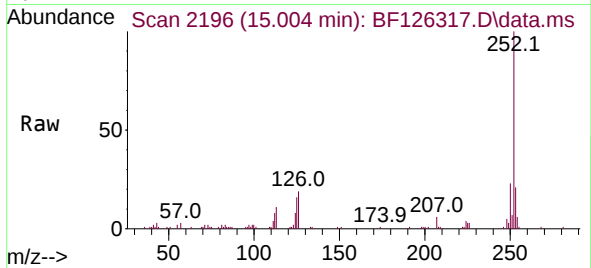
Tgt Ion:264	Resp:	325136
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.6 29.4
265	22.0	17.2 25.8



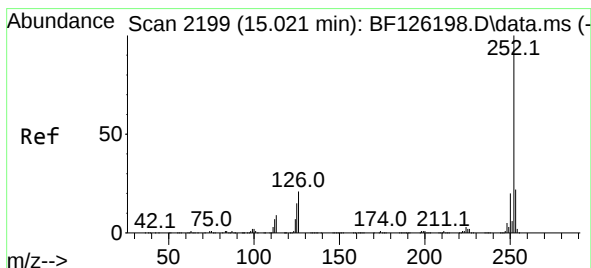
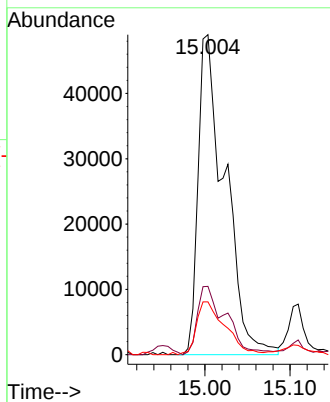
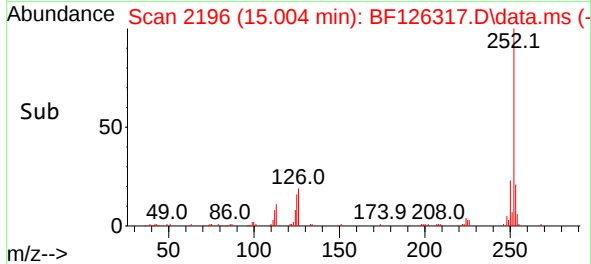


#88
Benzo(b)fluoranthene
Concen: 5.468 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

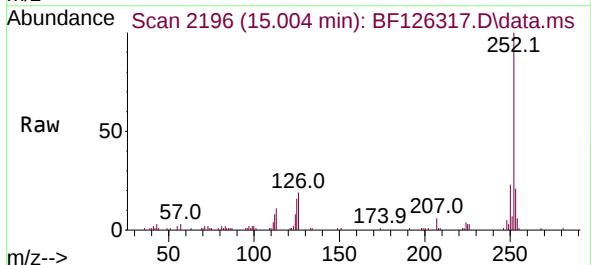
Instrument :
BNA_F
ClientSampleId :



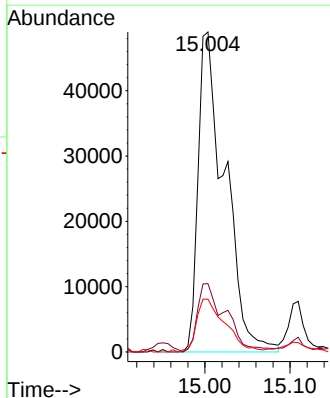
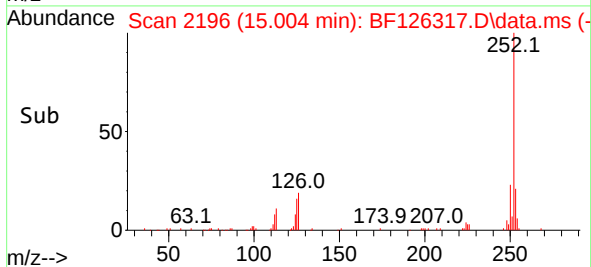
Tgt Ion:252 Resp: 106816
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 16.5 9.8 14.8#

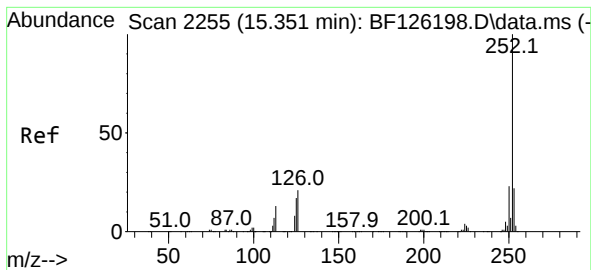


#89
Benzo(k)fluoranthene
Concen: 5.716 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



Tgt Ion:252 Resp: 106816
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 16.5 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 2.865 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

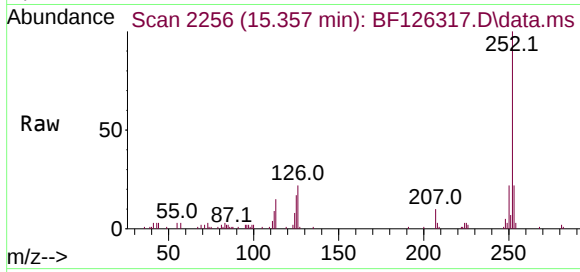
Lab File: BF126317.D

Acq: 22 Dec 2021 1:58

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 46525

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 17.4 9.9 14.9#

