

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126263.D
 Acq On : 18 Dec 2021 19:51
 Operator : JU/CG
 Sample : M5097-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:04:07 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)

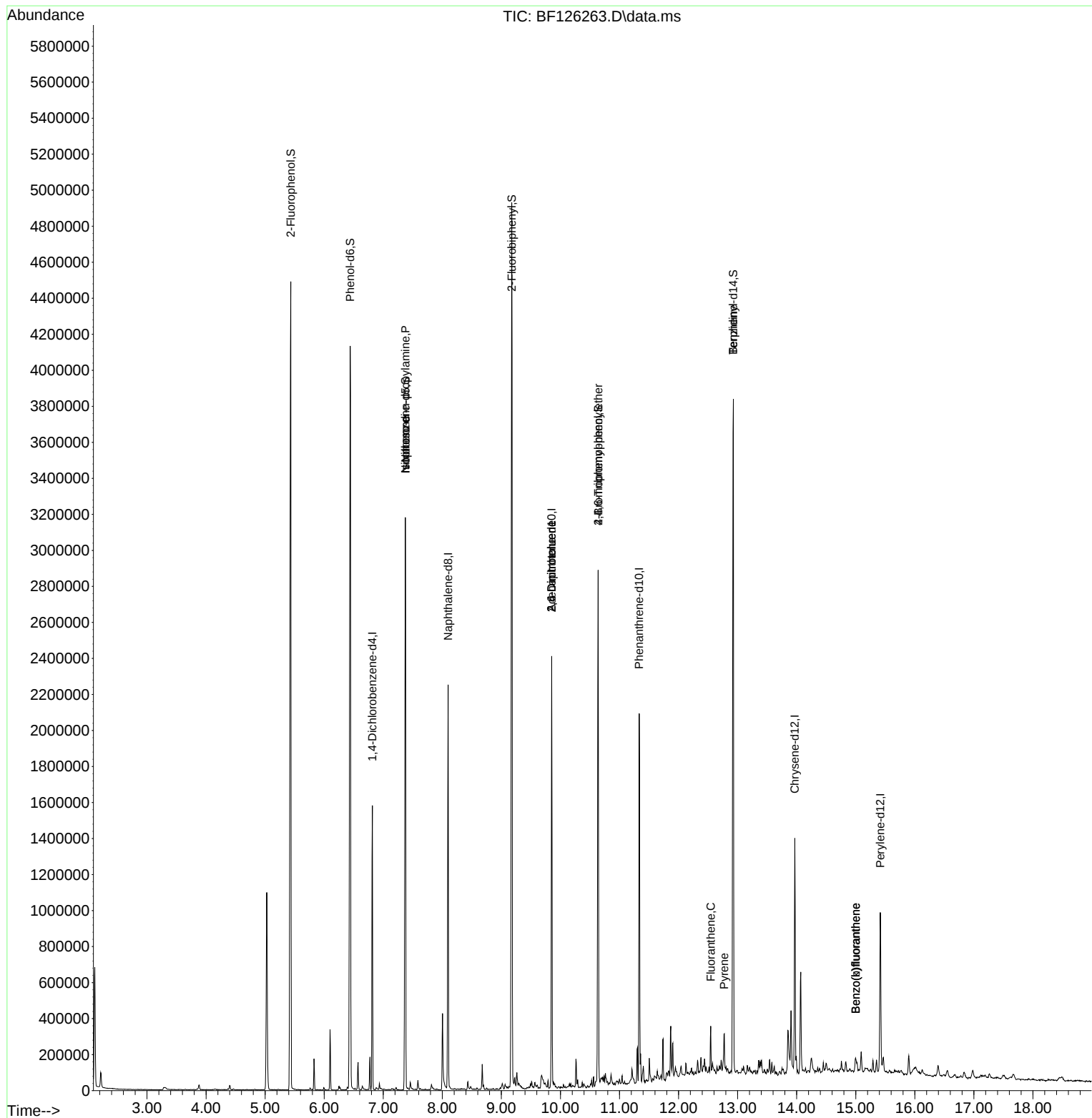
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	220876	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	967678	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	459210	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	727437	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	402432	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	364216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1457239	97.159	ng	0.01
7) Phenol-d6	6.439	99	1917781	100.701	ng	0.00
23) Nitrobenzene-d5	7.375	82	1243718	69.609	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	339504	91.996	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1668631	63.731	ng	0.00
79) Terphenyl-d14	12.927	244	1365359	58.970	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	156832	13.414	ng	# 56
25) Isophorone	7.375	82	1184816	35.115	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	58936	9.361	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	58936	7.338	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	18426	2.699	ng	# 1
75) Fluoranthene	12.545	202	87881	2.598	ng	93
77) Benzidine	12.927	184	16921	2.667	ng	# 94
78) Pyrene	12.774	202	82368	2.228	ng	98
88) Benzo(b)fluoranthene	14.998	252	53864	2.461	ng	# 90
89) Benzo(k)fluoranthene	14.998	252	53864	2.573	ng	# 89

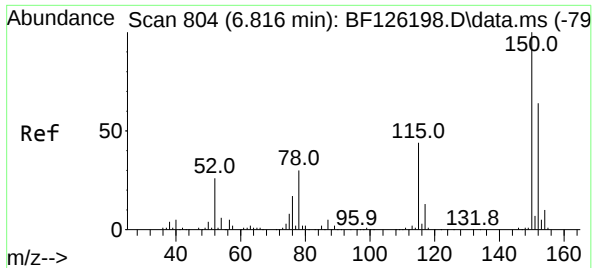
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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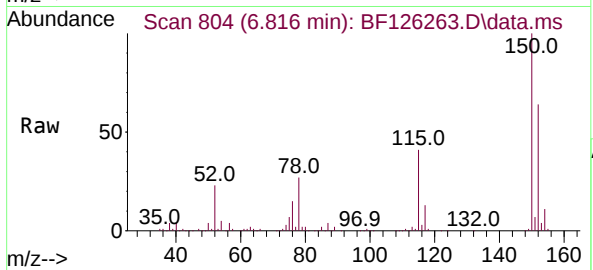
Quant Time: Dec 20 08:04:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
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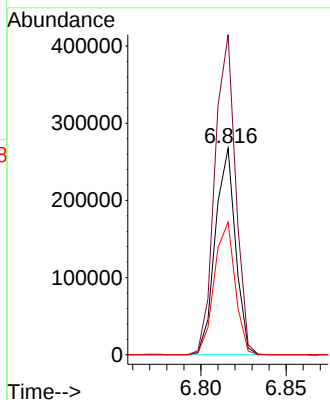
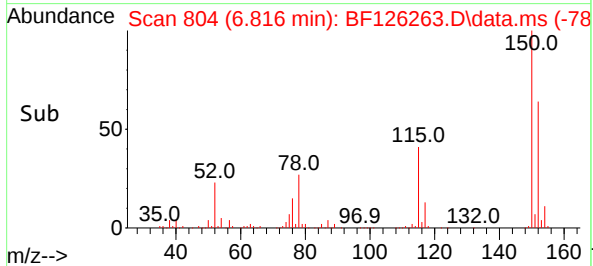


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Instrument :
BNA_F
ClientSampleId :

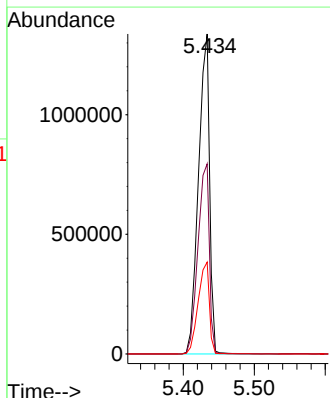
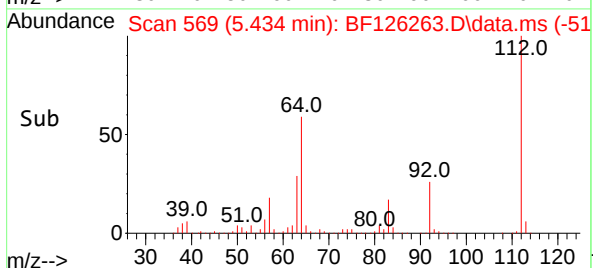
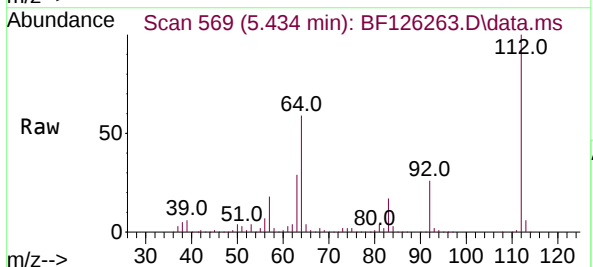


Tgt Ion:152 Resp: 220876
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 64.2 47.1 70.7



#5
2-Fluorophenol
Concen: 97.159 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

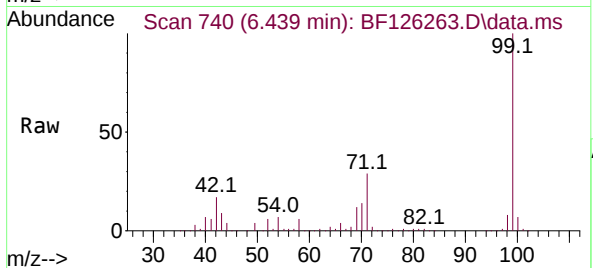
Tgt Ion:112 Resp: 1457239
Ion Ratio Lower Upper
112 100
64 59.4 44.2 66.2
63 28.7 26.2 39.2





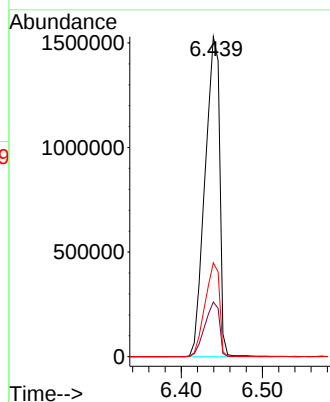
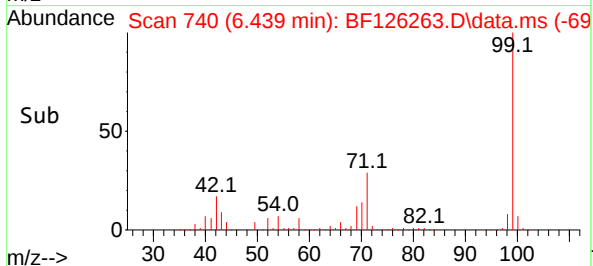
#7
Phenol-d6
Concen: 100.701 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Instrument :
BNA_F
ClientSampleId :

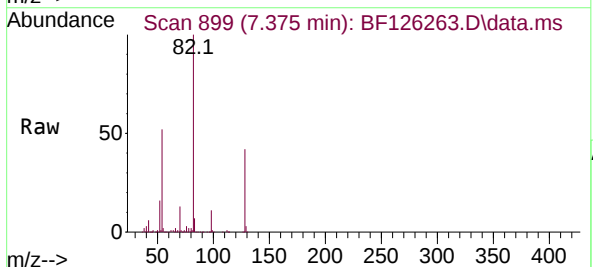


Tgt Ion: 99 Resp: 1917781

Ion	Ratio	Lower	Upper
99	100		
42	17.1	23.5	35.3#
71	29.3	25.6	38.4

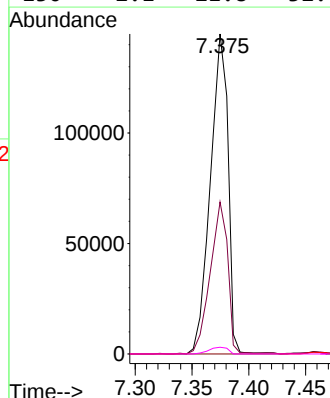
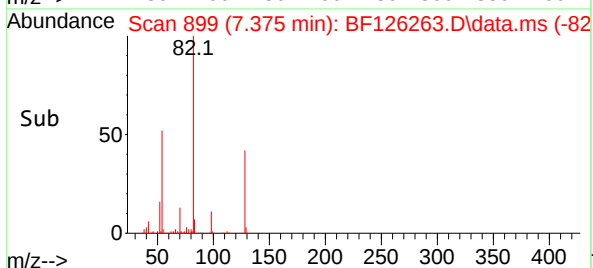


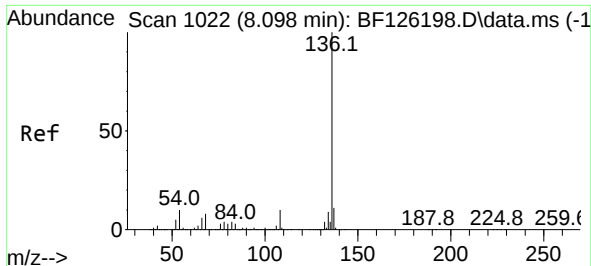
#19
n-Nitroso-di-n-propylamine
Concen: 13.414 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51



Tgt Ion: 70 Resp: 156832

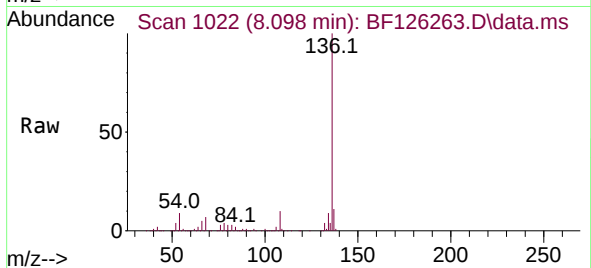
Ion	Ratio	Lower	Upper
70	100		
42	47.5	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#



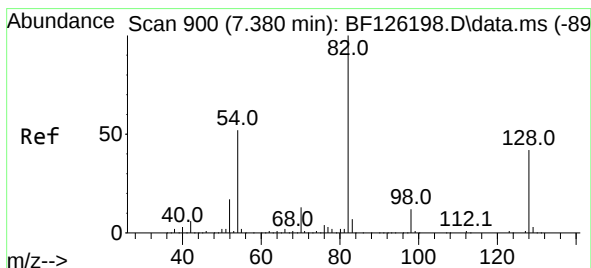
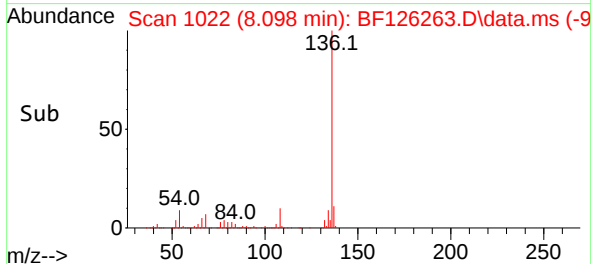
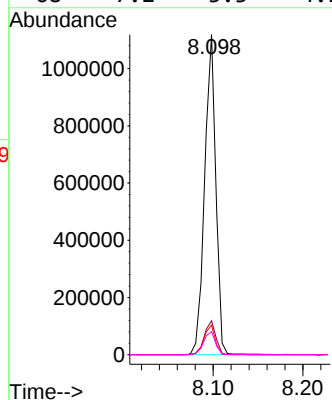


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Instrument :
BNA_F
ClientSampleId :

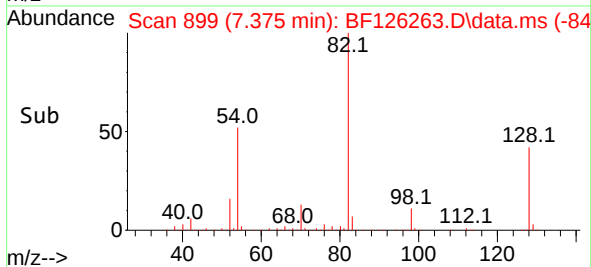
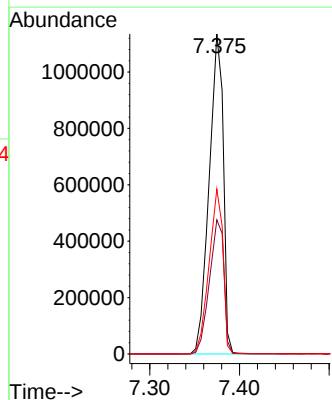
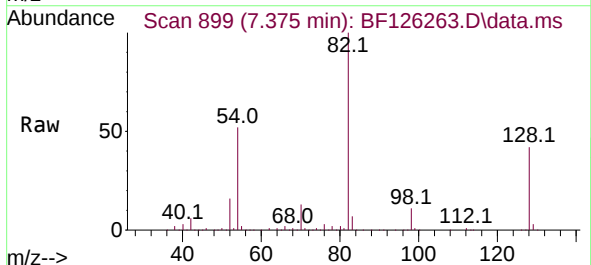


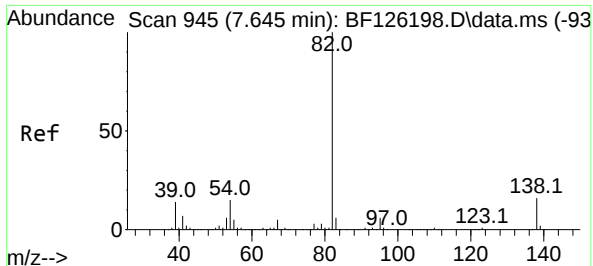
Tgt Ion:136 Resp: 967678
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.2 6.4 9.6
68 7.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 69.609 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

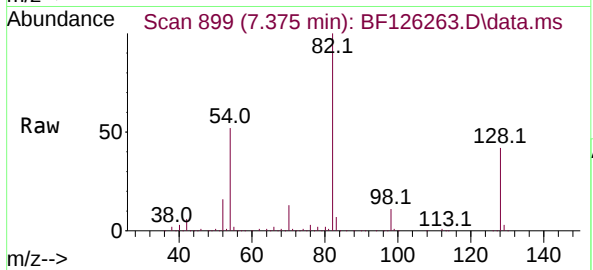
Tgt Ion: 82 Resp: 1243718
Ion Ratio Lower Upper
82 100
128 41.9 40.6 60.8
54 51.5 49.6 74.4



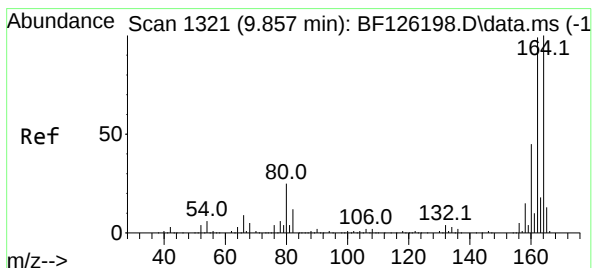
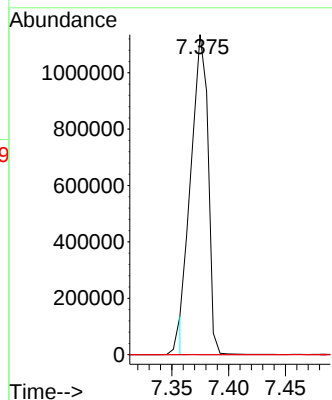
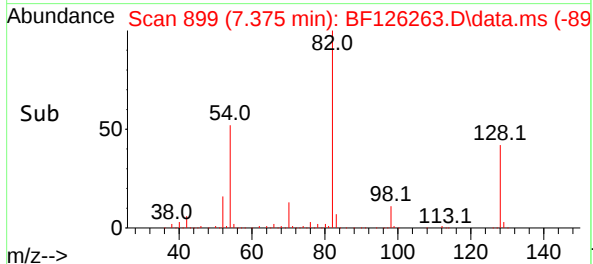


#25
Isophorone
Concen: 35.115 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

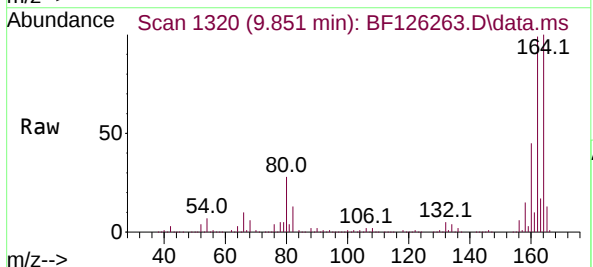
Instrument :
BNA_F
ClientSampleId :



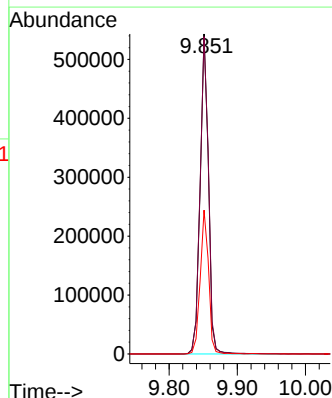
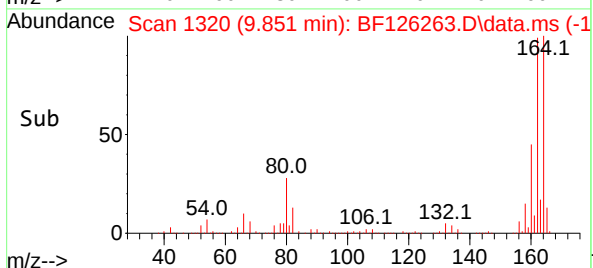
Tgt Ion: 82 Resp: 1184816
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

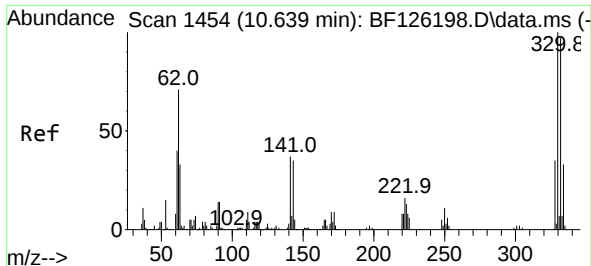


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51



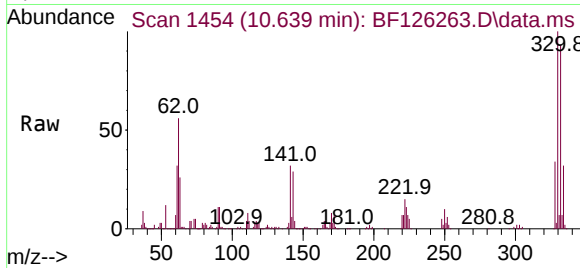
Tgt Ion: 164 Resp: 459210
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 45.0 38.0 57.0



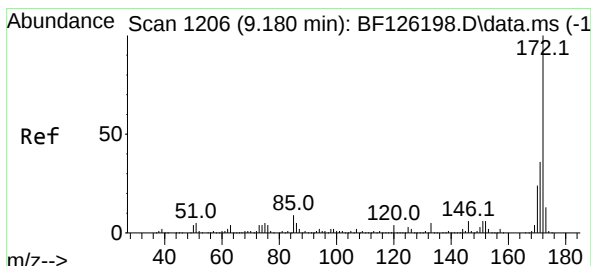
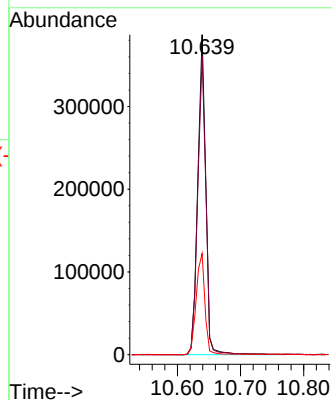
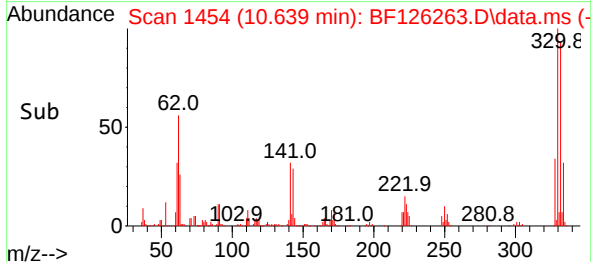


#42
2,4,6-Tribromophenol
Concen: 91.996 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

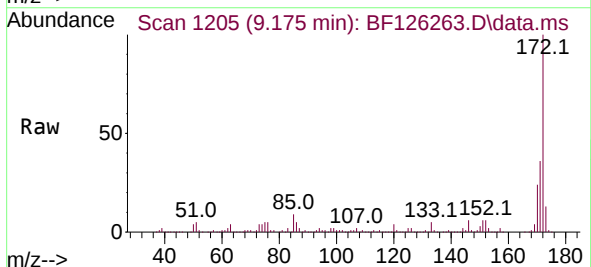
Instrument :
BNA_F
ClientSampleId :



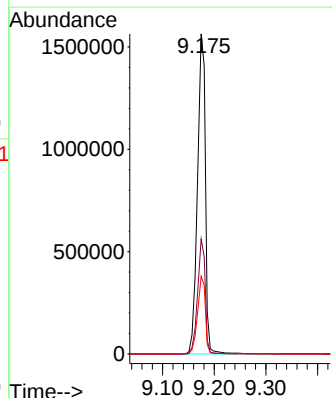
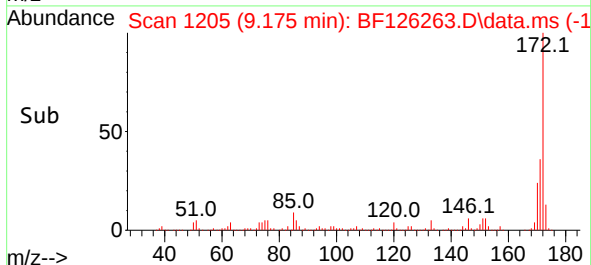
Tgt Ion:330 Resp: 339504
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 35.1 44.6 66.8#

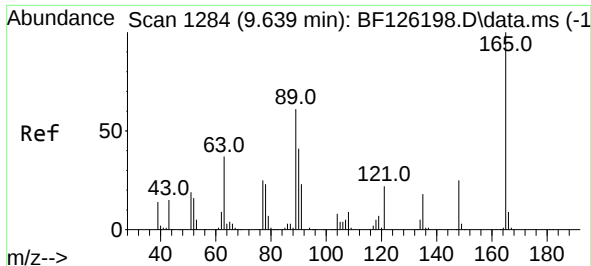


#45
2-Fluorobiphenyl
Concen: 63.731 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51



Tgt Ion:172 Resp: 1668631
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.361 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126263.D

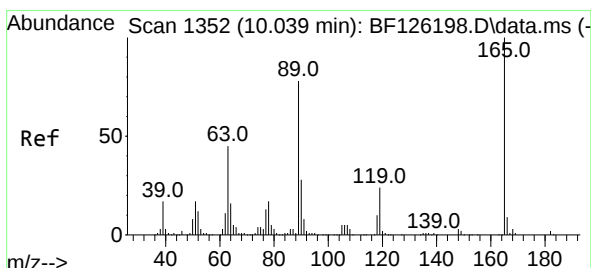
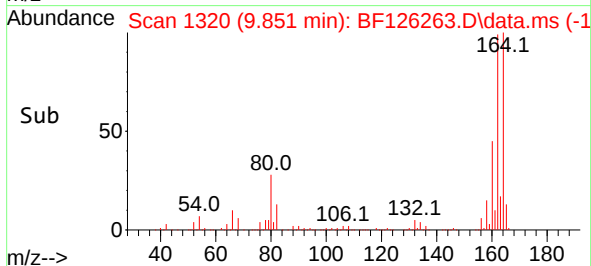
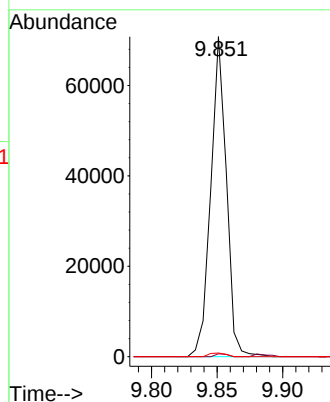
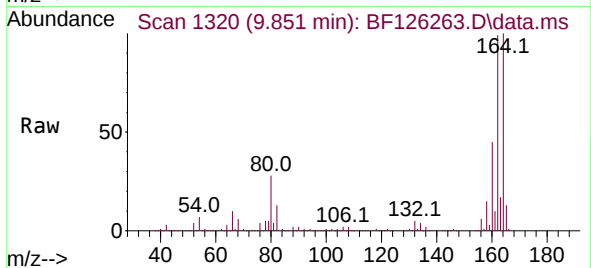
Acq: 18 Dec 2021 19:51

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	58936
Ion Ratio	Lower	Upper
165	100	
63	0.9	42.6 63.8#
89	1.1	40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.338 ng

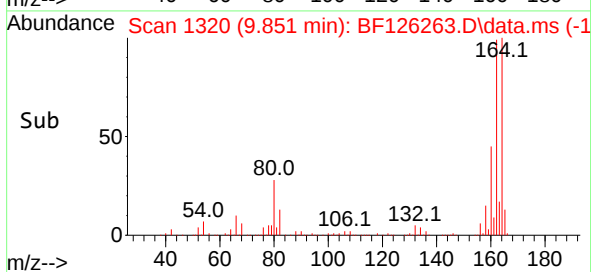
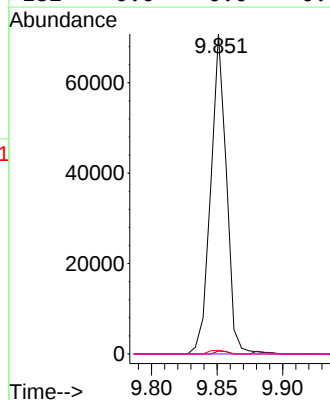
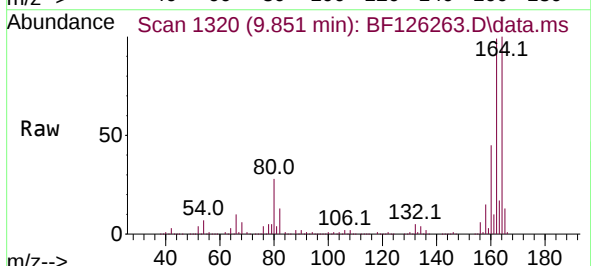
RT: 9.851 min Scan# 1320

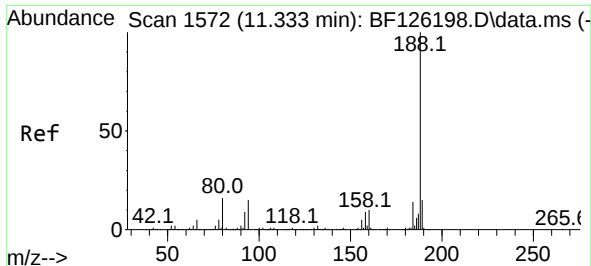
Delta R.T. -0.188 min

Lab File: BF126263.D

Acq: 18 Dec 2021 19:51

Tgt Ion:165	Resp:	58936
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0

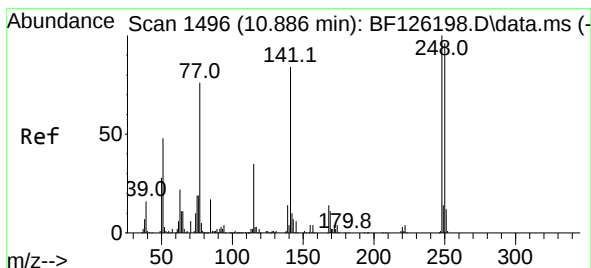
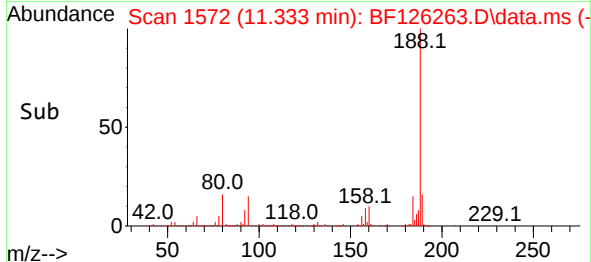
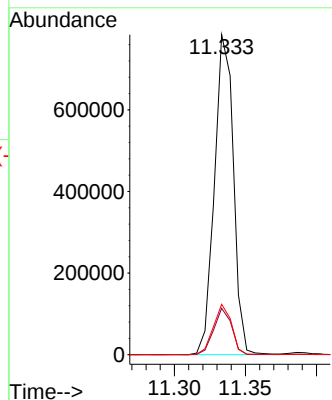
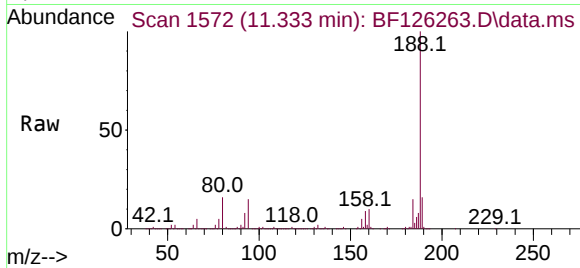




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

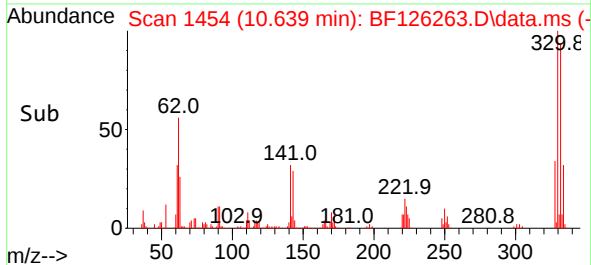
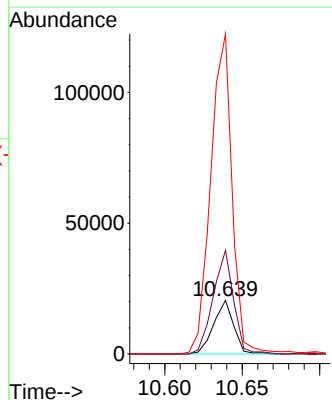
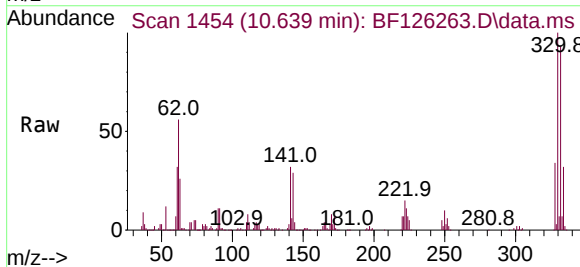
Instrument :
BNA_F
ClientSampleId :

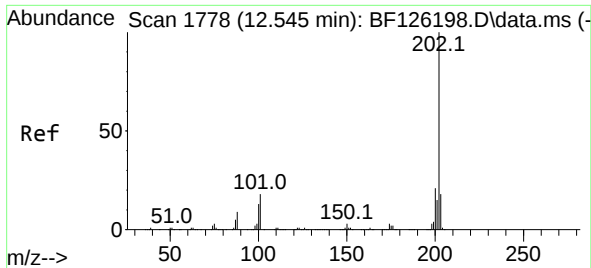
Tgt Ion:188 Resp: 727437
Ion Ratio Lower Upper
188 100
94 14.5 6.7 10.1#
80 15.8 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.699 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

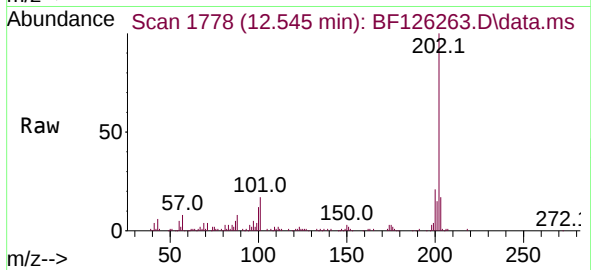
Tgt Ion:248 Resp: 18426
Ion Ratio Lower Upper
248 100
250 193.7 74.2 111.4#
141 597.5 60.4 90.6#



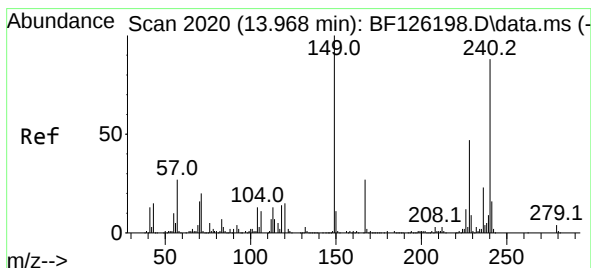
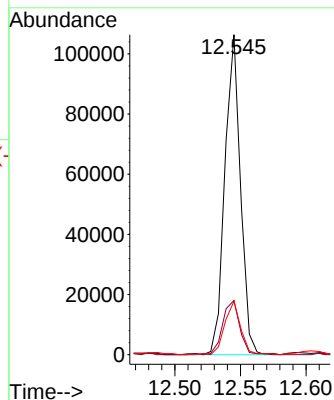
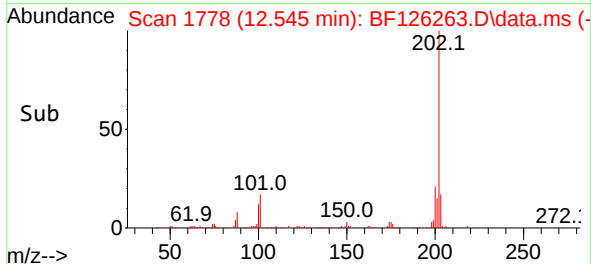


#75
Fluoranthene
Concen: 2.598 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

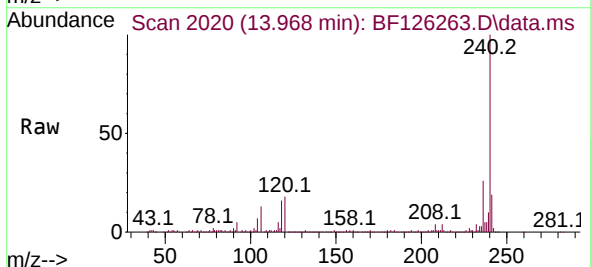
Instrument :
BNA_F
ClientSampleId :



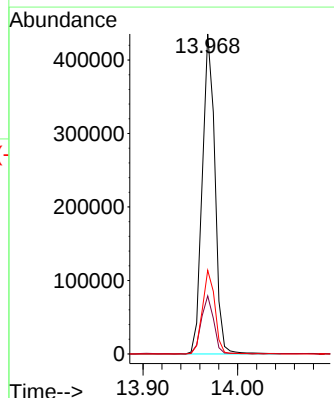
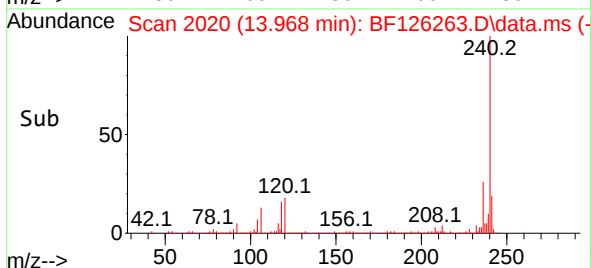
Tgt Ion:202 Resp: 87881
Ion Ratio Lower Upper
202 100
101 17.0 0.0 30.7
203 16.7 0.0 36.3

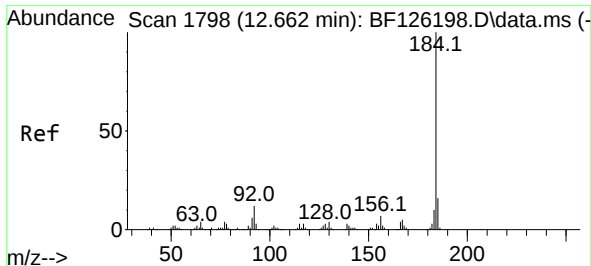


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51



Tgt Ion:240 Resp: 402432
Ion Ratio Lower Upper
240 100
120 18.1 10.8 16.2#
236 26.1 21.6 32.4

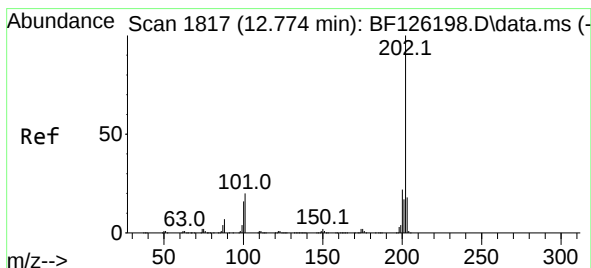
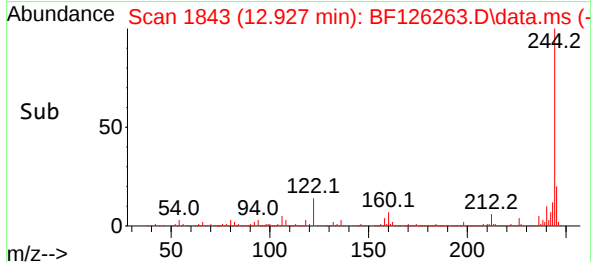
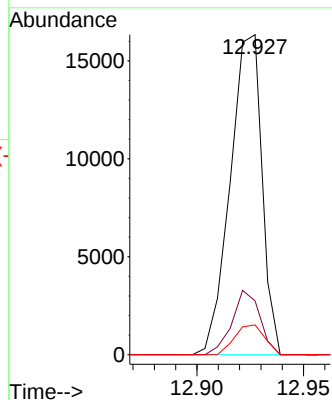
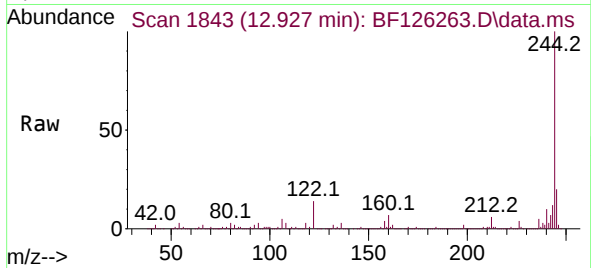




#77
Benzidine
Concen: 2.667 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

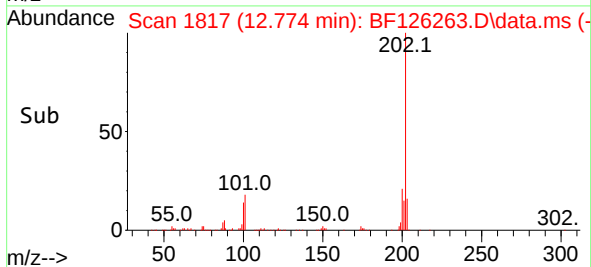
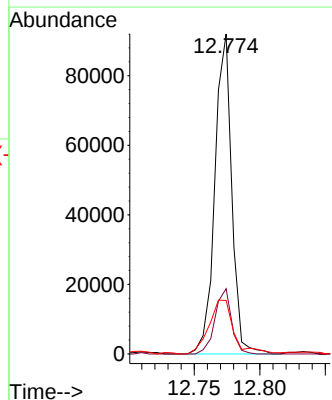
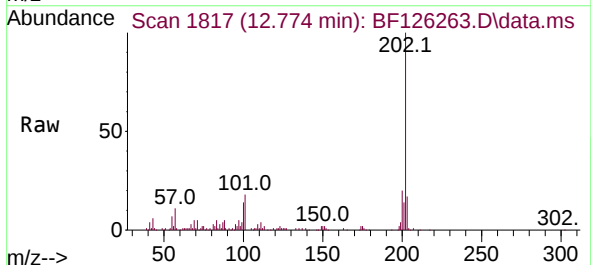
Instrument :
BNA_F
ClientSampleId :

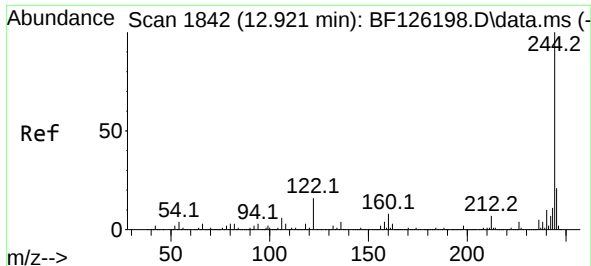
Tgt Ion:184 Resp: 16921
Ion Ratio Lower Upper
184 100
185 16.8 10.8 16.2#
183 9.3 8.1 12.1



#78
Pyrene
Concen: 2.228 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

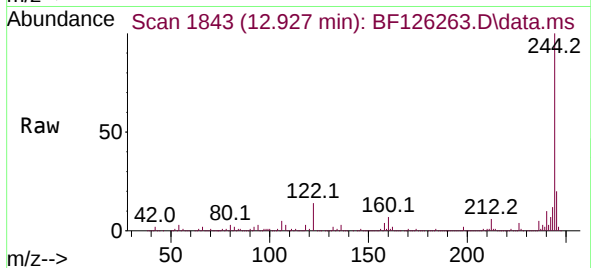
Tgt Ion:202 Resp: 82368
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 16.7 13.4 20.0



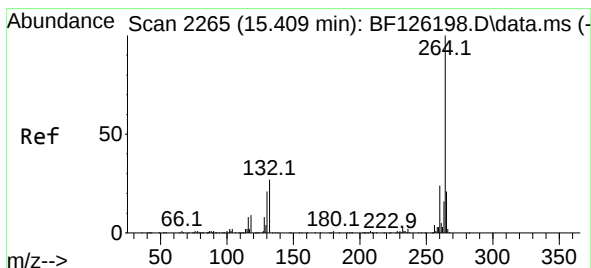
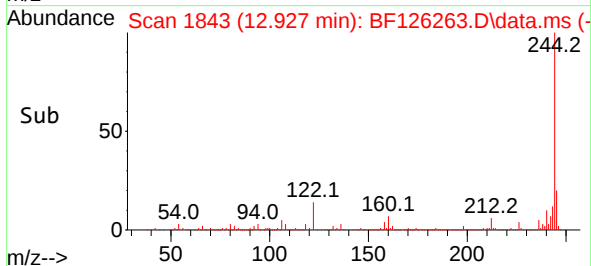
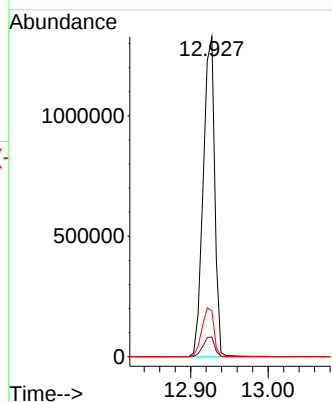


#79
 Terphenyl-d14
 Concen: 58.970 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126263.D
 Acq: 18 Dec 2021 19:51

Instrument :
 BNA_F
 ClientSampleId :

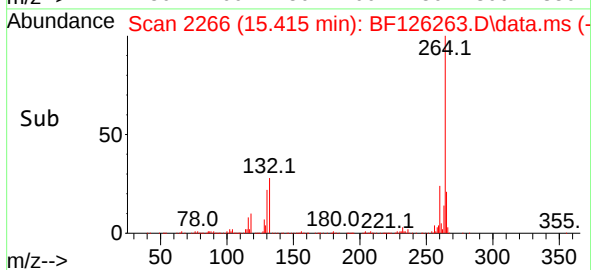
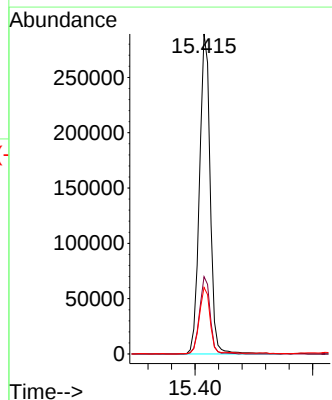
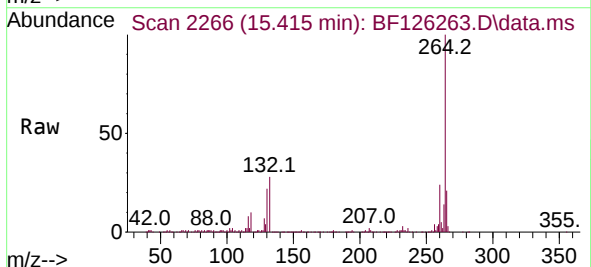


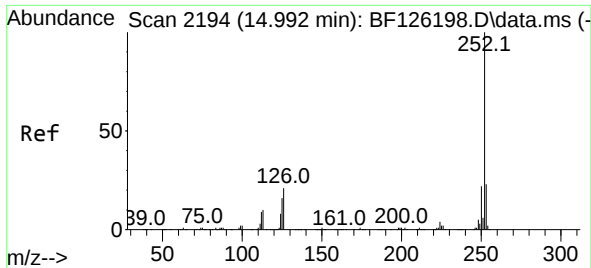
Tgt Ion:244 Resp: 1365359
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 14.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF126263.D
 Acq: 18 Dec 2021 19:51

Tgt Ion:264 Resp: 364216
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.8 17.2 25.8

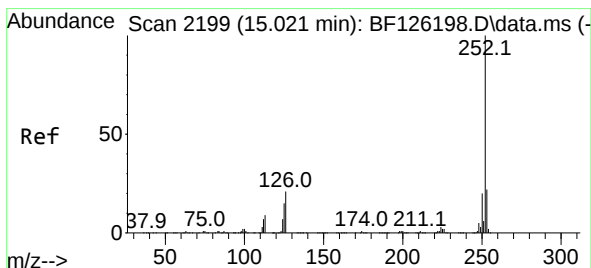
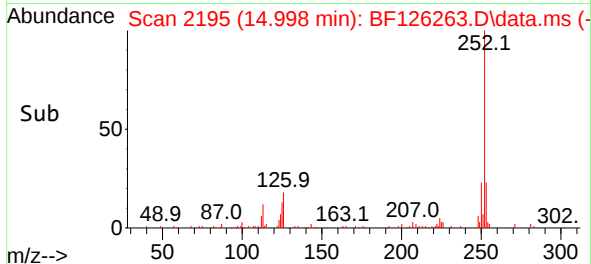
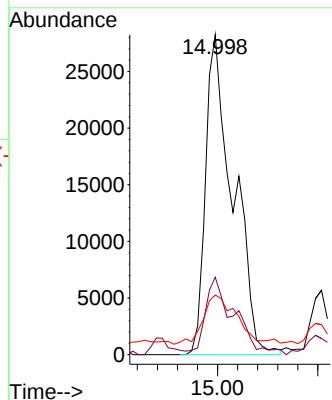
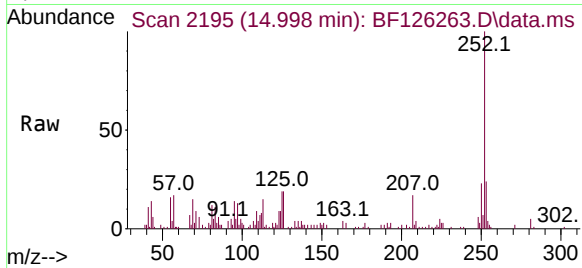




#88
Benzo(b)fluoranthene
Concen: 2.461 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53864
Ion Ratio Lower Upper
252 100
253 24.2 16.8 25.2
125 18.7 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.573 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.023 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Tgt Ion:252 Resp: 53864
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 18.7 7.2 10.8#

