

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126313.D
 Acq On : 21 Dec 2021 23:54
 Operator : JU/CG
 Sample : M5184-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:23:50 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)

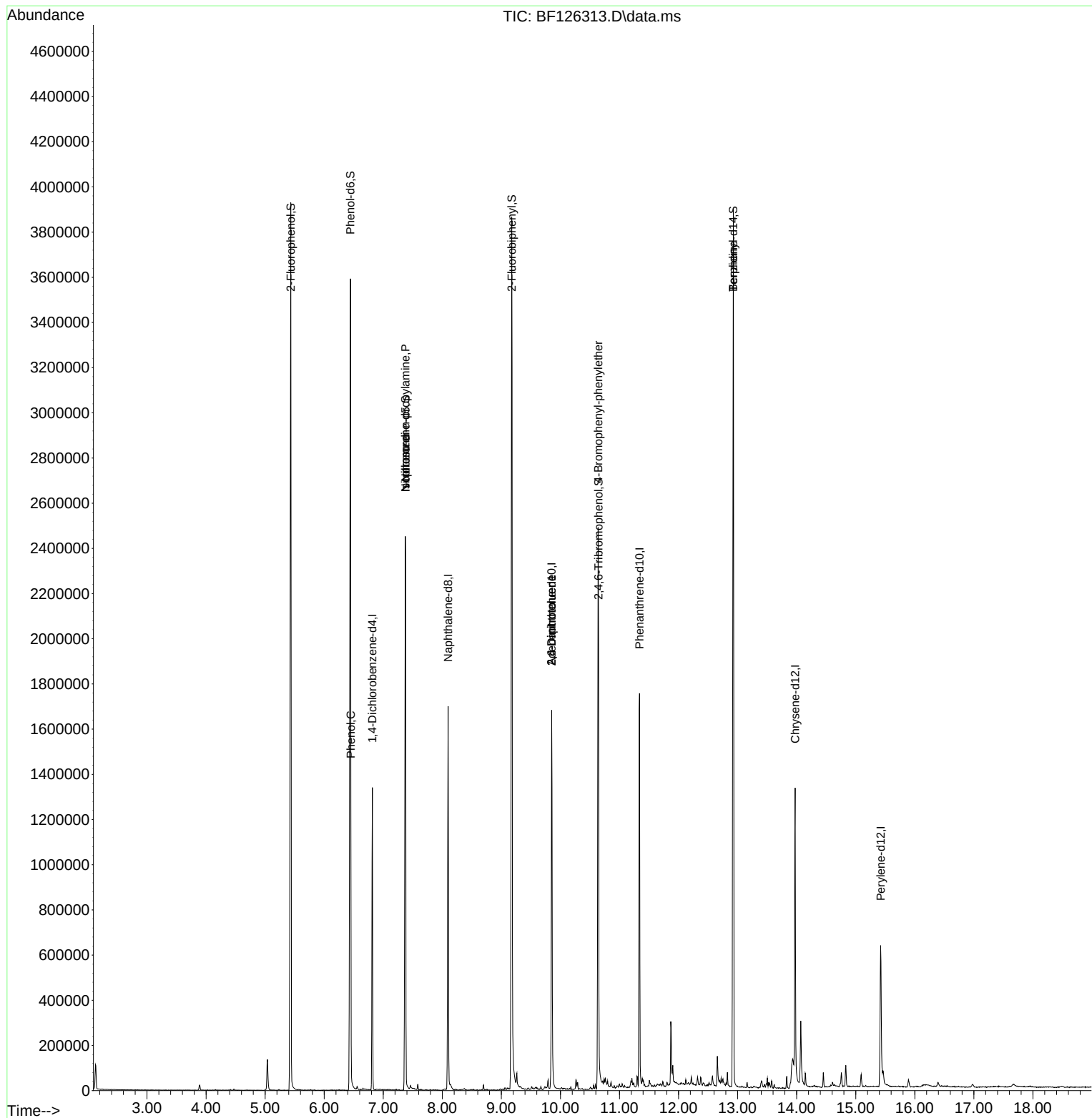
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	183558	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	814384	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	404350	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	670762	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	455380	20.000	ng	0.00
86) Perylene-d12	15.421	264	339397	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1203398	96.546	ng	0.01
7) Phenol-d6	6.445	99	1543113	97.501	ng	0.00
23) Nitrobenzene-d5	7.375	82	1028770	68.417	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	346596	106.660	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1498894	65.015	ng	0.00
79) Terphenyl-d14	12.927	244	1350476	51.546	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	44839	2.524	ng	81
19) n-Nitroso-di-n-propyla...	7.375	70	130961	13.479	ng	# 55
25) Isophorone	7.375	82	972616	34.252	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	51960	9.372	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	52237	7.386	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	18177	2.887	ng	# 1
77) Benzidine	12.927	184	15982	2.226	ng	# 94

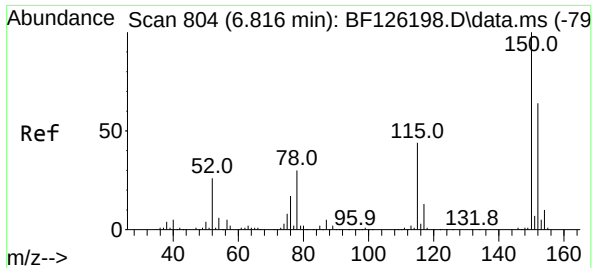
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126313.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 22 05:23:50 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

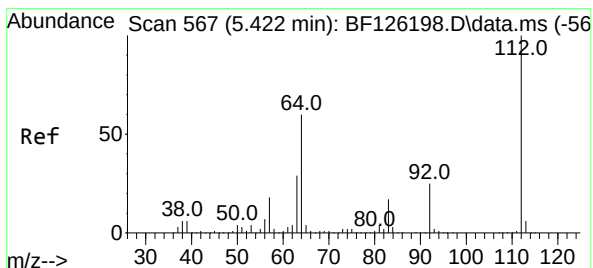
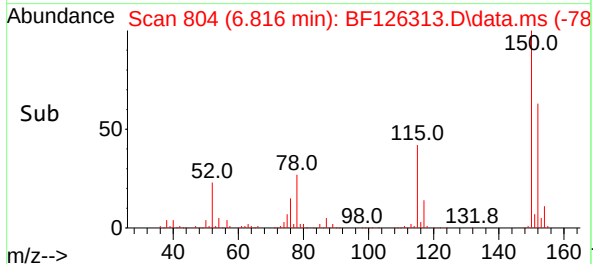
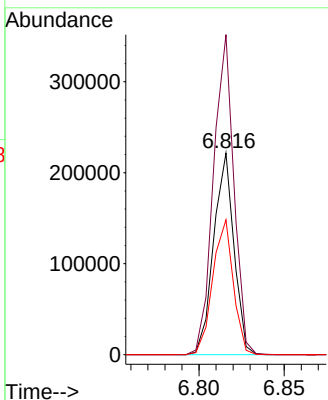
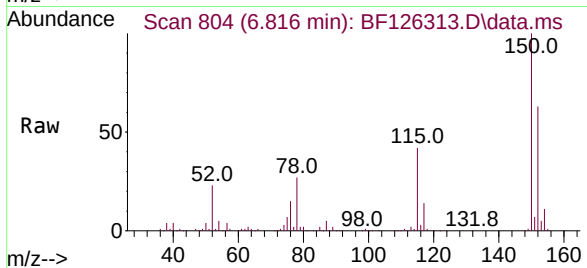




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

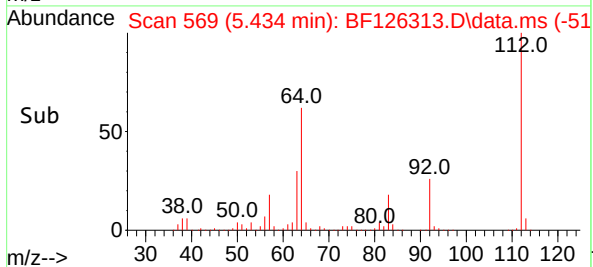
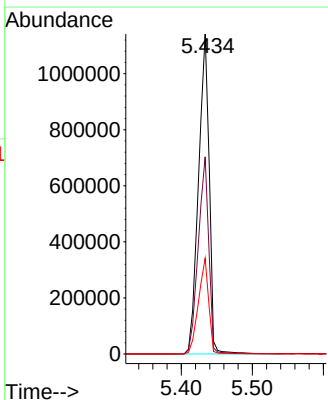
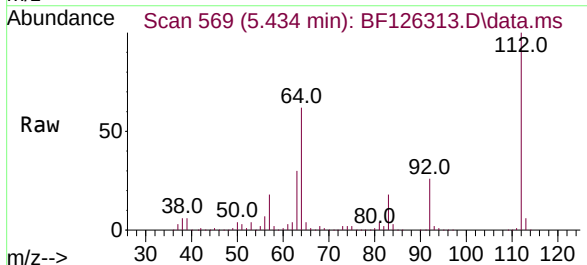
Instrument :
BNA_F
ClientSampleId :

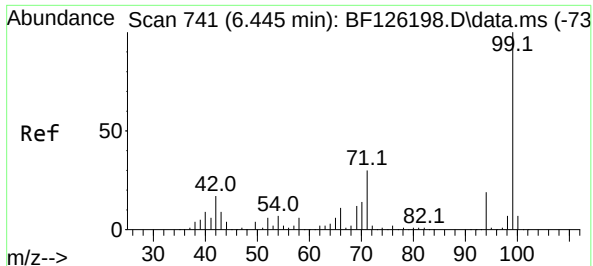
Tgt Ion:152 Resp: 183558
Ion Ratio Lower Upper
152 100
150 158.7 117.6 176.4
115 66.9 47.1 70.7



#5
2-Fluorophenol
Concen: 96.546 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

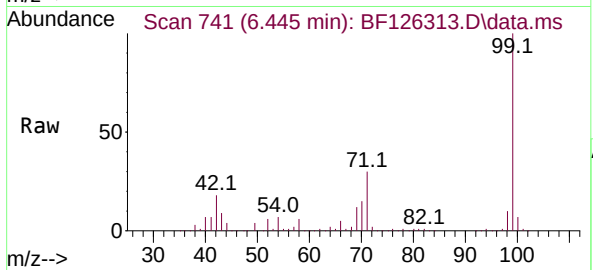
Tgt Ion:112 Resp: 1203398
Ion Ratio Lower Upper
112 100
64 61.6 44.2 66.2
63 29.9 26.2 39.2



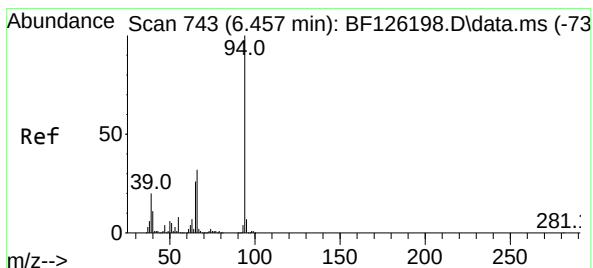
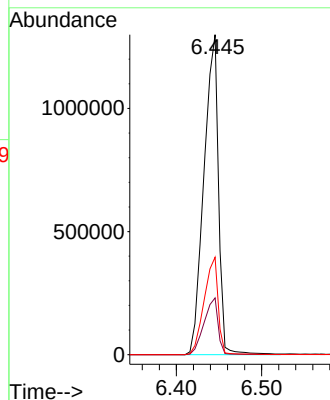
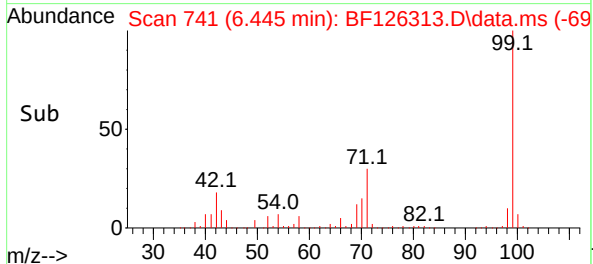


#7
Phenol-d6
Concen: 97.501 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

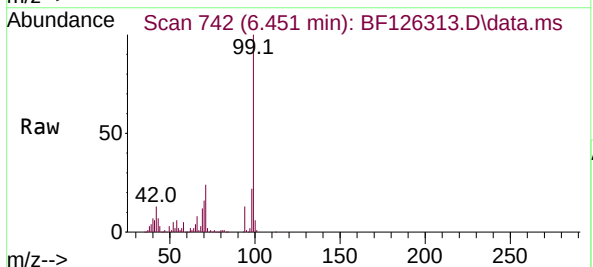
Instrument :
BNA_F
ClientSampleId :



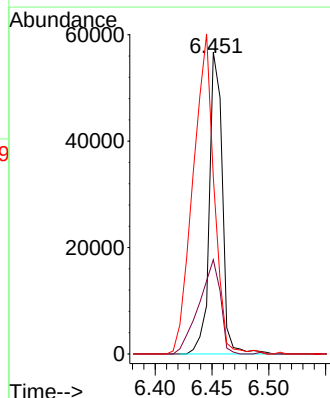
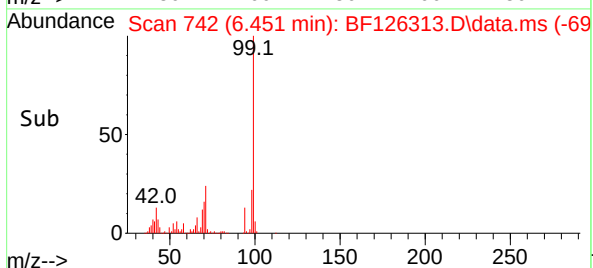
Tgt Ion: 99 Resp: 1543113
Ion Ratio Lower Upper
99 100
42 17.8 23.5 35.3#
71 30.4 25.6 38.4

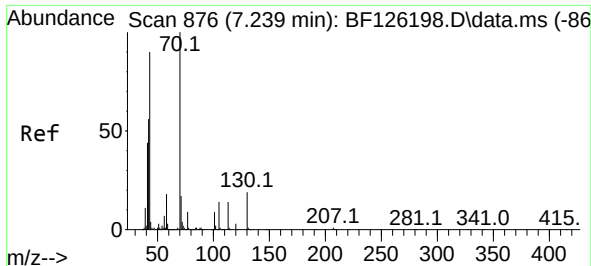


#10
Phenol
Concen: 2.524 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54



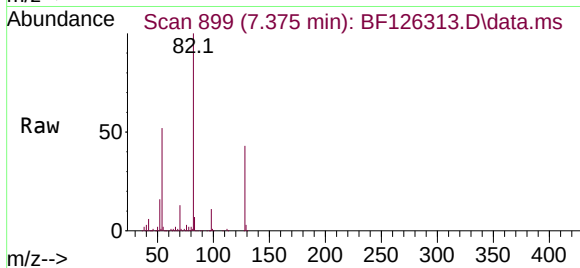
Tgt Ion: 94 Resp: 44839
Ion Ratio Lower Upper
94 100
65 31.2 9.3 49.3
66 58.5 20.3 60.3



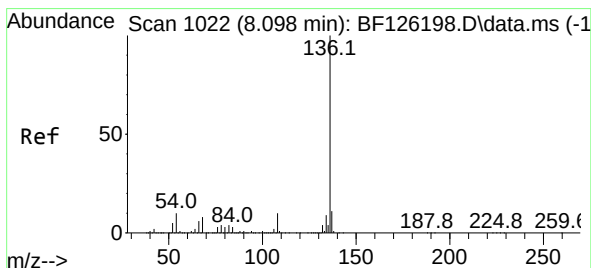
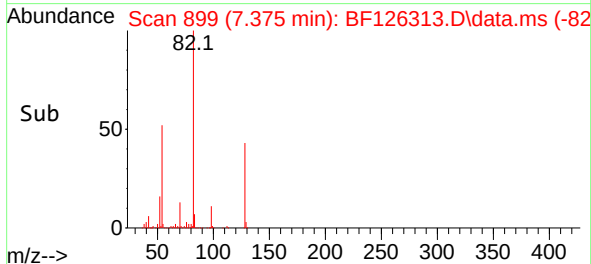
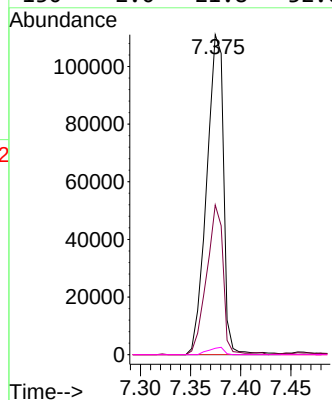


#19
n-Nitroso-di-n-propylamine
Concen: 13.479 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Instrument :
BNA_F
ClientSampleId :

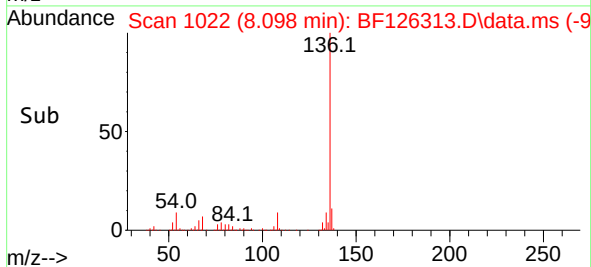
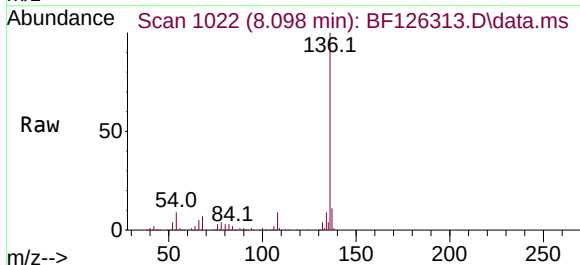
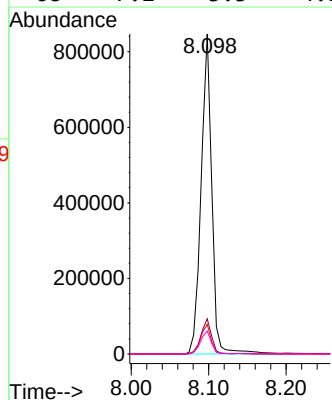


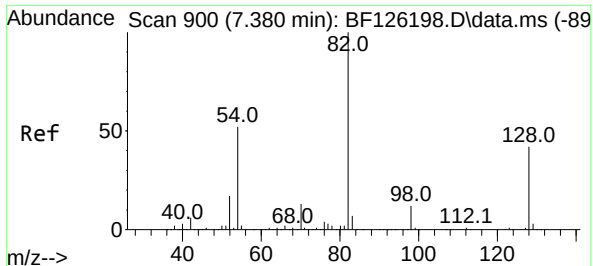
Tgt Ion: 70 Resp: 130961
Ion Ratio Lower Upper
70 100
42 46.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Tgt Ion: 136 Resp: 814384
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.3 6.4 9.6
68 7.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.417 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126313.D

Acq: 21 Dec 2021 23:54

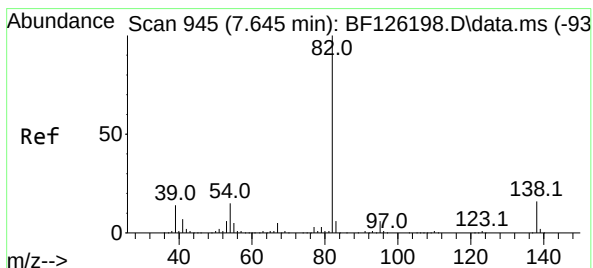
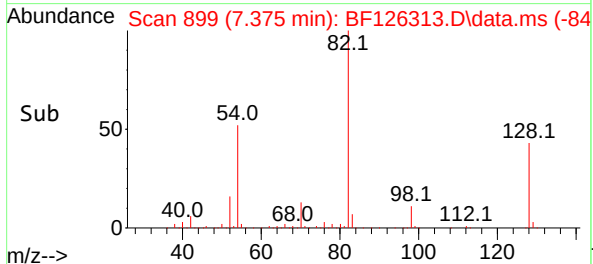
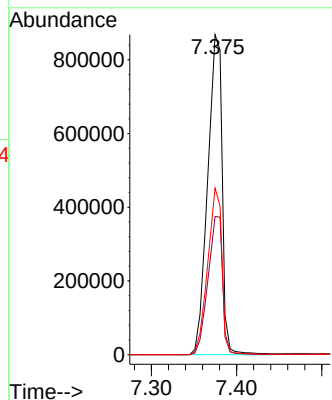
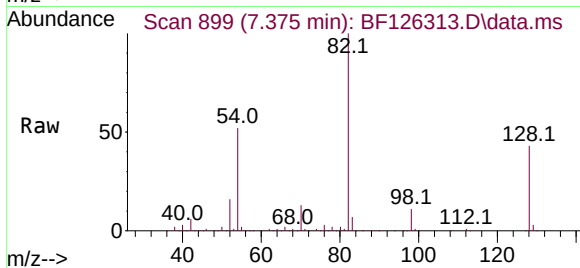
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1028770

Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	60.8
54	52.0	49.6	74.4



#25

Isophorone

Concen: 34.252 ng

RT: 7.375 min Scan# 899

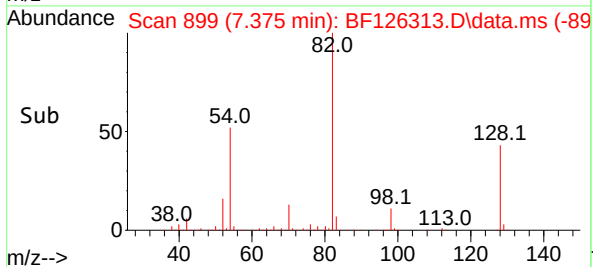
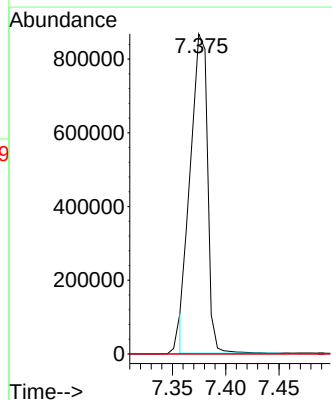
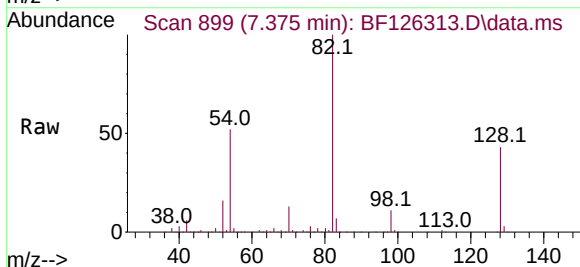
Delta R.T. -0.271 min

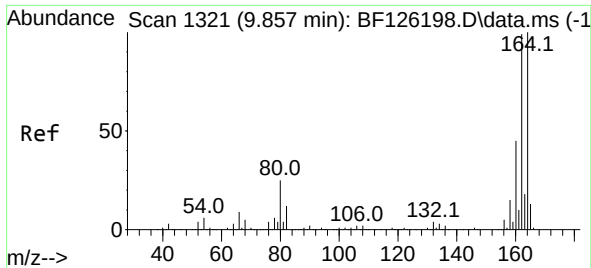
Lab File: BF126313.D

Acq: 21 Dec 2021 23:54

Tgt Ion: 82 Resp: 972616

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

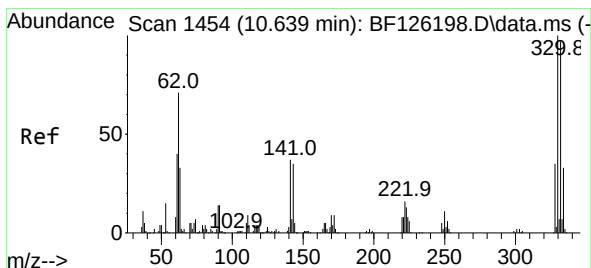
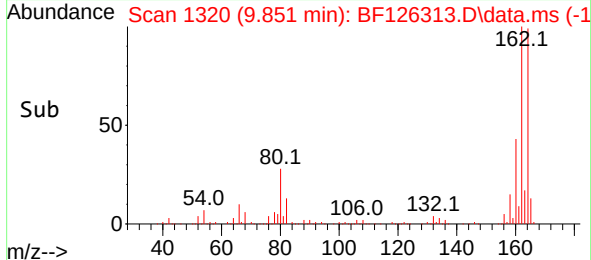
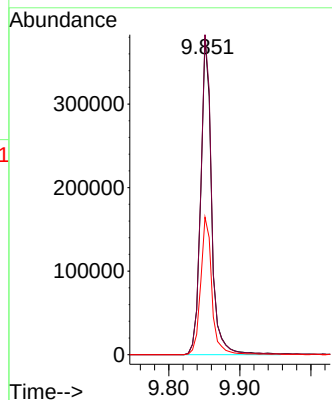
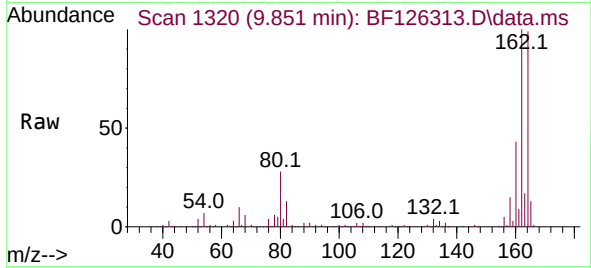




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

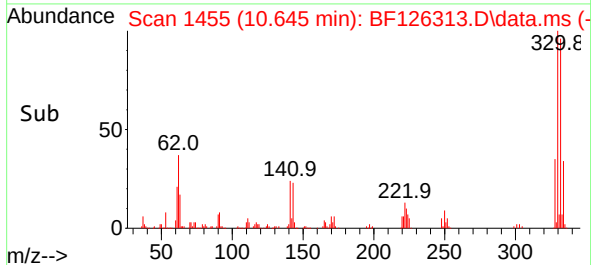
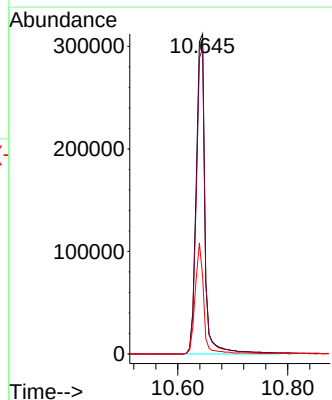
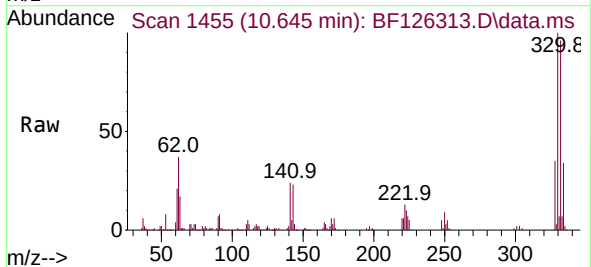
Instrument :
BNA_F
ClientSampleId :

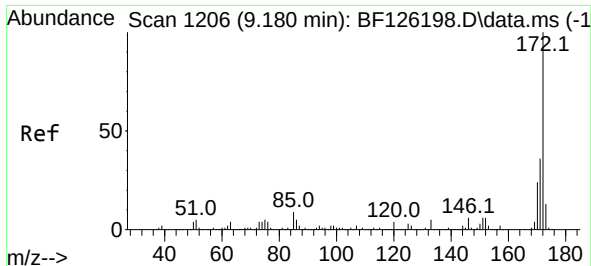
Tgt Ion:164 Resp: 404350
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 43.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 106.660 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Tgt Ion:330 Resp: 346596
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 33.2 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 65.015 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

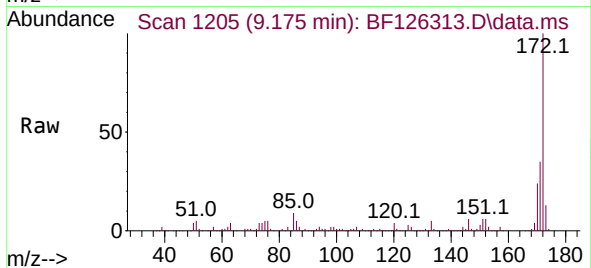
Lab File: BF126313.D

Acq: 21 Dec 2021 23:54

Instrument :

BNA_F

ClientSampleId :



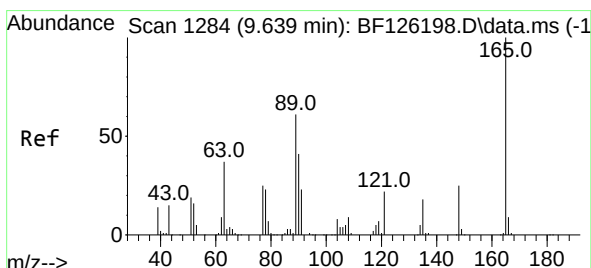
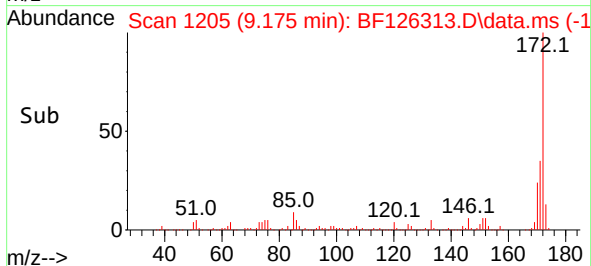
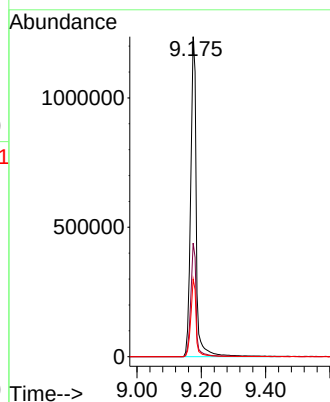
Tgt Ion:172 Resp: 1498894

Ion Ratio Lower Upper

172 100

171 35.5 26.5 39.7

170 24.2 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.372 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126313.D

Acq: 21 Dec 2021 23:54

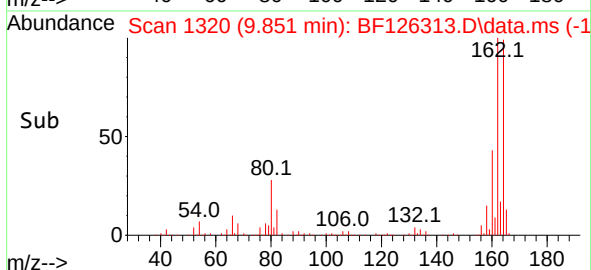
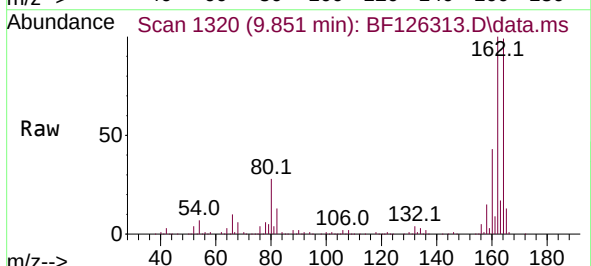
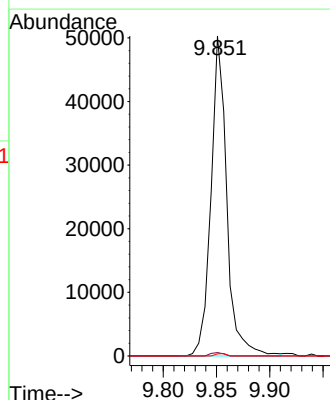
Tgt Ion:165 Resp: 51960

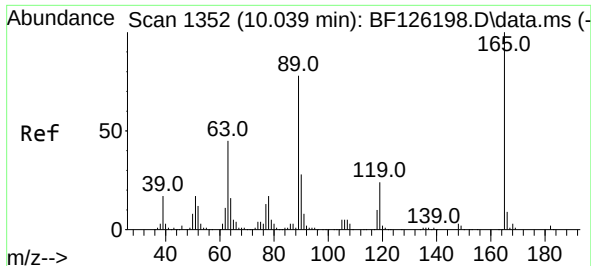
Ion Ratio Lower Upper

165 100

63 1.0 42.6 63.8#

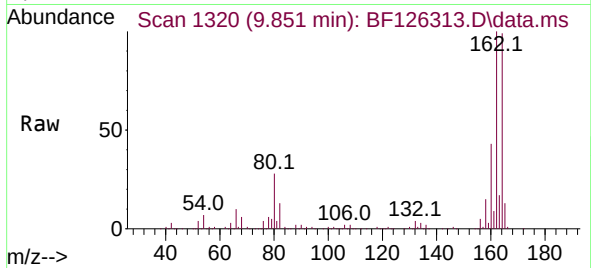
89 0.7 40.6 60.8#



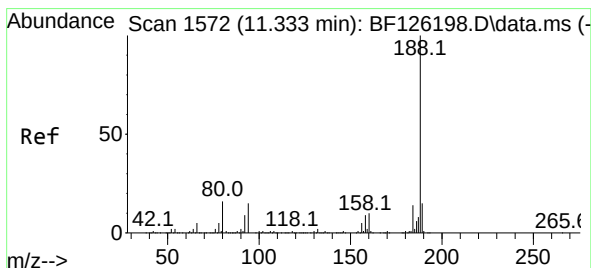
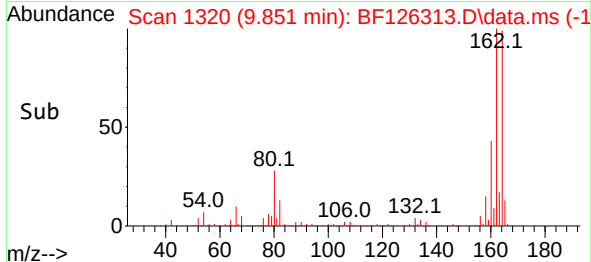
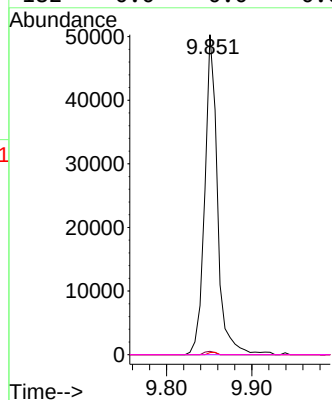


#57
2,4-Dinitrotoluene
Concen: 7.386 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Instrument :
BNA_F
ClientSampleId :

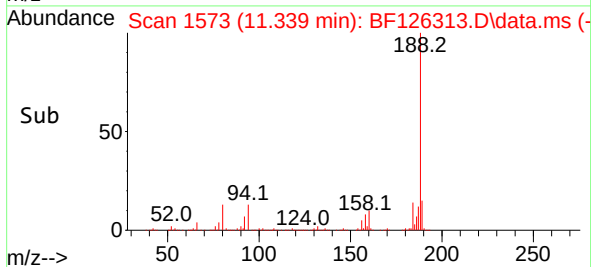
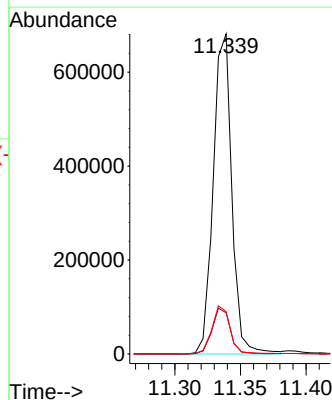
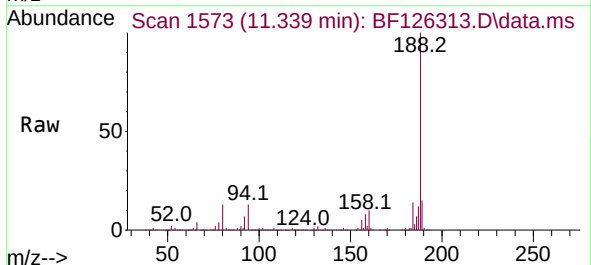


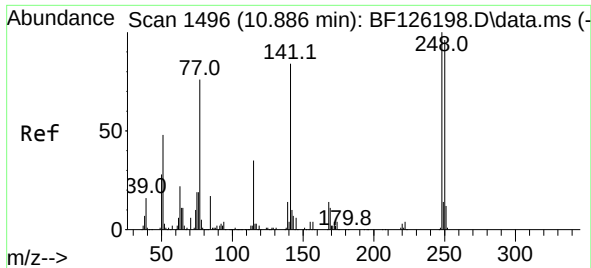
Tgt Ion:165 Resp: 52237
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

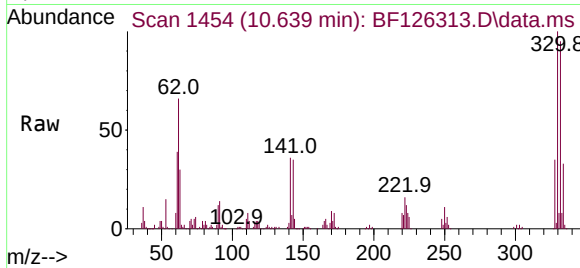
Tgt Ion:188 Resp: 670762
Ion Ratio Lower Upper
188 100
94 12.9 6.7 10.1#
80 13.3 7.5 11.3#



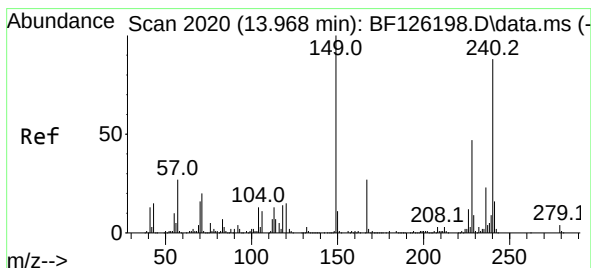
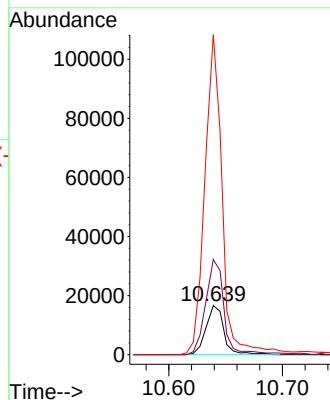
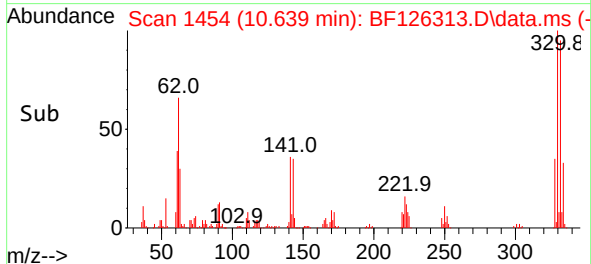


#67
4-Bromophenyl-phenylether
Concen: 2.887 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

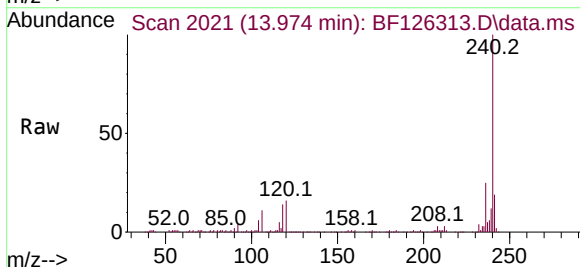
Instrument :
BNA_F
ClientSampleId :



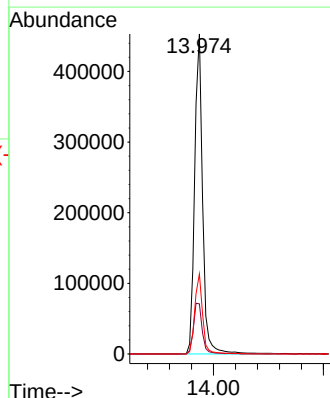
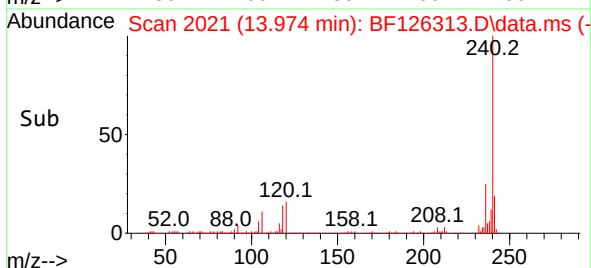
Tgt Ion:248 Resp: 18177
Ion Ratio Lower Upper
248 100
250 193.7 74.2 111.4#
141 651.4 60.4 90.6#

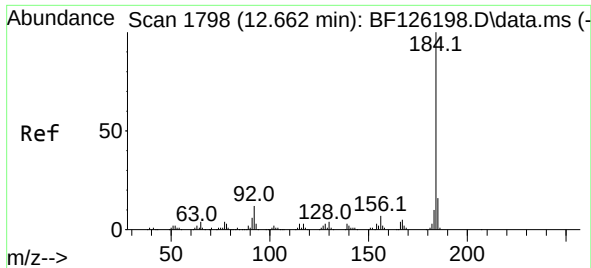


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54



Tgt Ion:240 Resp: 455380
Ion Ratio Lower Upper
240 100
120 15.7 10.8 16.2
236 25.0 21.6 32.4

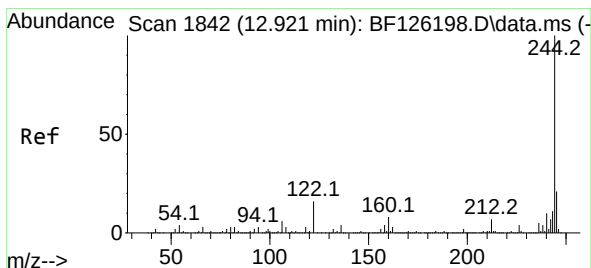
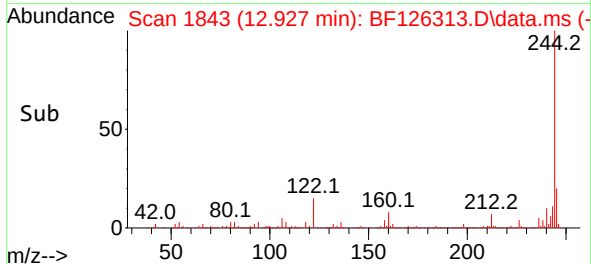
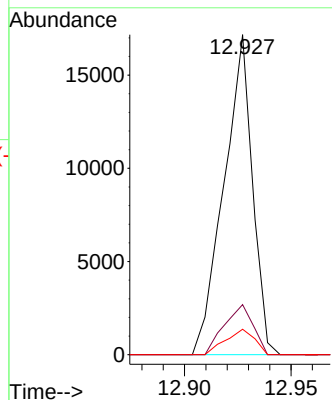
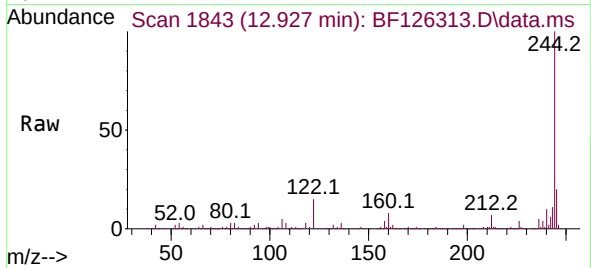




#77
Benzidine
Concen: 2.226 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

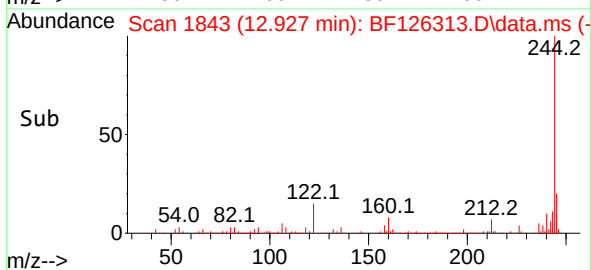
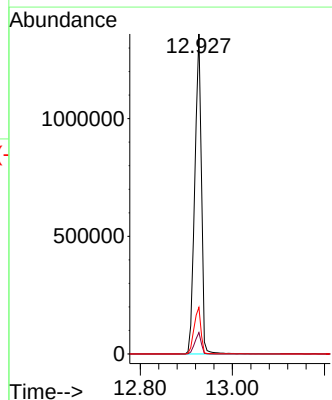
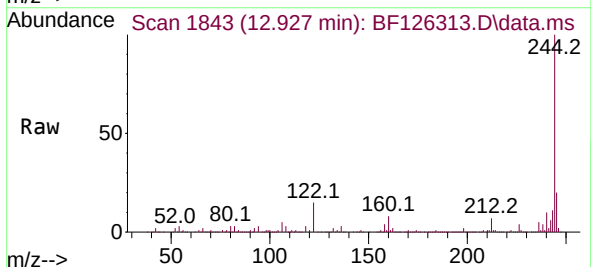
Instrument :
BNA_F
ClientSampleId :

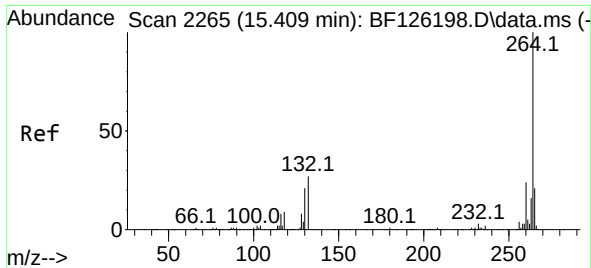
Tgt Ion:184 Resp: 15982
Ion Ratio Lower Upper
184 100
185 15.6 10.8 16.2
183 8.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 51.546 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

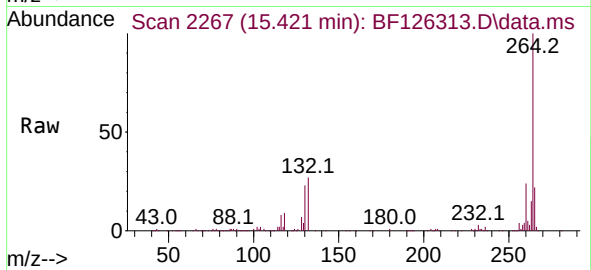
Tgt Ion:244 Resp: 1350476
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 14.6 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 339397
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.2 17.2 25.8

