

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126251.D
 Acq On : 18 Dec 2021 13:34
 Operator : JU/CG
 Sample : M5081-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Dec 20 08:01:51 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)

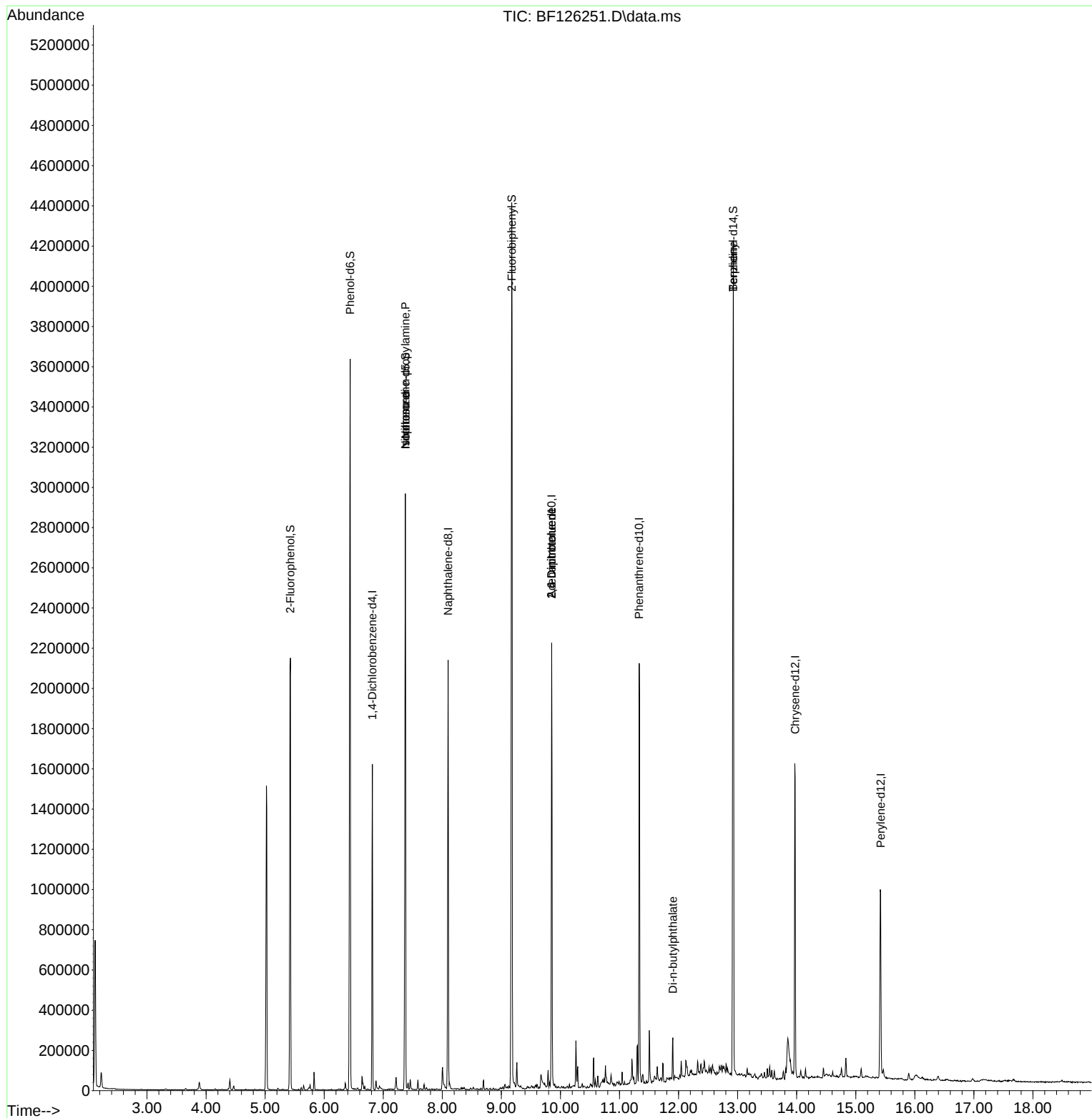
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	216885	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	938907	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	456989	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	746127	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	522811	20.000	ng	0.00
86) Perylene-d12	15.421	264	420502	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	630670	42.823	ng	0.00
7) Phenol-d6	6.440	99	1421637	76.022	ng	0.00
23) Nitrobenzene-d5	7.375	82	1078460	62.209	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	3071	0.836	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1540465	59.122	ng	0.00
79) Terphenyl-d14	12.927	244	1483638	49.324	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	137432	11.971	ng	# 55
25) Isophorone	7.375	82	1025283	31.318	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	59220	9.452	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	59220	7.409	ng	# 19
74) Di-n-butylphthalate	11.904	149	99084	2.147	ng	99
77) Benzidine	12.927	184	18250	2.214	ng	97

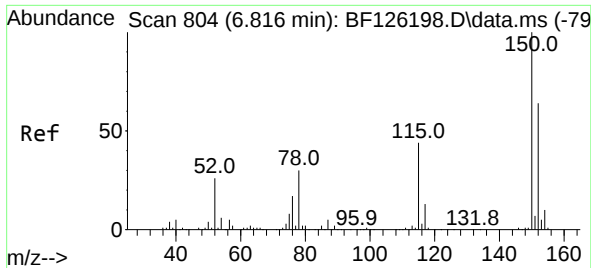
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 08:01:51 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

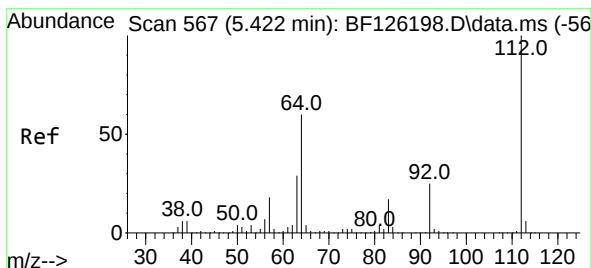
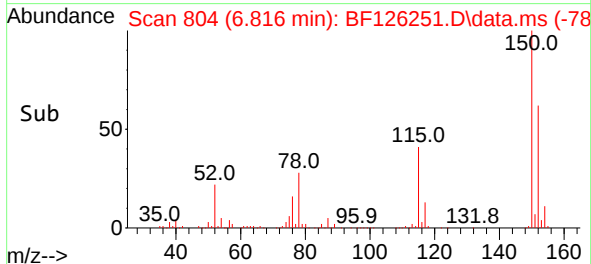
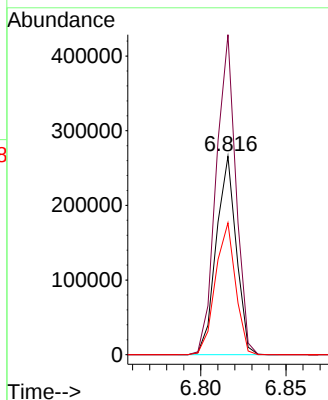
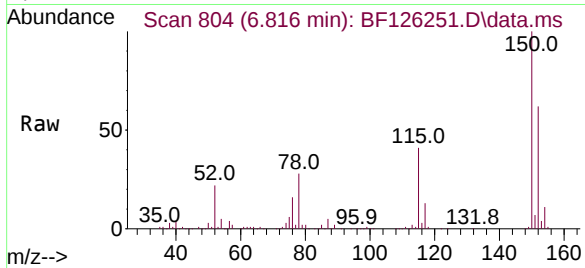




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126251.D
 Acq: 18 Dec 2021 13:34

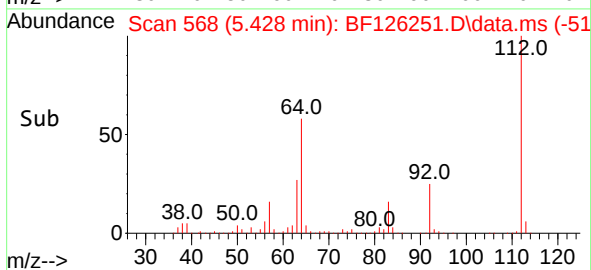
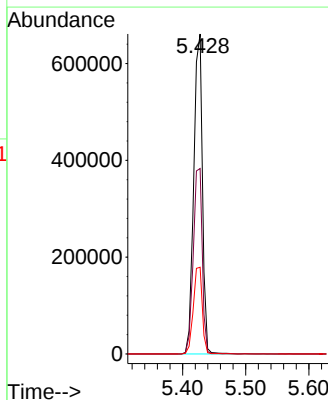
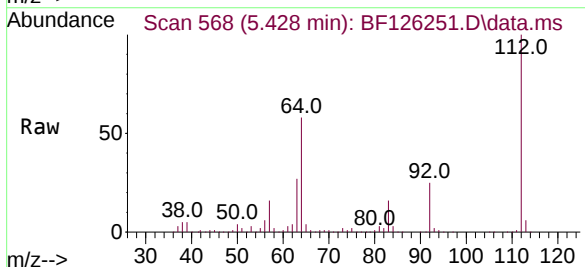
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tgt Ion:152 Resp: 216885
 Ion Ratio Lower Upper
 152 100
 150 161.3 117.6 176.4
 115 66.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 42.823 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF126251.D
 Acq: 18 Dec 2021 13:34

Tgt Ion:112 Resp: 630670
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.2 66.2
 63 27.1 26.2 39.2

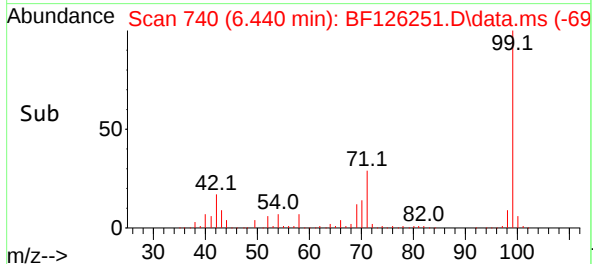
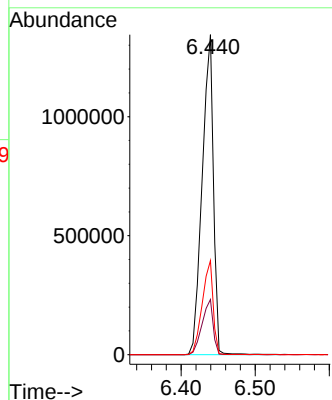
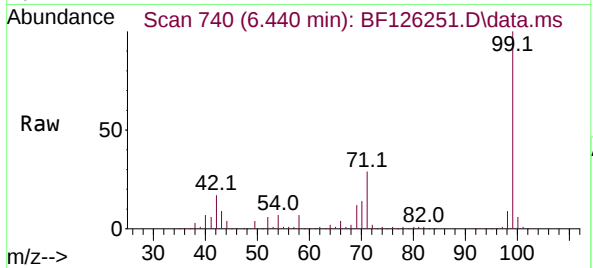




#7
Phenol-d6
Concen: 76.022 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

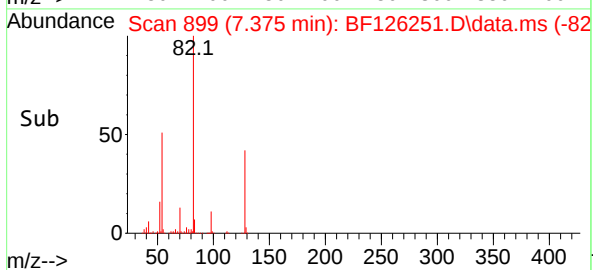
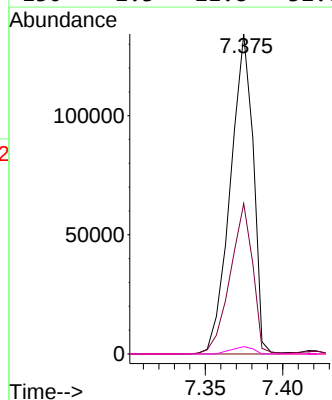
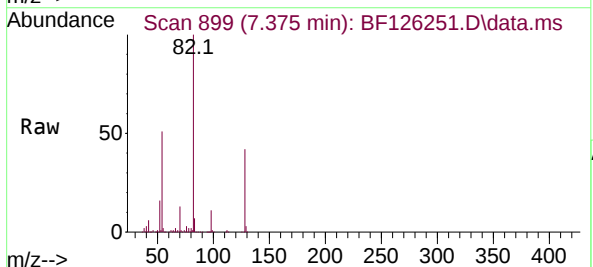
Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tgt Ion: 99 Resp: 1421637
Ion Ratio Lower Upper
99 100
42 17.3 23.5 35.3#
71 29.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.971 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

Tgt Ion: 70 Resp: 137432
Ion Ratio Lower Upper
70 100
42 47.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

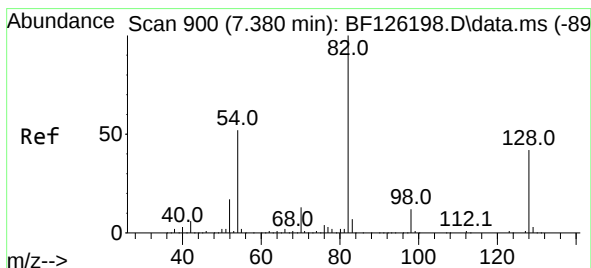
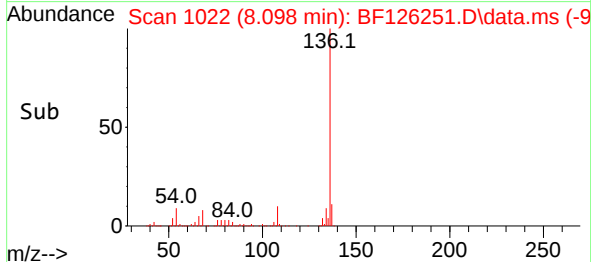
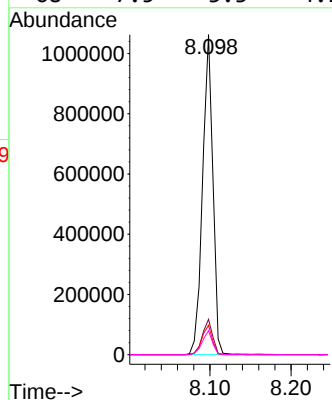
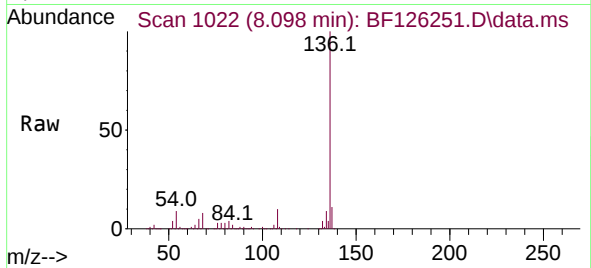




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

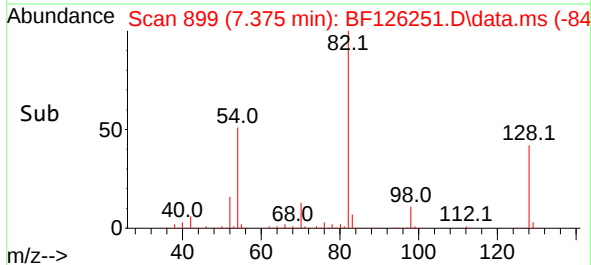
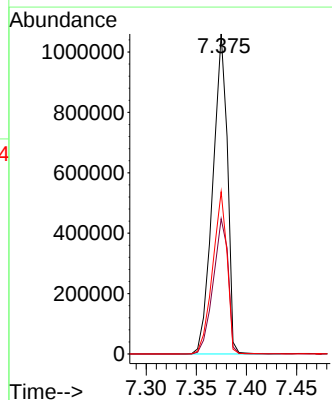
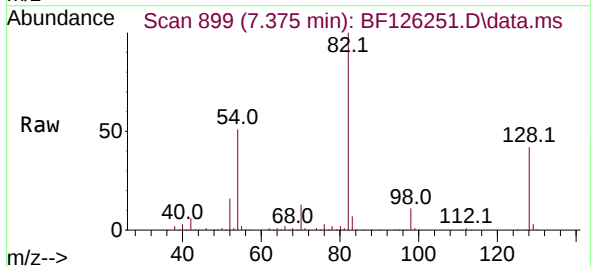
Instrument :
BNA_F
ClientSampleId :
CONCRETE

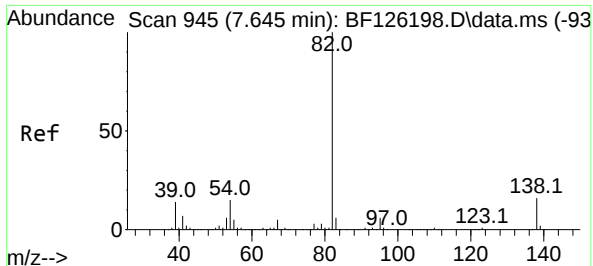
Tgt Ion:	136	Resp:	938907
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.2	6.4	9.6
68	7.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 62.209 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

Tgt Ion:	82	Resp:	1078460
Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	60.8
54	50.7	49.6	74.4

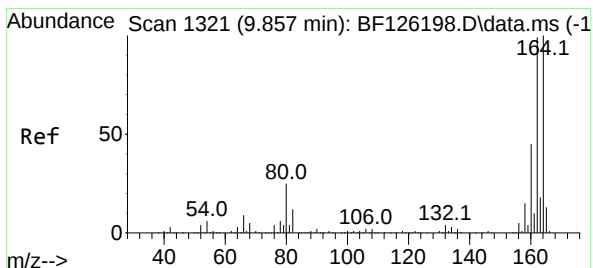
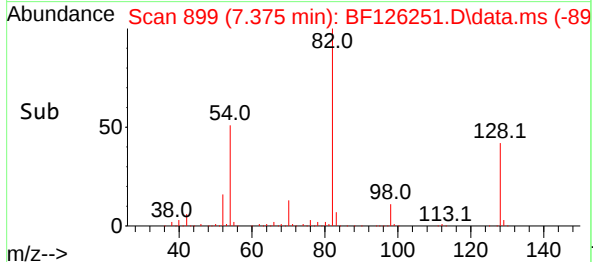
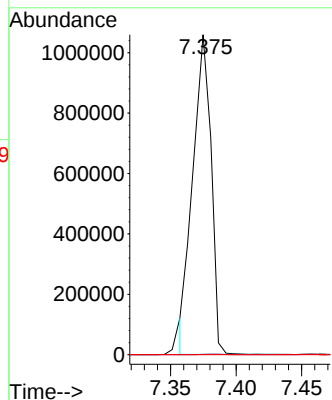
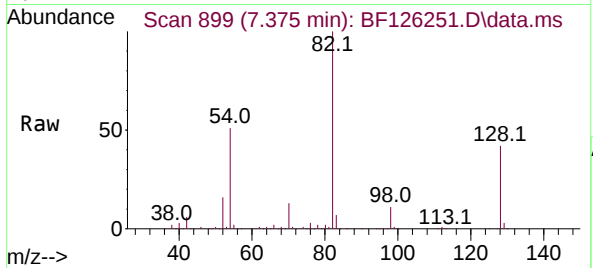




#25
Isophorone
Concen: 31.318 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

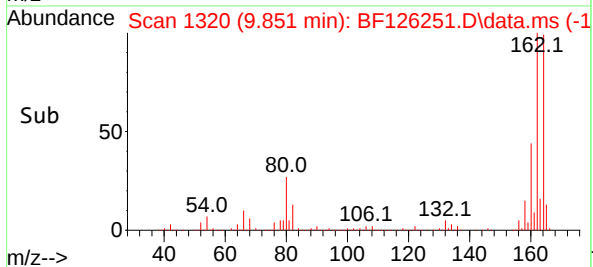
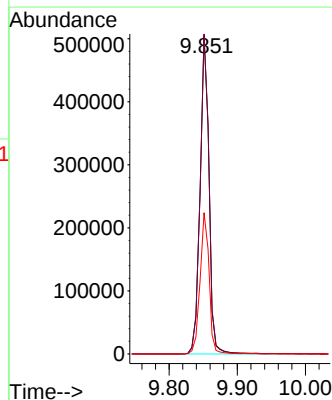
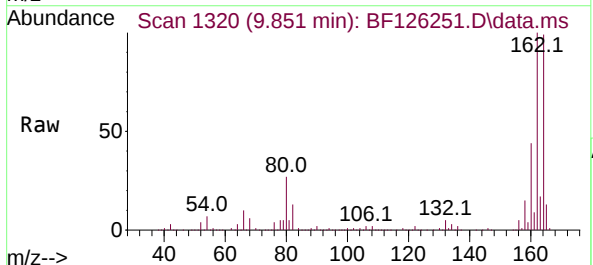
Instrument :
BNA_F
ClientSampleId :
CONCRETE

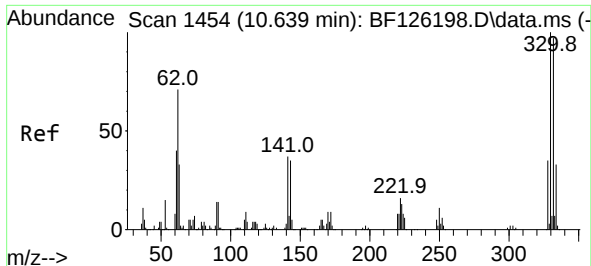
Tgt Ion: 82 Resp: 1025283
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

Tgt Ion:164 Resp: 456989
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 0.836 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF126251.D

Acq: 18 Dec 2021 13:34

Instrument :

BNA_F

ClientSampleId :

CONCRETE

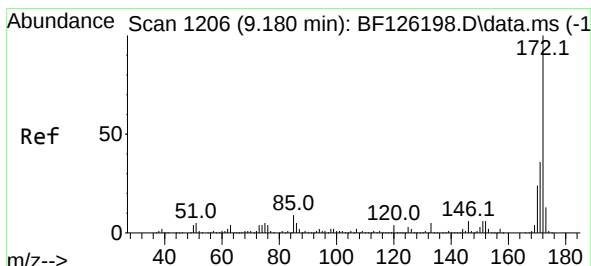
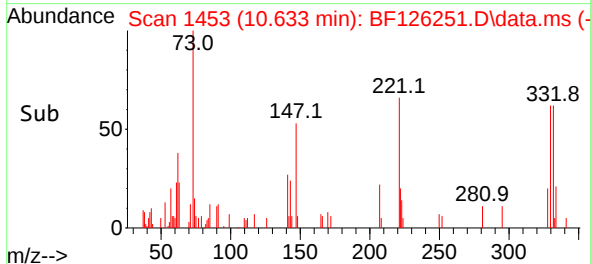
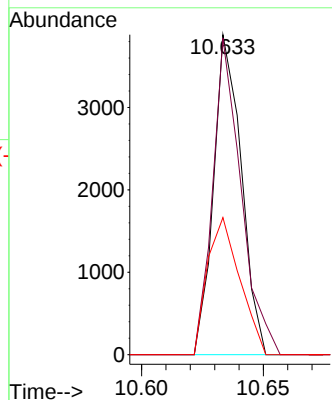
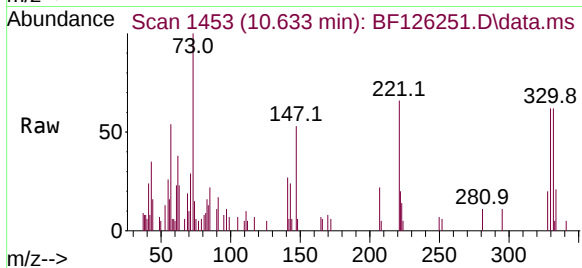
Tgt Ion:330 Resp: 3071

Ion Ratio Lower Upper

330 100

332 101.4 76.2 114.4

141 50.0 44.6 66.8



#45

2-Fluorobiphenyl

Concen: 59.122 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126251.D

Acq: 18 Dec 2021 13:34

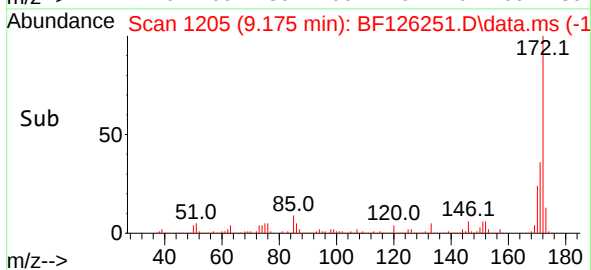
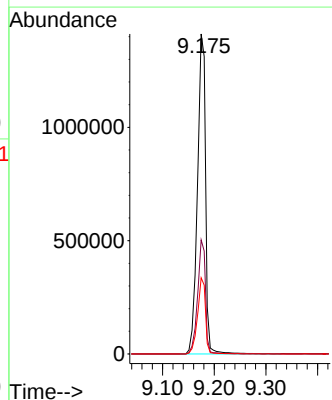
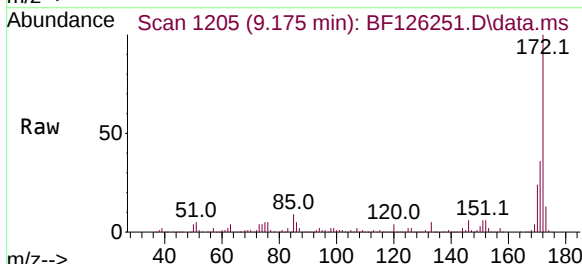
Tgt Ion:172 Resp: 1540465

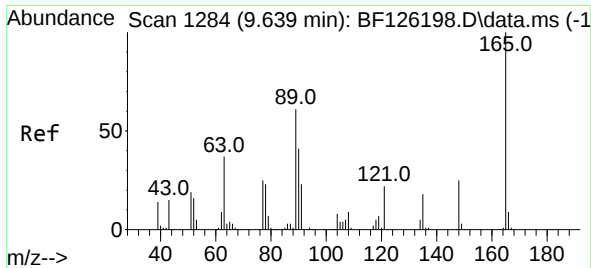
Ion Ratio Lower Upper

172 100

171 35.7 26.5 39.7

170 23.8 18.8 28.2

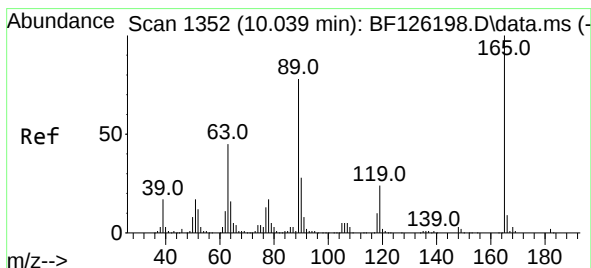
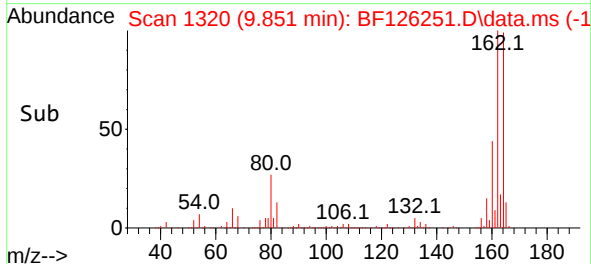
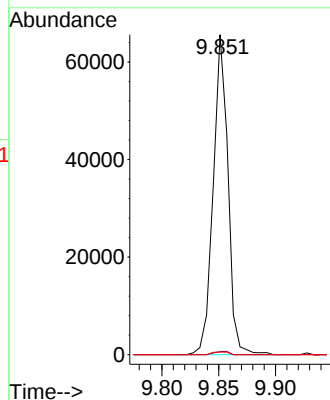
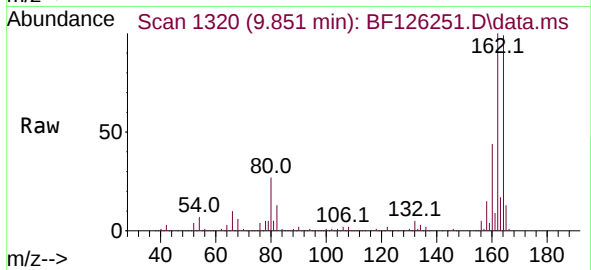




#51
2,6-Dinitrotoluene
Concen: 9.452 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

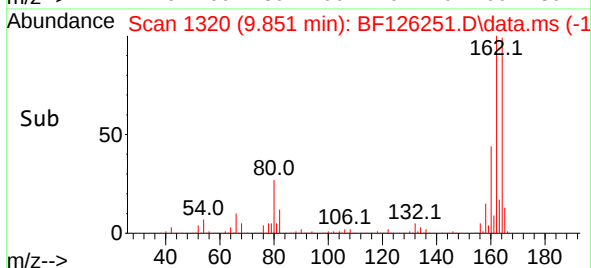
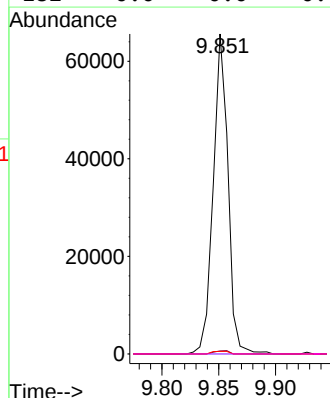
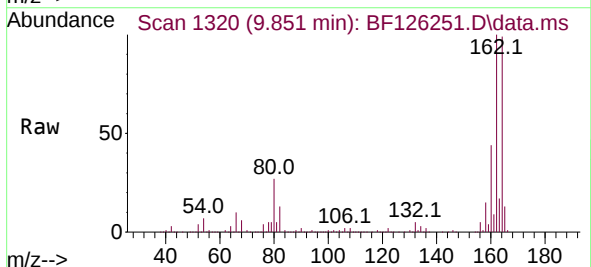
Instrument :
BNA_F
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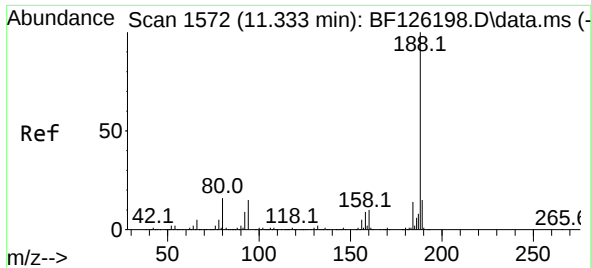
Tgt Ion:165 Resp: 59220
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.409 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

Tgt Ion:165 Resp: 59220
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

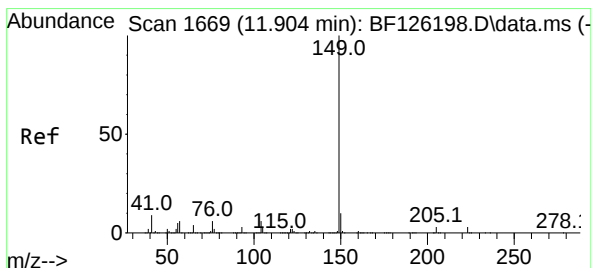
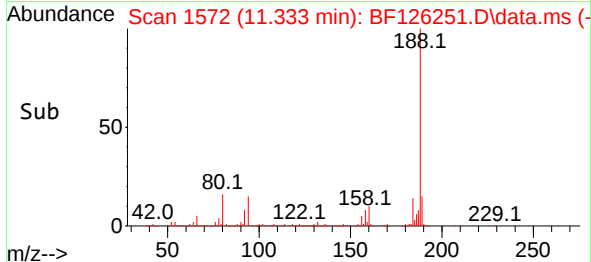
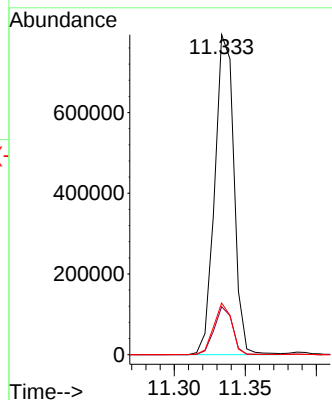
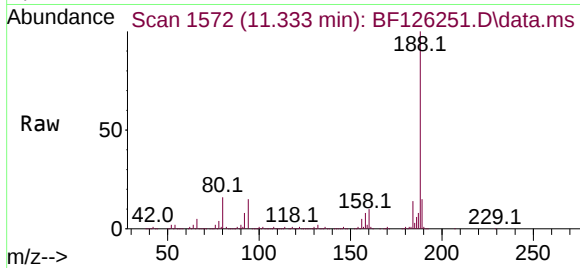




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

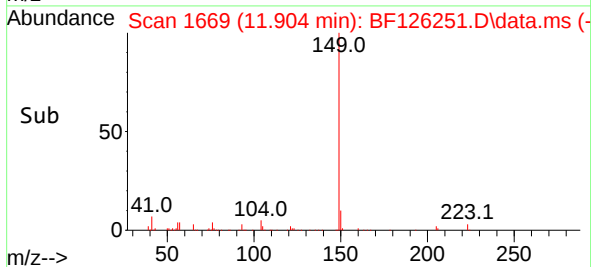
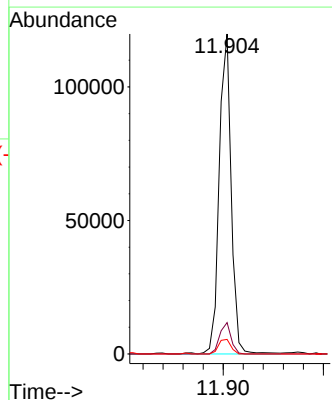
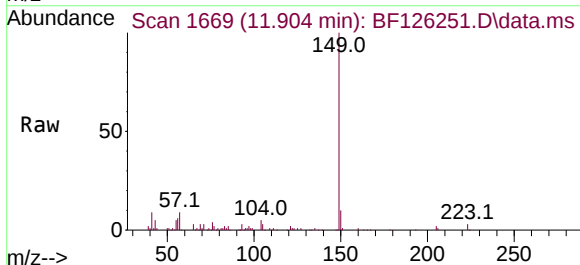
Instrument :
BNA_F
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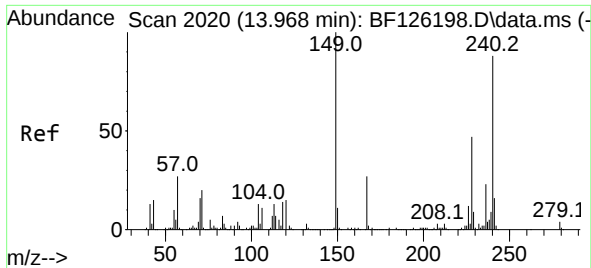
Tgt Ion:188 Resp: 746127
Ion Ratio Lower Upper
188 100
94 15.0 6.7 10.1#
80 16.1 7.5 11.3#



#74
Di-n-butylphthalate
Concen: 2.147 ng
RT: 11.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

Tgt Ion:149 Resp: 99084
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.2
104 4.6 4.1 6.1

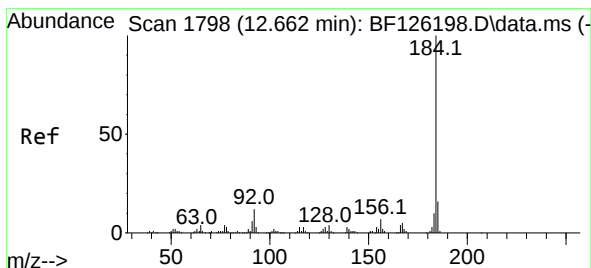
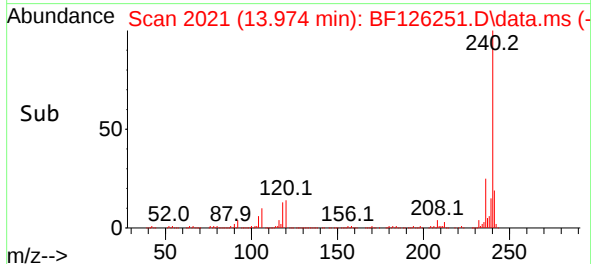
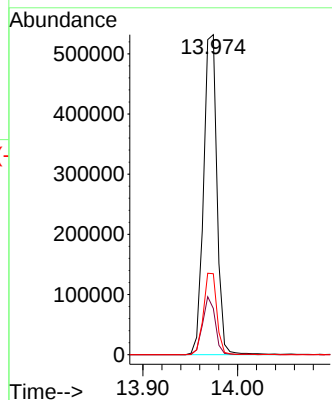
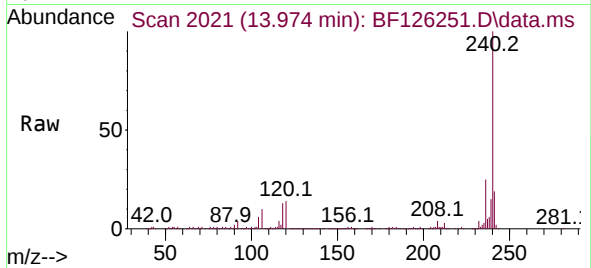




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

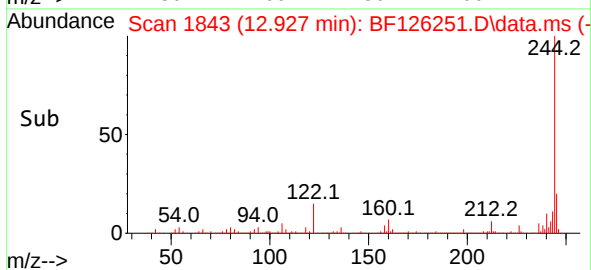
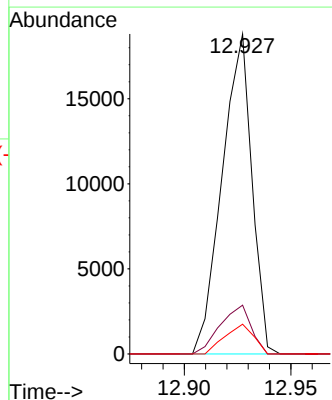
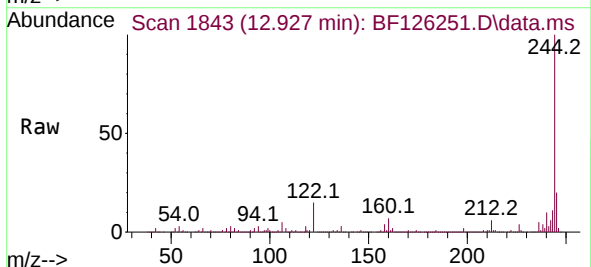
Instrument :
BNA_F
ClientSampleId :
CONCRETE

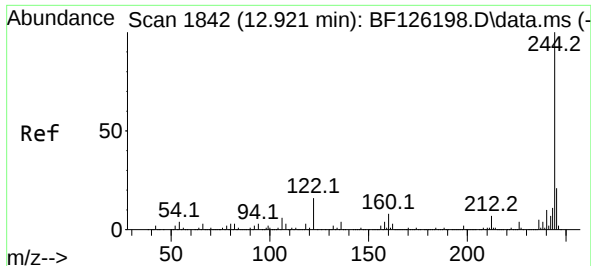
Tgt Ion:240 Resp: 522811
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 25.3 21.6 32.4



#77
Benzidine
Concen: 2.214 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126251.D
Acq: 18 Dec 2021 13:34

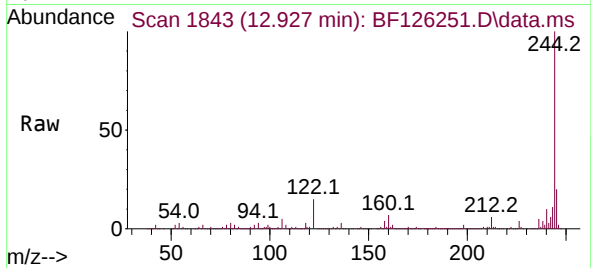
Tgt Ion:184 Resp: 18250
Ion Ratio Lower Upper
184 100
185 15.3 10.8 16.2
183 9.3 8.1 12.1



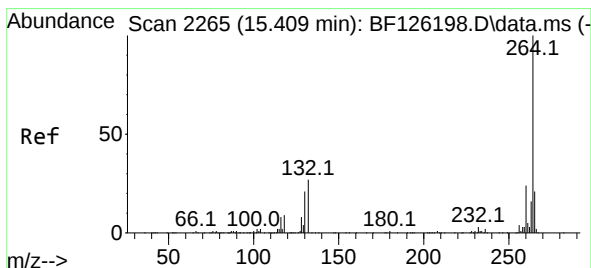
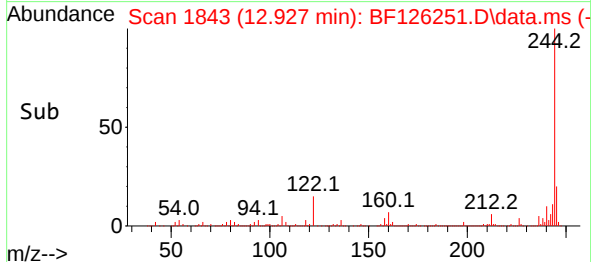
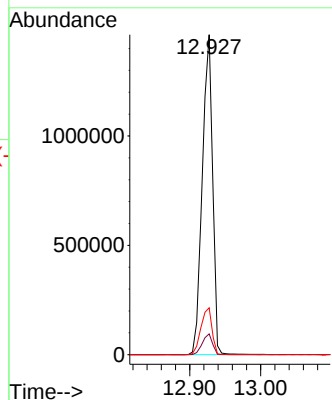


#79
 Terphenyl-d14
 Concen: 49.324 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126251.D
 Acq: 18 Dec 2021 13:34

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE



Tgt Ion:244 Resp: 1483638
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 14.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126251.D
 Acq: 18 Dec 2021 13:34

Tgt Ion:264 Resp: 420502
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 20.6 17.2 25.8

