

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126372.D
 Acq On : 27 Dec 2021 23:48
 Operator : JU/CG
 Sample : M5230-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Quant Time: Dec 28 06:01:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

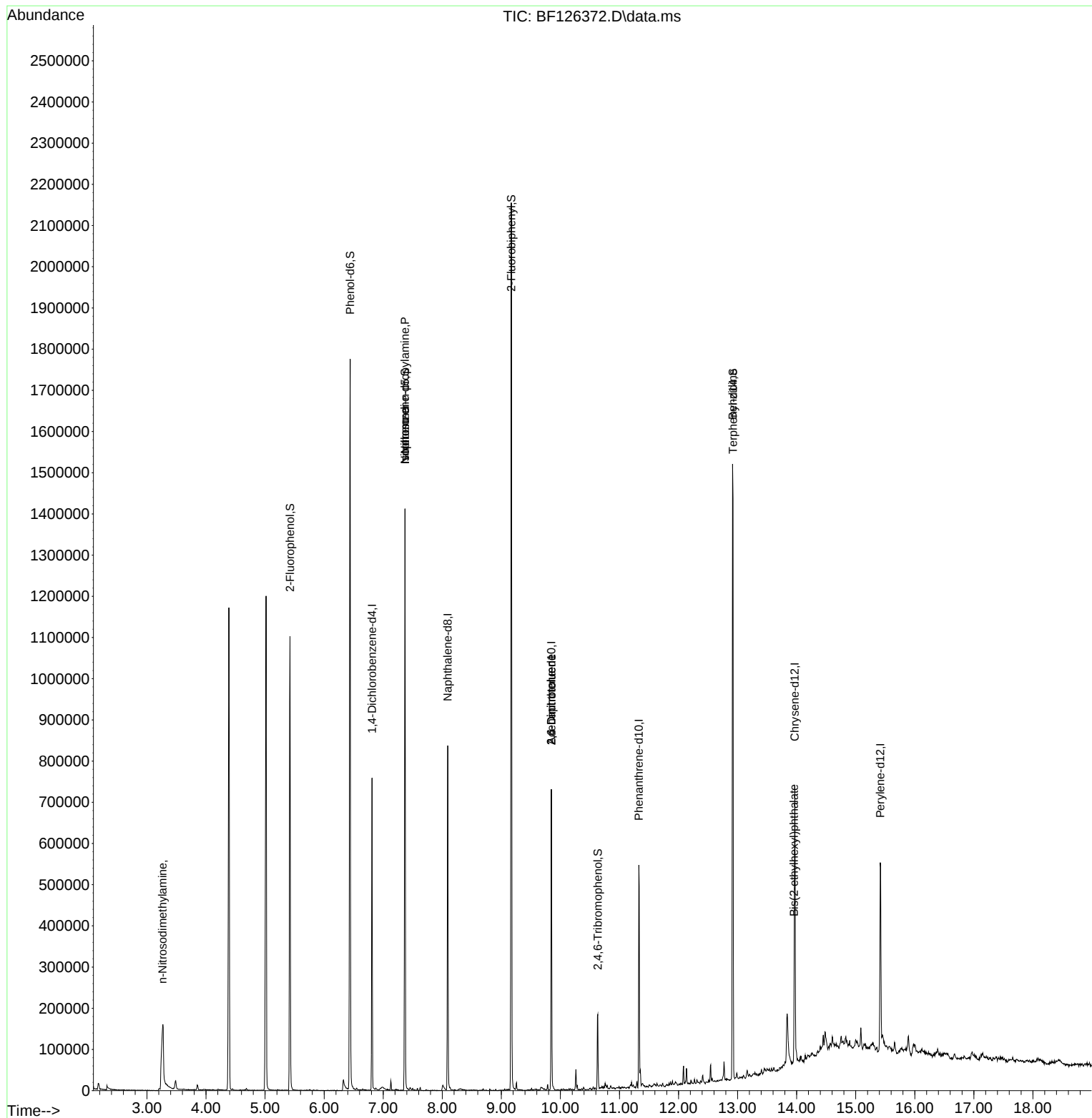
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	96539	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	365977	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	145840	20.000	ng	-0.01
64) Phenanthrene-d10	11.328	188	202176	20.000	ng	#-0.01
76) Chrysene-d12	13.969	240	205448	20.000	ng	-0.01
86) Perylene-d12	15.416	264	193630	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	318939	48.652	ng	0.00
7) Phenol-d6	6.440	99	671568	80.681	ng	0.00
23) Nitrobenzene-d5	7.369	82	445952	65.994	ng	-0.01
42) 2,4,6-Tribromophenol	10.634	330	24769	21.133	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	623479	74.980	ng	-0.01
79) Terphenyl-d14	12.922	244	525513	44.459	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.263	42	7216	2.209	ng	# 13
19) n-Nitroso-di-n-propyla...	7.369	70	55817	10.923	ng	# 54
25) Isophorone	7.369	82	445944	34.947	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	17751	8.877	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	17751	6.959	ng	# 19
77) Benzidine	12.916	184	6689	2.065	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.957	149	37155	3.743	ng	98

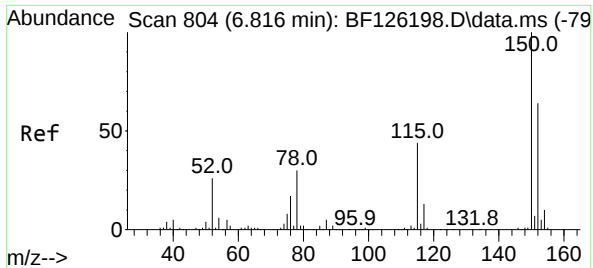
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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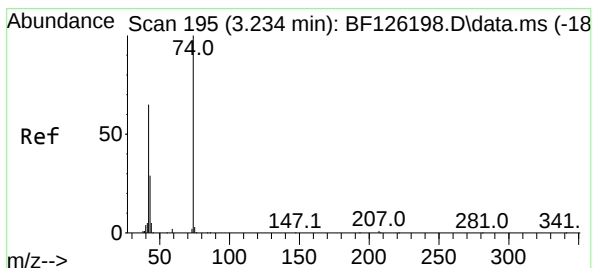
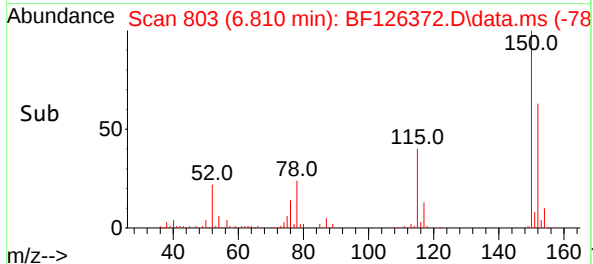
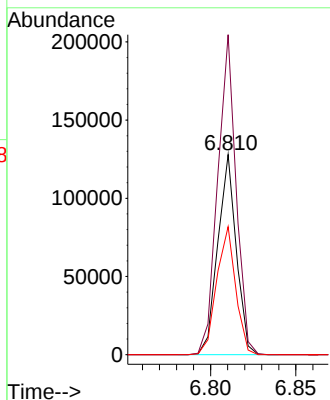
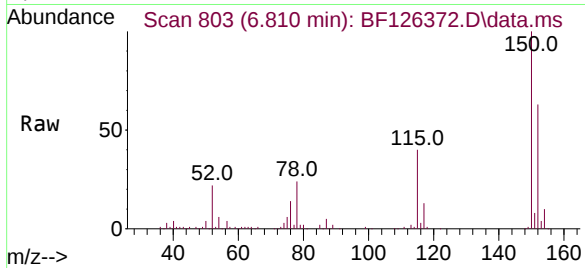




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

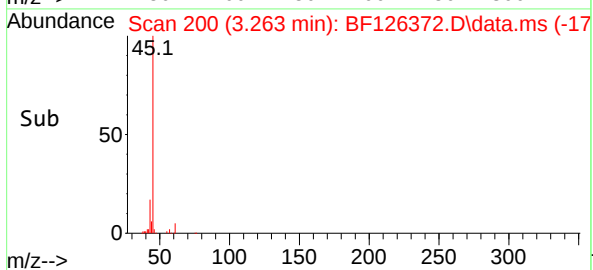
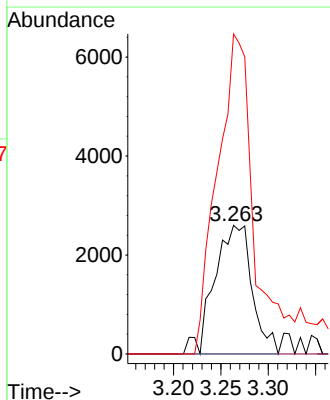
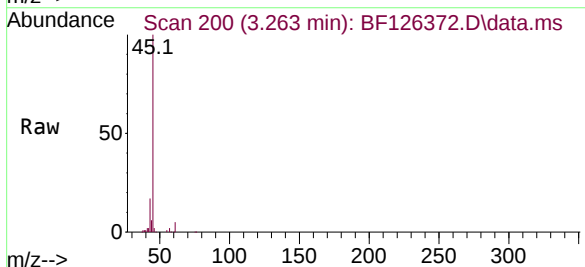
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

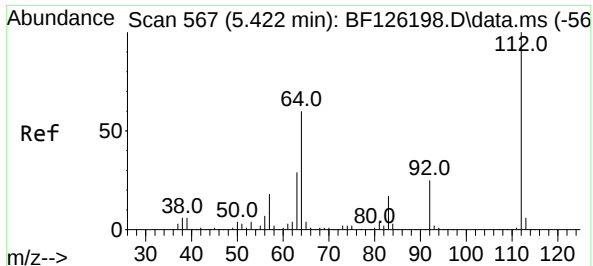
Tgt Ion:152 Resp: 96539
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 64.0 47.1 70.7



#4
n-Nitrosodimethylamine
Concen: 2.209 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.047 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

Tgt Ion: 42 Resp: 7216
Ion Ratio Lower Upper
42 100
74 0.0 59.0 88.6#
44 248.9 0.0 0.0#

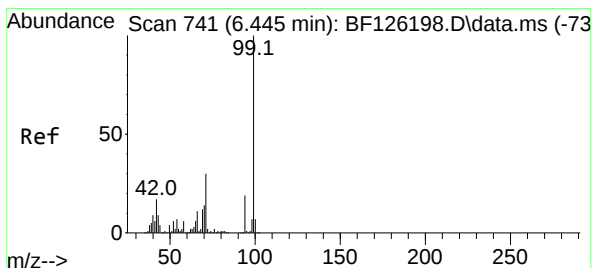
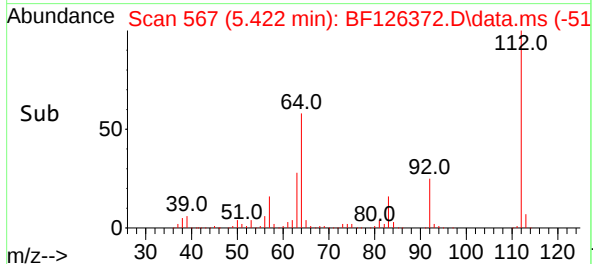
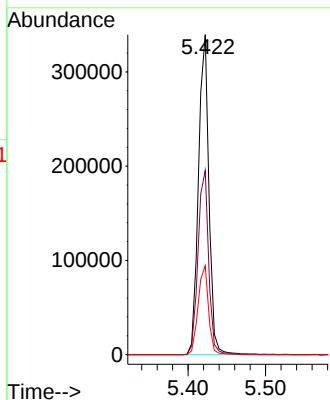
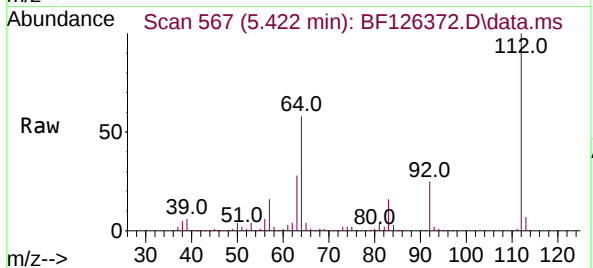




#5
2-Fluorophenol
Concen: 48.652 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

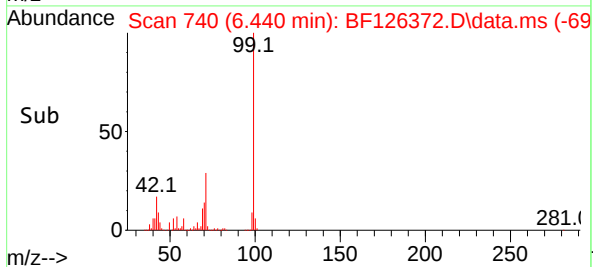
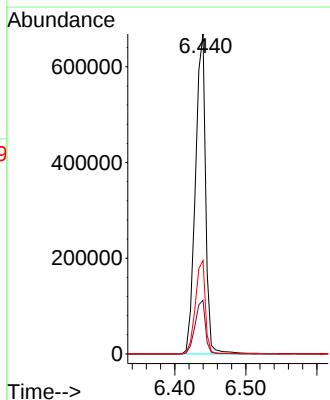
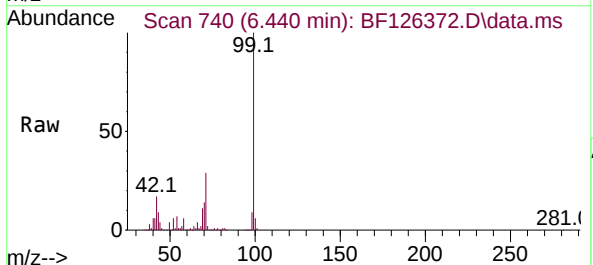
Instrument :
BNA_F
ClientSampleId :
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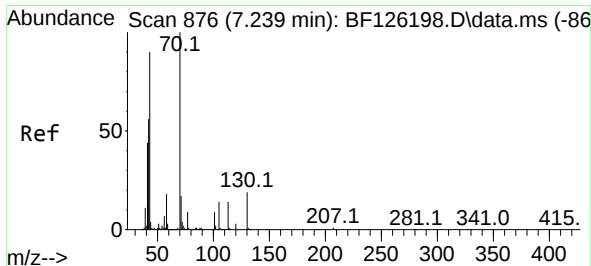
Tgt Ion:112 Resp: 318939
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 27.8 26.2 39.2



#7
Phenol-d6
Concen: 80.681 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

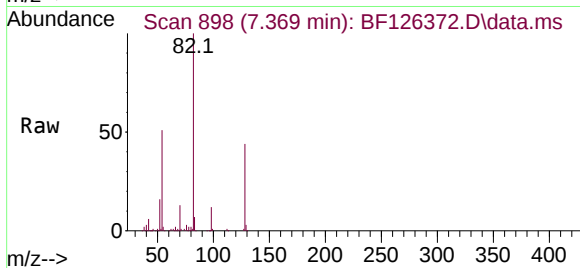
Tgt Ion: 99 Resp: 671568
Ion Ratio Lower Upper
99 100
42 16.8 23.5 35.3#
71 29.2 25.6 38.4



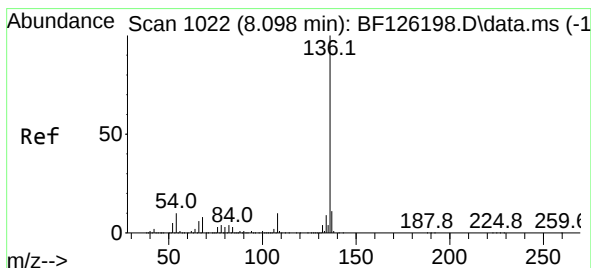
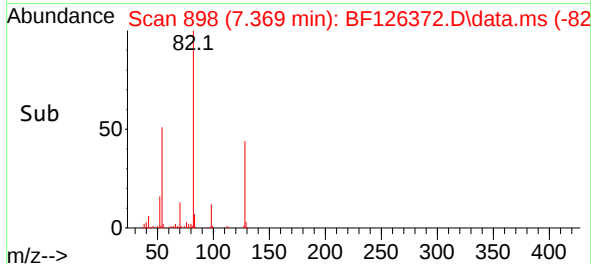
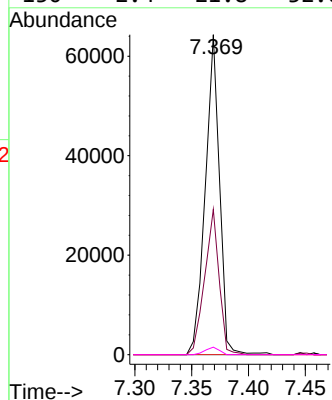


#19
n-Nitroso-di-n-propylamine
Concen: 10.923 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

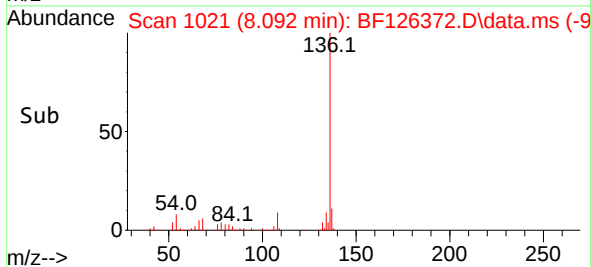
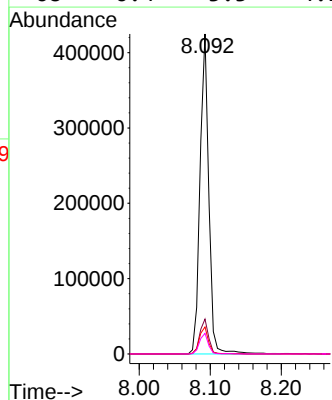
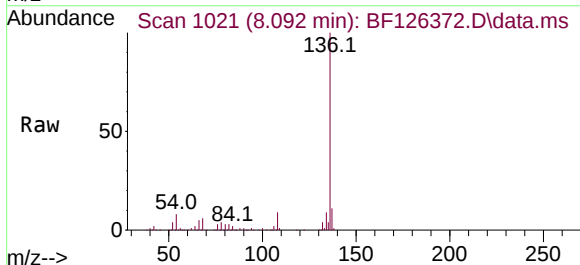


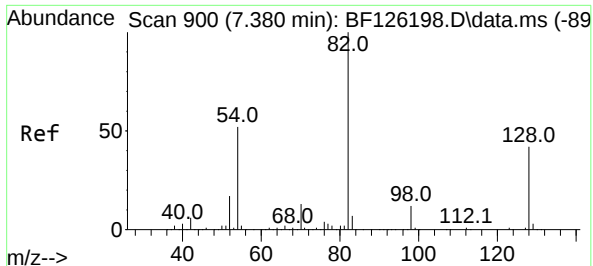
Tgt Ion: 70 Resp: 55817
Ion Ratio Lower Upper
70 100
42 45.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

Tgt Ion: 136 Resp: 365977
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.4 6.4 9.6
68 6.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 65.994 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF126372.D

Acq: 27 Dec 2021 23:48

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

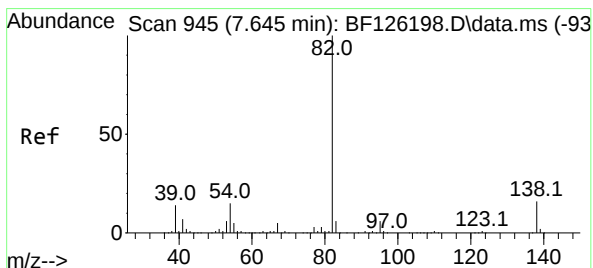
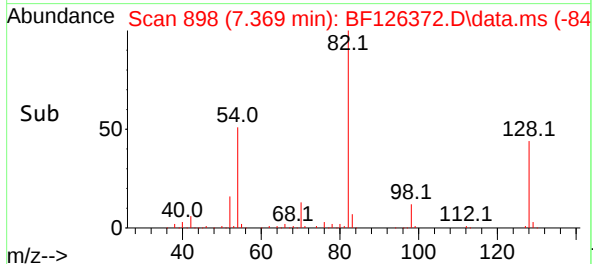
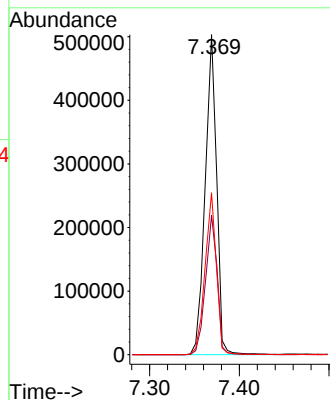
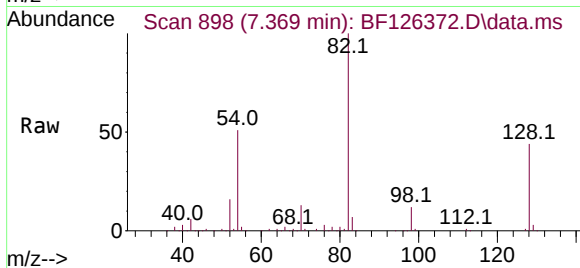
Tgt Ion: 82 Resp: 445952

Ion Ratio Lower Upper

82 100

128 43.5 40.6 60.8

54 50.6 49.6 74.4



#25

Isophorone

Concen: 34.947 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.270 min

Lab File: BF126372.D

Acq: 27 Dec 2021 23:48

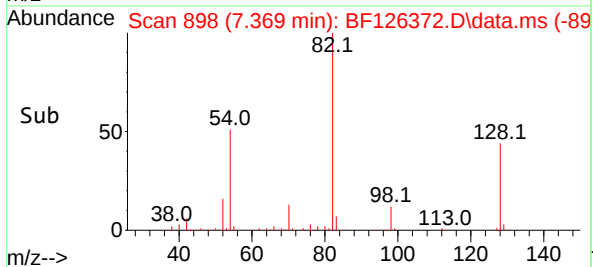
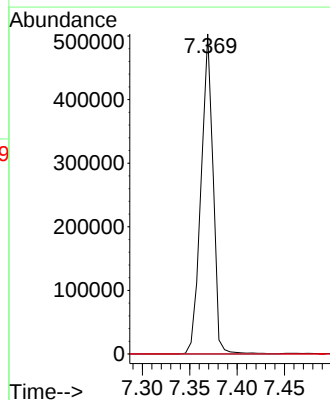
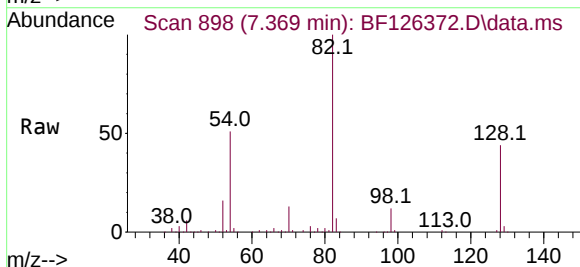
Tgt Ion: 82 Resp: 445944

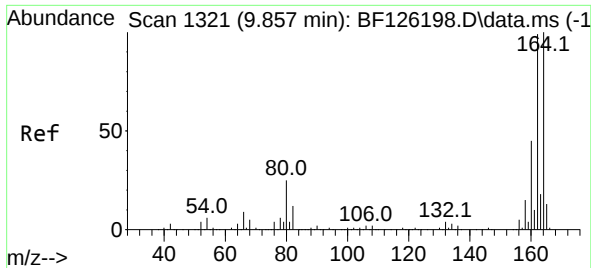
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

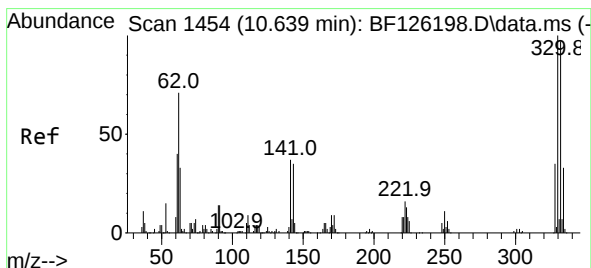
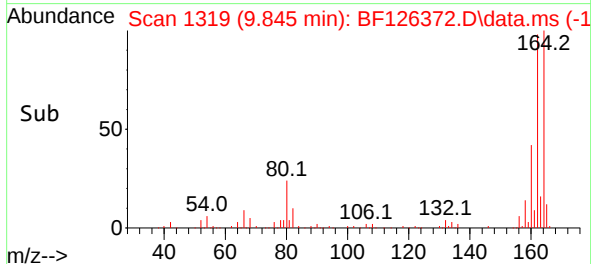
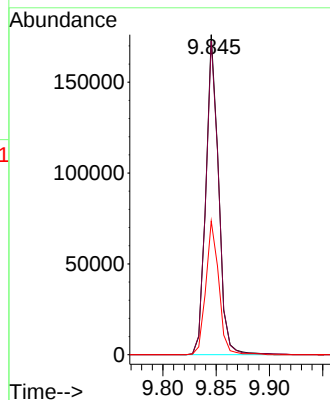
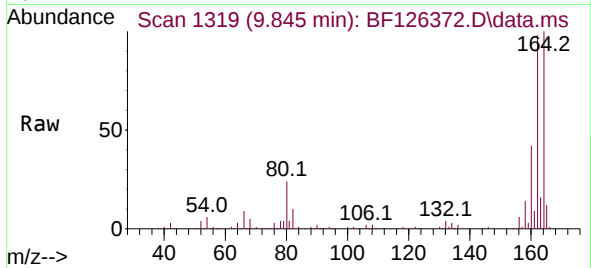




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

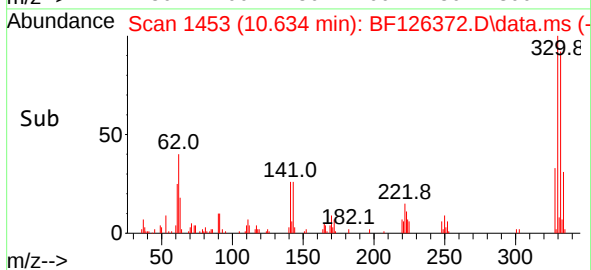
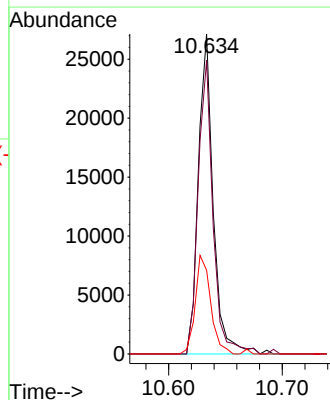
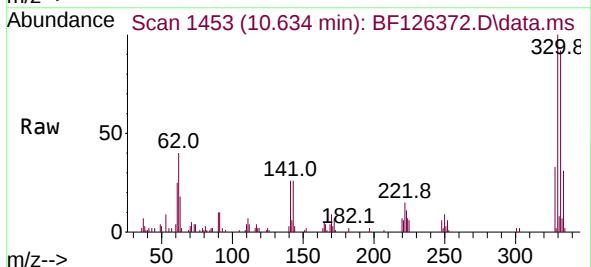
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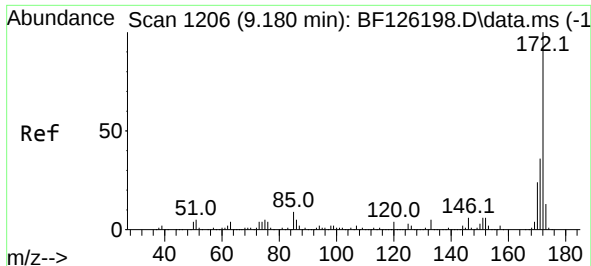
Tgt Ion:164 Resp: 145840
Ion Ratio Lower Upper
164 100
162 98.1 81.3 121.9
160 41.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 21.133 ng
RT: 10.634 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

Tgt Ion:330 Resp: 24769
Ion Ratio Lower Upper
330 100
332 91.3 76.2 114.4
141 31.9 44.6 66.8#

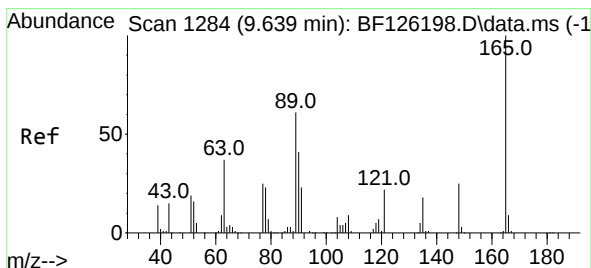
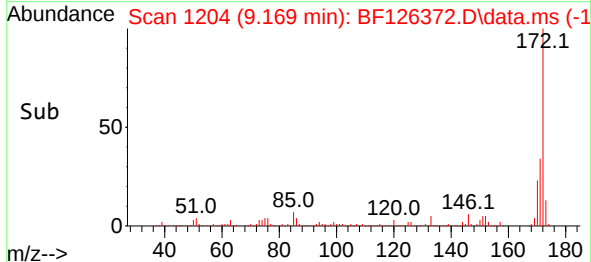
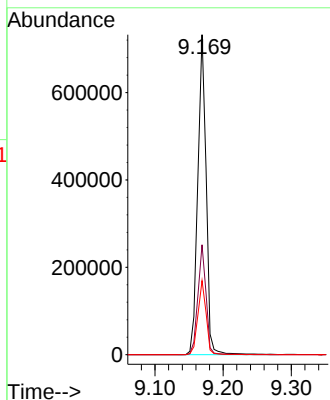
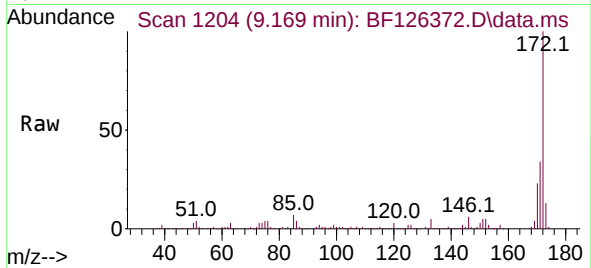




#45
2-Fluorobiphenyl
Concen: 74.980 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

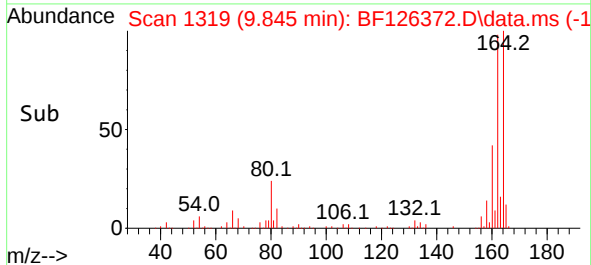
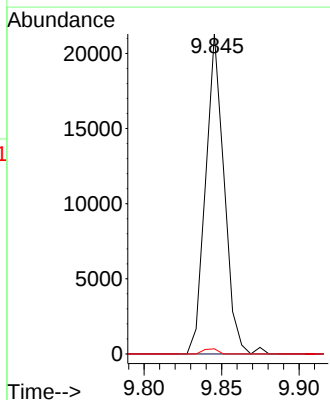
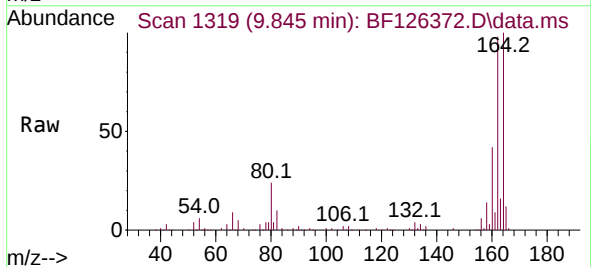
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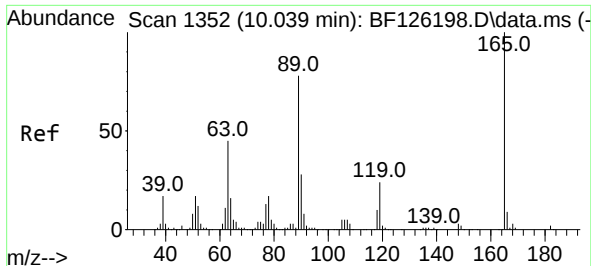
Tgt Ion:172 Resp: 623479
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.877 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

Tgt Ion:165 Resp: 17751
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.6 40.6 60.8#

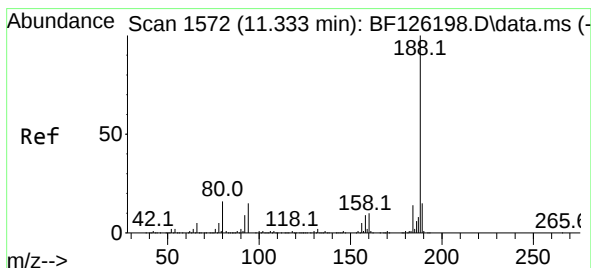
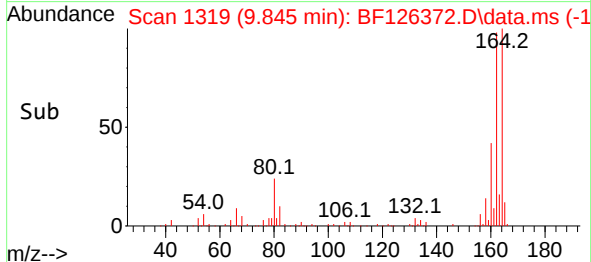
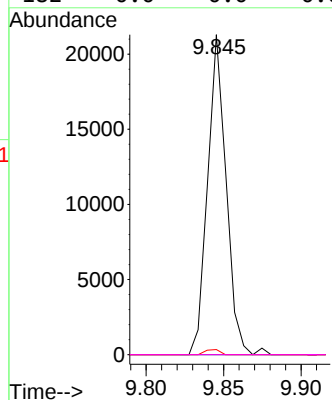
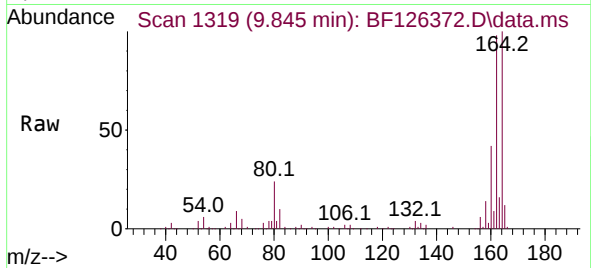




#57
2,4-Dinitrotoluene
Concen: 6.959 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

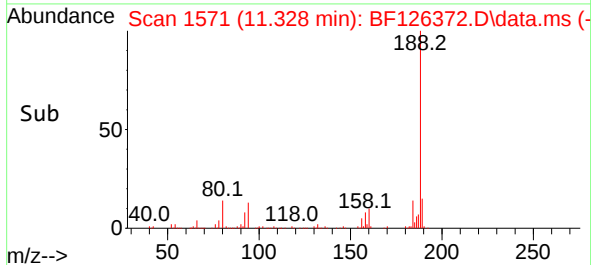
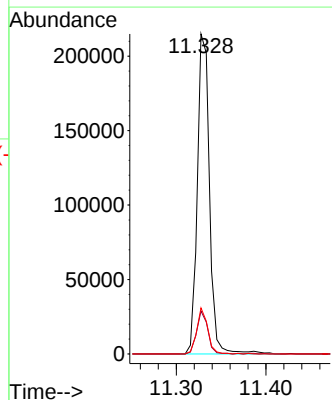
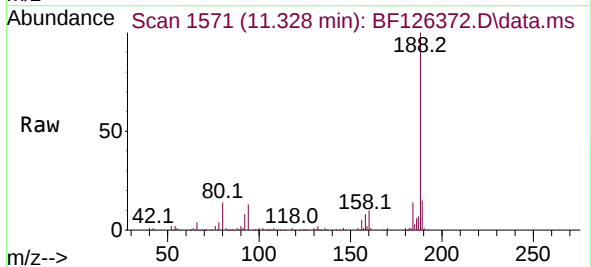
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

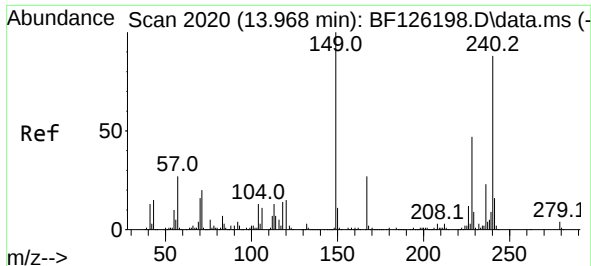
Tgt Ion:165 Resp: 17751
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

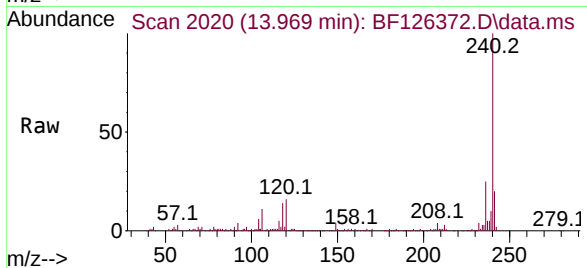
Tgt Ion:188 Resp: 202176
Ion Ratio Lower Upper
188 100
94 13.4 6.7 10.1#
80 14.4 7.5 11.3#



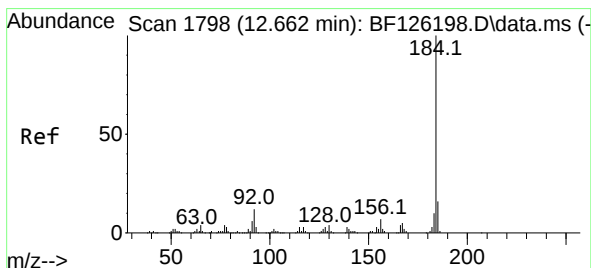
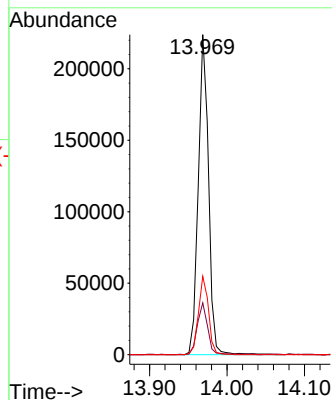
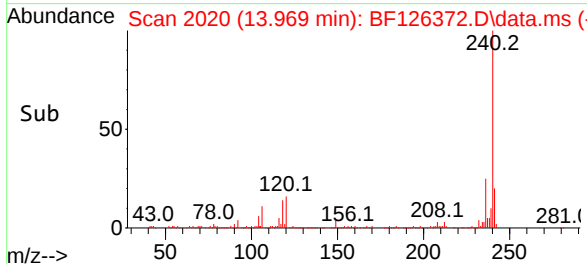


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

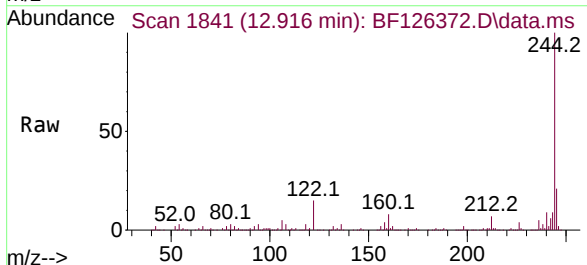
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP



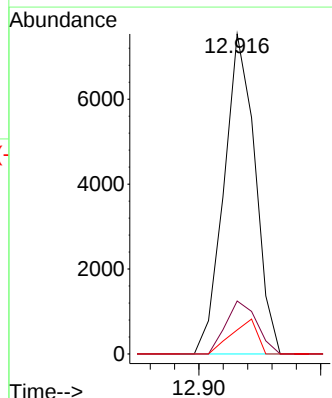
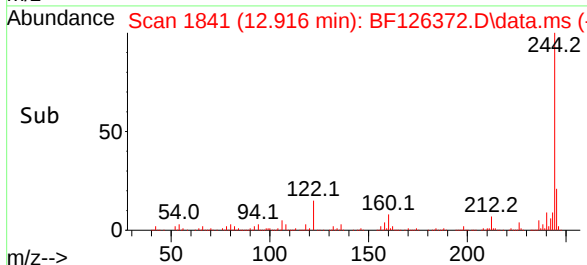
Tgt Ion:240 Resp: 205448
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2
236 24.5 21.6 32.4

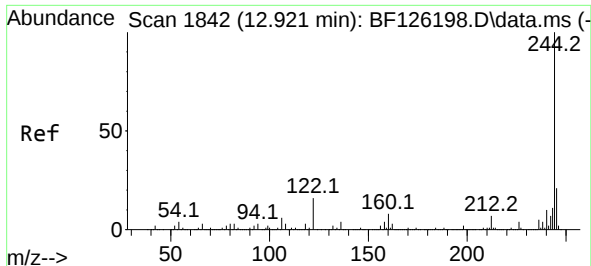


#77
Benzidine
Concen: 2.065 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48



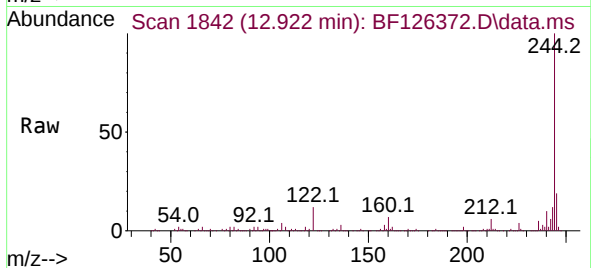
Tgt Ion:184 Resp: 6689
Ion Ratio Lower Upper
184 100
185 16.5 10.8 16.2#
183 7.5 8.1 12.1#



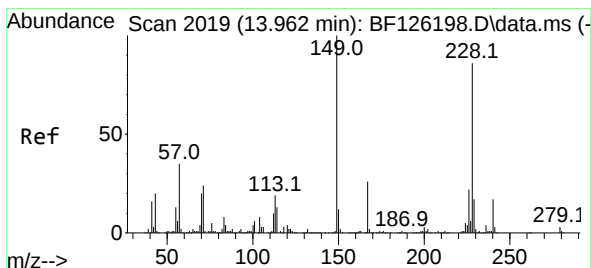
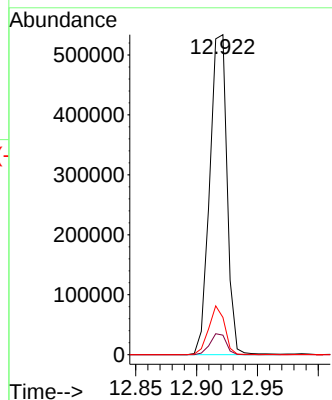
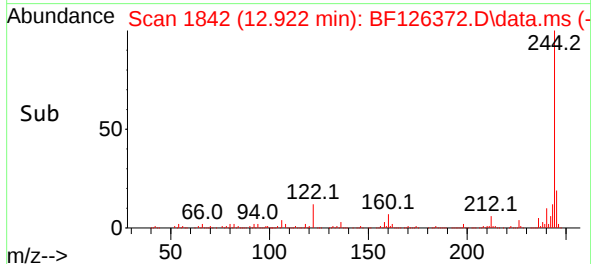


#79
 Terphenyl-d14
 Concen: 44.459 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126372.D
 Acq: 27 Dec 2021 23:48

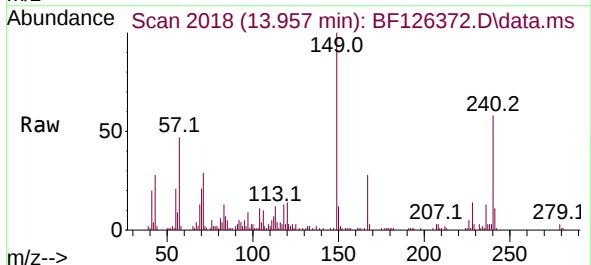
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP



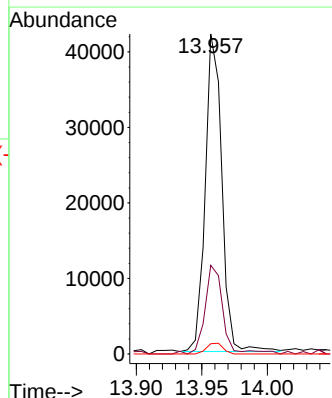
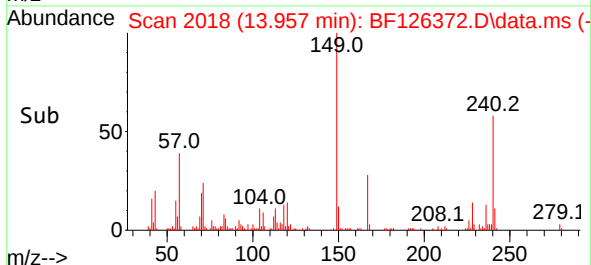
Tgt Ion:244 Resp: 525513
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.9 8.9
 122 11.7 9.0 13.4

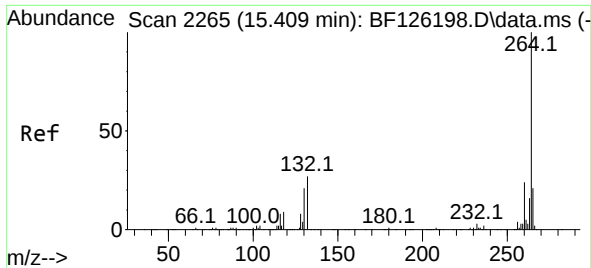


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.743 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF126372.D
 Acq: 27 Dec 2021 23:48



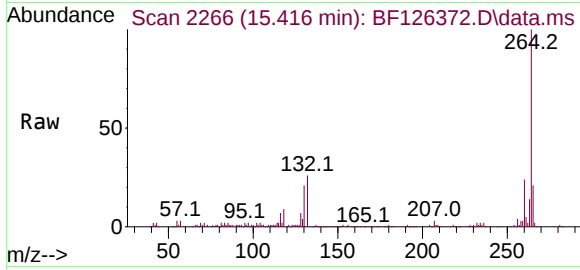
Tgt Ion:149 Resp: 37155
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.4 32.0
 279 3.2 2.6 4.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126372.D
Acq: 27 Dec 2021 23:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP



Tgt Ion:264 Resp: 193630
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.3 17.2 25.8

