

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126290.D
 Acq On : 20 Dec 2021 21:21
 Operator : JU/CG
 Sample : M5130-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-GREEN-CLAY

Quant Time: Dec 21 05:12:30 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)

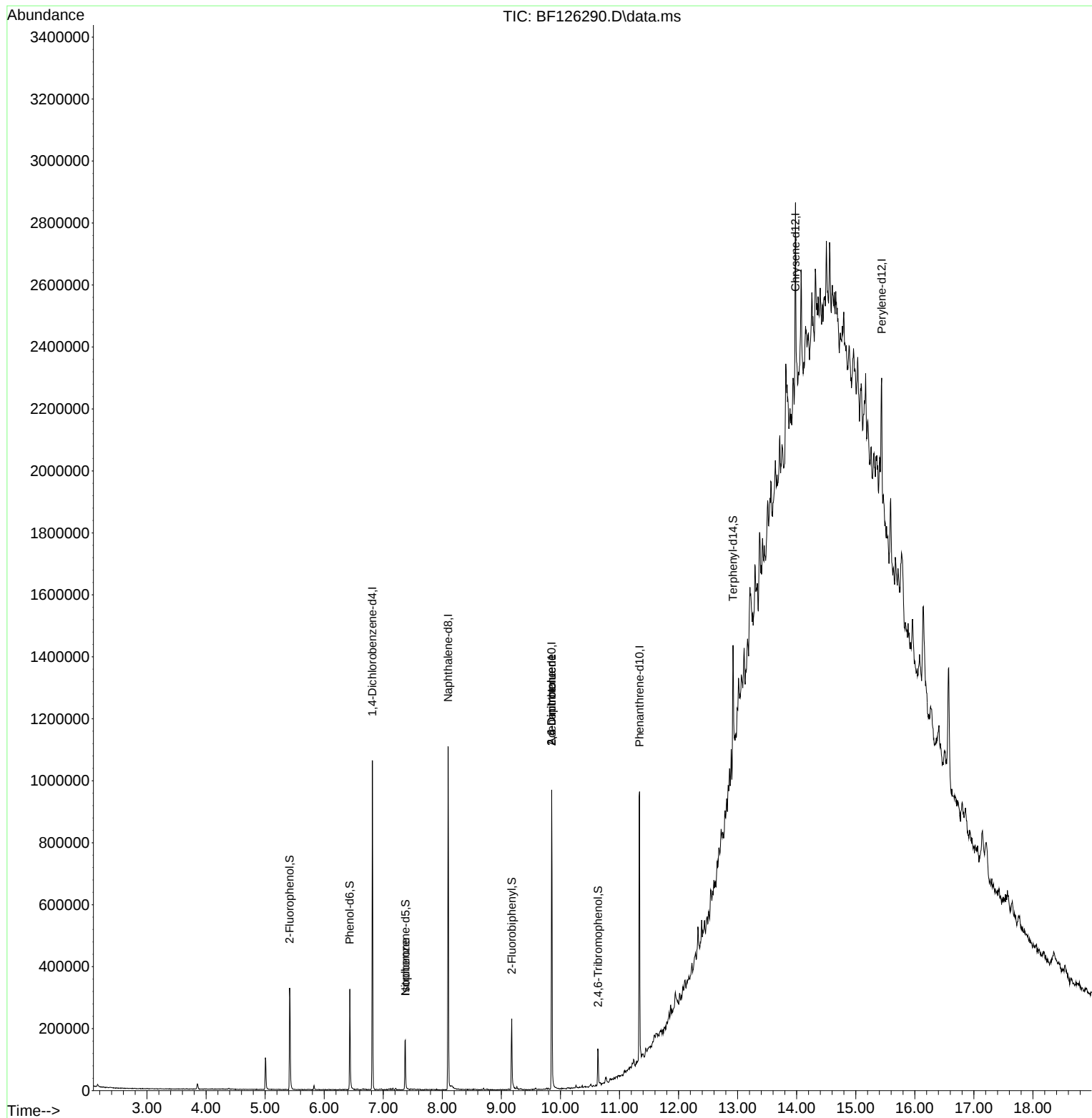
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	141314	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	492283	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	195799	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	323932	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	274645	20.000	ng	0.01
86) Perylene-d12	15.439	264	242564	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	102773	10.710	ng	0.00
7) Phenol-d6	6.434	99	109755	9.008	ng	-0.01
23) Nitrobenzene-d5	7.375	82	61118	6.724	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	14139	8.986	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	83239	7.456	ng	0.00
79) Terphenyl-d14	12.921	244	89899	5.689	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.375	82	60472	3.523	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	24859	9.260	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	24859	7.259	ng	# 19

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

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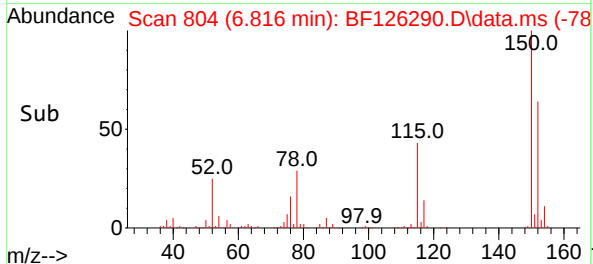
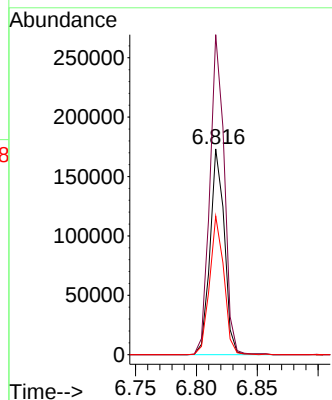
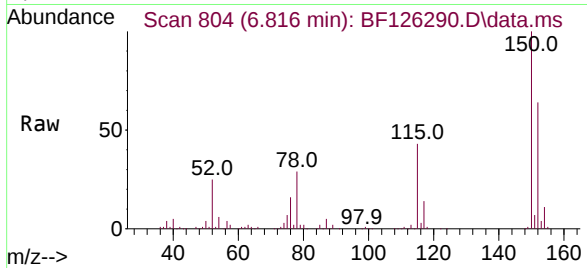




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

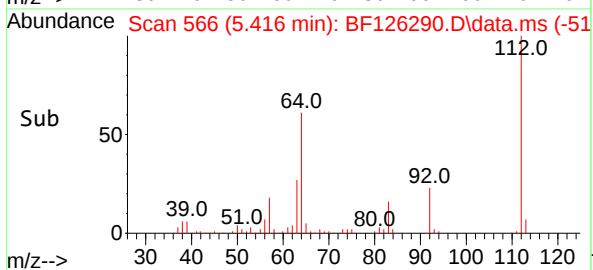
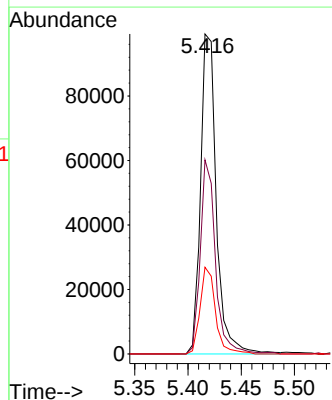
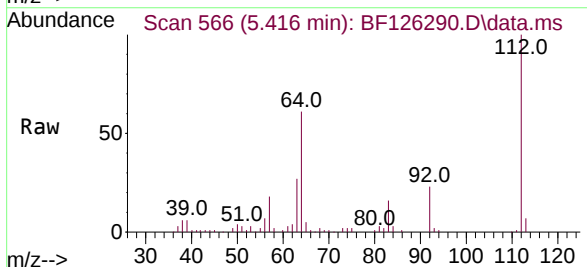
Instrument :
BNA_F
ClientSampleId :
BLUE-GREEN-CLAY

Tgt Ion:152 Resp: 141314
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 67.3 47.1 70.7



#5
2-Fluorophenol
Concen: 10.710 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

Tgt Ion:112 Resp: 102773
Ion Ratio Lower Upper
112 100
64 60.6 44.2 66.2
63 27.1 26.2 39.2

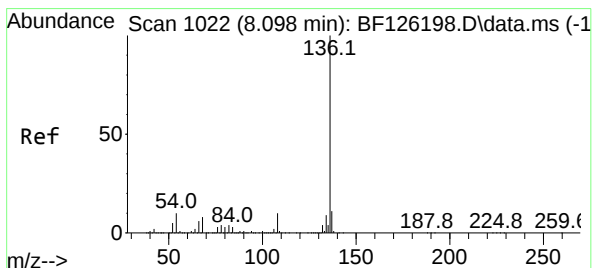
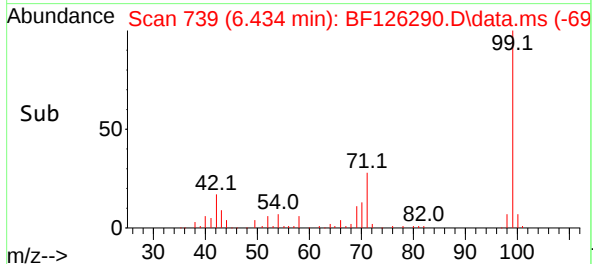
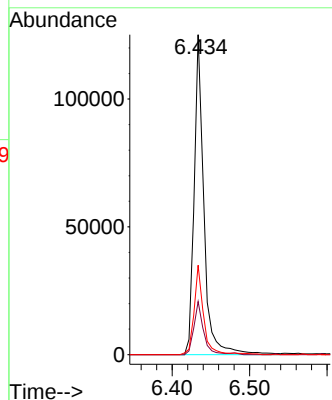
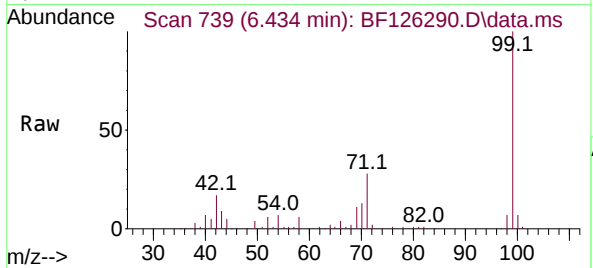




#7
Phenol-d6
Concen: 9.008 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

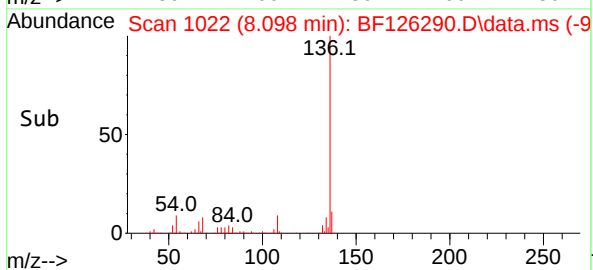
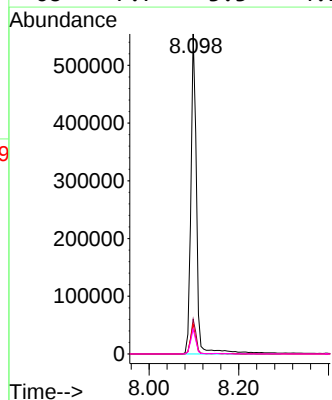
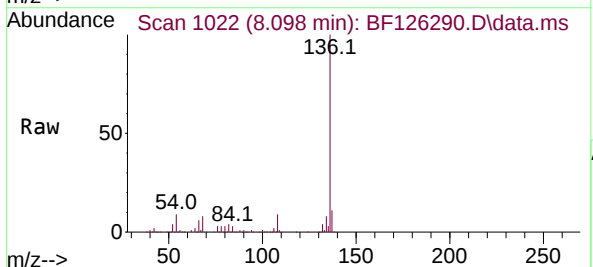
Instrument :
BNA_F
ClientSampleId :
BLUE-GREEN-CLAY

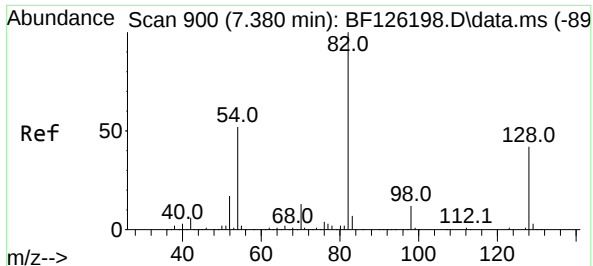
Tgt Ion: 99 Resp: 109755
Ion Ratio Lower Upper
99 100
42 16.6 23.5 35.3#
71 27.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

Tgt Ion: 136 Resp: 492283
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.3 6.4 9.6
68 7.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 6.724 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126290.D

Acq: 20 Dec 2021 21:21

Instrument :

BNA_F

ClientSampleId :

BLUE-GREEN-CLAY

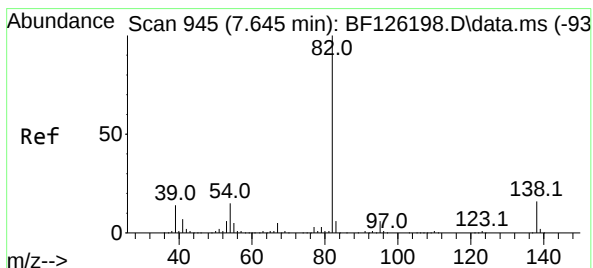
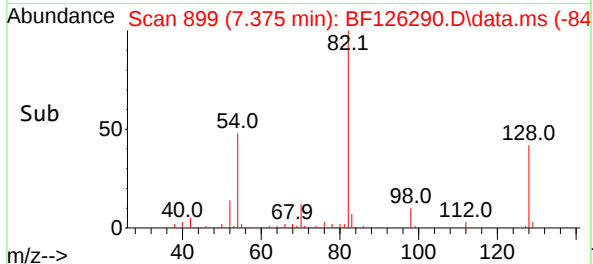
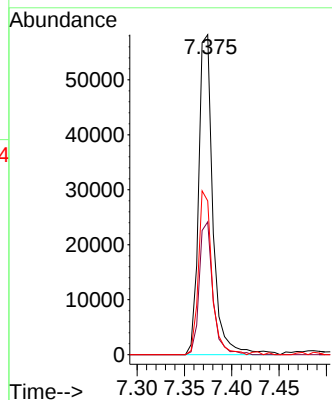
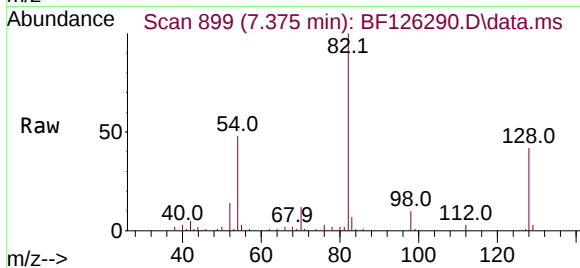
Tgt Ion: 82 Resp: 61118

Ion Ratio Lower Upper

82 100

128 41.5 40.6 60.8

54 48.0 49.6 74.4#



#25

Isophorone

Concen: 3.523 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.271 min

Lab File: BF126290.D

Acq: 20 Dec 2021 21:21

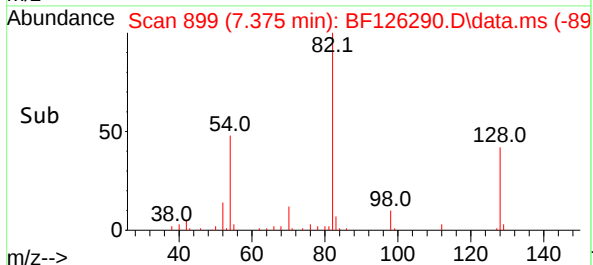
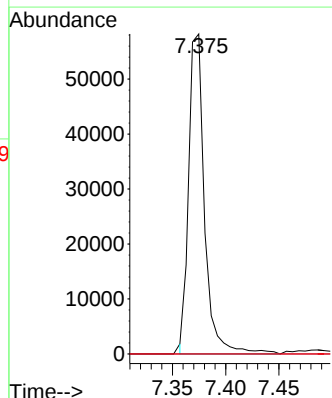
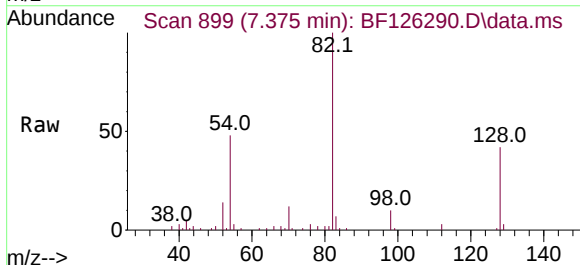
Tgt Ion: 82 Resp: 60472

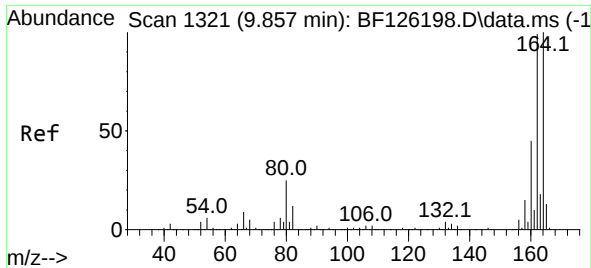
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

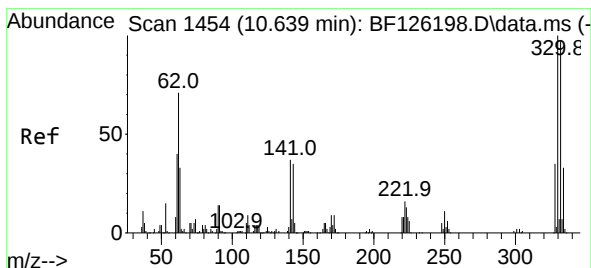
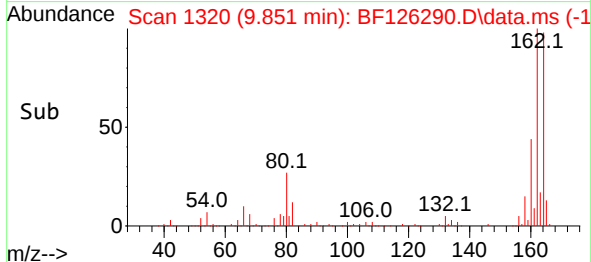
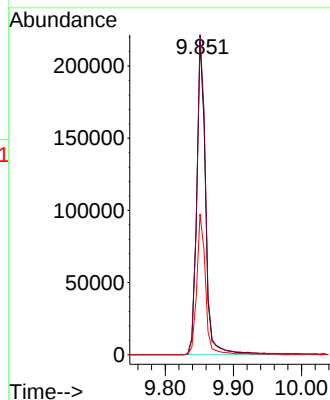
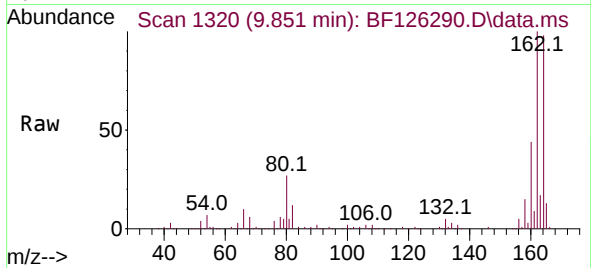




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

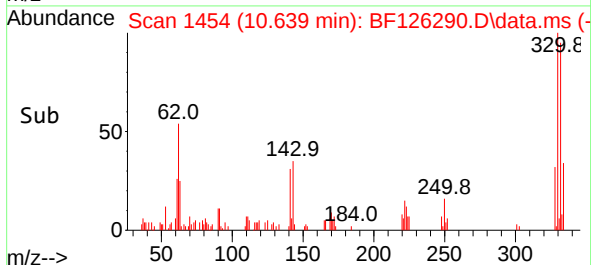
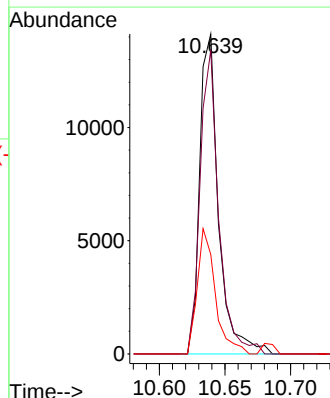
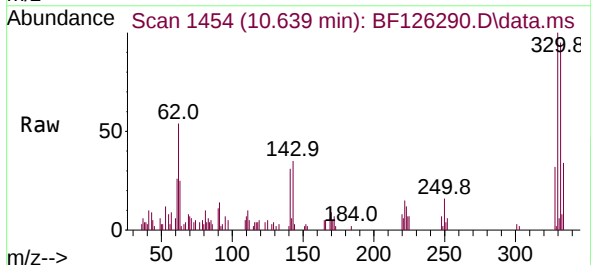
Instrument :
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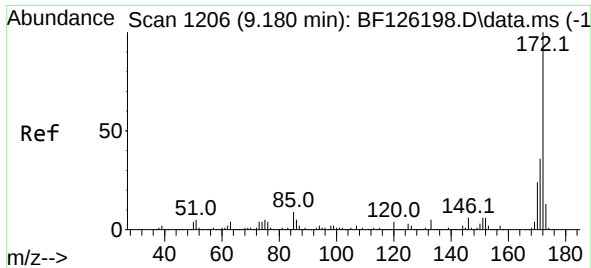
Tgt Ion:164 Resp: 195799
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 8.986 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

Tgt Ion:330 Resp: 14139
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 37.5 44.6 66.8#

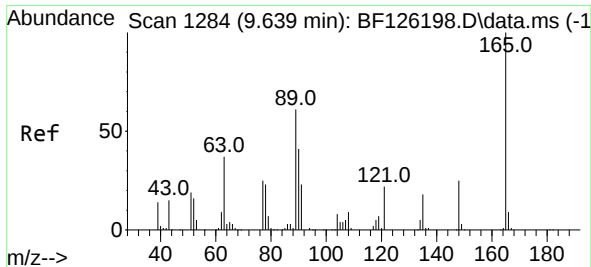
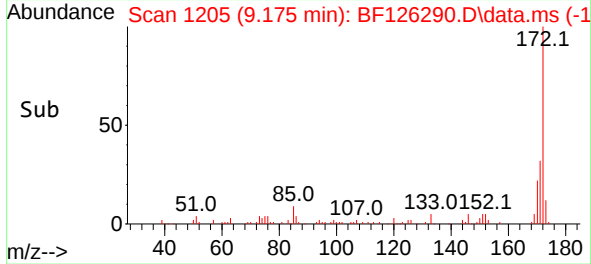
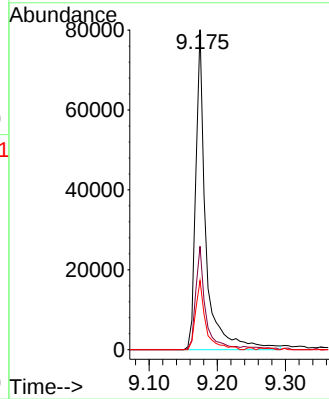
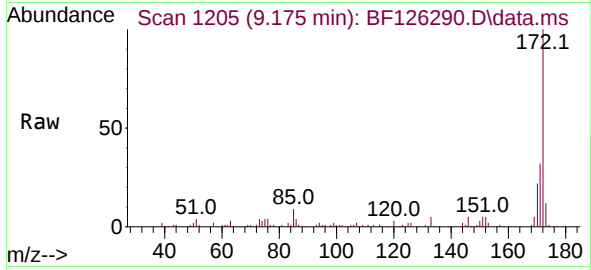




#45
2-Fluorobiphenyl
Concen: 7.456 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

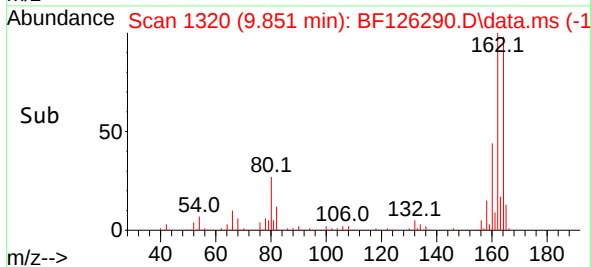
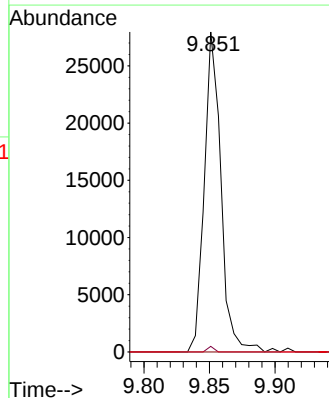
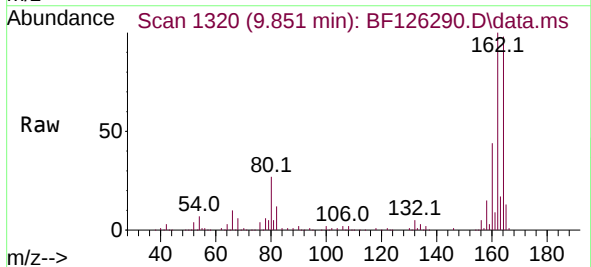
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BNA_F
ClientSampleId :
BLUE-GREEN-CLAY

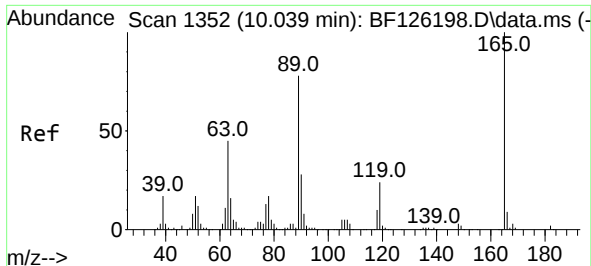
Tgt Ion:172 Resp: 83239
Ion Ratio Lower Upper
172 100
171 32.3 26.5 39.7
170 21.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.260 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

Tgt Ion:165 Resp: 24859
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 0.0 40.6 60.8#

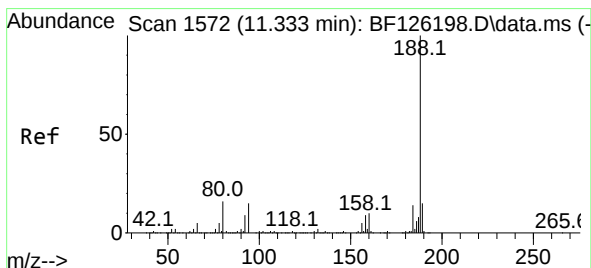
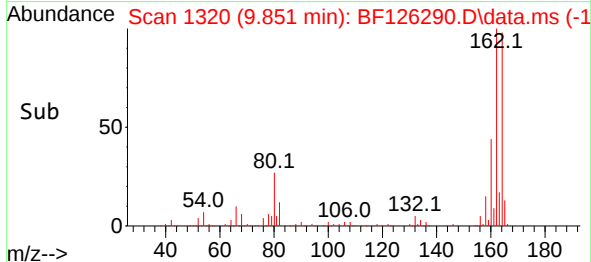
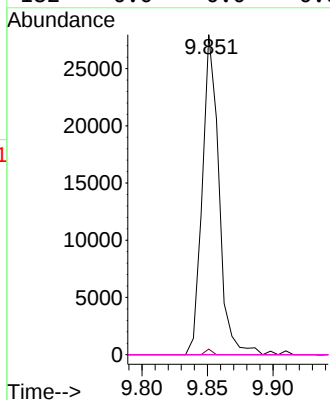
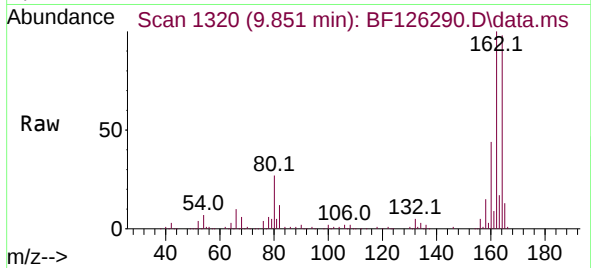




#57
2,4-Dinitrotoluene
Concen: 7.259 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

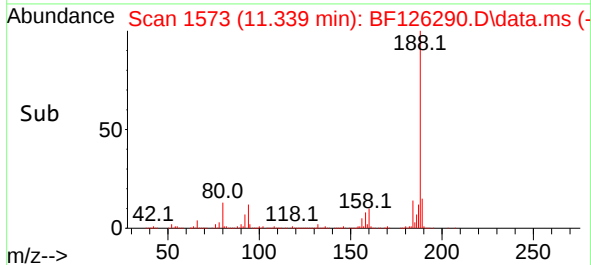
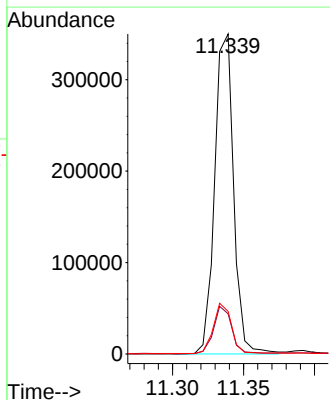
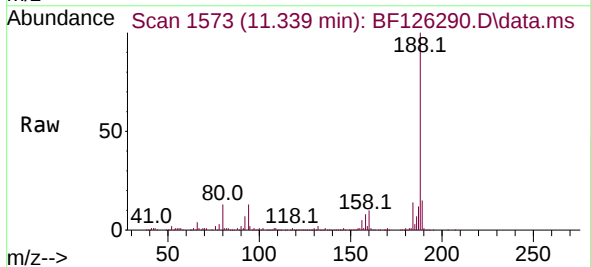
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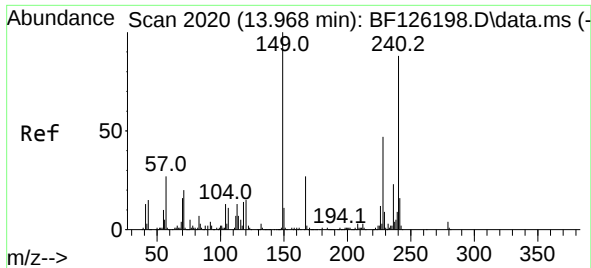
Tgt Ion:	165	Resp:	24859
Ion Ratio	Lower	Upper	
165	100		
63	1.8	40.9	61.3#
89	0.0	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

Tgt Ion:	188	Resp:	323932
Ion Ratio	Lower	Upper	
188	100		
94	12.6	6.7	10.1#
80	13.3	7.5	11.3#

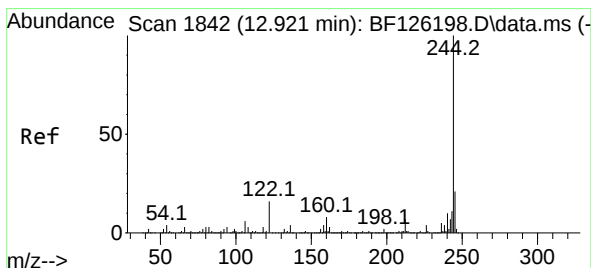
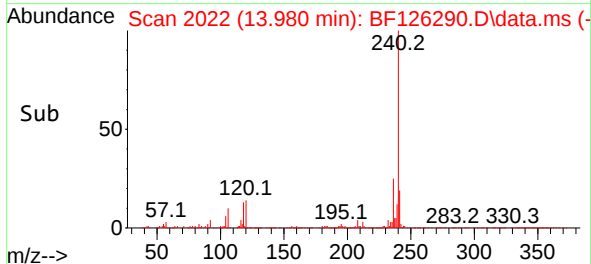
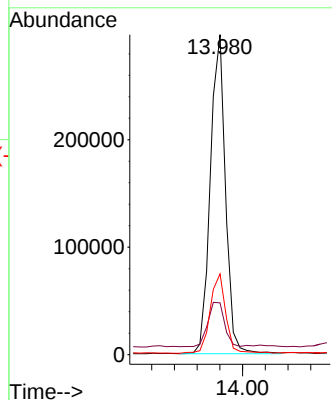
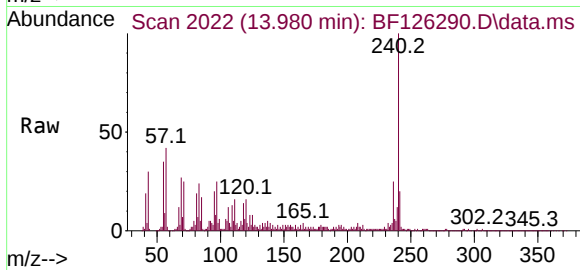




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

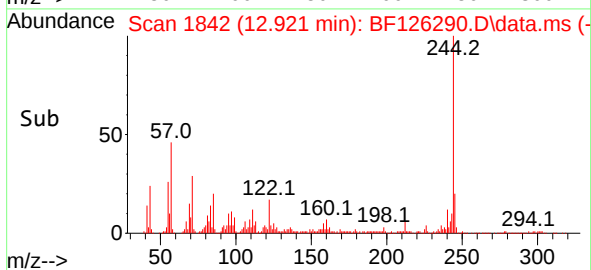
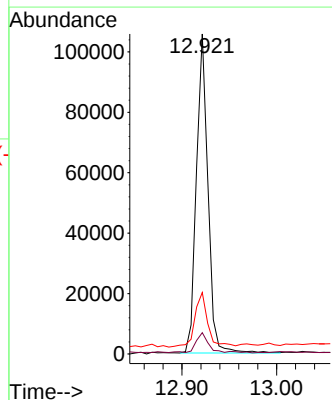
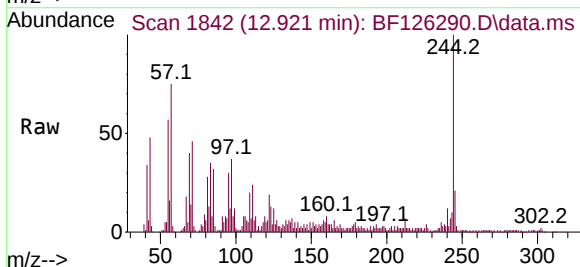
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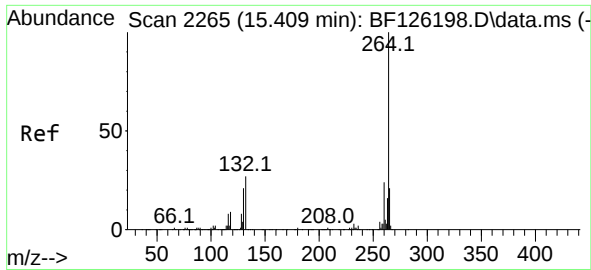
Tgt Ion:240 Resp: 274645
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 5.689 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126290.D
Acq: 20 Dec 2021 21:21

Tgt Ion:244 Resp: 89899
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 19.2 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF126290.D

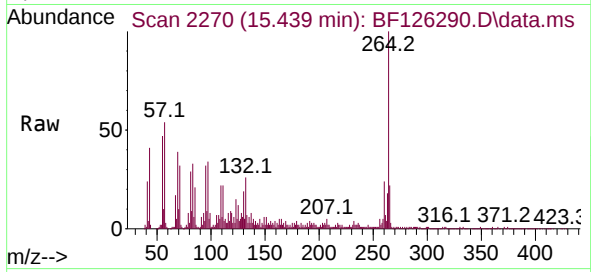
Acq: 20 Dec 2021 21:21

Instrument :

BNA_F

ClientSampleId :

BLUE-GREEN-CLAY



Tgt Ion:264 Resp: 242564

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 22.3 17.2 25.8

