

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124029.D
 Acq On : 21 May 2021 21:04
 Operator : JU/CG
 Sample : M2479-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-MATERIAL-1-17-D

Quant Time: May 22 01:40:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

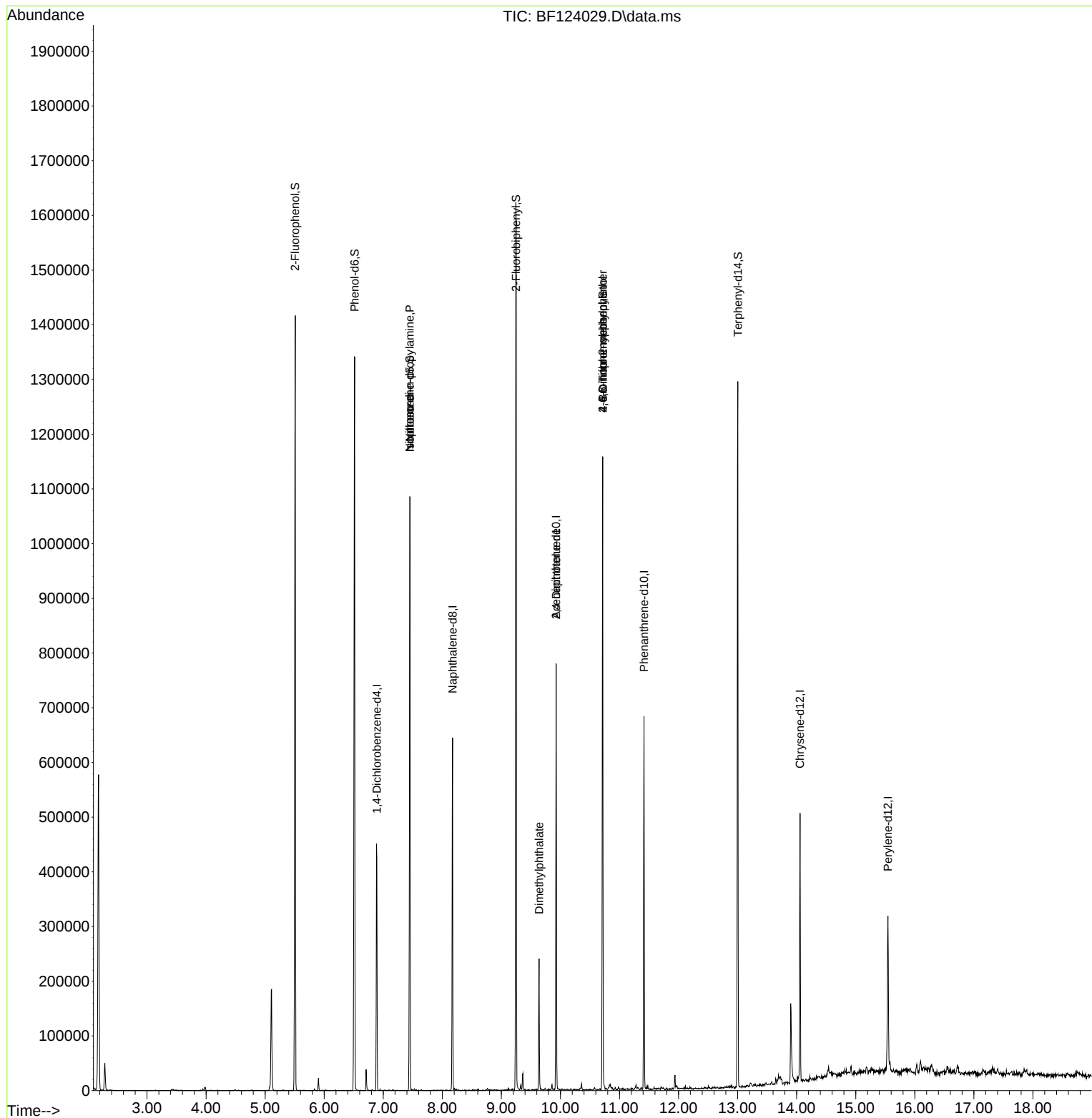
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	57221	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	225673	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	132432	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	207777	20.00	ng	-0.01
76) Chrysene-d12	14.057	240	142791	20.00	ng	-0.01
86) Perylene-d12	15.545	264	110755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	300490	73.73	ng	0.00
7) Phenol-d6	6.516	99	380195	71.91	ng	0.00
23) Nitrobenzene-d5	7.451	82	279884	53.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	108203	68.03	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	467354	43.43	ng	-0.01
79) Terphenyl-d14	13.004	244	390944	41.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	39097	10.94	ng	# 75
25) Isophorone	7.451	82	279877	27.78	ng	# 69
50) Dimethylphthalate	9.639	163	75160	7.11	ng	99
57) 2,4-Dinitrotoluene	9.927	165	16745	6.38	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.716	198	167	5.55	ng	# 52
67) 4-Bromophenyl-phenylether	10.716	248	7654	2.80	ng	# 1

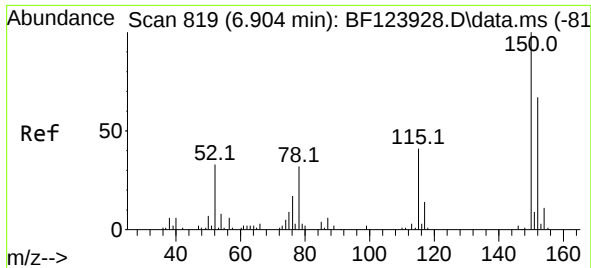
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124029.D
Acq On : 21 May 2021 21:04
Operator : JU/CG
Sample : M2479-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

Quant Time: May 22 01:40:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

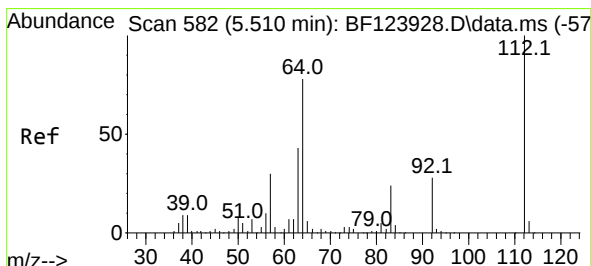
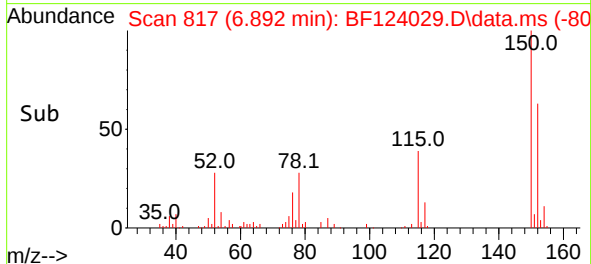
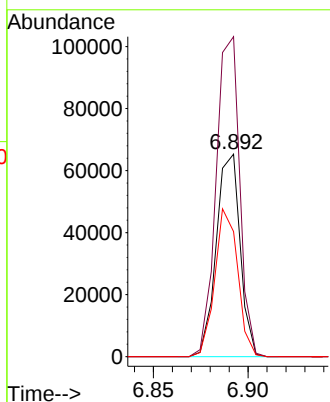
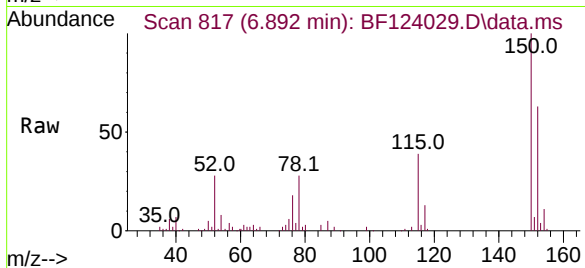




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

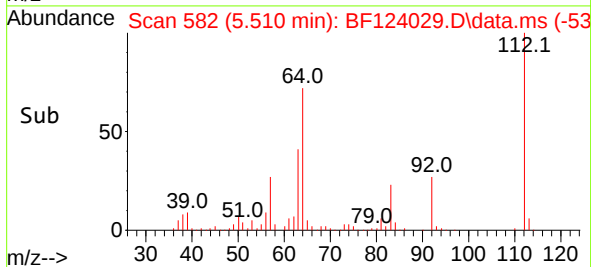
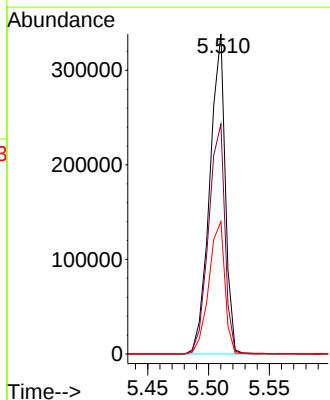
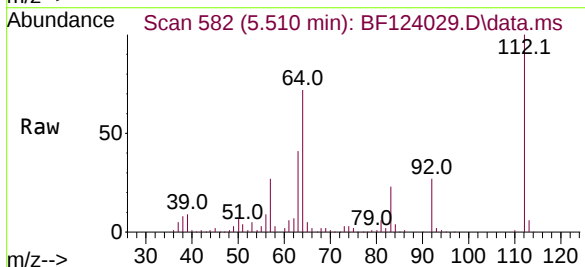
Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

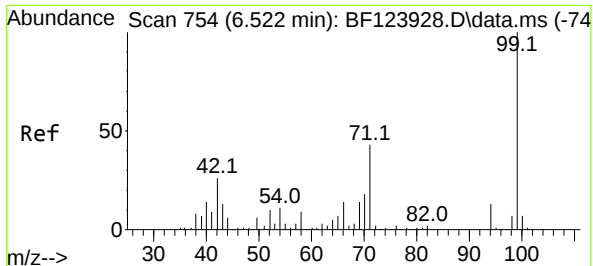
Tgt Ion:152 Resp: 57221
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 61.8 54.3 81.5



#5
2-Fluorophenol
Concen: 73.73 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Tgt Ion:112 Resp: 300490
Ion Ratio Lower Upper
112 100
64 71.9 61.4 92.0
63 41.4 33.0 49.4

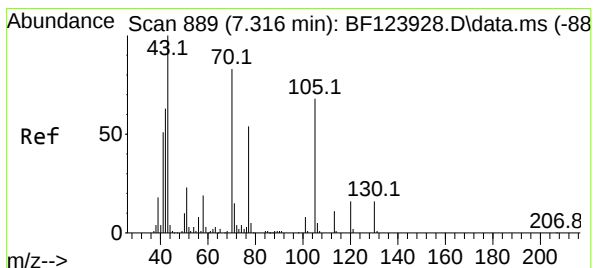
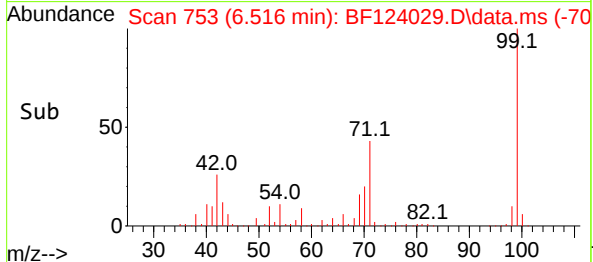
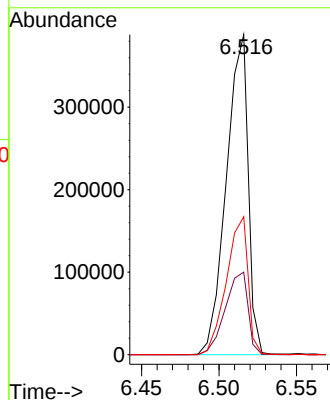
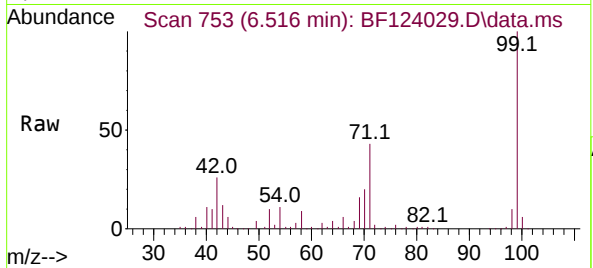




#7
Phenol-d6
Concen: 71.91 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

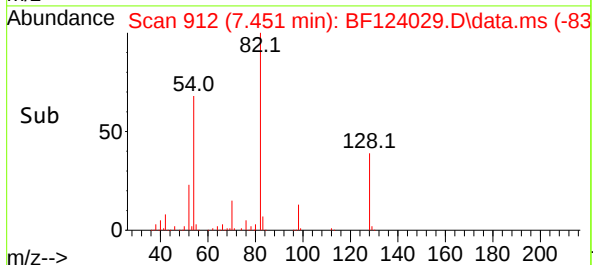
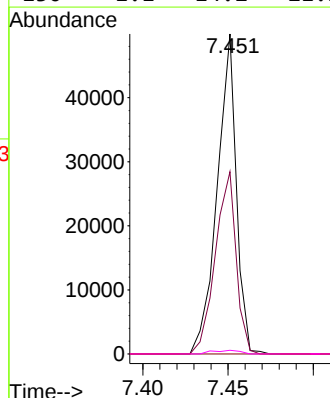
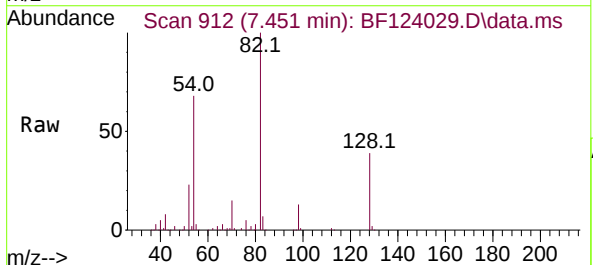
Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

Tgt Ion: 99 Resp: 380195
Ion Ratio Lower Upper
99 100
42 25.8 19.8 29.8
71 43.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.94 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

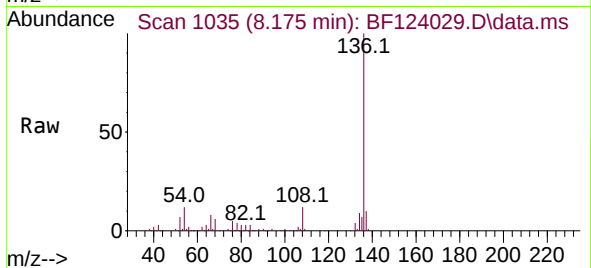
Tgt Ion: 70 Resp: 39097
Ion Ratio Lower Upper
70 100
42 57.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#



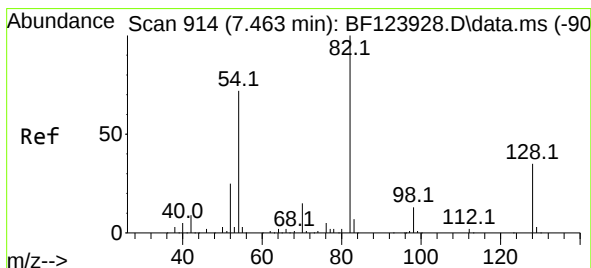
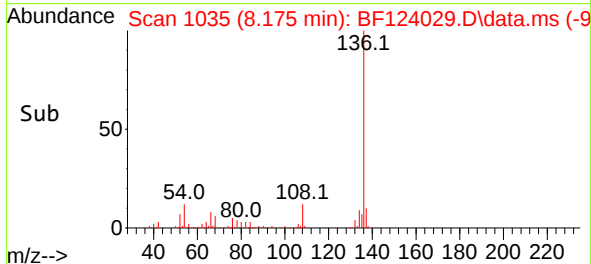
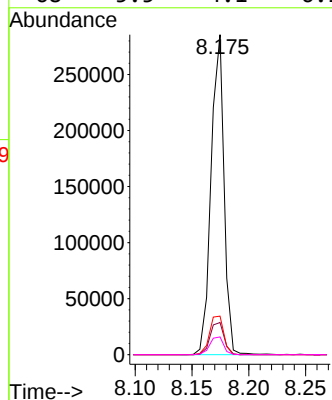


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

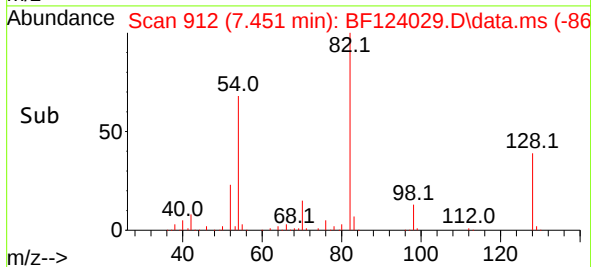
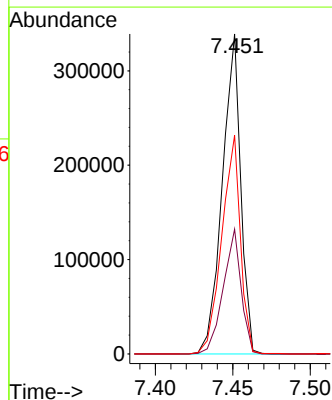
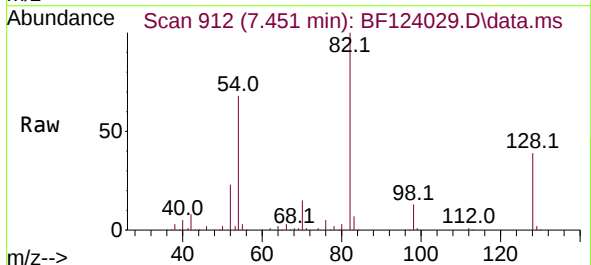


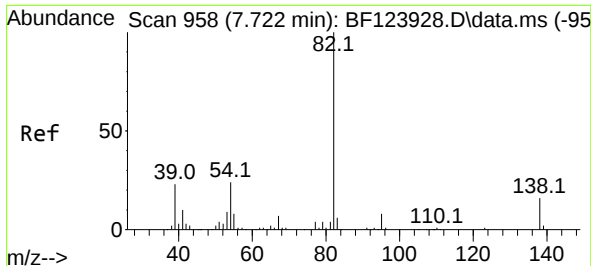
Tgt Ion:136 Resp: 225673
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 12.1 9.8 14.6
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 53.44 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Tgt Ion: 82 Resp: 279884
Ion Ratio Lower Upper
82 100
128 39.0 29.4 44.2
54 68.4 54.1 81.1

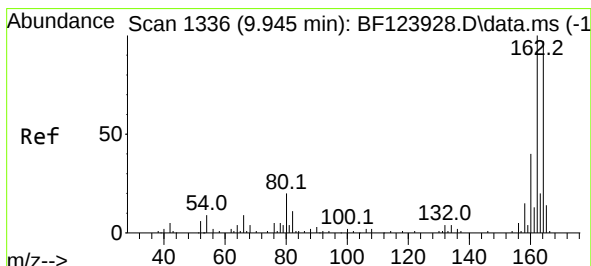
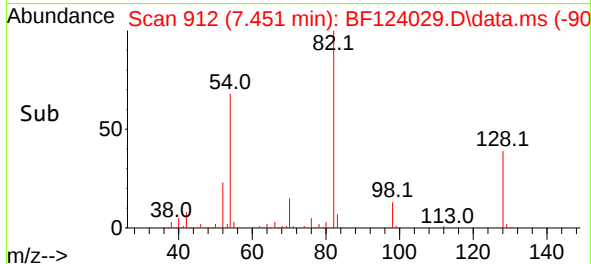
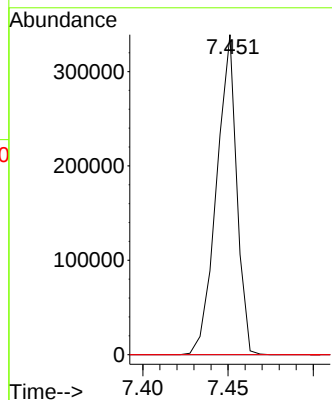
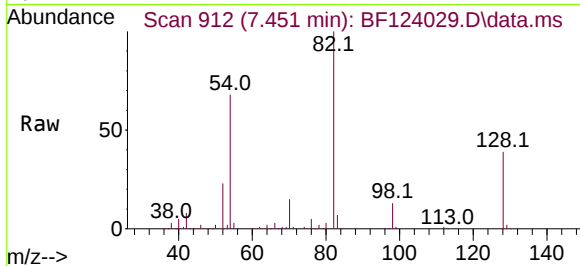




#25
Isophorone
Concen: 27.78 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

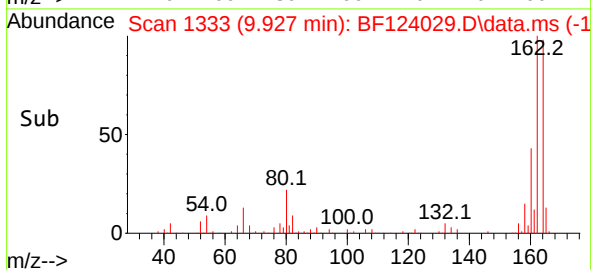
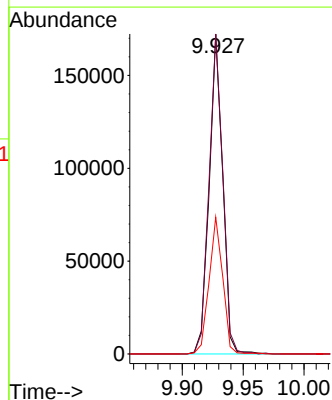
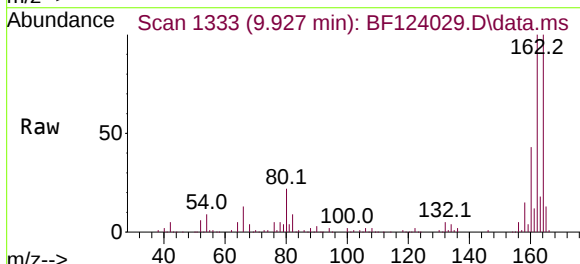
Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

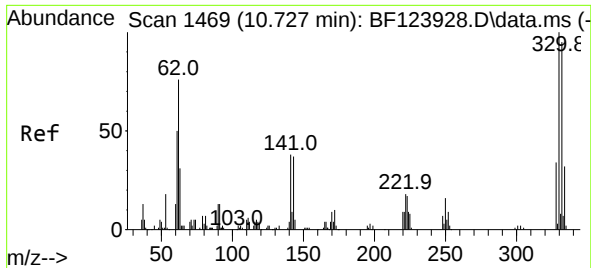
Tgt Ion: 82 Resp: 279877
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

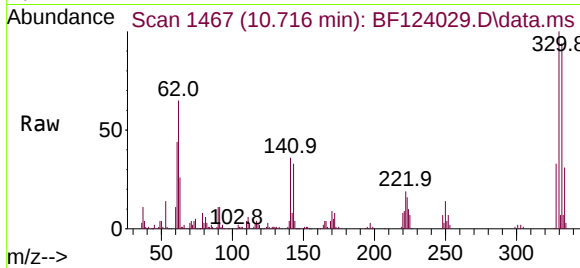
Tgt Ion: 164 Resp: 132432
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 42.8 37.3 55.9



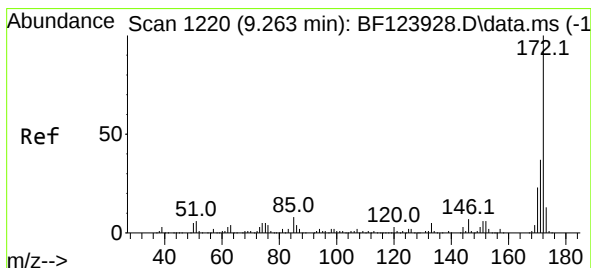
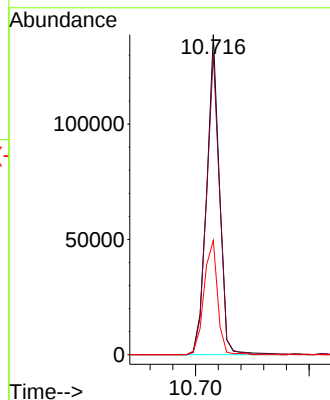
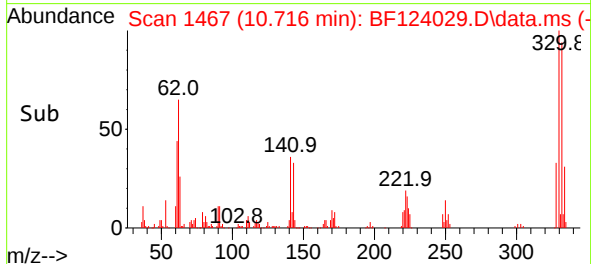


#42
2,4,6-Tribromophenol
Concen: 68.03 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

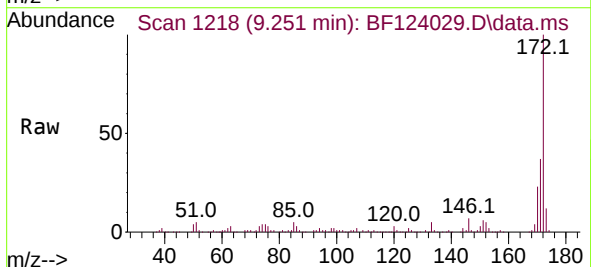
Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D



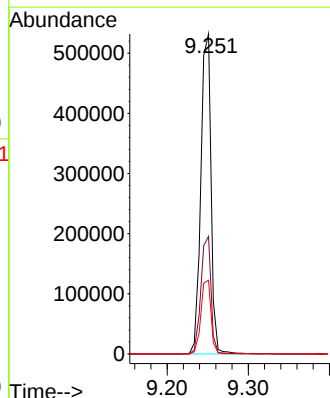
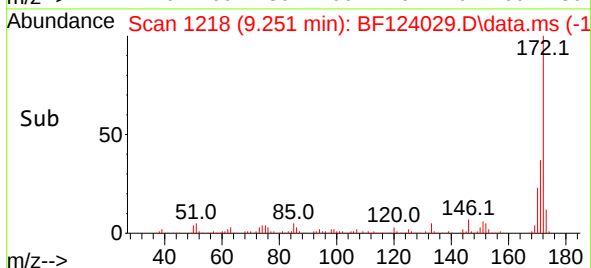
Tgt Ion: 330 Resp: 108203
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 37.8 27.9 41.9

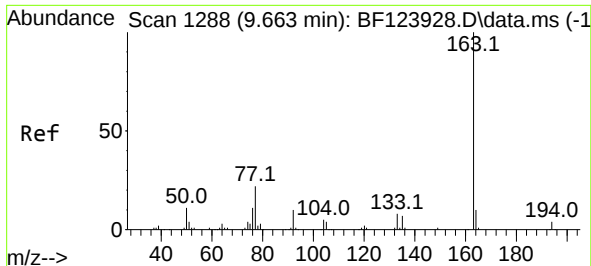


#45
2-Fluorobiphenyl
Concen: 43.43 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04



Tgt Ion: 172 Resp: 467354
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.1 19.2 28.8

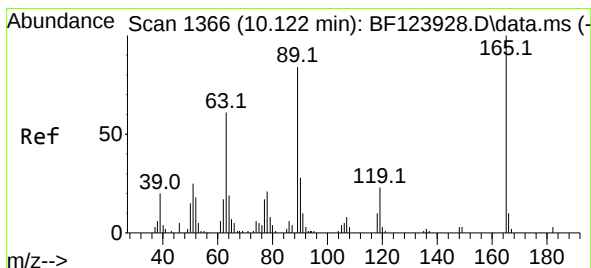
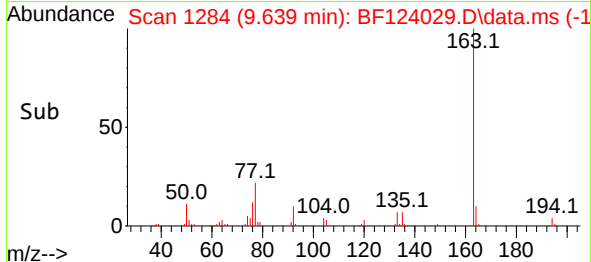
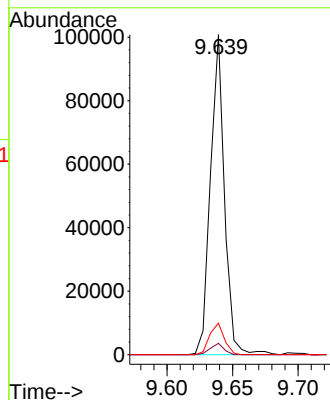
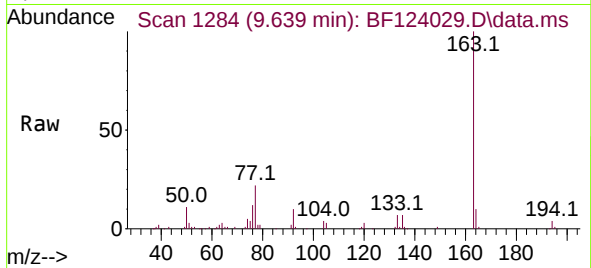




#50
Dimethylphthalate
Concen: 7.11 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

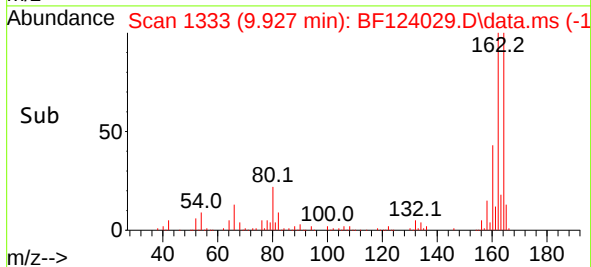
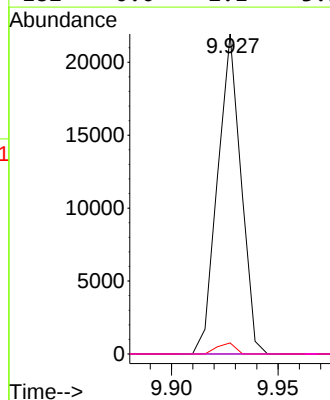
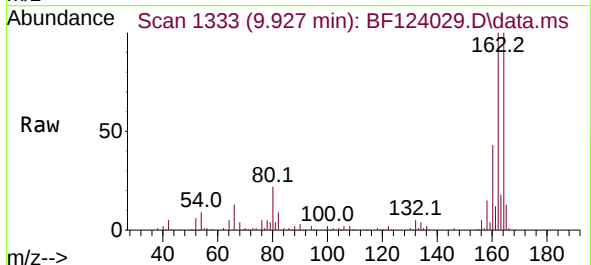
Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

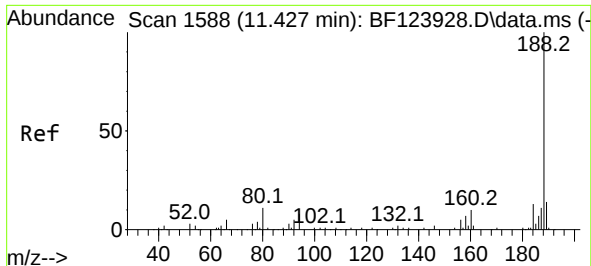
Tgt Ion:163 Resp: 75160
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.9 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Tgt Ion:165 Resp: 16745
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.5 67.7 101.5#
182 0.0 2.1 3.1#

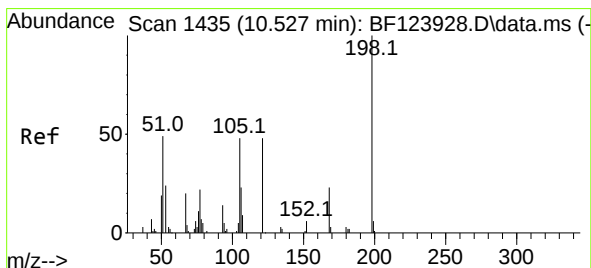
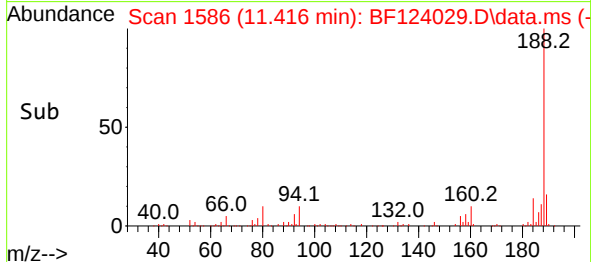
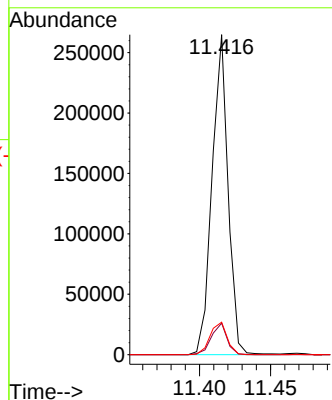
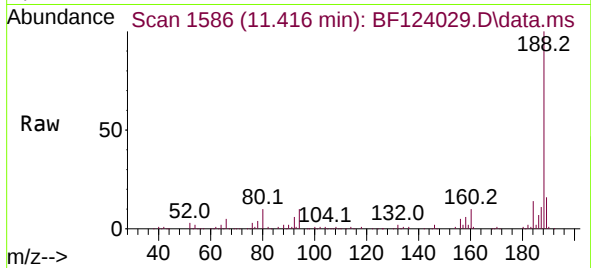




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

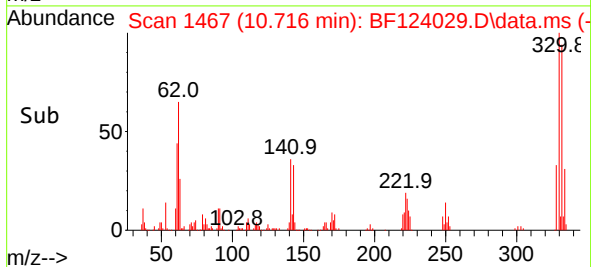
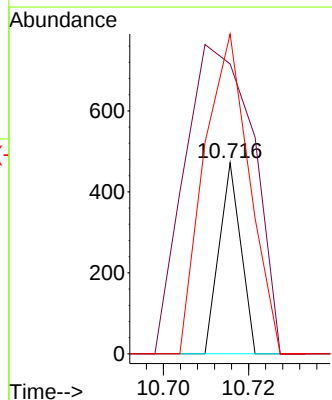
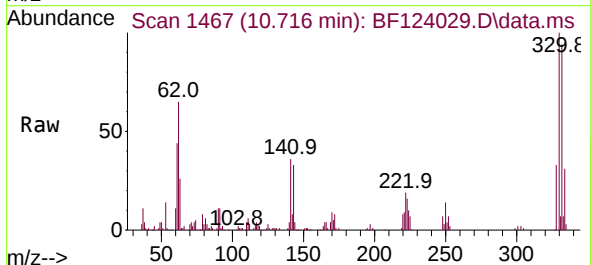
Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

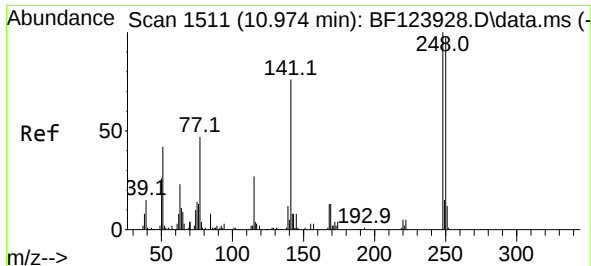
Tgt Ion:188 Resp: 207777
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 10.1 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.55 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.189 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Tgt Ion:198 Resp: 167
Ion Ratio Lower Upper
198 100
51 32.3 64.8 104.8#
105 35.6 42.6 82.6#

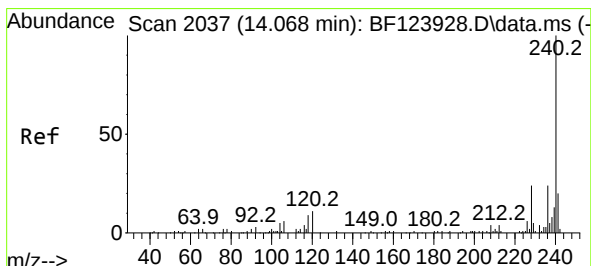
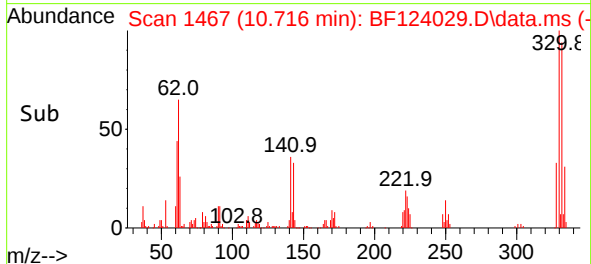
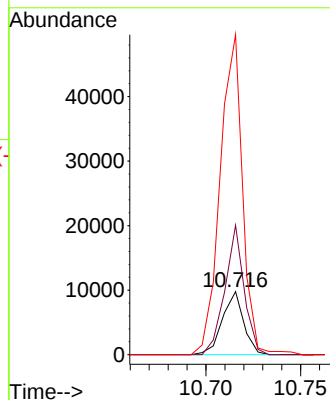
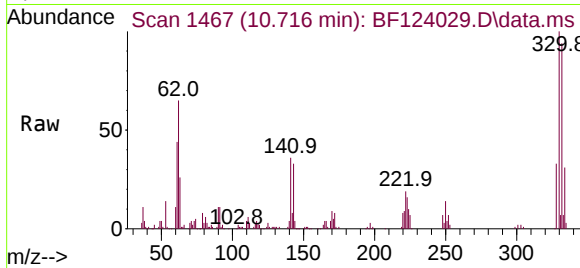




#67
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.259 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

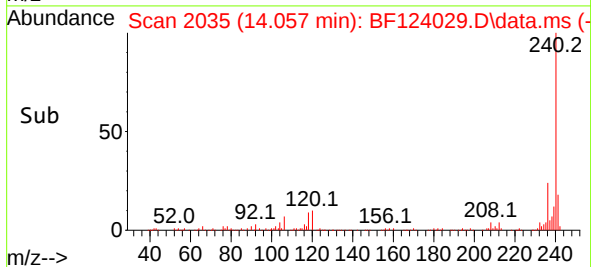
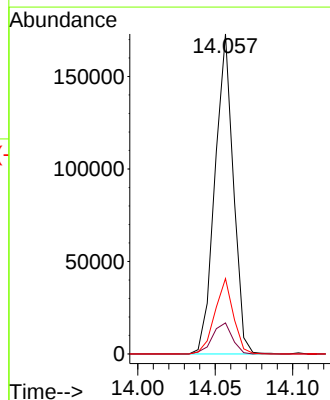
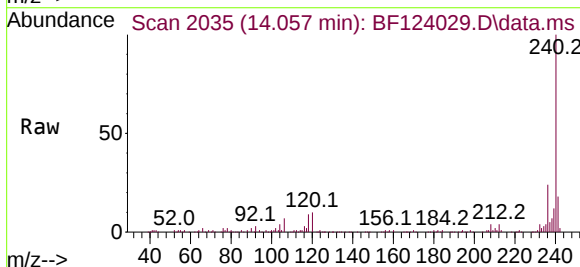
Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

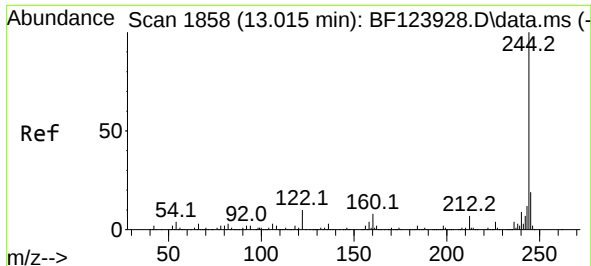
Tgt Ion:248 Resp: 7654
Ion Ratio Lower Upper
248 100
250 205.3 77.4 116.2#
141 507.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Tgt Ion:240 Resp: 142791
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 23.6 19.0 28.4

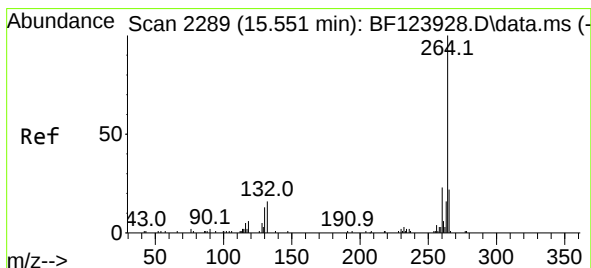
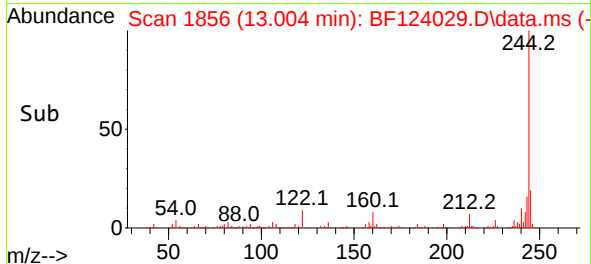
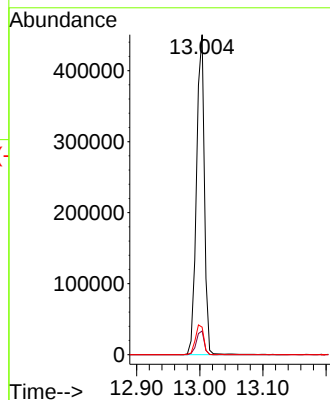
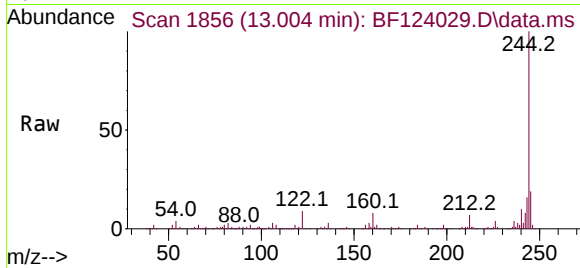




#79
Terphenyl-d14
Concen: 41.47 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Instrument :
BNA_F
ClientSampleId :
GROUND-MATERIAL-1-17-D

Tgt Ion:244 Resp: 390944
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.6 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF124029.D
Acq: 21 May 2021 21:04

Tgt Ion:264 Resp: 110755
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 24.3 17.8 26.8

