

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123358.D
 Acq On : 3 Mar 2021 16:27
 Operator : JU/CG
 Sample : M1545-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 4

Instrument :
 BNA_F
 ClientSampleId :
 MH-725

Quant Time: Mar 03 17:06:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

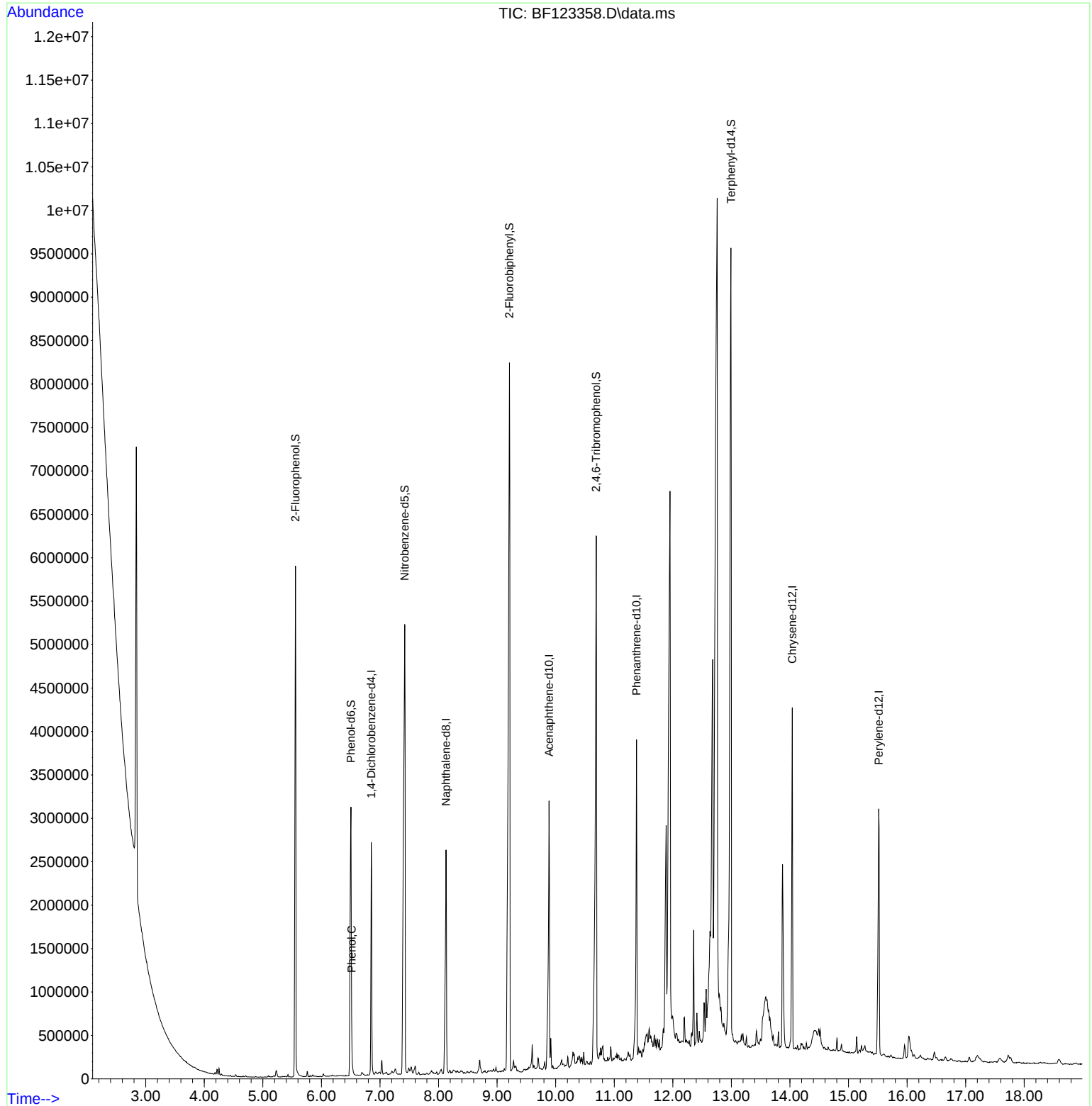
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	423740	80.00	ng	0.00
21) Naphthalene-d8	8.128	136	1723137	80.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	895296	80.00	ng	0.00
64) Phenanthrene-d10	11.380	188	1629434	80.00	ng	0.00
76) Chrysene-d12	14.039	240	1430824	80.00	ng	0.00
86) Perylene-d12	15.515	264	1420086	80.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1808126	245.68	ng	0.09
7) Phenol-d6	6.504	99	1440168	144.04	ng	0.02
23) Nitrobenzene-d5	7.422	82	3347839	355.75	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1268023	556.37	ng	0.01
45) 2-Fluorobiphenyl	9.210	172	4959619	318.29	ng	0.00
79) Terphenyl-d14	12.992	244	5228251	281.05	ng	0.02
Target Compounds						
10) Phenol	6.516	94	165136	15.15	ng	Qvalue 98
50) Dimethylphthalate	9.598	163	133636	7.98	ng	# 99
52) Acenaphthene	9.916	154	93697	6.12	ng	98

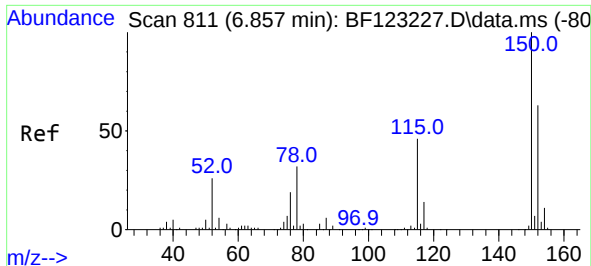
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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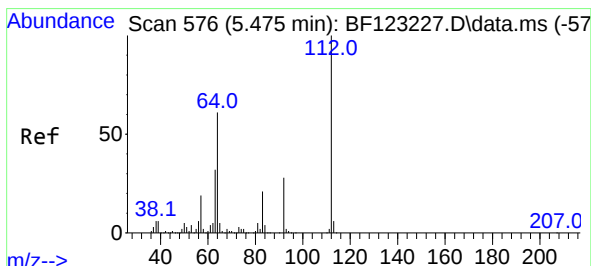
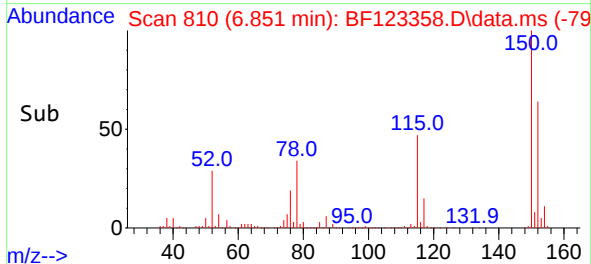
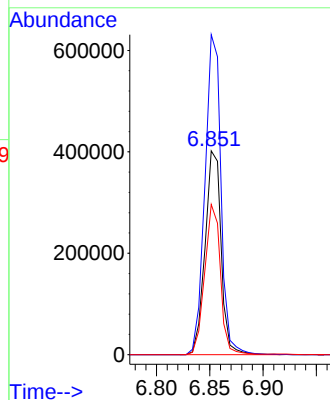
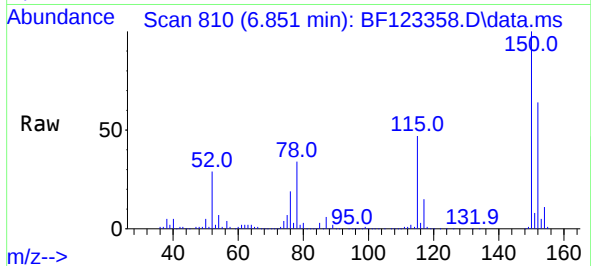




#1
1,4-Dichlorobenzene-d4
Concen: 80.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

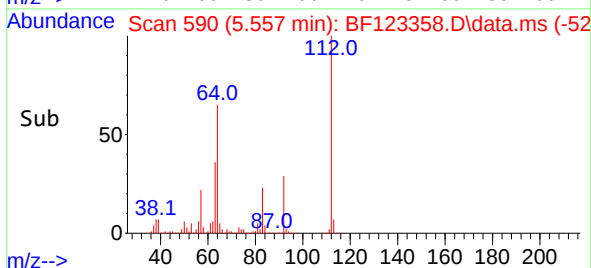
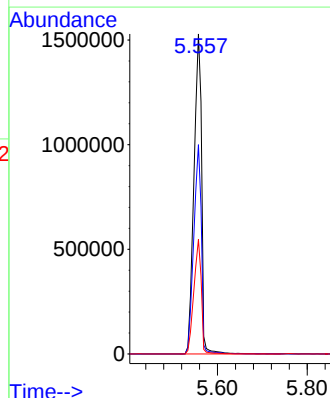
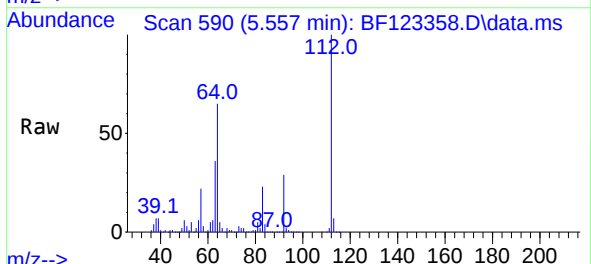
Instrument :
BNA_F
ClientSampleId :
MH-725

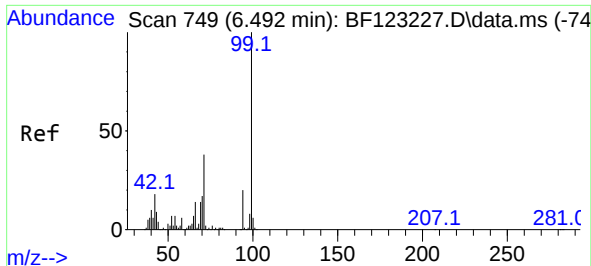
Tgt Ion:152 Resp: 423740
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 73.7 49.3 73.9



#5
2-Fluorophenol
Concen: 245.68 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.088 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:112 Resp: 1808126
Ion Ratio Lower Upper
112 100
64 65.4 46.9 70.3
63 35.8 24.5 36.7

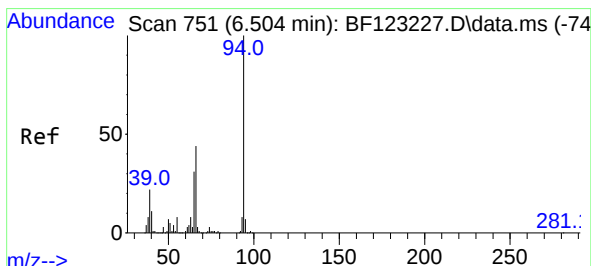
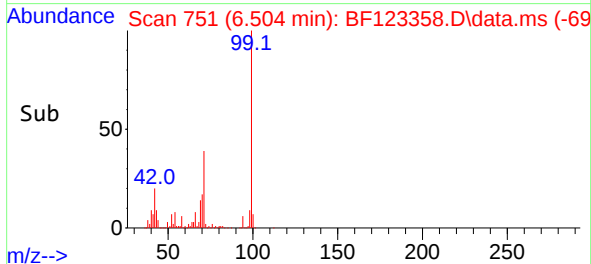
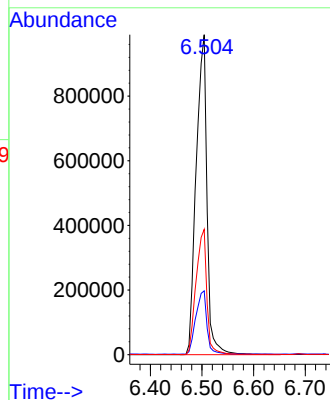
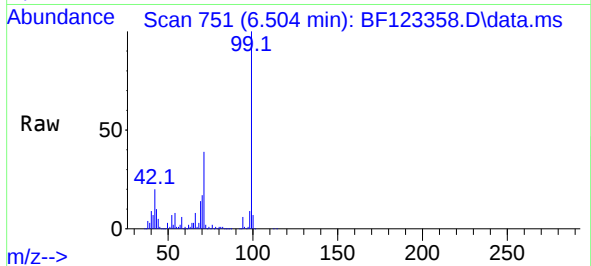




#7
Phenol-d6
Concen: 144.04 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.018 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

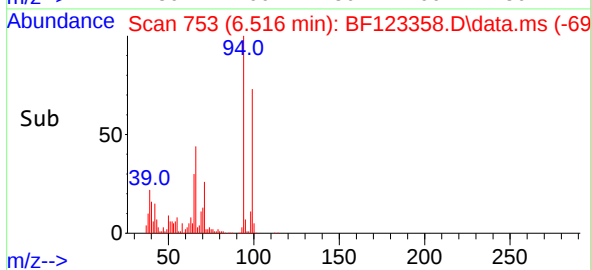
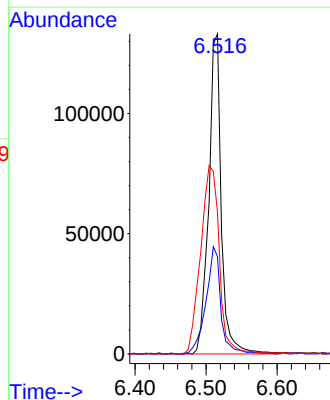
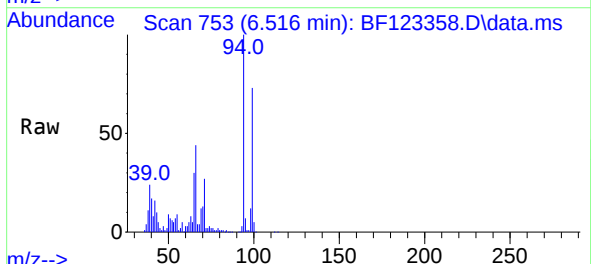
Instrument :
BNA_F
ClientSampleId :
MH-725

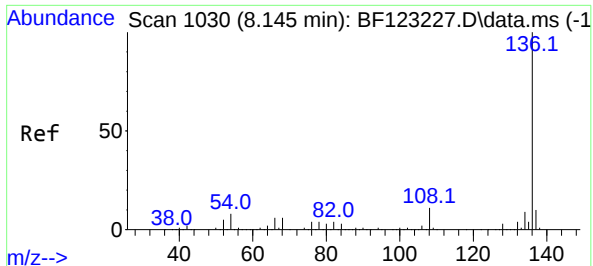
Tgt Ion: 99 Resp: 1440168
Ion Ratio Lower Upper
99 100
42 20.0 13.8 20.6
71 39.2 26.9 40.3



#10
Phenol
Concen: 15.15 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.018 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion: 94 Resp: 165136
Ion Ratio Lower Upper
94 100
65 30.4 11.2 51.2
66 44.3 25.8 65.8



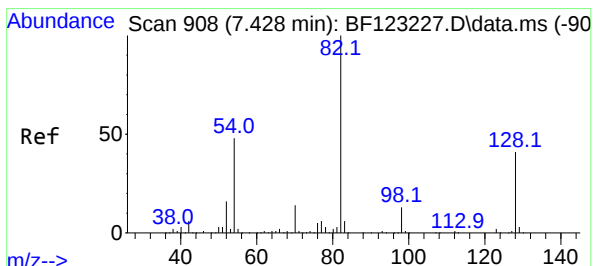
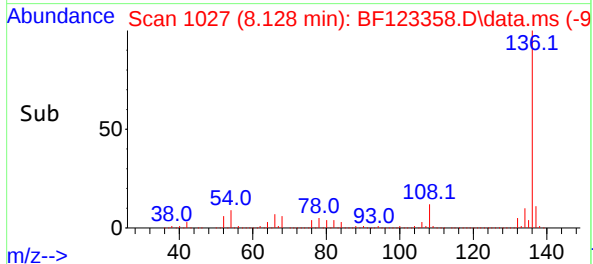
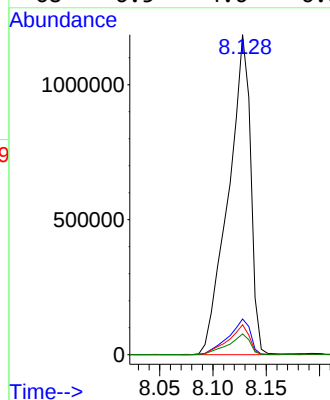
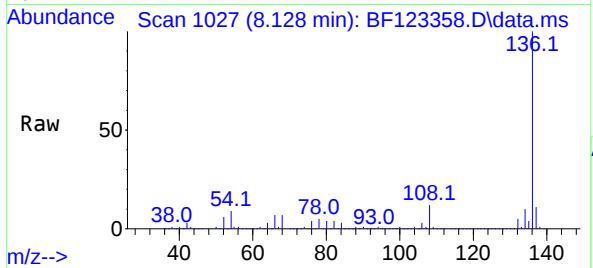


#21
Naphthalene-d8
Concen: 80.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Instrument :
BNA_F
ClientSampled :
MH-725

Tgt Ion:136 Resp: 1723137

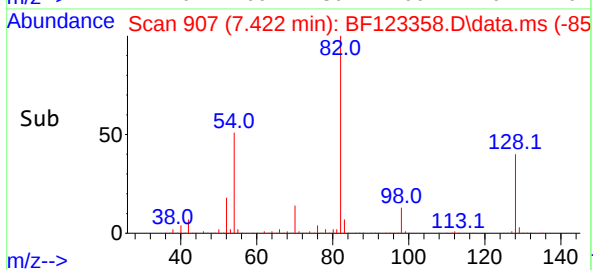
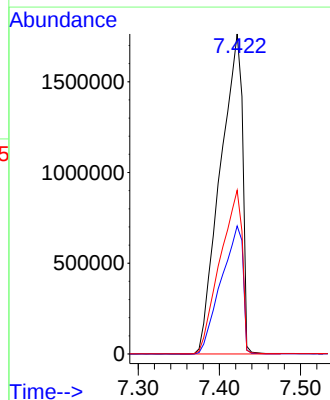
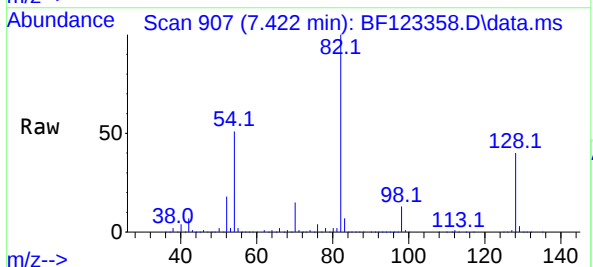
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.4	5.5	8.3#
68	6.5	4.6	6.8

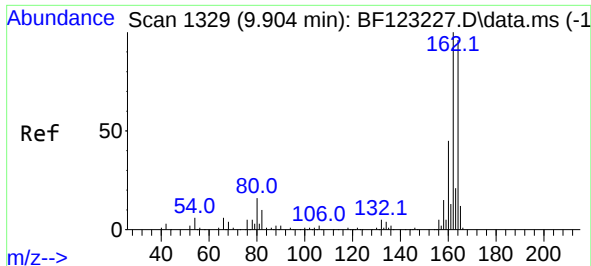


#23
Nitrobenzene-d5
Concen: 355.75 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion: 82 Resp: 3347839

Ion	Ratio	Lower	Upper
82	100		
128	40.0	37.0	55.4
54	51.1	38.4	57.6





#39

Acenaphthene-d10

Concen: 80.00 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.000 min

Lab File: BF123358.D

Acq: 3 Mar 2021 16:27

Tgt Ion:164 Resp: 895296

Ion Ratio Lower Upper

164 100

162 103.2 80.8 121.2

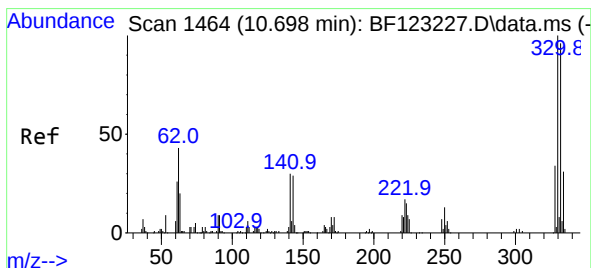
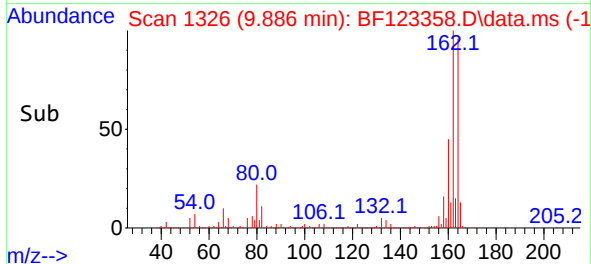
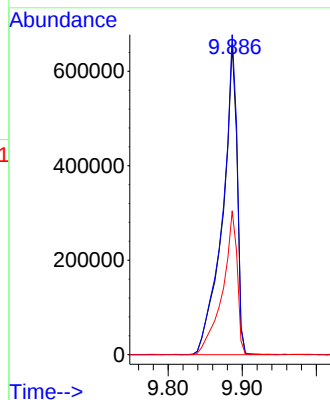
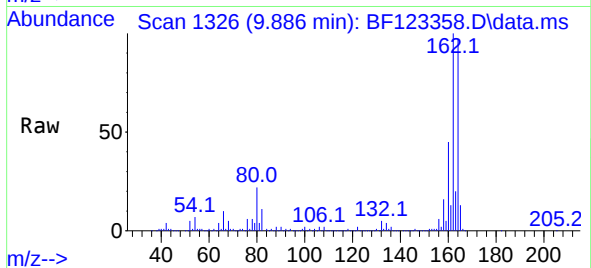
160 46.4 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

MH-725



#42

2,4,6-Tribromophenol

Concen: 556.37 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.012 min

Lab File: BF123358.D

Acq: 3 Mar 2021 16:27

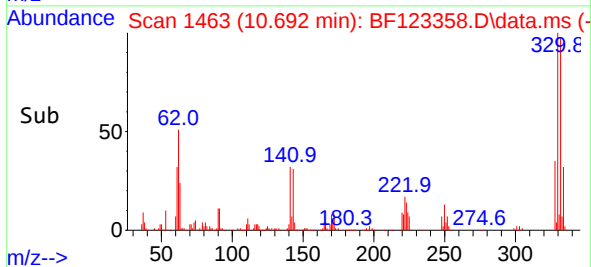
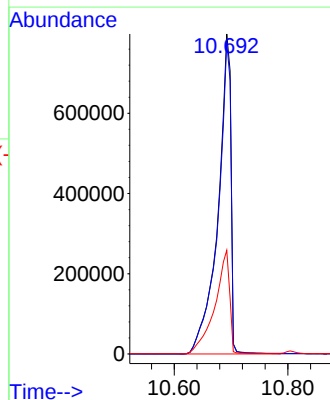
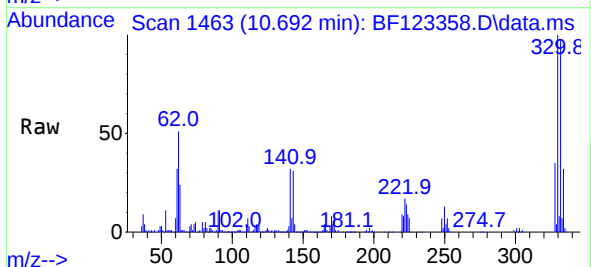
Tgt Ion:330 Resp: 1268023

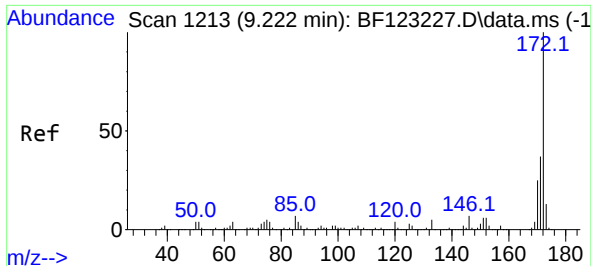
Ion Ratio Lower Upper

330 100

332 97.3 77.5 116.3

141 36.6 23.8 35.8#

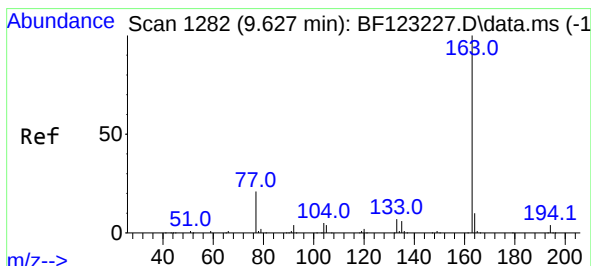
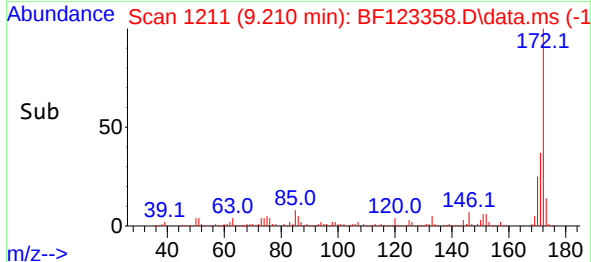
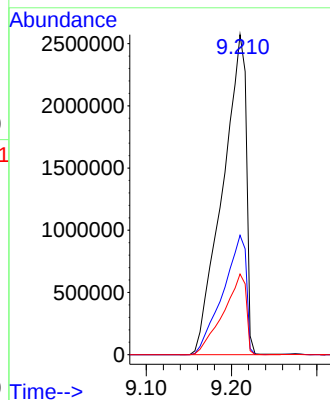
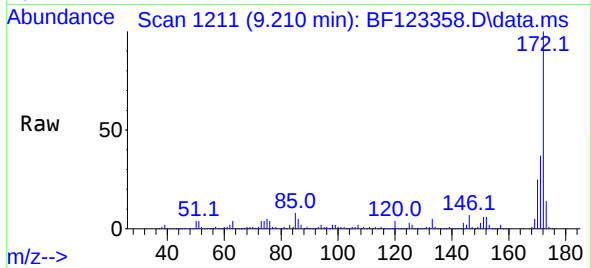




#45
2-Fluorobiphenyl
Concen: 318.29 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

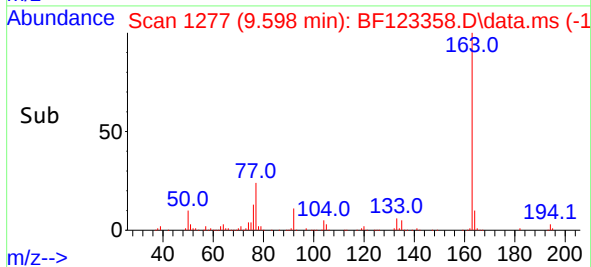
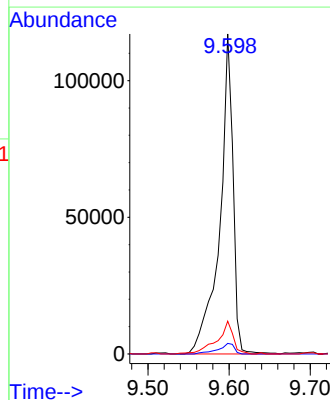
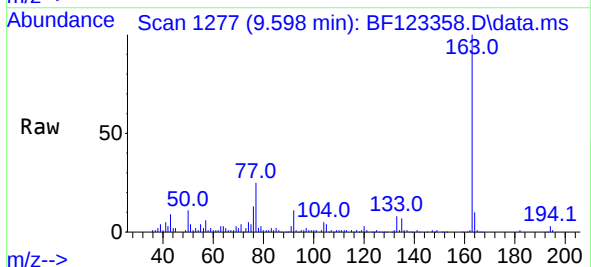
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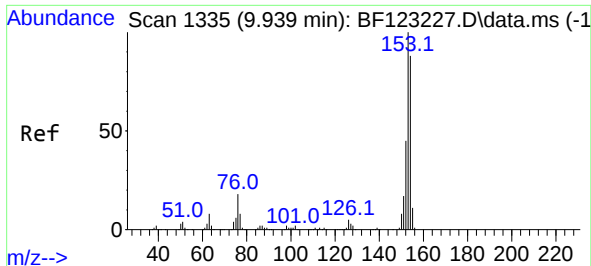
Tgt Ion:172 Resp: 4959619
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.2 19.5 29.3



#50
Dimethylphthalate
Concen: 7.98 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:163 Resp: 133636
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.0#
164 10.2 8.1 12.1

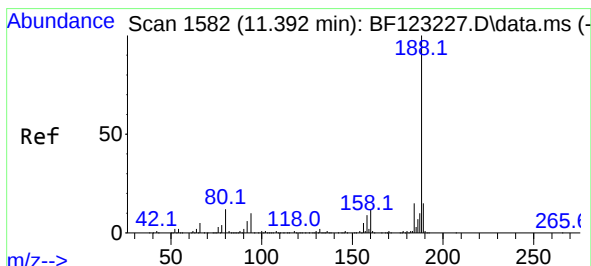
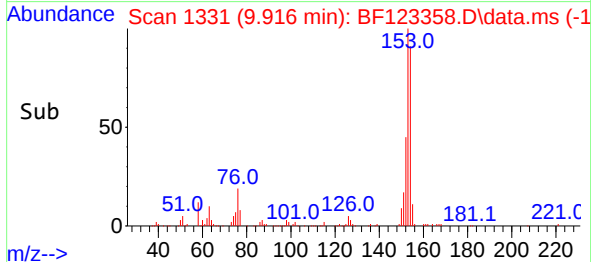
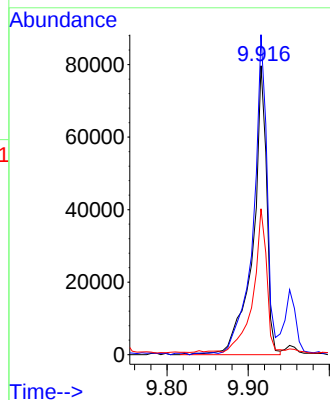
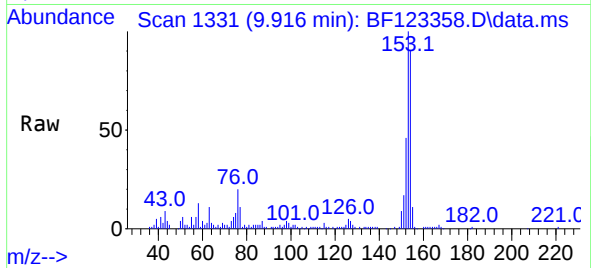




#52
Acenaphthene
Concen: 6.12 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

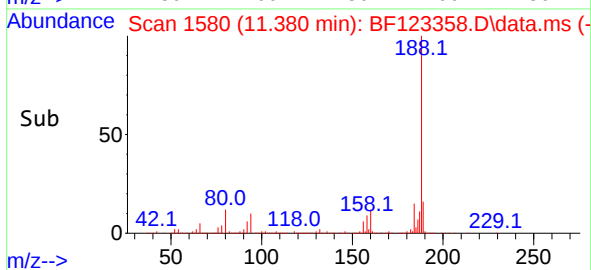
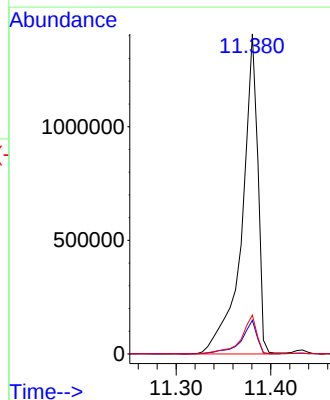
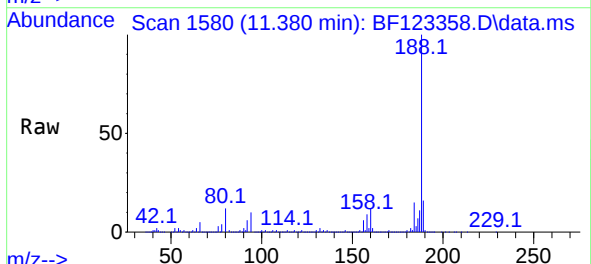
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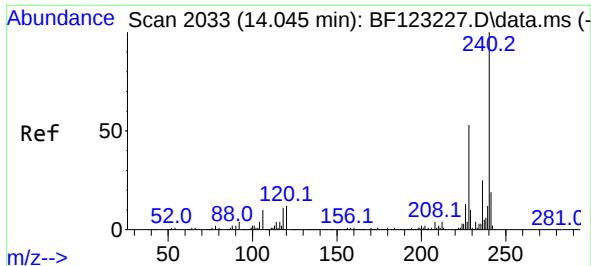
Tgt Ion:154 Resp: 93697
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.6
152 50.5 42.7 64.1



#64
Phenanthrene-d10
Concen: 80.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:188 Resp: 1629434
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 12.2 8.2 12.4

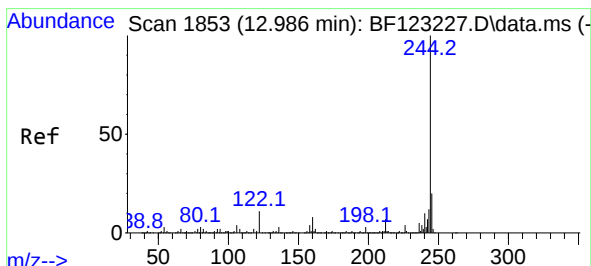
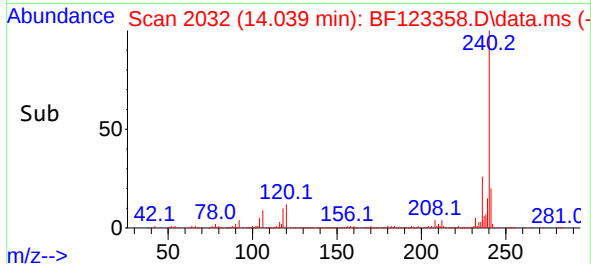
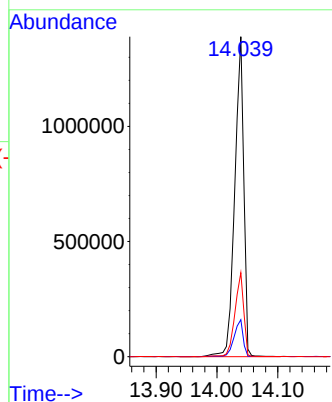
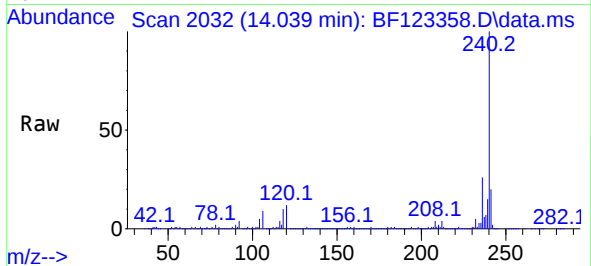




#76
Chrysene-d12
Concen: 80.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

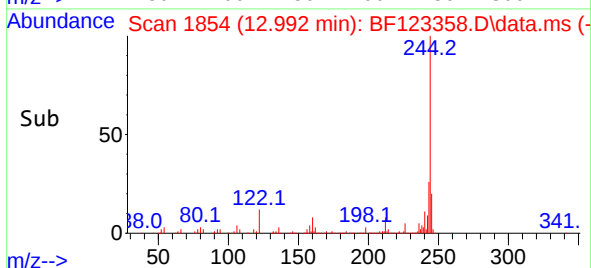
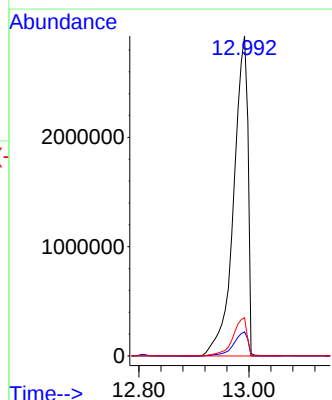
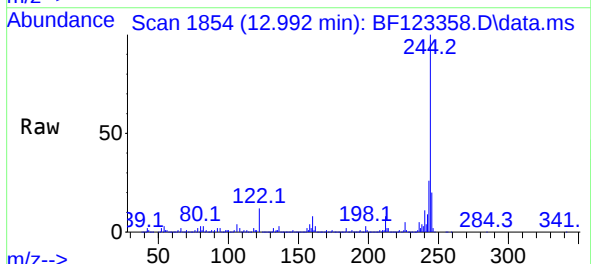
Instrument :
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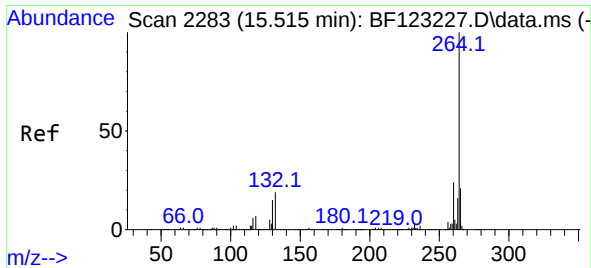
Tgt Ion:240 Resp: 1430824
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 281.05 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.024 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:244 Resp: 5228251
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.0 8.3 12.5





#86
 Perylene-d12
 Concen: 80.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.018 min
 Lab File: BF123358.D
 Acq: 3 Mar 2021 16:27

Instrument :
 BNA_F
 ClientSampleId :
 MH-725

Tgt Ion:264 Resp: 1420086
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 28.0
 265 22.0 17.0 25.6

