

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123435.D
 Acq On : 24 Mar 2021 12:40
 Operator : JU/CG
 Sample : PB135315BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135315BL

Quant Time: Mar 24 13:15:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	327790	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1279391	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	744454	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	1432139	20.00	ng	0.00
76) Chrysene-d12	14.098	240	1256626	20.00	ng	-0.01
86) Perylene-d12	15.609	264	1159771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2195571	109.58	ng	0.02
7) Phenol-d6	6.539	99	2789077	104.57	ng	0.00
23) Nitrobenzene-d5	7.475	82	1989517	83.93	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	1065323	128.00	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	3550217	68.13	ng	0.00
79) Terphenyl-d14	13.051	244	4533800	61.15	ng	0.00

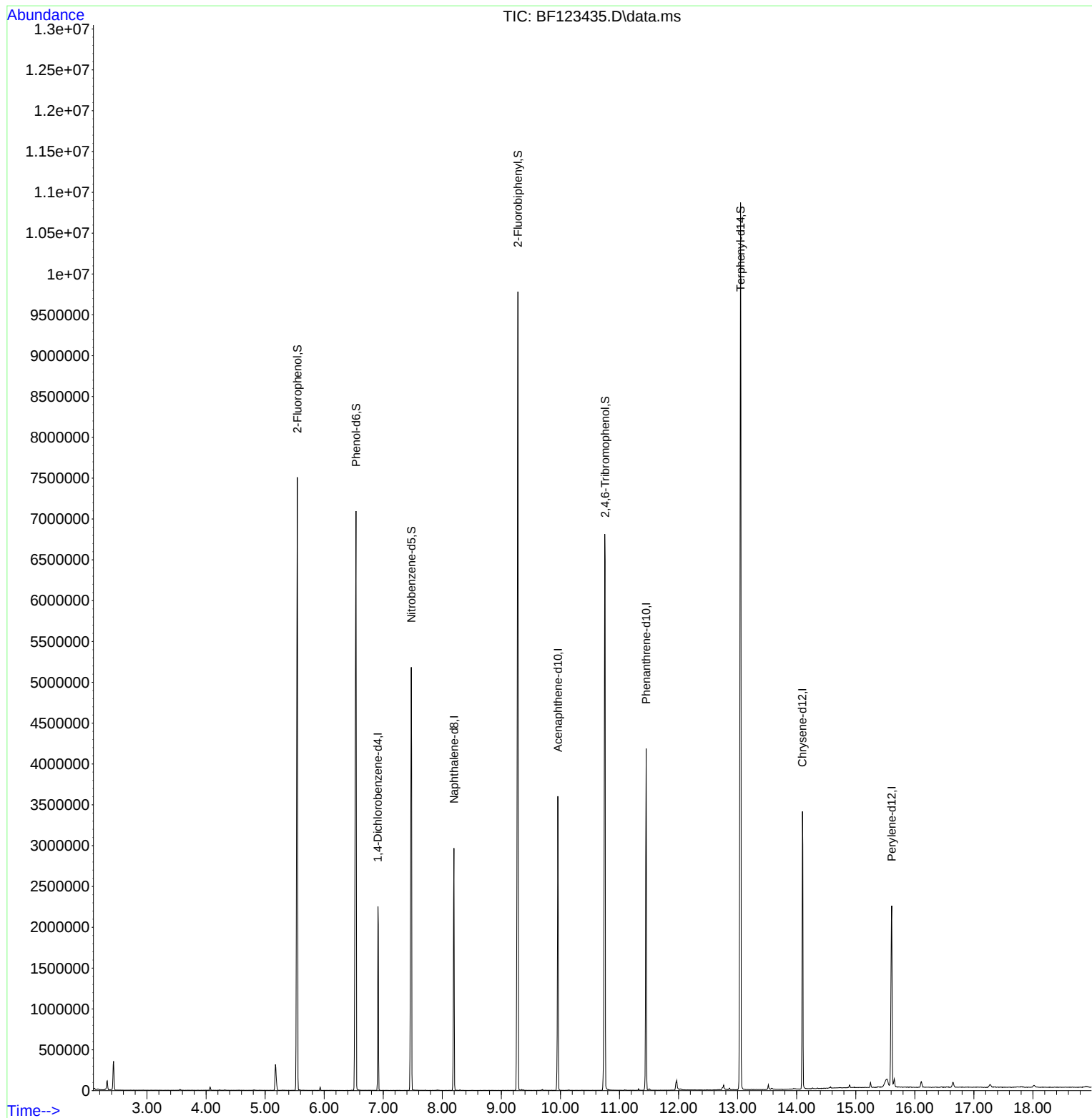
Target Compounds	Qvalue

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

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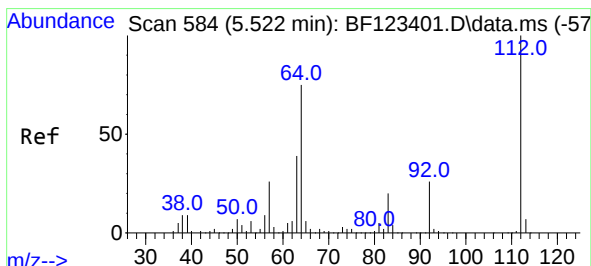
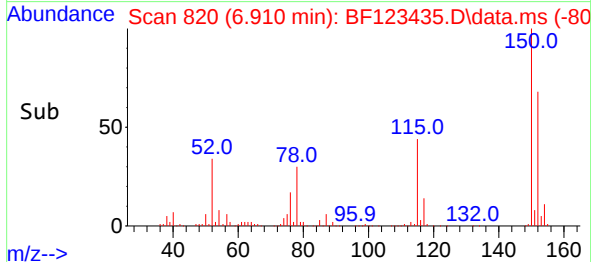
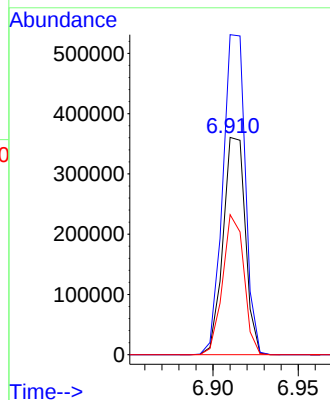
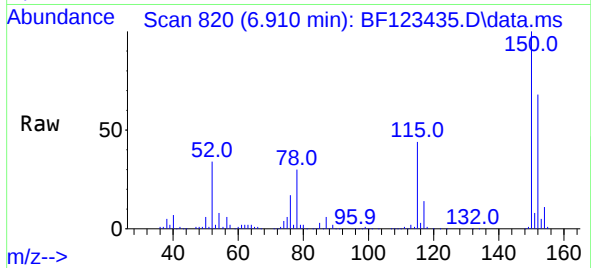




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

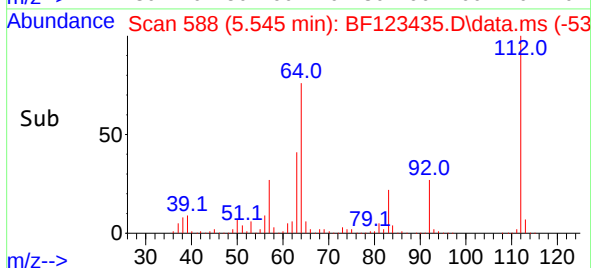
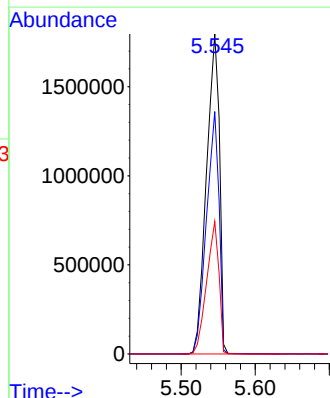
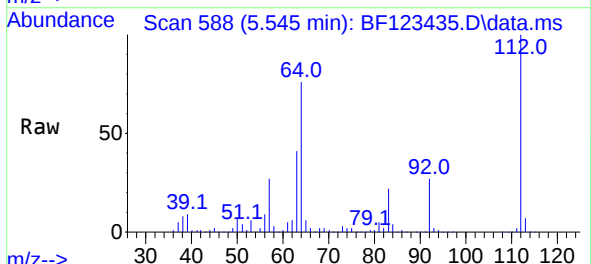
Instrument :
BNA_F
ClientSampleId :
PB135315BL

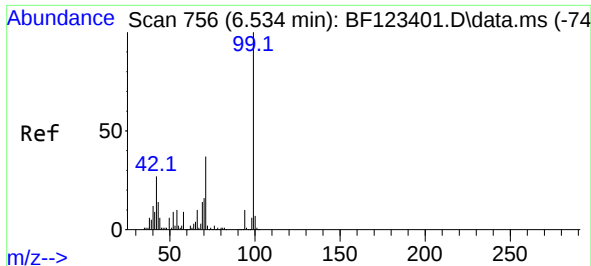
Tgt Ion:152 Resp: 327790
Ion Ratio Lower Upper
152 100
150 147.3 125.8 188.6
115 64.4 49.3 73.9



#5
2-Fluorophenol
Concen: 109.58 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.017 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Tgt Ion:112 Resp: 2195571
Ion Ratio Lower Upper
112 100
64 75.8 46.9 70.3#
63 41.4 24.5 36.7#



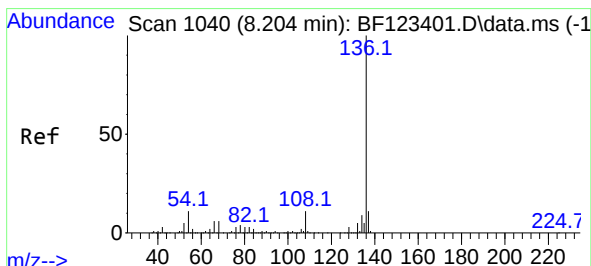
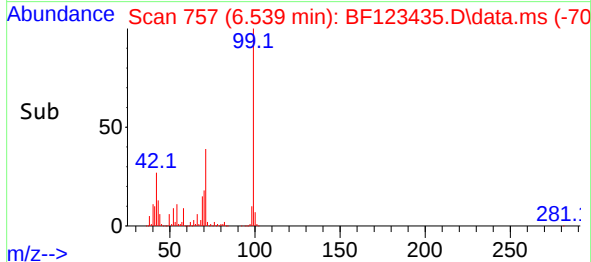
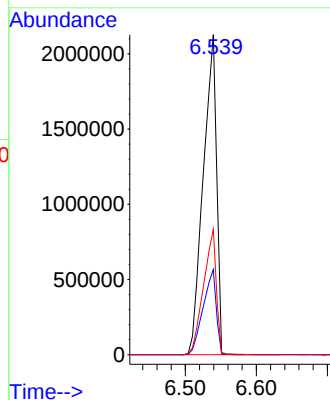
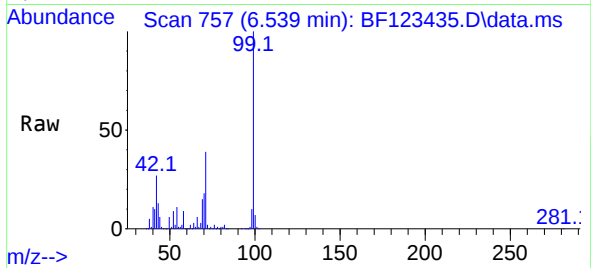


#7
Phenol-d6
Concen: 104.57 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Instrument :
BNA_F
ClientSampleId :
PB135315BL

Tgt Ion: 99 Resp: 2789077

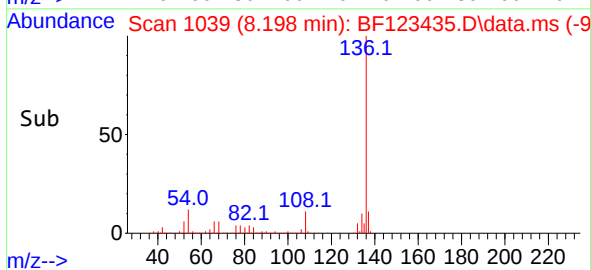
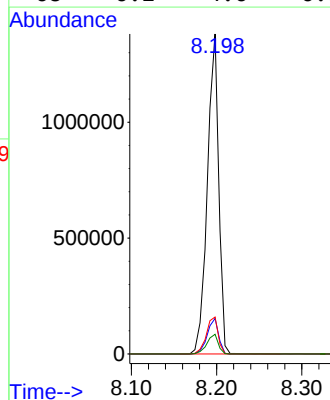
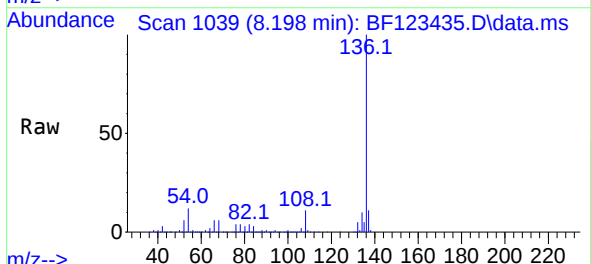
Ion	Ratio	Lower	Upper
99	100		
42	26.6	13.8	20.6#
71	39.2	26.9	40.3

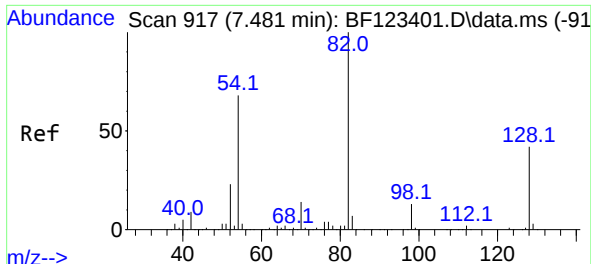


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Tgt Ion: 136 Resp: 1279391

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.5	5.5	8.3#
68	6.2	4.6	6.8

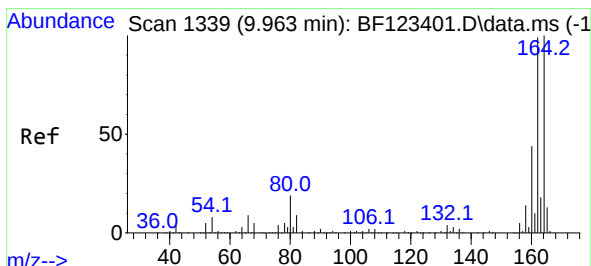
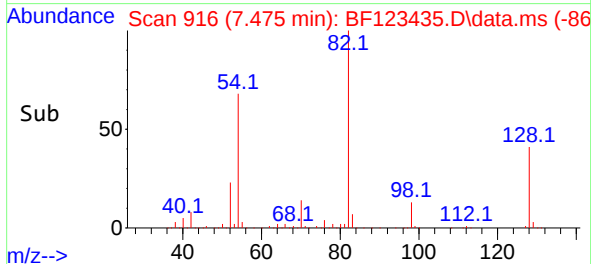
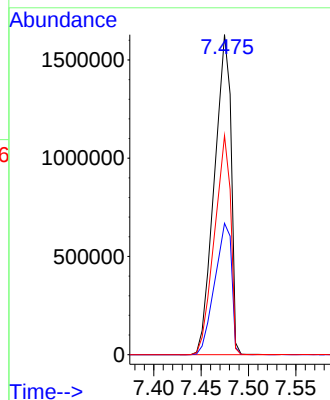
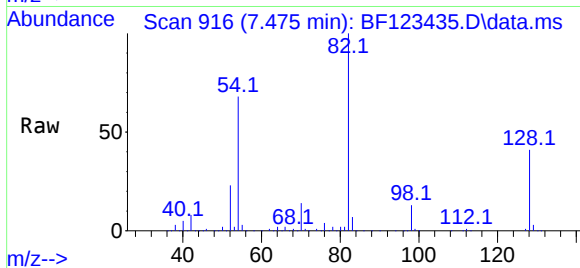




#23
Nitrobenzene-d5
Concen: 83.93 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

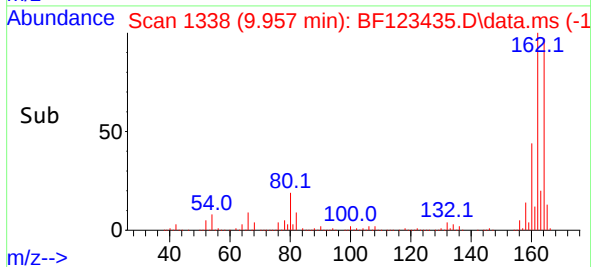
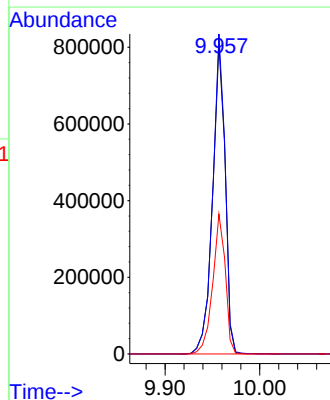
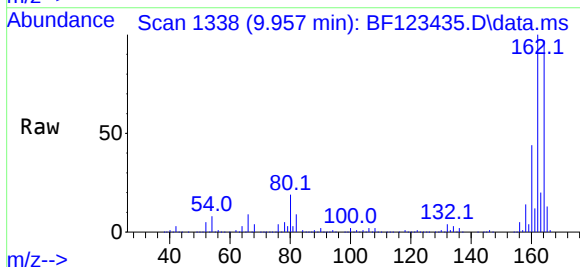
Instrument :
BNA_F
ClientSampleId :
PB135315BL

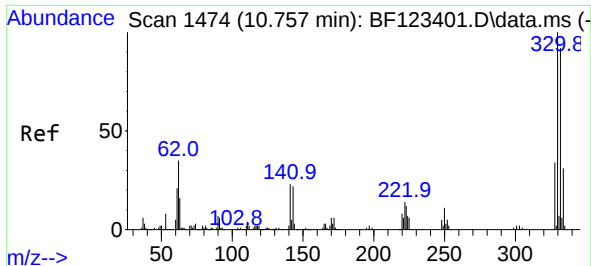
Tgt Ion: 82 Resp: 1989517
Ion Ratio Lower Upper
82 100
128 41.1 37.0 55.4
54 68.4 38.4 57.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Tgt Ion:164 Resp: 744454
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 45.2 35.4 53.0

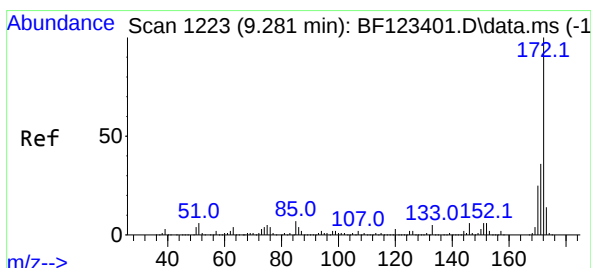
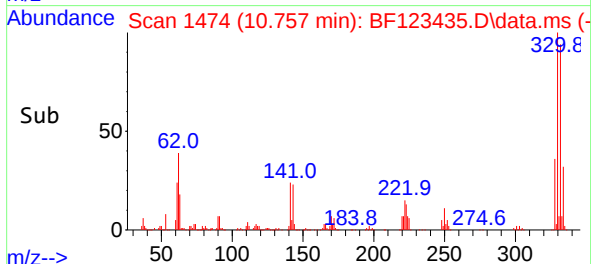
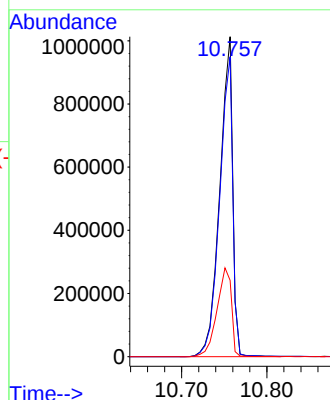
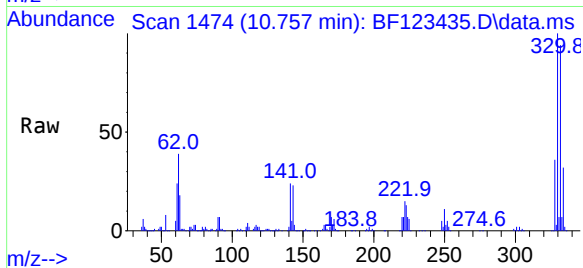




#42
2,4,6-Tribromophenol
Concen: 128.00 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

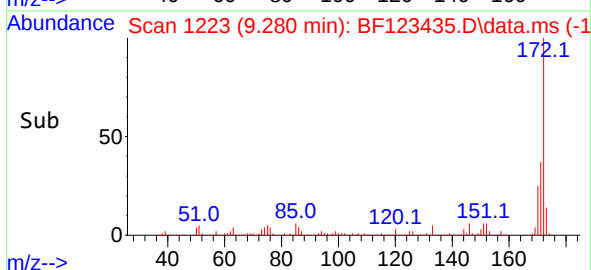
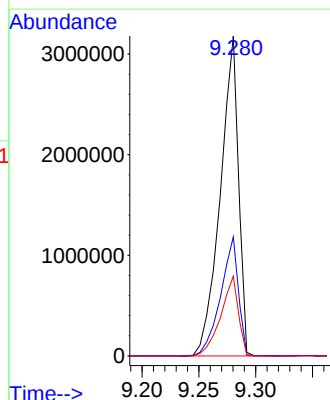
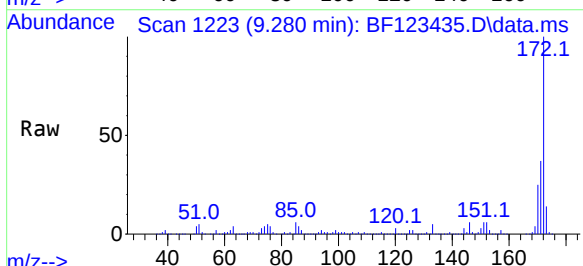
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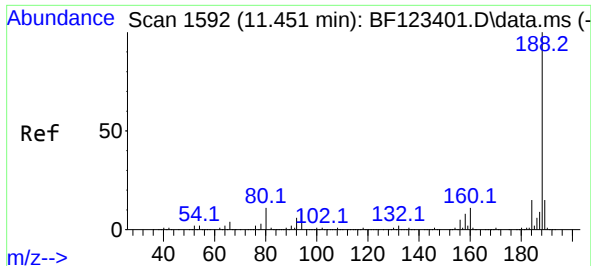
Tgt Ion: 330 Resp: 1065323
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 31.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 68.13 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

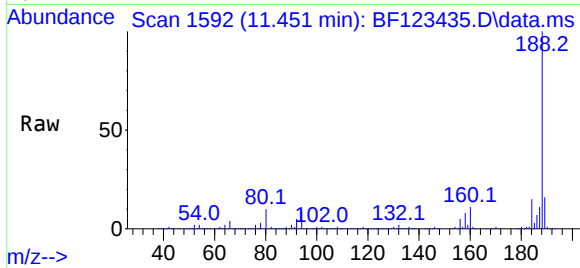
Tgt Ion: 172 Resp: 3550217
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.9 19.5 29.3



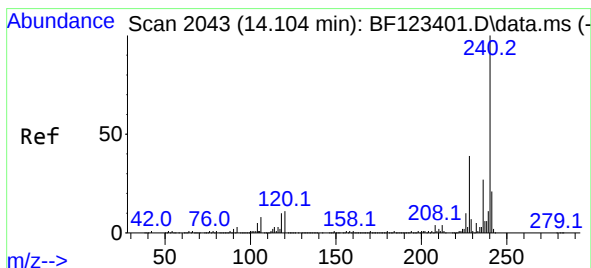
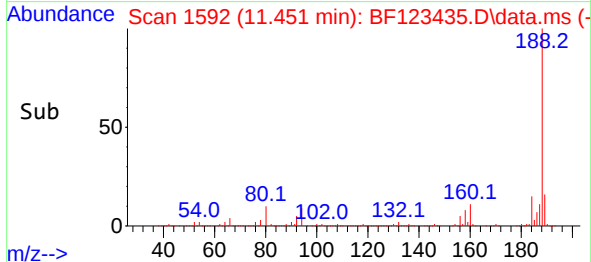
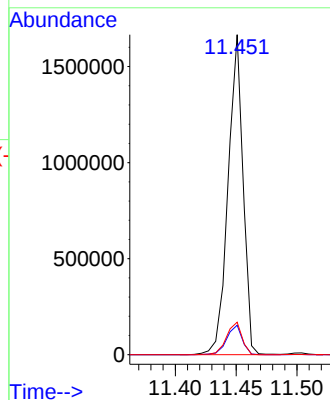


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Instrument :
BNA_F
ClientSampleId :
PB135315BL

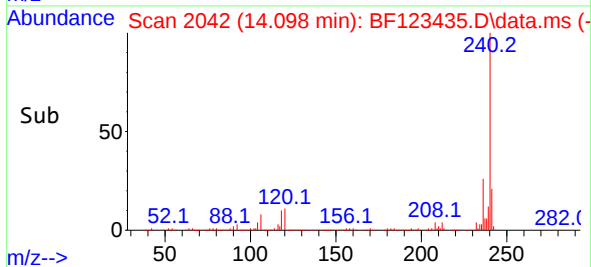
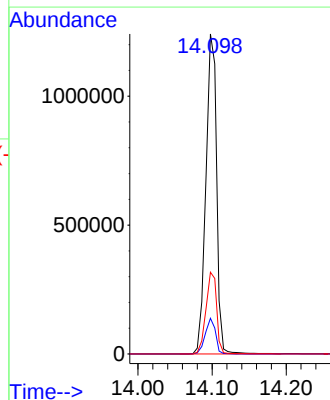
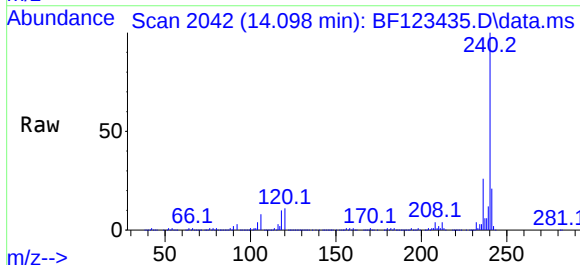


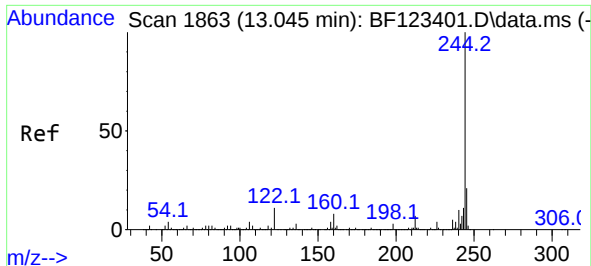
Tgt Ion:188 Resp: 1432139
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Tgt Ion:240 Resp: 1256626
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.6 20.3 30.5

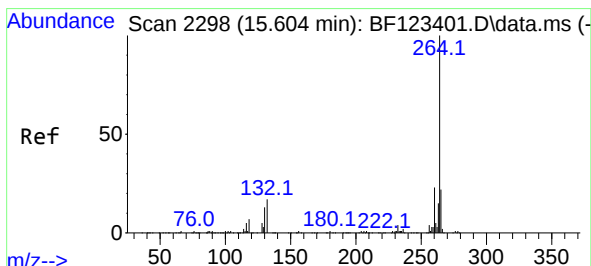
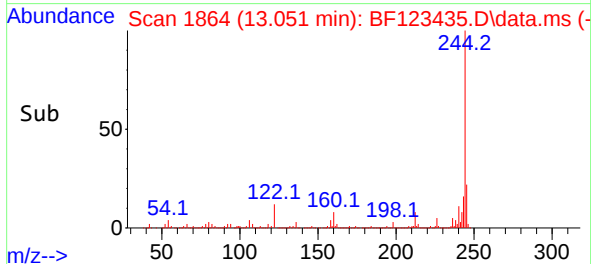
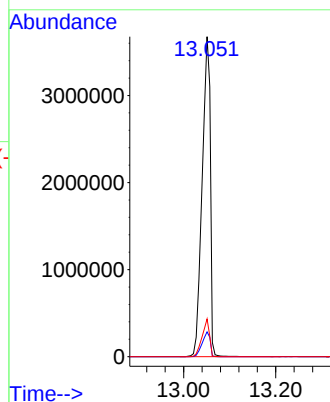
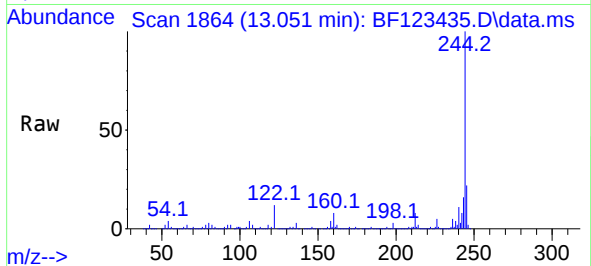




#79
Terphenyl-d14
Concen: 61.15 ng
RT: 13.051 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Instrument :
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Tgt Ion:244 Resp: 4533800
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 11.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BF123435.D
Acq: 24 Mar 2021 12:40

Tgt Ion:264 Resp: 1159771
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.5 17.0 25.6

