

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
 Data File : BF123236.D
 Acq On : 19 Feb 2021 20:40
 Operator : JU/CG
 Sample : M1434-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-SOIL-PILE

Quant Time: Feb 19 23:09:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

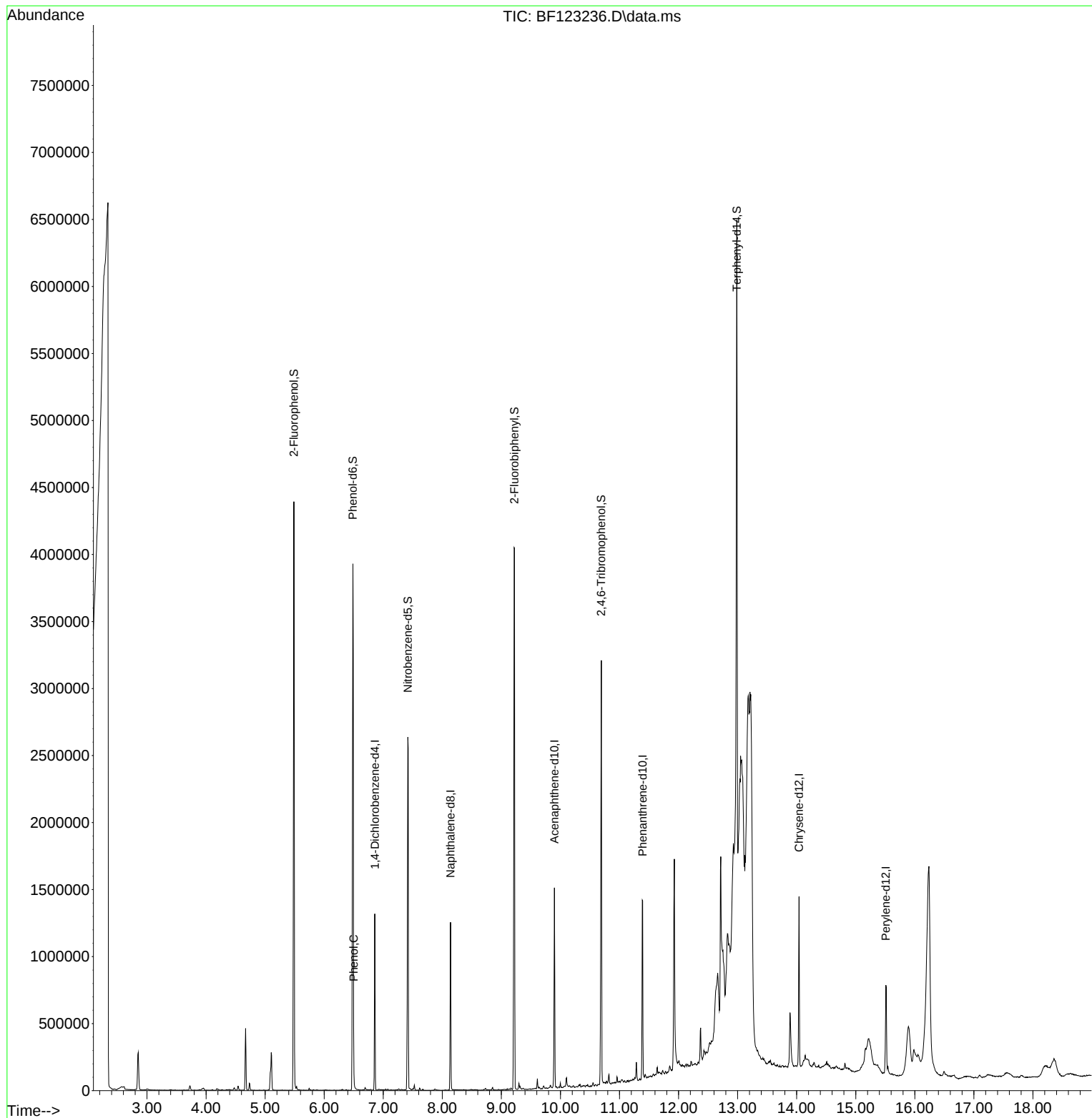
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	156898	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	509001	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	266238	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	502951	20.00	ng	0.00
76) Chrysene-d12	14.039	240	371018	20.00	ng	0.00
86) Perylene-d12	15.509	264	294552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1159500	106.37	ng	0.01
7) Phenol-d6	6.486	99	1472926	99.46	ng	0.00
23) Nitrobenzene-d5	7.416	82	976932	87.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	343926	126.86	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1387465	74.86	ng	0.00
79) Terphenyl-d14	12.986	244	1529929	79.29	ng	0.00
Target Compounds						
10) Phenol	6.498	94	36364	2.25	ng	Qvalue 97

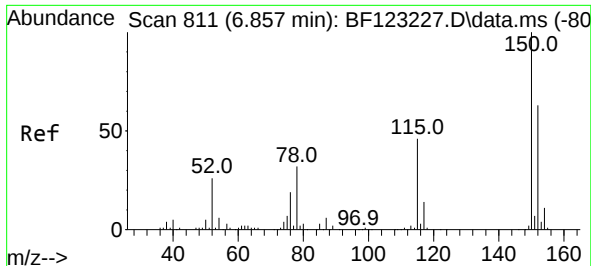
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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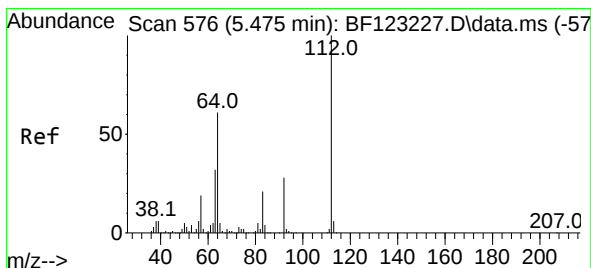
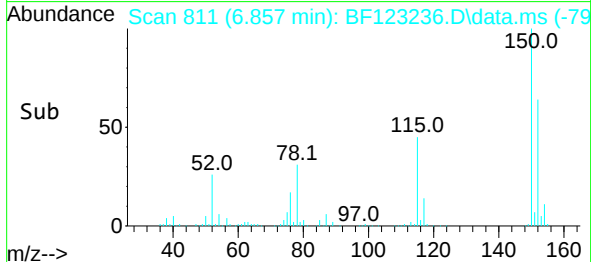
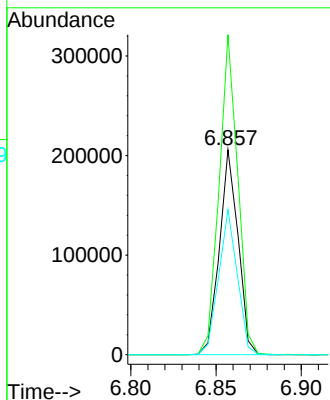
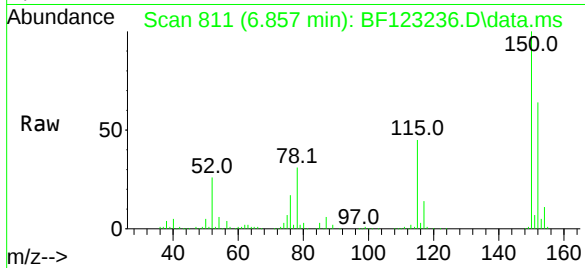




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

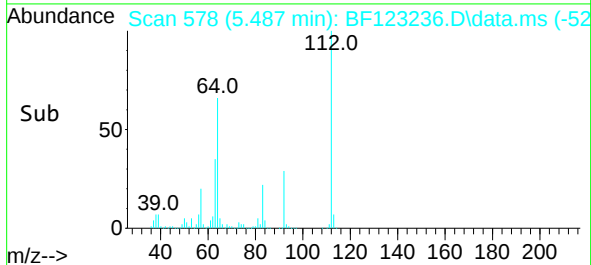
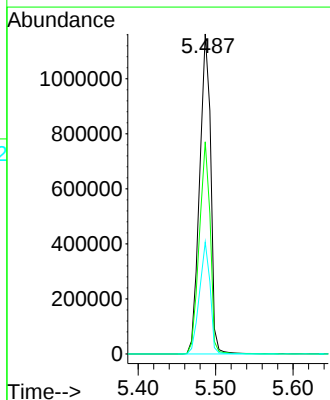
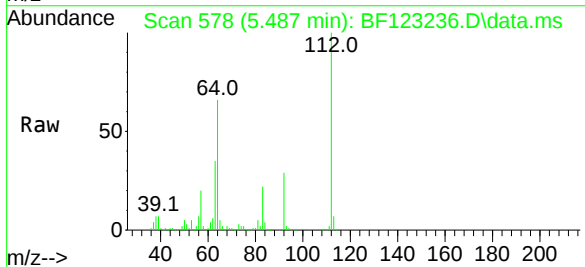
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILE

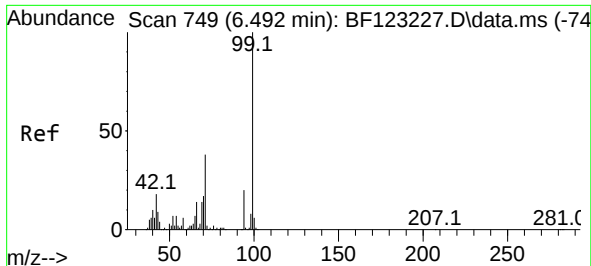
Tgt Ion:152 Resp: 156898
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 70.8 49.3 73.9



#5
2-Fluorophenol
Concen: 106.37 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

Tgt Ion:112 Resp: 1159500
Ion Ratio Lower Upper
112 100
64 66.3 46.9 70.3
63 35.0 24.5 36.7

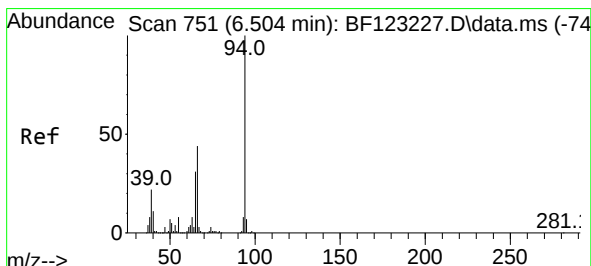
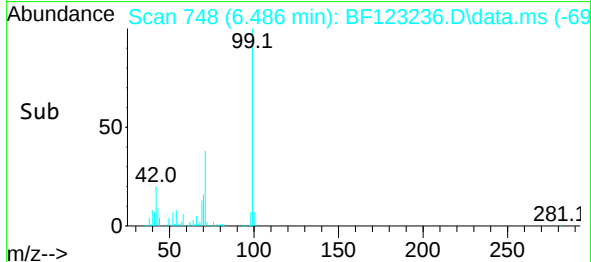
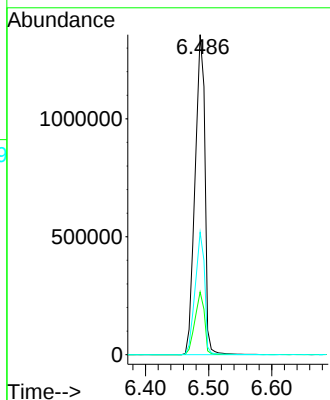
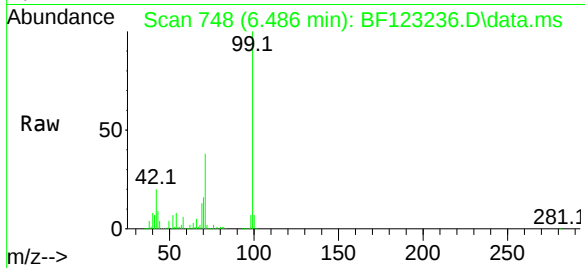




#7
Phenol-d6
Concen: 99.46 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

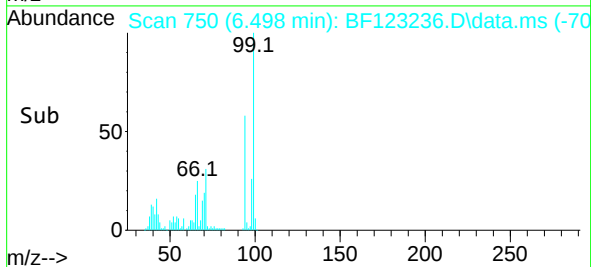
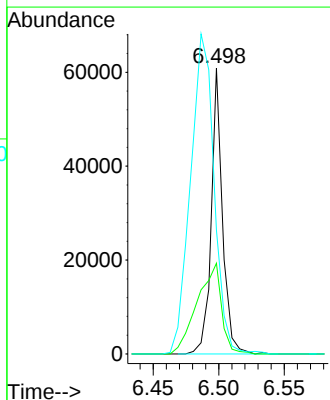
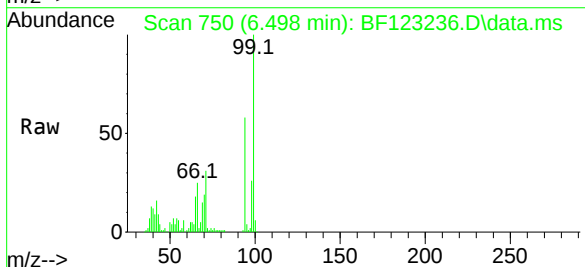
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILE

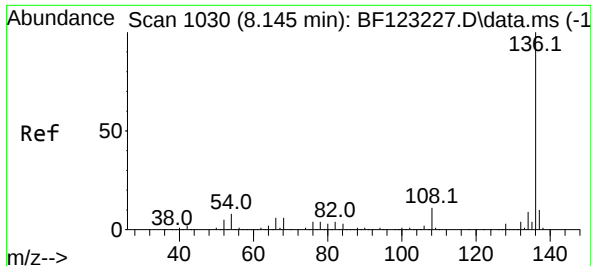
Tgt Ion: 99 Resp: 1472926
Ion Ratio Lower Upper
99 100
42 19.6 13.8 20.6
71 38.3 26.9 40.3



#10
Phenol
Concen: 2.25 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

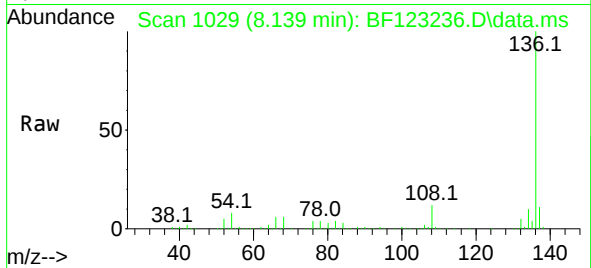
Tgt Ion: 94 Resp: 36364
Ion Ratio Lower Upper
94 100
65 31.7 11.2 51.2
66 43.3 25.8 65.8



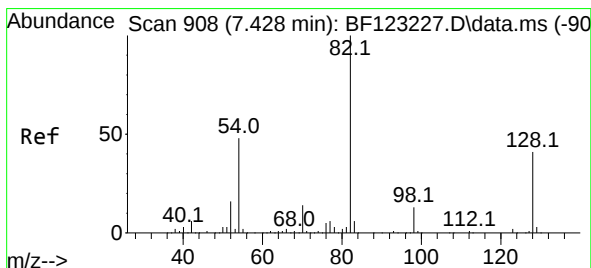
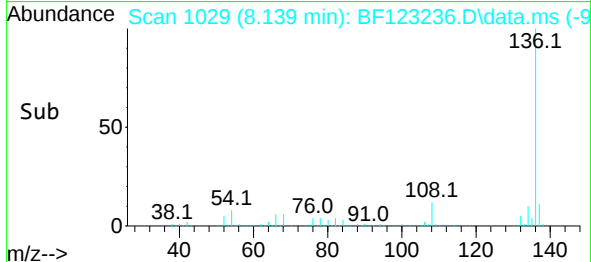
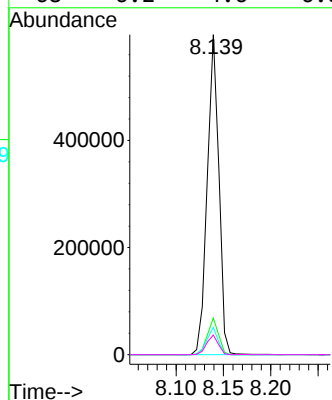


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILE

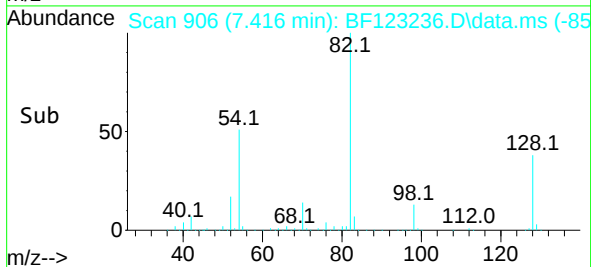
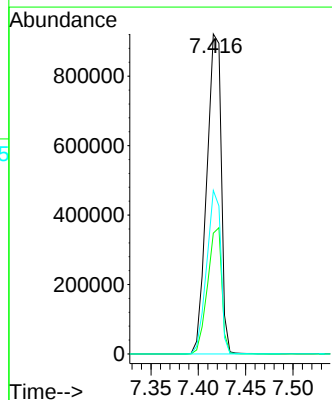
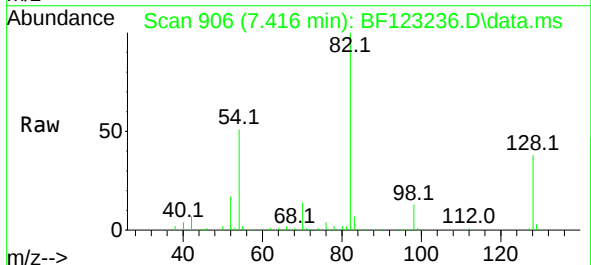


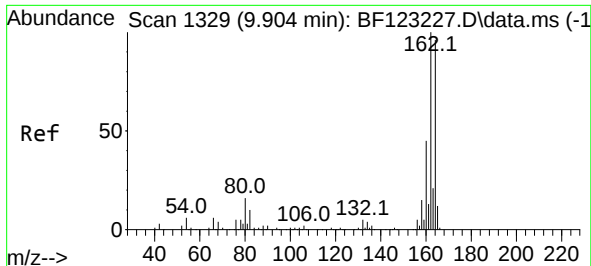
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.5	5.5	8.3#
68	6.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 87.86 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	37.0	55.4
54	51.1	38.4	57.6

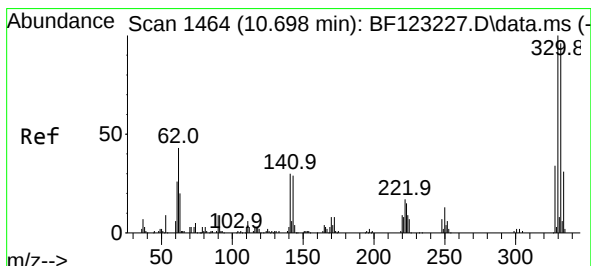
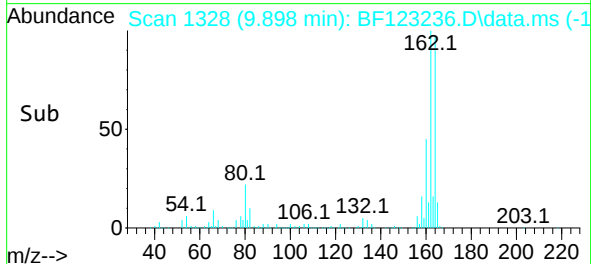
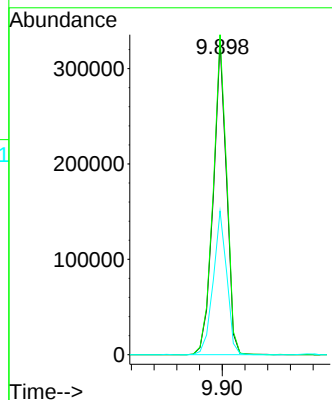
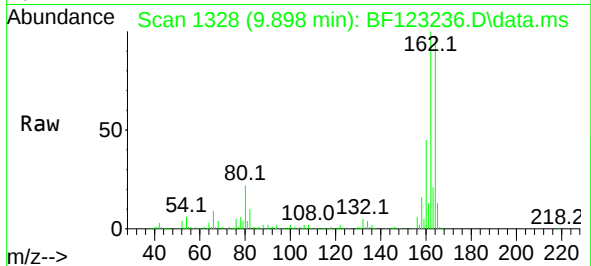




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

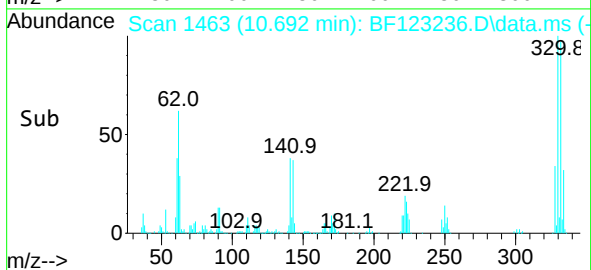
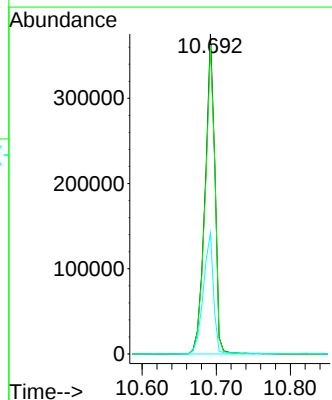
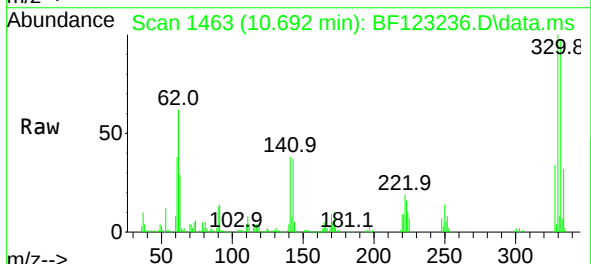
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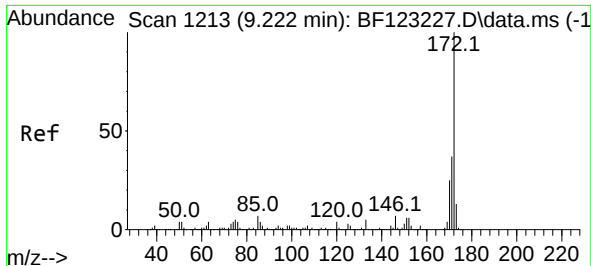
Tgt Ion:164 Resp: 266238
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 45.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 126.86 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

Tgt Ion:330 Resp: 343926
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 39.4 23.8 35.8#

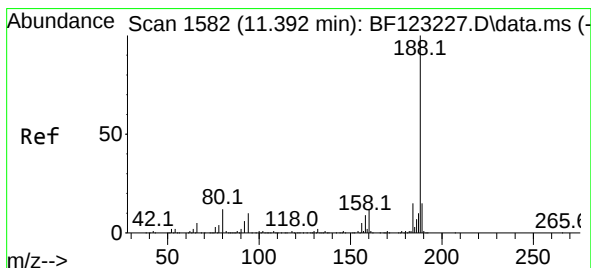
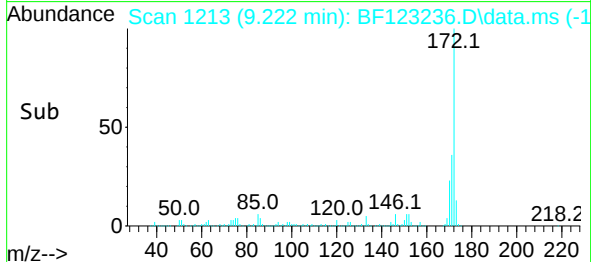
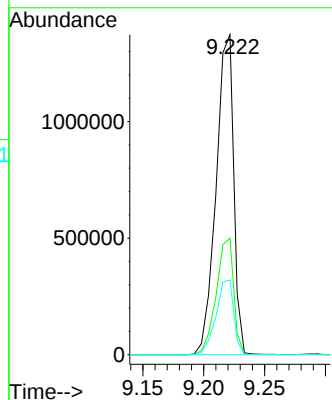
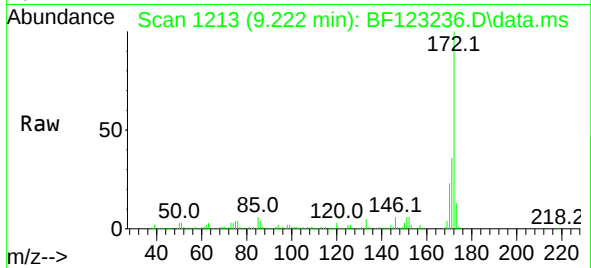




#45
2-Fluorobiphenyl
Concen: 74.86 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

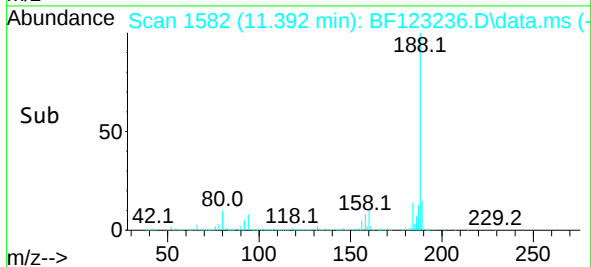
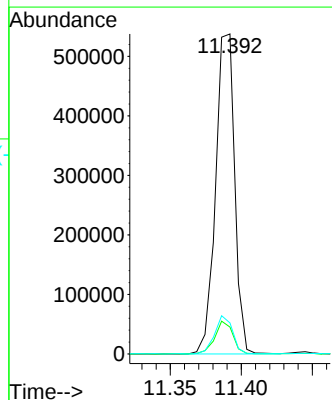
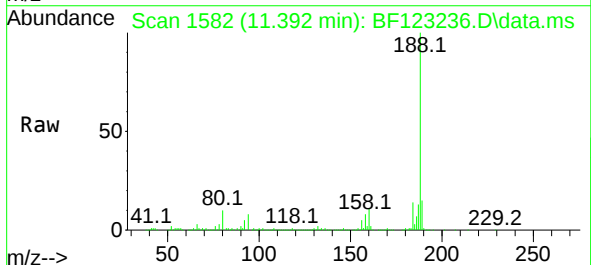
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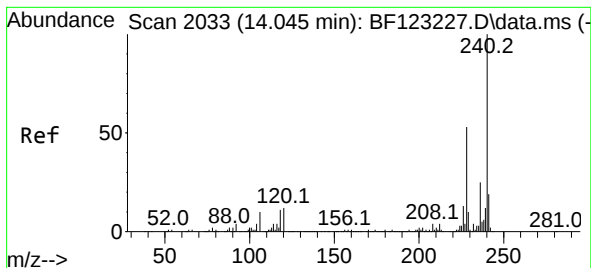
Tgt Ion:172 Resp: 1387465
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.3 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

Tgt Ion:188 Resp: 502951
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.7 8.2 12.4

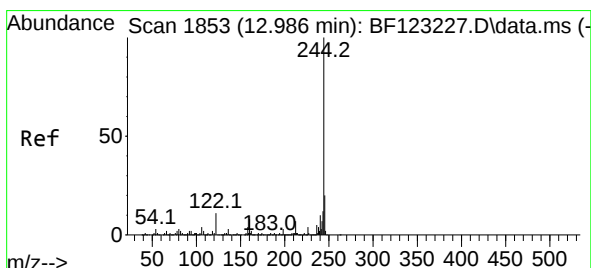
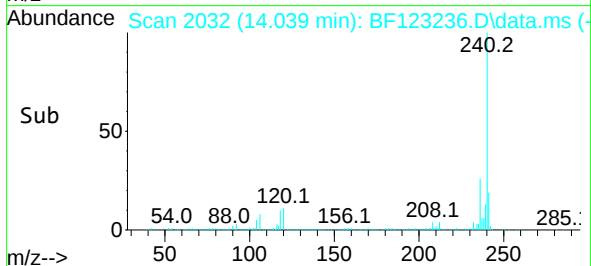
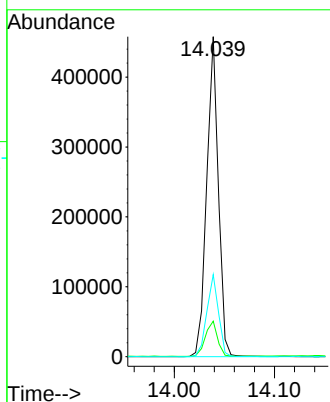
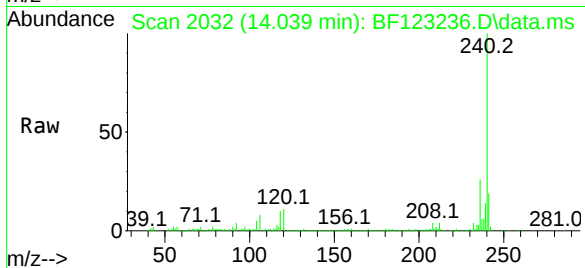




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

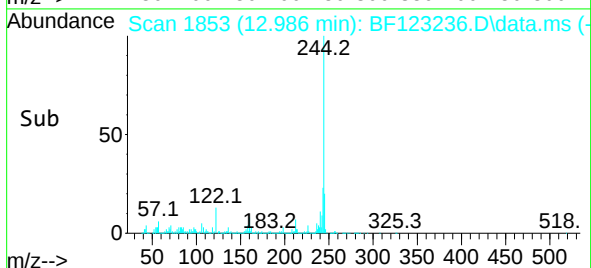
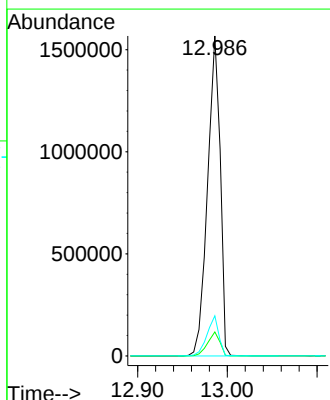
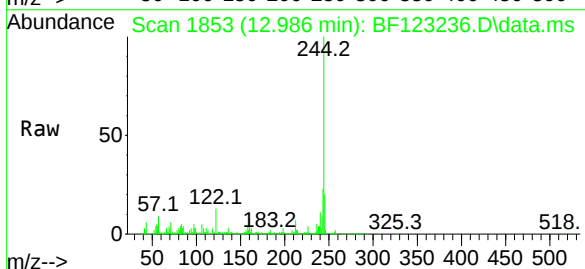
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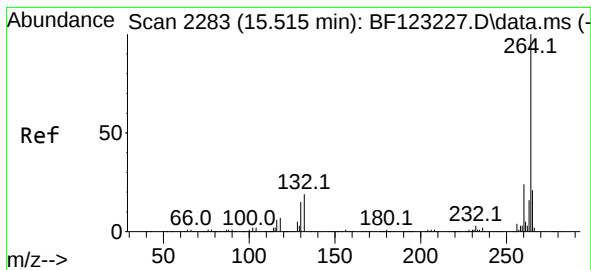
Tgt Ion:240 Resp: 371018
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 79.29 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123236.D
Acq: 19 Feb 2021 20:40

Tgt Ion:244 Resp: 1529929
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 12.5 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123236.D
 Acq: 19 Feb 2021 20:40

Instrument :
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Tgt Ion:264 Resp: 294552
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.4 17.0 25.6

