

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122986.D
 Acq On : 18 Jan 2021 13:56
 Operator : JU/CG
 Sample : M1100-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT

Quant Time: Jan 18 14:23:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

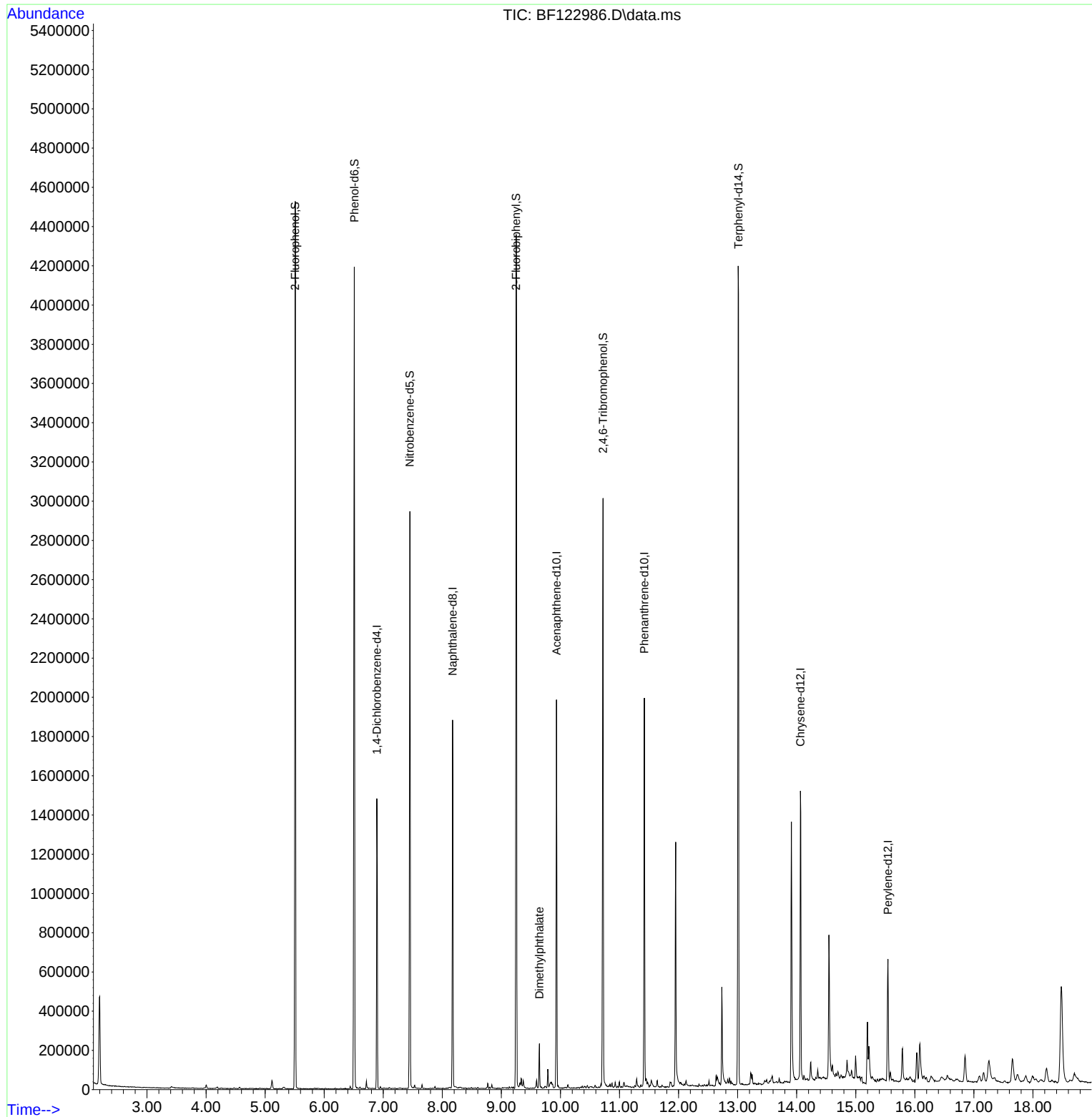
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	191203	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	803118	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	355574	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	626214	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	478082	20.00	ng	#-0.01
86) Perylene-d12	15.545	264	257909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1071370	84.70	ng	0.00
7) Phenol-d6	6.510	99	1347698	79.28	ng	-0.01
23) Nitrobenzene-d5	7.451	82	903768	57.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	335360	83.40	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1352034	53.24	ng	0.00
79) Terphenyl-d14	13.016	244	1338065	51.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.645	163	80219	2.91	ng	Qvalue 98

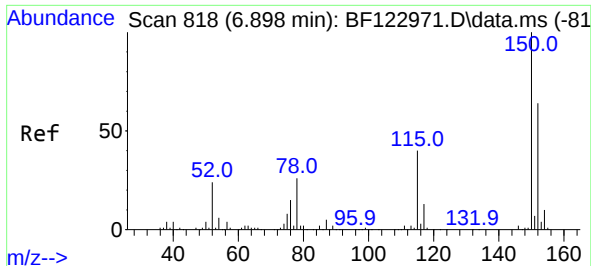
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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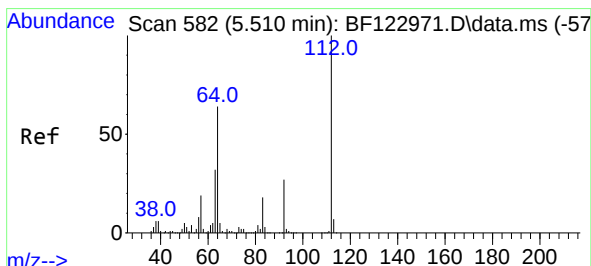
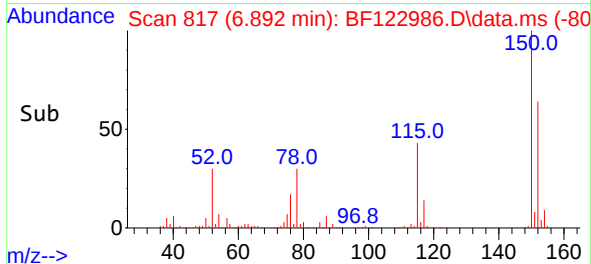
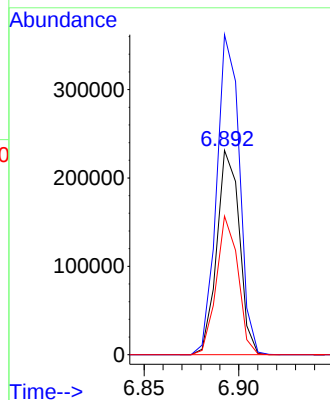
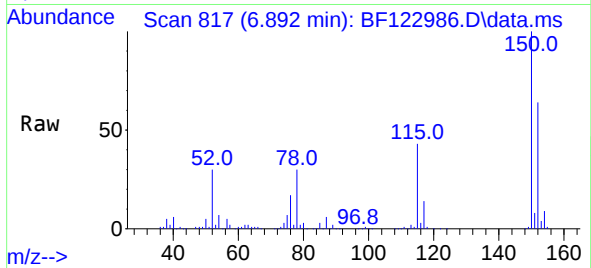




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

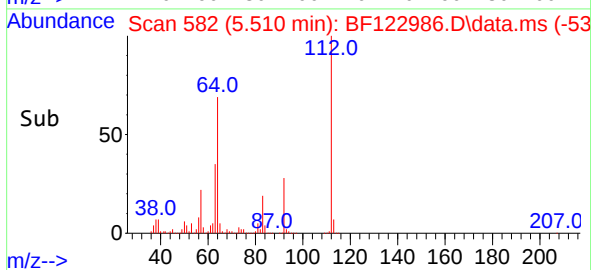
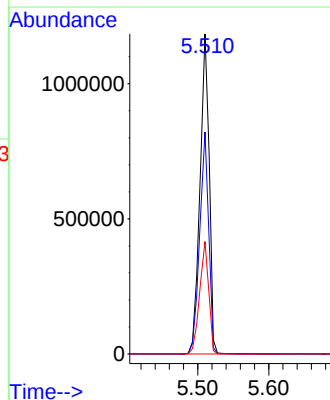
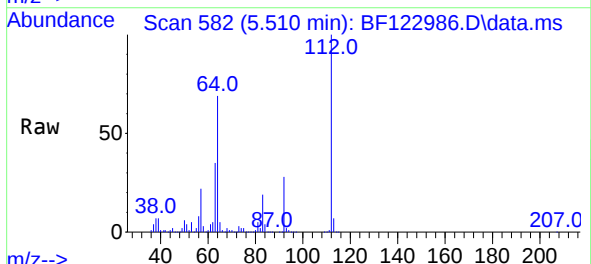
Instrument :
BNA_F
ClientSampleId :
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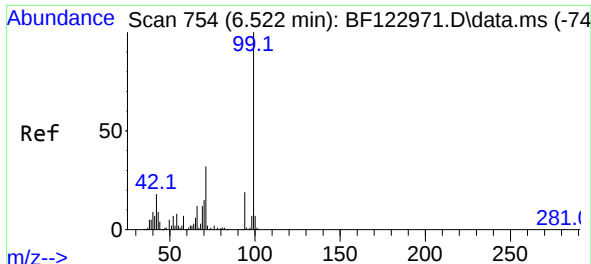
Tgt Ion:152 Resp: 191203
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 67.8 49.3 73.9



#5
2-Fluorophenol
Concen: 84.70 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

Tgt Ion:112 Resp: 1071370
Ion Ratio Lower Upper
112 100
64 69.4 46.9 70.3
63 35.2 24.5 36.7

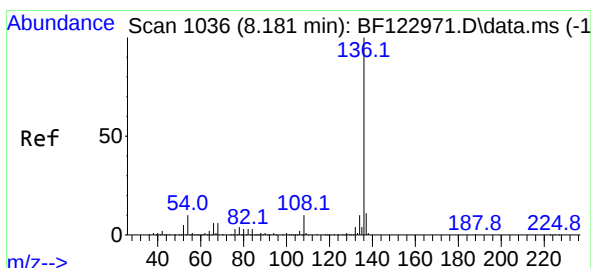
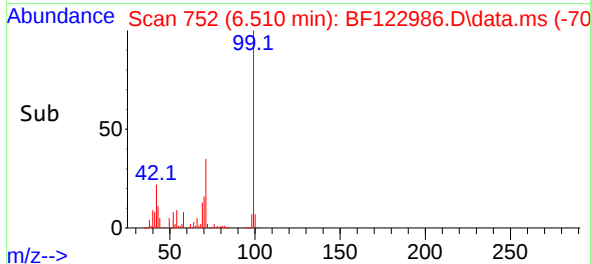
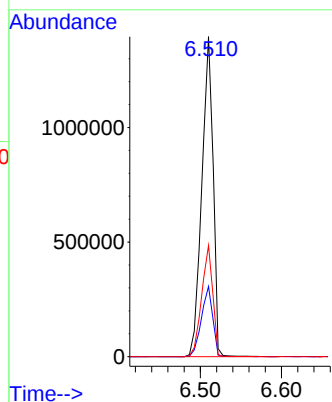
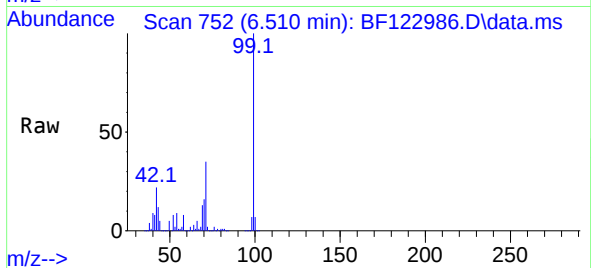




#7
Phenol-d6
Concen: 79.28 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

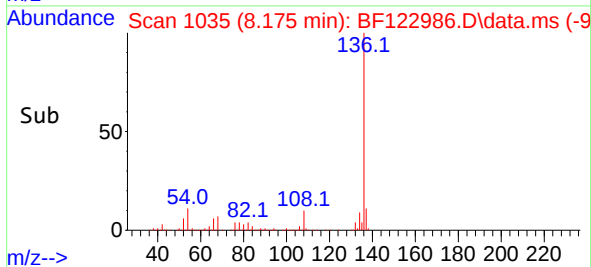
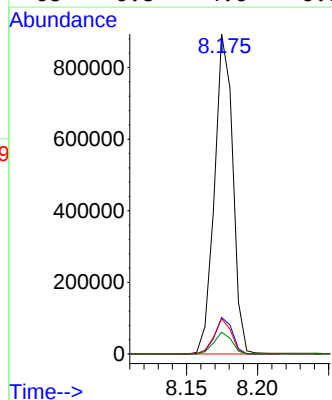
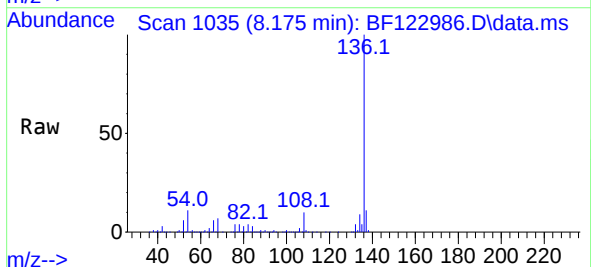
Instrument :
BNA_F
ClientSampleId :
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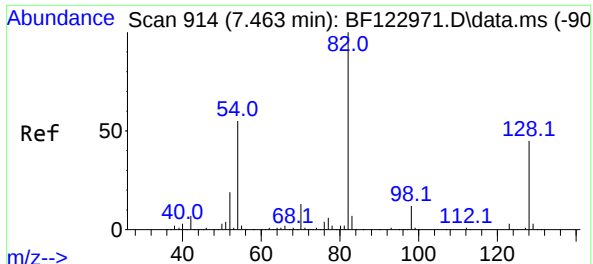
Tgt Ion: 99 Resp: 1347698
Ion Ratio Lower Upper
99 100
42 22.0 13.8 20.6#
71 34.8 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

Tgt Ion: 136 Resp: 803118
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.0 5.5 8.3#
68 6.8 4.6 6.8

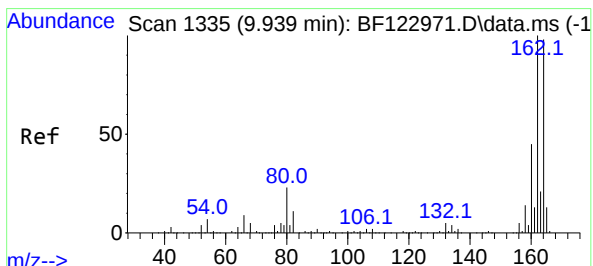
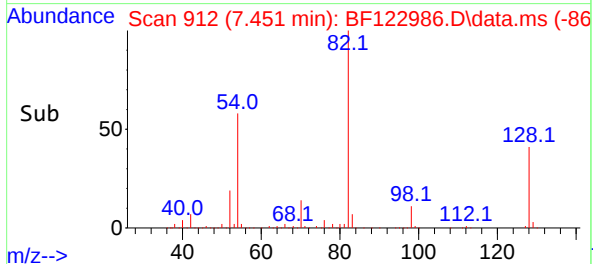
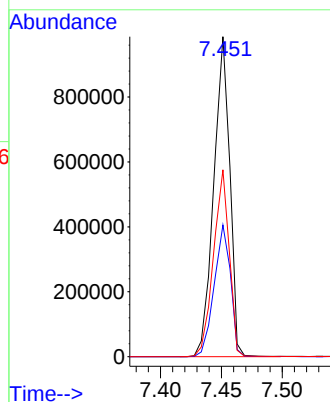
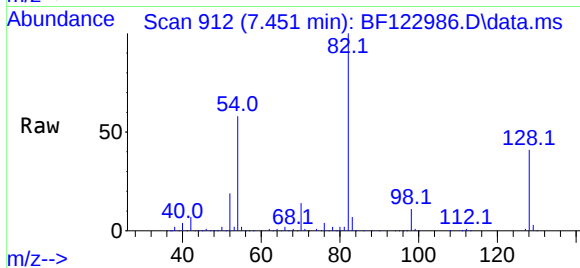




#23
Nitrobenzene-d5
Concen: 57.91 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

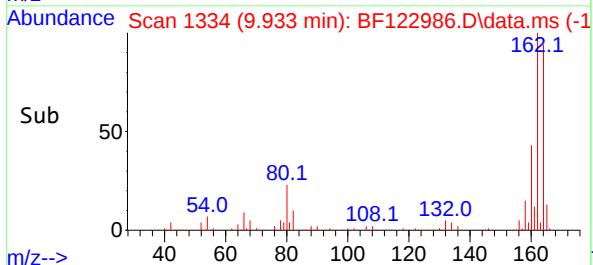
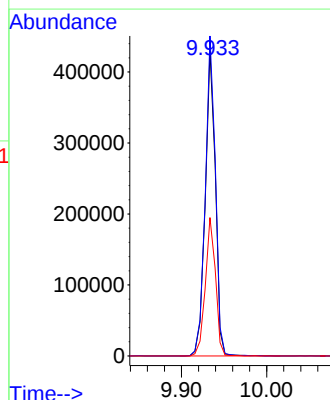
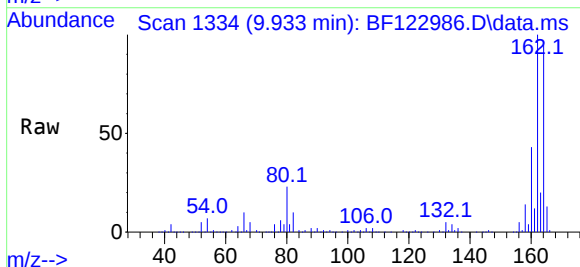
Instrument :
BNA_F
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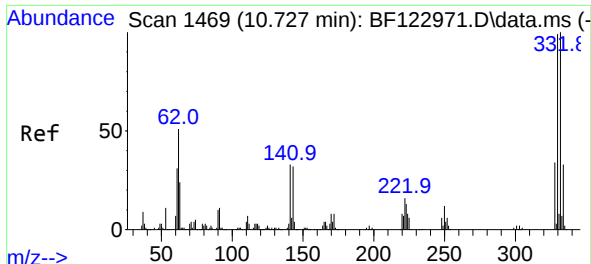
Tgt Ion: 82 Resp: 903768
Ion Ratio Lower Upper
82 100
128 41.2 37.0 55.4
54 58.4 38.4 57.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

Tgt Ion:164 Resp: 355574
Ion Ratio Lower Upper
164 100
162 104.9 80.8 121.2
160 45.4 35.4 53.0

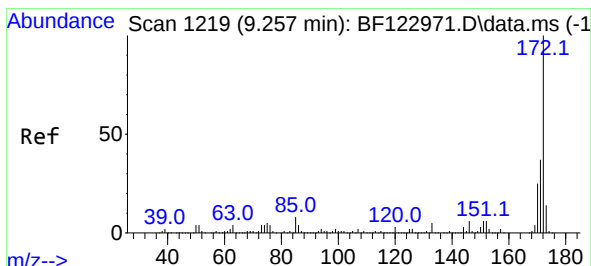
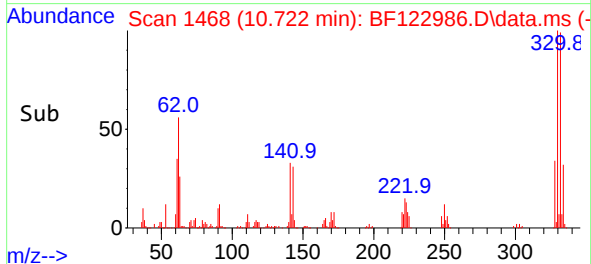
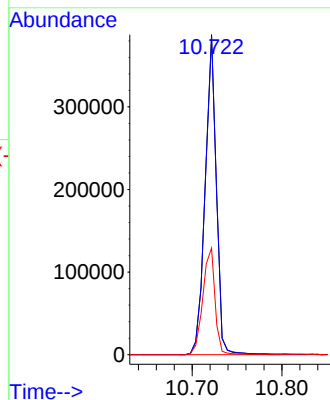
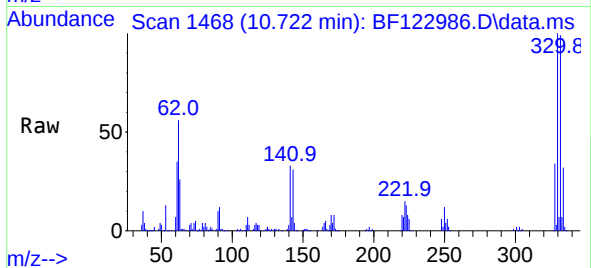




#42
2,4,6-Tribromophenol
Concen: 83.40 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.005 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

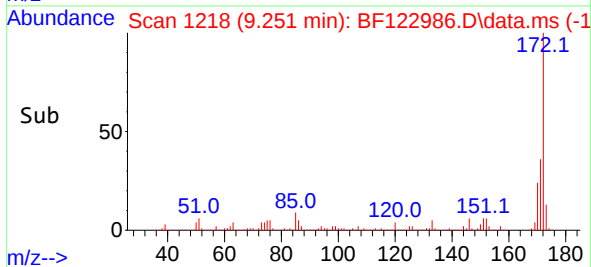
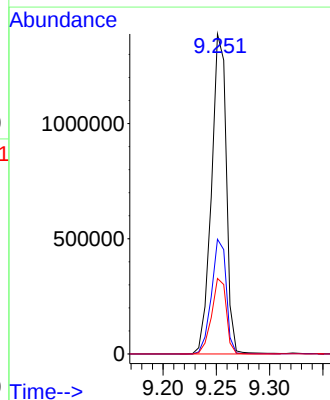
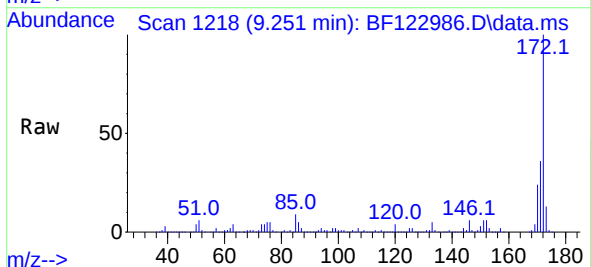
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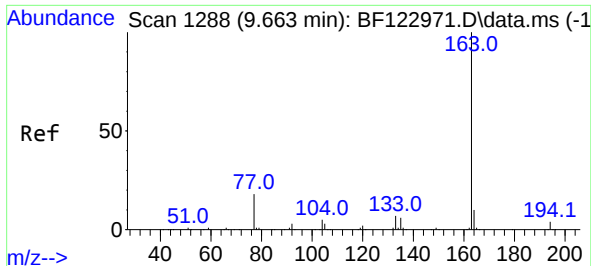
Tgt Ion:330 Resp: 335360
Ion Ratio Lower Upper
330 100
332 100.1 77.5 116.3
141 36.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 53.24 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

Tgt Ion:172 Resp: 1352034
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.5 29.3

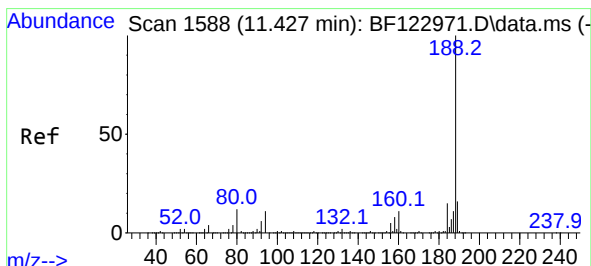
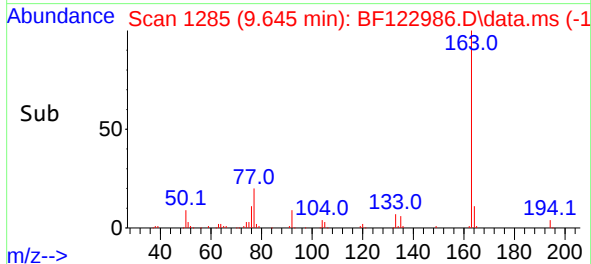
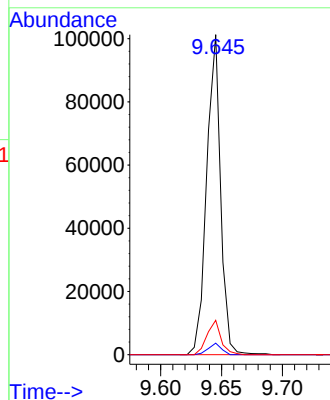
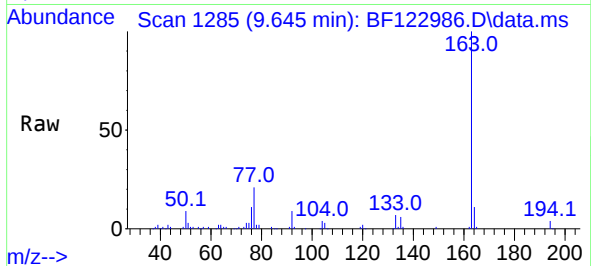




#50
Dimethylphthalate
Concen: 2.91 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

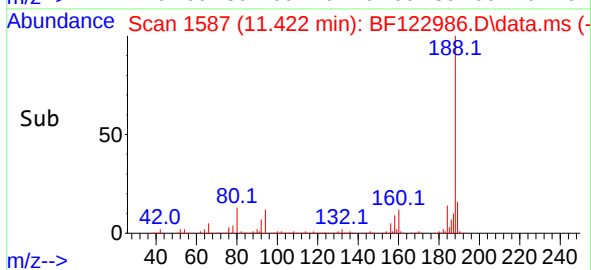
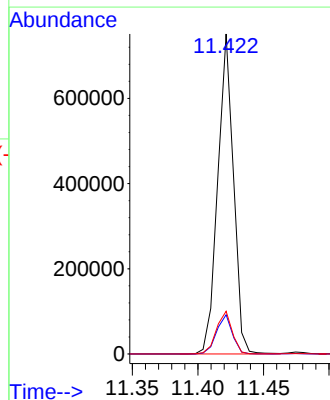
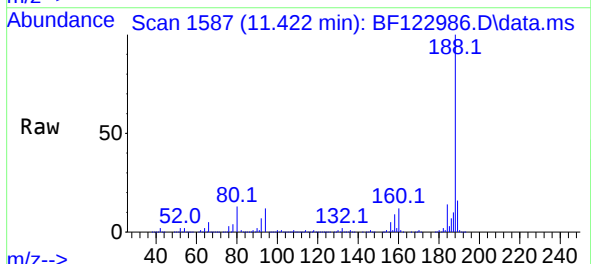
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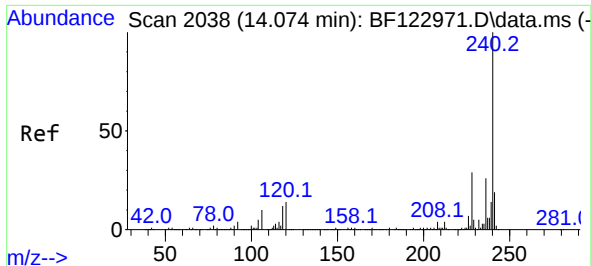
Tgt Ion:163 Resp: 80219
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.7 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

Tgt Ion:188 Resp: 626214
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 13.3 8.2 12.4#

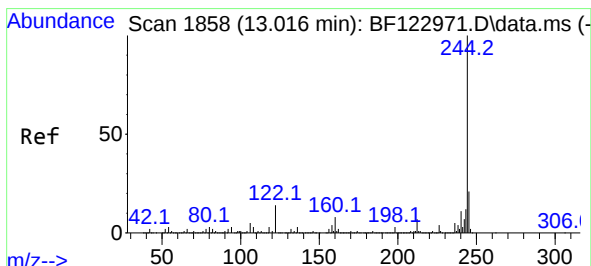
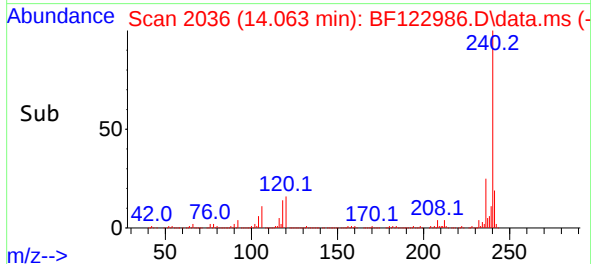
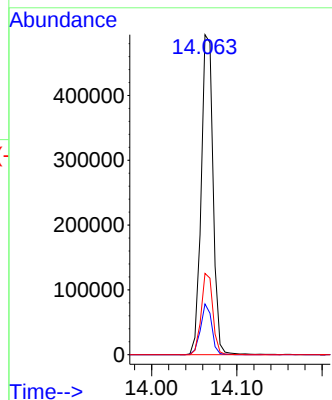
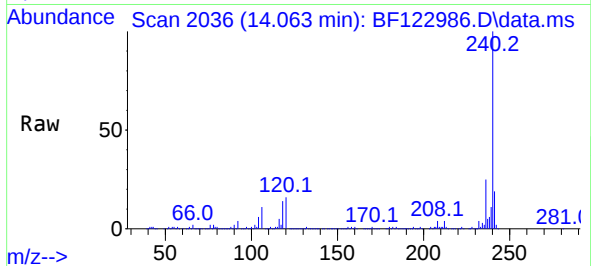




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

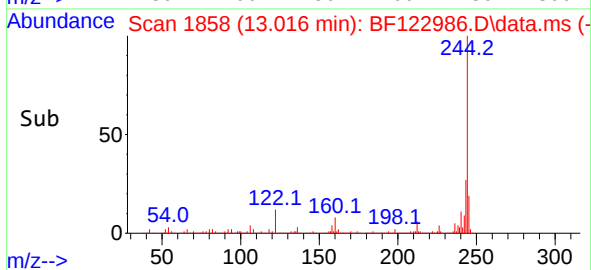
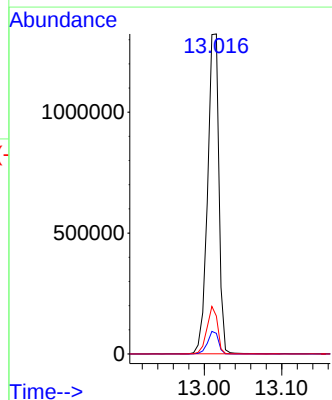
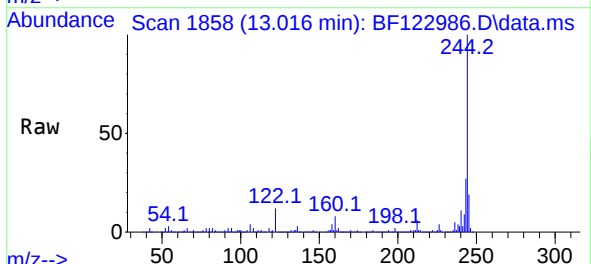
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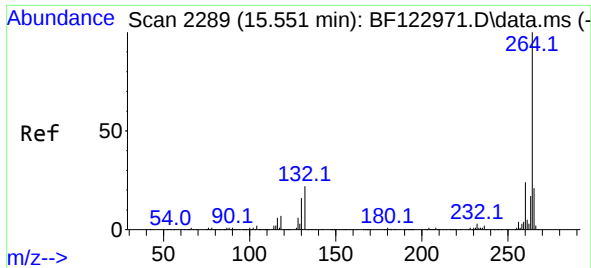
Tgt Ion:240 Resp: 478082
Ion Ratio Lower Upper
240 100
120 15.9 8.6 12.8#
236 25.4 20.3 30.5



#79
Terphenyl-d14
Concen: 51.32 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF122986.D
Acq: 18 Jan 2021 13:56

Tgt Ion:244 Resp: 1338065
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 11.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF122986.D
 Acq: 18 Jan 2021 13:56

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 257909

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.0	17.0	25.6

