

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
 Data File : BF123182.D
 Acq On : 11 Feb 2021 13:00
 Operator : JU/CG
 Sample : PB134558BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134558BL

Quant Time: Feb 11 13:27:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 01:29:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	186174	20.00	ng	-0.01
21) Naphthalene-d8	8.163	136	727203	20.00	ng	-0.02
39) Acenaphthene-d10	9.922	164	396025	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	754153	20.00	ng	-0.02
76) Chrysene-d12	14.063	240	666594	20.00	ng	-0.02
86) Perylene-d12	15.551	264	571938	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1492776	123.68	ng	0.01
7) Phenol-d6	6.510	99	1866364	114.09	ng	0.00
23) Nitrobenzene-d5	7.445	82	1212749	83.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	640268	148.93	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	2272919	85.32	ng	-0.02
79) Terphenyl-d14	13.016	244	2719087	80.14	ng	-0.01

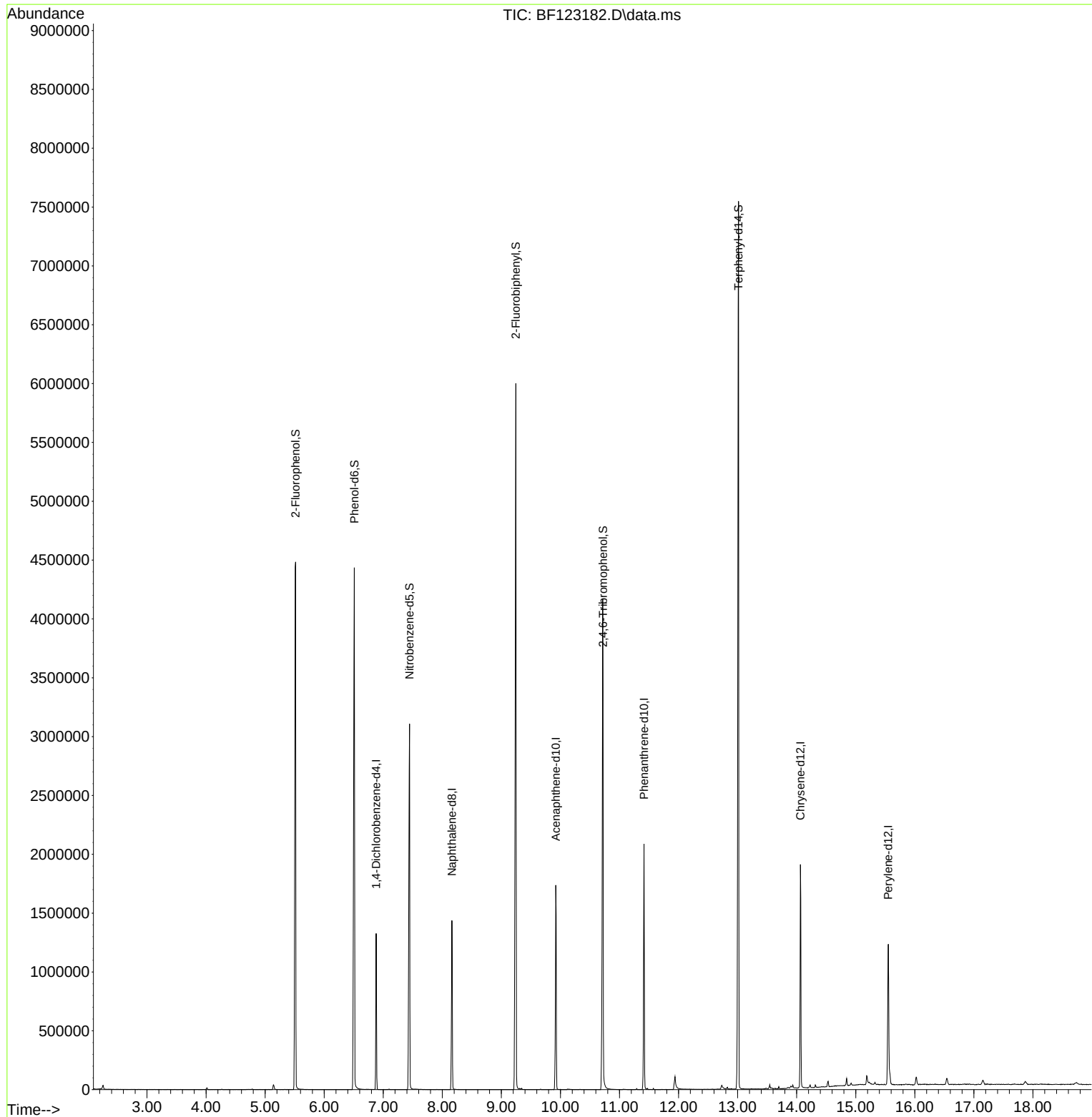
Target Compounds	Qvalue

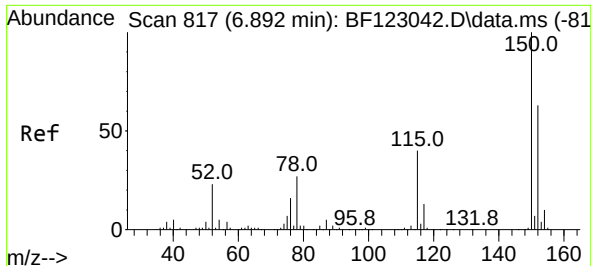
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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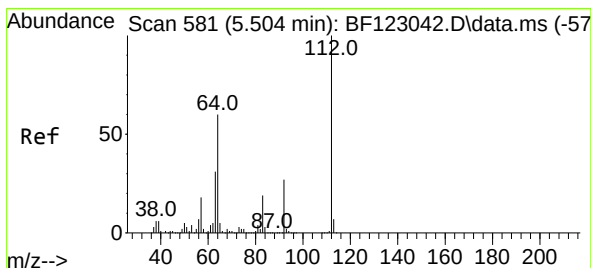
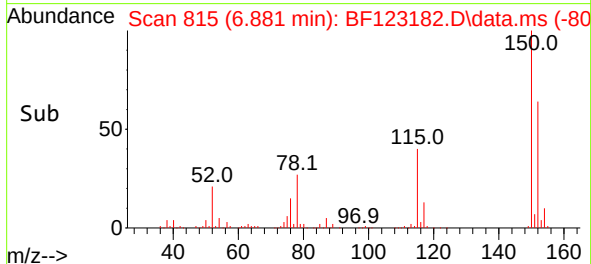
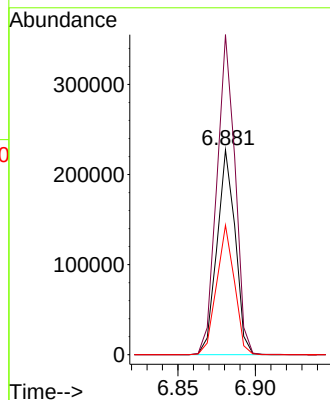
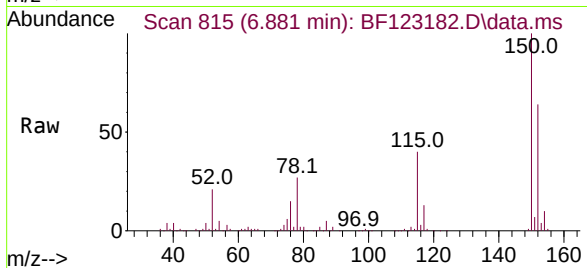




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.011 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

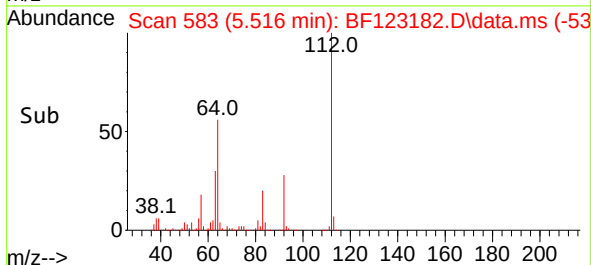
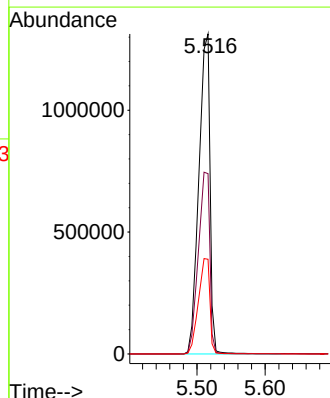
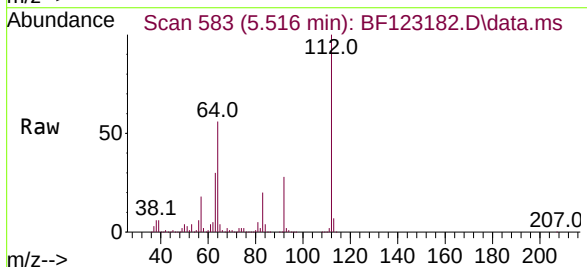
Instrument :
BNA_F
ClientSampleId :
PB134558BL

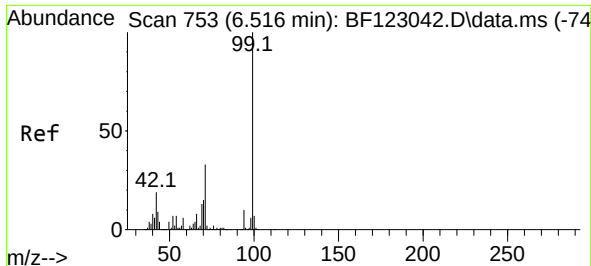
Tgt Ion:152 Resp: 186174
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 63.2 49.3 73.9



#5
2-Fluorophenol
Concen: 123.68 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

Tgt Ion:112 Resp: 1492776
Ion Ratio Lower Upper
112 100
64 56.4 46.9 70.3
63 29.6 24.5 36.7



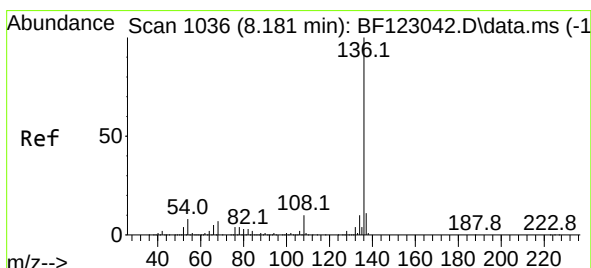
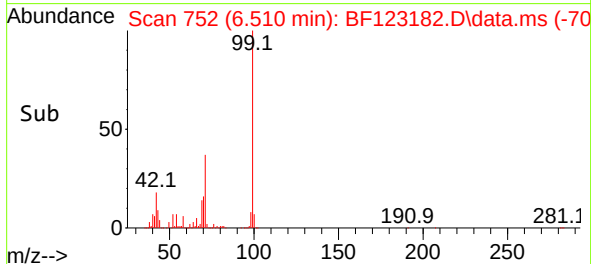
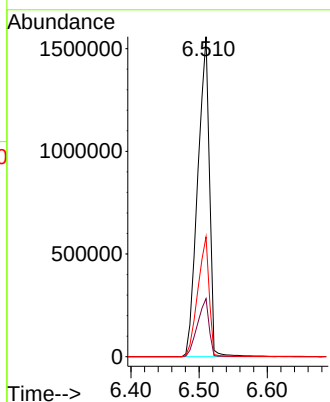
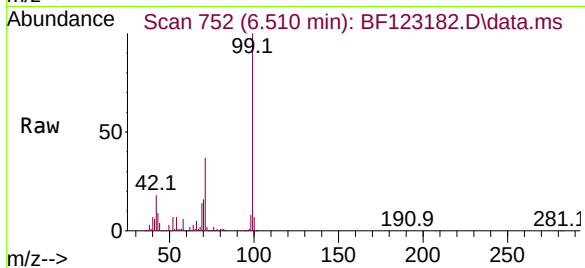


#7
Phenol-d6
Concen: 114.09 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

Instrument :
BNA_F
ClientSampleId :
PB134558BL

Tgt Ion: 99 Resp: 1866364

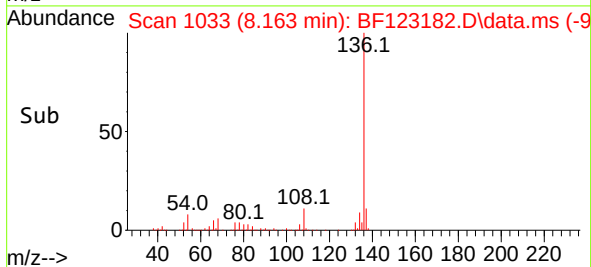
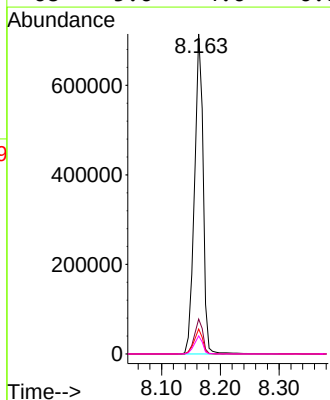
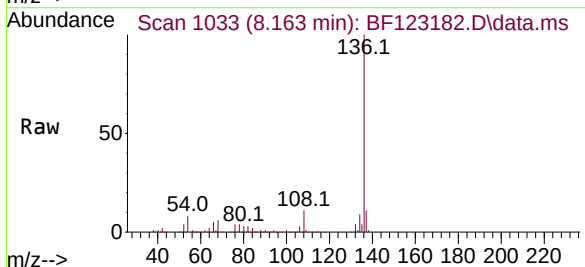
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.8	20.6
71	37.4	26.9	40.3

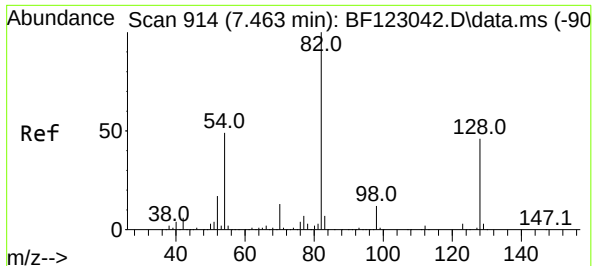


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.018 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

Tgt Ion: 136 Resp: 727203

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	5.5	8.3
68	5.6	4.6	6.8





#23

Nitrobenzene-d5

Concen: 83.93 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.018 min

Lab File: BF123182.D

Acq: 11 Feb 2021 13:00

Instrument :

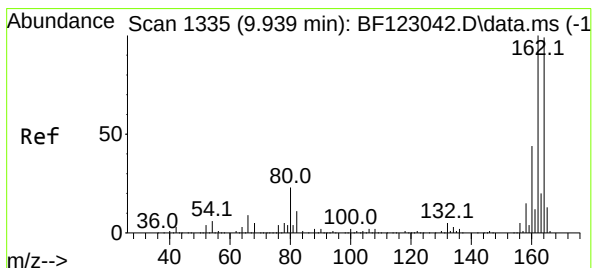
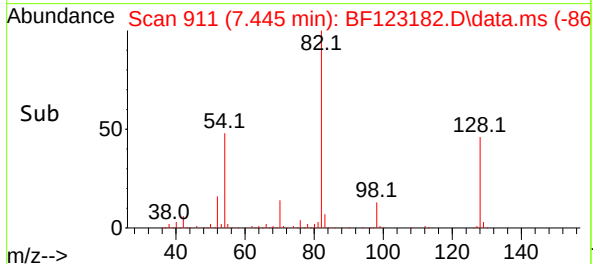
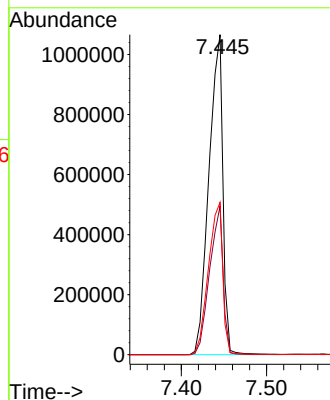
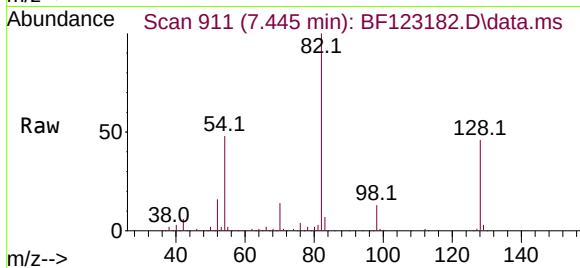
BNA_F

ClientSampleId :

PB134558BL

Tgt Ion: 82 Resp: 1212749

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	47.6	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 1332

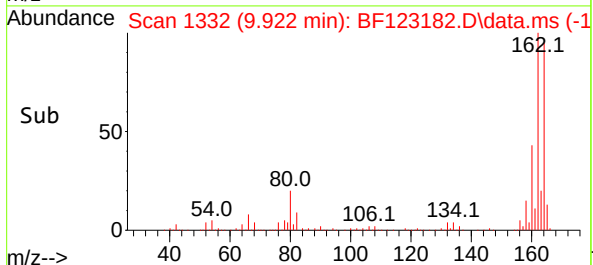
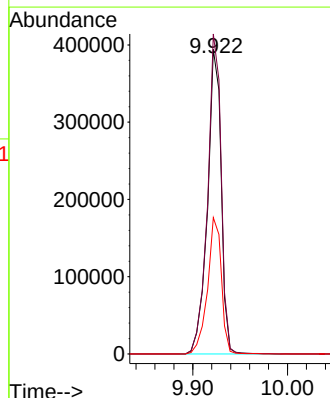
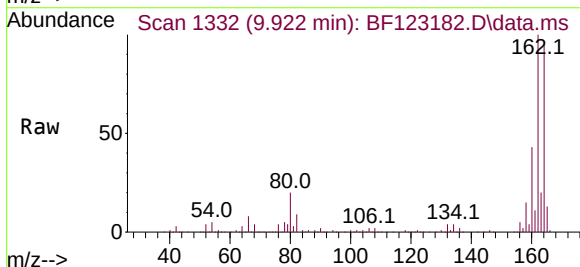
Delta R.T. -0.017 min

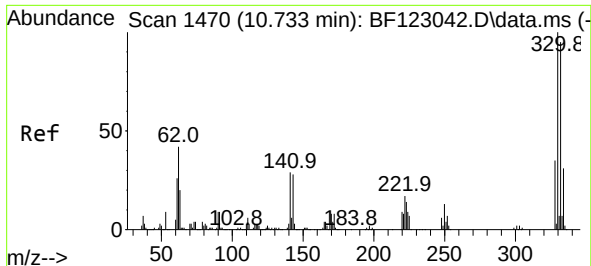
Lab File: BF123182.D

Acq: 11 Feb 2021 13:00

Tgt Ion: 164 Resp: 396025

Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.8	121.2
160	44.8	35.4	53.0

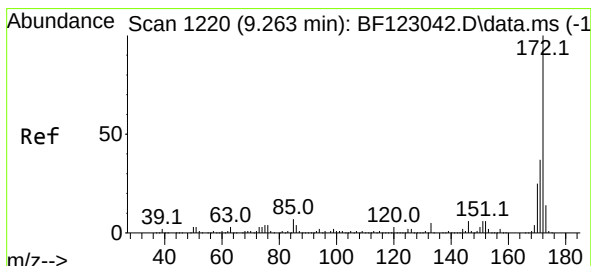
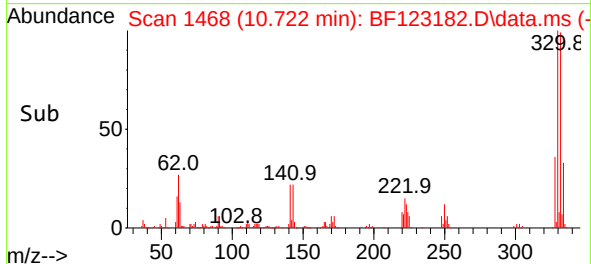
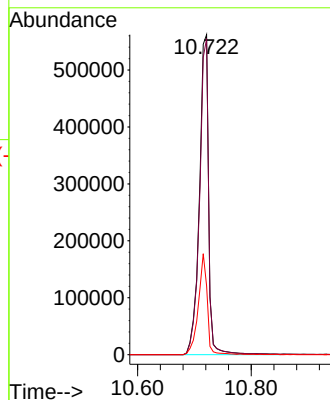
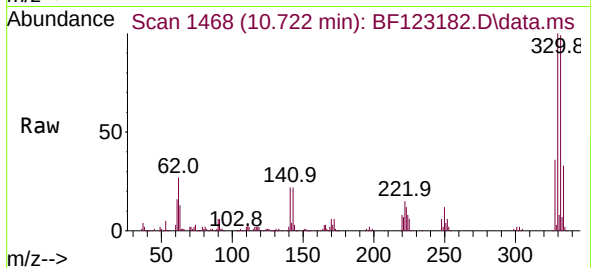




#42
2,4,6-Tribromophenol
Concen: 148.93 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

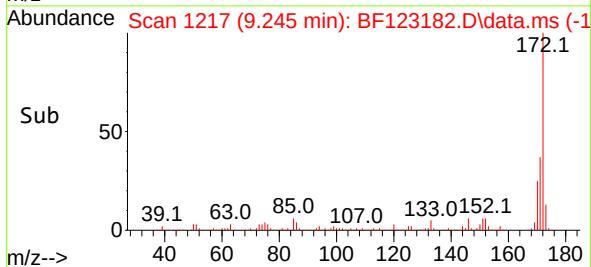
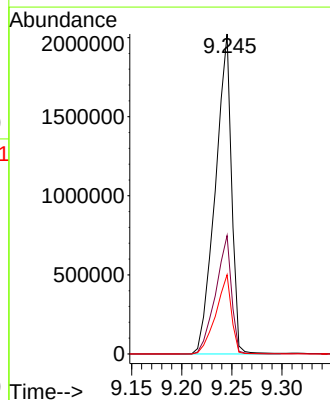
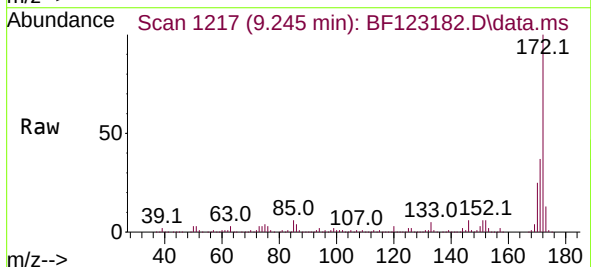
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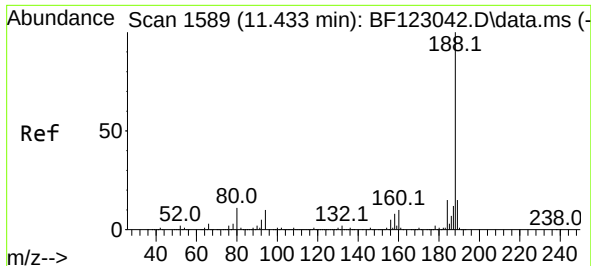
Tgt Ion:330 Resp: 640268
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 30.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 85.32 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.018 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

Tgt Ion:172 Resp: 2272919
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.8 19.5 29.3

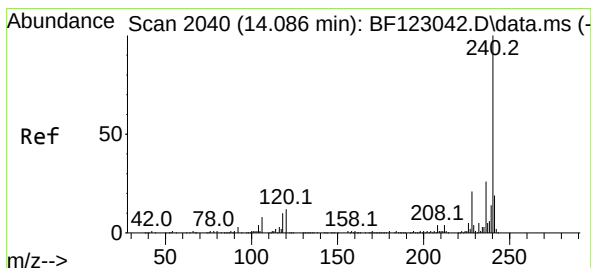
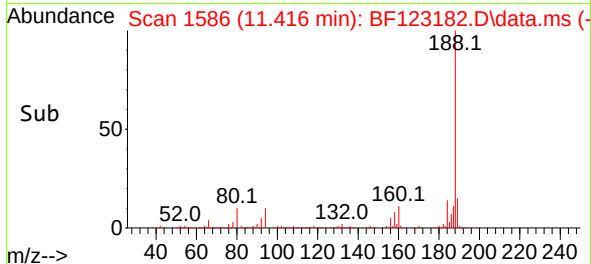
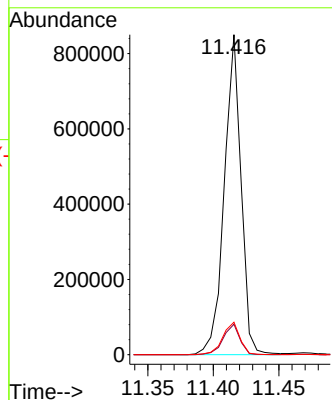
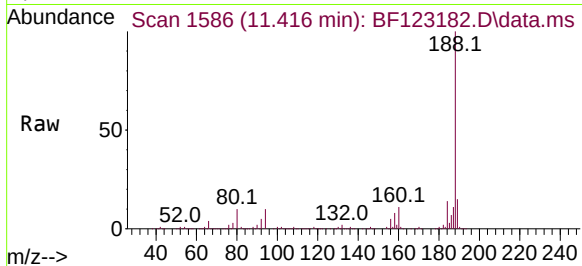




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.017 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

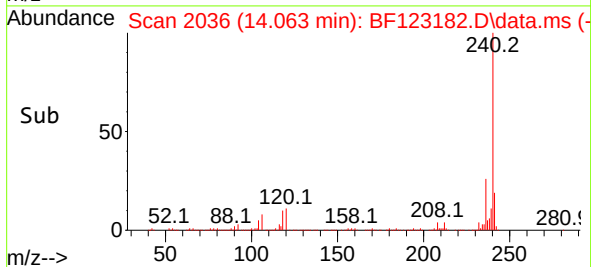
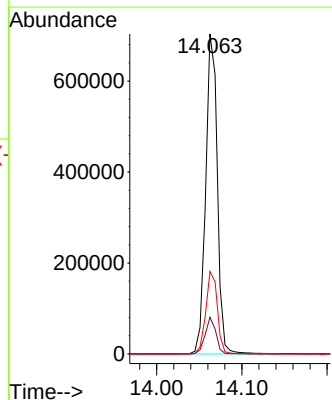
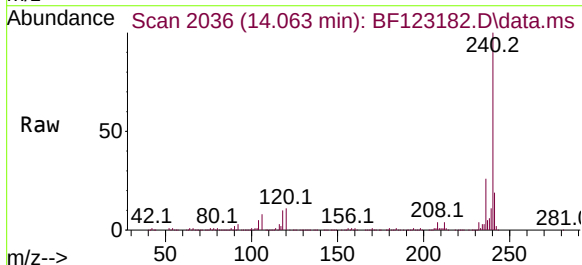
Instrument :
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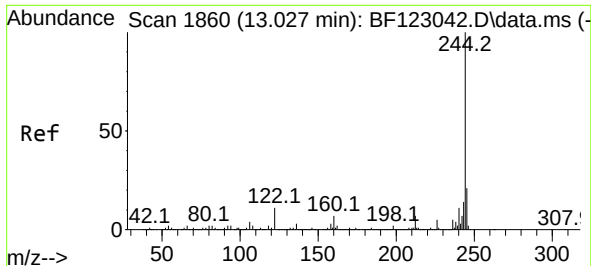
Tgt Ion:188 Resp: 754153
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.024 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

Tgt Ion:240 Resp: 666594
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.8 20.3 30.5

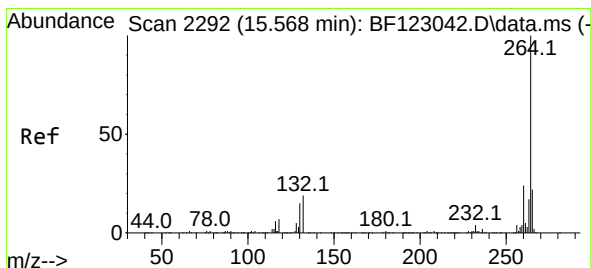
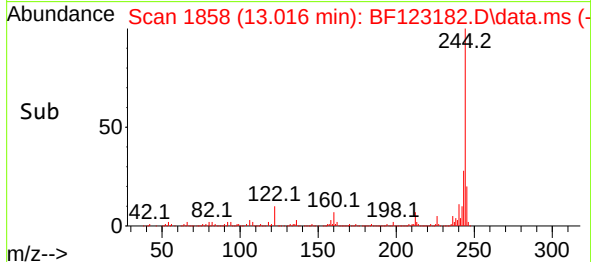
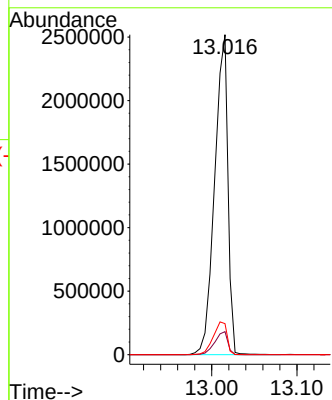
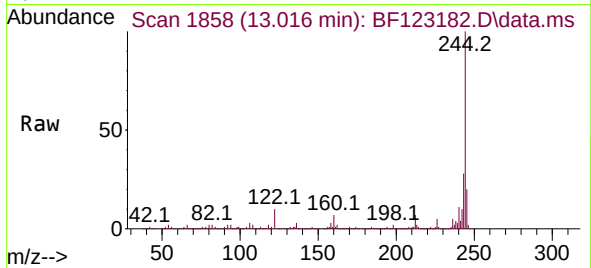




#79
Terphenyl-d14
Concen: 80.14 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

Instrument :
BNA_F
ClientSampleId :
PB134558BL

Tgt Ion:244 Resp: 2719087
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF123182.D
Acq: 11 Feb 2021 13:00

Tgt Ion:264 Resp: 571938
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.6 17.0 25.6

