

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021221\
 Data File : BF123200.D
 Acq On : 12 Feb 2021 17:03
 Operator : JU/CG
 Sample : PB134609BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134609BL

Quant Time: Feb 12 17:53:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	151943	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	613211	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	299394	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	561840	20.00	ng	0.00
76) Chrysene-d12	14.051	240	494843	20.00	ng	0.00
86) Perylene-d12	15.527	264	481921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1223681	122.07	ng	0.01
7) Phenol-d6	6.492	99	1525437	115.23	ng	0.00
23) Nitrobenzene-d5	7.428	82	958976	82.17	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	347820	107.57	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1633033	81.51	ng	0.00
79) Terphenyl-d14	12.998	244	1791080	72.54	ng	0.00

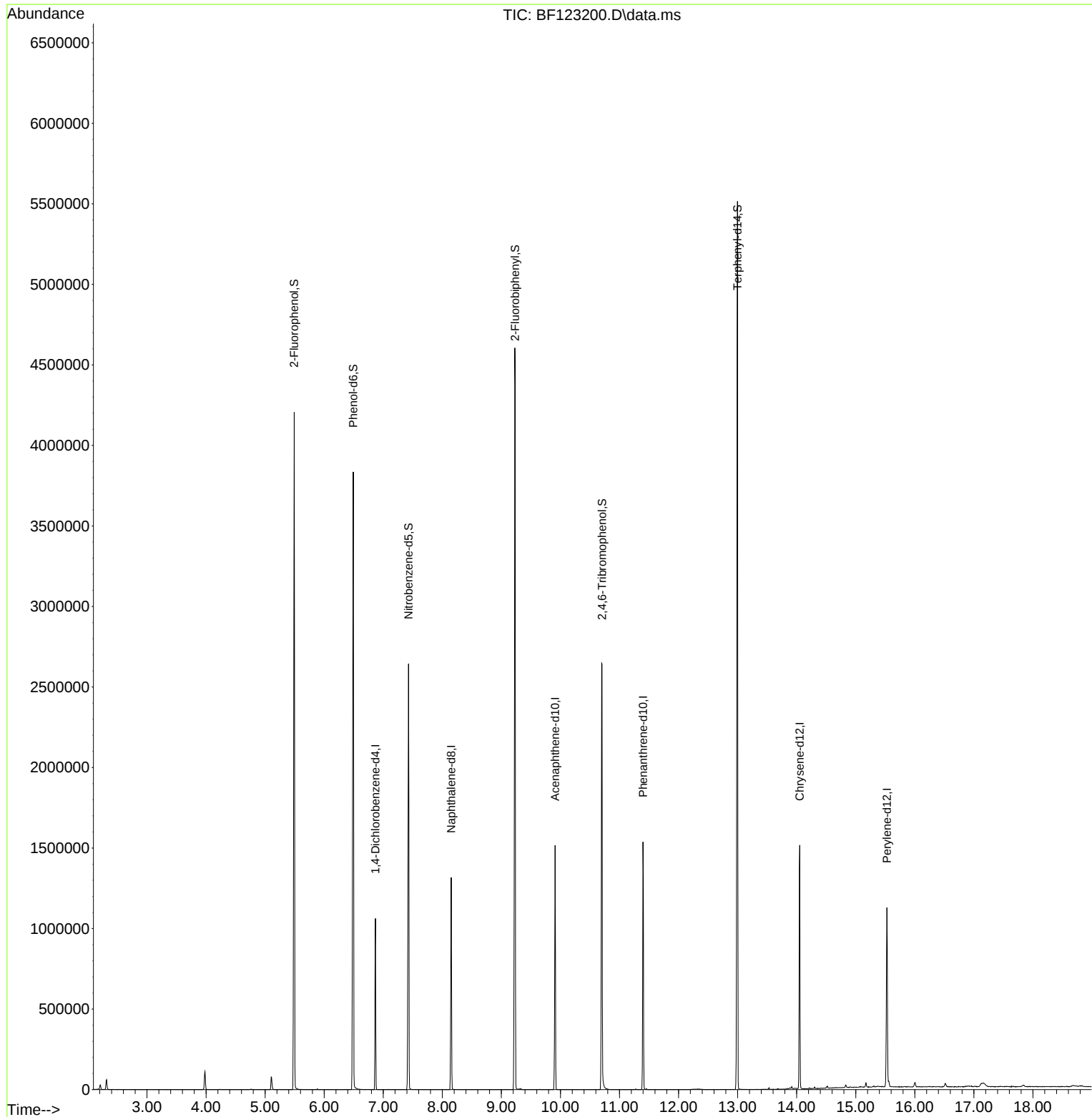
Target Compounds	Qvalue

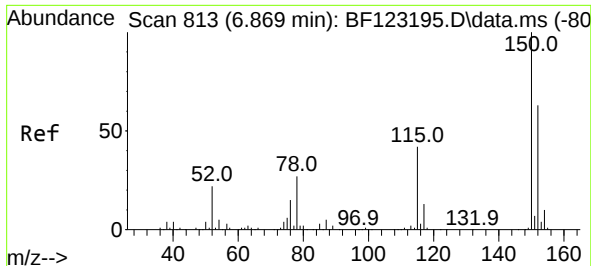
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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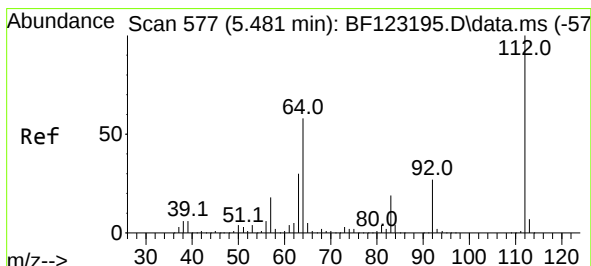
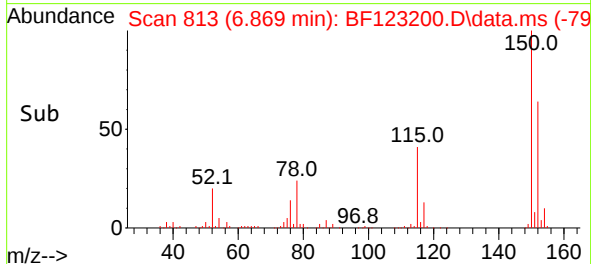
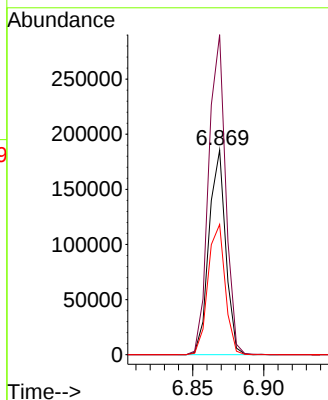
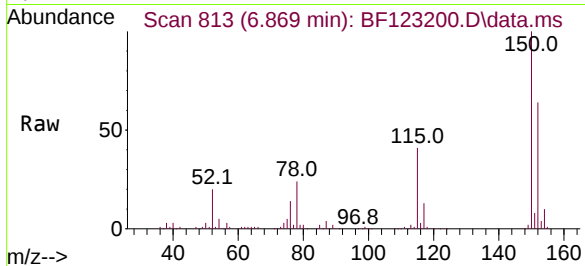




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

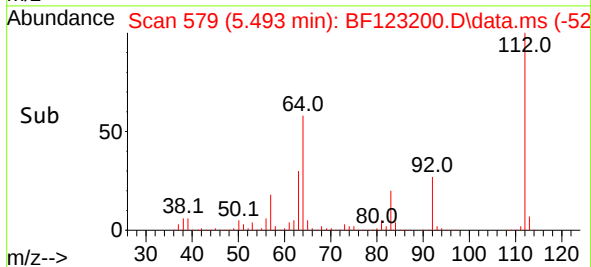
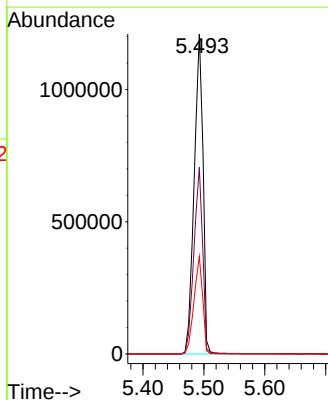
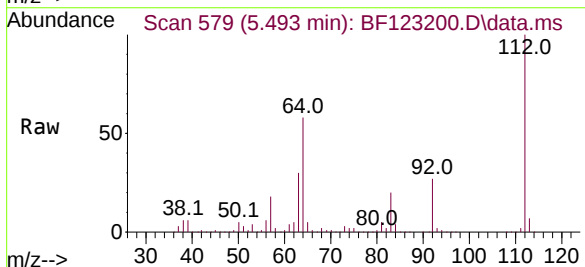
Instrument :
BNA_F
ClientSampleId :
PB134609BL

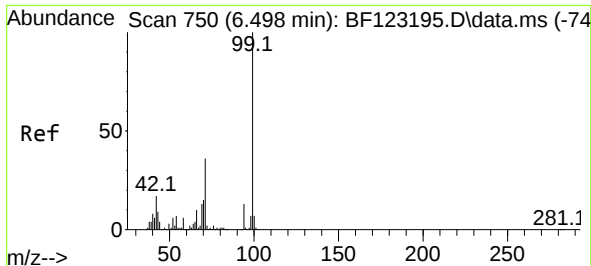
Tgt Ion:152 Resp: 151943
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 63.7 49.3 73.9



#5
2-Fluorophenol
Concen: 122.07 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

Tgt Ion:112 Resp: 1223681
Ion Ratio Lower Upper
112 100
64 58.3 46.9 70.3
63 30.5 24.5 36.7



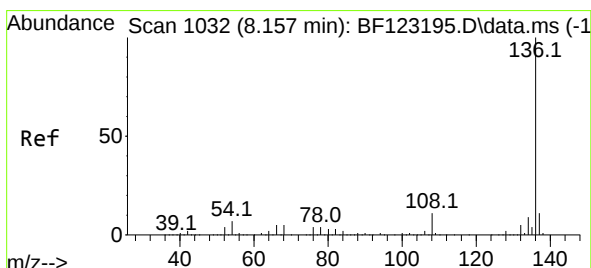
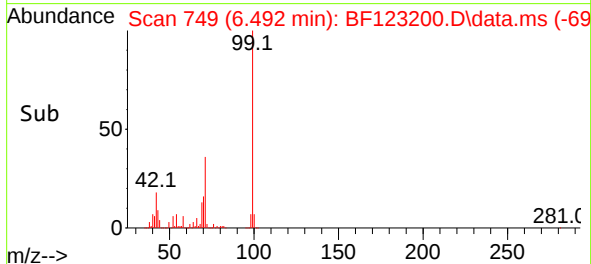
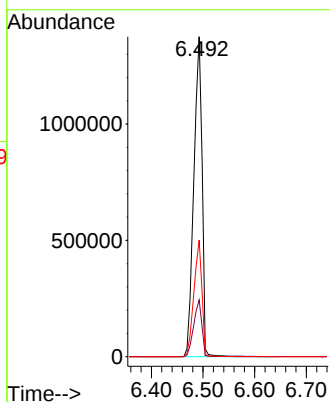
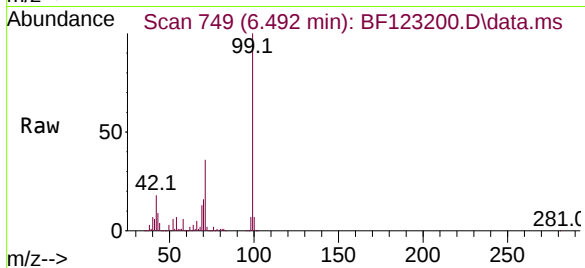


#7
Phenol-d6
Concen: 115.23 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

Instrument :
BNA_F
ClientSampleId :
PB134609BL

Tgt Ion: 99 Resp: 1525437

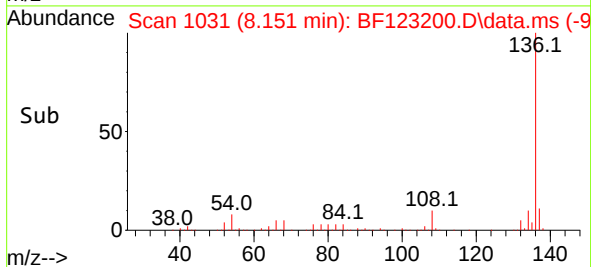
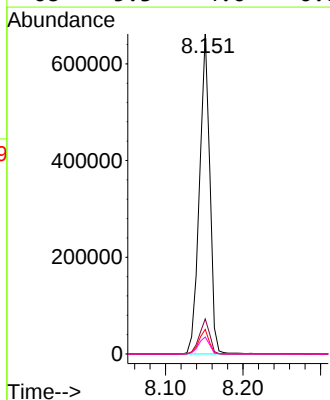
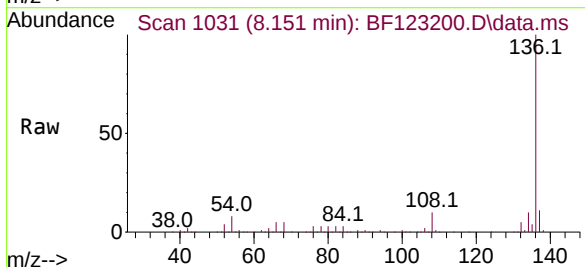
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	36.4	26.9	40.3

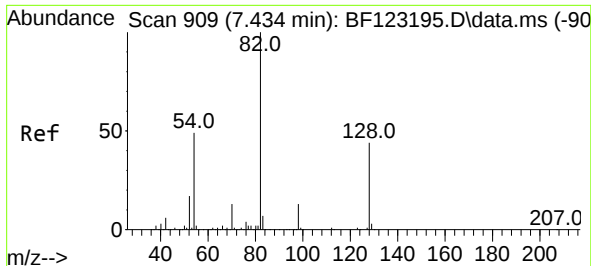


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

Tgt Ion: 136 Resp: 613211

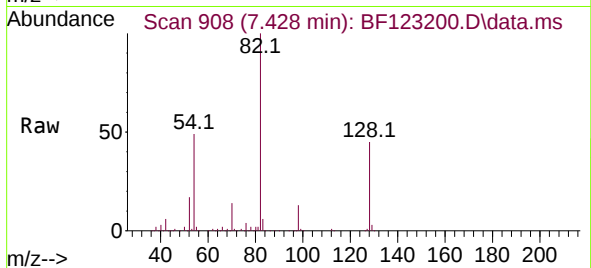
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.5	8.3
68	5.3	4.6	6.8



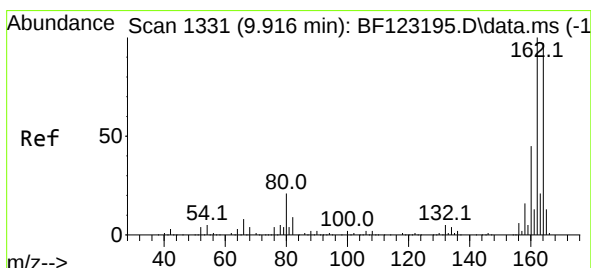
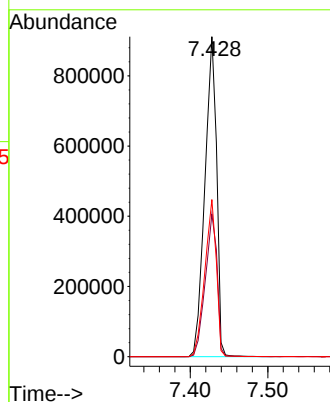
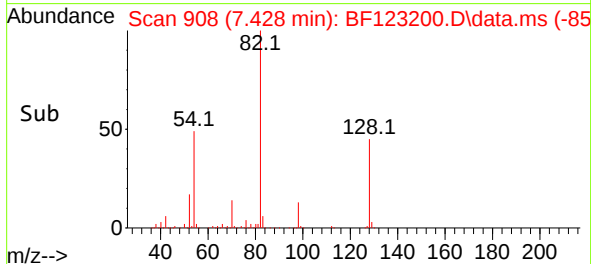


#23
Nitrobenzene-d5
Concen: 82.17 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

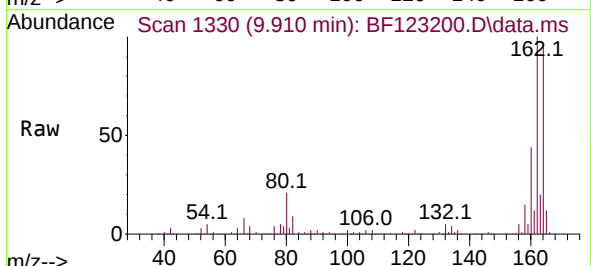
Instrument :
BNA_F
ClientSampleId :
PB134609BL



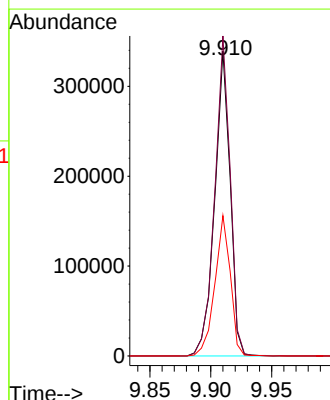
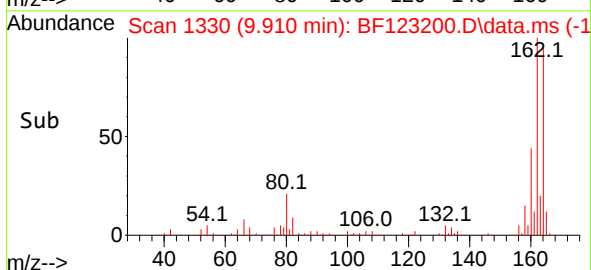
Tgt Ion: 82 Resp: 958976
Ion Ratio Lower Upper
82 100
128 44.6 37.0 55.4
54 49.1 38.4 57.6

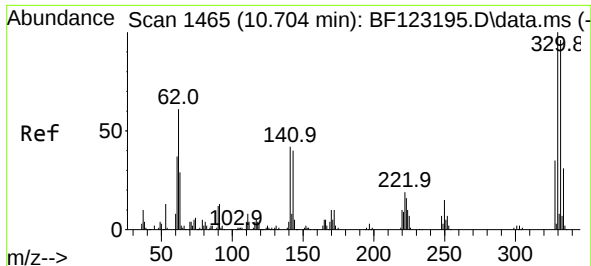


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03



Tgt Ion: 164 Resp: 299394
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 46.1 35.4 53.0

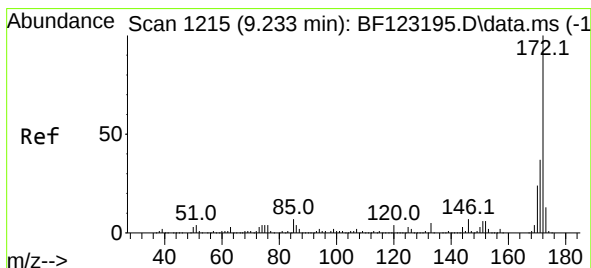
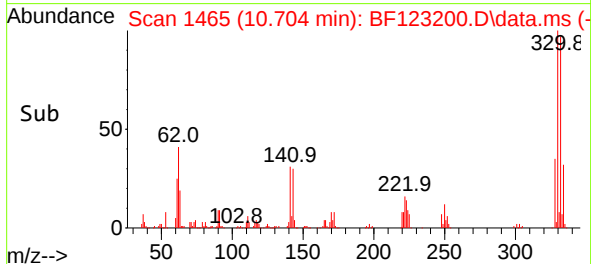
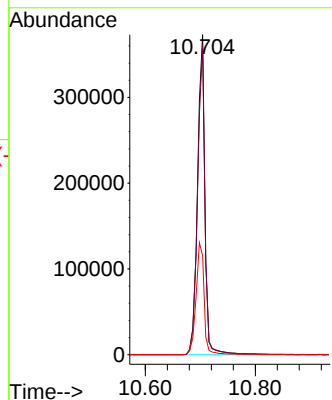
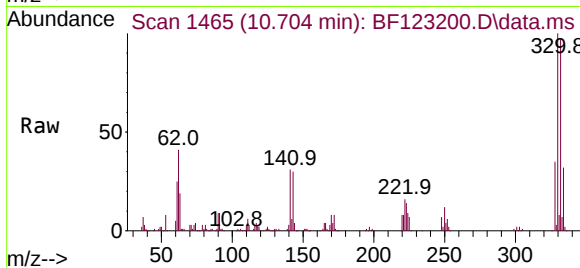




#42
2,4,6-Tribromophenol
Concen: 107.57 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

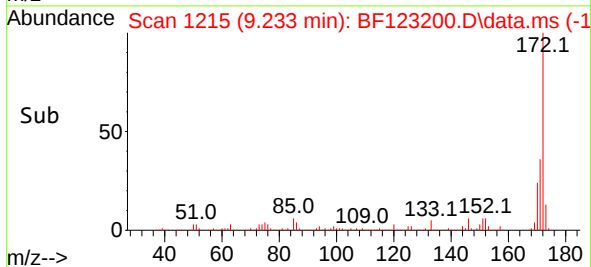
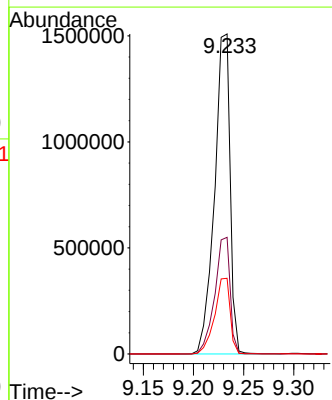
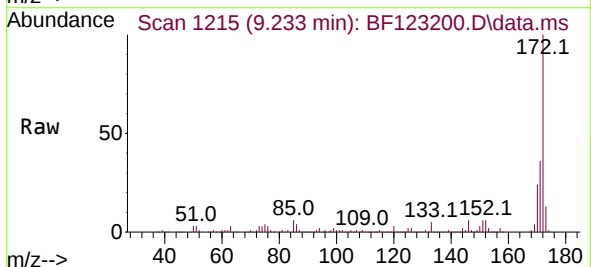
Instrument :
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ClientSampleId :
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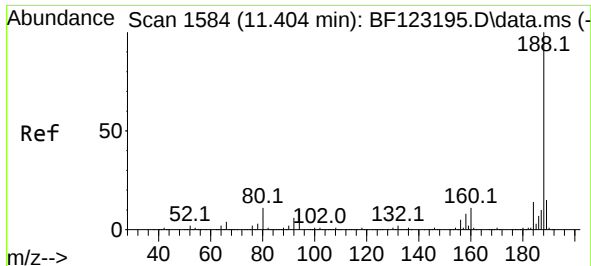
Tgt Ion:330 Resp: 347820
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 38.4 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 81.51 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

Tgt Ion:172 Resp: 1633033
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.6 19.5 29.3

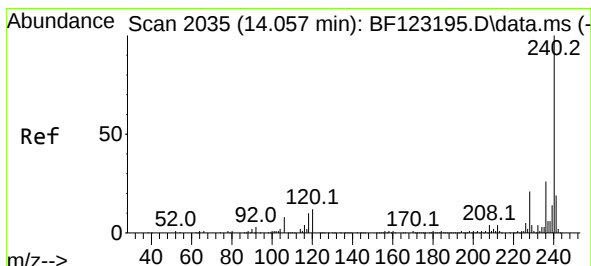
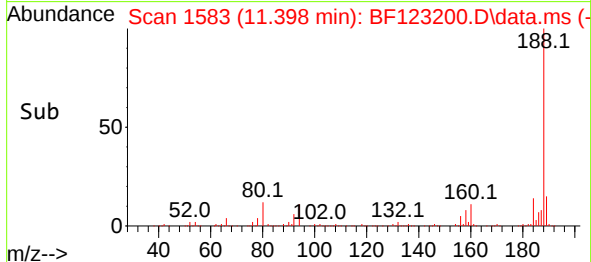
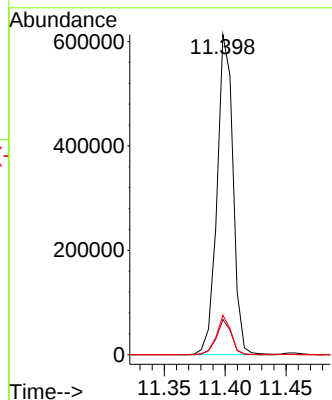
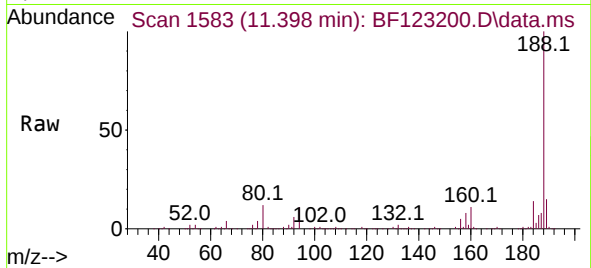




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

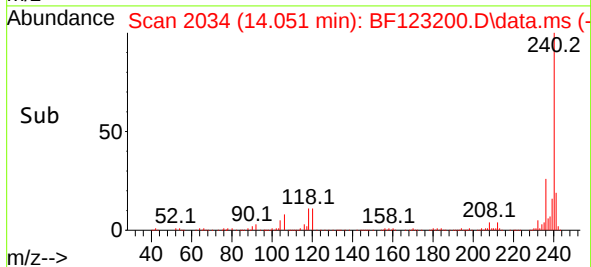
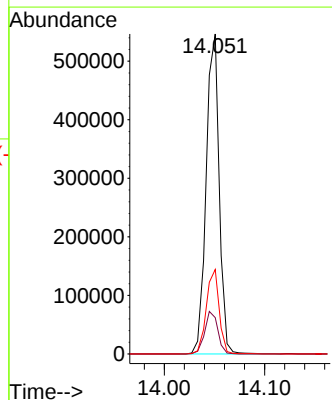
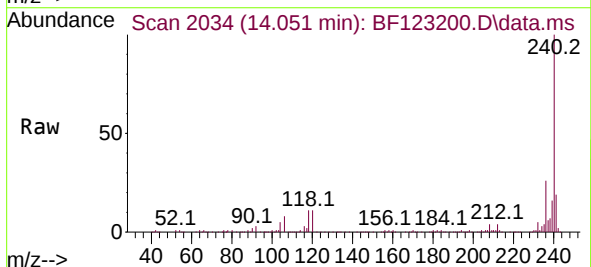
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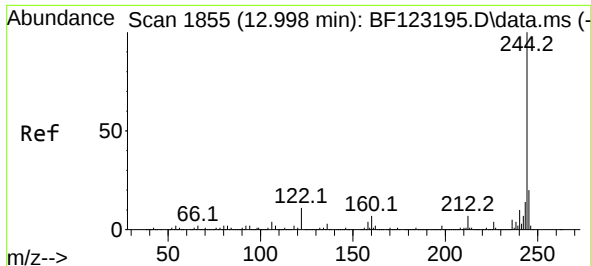
Tgt Ion:188 Resp: 561840
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 12.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123200.D
Acq: 12 Feb 2021 17:03

Tgt Ion:240 Resp: 494843
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 26.4 20.3 30.5

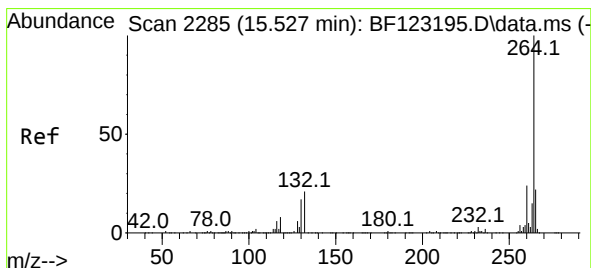
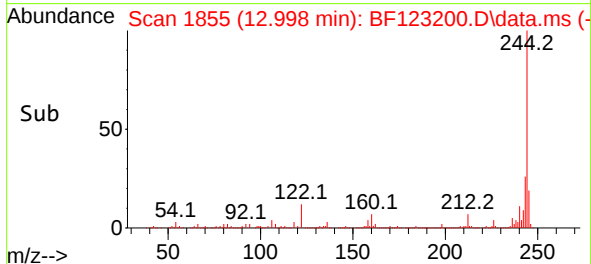
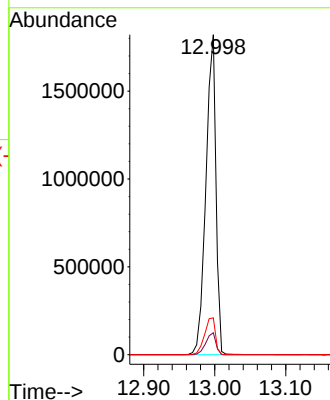
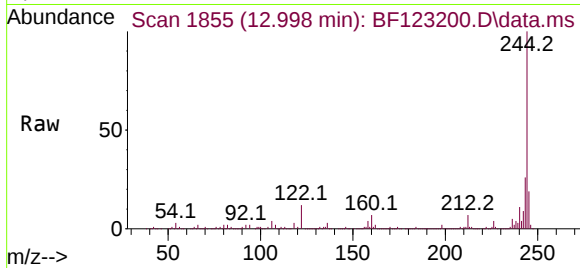




#79
 Terphenyl-d14
 Concen: 72.54 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: BF123200.D
 Acq: 12 Feb 2021 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB134609BL

Tgt Ion:244 Resp: 1791080
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: BF123200.D
 Acq: 12 Feb 2021 17:03

Tgt Ion:264 Resp: 481921
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.3 17.0 25.6

