

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123070.D
 Acq On : 28 Jan 2021 20:46
 Operator : JU/CG
 Sample : M1251-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200010

Quant Time: Jan 28 23:43:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

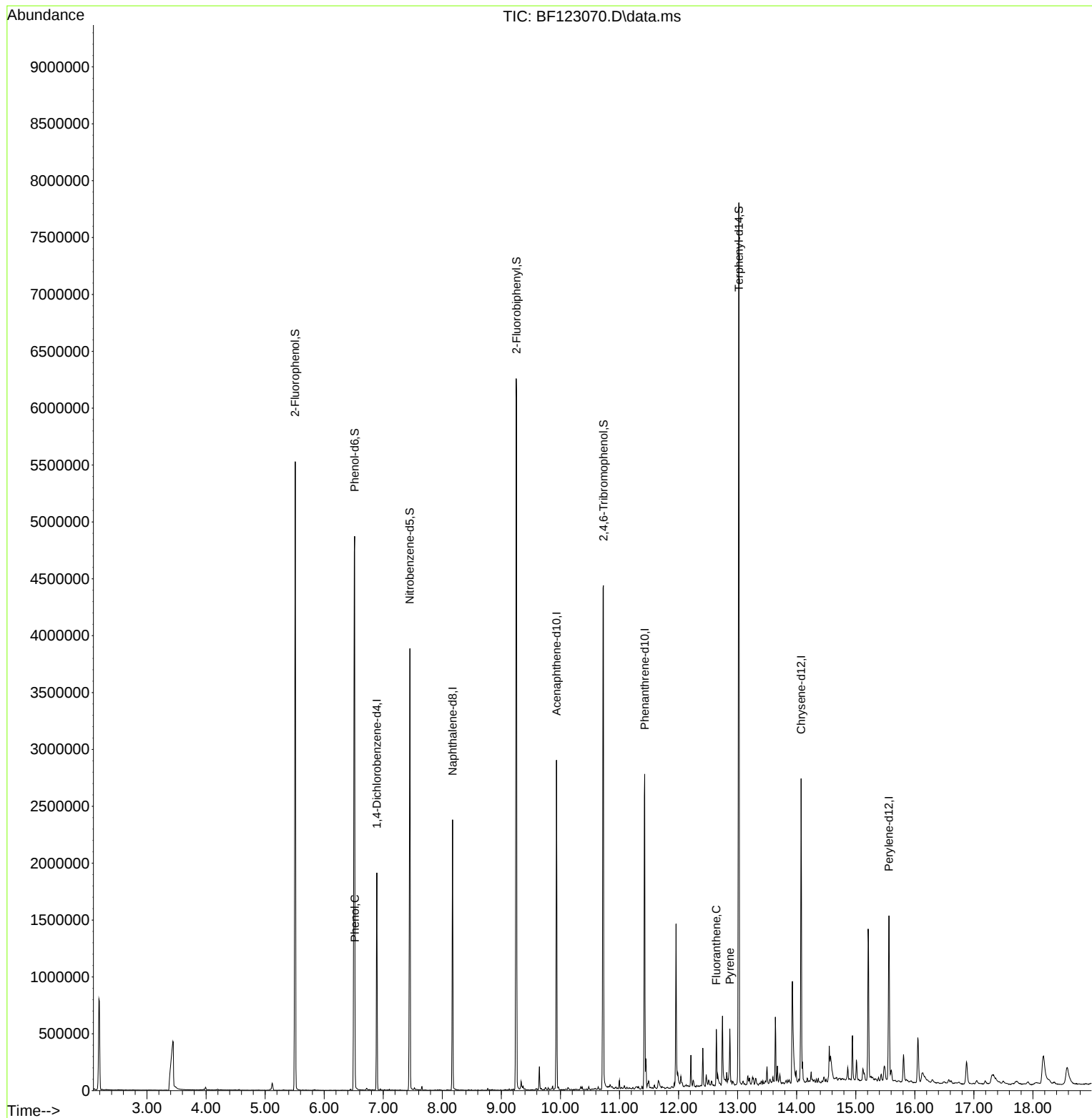
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	264110	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1027331	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	563069	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1029809	20.00	ng	0.00
76) Chrysene-d12	14.074	240	821072	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	643693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1613809	94.26	ng	0.00
7) Phenol-d6	6.516	99	2039514	87.88	ng	0.00
23) Nitrobenzene-d5	7.451	82	1290021	63.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	614743	100.57	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2198249	58.04	ng	0.00
79) Terphenyl-d14	13.021	244	2490717	59.60	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	47005	2.04	ng	97
75) Fluoranthene	12.639	202	178318	2.79	ng	99
78) Pyrene	12.868	202	173707	2.80	ng	98

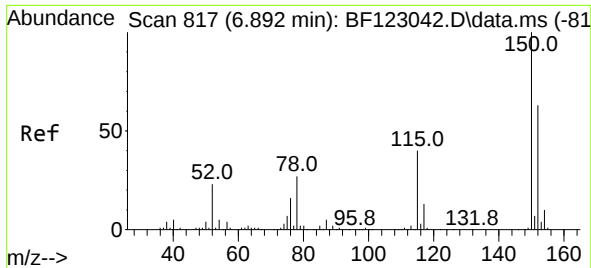
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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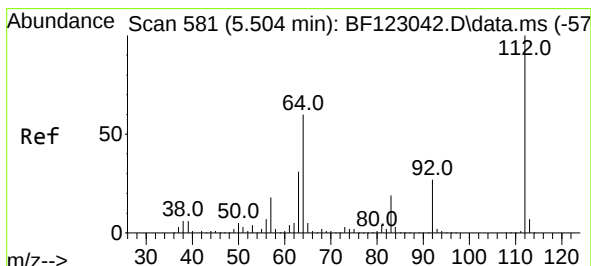
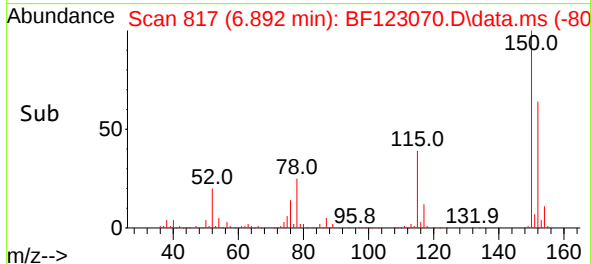
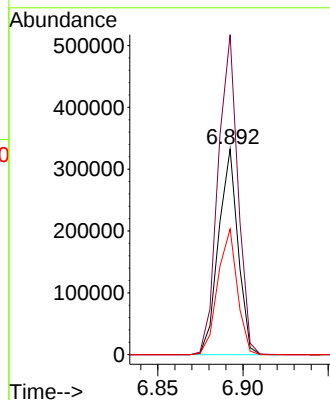
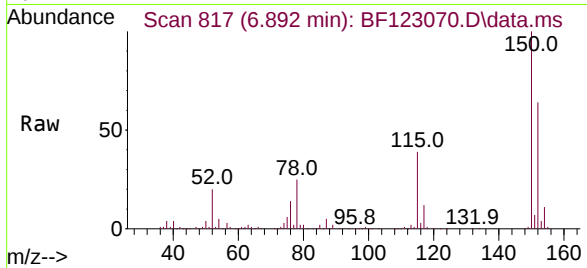




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

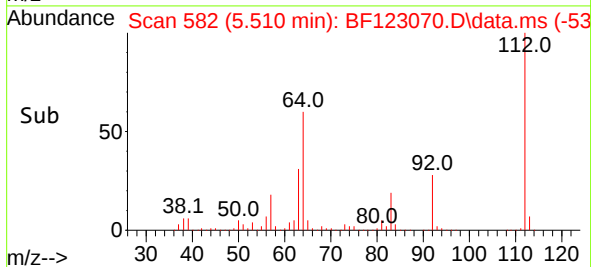
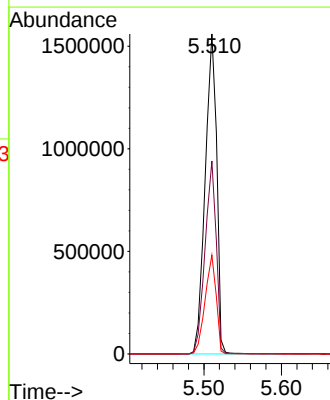
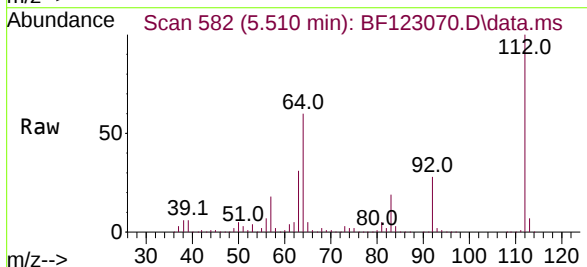
Instrument :
BNA_F
ClientSampleId :
200010

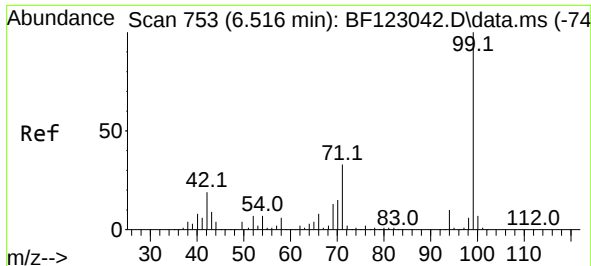
Tgt Ion:152 Resp: 264110
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 61.1 49.3 73.9



#5
2-Fluorophenol
Concen: 94.26 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:112 Resp: 1613809
Ion Ratio Lower Upper
112 100
64 60.3 46.9 70.3
63 30.9 24.5 36.7



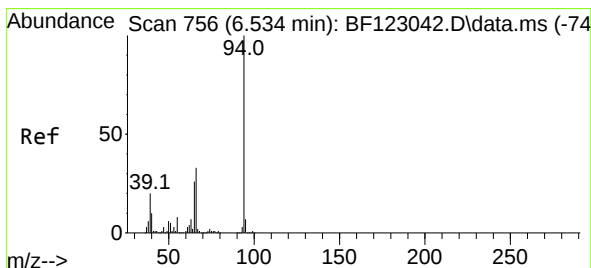
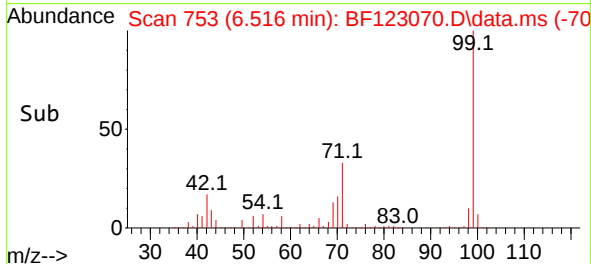
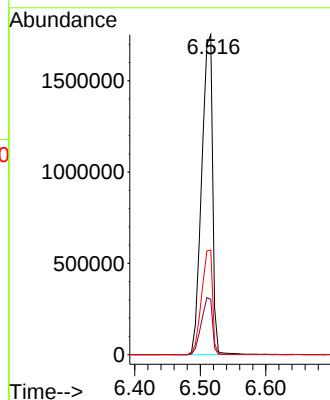
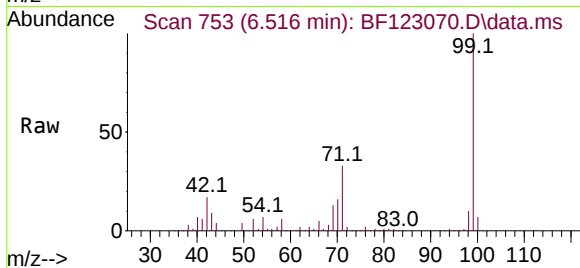


#7
Phenol-d6
Concen: 87.88 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Instrument :
BNA_F
ClientSampleId :
200010

Tgt Ion: 99 Resp: 2039514

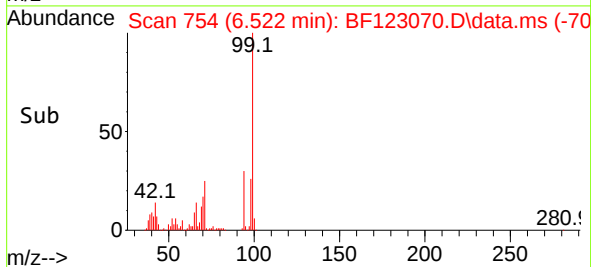
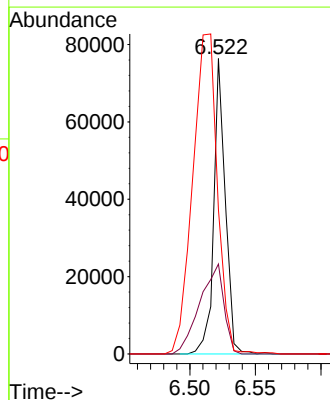
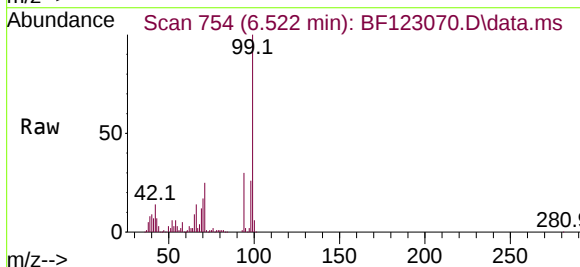
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	32.7	26.9	40.3

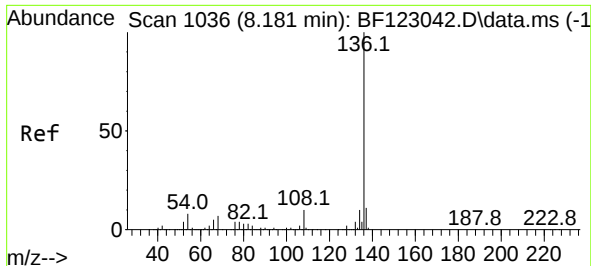


#10
Phenol
Concen: 2.04 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion: 94 Resp: 47005

Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.2	51.2
66	48.9	25.8	65.8



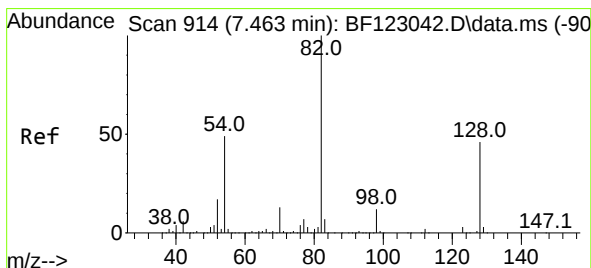
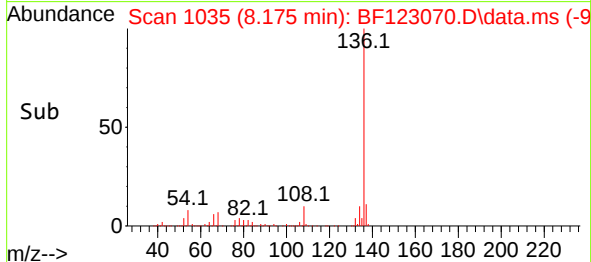
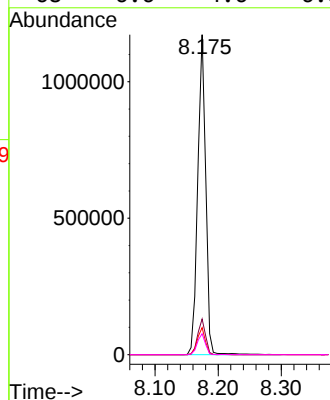
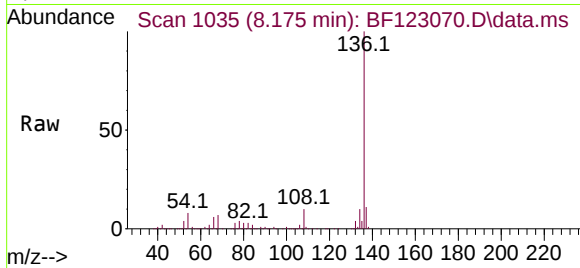


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Instrument :
BNA_F
ClientSampleId :
200010

Tgt Ion:136 Resp: 1027331

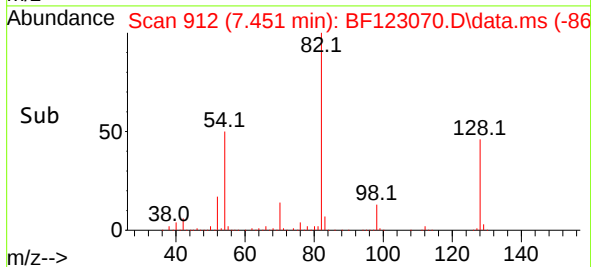
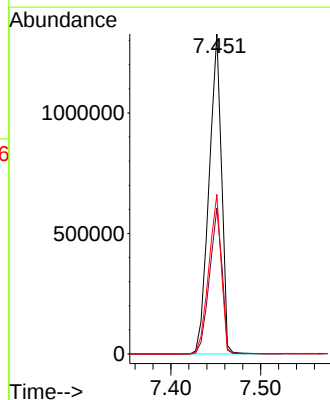
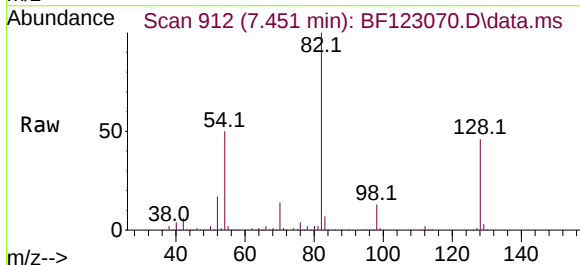
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.4	5.5	8.3#
68	6.6	4.6	6.8

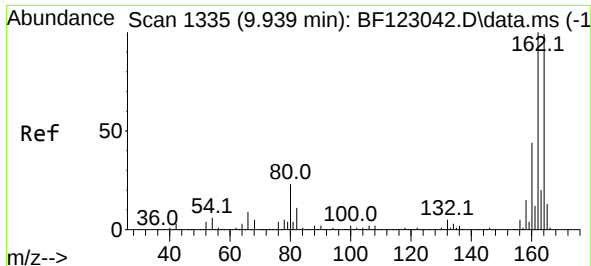


#23
Nitrobenzene-d5
Concen: 63.20 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion: 82 Resp: 1290021

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.0	55.4
54	49.8	38.4	57.6

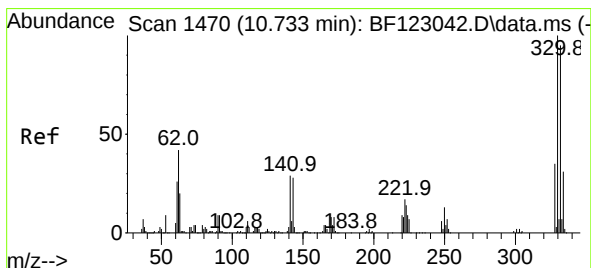
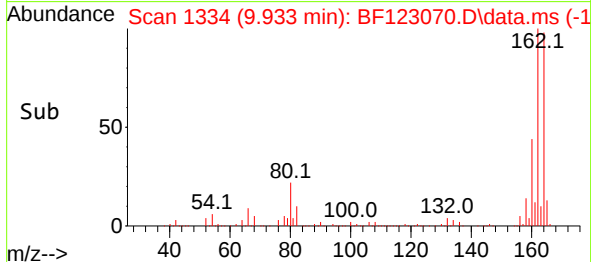
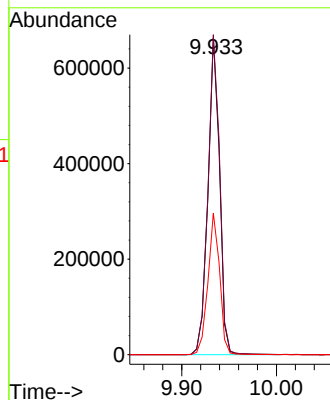
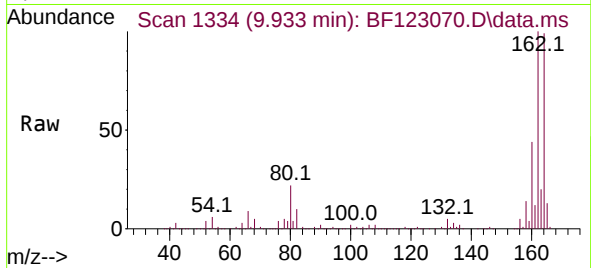




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

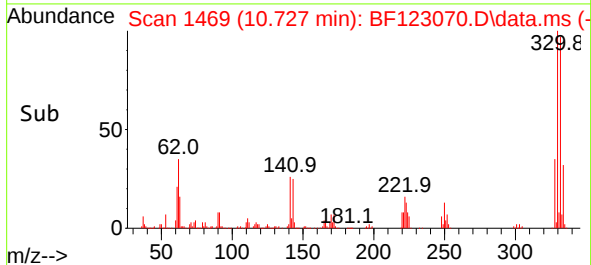
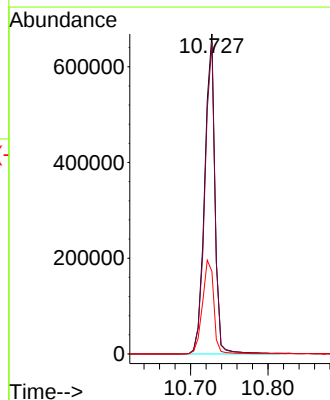
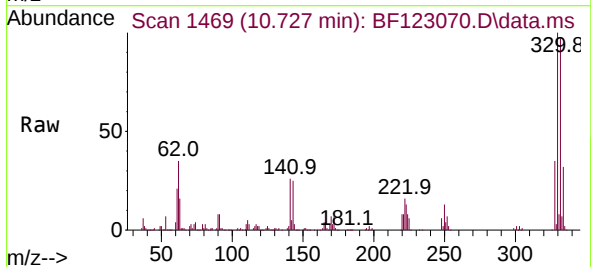
Instrument :
BNA_F
ClientSampleId :
200010

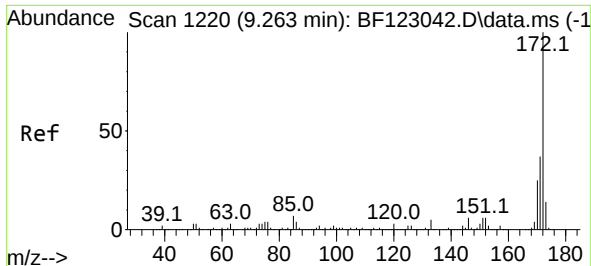
Tgt Ion:164 Resp: 563069
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 100.57 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:330 Resp: 614743
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 32.5 23.8 35.8

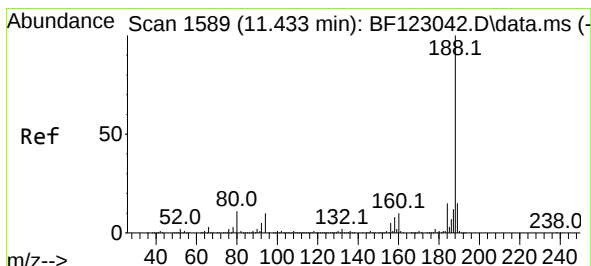
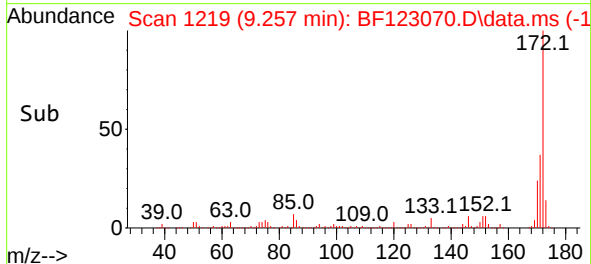
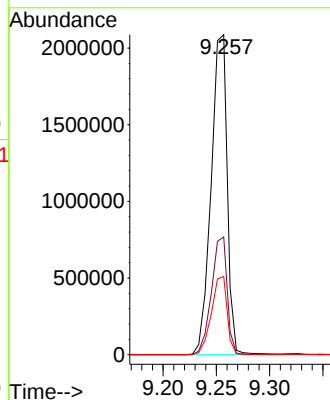
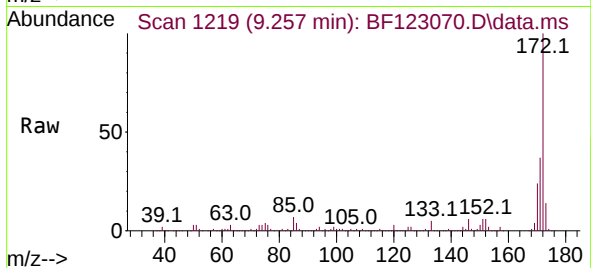




#45
2-Fluorobiphenyl
Concen: 58.04 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

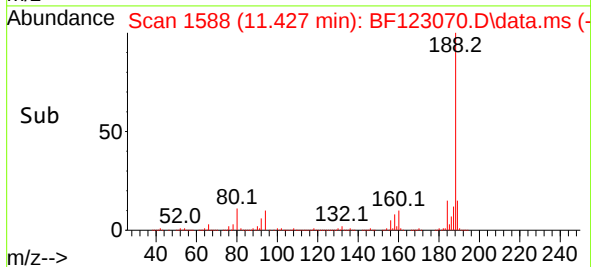
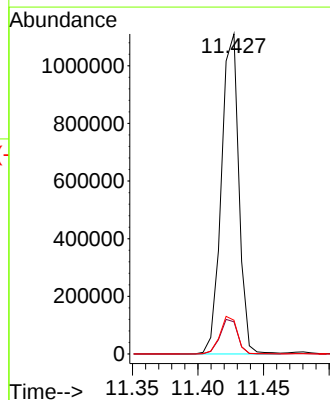
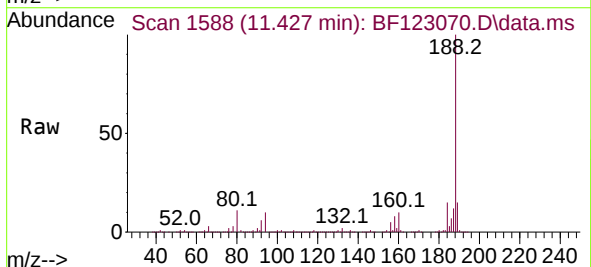
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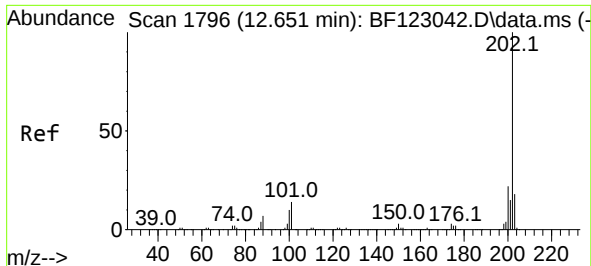
Tgt Ion:172 Resp: 2198249
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.5 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:188 Resp: 1029809
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.5 8.2 12.4

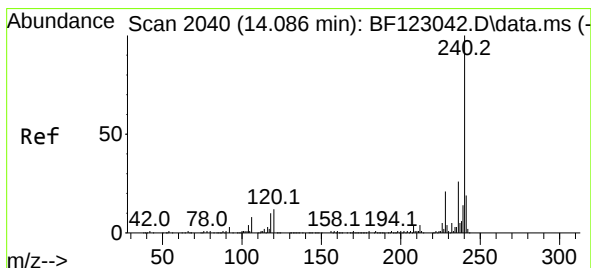
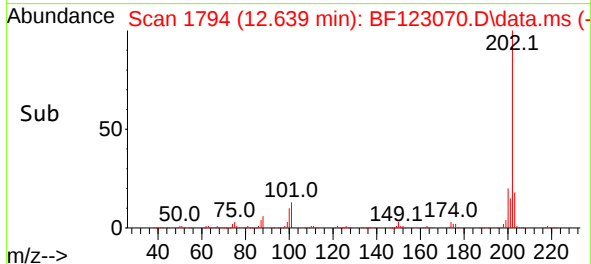
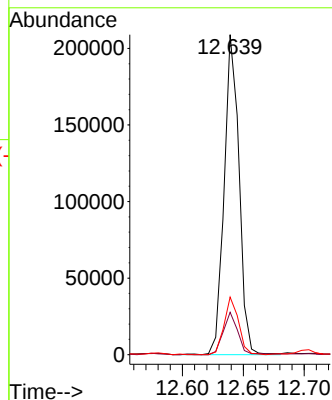
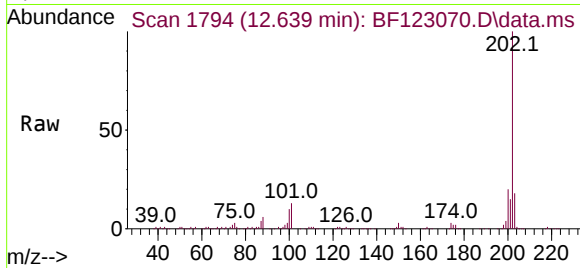




#75
Fluoranthene
Concen: 2.79 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

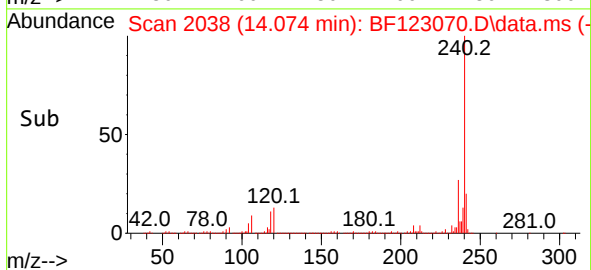
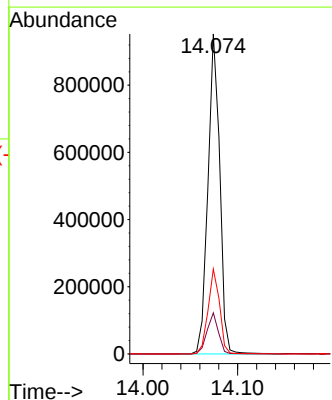
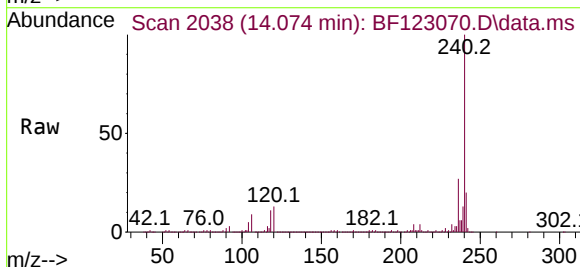
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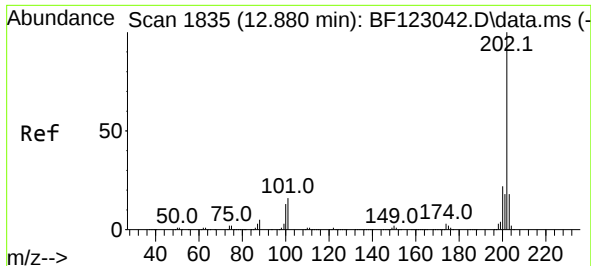
Tgt Ion:202 Resp: 178318
Ion Ratio Lower Upper
202 100
101 13.2 0.0 32.2
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:240 Resp: 821072
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 26.6 20.3 30.5

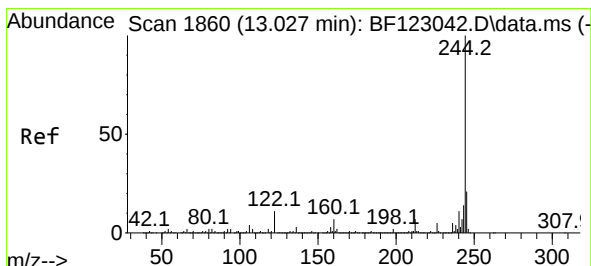
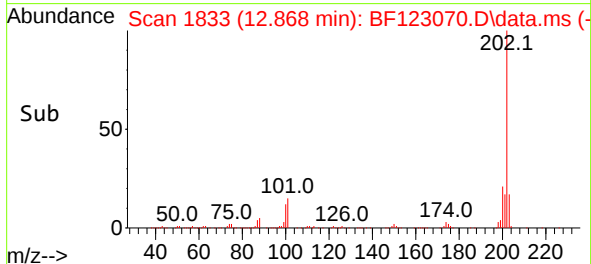
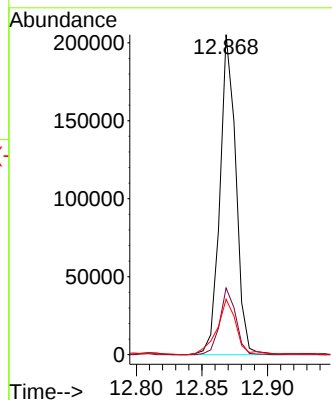
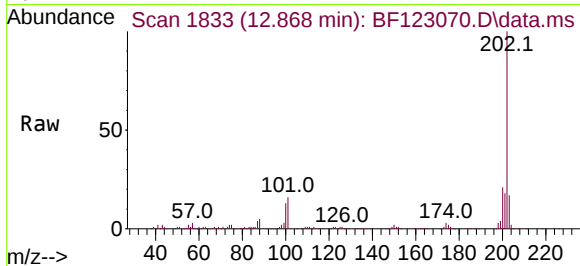




#78
Pyrene
Concen: 2.80 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

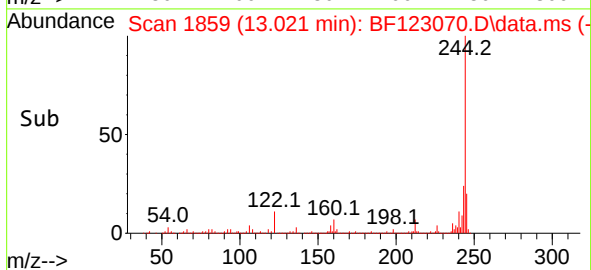
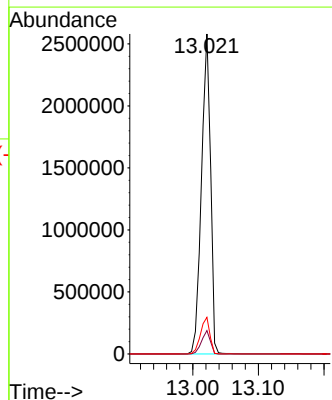
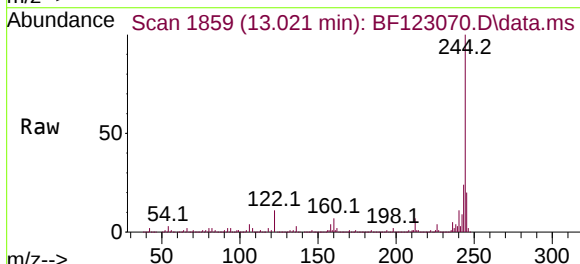
Instrument :
BNA_F
ClientSampleId :
200010

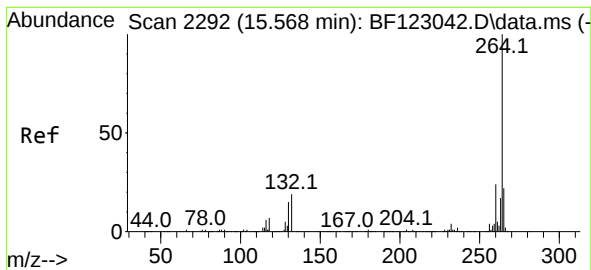
Tgt Ion:202 Resp: 173707
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 17.3 14.6 21.8



#79
Terphenyl-d14
Concen: 59.60 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

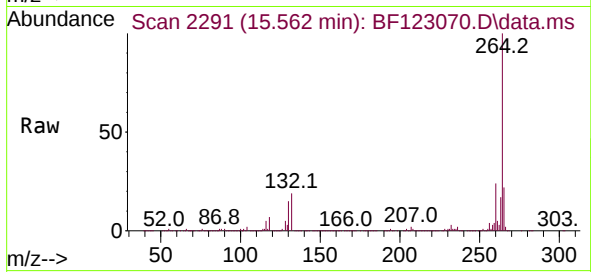
Tgt Ion:244 Resp: 2490717
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.4 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Instrument :
BNA_F
ClientSampleId :
200010



Tgt Ion:264 Resp: 643693

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.0	17.0	25.6

