

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123390.D
 Acq On : 18 Mar 2021 18:51
 Operator : JU/CG
 Sample : M1694-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-W

Quant Time: Mar 19 00:19:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

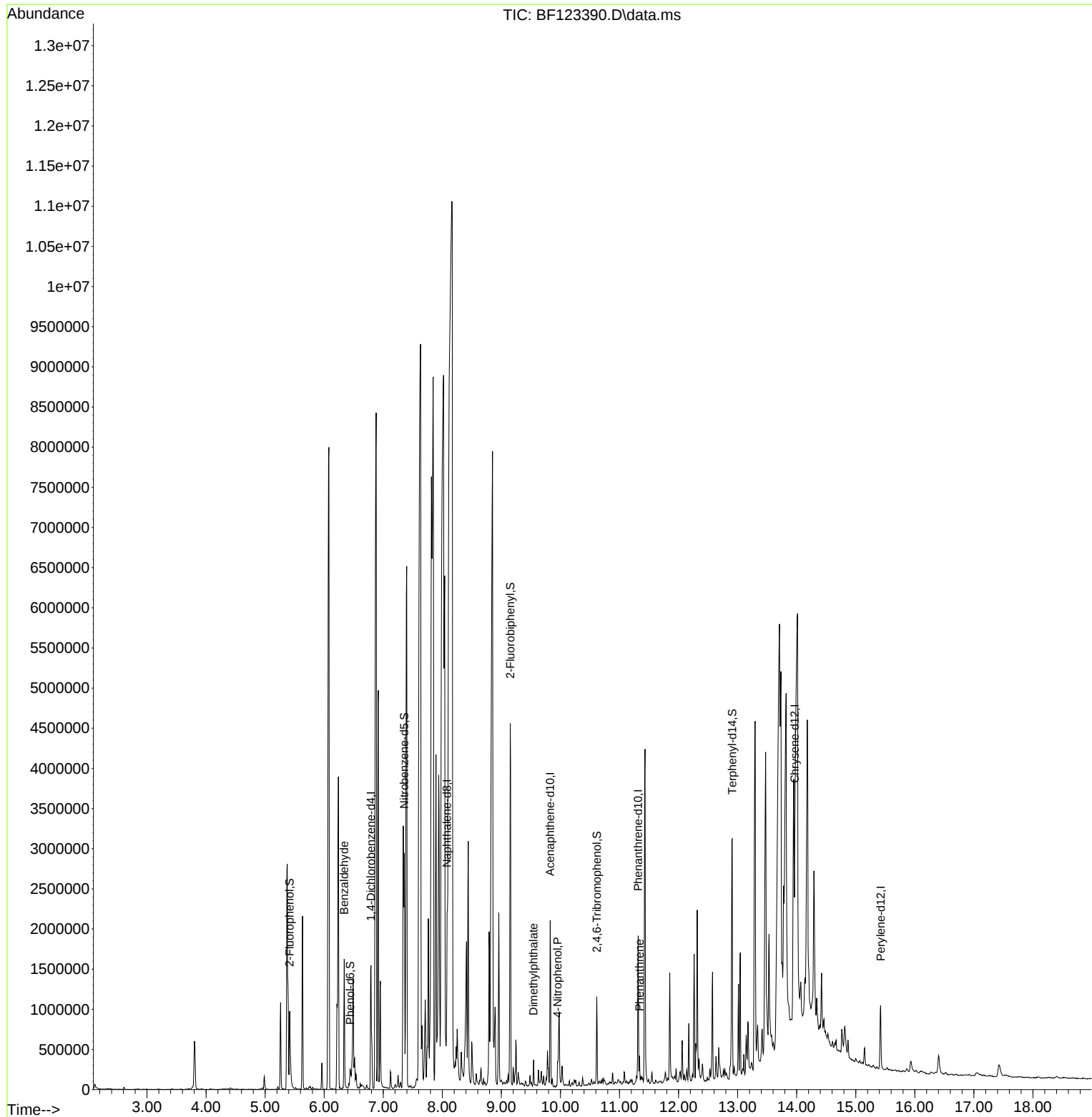
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	206134	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	942556	20.00	ng	# 0.00
39) Acenaphthene-d10	9.828	164	411288	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	603473	20.00	ng	# 0.00
76) Chrysene-d12	13.968	240	255037	20.00	ng	# 0.00
86) Perylene-d12	15.421	264	321492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	413942	28.52	ng	0.00
7) Phenol-d6	6.440	99	96515	5.12	ng	0.00
23) Nitrobenzene-d5	7.357	82	1055773	65.79	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	98318	34.20	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1541550	75.50	ng	0.00
79) Terphenyl-d14	12.910	244	1075697	82.13	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.340	77	301642	34.13	ng	96
50) Dimethylphthalate	9.545	163	112484	3.87	ng	99
56) 4-Nitrophenol	9.951	139	52077	8.99	ng	# 53
71) Phenanthrene	11.339	178	114623	3.11	ng	98

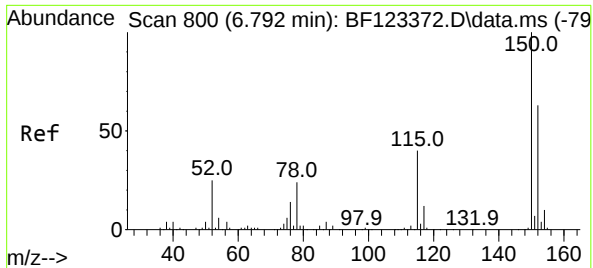
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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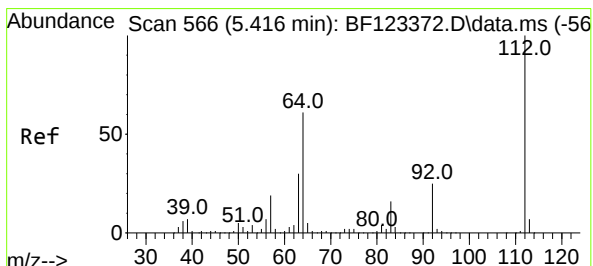
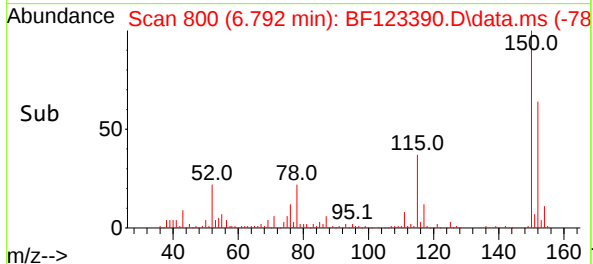
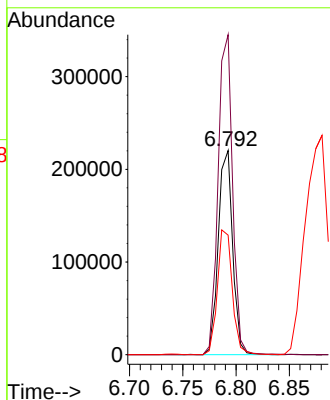
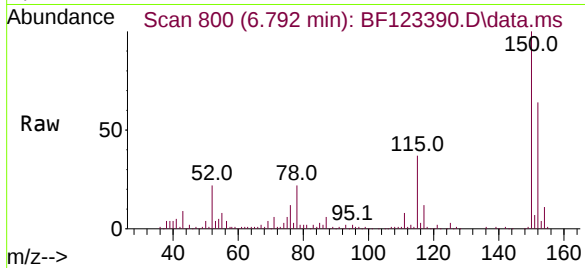




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

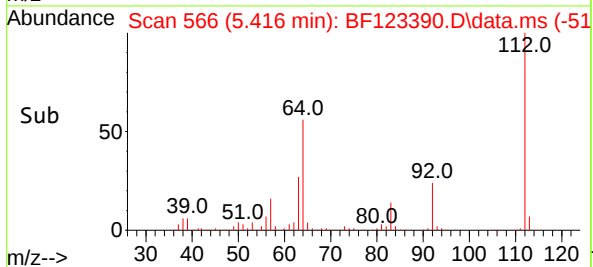
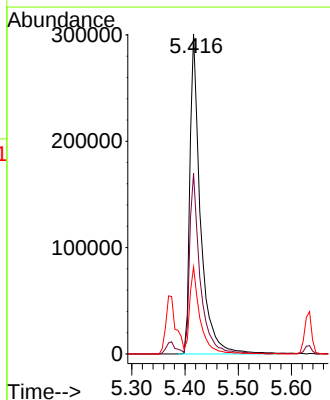
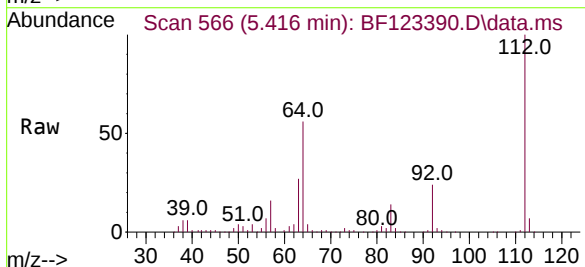
Instrument :
BNA_F
ClientSampleId :
JG-W

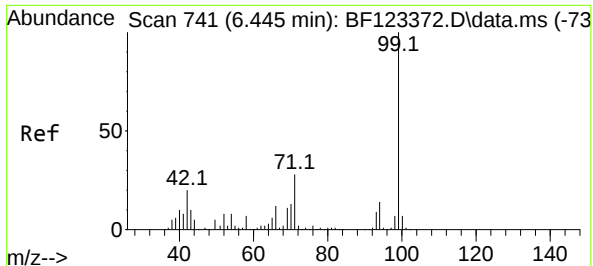
Tgt Ion:152 Resp: 206134
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 58.5 49.3 73.9



#5
2-Fluorophenol
Concen: 28.52 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:112 Resp: 413942
Ion Ratio Lower Upper
112 100
64 56.4 46.9 70.3
63 27.2 24.5 36.7

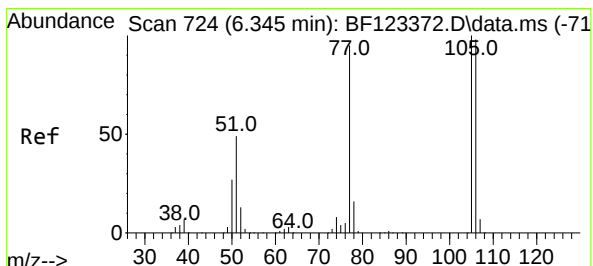
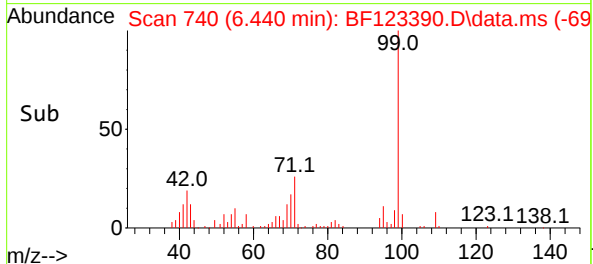
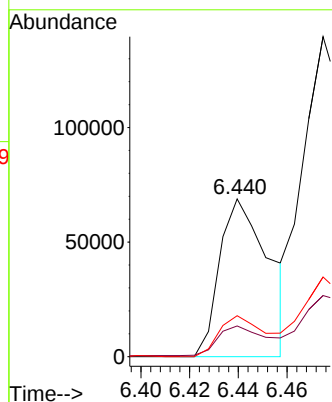
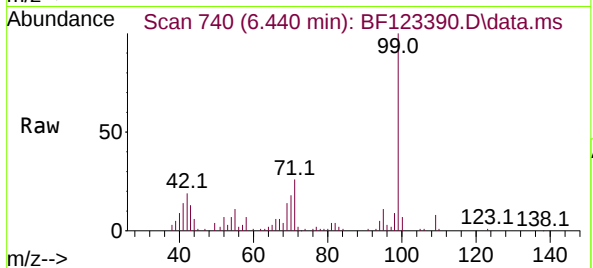




#7
Phenol-d6
Concen: 5.12 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.005 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

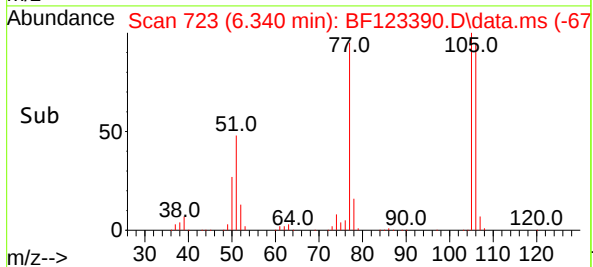
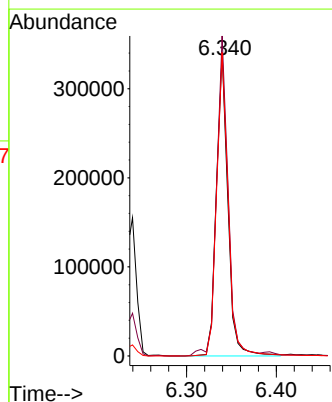
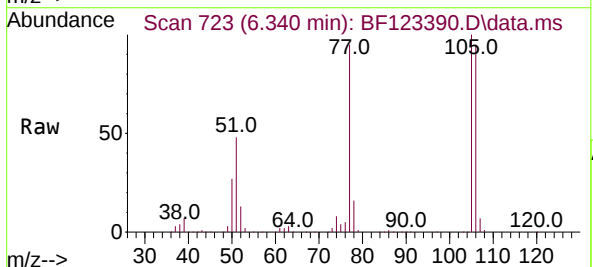
Instrument :
BNA_F
ClientSampleId :
JG-W

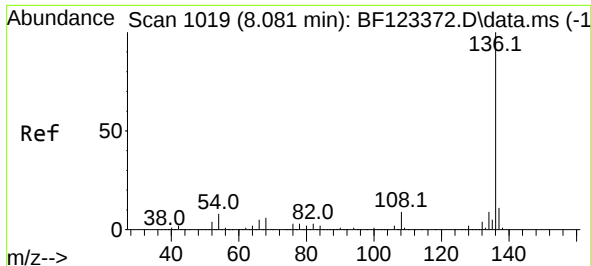
Tgt Ion: 99 Resp: 96515
Ion Ratio Lower Upper
99 100
42 19.4 13.8 20.6
71 26.0 26.9 40.3#



#9
Benzaldehyde
Concen: 34.13 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.005 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion: 77 Resp: 301642
Ion Ratio Lower Upper
77 100
105 105.5 80.6 120.6
106 100.0 77.2 117.2



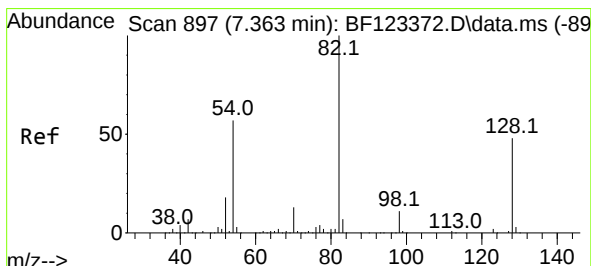
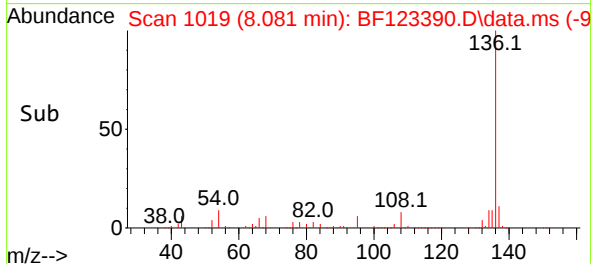
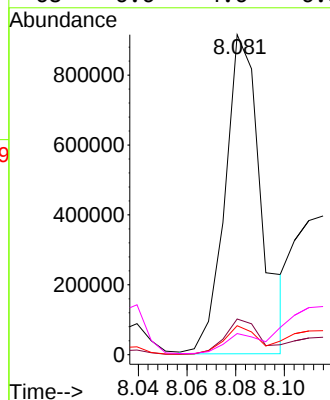
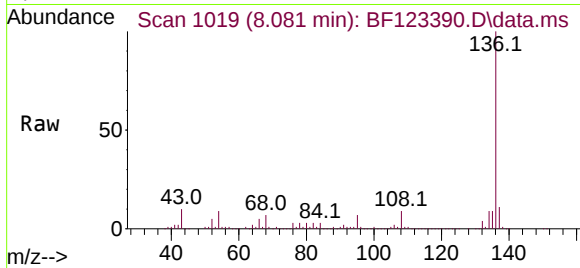


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Instrument :
BNA_F
ClientSampled :
JG-W

Tgt Ion:136 Resp: 942556

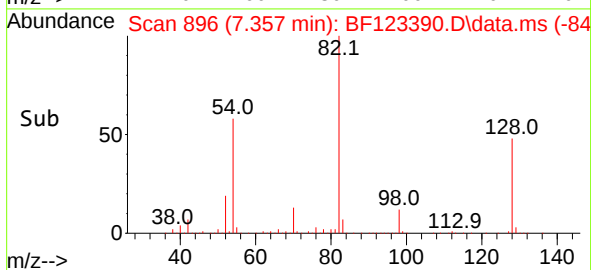
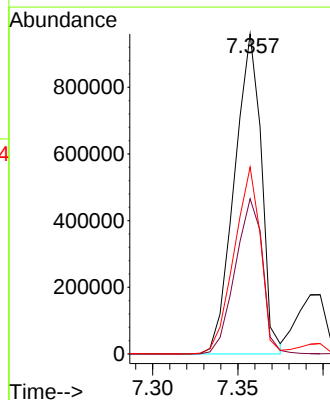
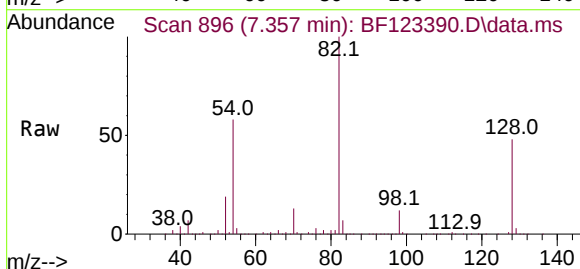
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.1	5.5	8.3#
68	6.6	4.6	6.8

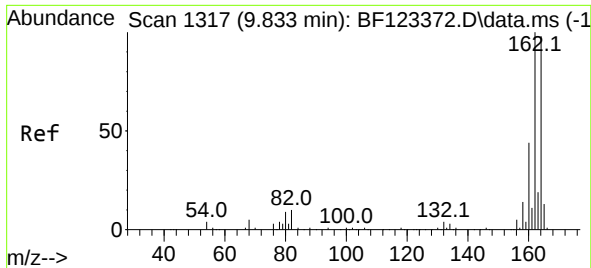


#23
Nitrobenzene-d5
Concen: 65.79 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion: 82 Resp: 1055773

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.0	55.4
54	58.4	38.4	57.6#

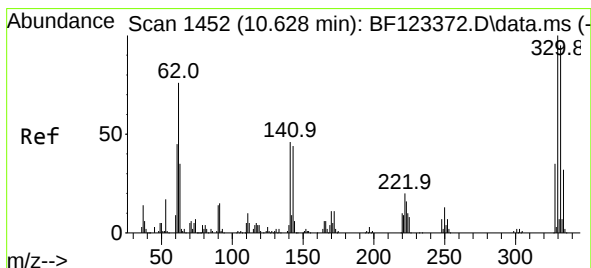
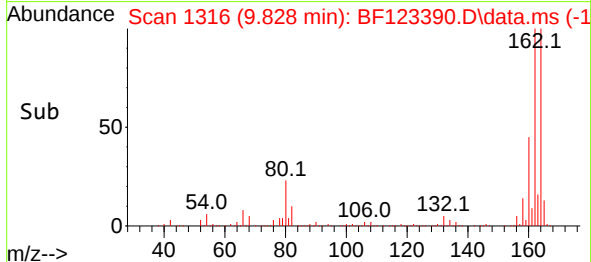
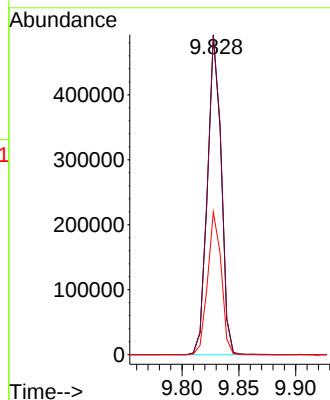
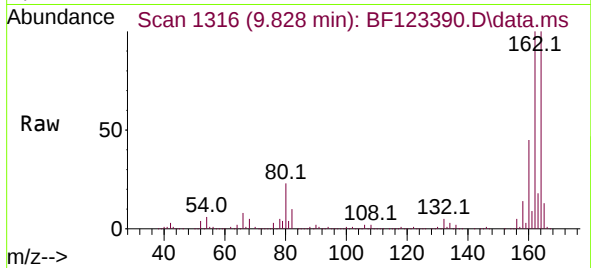




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

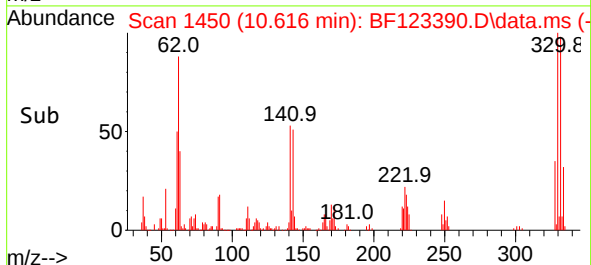
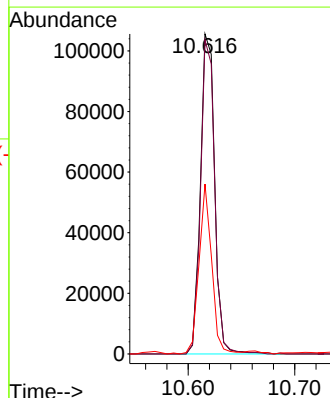
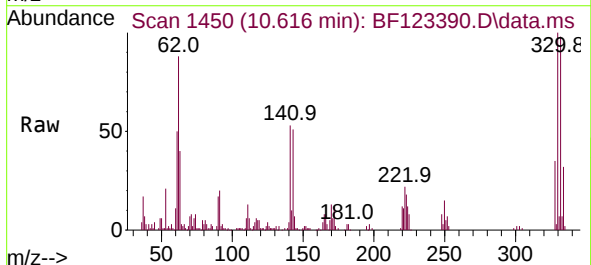
Instrument :
BNA_F
ClientSampleId :
JG-W

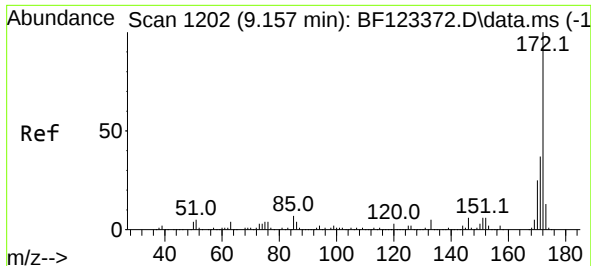
Tgt Ion:164 Resp: 411288
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 34.20 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:330 Resp: 98318
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 47.3 23.8 35.8#

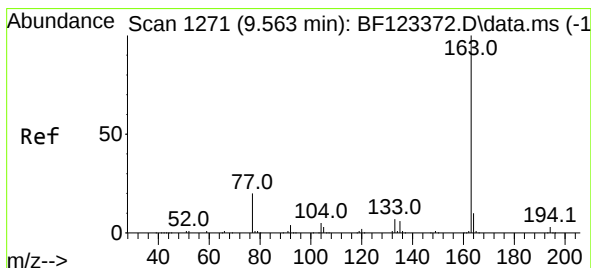
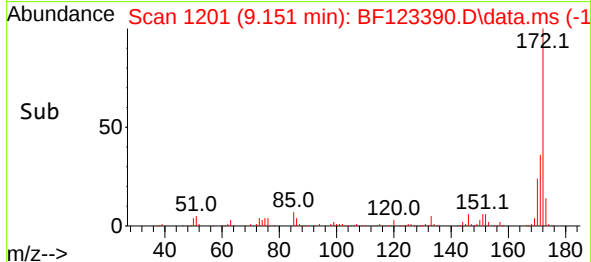
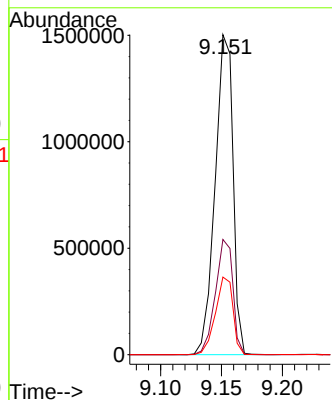
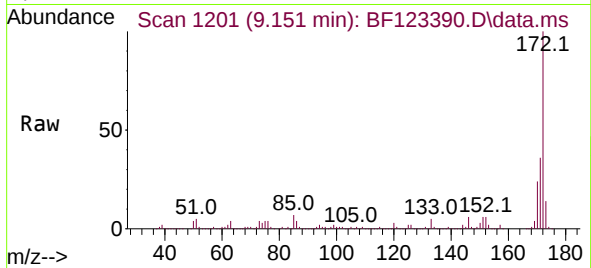




#45
2-Fluorobiphenyl
Concen: 75.50 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

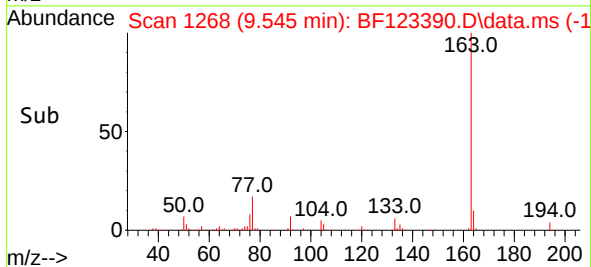
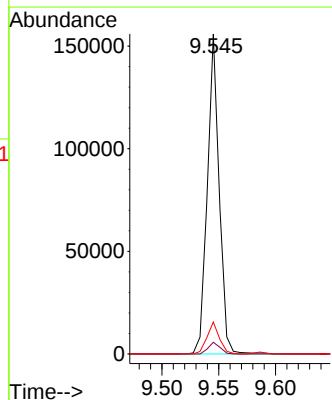
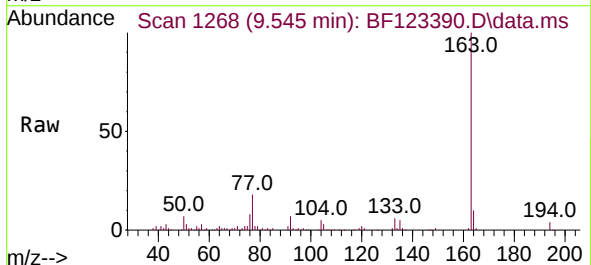
Instrument :
BNA_F
ClientSampled :
JG-W

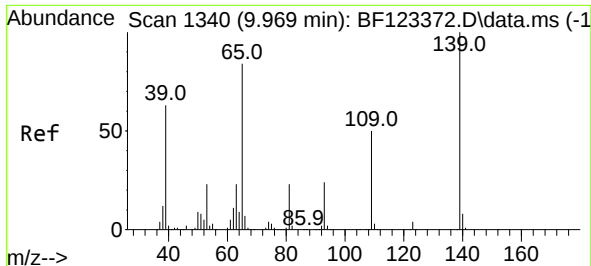
Tgt Ion:172 Resp: 1541550
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 3.87 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:163 Resp: 112484
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.0 8.1 12.1

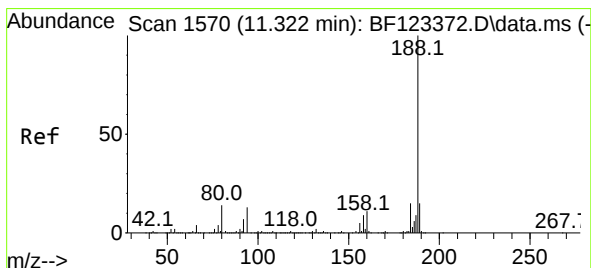
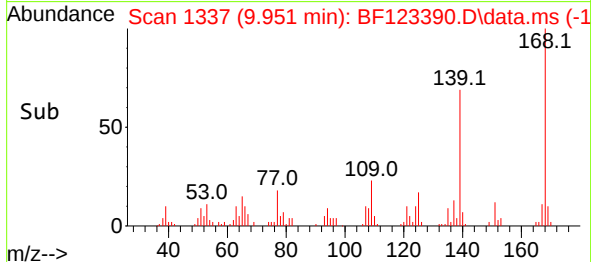
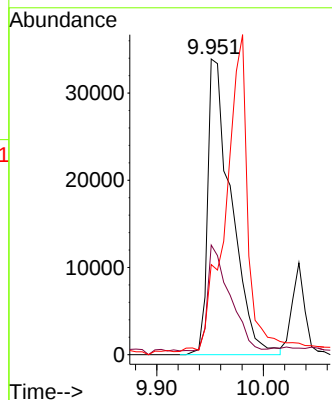
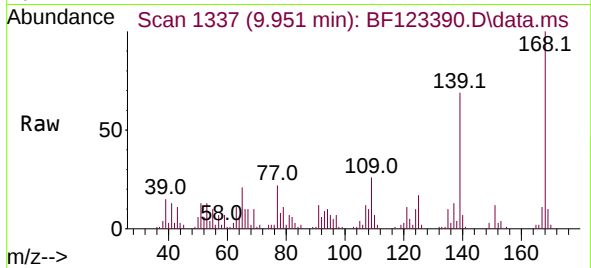




#56
4-Nitrophenol
Concen: 8.99 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.018 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

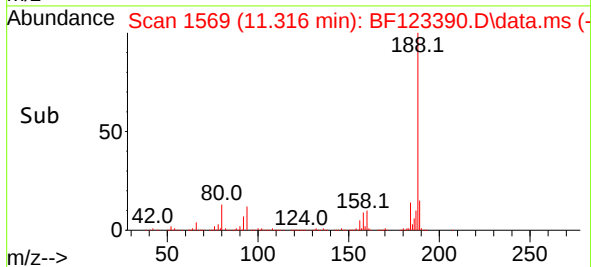
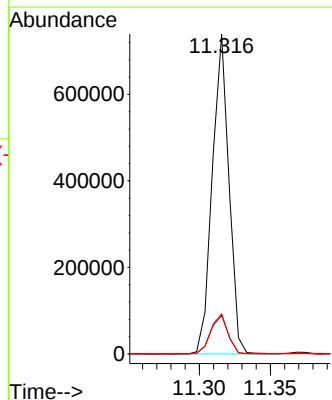
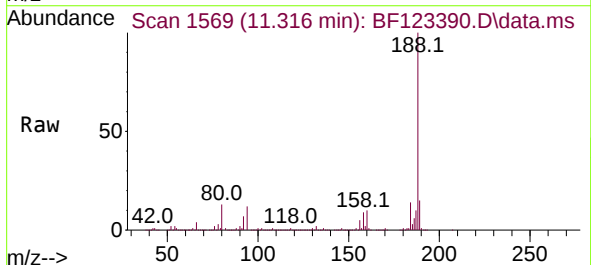
Instrument :
BNA_F
ClientSampled :
JG-W

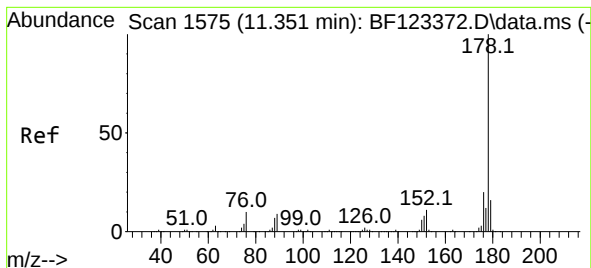
Tgt Ion:139 Resp: 52077
Ion Ratio Lower Upper
139 100
109 37.0 45.1 85.1#
65 30.5 59.2 99.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:188 Resp: 603473
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 12.6 8.2 12.4#

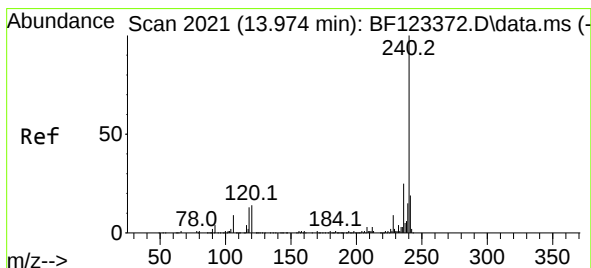
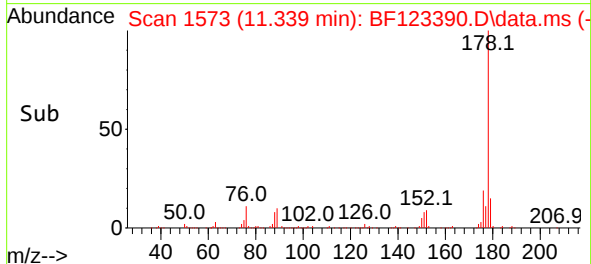
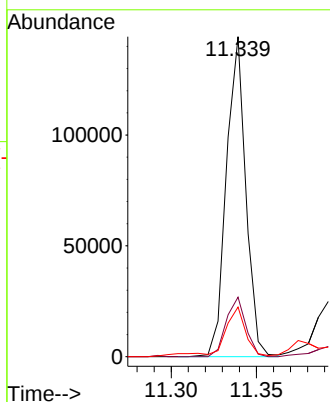
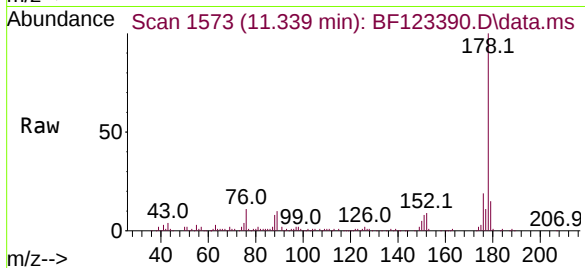




#71
Phenanthrene
Concen: 3.11 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

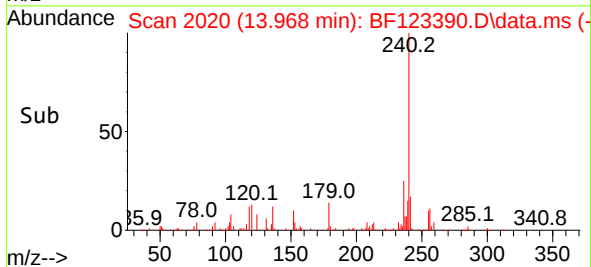
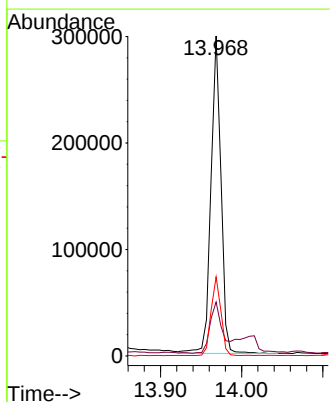
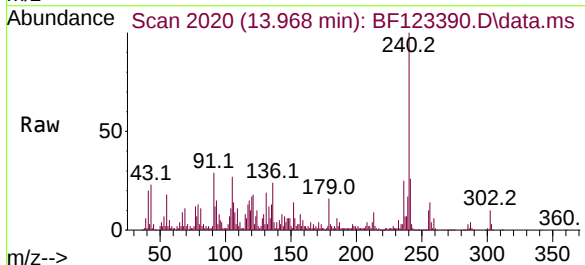
Instrument :
BNA_F
ClientSampled :
JG-W

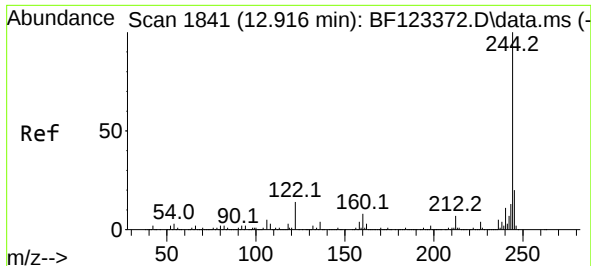
Tgt Ion:178 Resp: 114623
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.2
179 15.5 12.7 19.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:240 Resp: 255037
Ion Ratio Lower Upper
240 100
120 16.8 8.6 12.8#
236 24.7 20.3 30.5

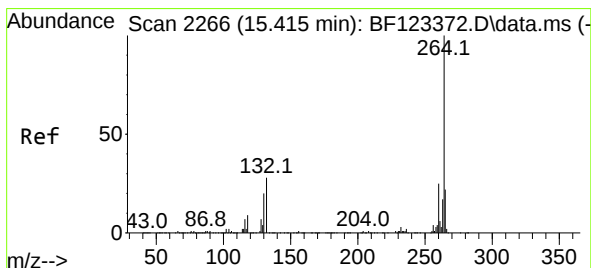
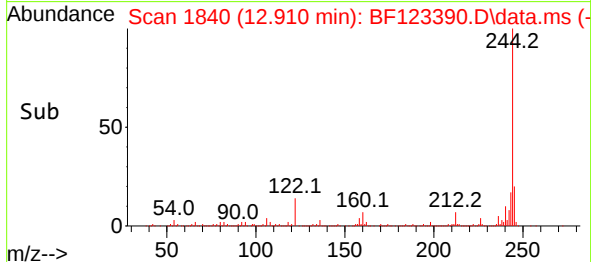
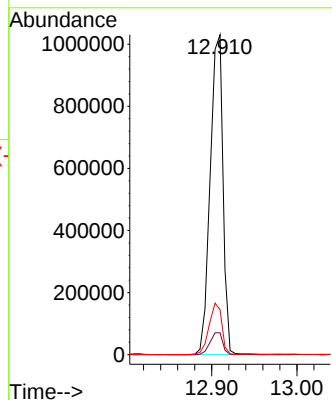
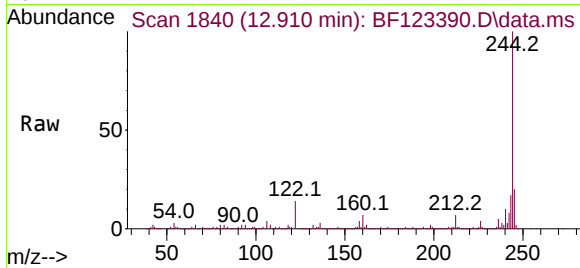




#79
Terphenyl-d14
Concen: 82.13 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Instrument :
BNA_F
ClientSampleId :
JG-W

Tgt Ion:244 Resp: 1075697
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 14.1 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:264 Resp: 321492
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.0 17.0 25.6

