

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123798.D
 Acq On : 4 May 2021 1:26
 Operator : JU/CG
 Sample : M2237-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-043021

Quant Time: May 04 02:19:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

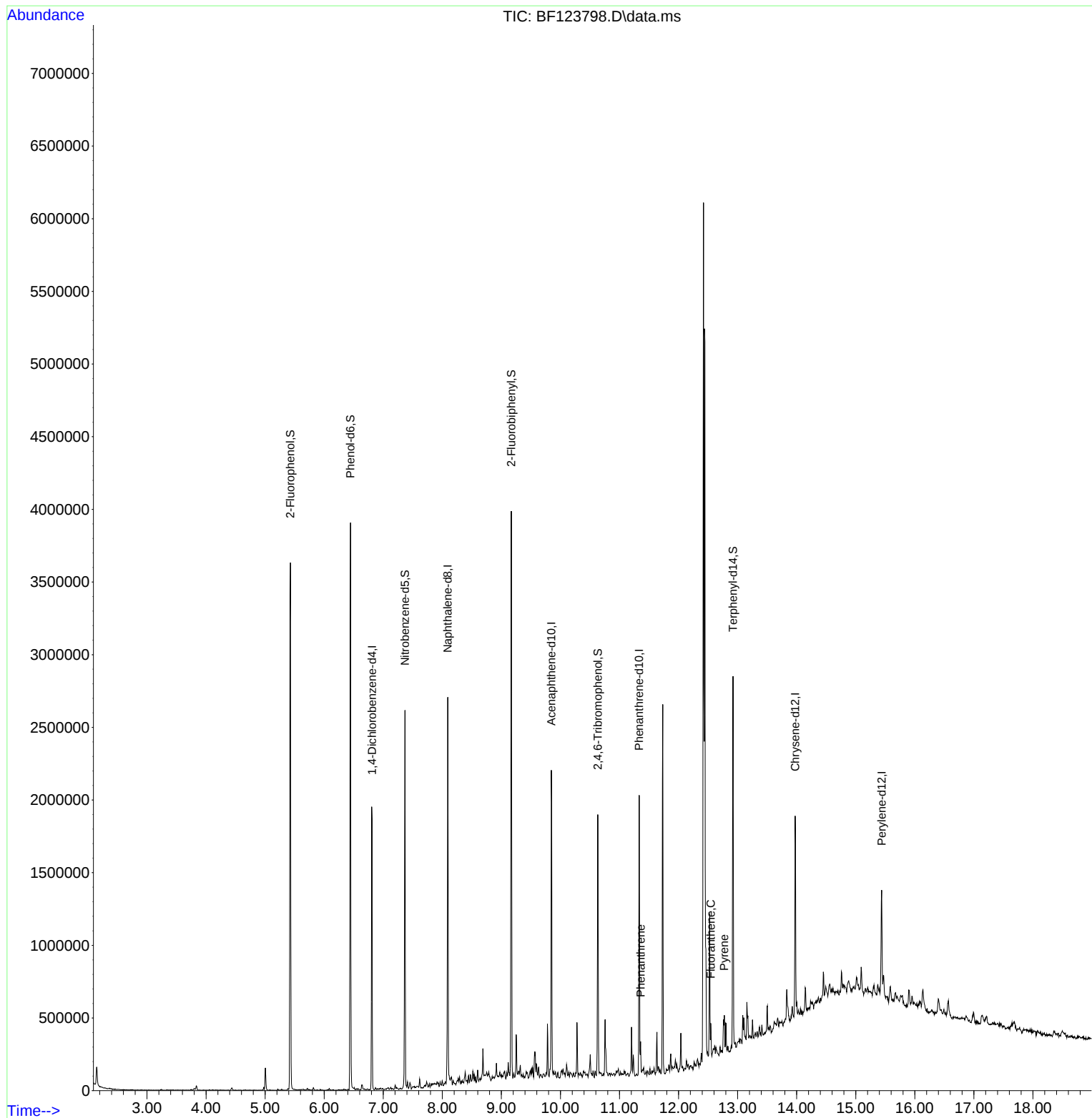
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	272694	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	964749	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	402456	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	626111	20.00	ng	0.00
76) Chrysene-d12	13.974	240	461421	20.00	ng	-0.01
86) Perylene-d12	15.439	264	339976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	805109	46.77	ng	0.00
7) Phenol-d6	6.445	99	1030887	43.48	ng	0.00
23) Nitrobenzene-d5	7.369	82	683841	32.00	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	182617	36.45	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	992319	35.91	ng	0.00
79) Terphenyl-d14	12.922	244	733889	30.63	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.357	178	72410	2.20	ng	99
75) Fluoranthene	12.545	202	88104	2.46	ng	95
78) Pyrene	12.774	202	97165	2.71	ng	97

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

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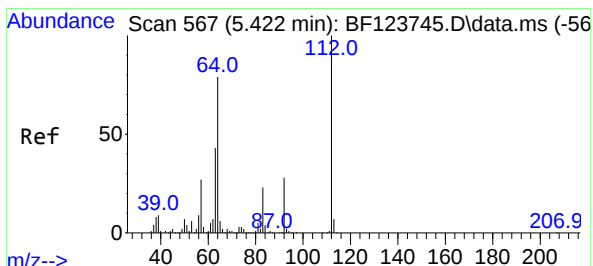
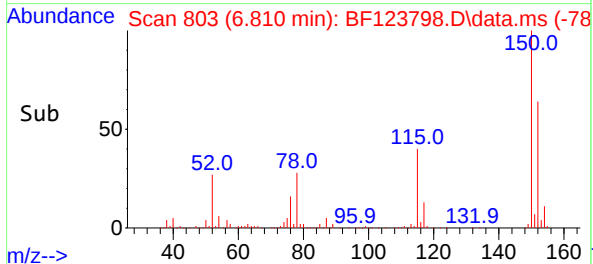
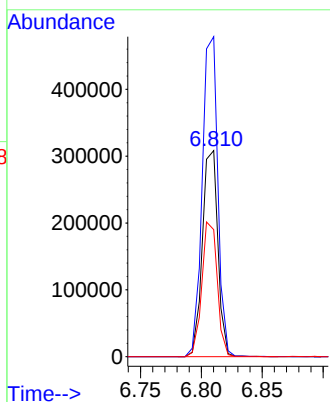
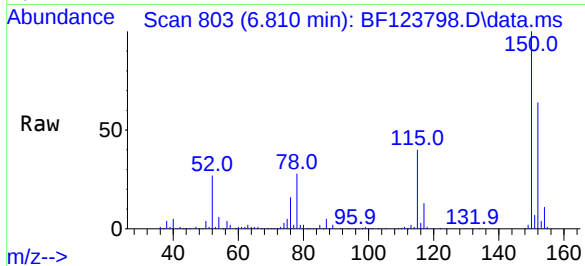




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

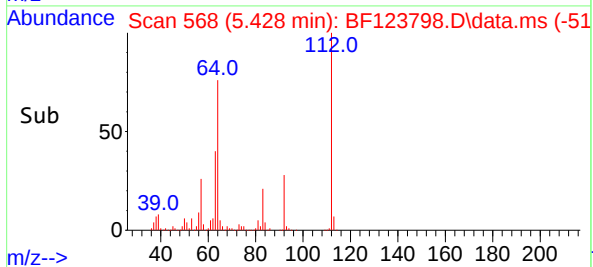
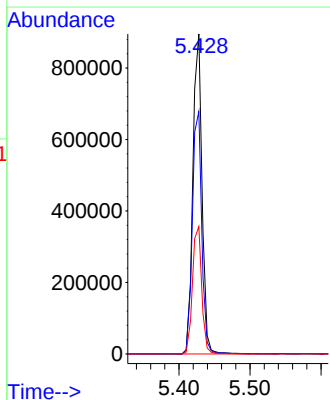
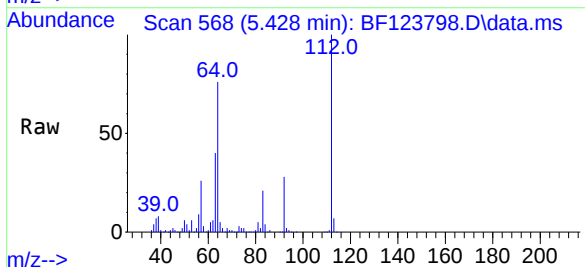
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

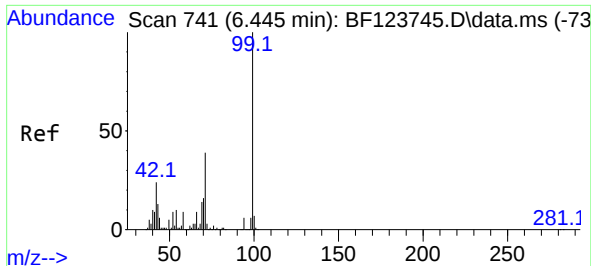
Tgt Ion:152 Resp: 272694
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 61.6 54.3 81.5



#5
2-Fluorophenol
Concen: 46.77 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:112 Resp: 805109
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 39.8 33.0 49.4



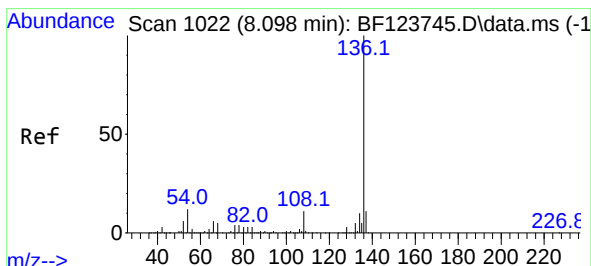
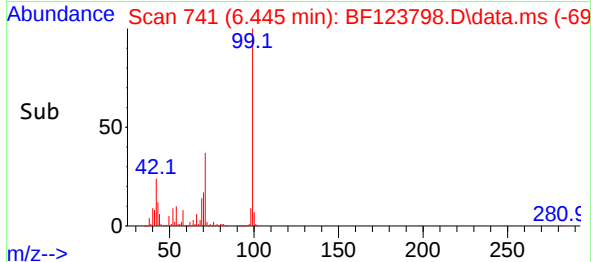
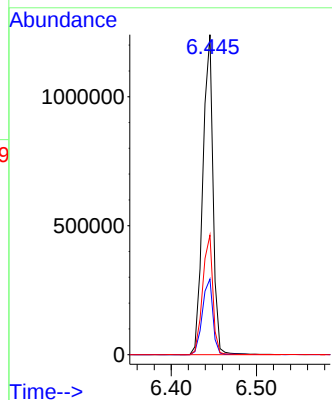
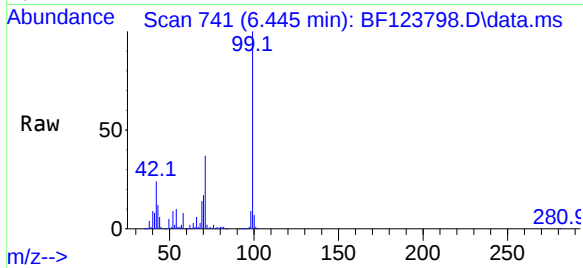


#7
Phenol-d6
Concen: 43.48 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Instrument :
BNA_F
ClientSampleId :
JC-02-043021

Tgt Ion: 99 Resp: 1030887

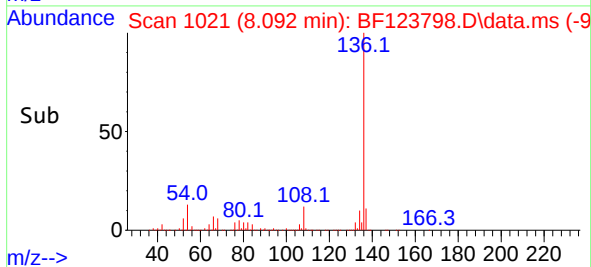
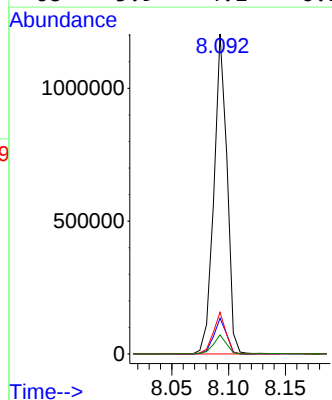
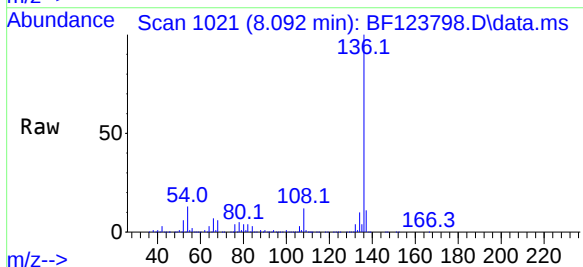
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.8	29.8
71	37.4	31.1	46.7

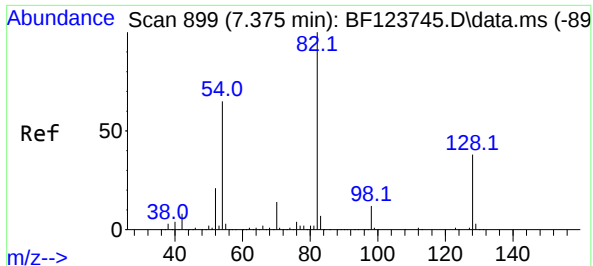


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion: 136 Resp: 964749

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	13.0	9.8	14.6
68	5.9	4.1	6.1

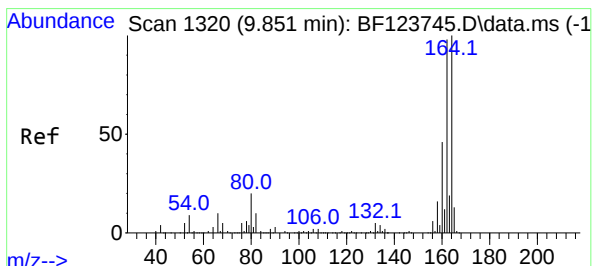
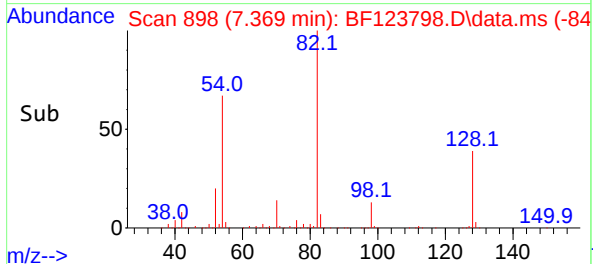
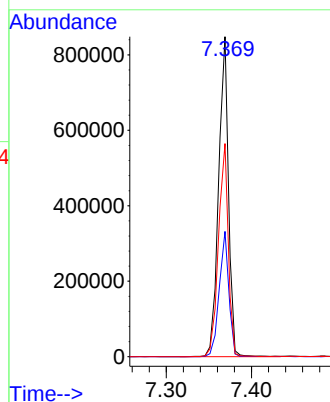
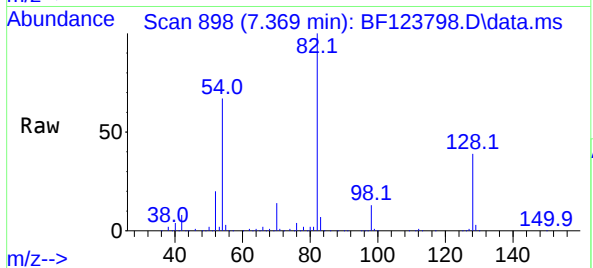




#23
Nitrobenzene-d5
Concen: 32.00 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

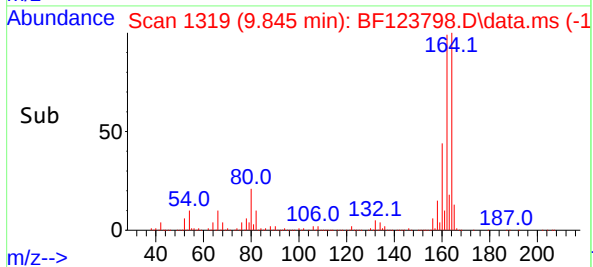
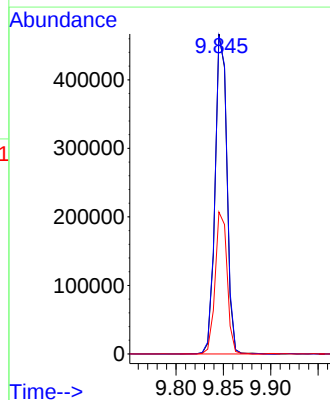
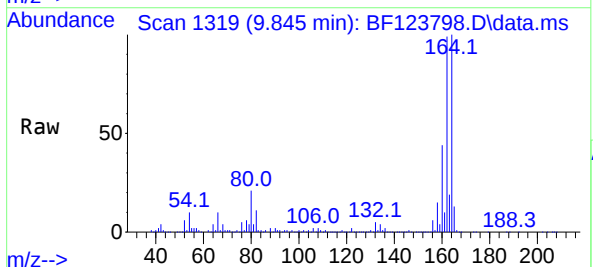
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

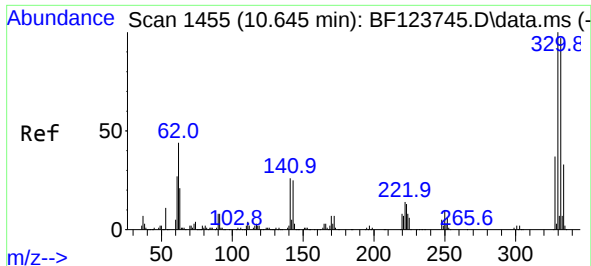
Tgt Ion: 82 Resp: 683841
Ion Ratio Lower Upper
82 100
128 39.1 29.4 44.2
54 66.6 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:164 Resp: 402456
Ion Ratio Lower Upper
164 100
162 99.2 80.7 121.1
160 44.4 37.3 55.9

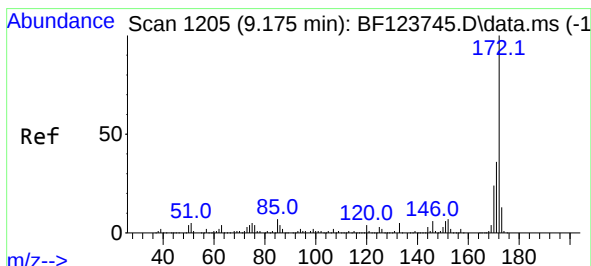
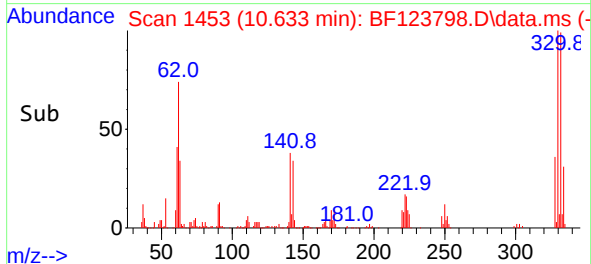
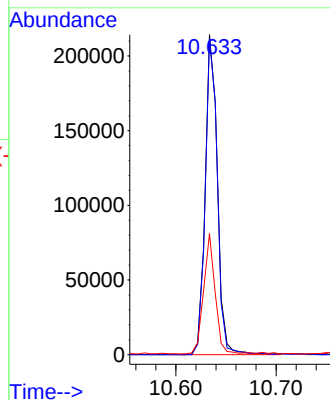
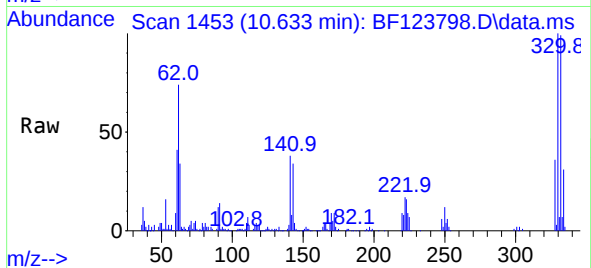




#42
2,4,6-Tribromophenol
Concen: 36.45 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

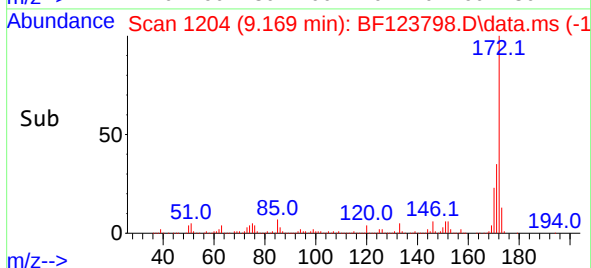
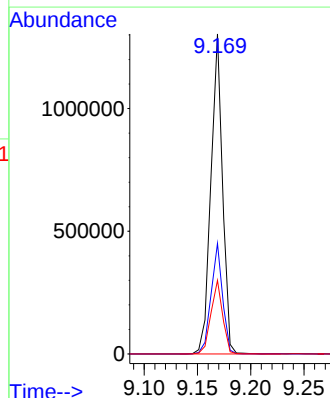
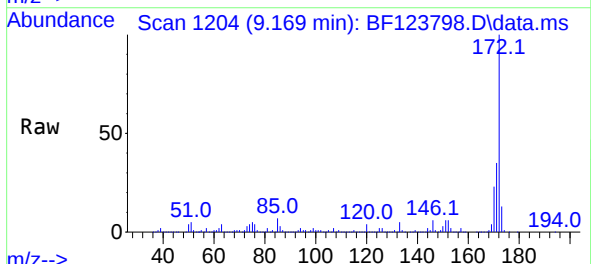
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

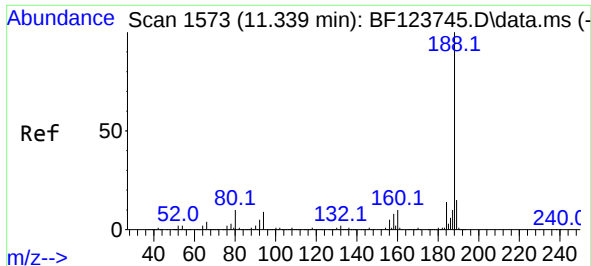
Tgt Ion:330 Resp: 182617
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 35.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 35.91 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:172 Resp: 992319
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.0 19.2 28.8

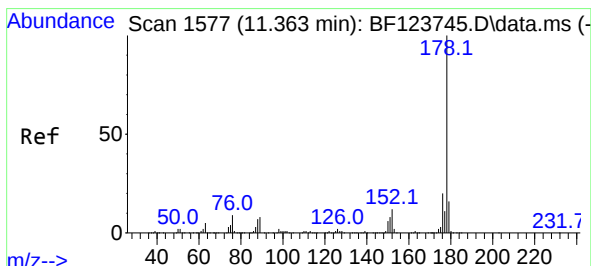
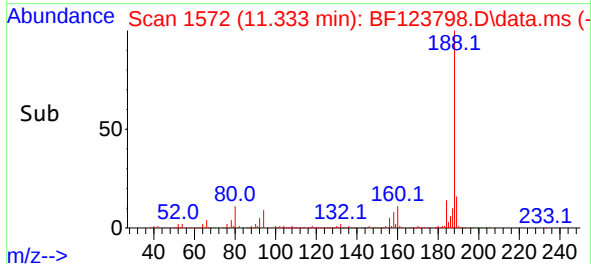
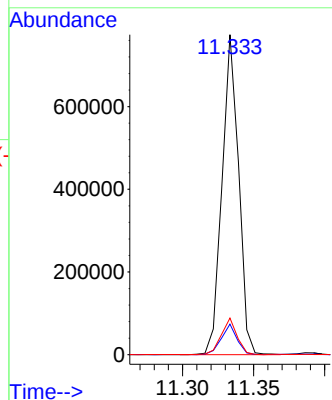
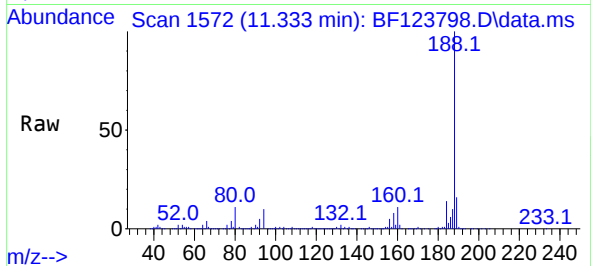




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

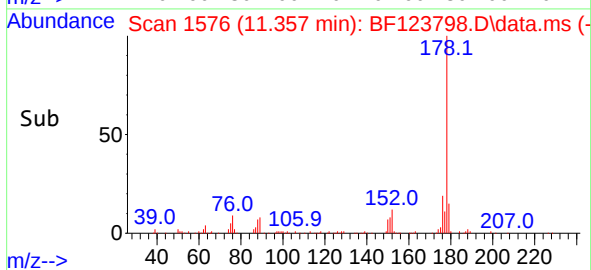
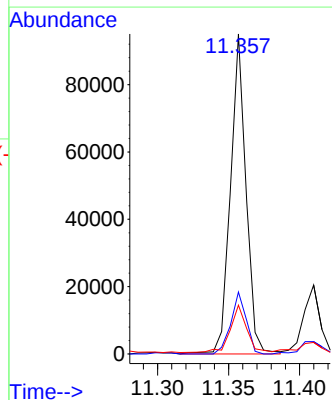
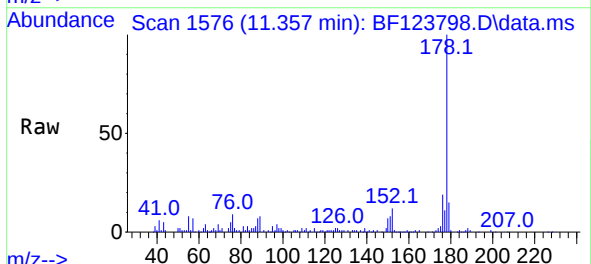
Instrument :
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JC-02-043021

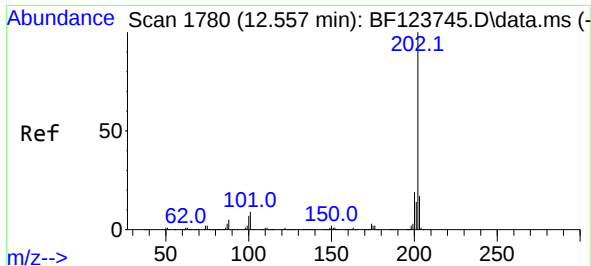
Tgt Ion:188 Resp: 626111
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 11.5 8.2 12.2



#71
Phenanthrene
Concen: 2.20 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:178 Resp: 72410
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.2 12.5 18.7

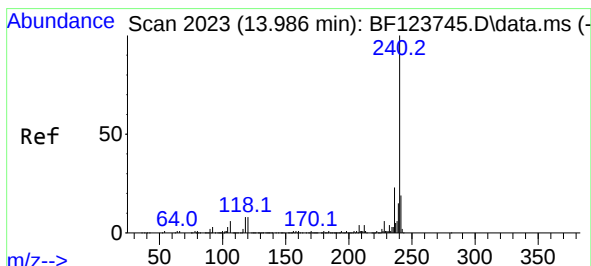
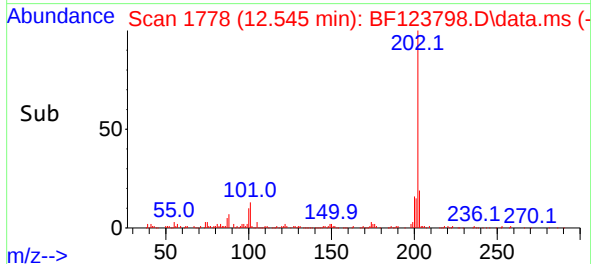
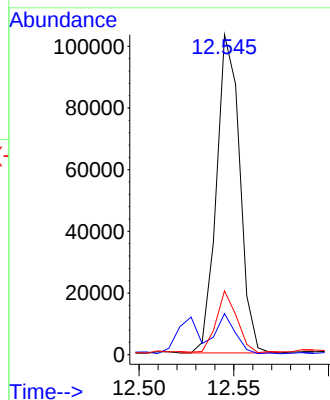
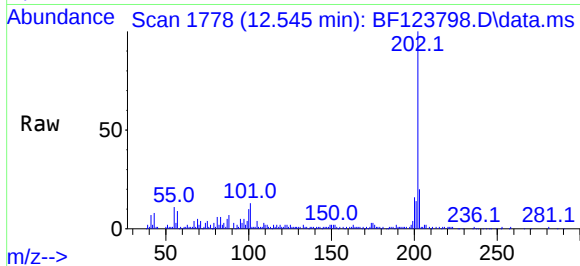




#75
Fluoranthene
Concen: 2.46 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

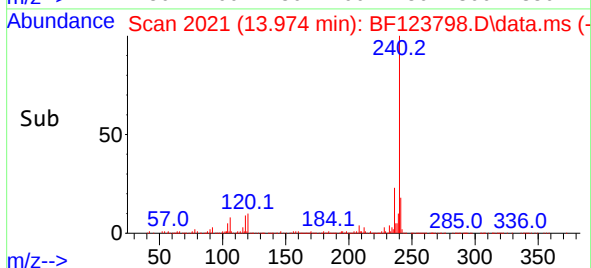
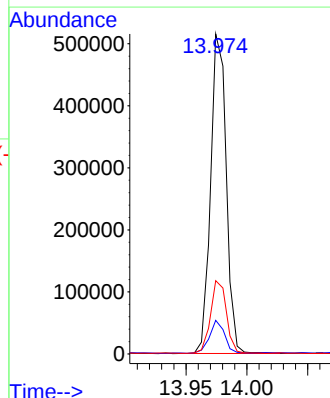
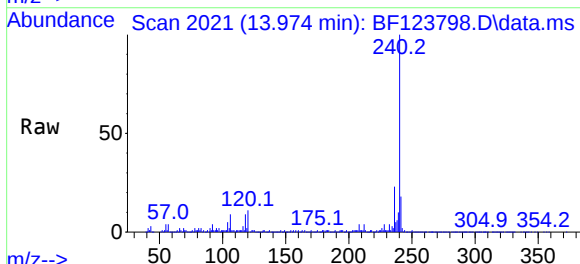
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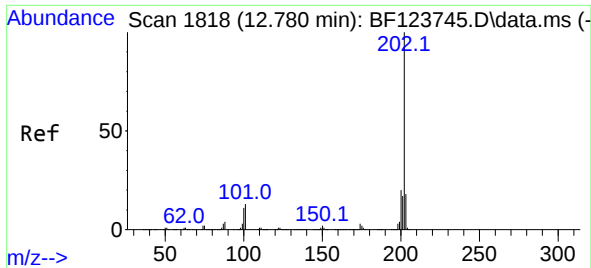
Tgt Ion:	202	Resp:	88104
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.9
203	19.9	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:	240	Resp:	461421
Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.2	10.8
236	22.9	19.0	28.4



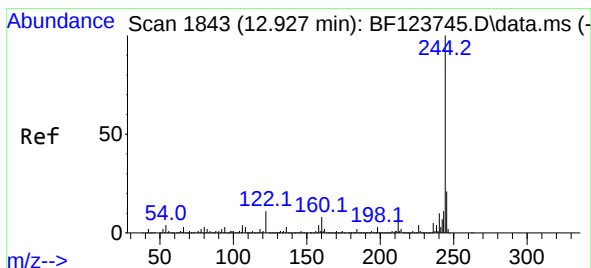
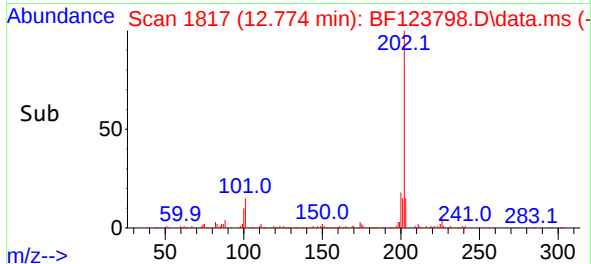
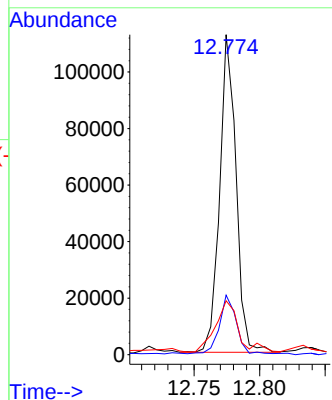
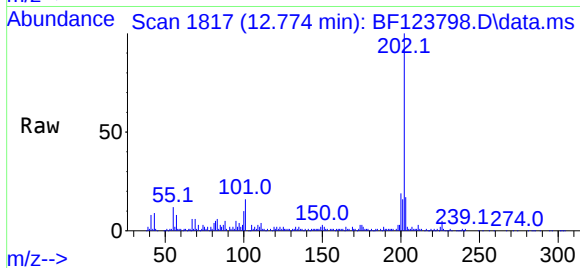


#78
Pyrene
Concen: 2.71 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Instrument :
BNA_F
ClientSampleId :
JC-02-043021

Tgt Ion:202 Resp: 97165

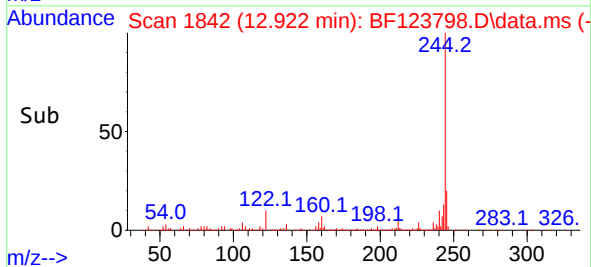
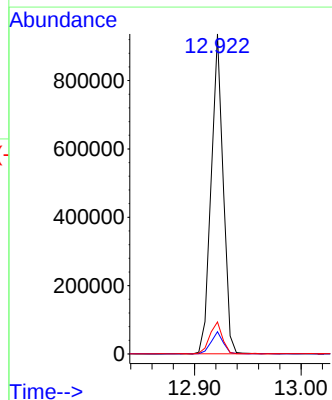
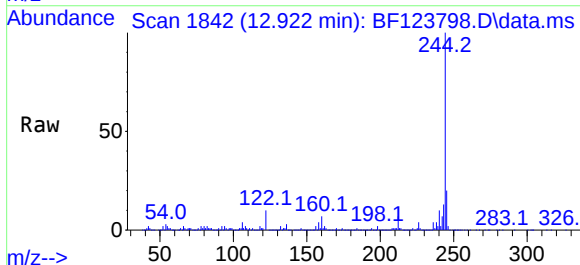
Ion	Ratio	Lower	Upper
202	100		
200	18.6	16.1	24.1
203	16.8	14.8	22.2

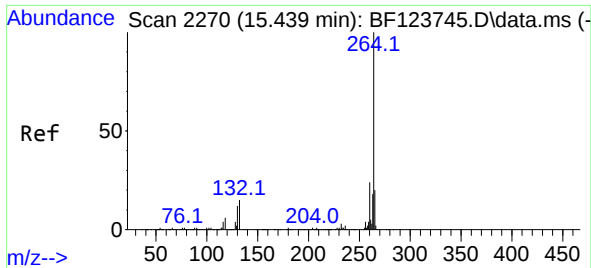


#79
Terphenyl-d14
Concen: 30.63 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:244 Resp: 733889

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.0	9.7	14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF123798.D
 Acq: 4 May 2021 1:26

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-043021

Tgt Ion:264 Resp: 339976
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 21.3 17.8 26.8

