

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)

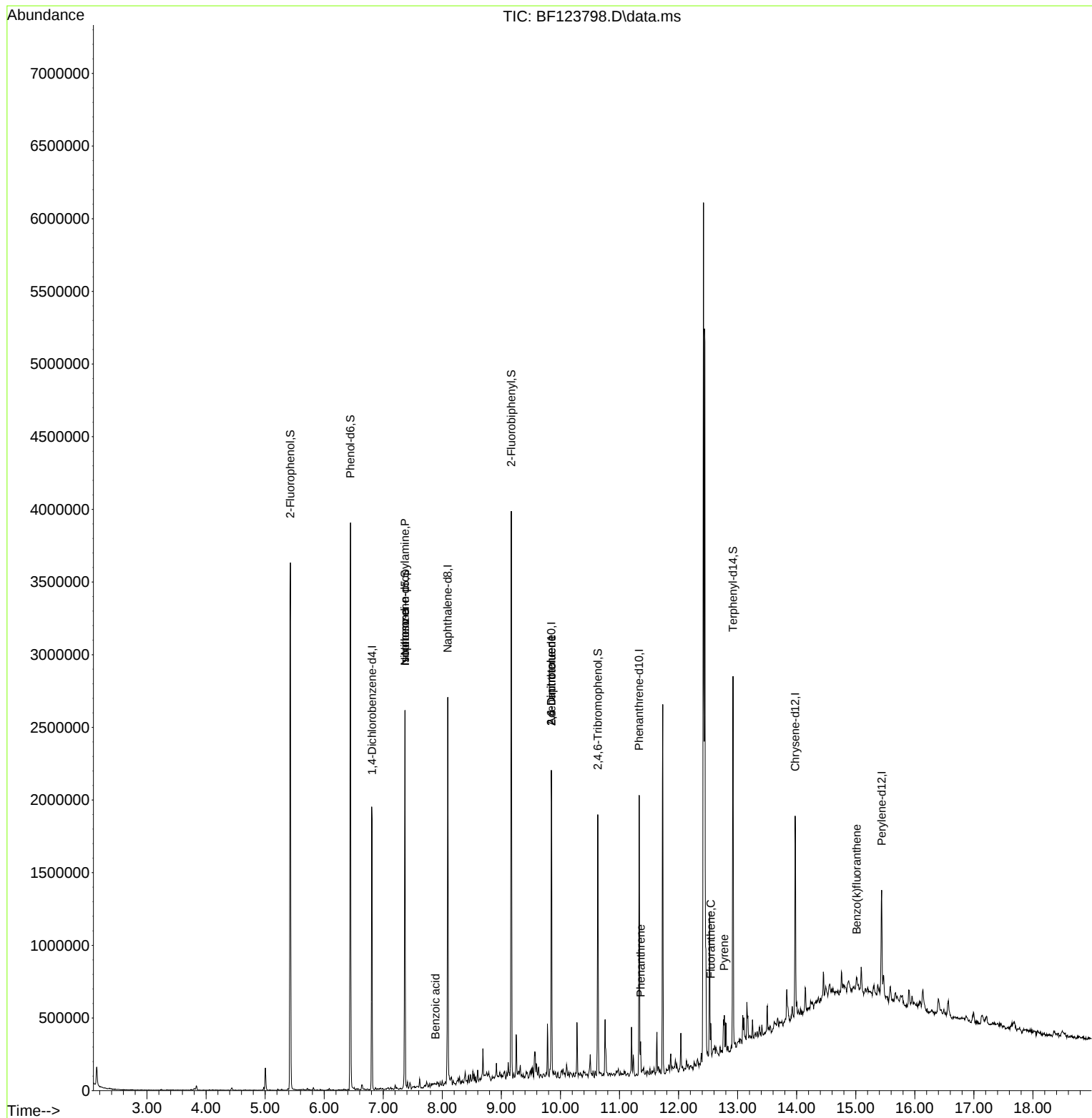
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	272694	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	964749	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	402456	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	626111	20.00	ng	0.00
76) Chrysene-d12	13.974	240	461421	20.00	ng	-0.01
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.369	70	96085	6.56	ng	# 74
25) Isophorone	7.369	82	679230	16.95	ng	# 69
32) Benzoic acid	7.887	122	343	5.42	ng	# 22
51) 2,6-Dinitrotoluene	9.845	165	53493	8.16	ng	# 12
57) 2,4-Dinitrotoluene	9.845	165	53493	5.99	ng	# 17
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
89) Benzo(k)fluoranthene	15.015	252	44840	2.05	ng	# 78

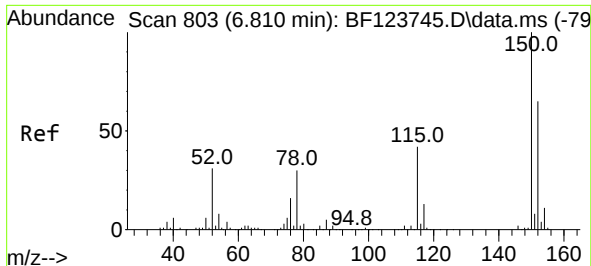
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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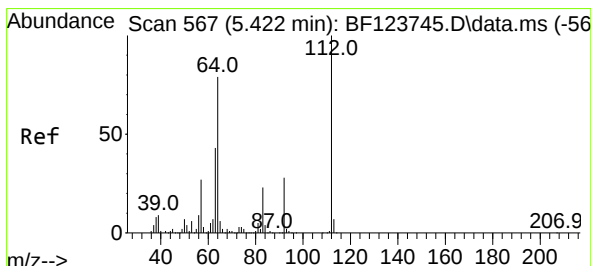
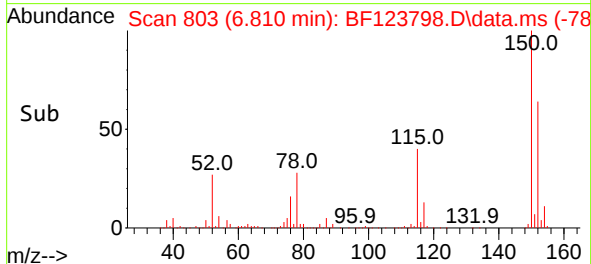
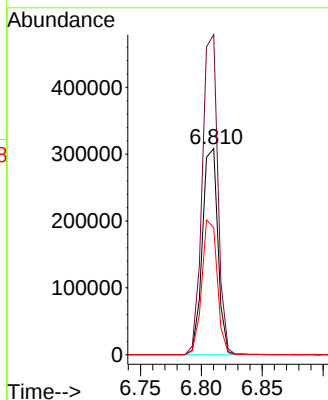
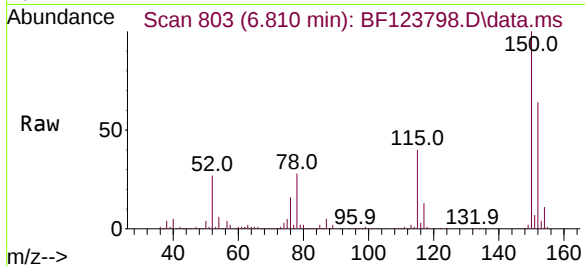




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

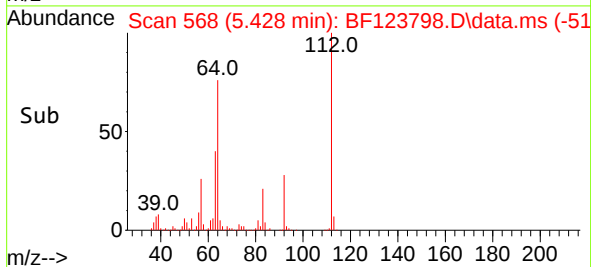
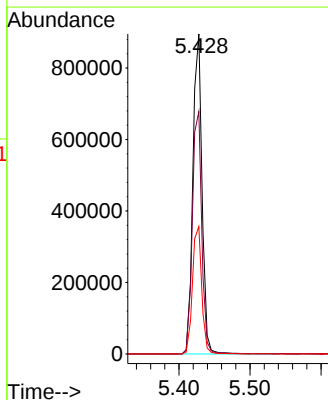
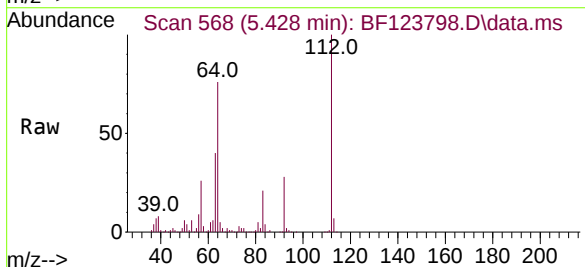
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

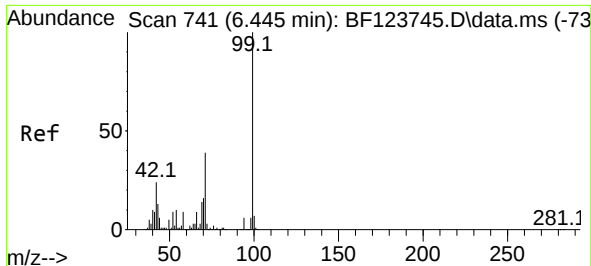
Tgt Ion:152 Resp: 272694
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 61.6 54.3 81.5



#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



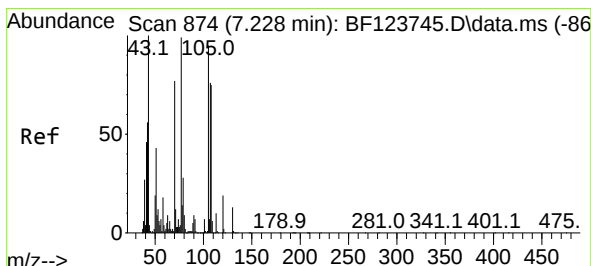
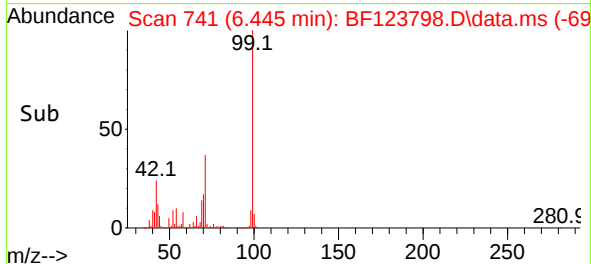
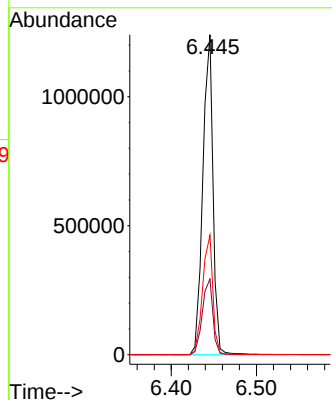
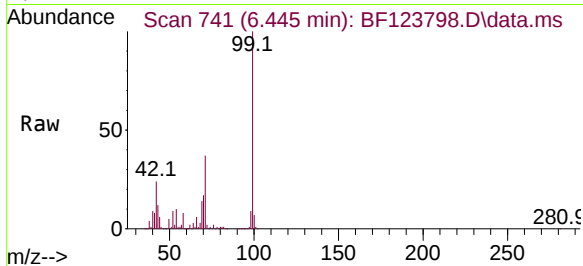


#7
Phenol-d6
Concen: 43.48 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Instrument :
BNA_F
ClientSampleId :
JC-02-043021

Tgt Ion: 99 Resp: 1030887

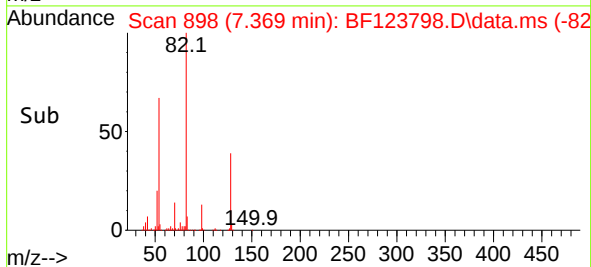
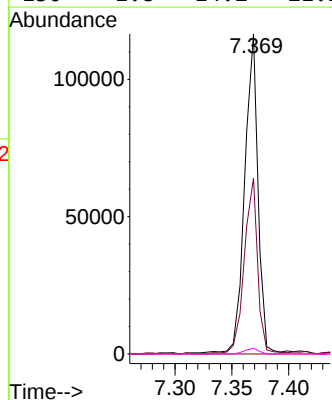
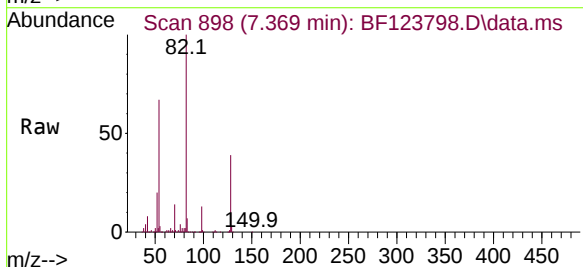
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.8	29.8
71	37.4	31.1	46.7

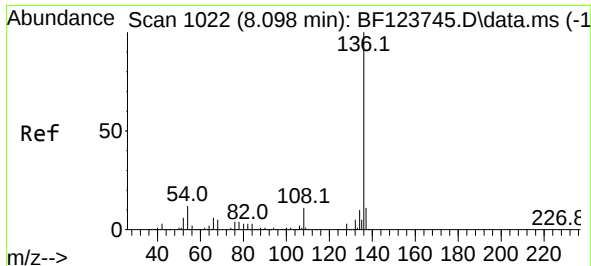


#19
n-Nitroso-di-n-propylamine
Concen: 6.56 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion: 70 Resp: 96085

Ion	Ratio	Lower	Upper
70	100		
42	55.0	60.1	90.1#
101	0.0	7.4	11.2#
130	1.8	14.2	21.2#



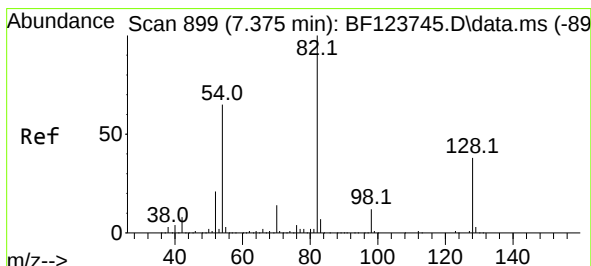
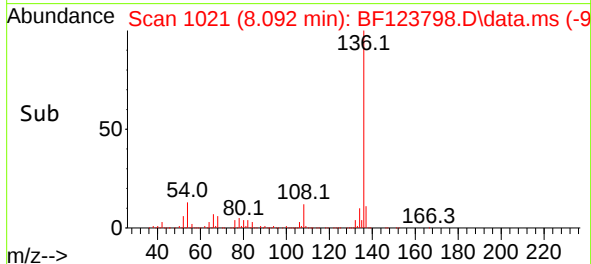
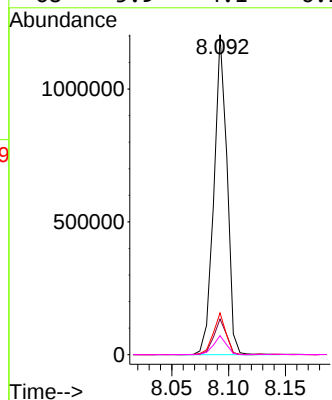
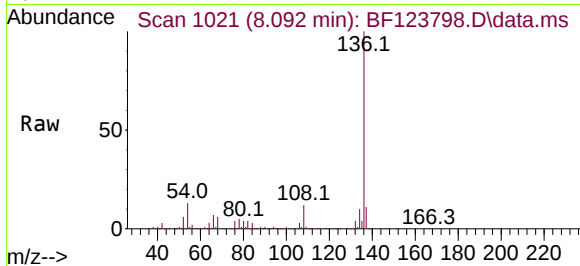


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Instrument :
BNA_F
ClientSampleId :
JC-02-043021

Tgt Ion:136 Resp: 964749

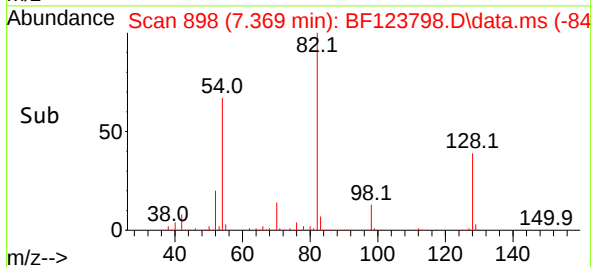
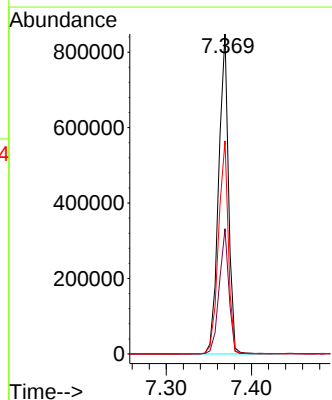
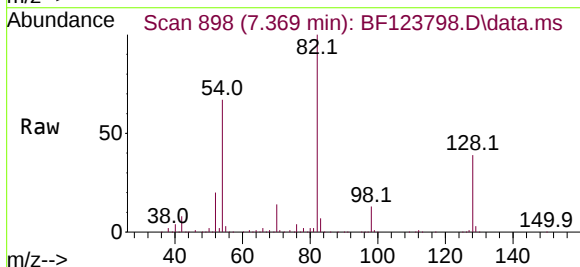
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	13.0	9.8	14.6
68	5.9	4.1	6.1

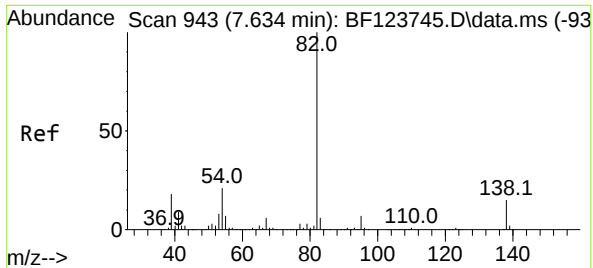


#23
Nitrobenzene-d5
Concen: 32.00 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

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

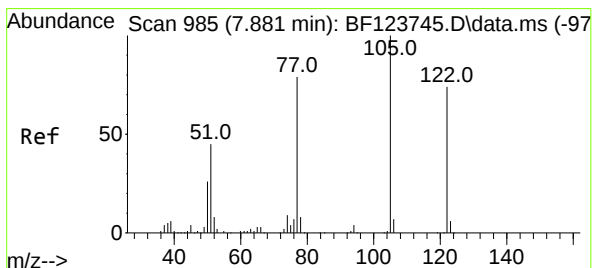
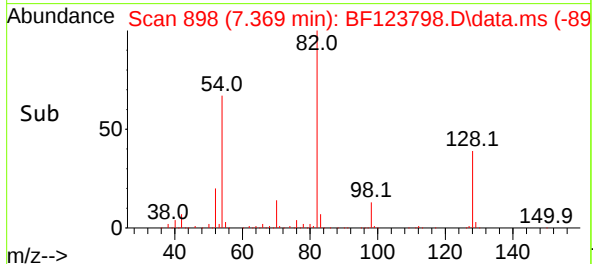
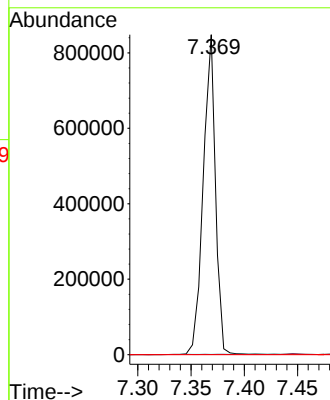
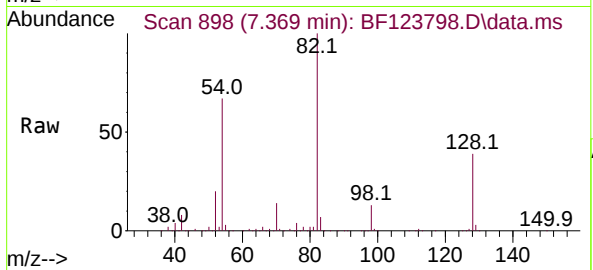




#25
Isophorone
Concen: 16.95 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

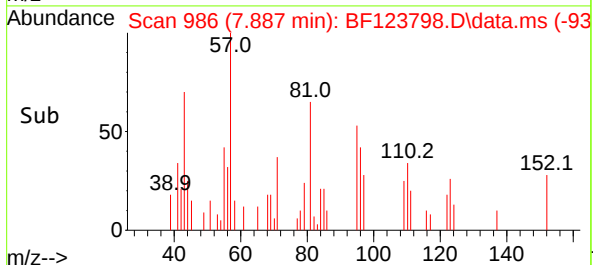
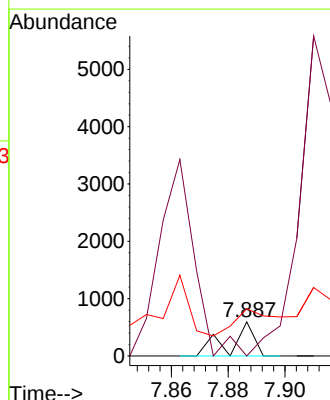
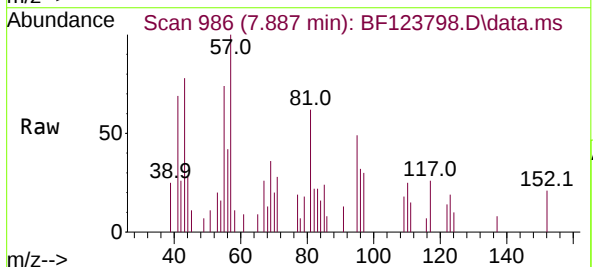
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

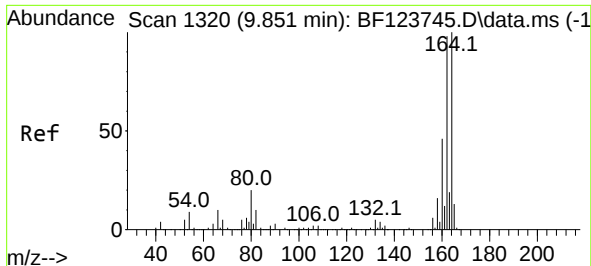
Tgt Ion: 82 Resp: 679230
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.42 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:122 Resp: 343
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 138.1 81.6 121.6#

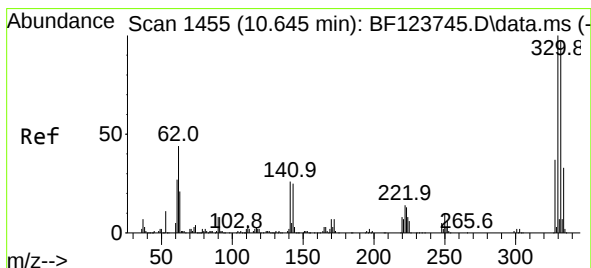
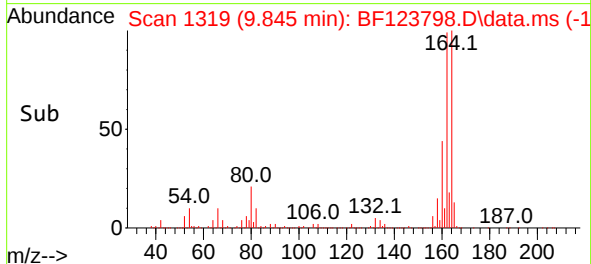
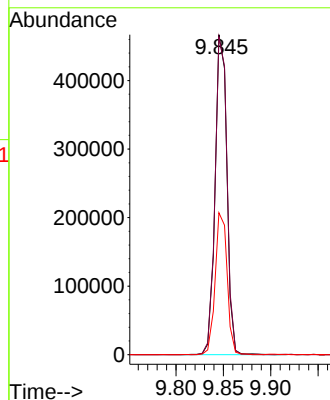
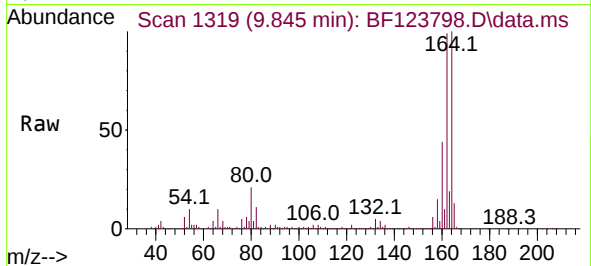




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

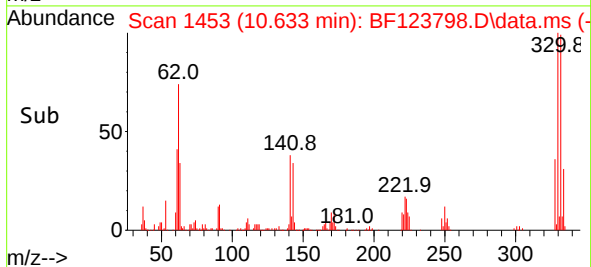
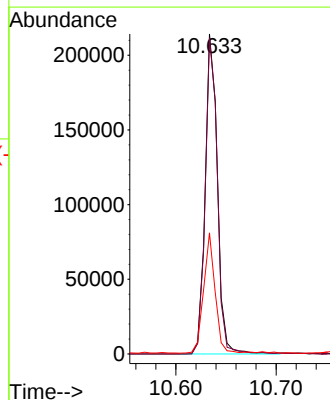
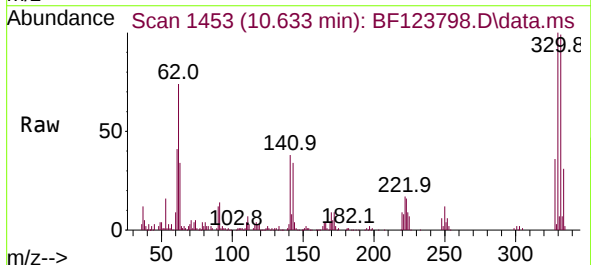
Instrument :
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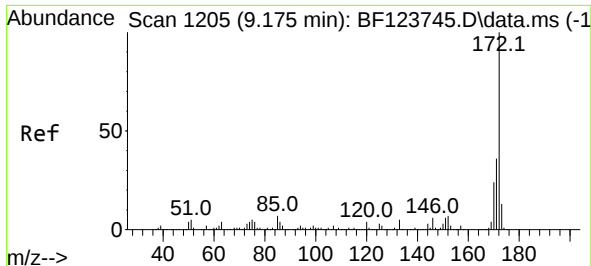
Tgt Ion:164 Resp: 402456
Ion Ratio Lower Upper
164 100
162 99.2 80.7 121.1
160 44.4 37.3 55.9



#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

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

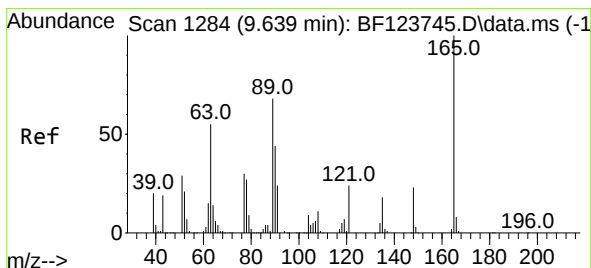
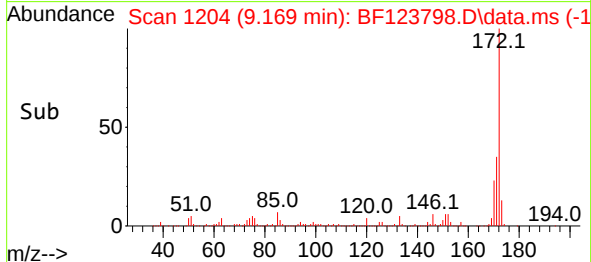
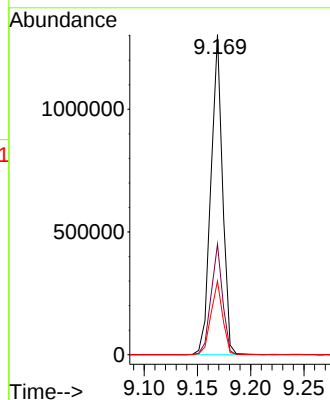
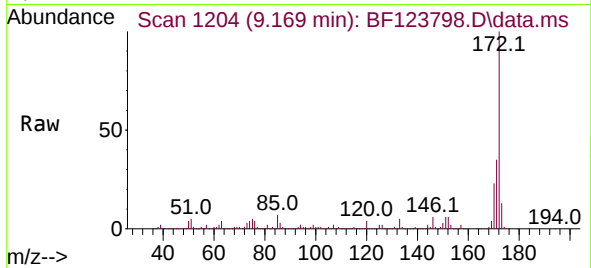




#45
2-Fluorobiphenyl
Concen: 35.91 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

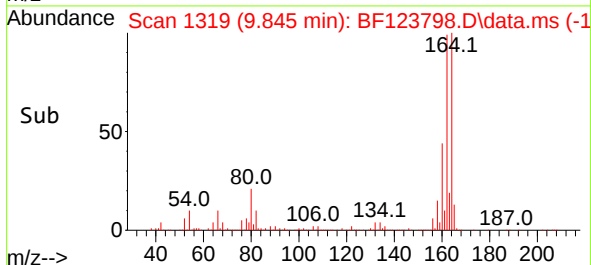
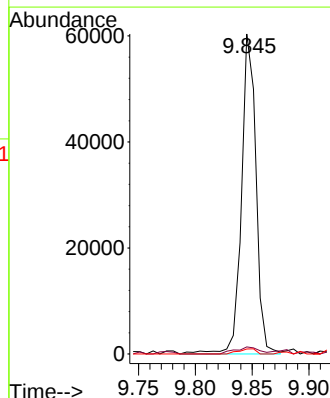
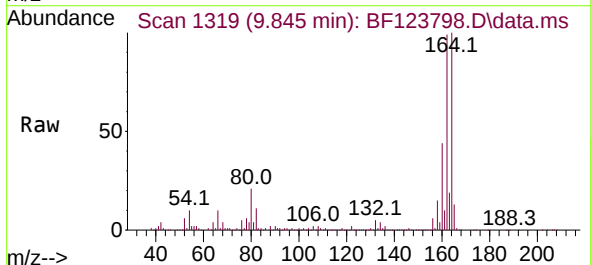
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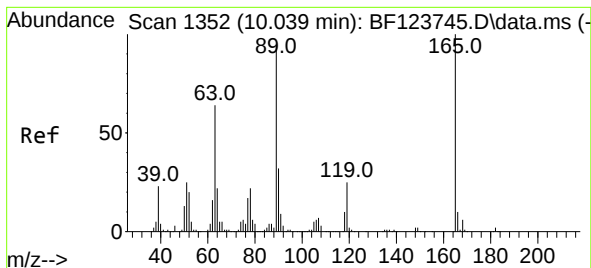
Tgt Ion:172 Resp: 992319
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

Tgt Ion:165 Resp: 53493
Ion Ratio Lower Upper
165 100
63 2.2 67.7 101.5#
89 1.6 58.8 88.2#

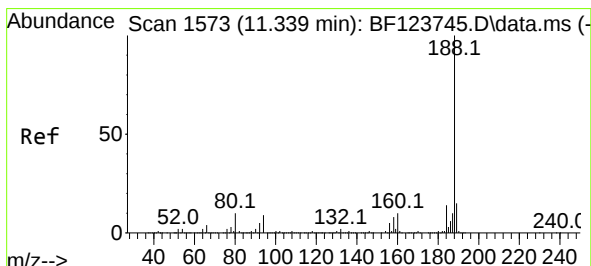
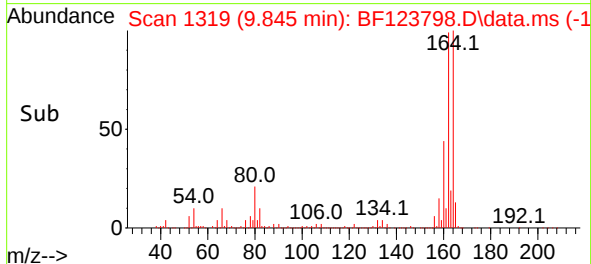
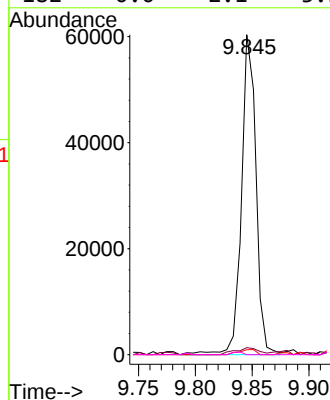
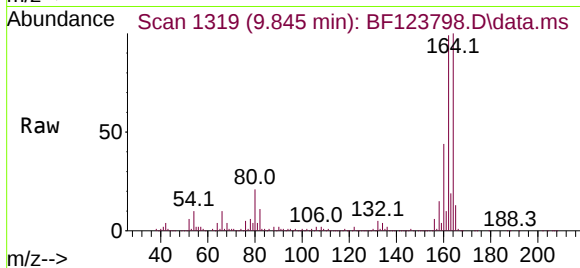




#57
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

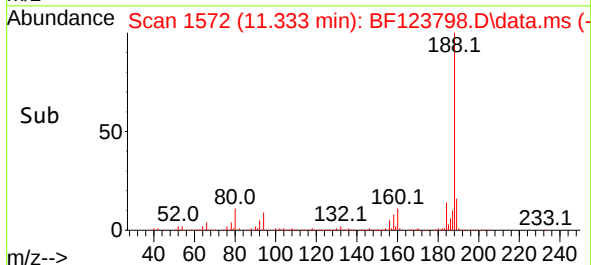
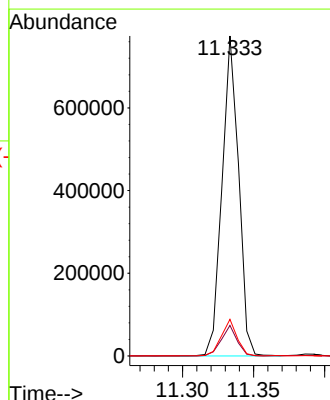
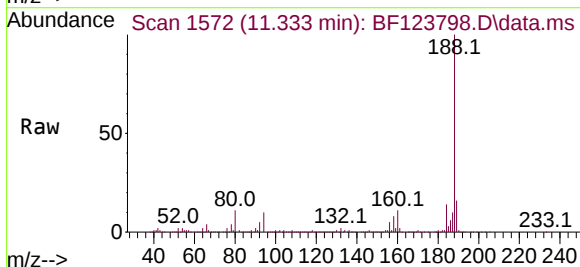
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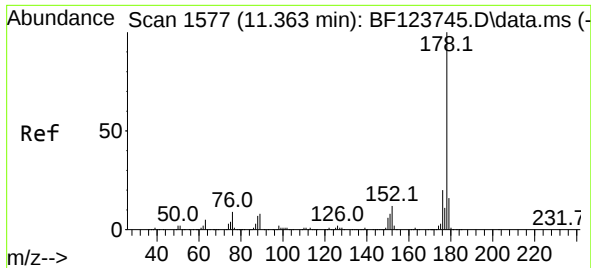
Tgt Ion:165 Resp: 53493
Ion Ratio Lower Upper
165 100
63 2.2 43.5 65.3#
89 1.6 67.7 101.5#
182 0.0 2.1 3.1#



#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

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

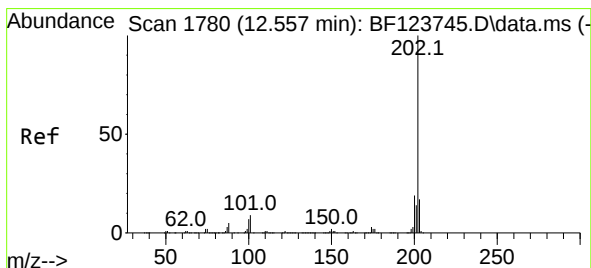
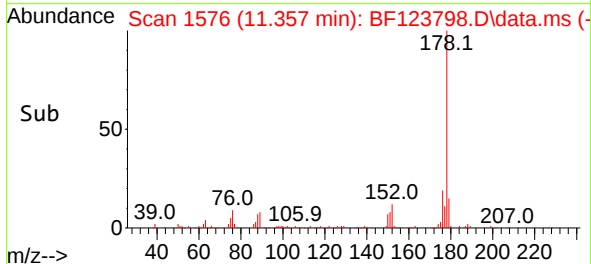
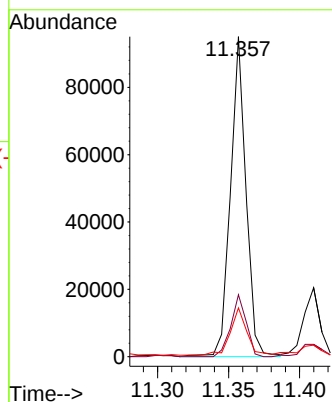
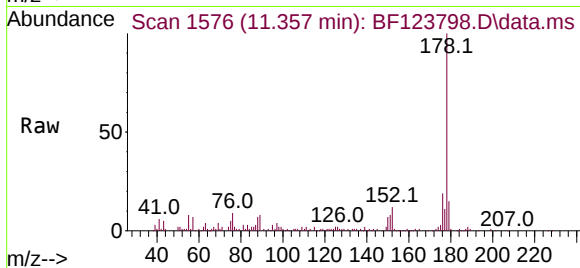




#71
Phenanthrene
Concen: 2.20 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

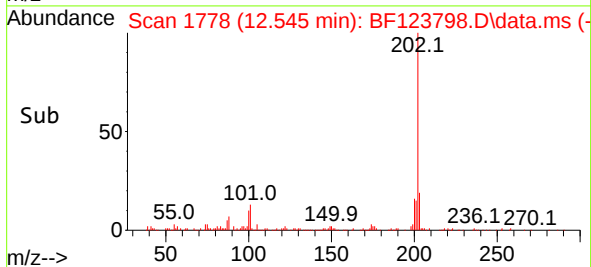
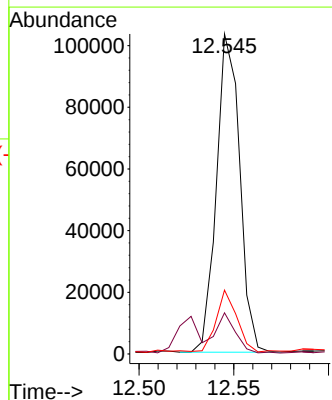
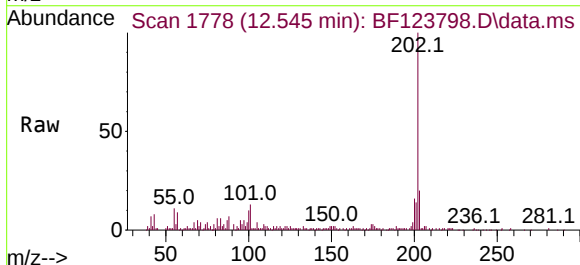
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

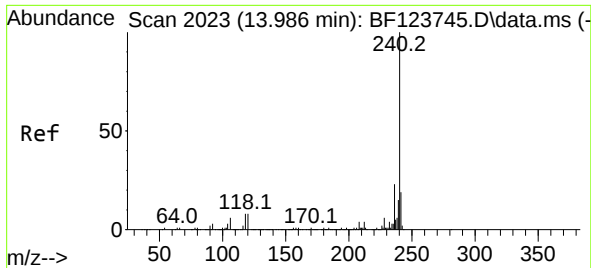
Tgt Ion:178 Resp: 72410
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.2 12.5 18.7



#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

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

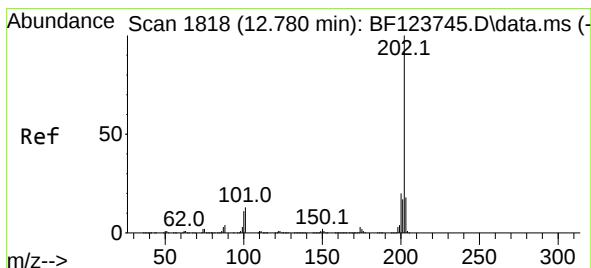
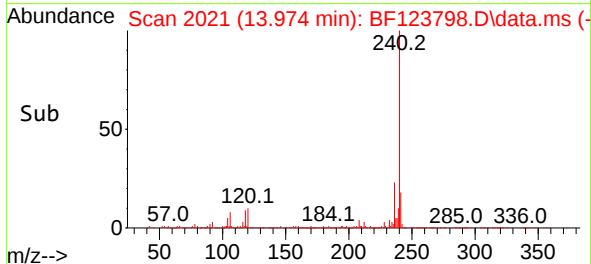
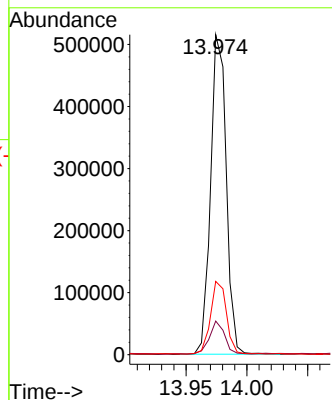
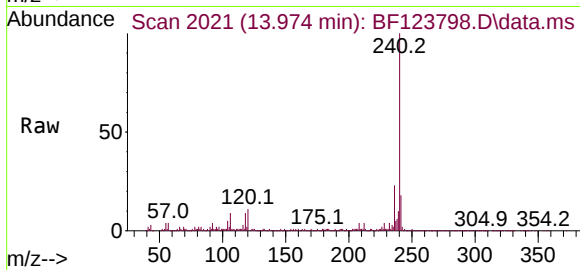




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

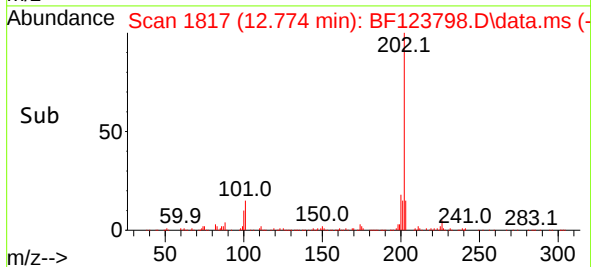
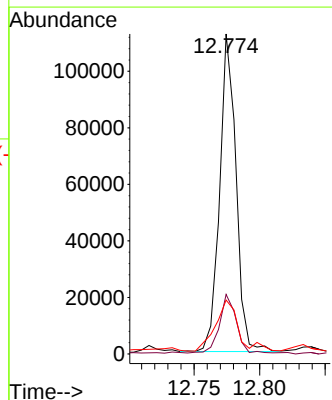
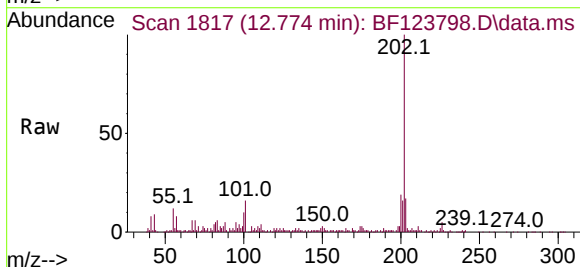
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

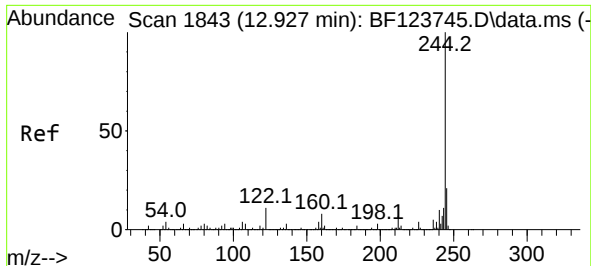
Tgt Ion:240 Resp: 461421
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 22.9 19.0 28.4



#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

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

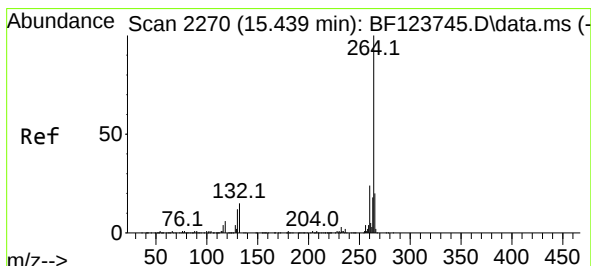
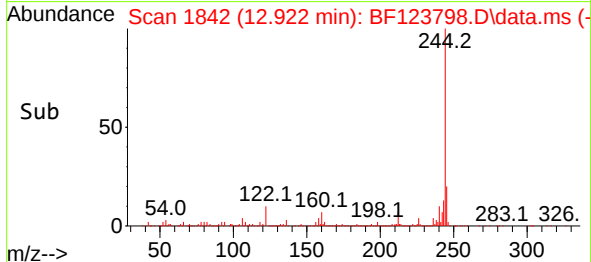
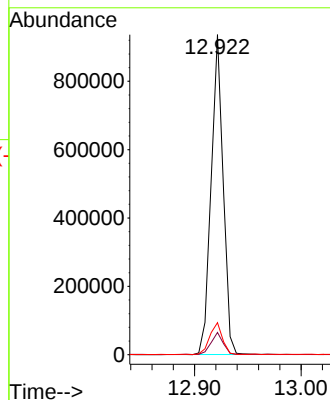
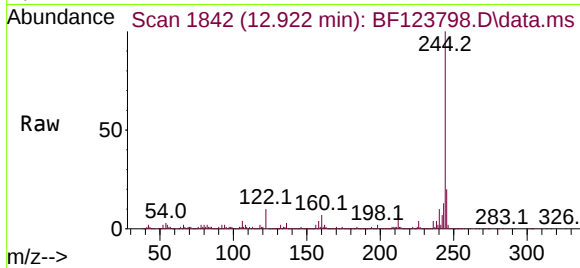




#79
Terphenyl-d14
Concen: 30.63 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123798.D
Acq: 4 May 2021 1:26

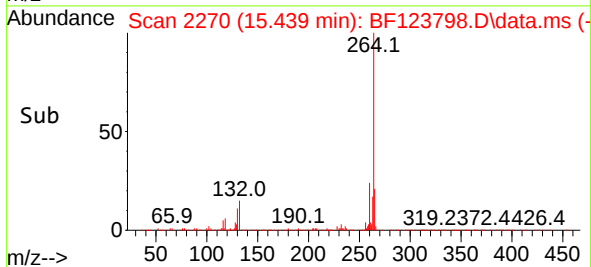
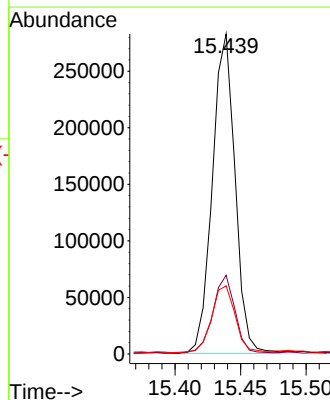
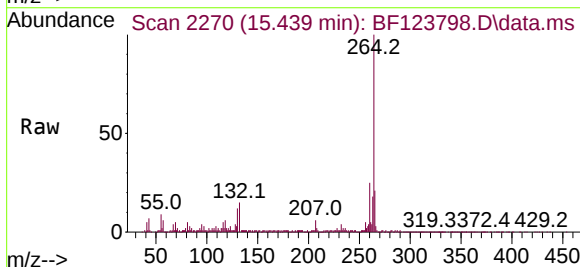
Instrument :
BNA_F
ClientSampleId :
JC-02-043021

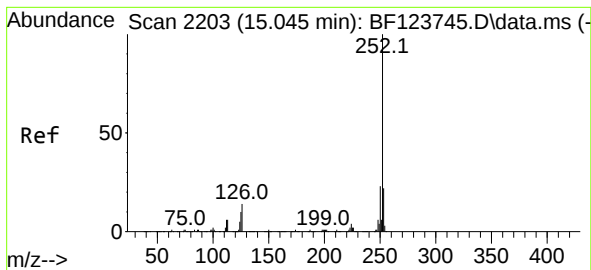
Tgt Ion:244 Resp: 733889
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.0 9.7 14.5



#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

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





#89

Benzo(k)fluoranthene

Concen: 2.05 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.029 min

Lab File: BF123798.D

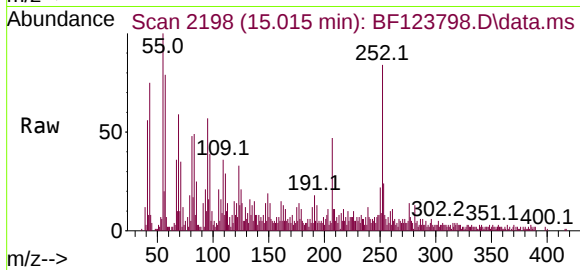
Acq: 4 May 2021 1:26

Instrument :

BNA_F

ClientSampleId :

JC-02-043021



Tgt Ion:	252	Resp:	44840
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.9	26.9#
125	24.5	7.0	10.6#

