

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123799.D
 Acq On : 4 May 2021 1:58
 Operator : JU/CG
 Sample : M2235-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-043021

Quant Time: May 04 02:35:37 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)

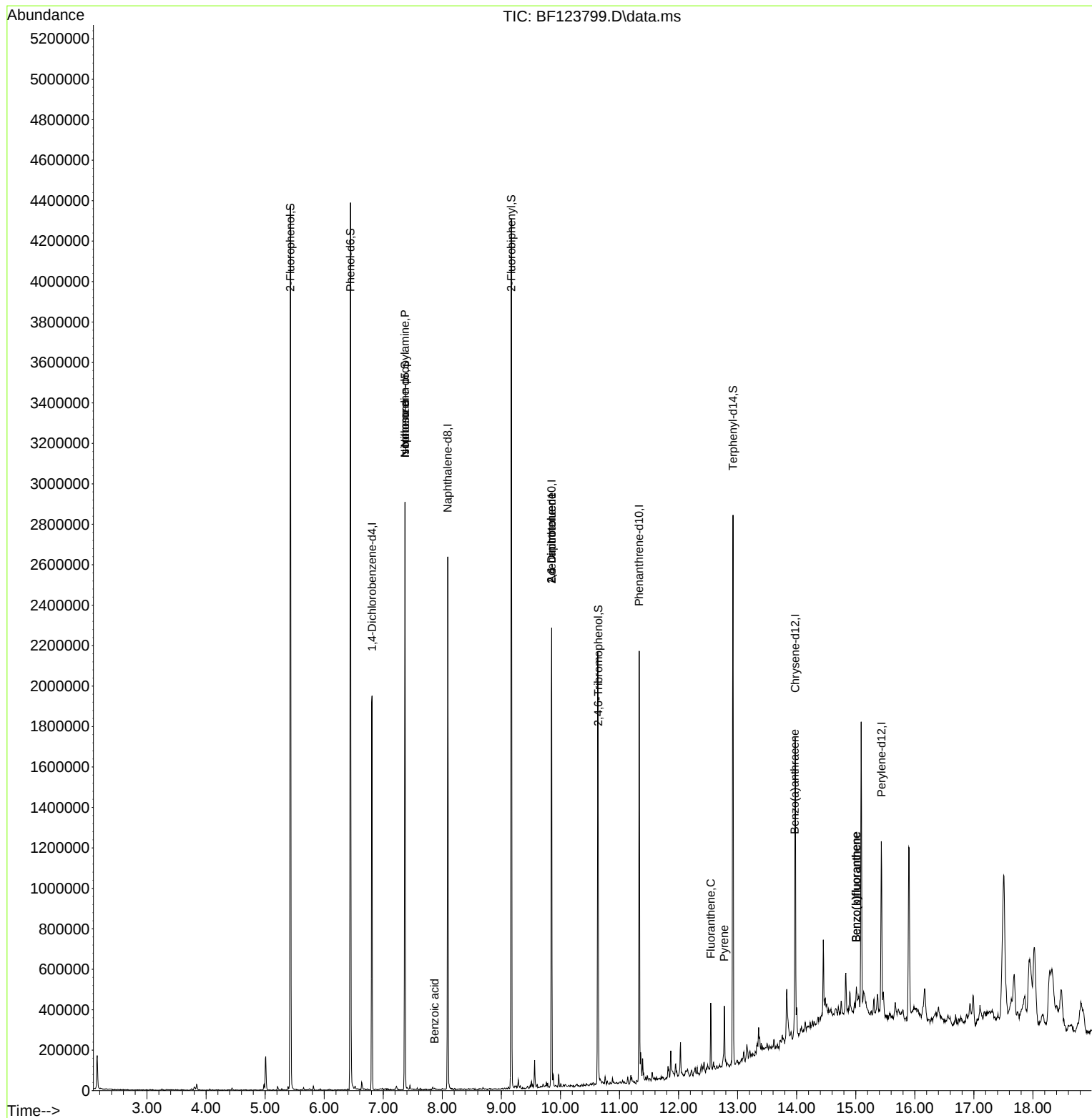
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	277370	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	984364	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	422567	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	683131	20.00	ng	0.00
76) Chrysene-d12	13.974	240	469828	20.00	ng	#-0.01
86) Perylene-d12	15.433	264	379977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	912932	52.14	ng	0.00
7) Phenol-d6	6.445	99	1146542	47.54	ng	0.00
23) Nitrobenzene-d5	7.369	82	774939	35.54	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	237527	45.15	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1103713	38.04	ng	0.00
79) Terphenyl-d14	12.921	244	799190	32.76	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	102570	6.89	ng	# 76
25) Isophorone	7.369	82	774918	18.95	ng	# 69
32) Benzoic acid	7.869	122	1137	5.49	ng	# 7
51) 2,6-Dinitrotoluene	9.851	165	54595	7.93	ng	# 12
57) 2,4-Dinitrotoluene	9.851	165	54595	5.82	ng	# 17
75) Fluoranthene	12.545	202	123178	3.15	ng	96
78) Pyrene	12.774	202	112333	3.08	ng	99
81) Benzo(a)anthracene	13.968	228	58272	2.05	ng	95
88) Benzo(b)fluoranthene	15.010	252	82236	3.21	ng	# 90
89) Benzo(k)fluoranthene	15.010	252	82236	3.37	ng	# 91

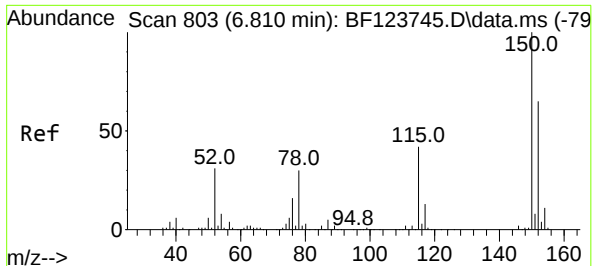
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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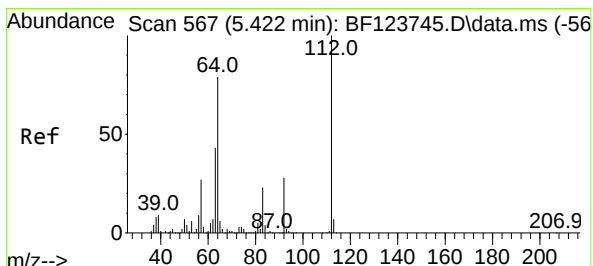
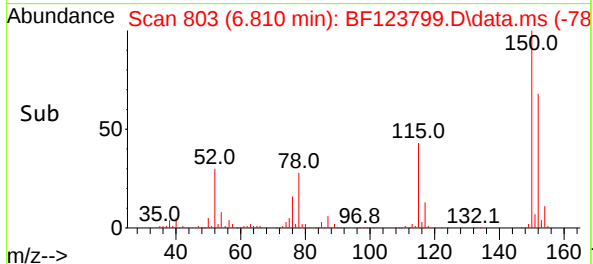
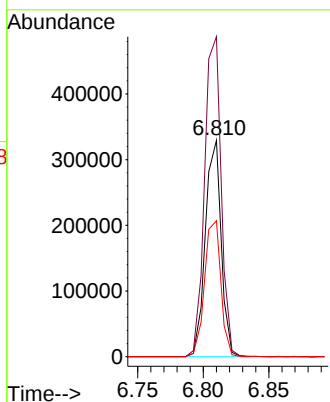
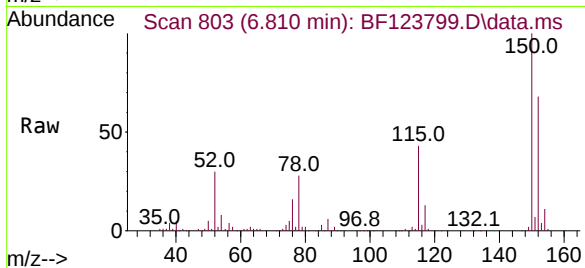




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

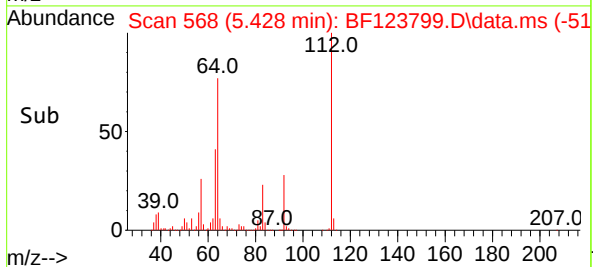
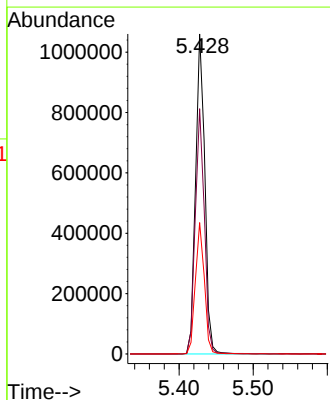
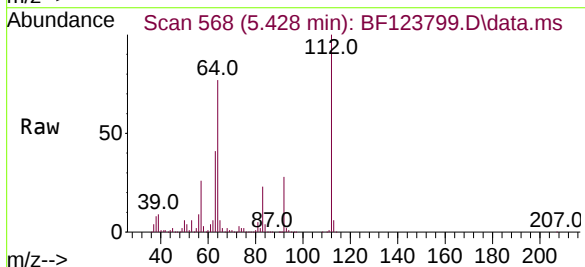
Instrument :
BNA_F
ClientSampleId :
OR-02-043021

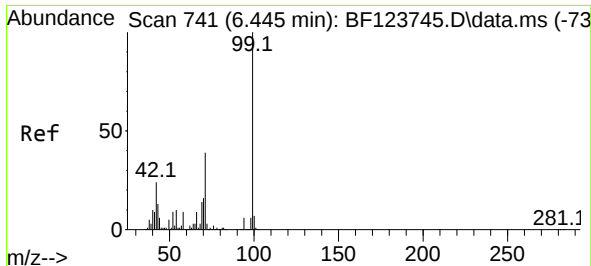
Tgt Ion:152 Resp: 277370
Ion Ratio Lower Upper
152 100
150 147.9 127.0 190.6
115 62.9 54.3 81.5



#5
2-Fluorophenol
Concen: 52.14 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:112 Resp: 912932
Ion Ratio Lower Upper
112 100
64 76.6 61.4 92.0
63 41.0 33.0 49.4

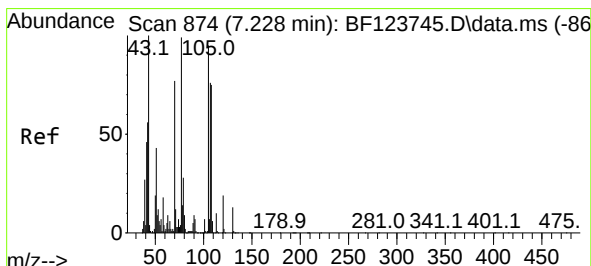
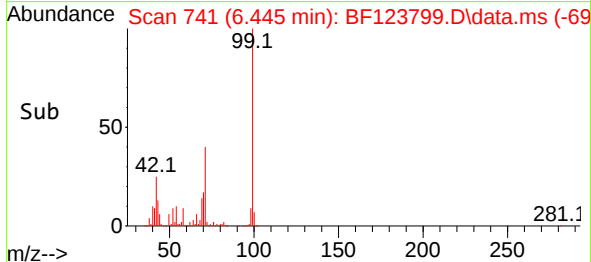
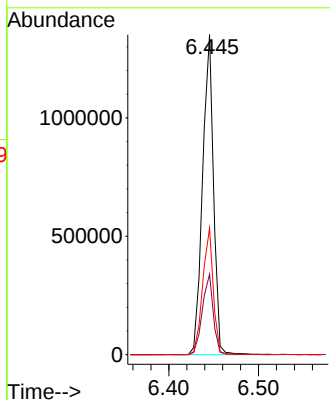
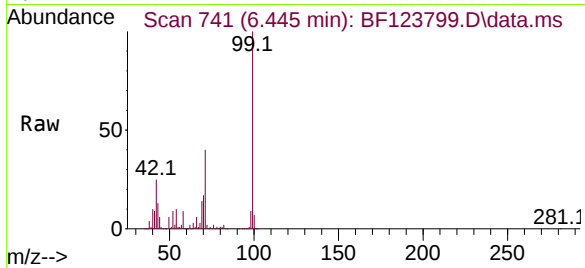




#7
Phenol-d6
Concen: 47.54 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

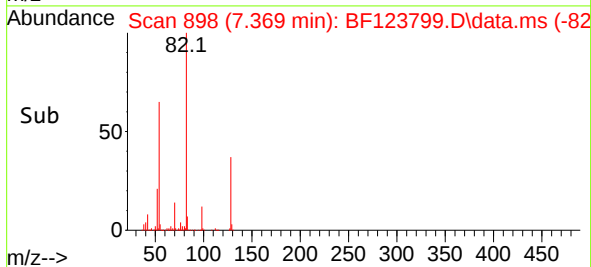
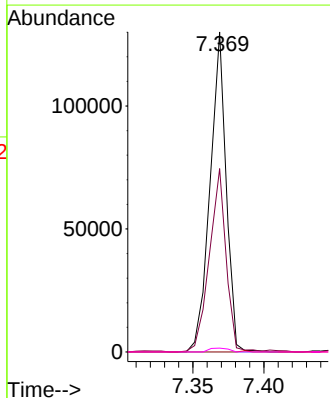
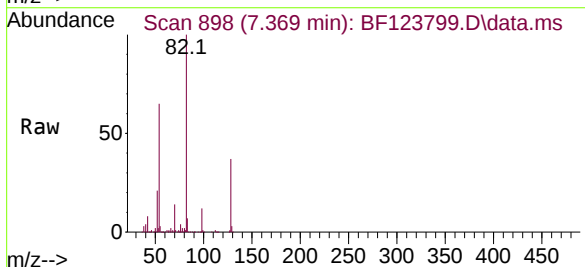
Instrument :
BNA_F
ClientSampleId :
OR-02-043021

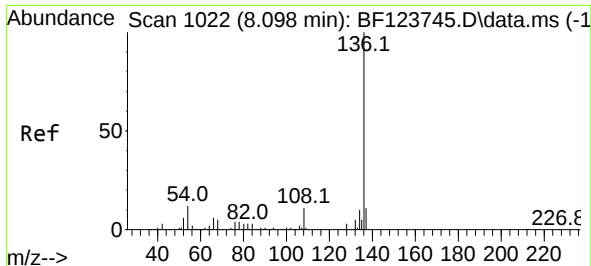
Tgt Ion: 99 Resp: 1146542
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 39.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.89 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion: 70 Resp: 102570
Ion Ratio Lower Upper
70 100
42 57.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#

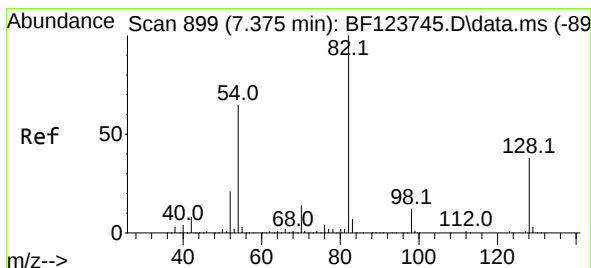
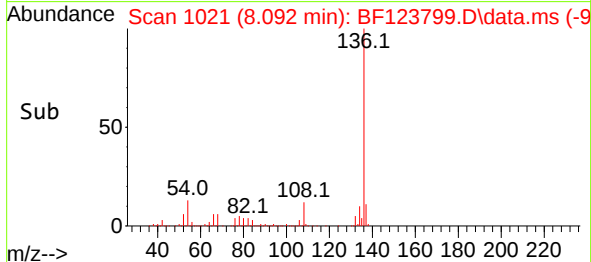
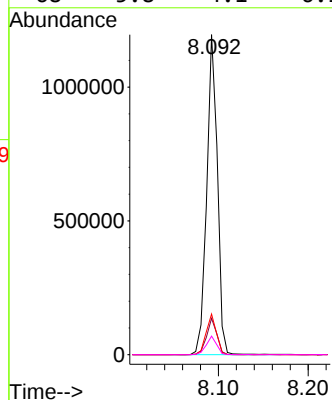
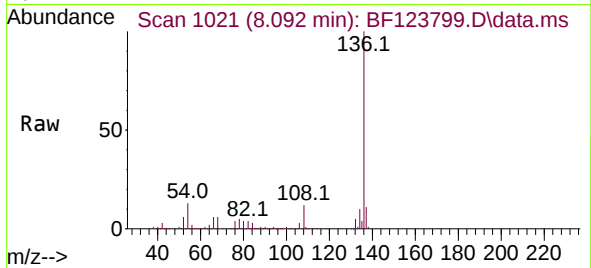




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

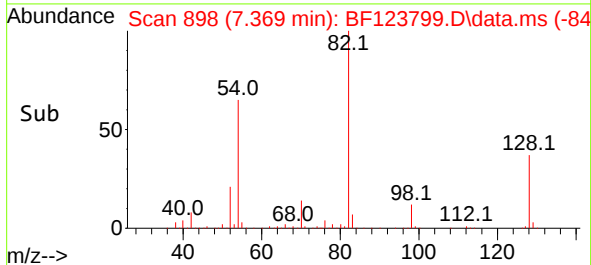
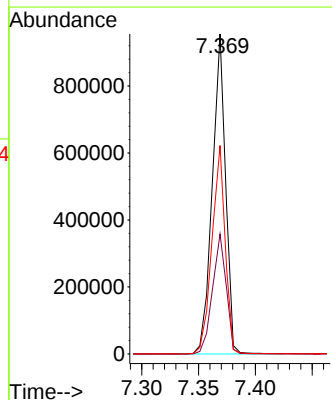
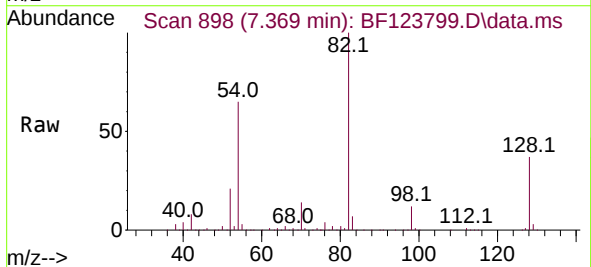
Instrument :
BNA_F
ClientSampleId :
OR-02-043021

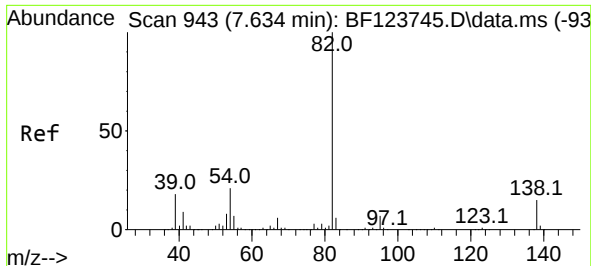
Tgt Ion:	136	Resp:	984364
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	12.7	9.8	14.6
68	5.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 35.54 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:	82	Resp:	774939
Ion Ratio	Lower	Upper	
82	100		
128	37.5	29.4	44.2
54	65.2	54.1	81.1

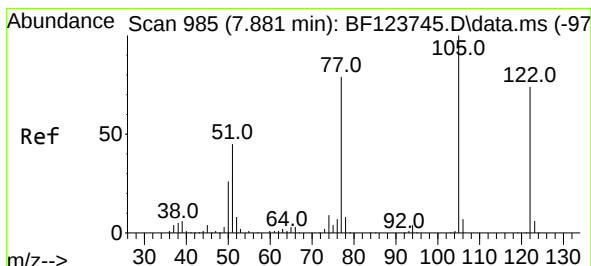
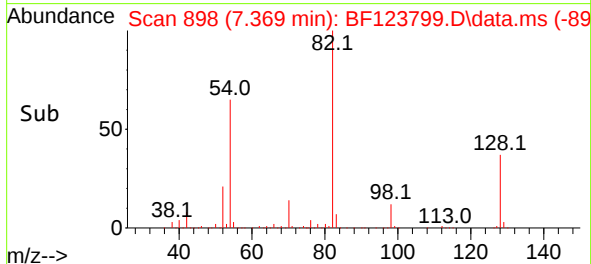
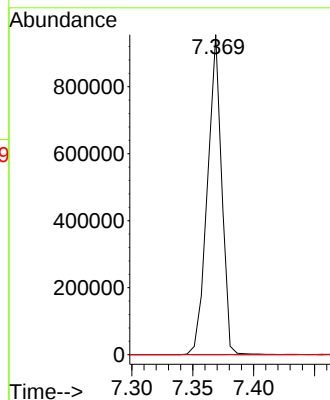
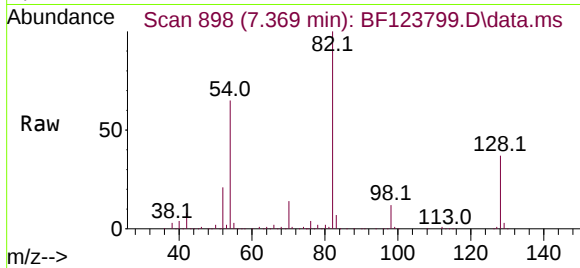




#25
Isophorone
Concen: 18.95 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

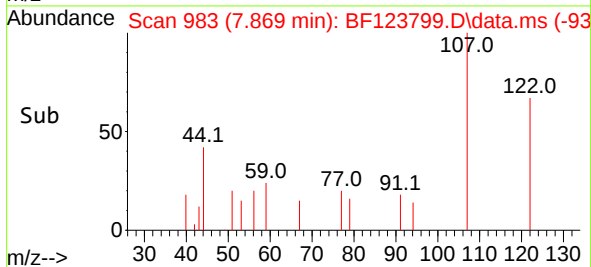
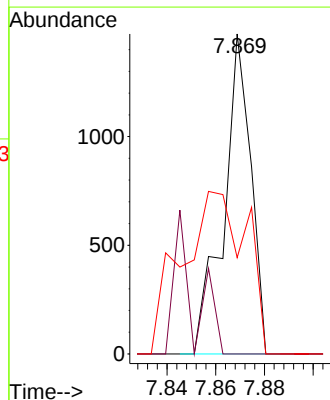
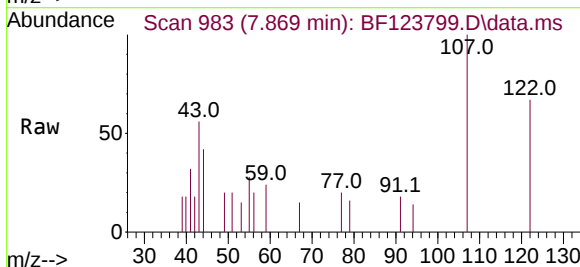
Instrument :
BNA_F
ClientSampleId :
OR-02-043021

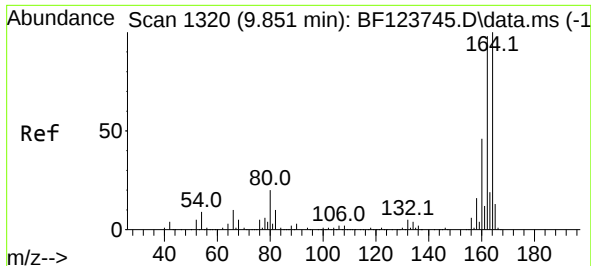
Tgt Ion: 82 Resp: 774918
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.49 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion: 122 Resp: 1137
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 30.1 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF123799.D

Acq: 4 May 2021 1:58

Tgt Ion:164 Resp: 422567

Ion Ratio Lower Upper

164 100

162 100.7 80.7 121.1

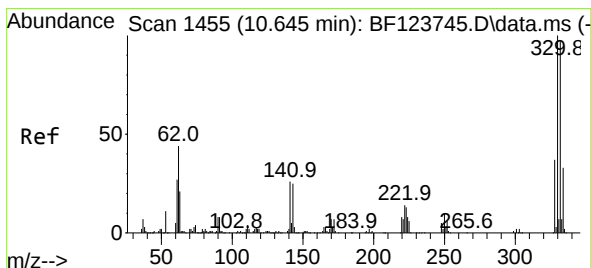
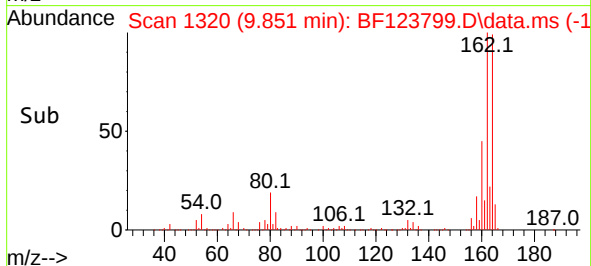
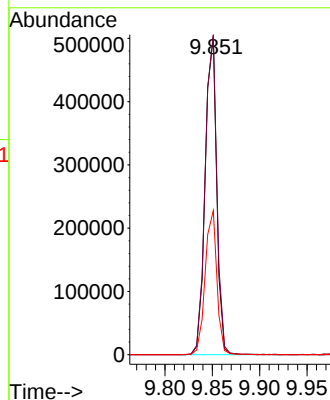
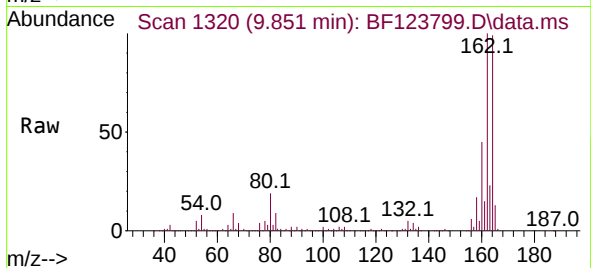
160 45.3 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

OR-02-043021



#42

2,4,6-Tribromophenol

Concen: 45.15 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF123799.D

Acq: 4 May 2021 1:58

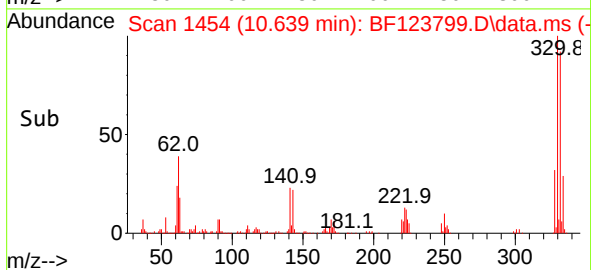
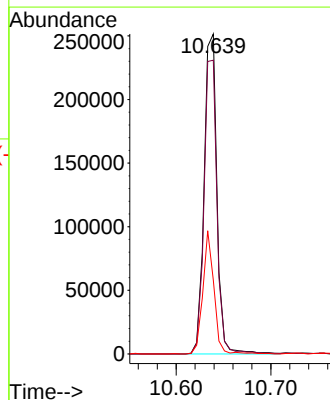
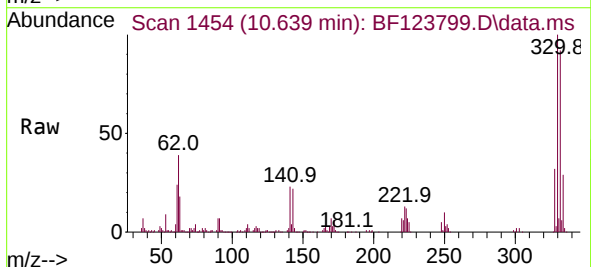
Tgt Ion:330 Resp: 237527

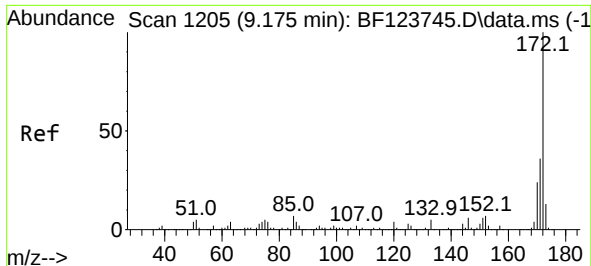
Ion Ratio Lower Upper

330 100

332 93.1 77.1 115.7

141 33.3 27.9 41.9

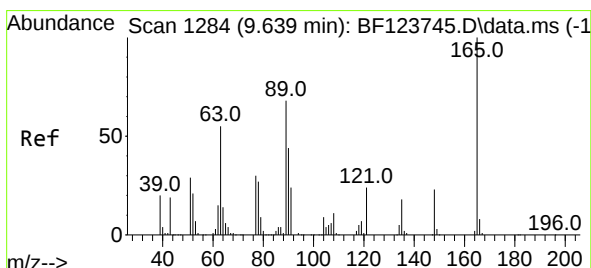
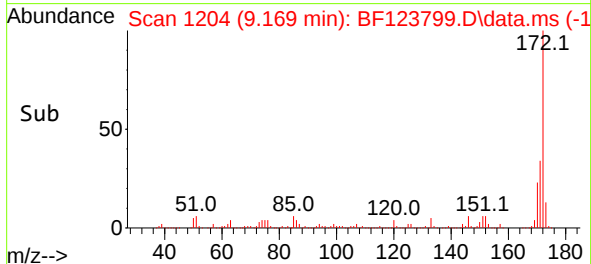
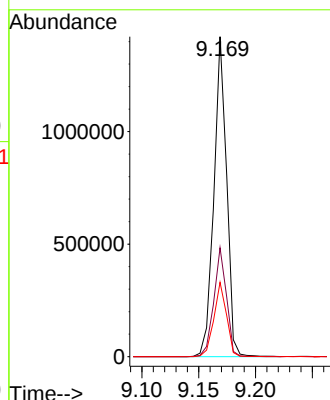
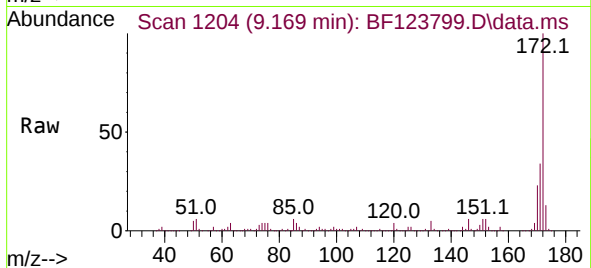




#45
2-Fluorobiphenyl
Concen: 38.04 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

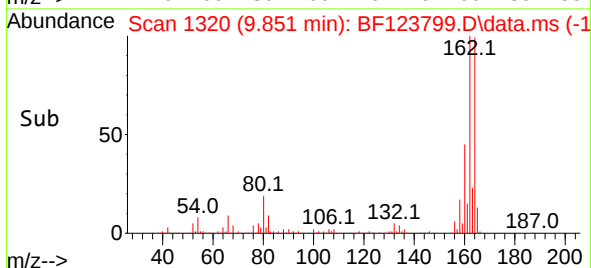
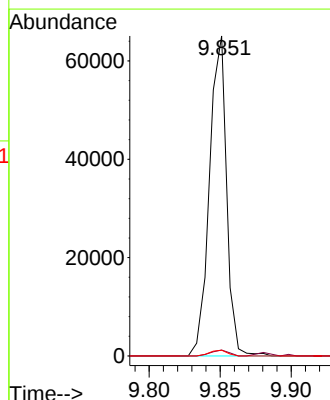
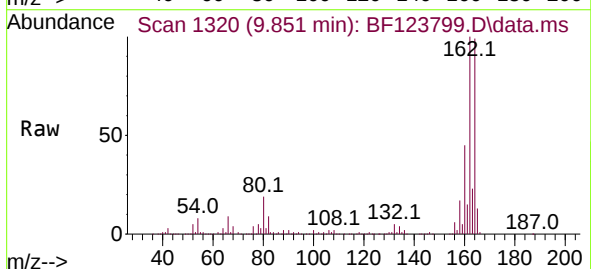
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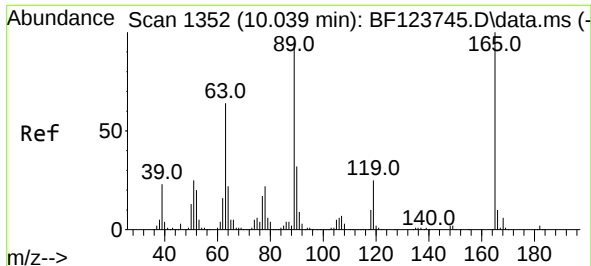
Tgt Ion:172 Resp: 1103713
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.3 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:165 Resp: 54595
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 1.8 58.8 88.2#

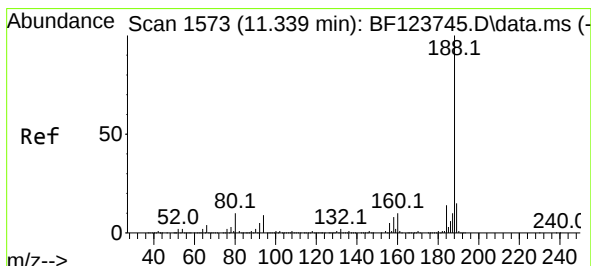
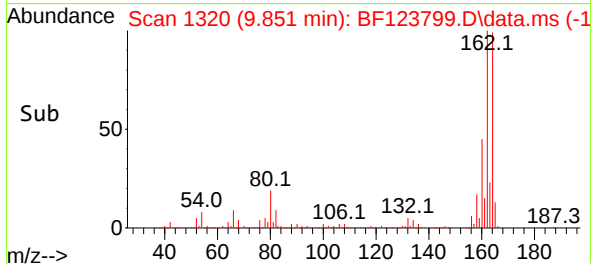
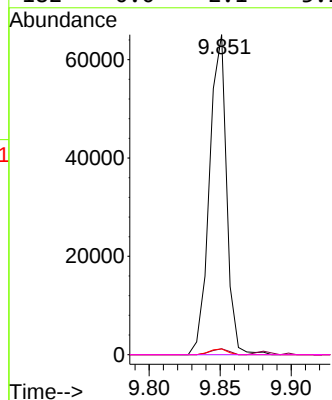
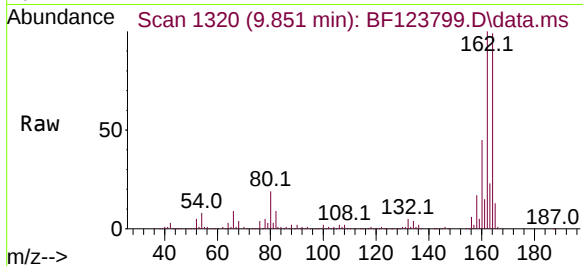




#57
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

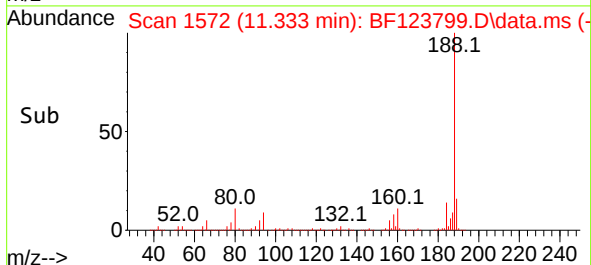
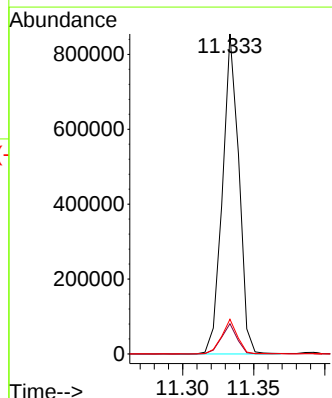
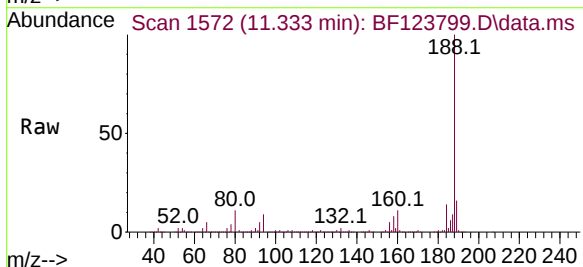
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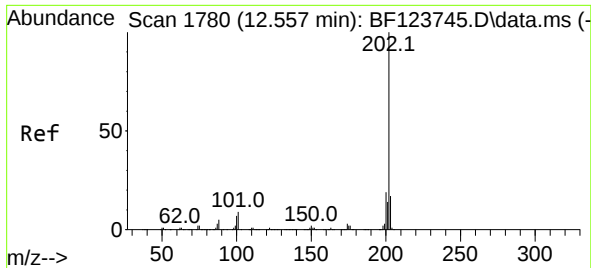
Tgt Ion:165	Resp:	54595
Ion Ratio	Lower	Upper
165	100	
63	1.9	43.5 65.3#
89	1.8	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:188	Resp:	683131
Ion Ratio	Lower	Upper
188	100	
94	9.5	6.9 10.3
80	10.8	8.2 12.2

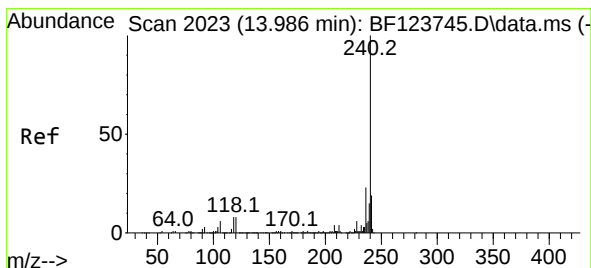
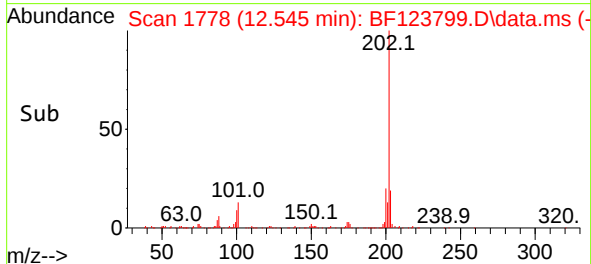
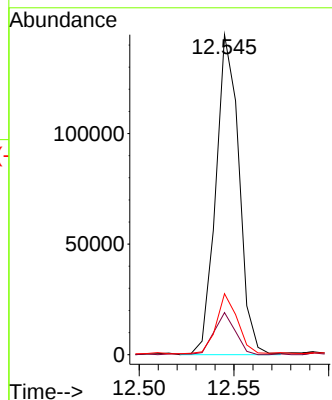
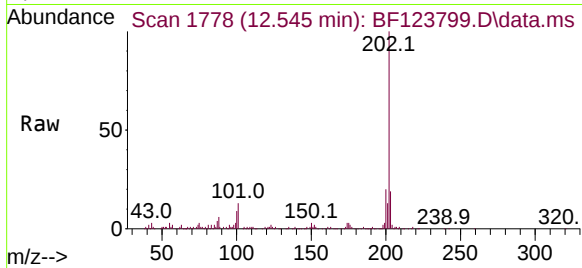




#75
Fluoranthene
Concen: 3.15 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

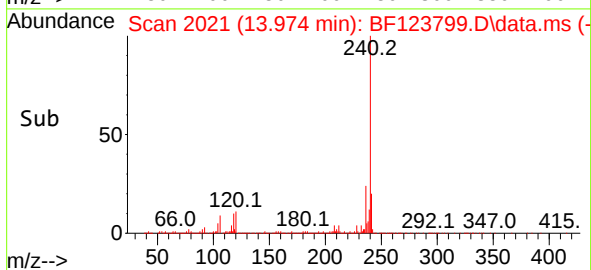
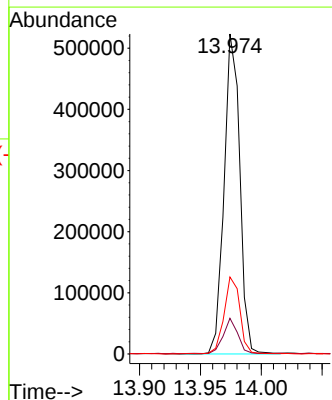
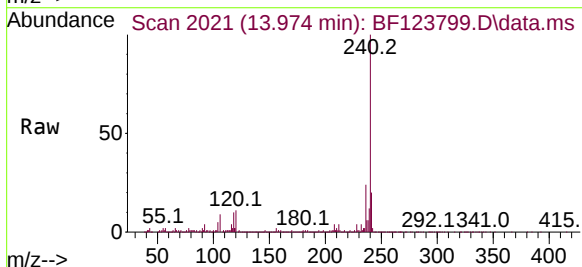
Instrument :
BNA_F
ClientSampleId :
OR-02-043021

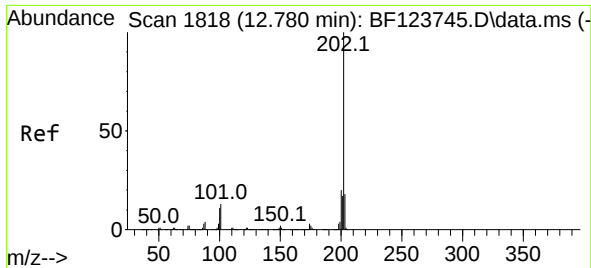
Tgt Ion:202	Resp:	123178
Ion Ratio	Lower	Upper
202	100	
101	13.2	0.0 30.9
203	19.1	0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:240	Resp:	469828
Ion Ratio	Lower	Upper
240	100	
120	11.2	7.2 10.8#
236	24.1	19.0 28.4

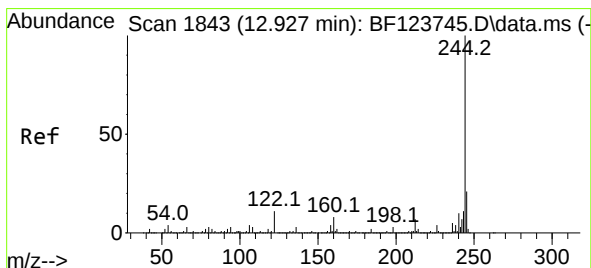
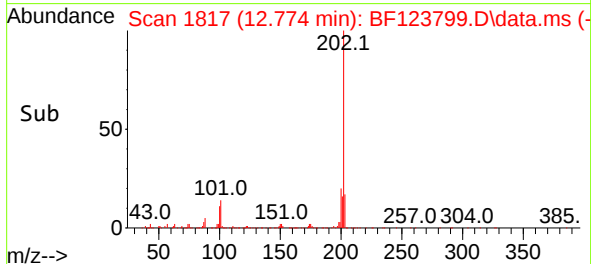
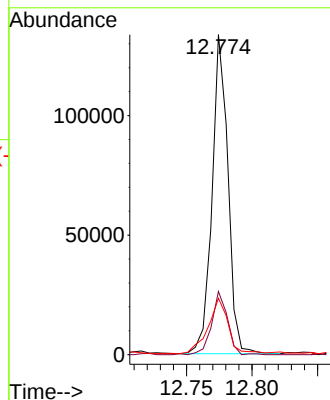
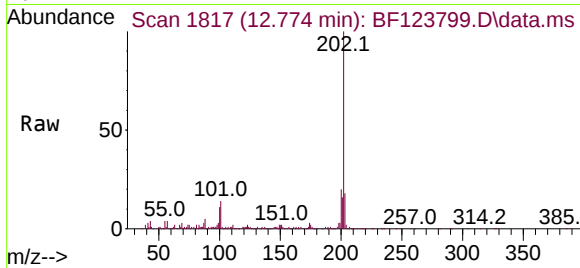




#78
Pyrene
Concen: 3.08 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

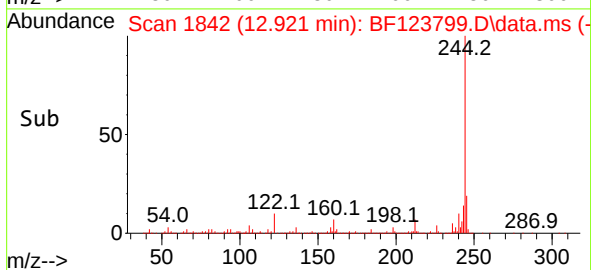
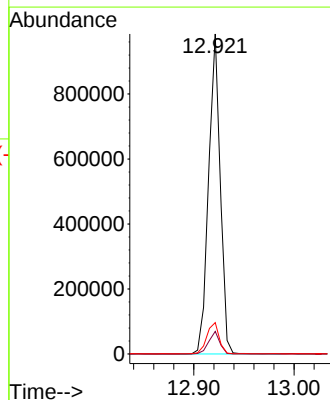
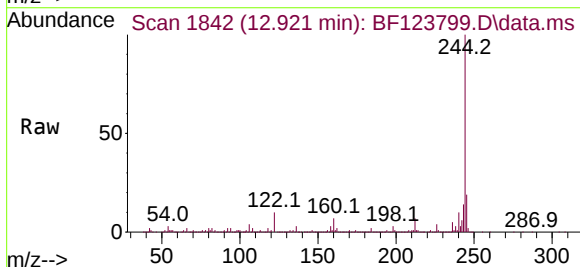
Instrument :
BNA_F
ClientSampleId :
OR-02-043021

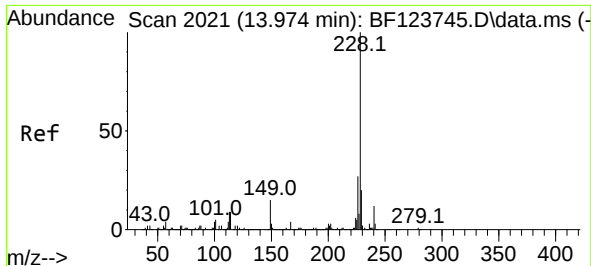
Tgt Ion:	202	Resp:	112333
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.1	24.1
203	17.6	14.8	22.2



#79
Terphenyl-d14
Concen: 32.76 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:	244	Resp:	799190
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	9.8	9.7	14.5

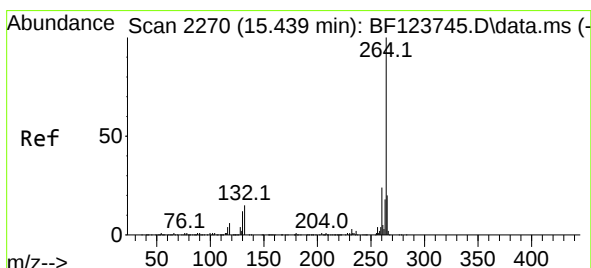
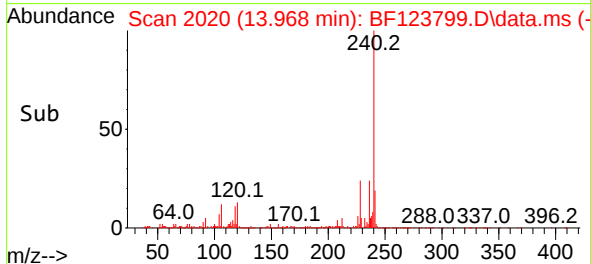
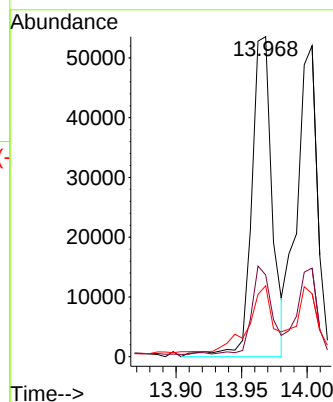
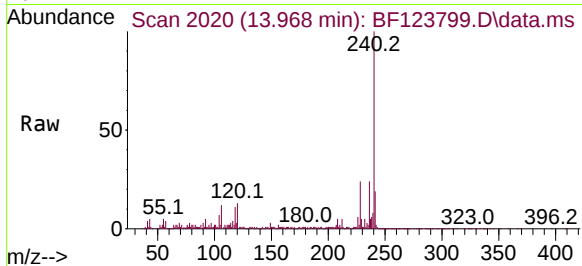




#81
Benzo(a)anthracene
Concen: 2.05 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

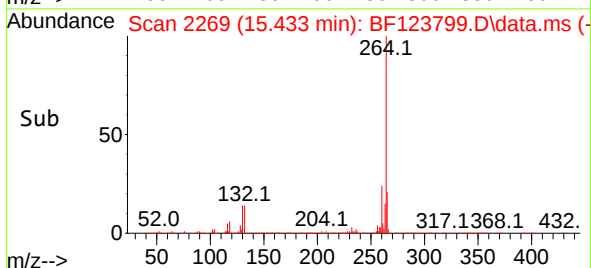
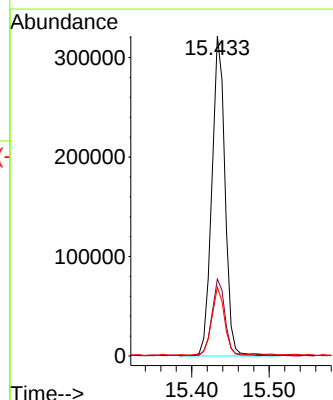
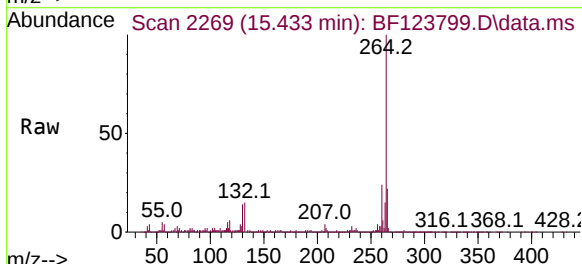
Instrument :
BNA_F
ClientSampleId :
OR-02-043021

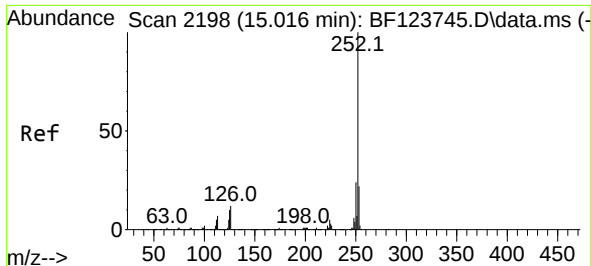
Tgt Ion:228 Resp: 58272
Ion Ratio Lower Upper
228 100
226 25.5 22.4 33.6
229 22.1 16.0 24.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:264 Resp: 379977
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.6 17.8 26.8

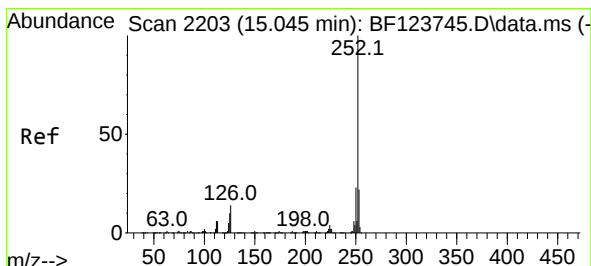
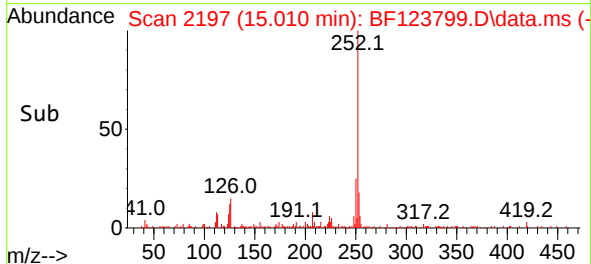
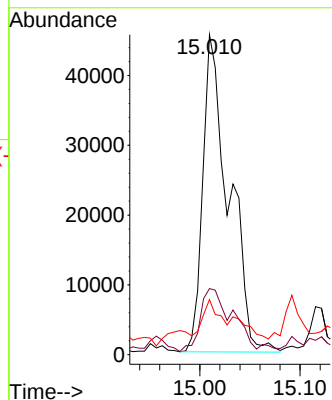
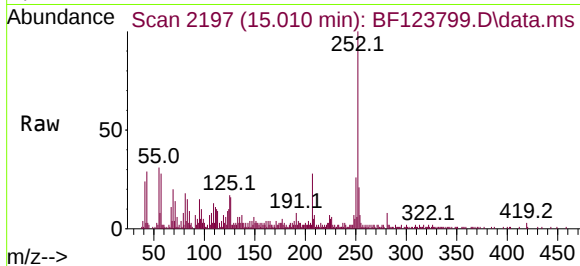




#88
Benzo(b)fluoranthene
Concen: 3.21 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Instrument :
BNA_F
ClientSampleId :
OR-02-043021

Tgt Ion:252 Resp: 82236
Ion Ratio Lower Upper
252 100
253 20.6 18.1 27.1
125 17.2 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.37 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BF123799.D
Acq: 4 May 2021 1:58

Tgt Ion:252 Resp: 82236
Ion Ratio Lower Upper
252 100
253 20.6 17.9 26.9
125 17.2 7.0 10.6#

