

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123982.D
 Acq On : 18 May 2021 17:03
 Operator : JU/CG
 Sample : M2436-04 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Quant Time: May 19 03:18:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

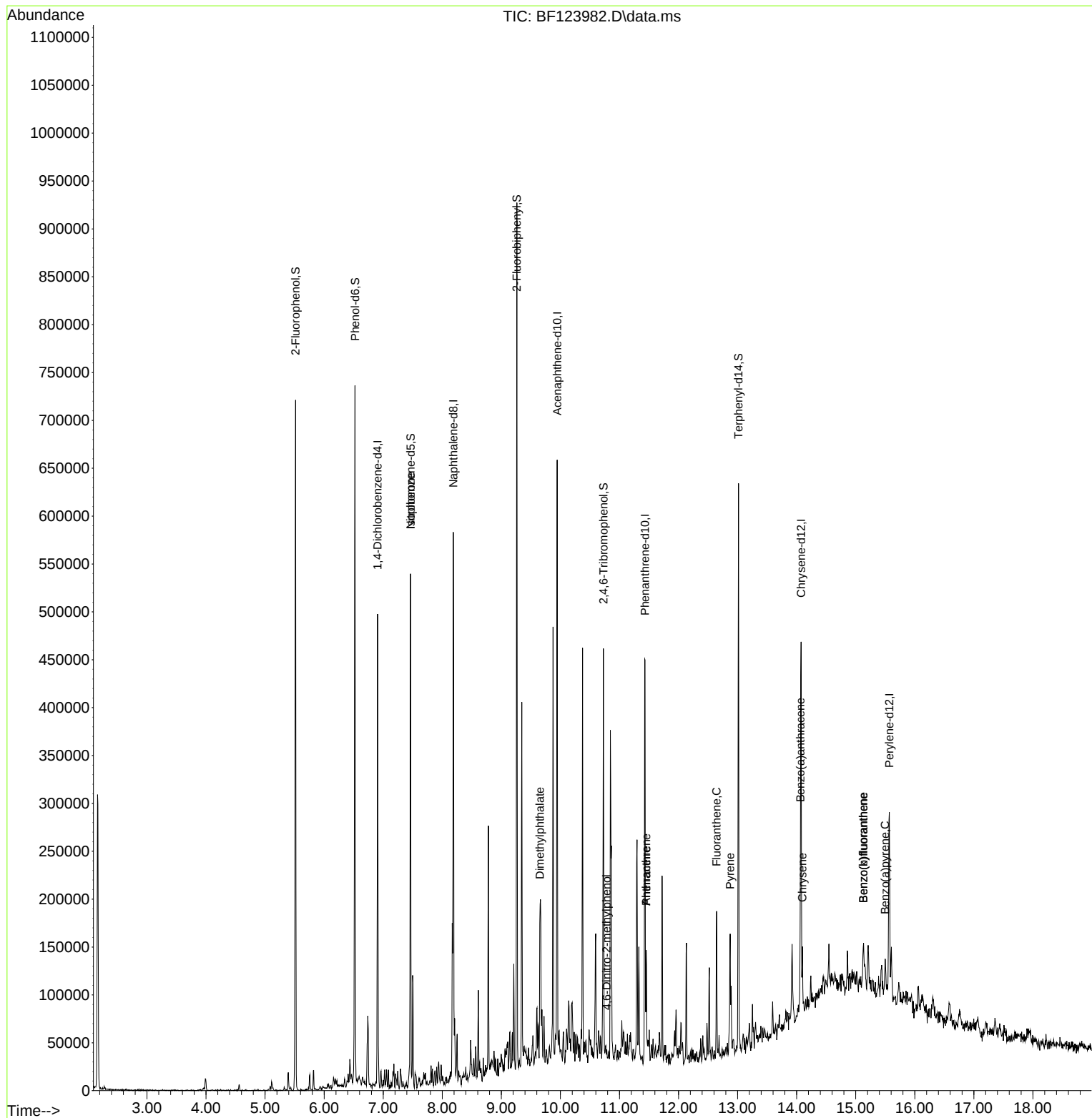
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	54494	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	203254	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	101634	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	141224	20.00	ng	0.00
76) Chrysene-d12	14.074	240	113833	20.00	ng	0.00
86) Perylene-d12	15.568	264	78504	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	139353	35.90	ng	0.00
7) Phenol-d6	6.522	99	176921	35.14	ng	0.00
23) Nitrobenzene-d5	7.463	82	132544	28.10	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	36818	30.16	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	208718	25.27	ng	0.00
79) Terphenyl-d14	13.016	244	152205	20.25	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.463	82	132544	14.61	ng	# 69
50) Dimethylphthalate	9.651	163	24919	3.07	ng	# 97
65) 4,6-Dinitro-2-methylph...	10.781	198	114	5.55	ng	# 17
71) Phenanthrene	11.451	178	36913	4.12	ng	97
72) Anthracene	11.451	178	36913	4.07	ng	97
75) Fluoranthene	12.645	202	52300	5.64	ng	96
78) Pyrene	12.874	202	46717	4.62	ng	99
81) Benzo(a)anthracene	14.063	228	24089	2.93	ng	# 94
83) Chrysene	14.098	228	19439	2.46	ng	94
88) Benzo(b)fluoranthene	15.127	252	28266	4.65	ng	# 89
89) Benzo(k)fluoranthene	15.127	252	28266	5.11	ng	# 90
90) Benzo(a)pyrene	15.498	252	13054	2.49	ng	# 86

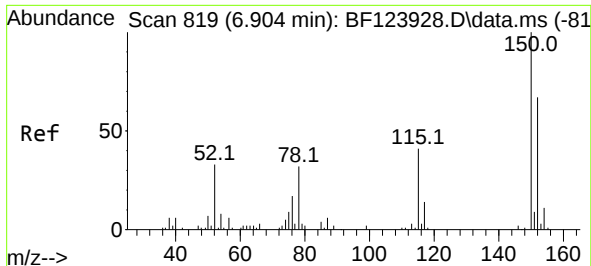
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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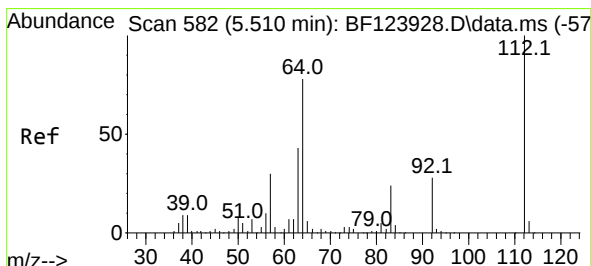
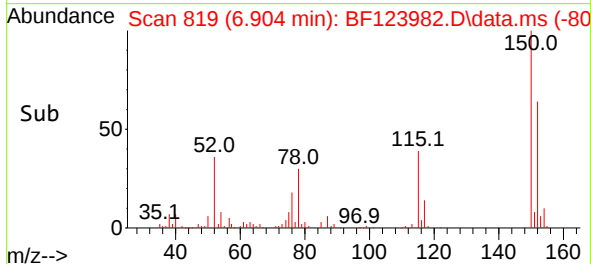
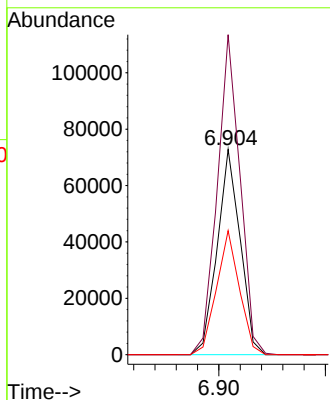
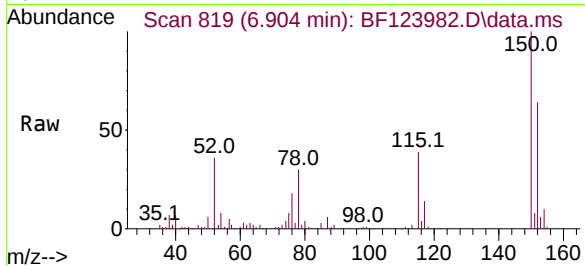




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

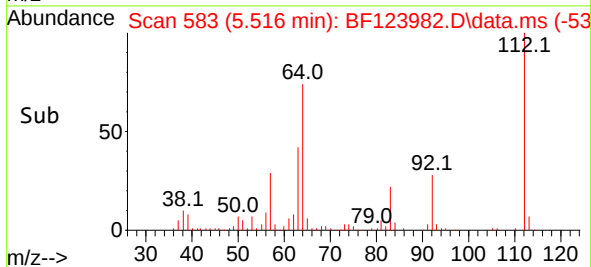
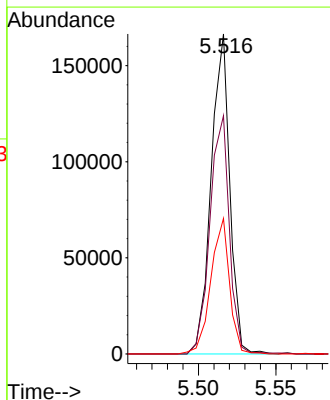
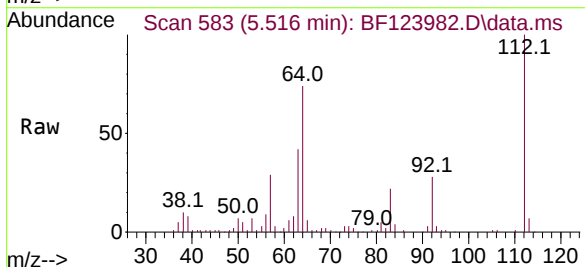
Instrument :
BNA_F
ClientSampleId :
TP-2A

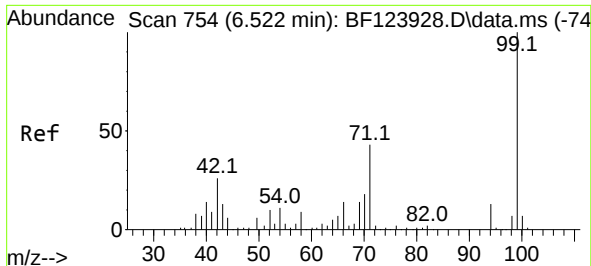
Tgt Ion:152 Resp: 54494
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 60.5 54.3 81.5



#5
2-Fluorophenol
Concen: 35.90 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion:112 Resp: 139353
Ion Ratio Lower Upper
112 100
64 74.4 61.4 92.0
63 42.4 33.0 49.4

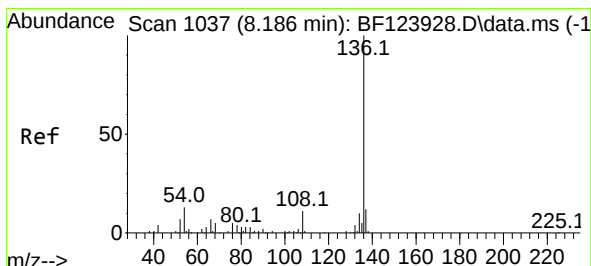
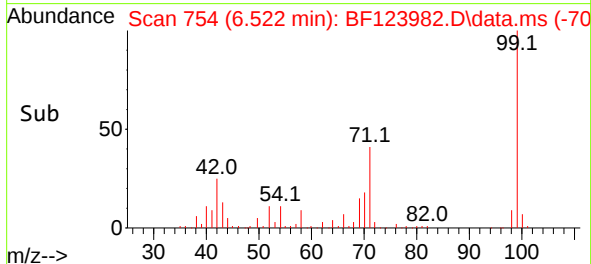
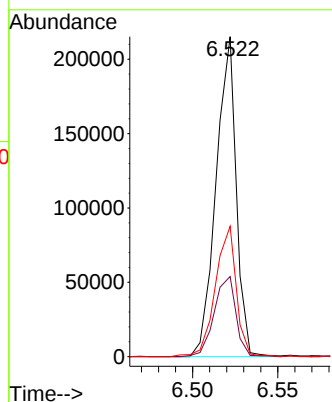
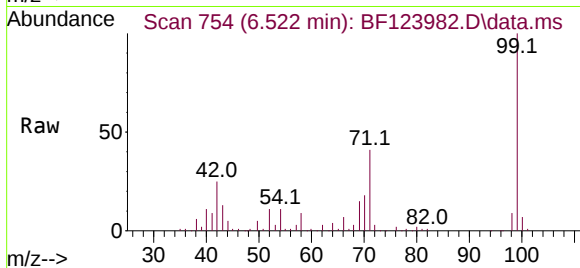




#7
Phenol-d6
Concen: 35.14 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

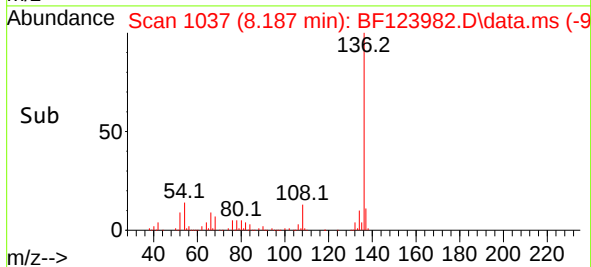
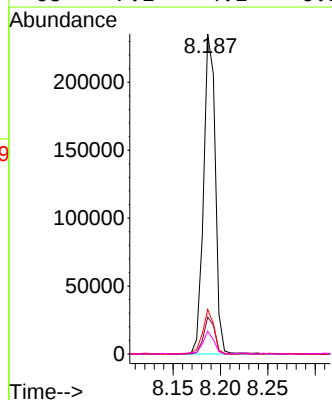
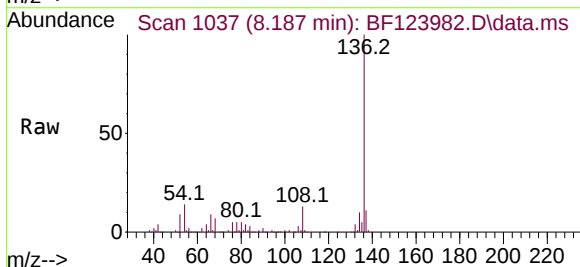
Instrument :
BNA_F
ClientSampleId :
TP-2A

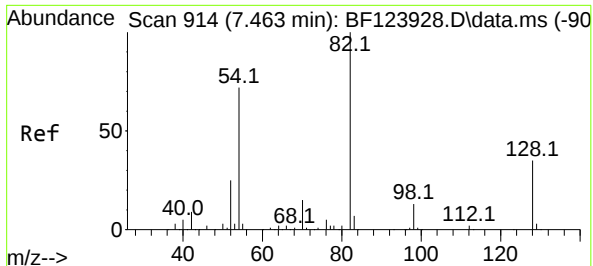
Tgt Ion: 99 Resp: 176921
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.8
71 40.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion: 136 Resp: 203254
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 13.9 9.8 14.6
68 7.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 28.10 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF123982.D

Acq: 18 May 2021 17:03

Tgt Ion: 82 Resp: 132544

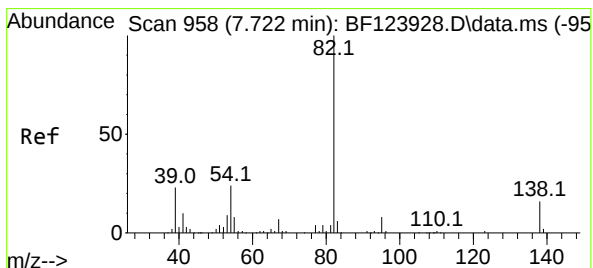
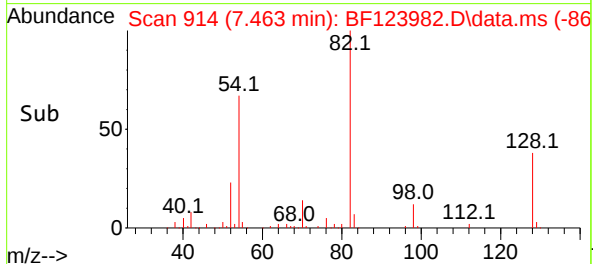
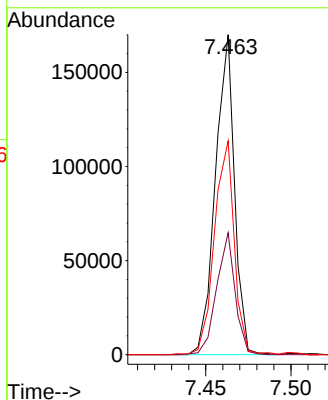
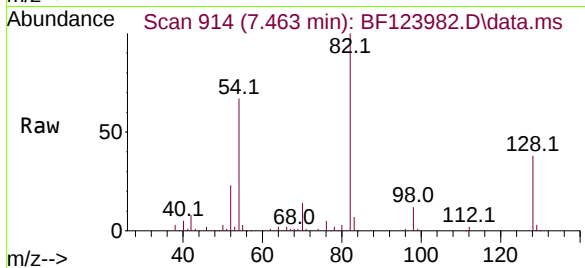
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	66.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

TP-2A



#25

Isophorone

Concen: 14.61 ng

RT: 7.463 min Scan# 914

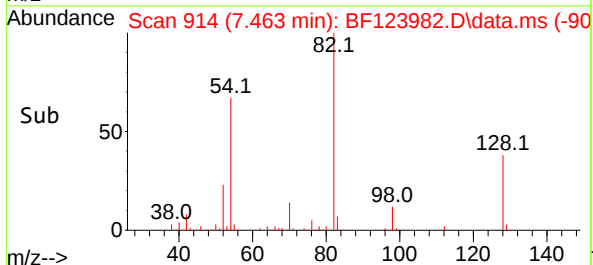
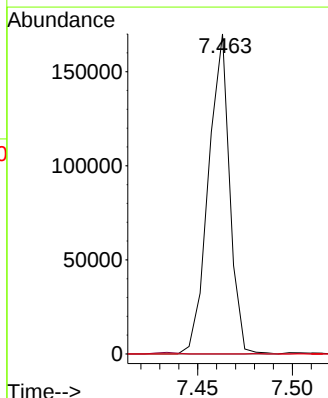
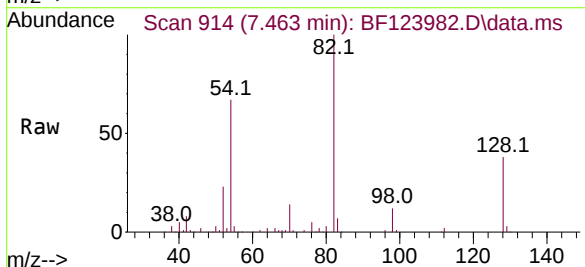
Delta R.T. -0.259 min

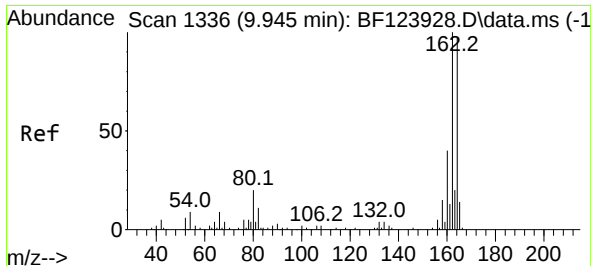
Lab File: BF123982.D

Acq: 18 May 2021 17:03

Tgt Ion: 82 Resp: 132544

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

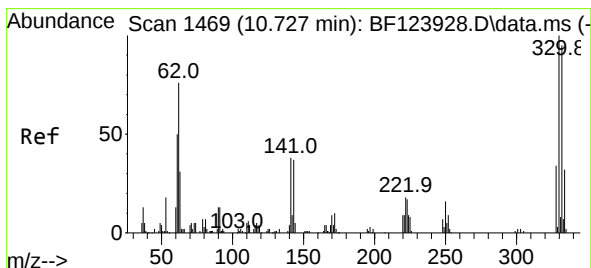
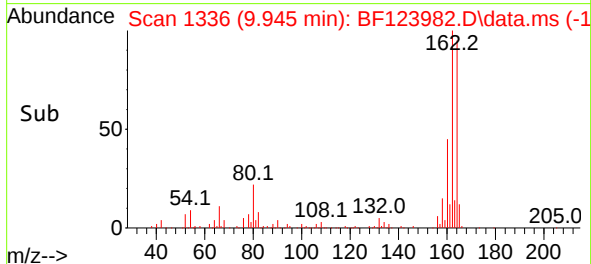
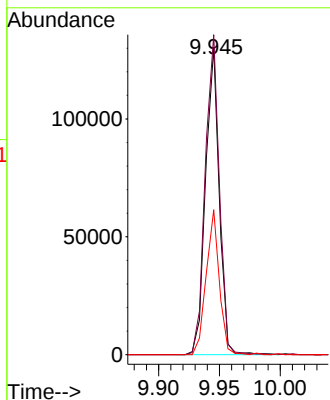
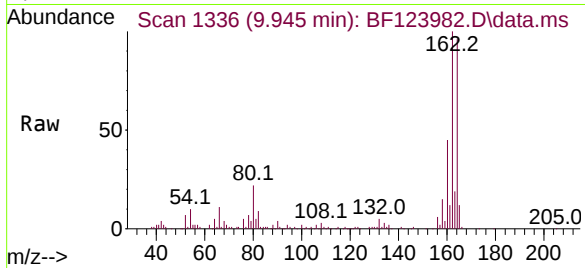




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

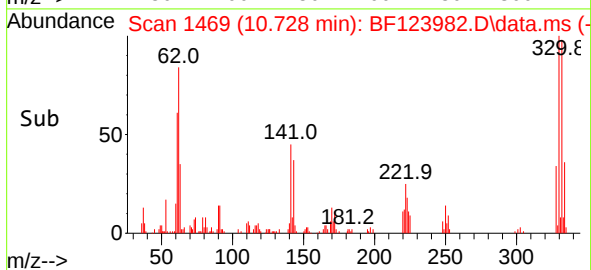
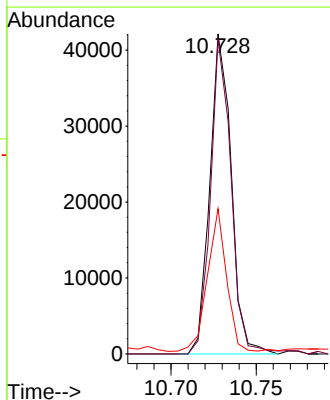
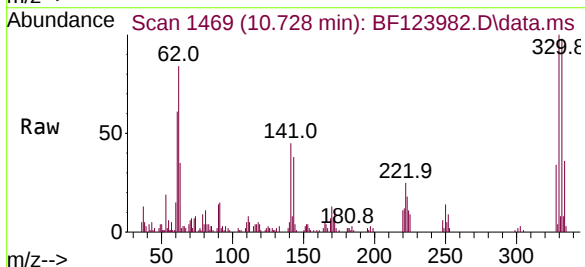
Instrument :
BNA_F
ClientSampleId :
TP-2A

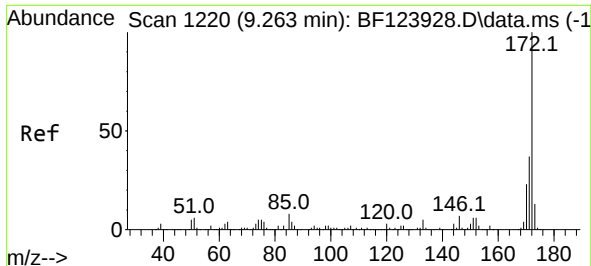
Tgt Ion:164 Resp: 101634
Ion Ratio Lower Upper
164 100
162 104.2 80.7 121.1
160 47.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 30.16 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion:330 Resp: 36818
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 42.5 27.9 41.9#

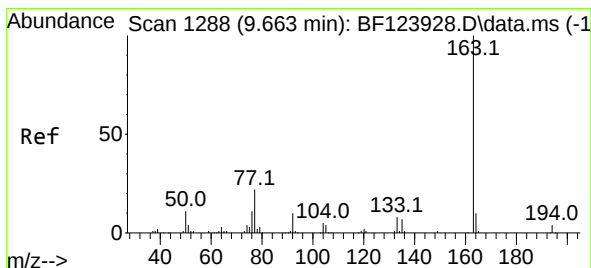
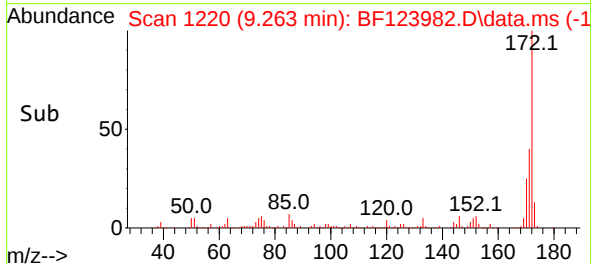
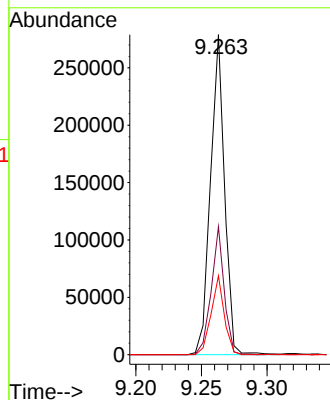
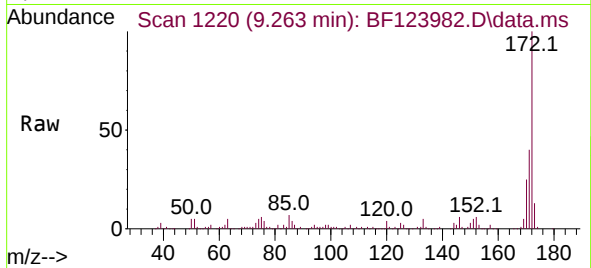




#45
2-Fluorobiphenyl
Concen: 25.27 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

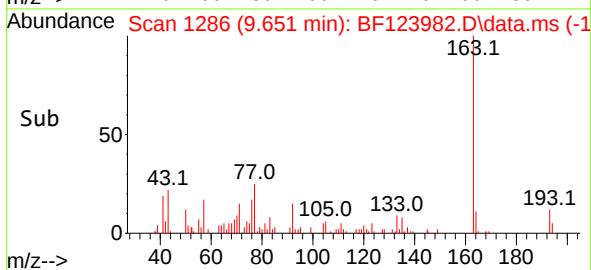
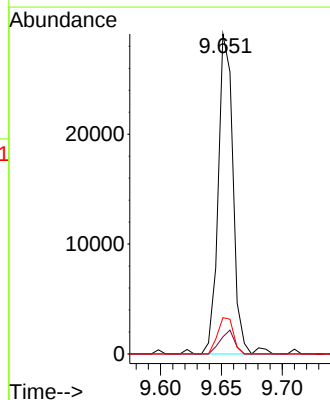
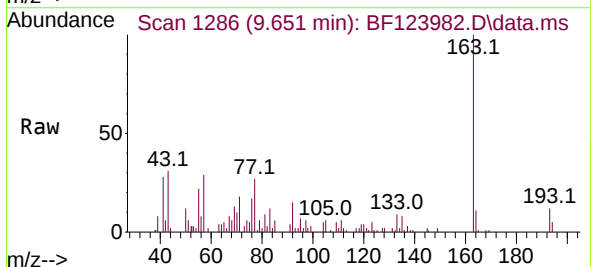
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ClientSampleId :
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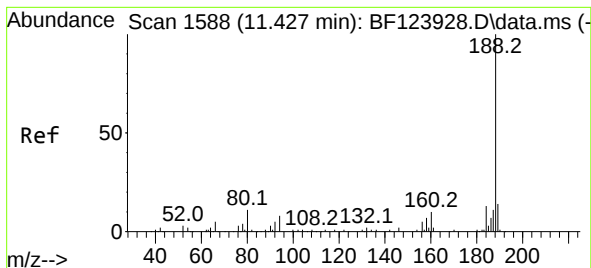
Tgt Ion:172 Resp: 208718
Ion Ratio Lower Upper
172 100
171 40.0 28.1 42.1
170 24.6 19.2 28.8



#50
Dimethylphthalate
Concen: 3.07 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion:163 Resp: 24919
Ion Ratio Lower Upper
163 100
194 5.4 3.1 4.7#
164 11.3 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.006 min

Lab File: BF123982.D

Acq: 18 May 2021 17:03

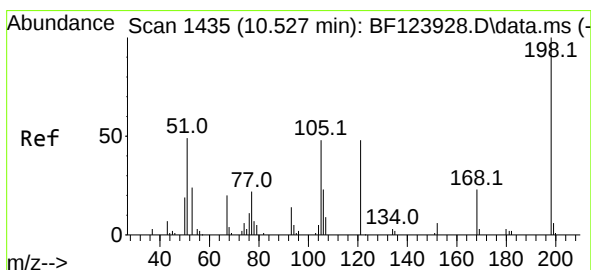
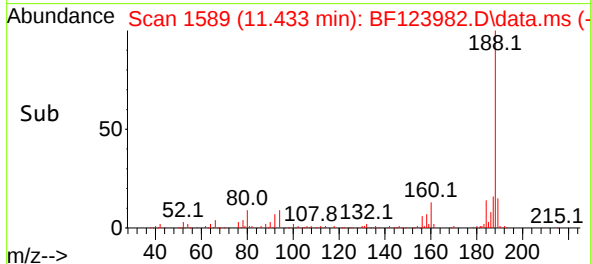
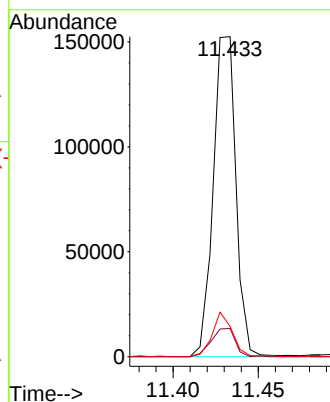
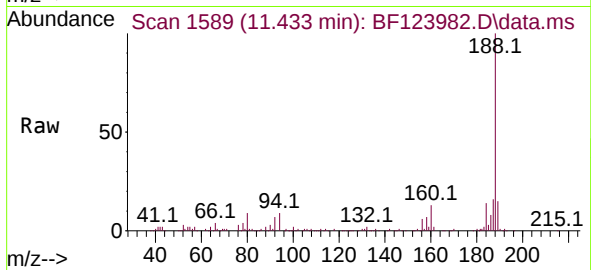
Tgt Ion:188 Resp: 141224

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 9.4 8.2 12.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.55 ng

RT: 10.781 min Scan# 1478

Delta R.T. 0.254 min

Lab File: BF123982.D

Acq: 18 May 2021 17:03

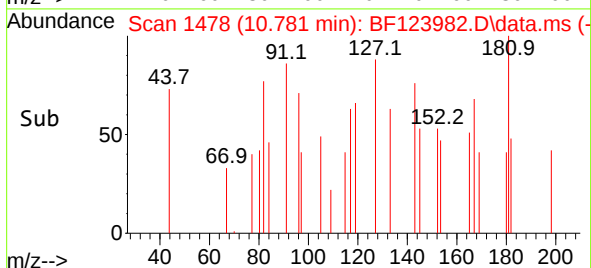
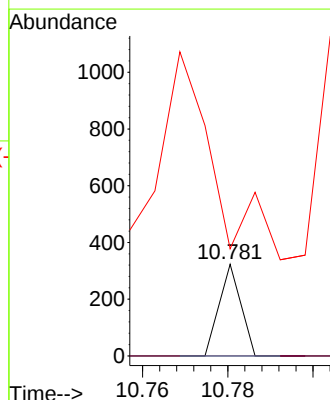
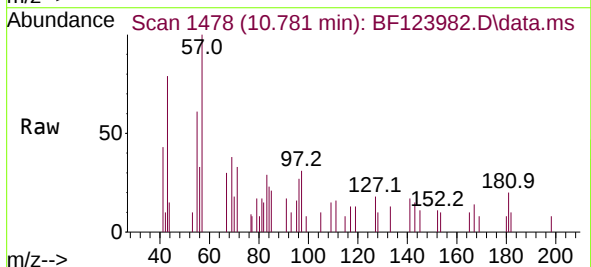
Tgt Ion:198 Resp: 114

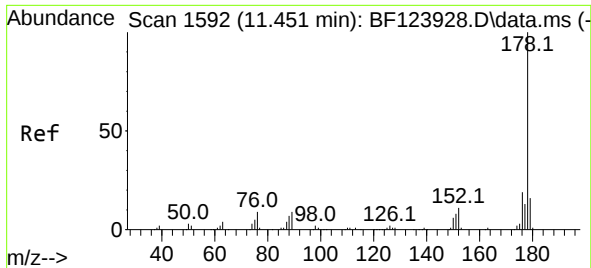
Ion Ratio Lower Upper

198 100

51 0.0 64.8 104.8#

105 117.0 42.6 82.6#

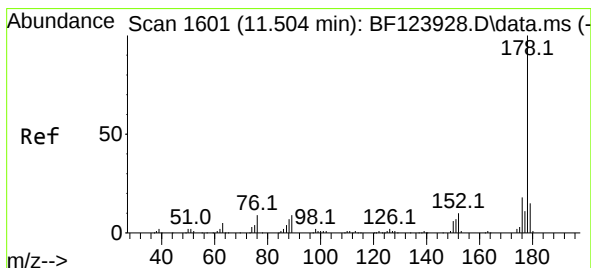
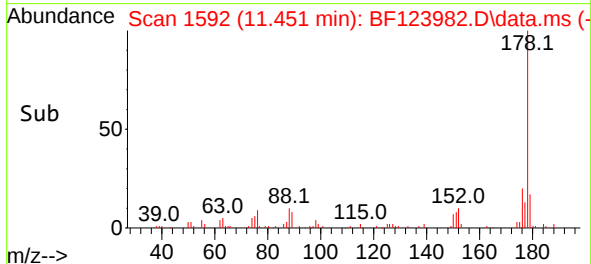
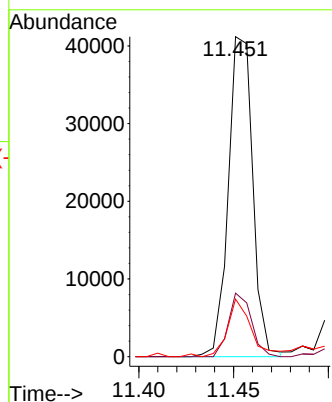
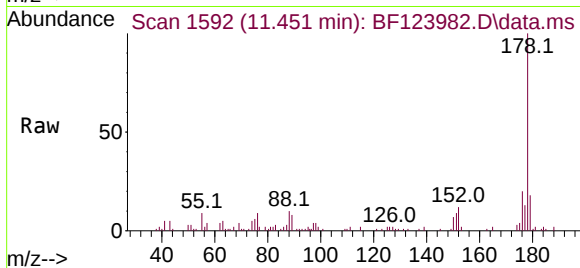




#71
Phenanthrene
Concen: 4.12 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

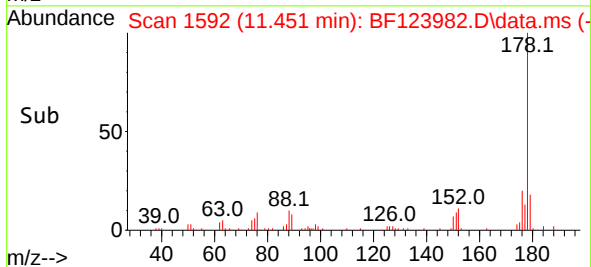
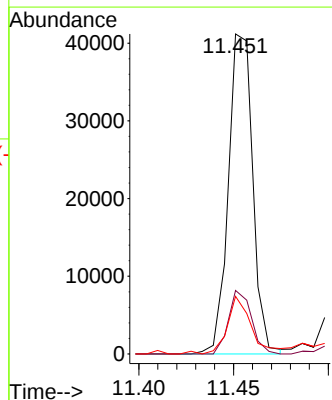
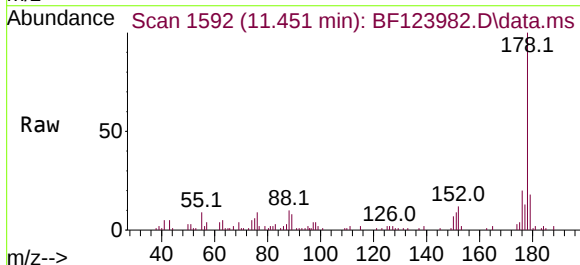
Instrument :
BNA_F
ClientSampled :
TP-2A

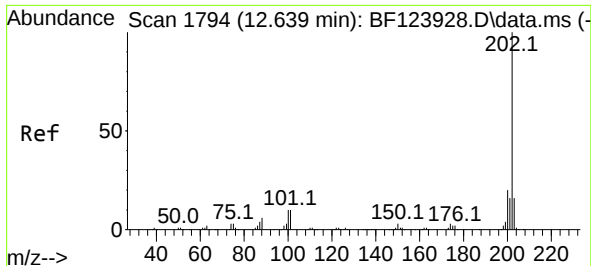
Tgt Ion:178 Resp: 36913
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 18.0 12.5 18.7



#72
Anthracene
Concen: 4.07 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.053 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion:178 Resp: 36913
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 18.0 12.6 18.8

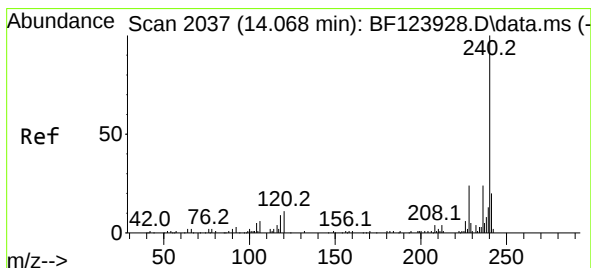
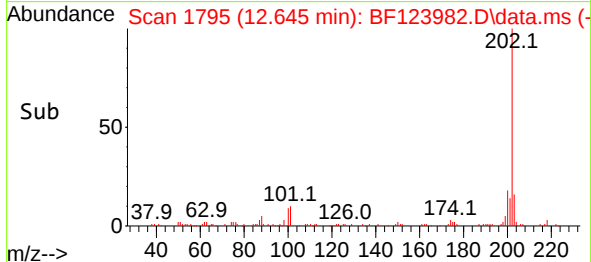
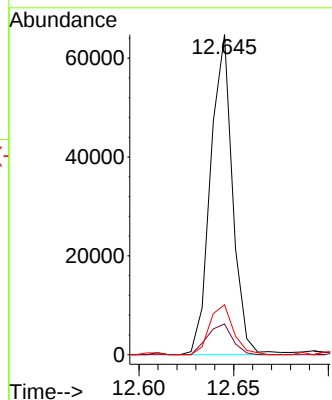
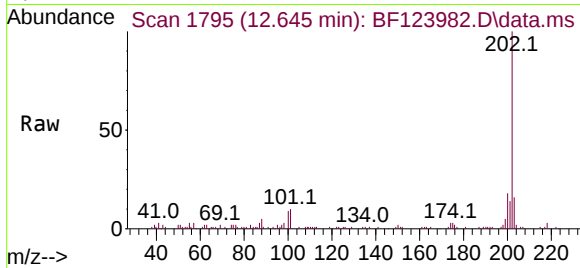




#75
Fluoranthene
Concen: 5.64 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

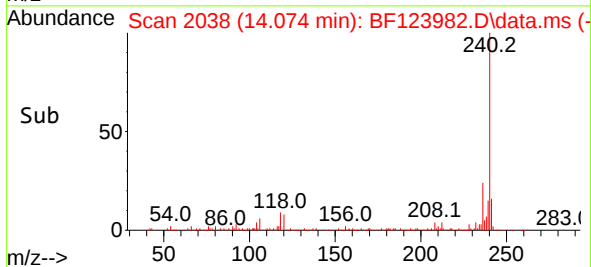
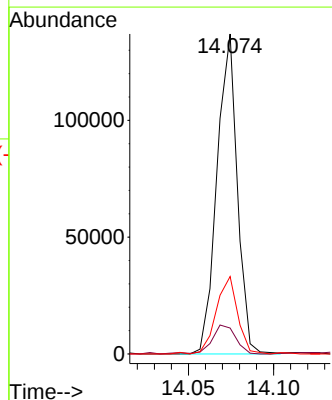
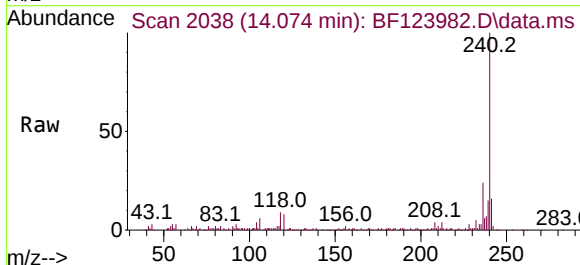
Instrument :
BNA_F
ClientSampleId :
TP-2A

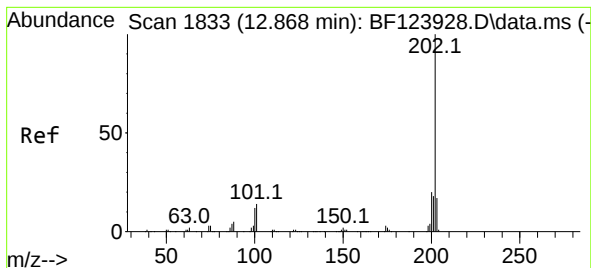
Tgt Ion:202 Resp: 52300
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.9
203 15.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion:240 Resp: 113833
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 24.2 19.0 28.4





#78

Pyrene

Concen: 4.62 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BF123982.D

Acq: 18 May 2021 17:03

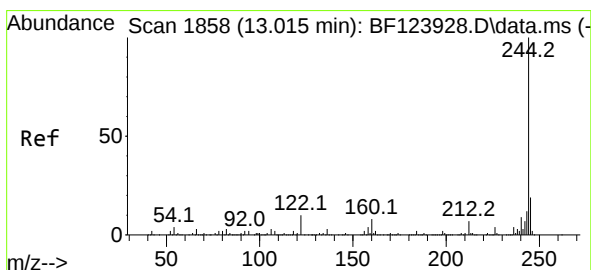
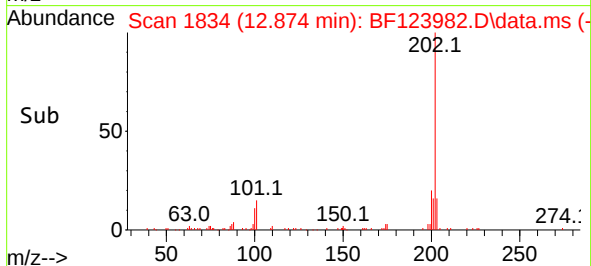
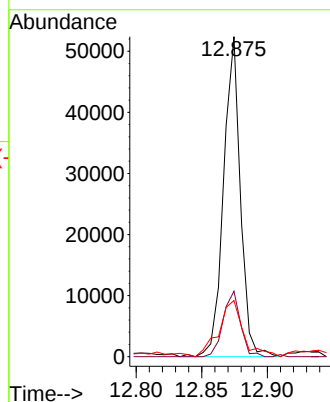
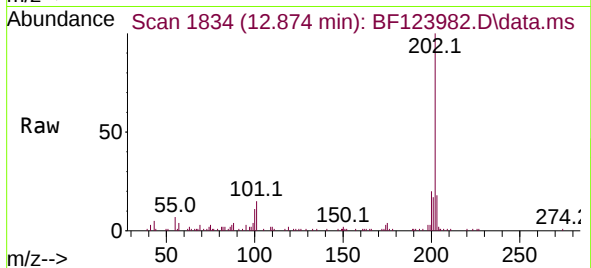
Tgt Ion:202	Resp:	46717
Ion Ratio	Lower	Upper
202	100	
200	20.5	16.1 24.1
203	17.6	14.8 22.2

Instrument :

BNA_F

ClientSampled :

TP-2A



#79

Terphenyl-d14

Concen: 20.25 ng

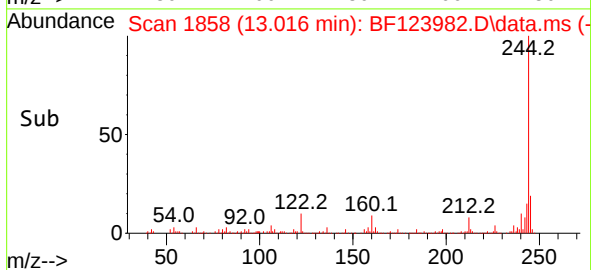
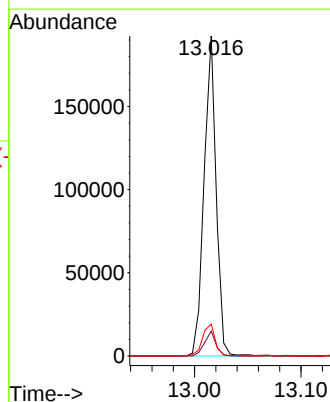
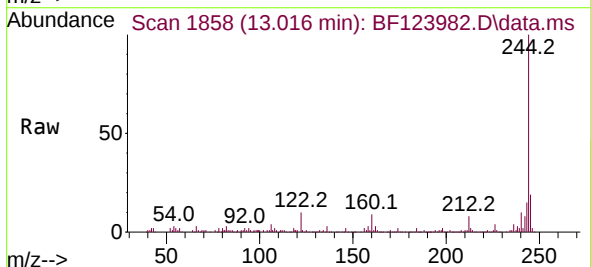
RT: 13.016 min Scan# 1858

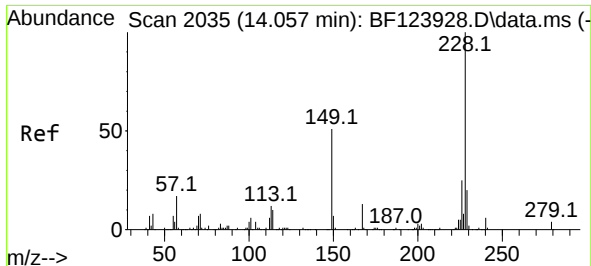
Delta R.T. 0.000 min

Lab File: BF123982.D

Acq: 18 May 2021 17:03

Tgt Ion:244	Resp:	152205
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.7 8.5
122	10.0	9.7 14.5

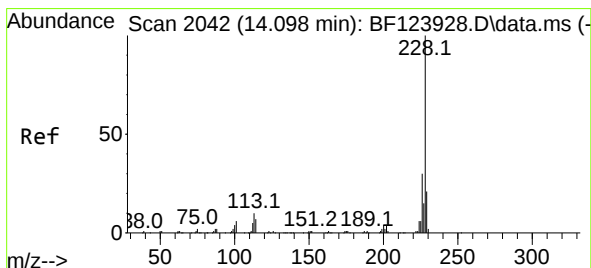
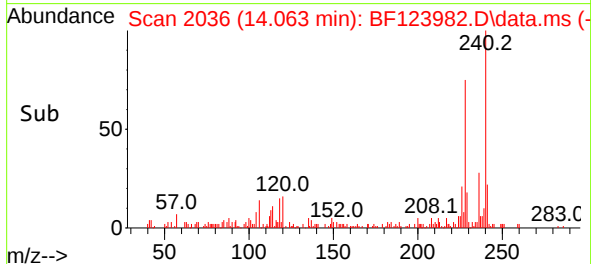
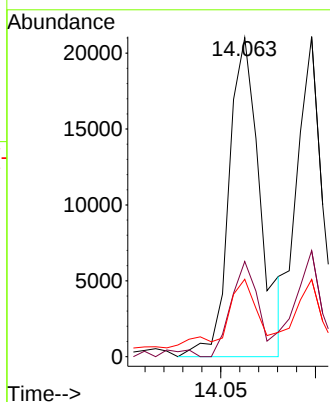
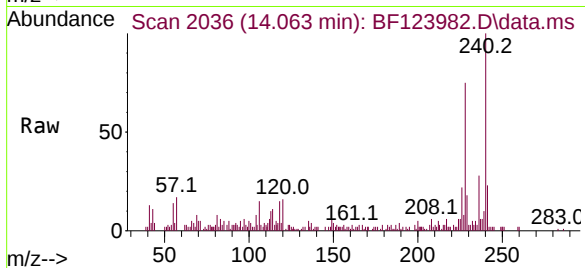




#81
Benzo(a)anthracene
Concen: 2.93 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

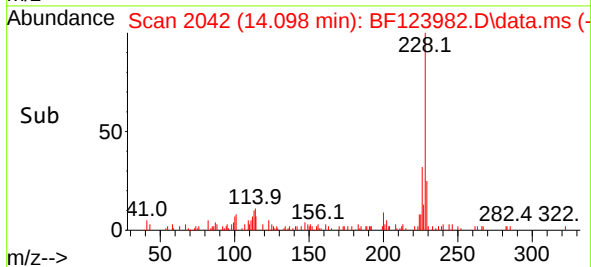
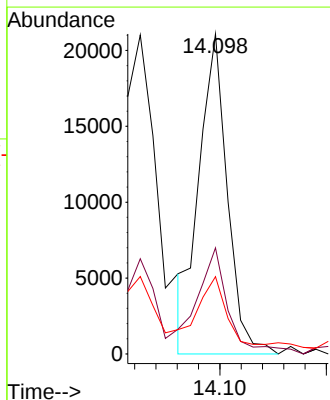
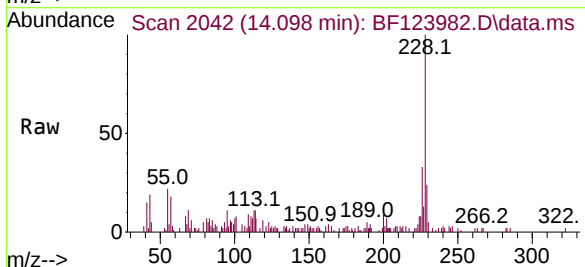
Instrument :
BNA_F
ClientSampled :
TP-2A

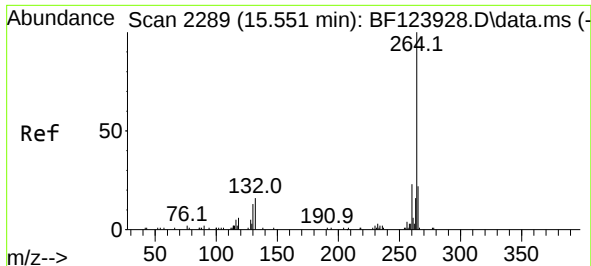
Tgt Ion:228 Resp: 24089
Ion Ratio Lower Upper
228 100
226 29.8 22.4 33.6
229 24.3 16.0 24.0#



#83
Chrysene
Concen: 2.46 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion:228 Resp: 19439
Ion Ratio Lower Upper
228 100
226 33.1 24.3 36.5
229 24.2 16.2 24.2

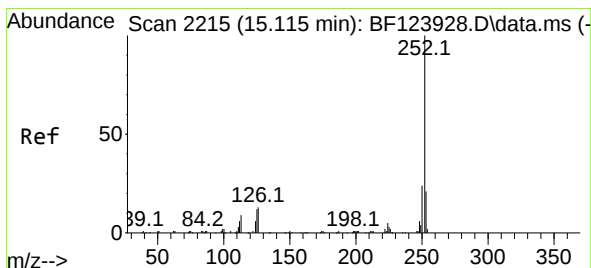
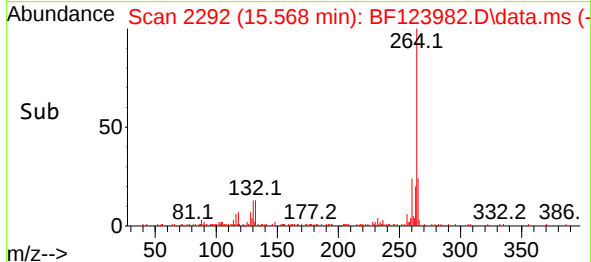
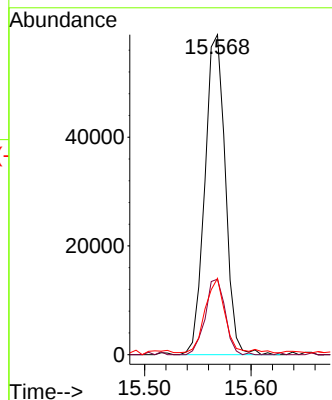
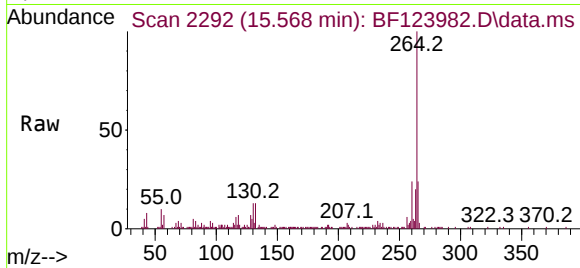




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

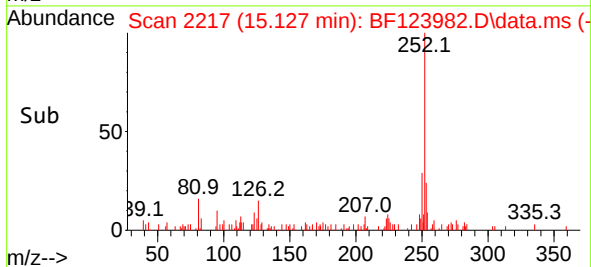
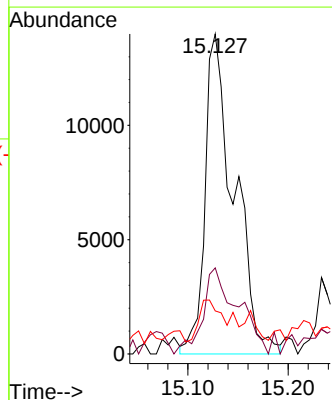
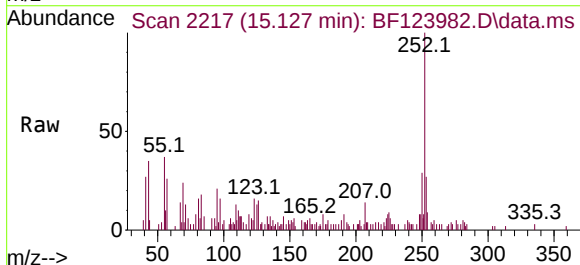
Instrument :
BNA_F
ClientSampled :
TP-2A

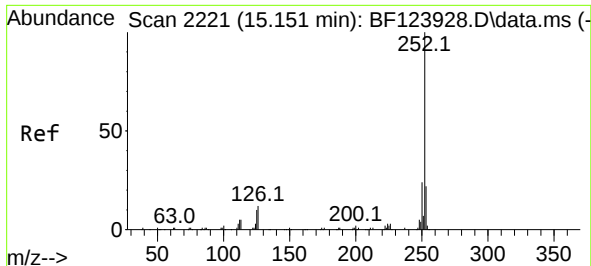
Tgt Ion:	264	Resp:	78504
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	23.9	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 4.65 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF123982.D
Acq: 18 May 2021 17:03

Tgt Ion:	252	Resp:	28266
Ion Ratio	Lower	Upper	
252	100		
253	26.9	18.1	27.1
125	13.5	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 5.11 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.023 min

Lab File: BF123982.D

Acq: 18 May 2021 17:03

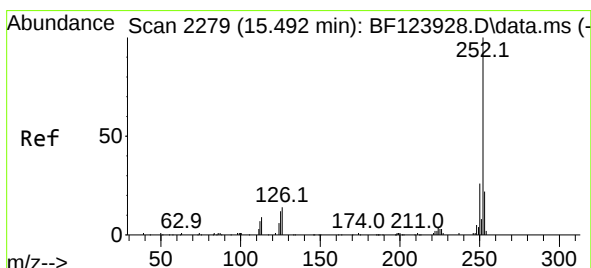
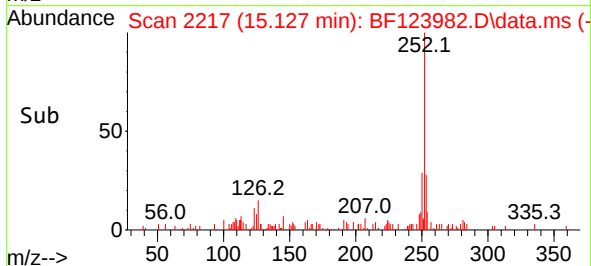
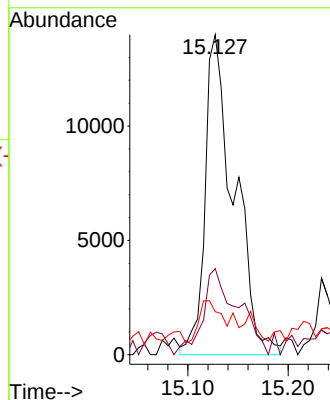
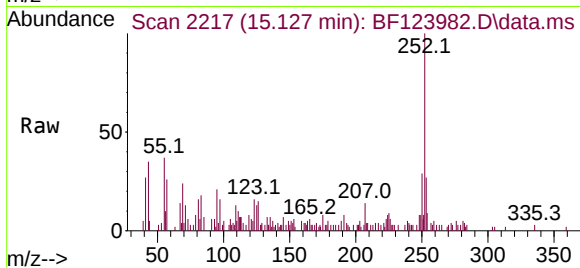
Tgt Ion:	252	Resp:	28266
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.9	26.9#
125	13.5	7.0	10.6#

Instrument :

BNA_F

ClientSampled :

TP-2A



#90

Benzo(a)pyrene

Concen: 2.49 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF123982.D

Acq: 18 May 2021 17:03

Tgt Ion:	252	Resp:	13054
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.4	27.6
125	26.6	8.0	12.0#

