

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124010.D
 Acq On : 20 May 2021 15:39
 Operator : JU/CG
 Sample : M2468-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-5-TP

Quant Time: May 20 16:19:11 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)

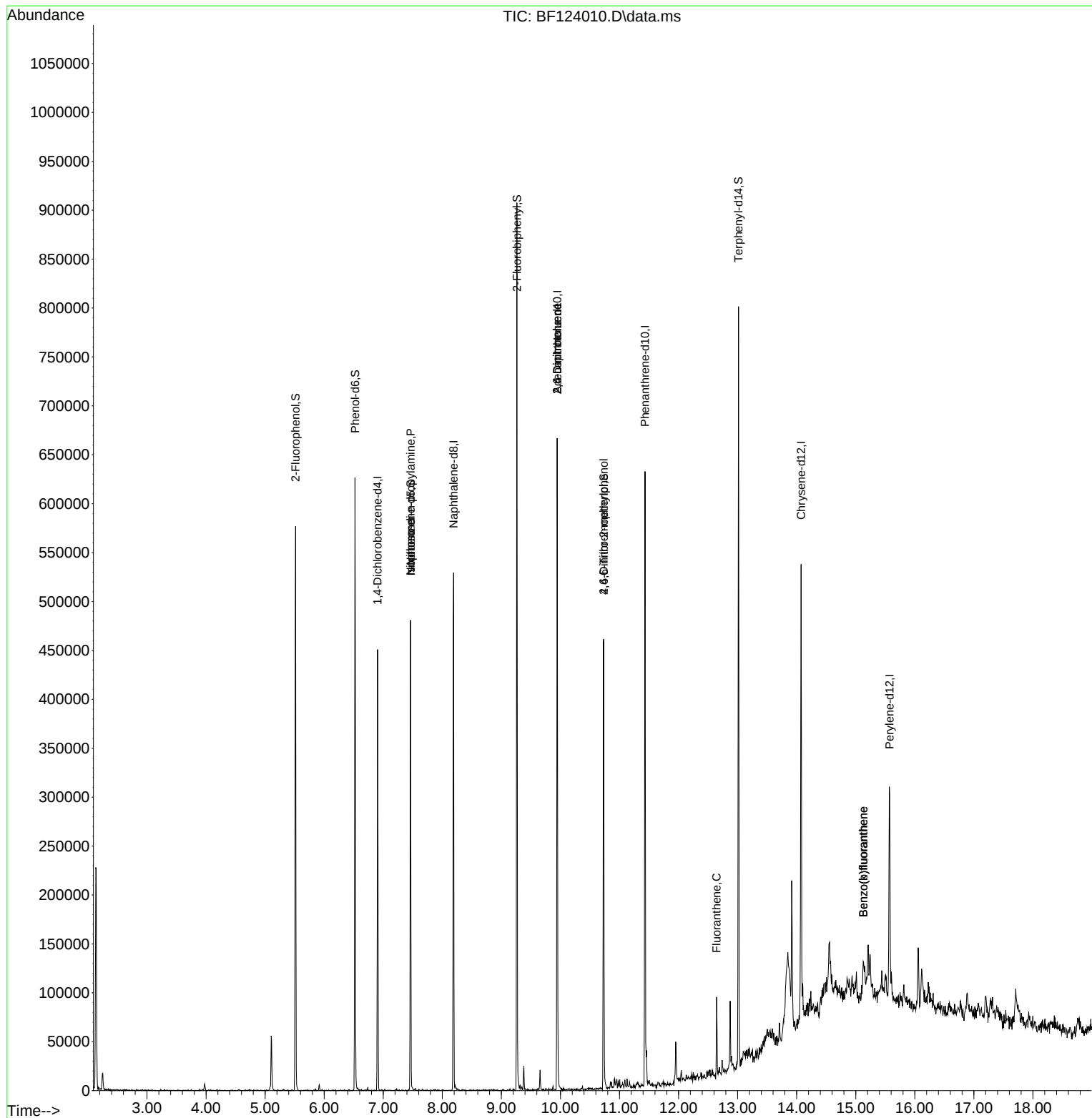
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	48124	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	201105	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	117694	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	195968	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	138149	20.00	ng	0.00
86) Perylene-d12	15.574	264	93759	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	117474	34.27	ng	0.00
7) Phenol-d6	6.522	99	152718	34.35	ng	0.00
23) Nitrobenzene-d5	7.463	82	115156	24.67	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	47665	33.72	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	215223	22.50	ng	0.00
79) Terphenyl-d14	13.016	244	206561	22.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	17656	5.88	ng	# 72
25) Isophorone	7.463	82	115155	12.82	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	15871	8.35	ng	# 13
57) 2,4-Dinitrotoluene	9.945	165	15871	6.81	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.733	198	216	5.59	ng	# 1
75) Fluoranthene	12.645	202	26527	2.06	ng	94
88) Benzo(b)fluoranthene	15.127	252	20594	2.84	ng	# 65
89) Benzo(k)fluoranthene	15.127	252	20594	3.12	ng	# 66

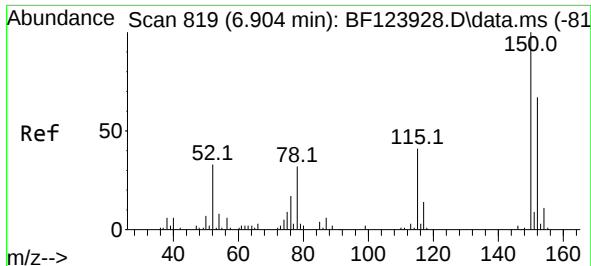
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

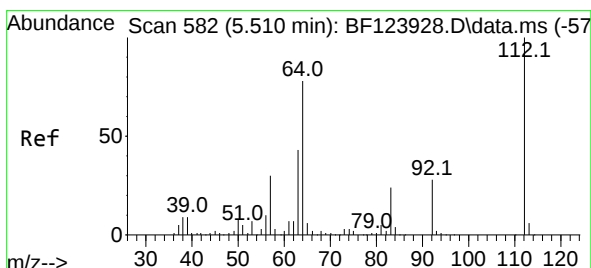
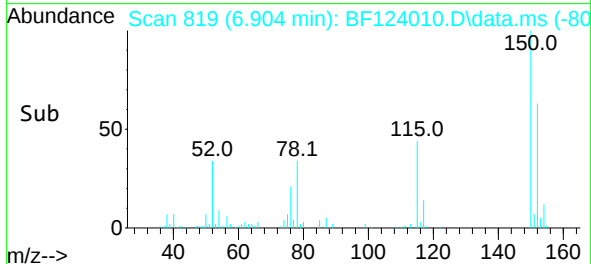
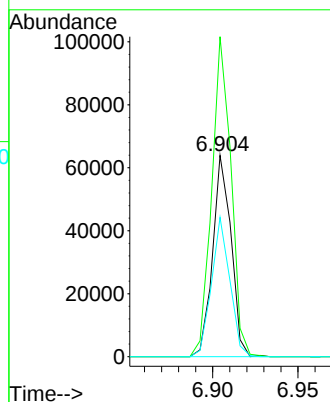
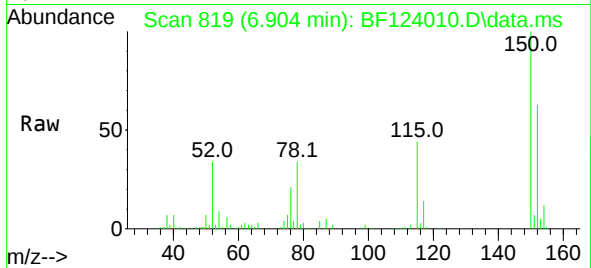




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

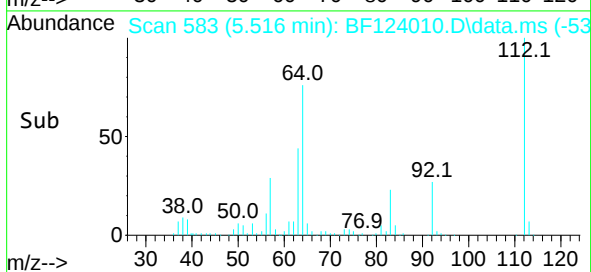
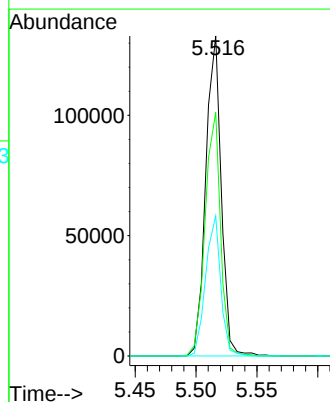
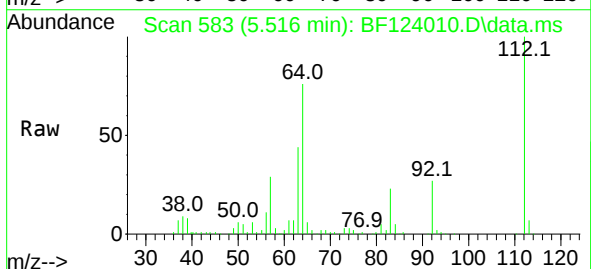
Instrument :
BNA_F
ClientSampleId :
1-5-TP

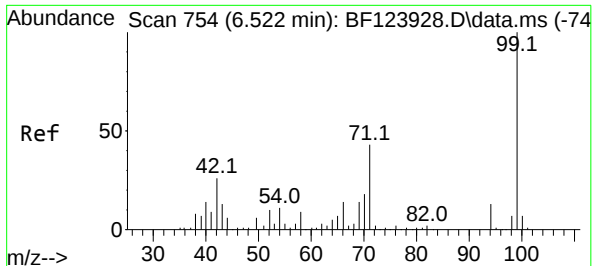
Tgt Ion:152 Resp: 48124
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 69.2 54.3 81.5



#5
2-Fluorophenol
Concen: 34.27 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Tgt Ion:112 Resp: 117474
Ion Ratio Lower Upper
112 100
64 76.1 61.4 92.0
63 43.8 33.0 49.4

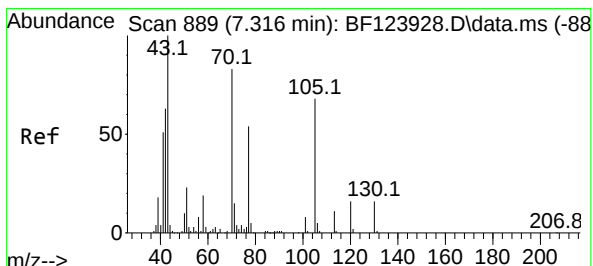
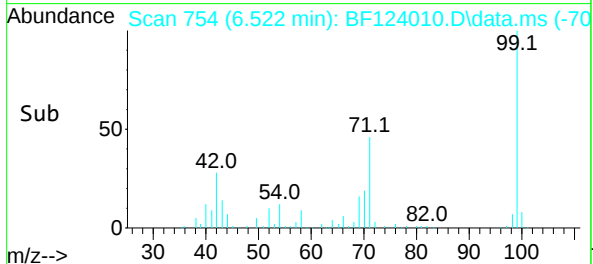
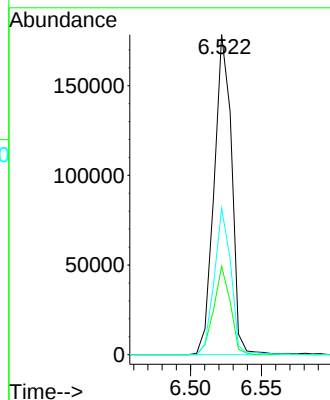
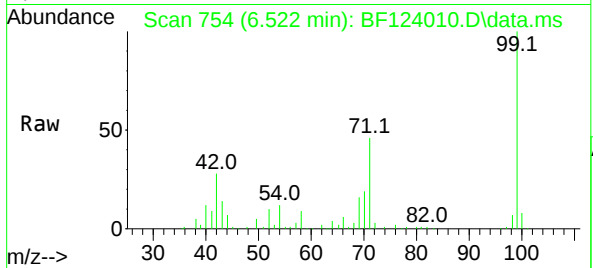




#7
Phenol-d6
Concen: 34.35 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

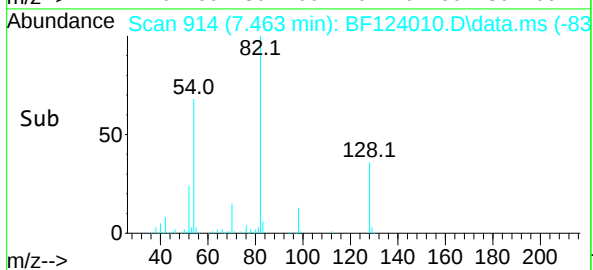
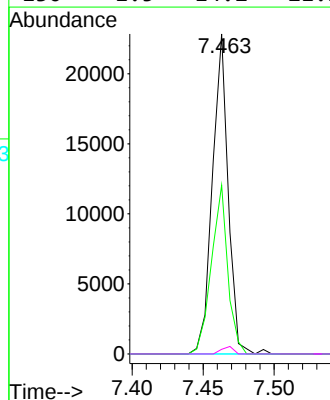
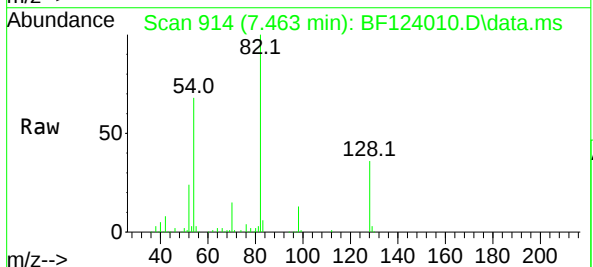
Instrument :
BNA_F
ClientSampleId :
1-5-TP

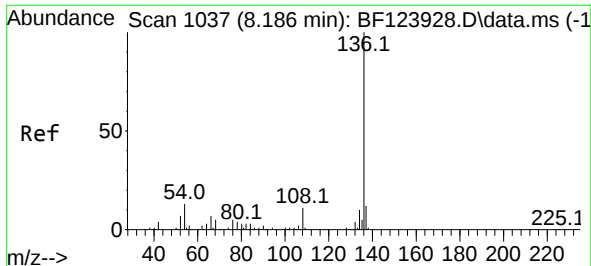
Tgt Ion: 99 Resp: 152718
Ion Ratio Lower Upper
99 100
42 27.6 19.8 29.8
71 45.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.88 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Tgt Ion: 70 Resp: 17656
Ion Ratio Lower Upper
70 100
42 52.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



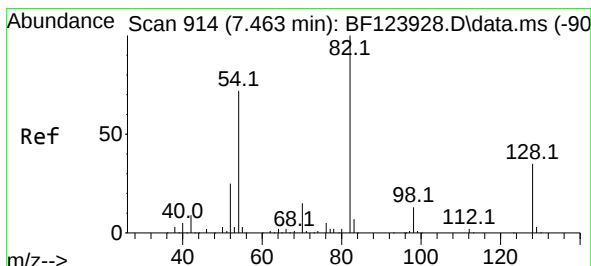
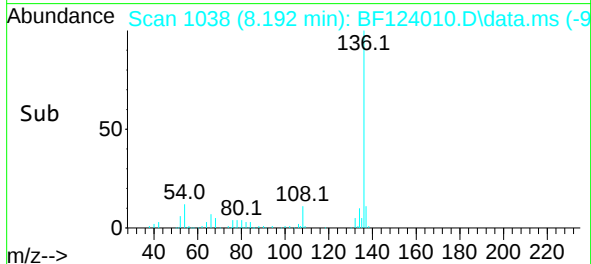
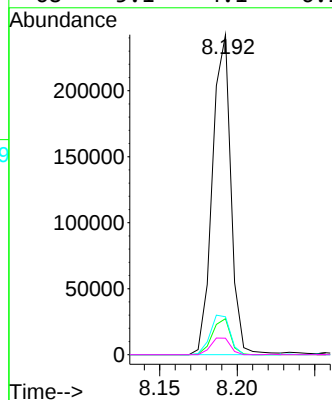
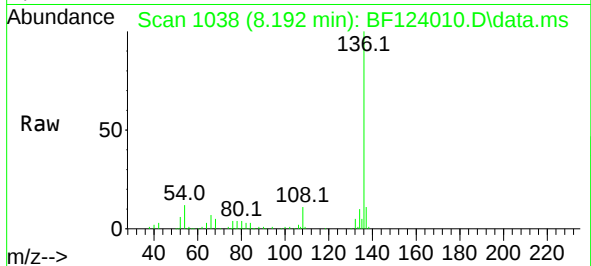


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Instrument :
BNA_F
ClientSampleId :
1-5-TP

Tgt Ion:136 Resp: 201105

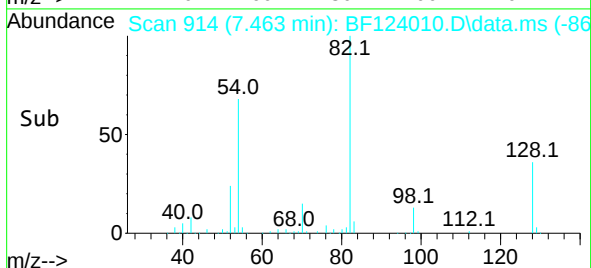
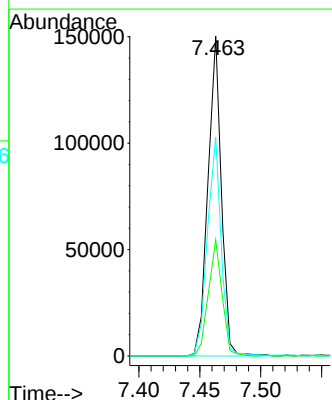
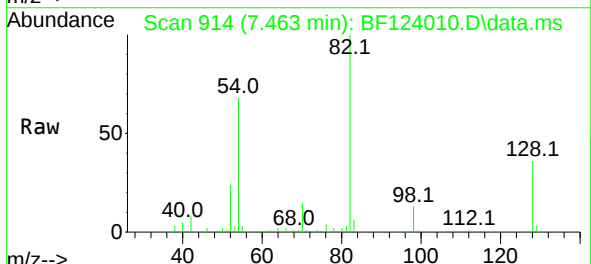
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.8	9.8	14.6
68	5.1	4.1	6.1

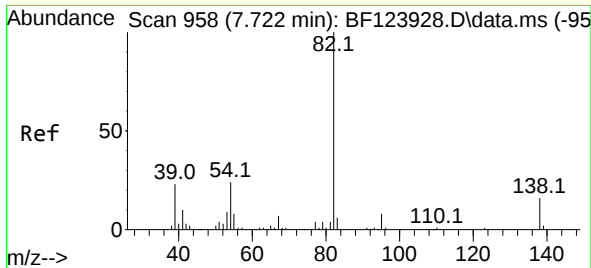


#23
Nitrobenzene-d5
Concen: 24.67 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Tgt Ion: 82 Resp: 115156

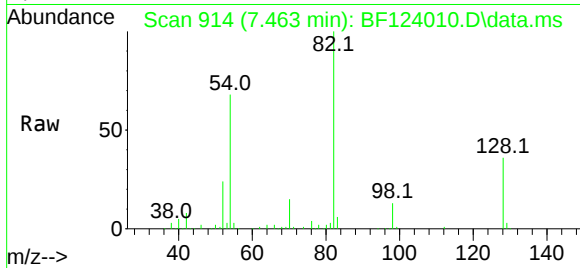
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.4	44.2
54	68.3	54.1	81.1



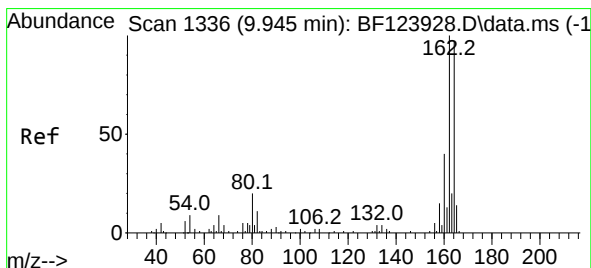
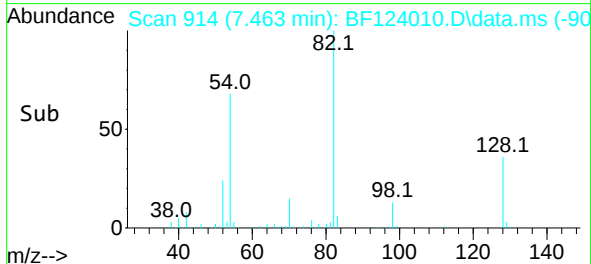
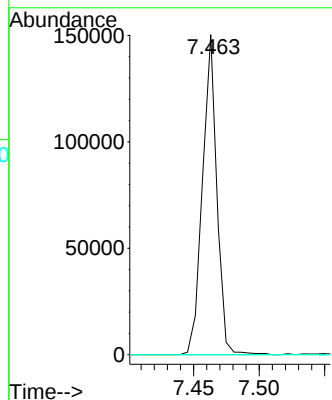


#25
Isophorone
Concen: 12.82 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Instrument :
BNA_F
ClientSampleId :
1-5-TP

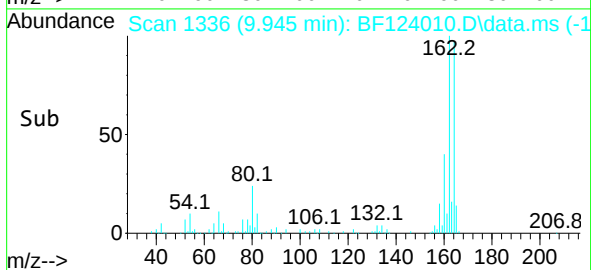
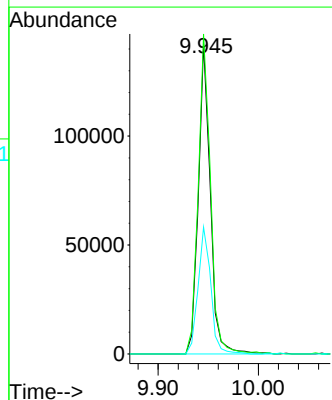
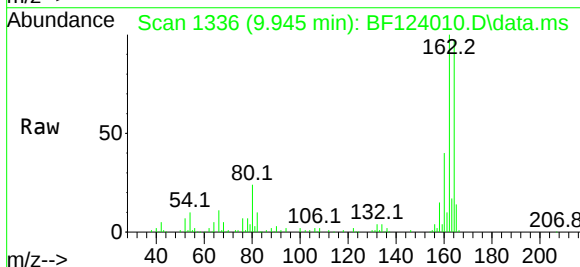


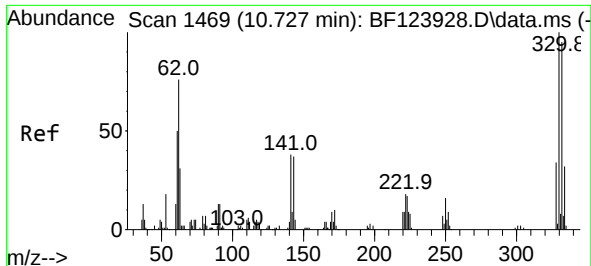
Tgt Ion: 82 Resp: 115155
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

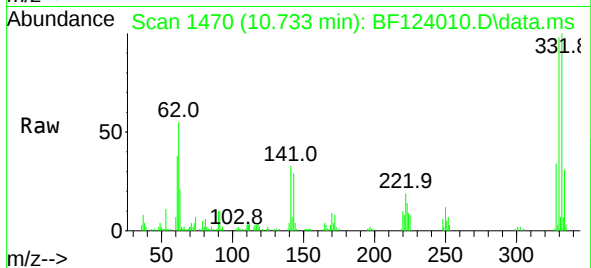
Tgt Ion:164 Resp: 117694
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 41.0 37.3 55.9



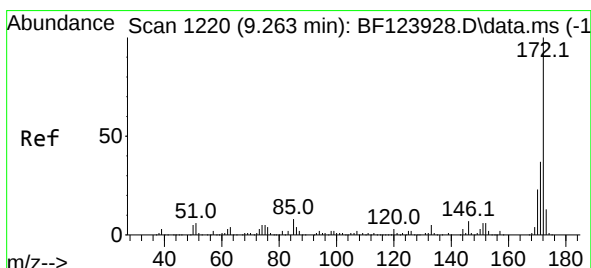
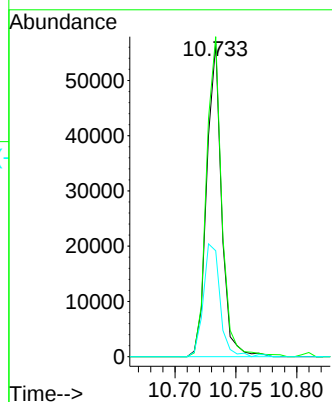
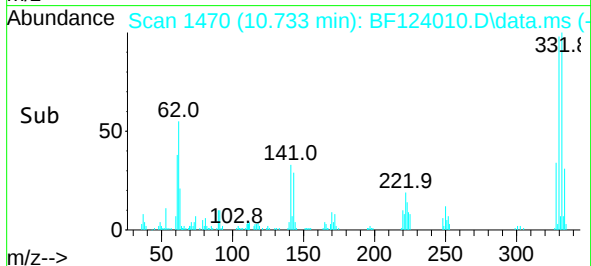


#42
2,4,6-Tribromophenol
Concen: 33.72 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

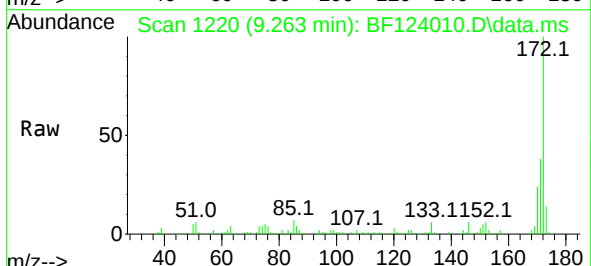
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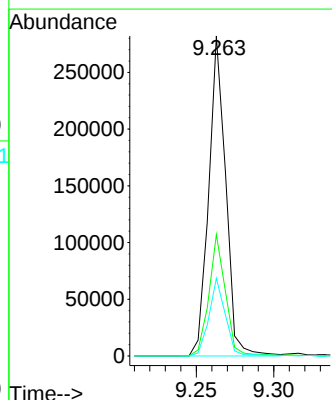
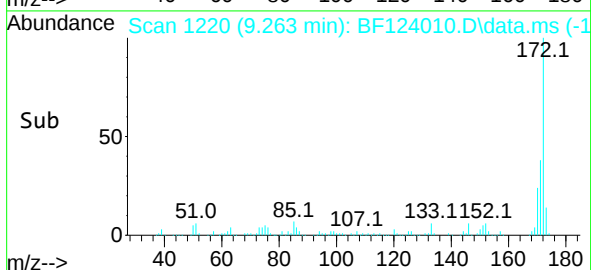
Tgt Ion: 330 Resp: 47665
Ion Ratio Lower Upper
330 100
332 105.6 77.1 115.7
141 40.4 27.9 41.9

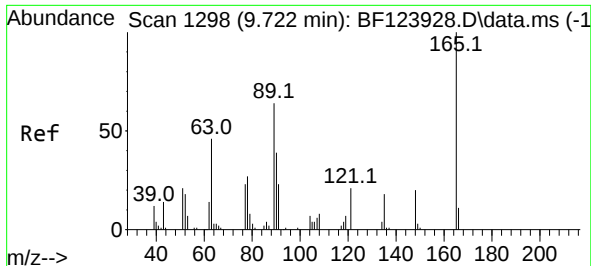


#45
2-Fluorobiphenyl
Concen: 22.50 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39



Tgt Ion: 172 Resp: 215223
Ion Ratio Lower Upper
172 100
171 38.0 28.1 42.1
170 24.3 19.2 28.8

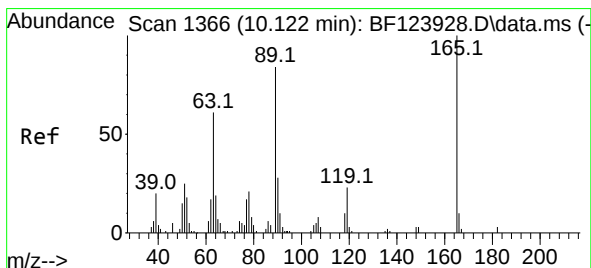
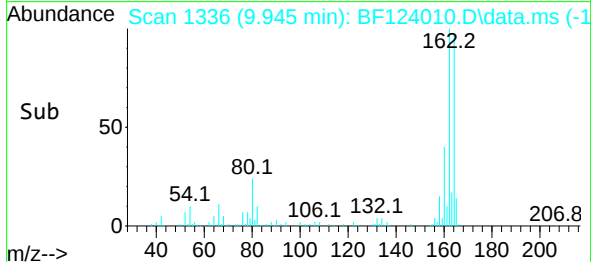
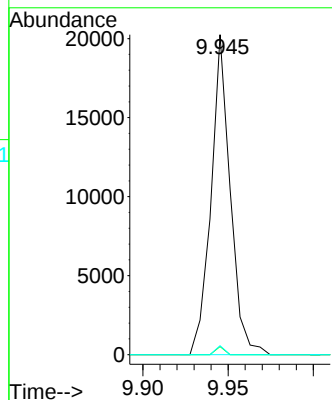
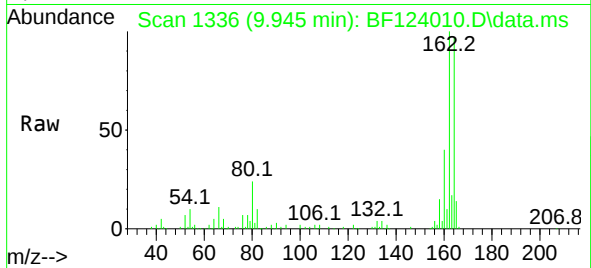




#51
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.224 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

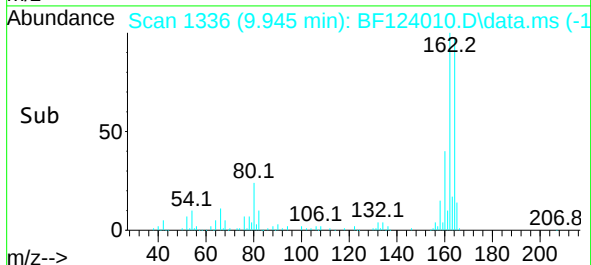
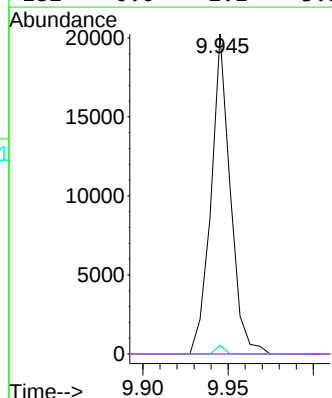
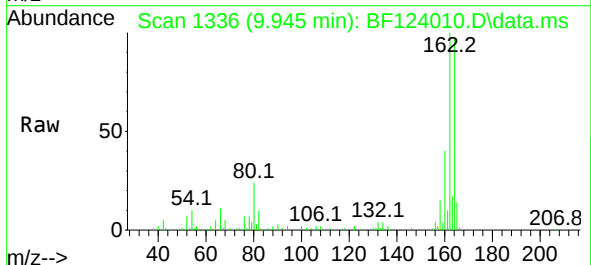
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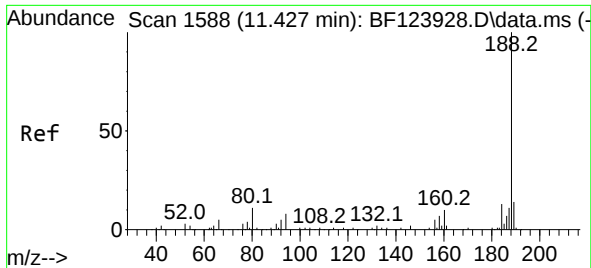
Tgt Ion:165 Resp: 15871
Ion Ratio Lower Upper
165 100
63 2.6 67.7 101.5#
89 2.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Tgt Ion:165 Resp: 15871
Ion Ratio Lower Upper
165 100
63 2.6 43.5 65.3#
89 2.8 67.7 101.5#
182 0.0 2.1 3.1#

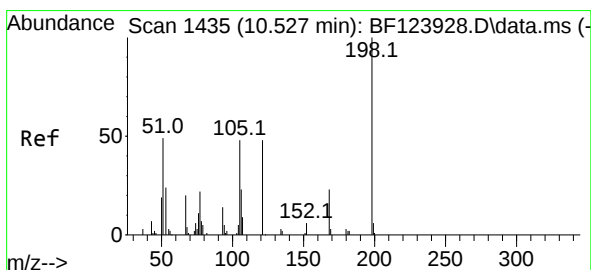
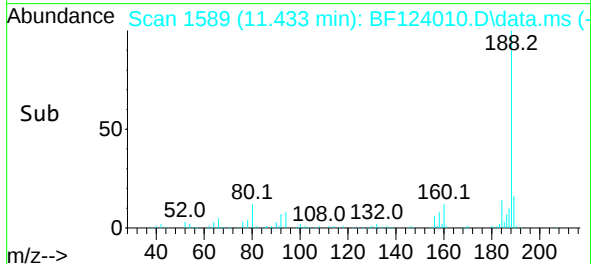
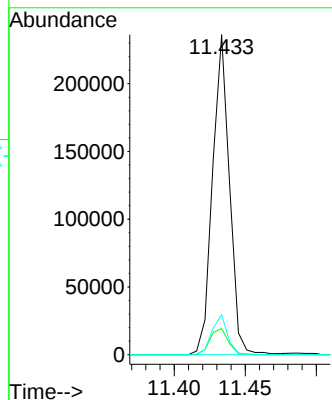
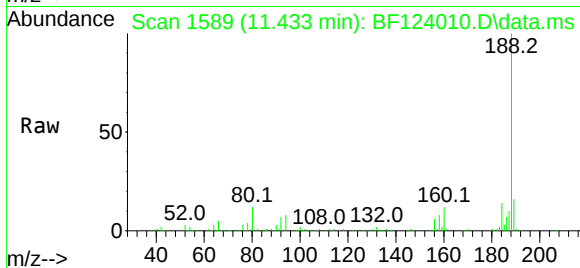




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

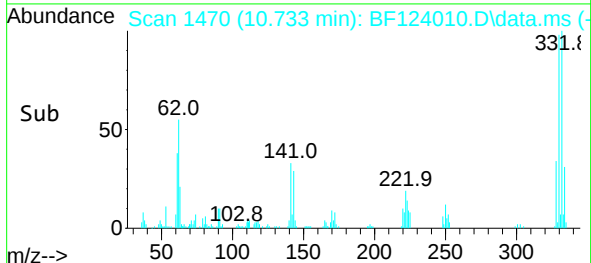
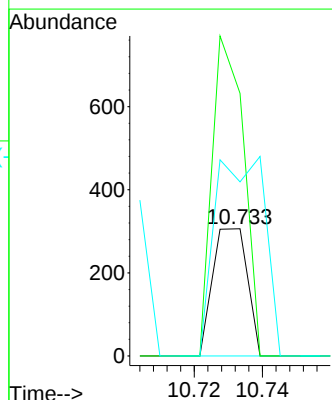
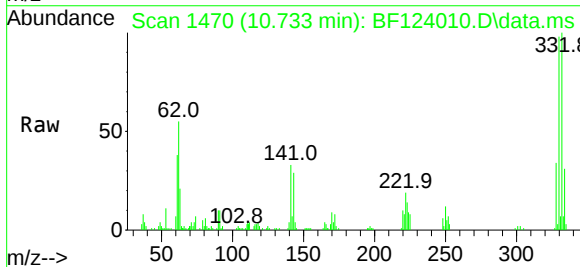
Instrument :
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1-5-TP

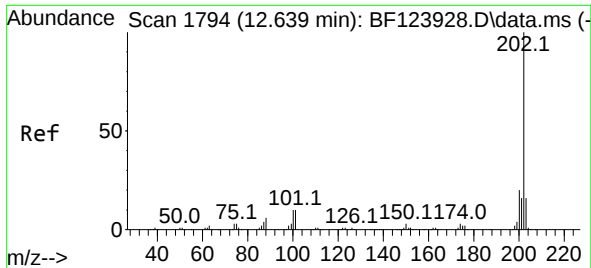
Tgt Ion:188 Resp: 195968
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 12.4 8.2 12.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.59 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Tgt Ion:198 Resp: 216
Ion Ratio Lower Upper
198 100
51 206.5 64.8 104.8#
105 136.9 42.6 82.6#

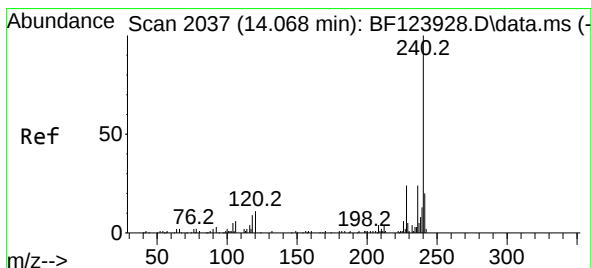
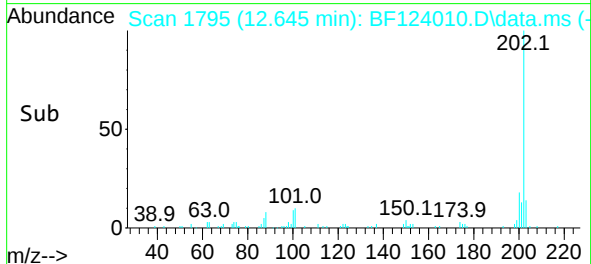
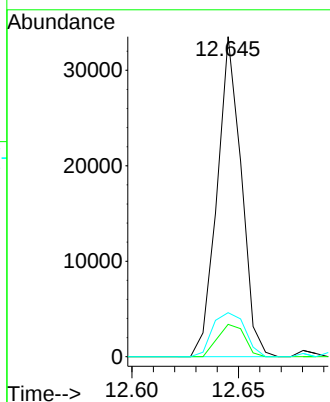
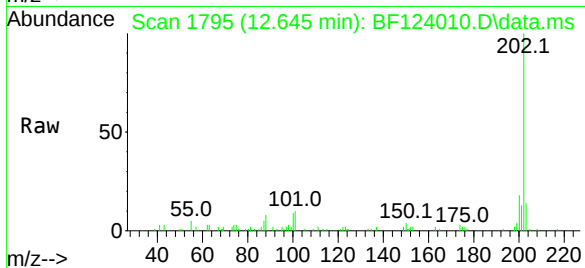




#75
Fluoranthene
Concen: 2.06 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

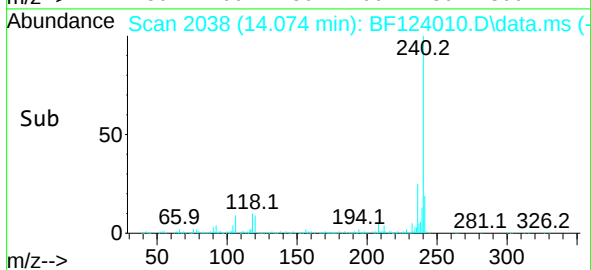
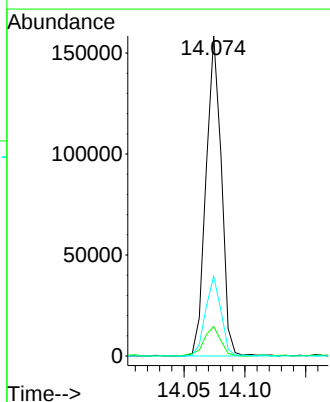
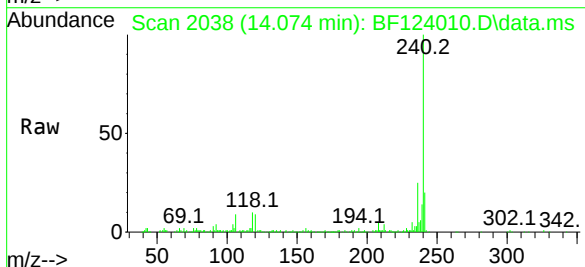
Instrument :
BNA_F
ClientSampleId :
1-5-TP

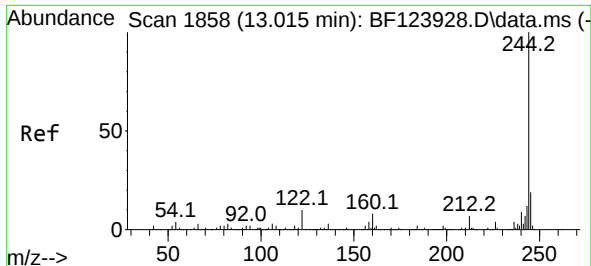
Tgt Ion:	202	Resp:	26527
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.9
203	13.7	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Tgt Ion:	240	Resp:	138149
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.2	10.8
236	24.9	19.0	28.4

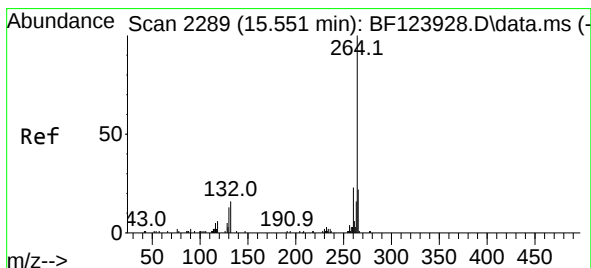
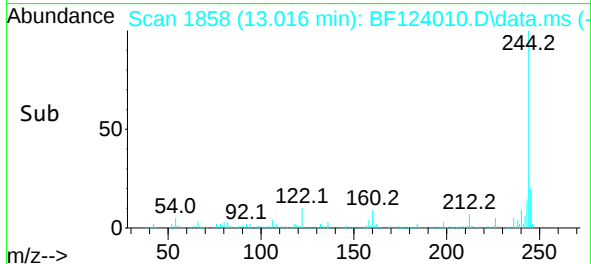
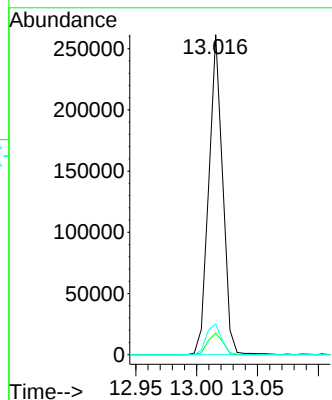
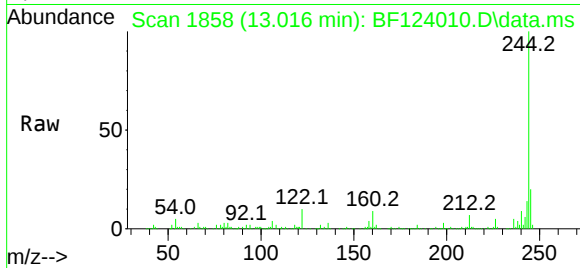




#79
Terphenyl-d14
Concen: 22.65 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

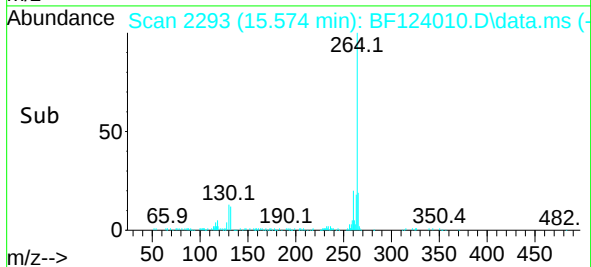
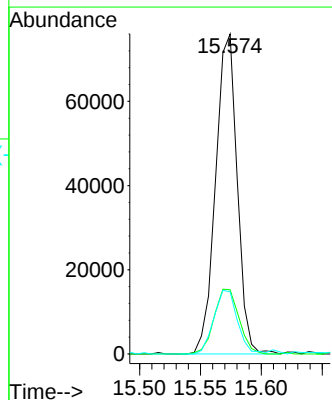
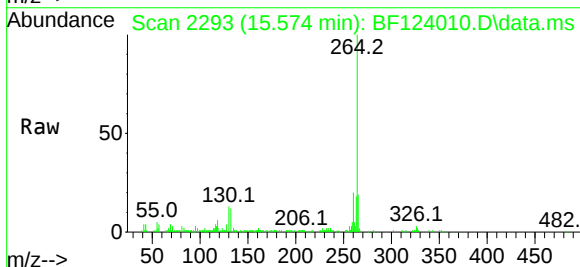
Instrument :
BNA_F
ClientSampleId :
1-5-TP

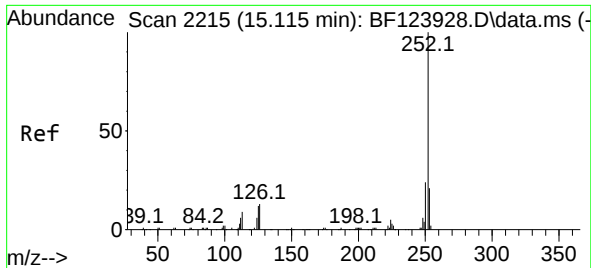
Tgt Ion:244 Resp: 206561
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.6 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.024 min
Lab File: BF124010.D
Acq: 20 May 2021 15:39

Tgt Ion:264 Resp: 93759
Ion Ratio Lower Upper
264 100
260 20.0 18.7 28.1
265 19.4 17.8 26.8





#88

Benzo(b)fluoranthene

Concen: 2.84 ng

RT: 15.127 min Scan# 2217

Delta R.T. 0.012 min

Lab File: BF124010.D

Acq: 20 May 2021 15:39

Tgt Ion:252 Resp: 20594

Ion Ratio Lower Upper

252 100

253 41.4 18.1 27.1#

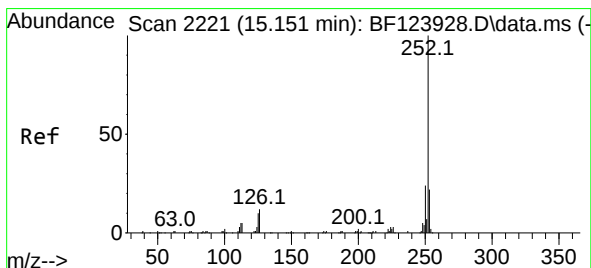
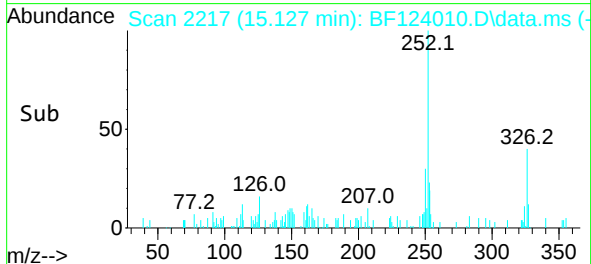
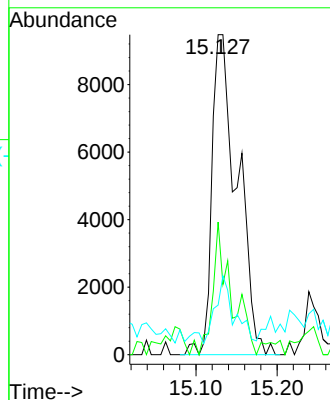
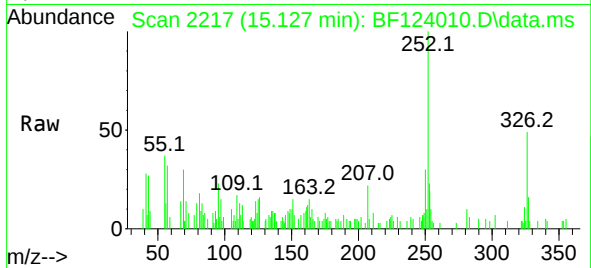
125 15.5 6.2 9.4#

Instrument :

BNA_F

ClientSampleId :

1-5-TP



#89

Benzo(k)fluoranthene

Concen: 3.12 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.023 min

Lab File: BF124010.D

Acq: 20 May 2021 15:39

Tgt Ion:252 Resp: 20594

Ion Ratio Lower Upper

252 100

253 41.4 17.9 26.9#

125 15.5 7.0 10.6#

