

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128722.D
 Acq On : 07 Jun 2022 18:16
 Operator : CG\JU
 Sample : N3028-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-1-5FT

Quant Time: Jun 08 00:27:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

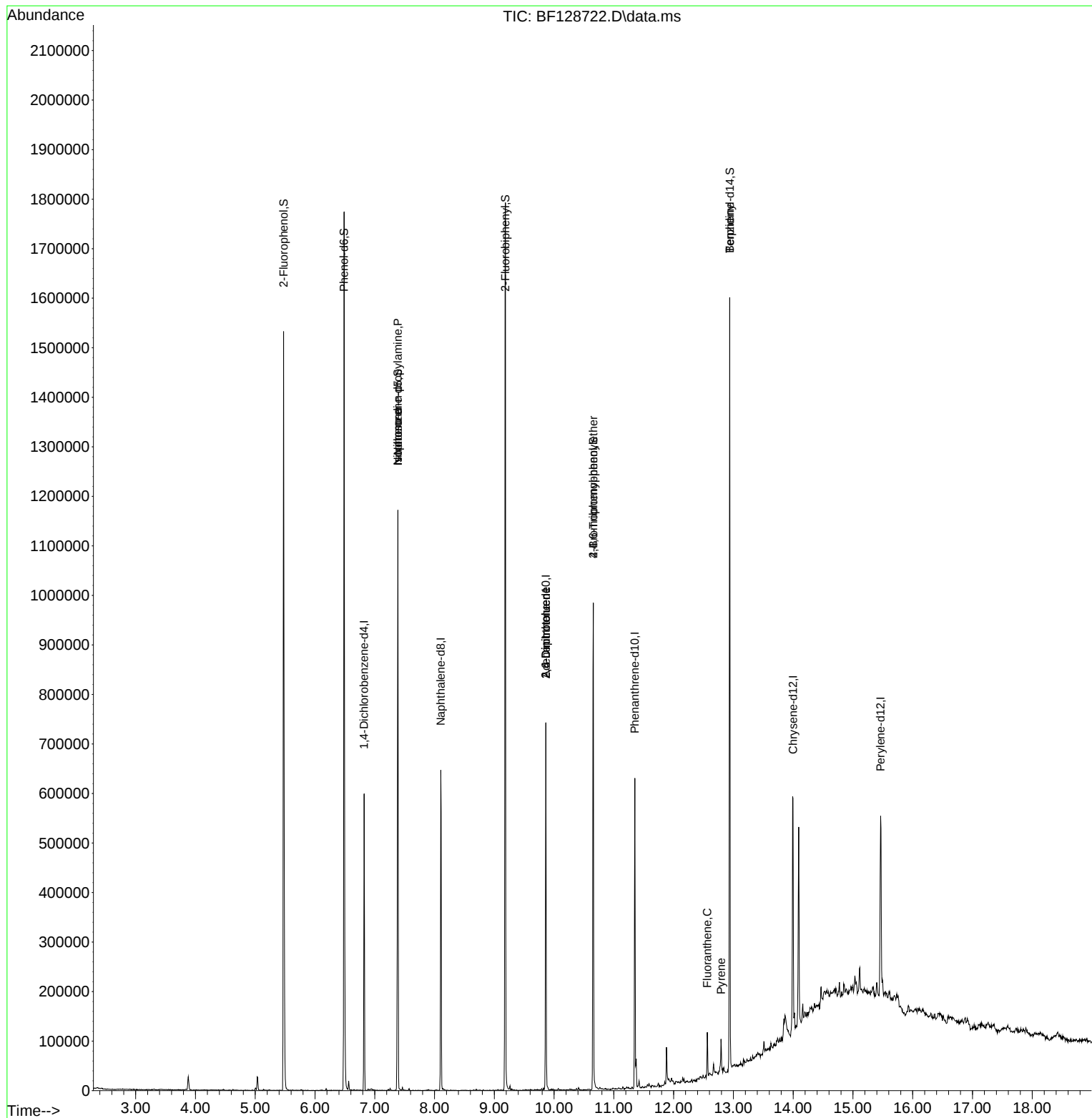
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	71366	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	260130	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	134393	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	210136	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	167713	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	174171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	371307	82.873	ng	0.00
7) Phenol-d6	6.486	99	460149	84.135	ng	-0.01
23) Nitrobenzene-d5	7.386	82	323135	57.835	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	108801	68.518	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	565196	58.911	ng	0.00
79) Terphenyl-d14	12.939	244	453754	47.012	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	47207	13.882	ng	# 77
25) Isophorone	7.386	82	323126	38.079	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	16719	9.209	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	16719	6.900	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	7171	3.060	ng	# 1
75) Fluoranthene	12.563	202	31410	2.851	ng	96
77) Benzidine	12.939	184	7044	2.107	ng	# 88
78) Pyrene	12.792	202	27215	2.181	ng	98

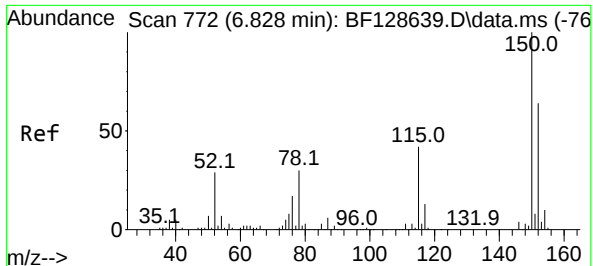
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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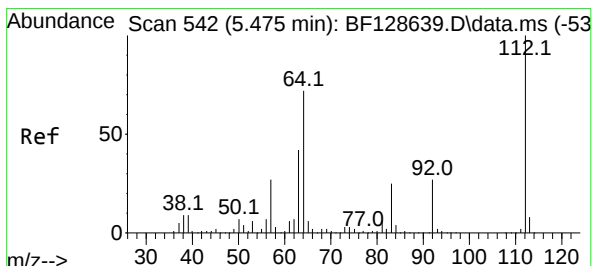
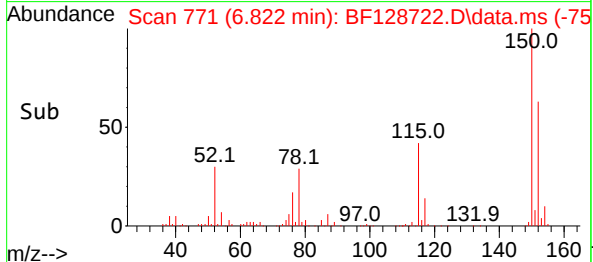
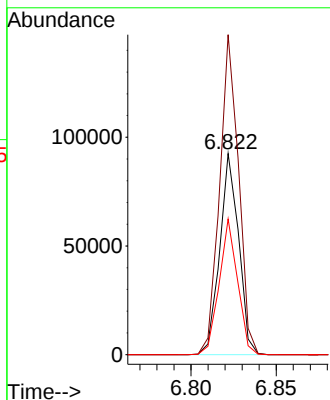
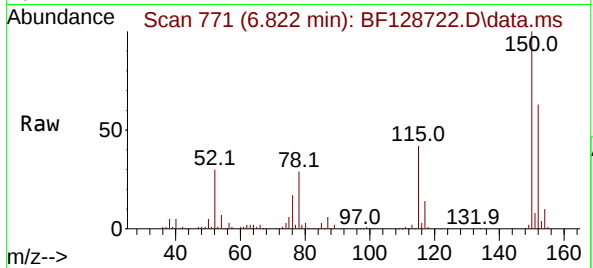




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

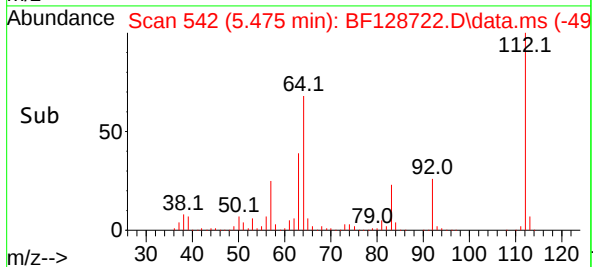
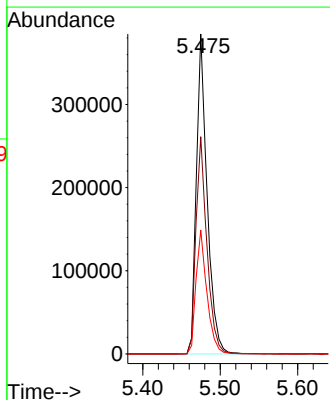
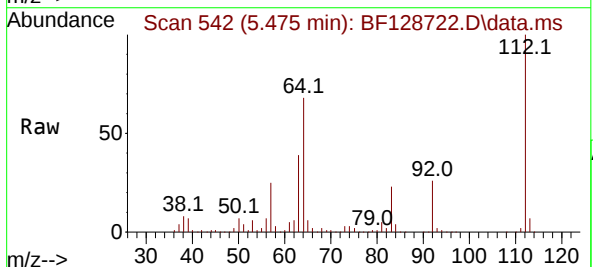
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

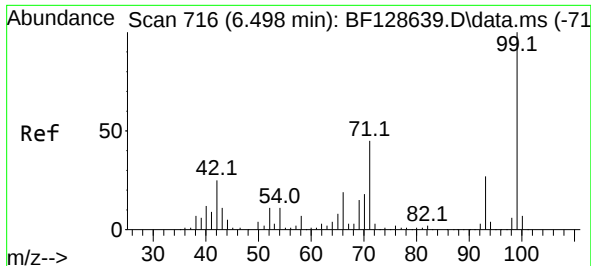
Tgt Ion:152 Resp: 71366
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 67.5 49.9 74.9



#5
2-Fluorophenol
Concen: 82.873 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:112 Resp: 371307
Ion Ratio Lower Upper
112 100
64 67.9 53.3 79.9
63 38.8 28.0 42.0

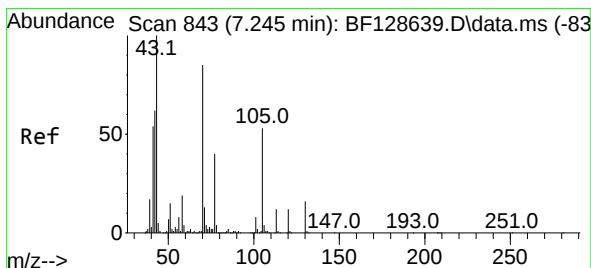
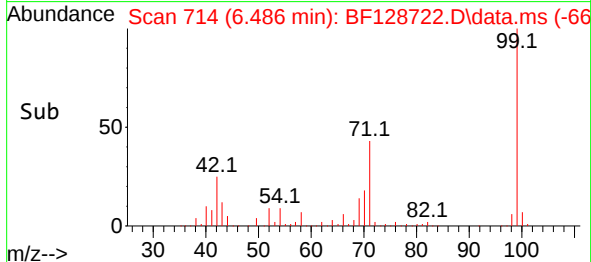
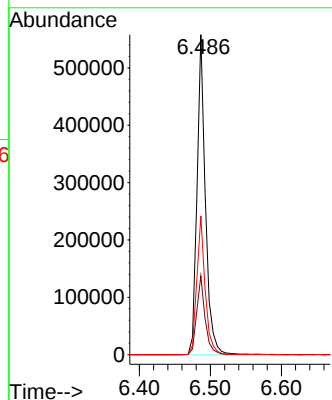
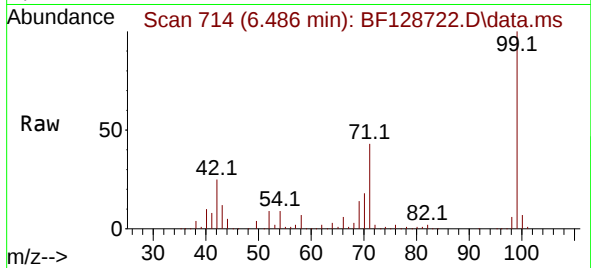




#7
Phenol-d6
Concen: 84.135 ng
RT: 6.486 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

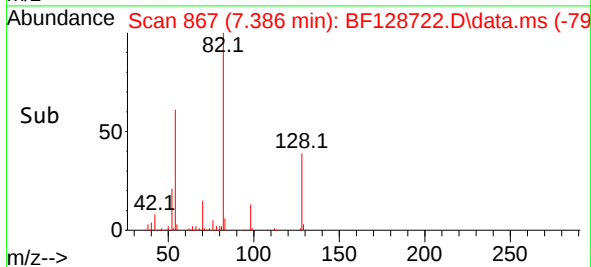
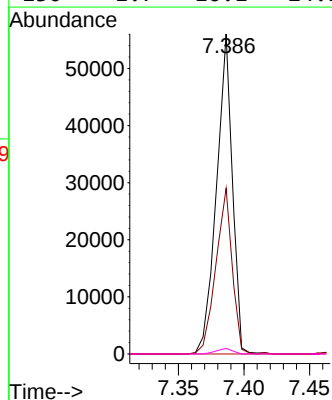
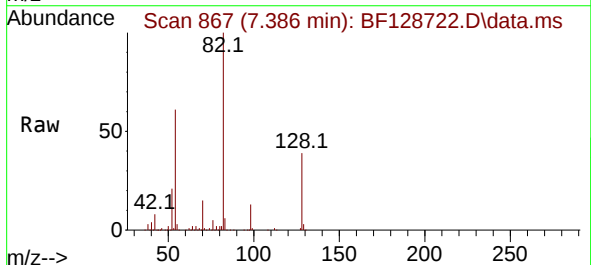
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

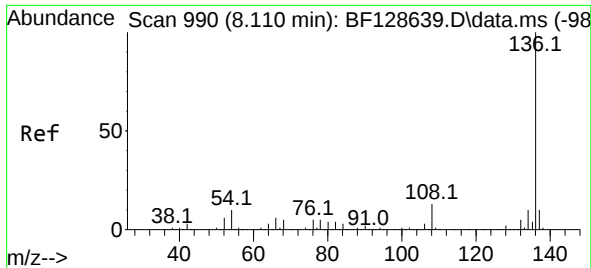
Tgt Ion: 99 Resp: 460149
Ion Ratio Lower Upper
99 100
42 24.6 17.3 25.9
71 43.4 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.882 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion: 70 Resp: 47207
Ion Ratio Lower Upper
70 100
42 51.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



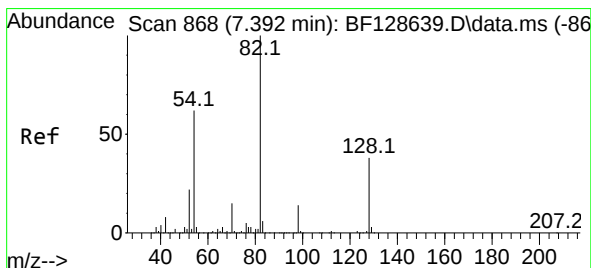
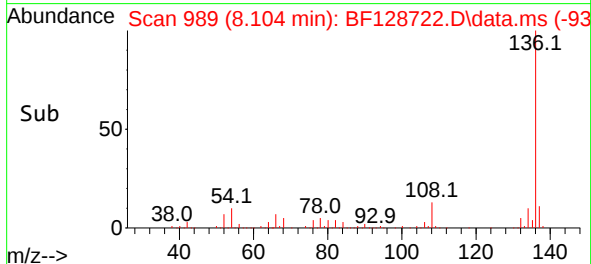
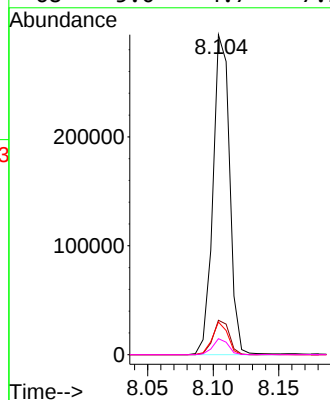
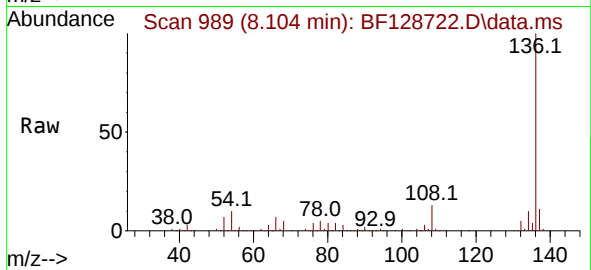


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

Tgt Ion:136 Resp: 260130

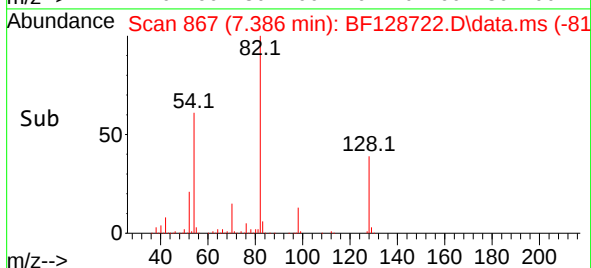
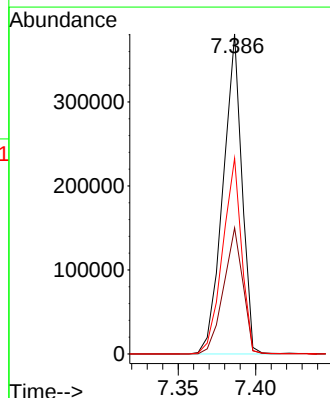
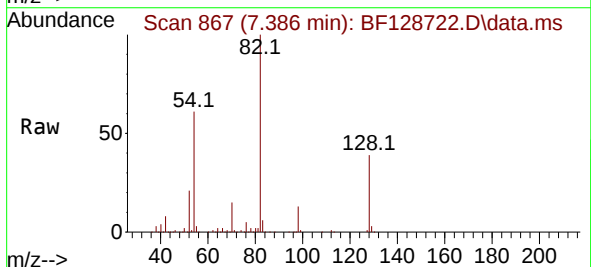
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.2	7.5	11.3
68	5.0	4.7	7.1

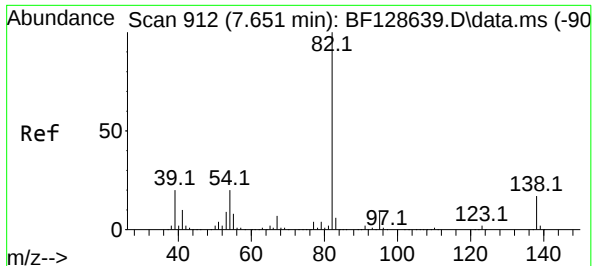


#23
Nitrobenzene-d5
Concen: 57.835 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion: 82 Resp: 323135

Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.0	51.0
54	61.1	46.9	70.3

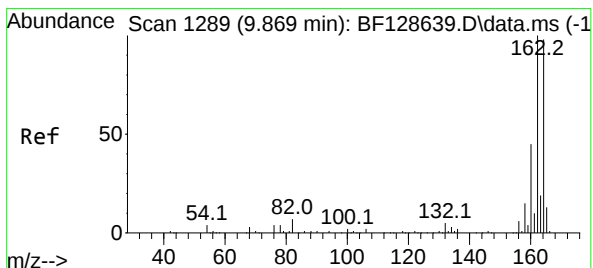
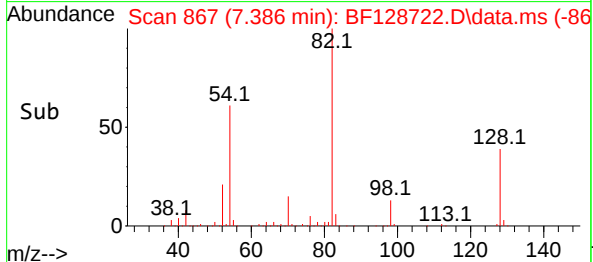
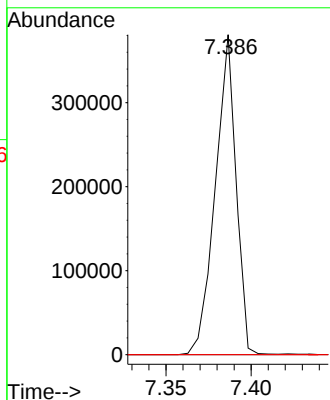
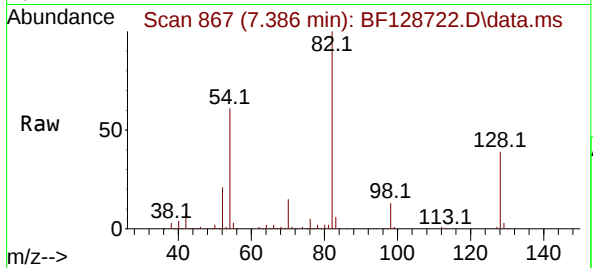




#25
Isophorone
Concen: 38.079 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

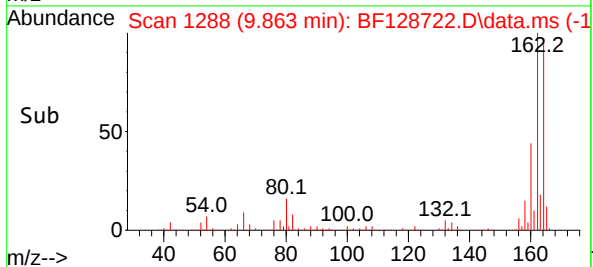
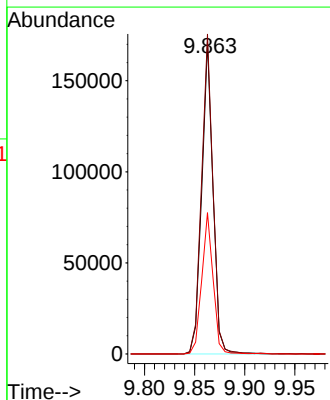
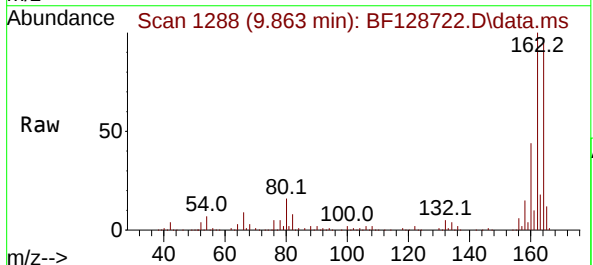
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

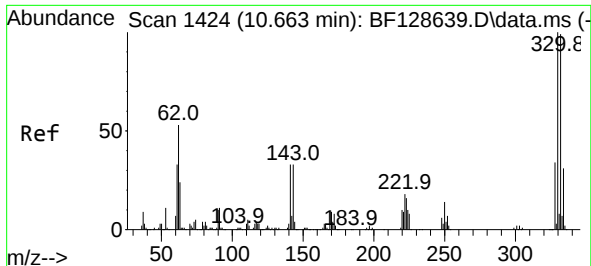
Tgt Ion: 82 Resp: 323126
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:164 Resp: 134393
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 68.518 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128722.D

Acq: 07 Jun 2022 18:16

Instrument :

BNA_F

ClientSampleId :

TP-2-1-5FT

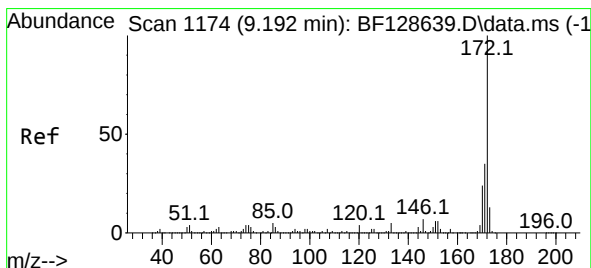
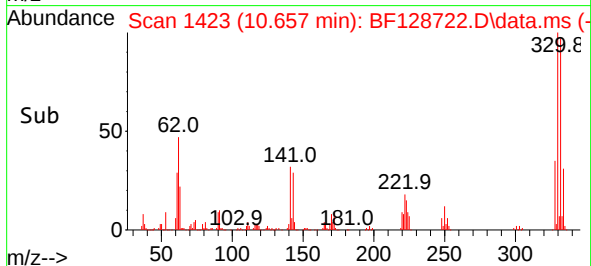
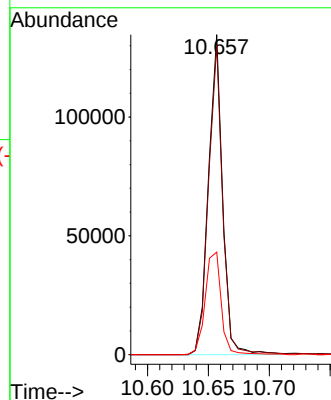
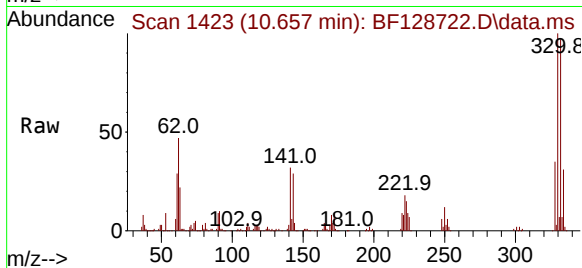
Tgt Ion:330 Resp: 108801

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.911 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128722.D

Acq: 07 Jun 2022 18:16

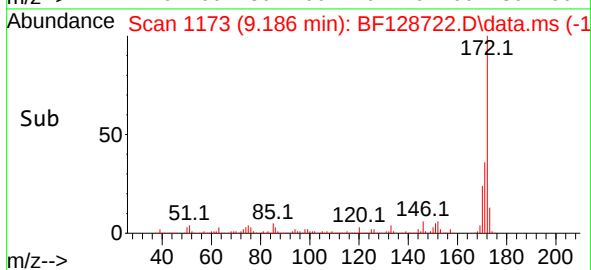
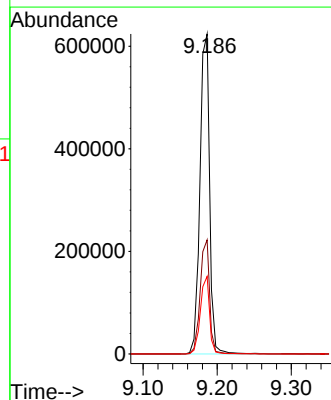
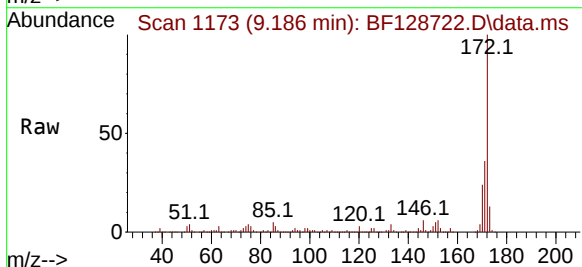
Tgt Ion:172 Resp: 565196

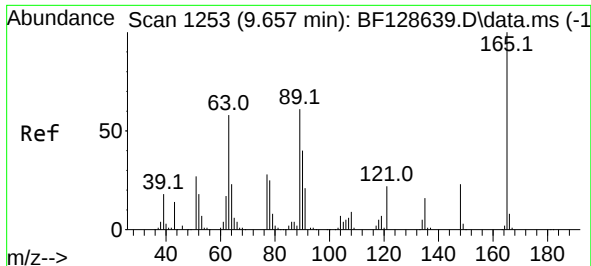
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.3 19.8 29.8

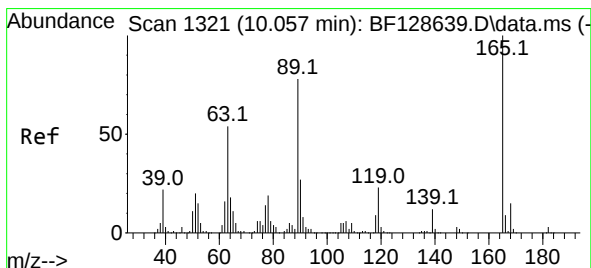
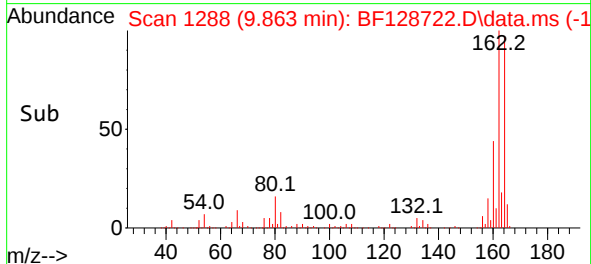
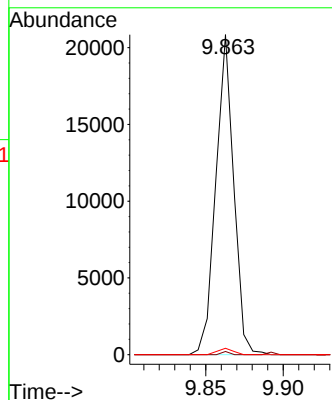
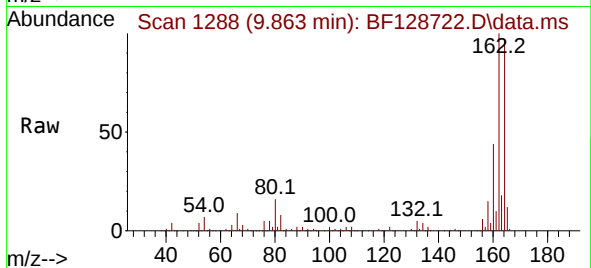




#51
2,6-Dinitrotoluene
Concen: 9.209 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

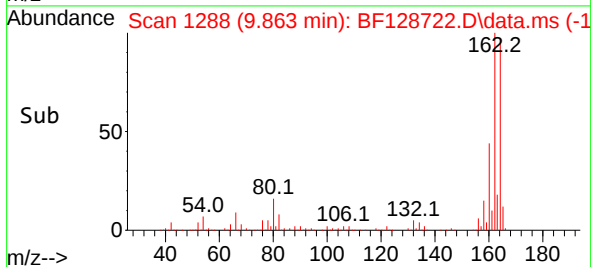
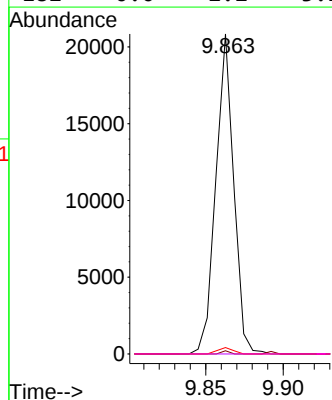
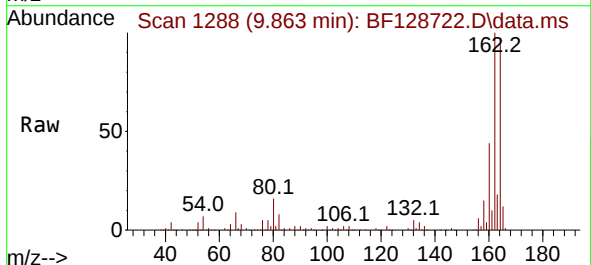
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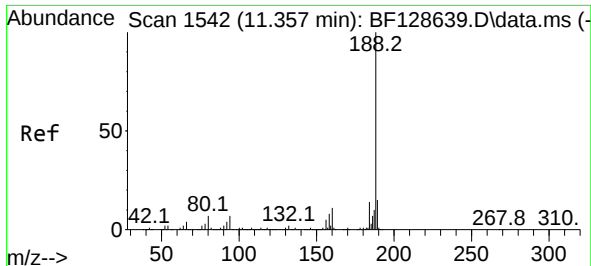
Tgt Ion:165 Resp: 16719
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 2.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.900 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:165 Resp: 16719
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 2.0 60.2 90.2#
182 0.0 2.2 3.2#

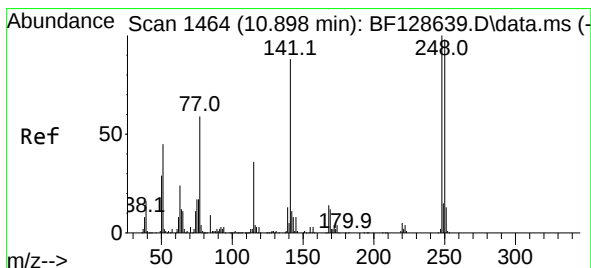
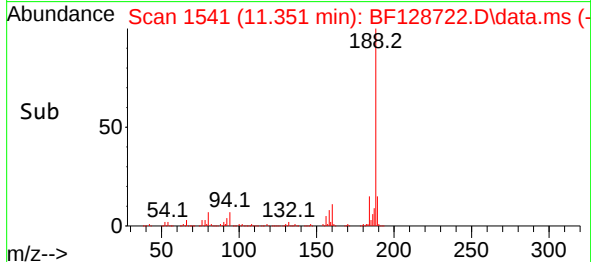
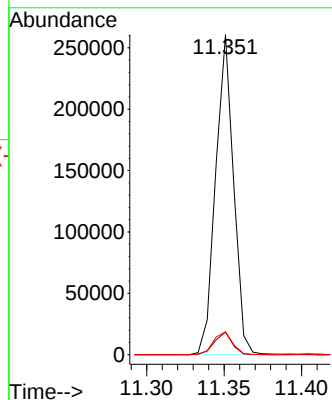
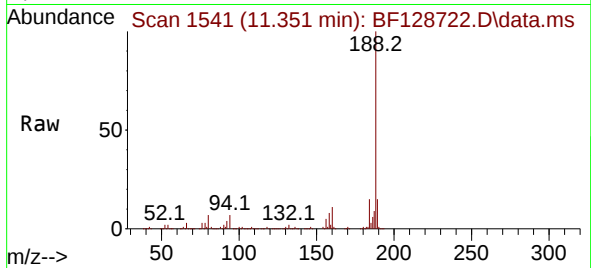




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

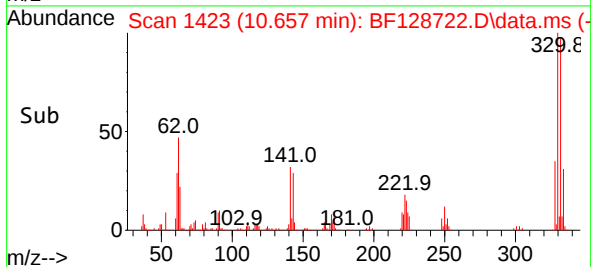
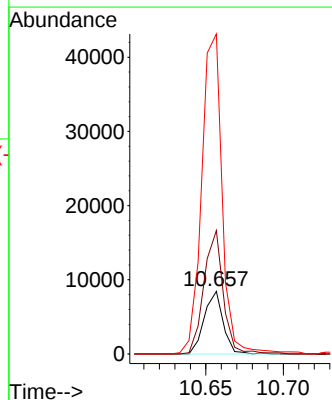
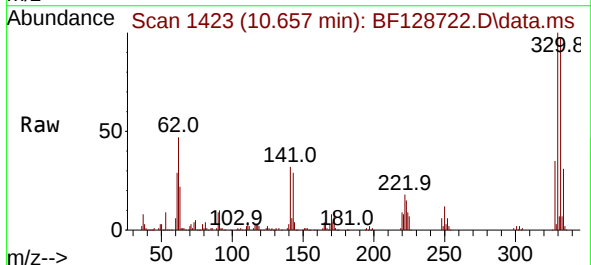
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

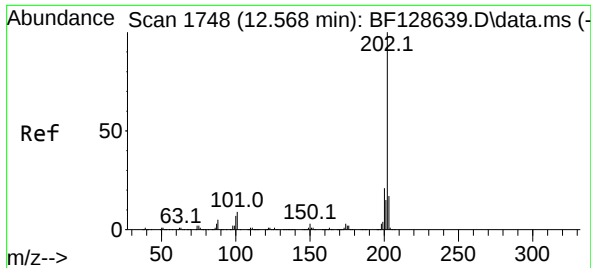
Tgt Ion:188 Resp: 210136
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.1 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.060 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:248 Resp: 7171
Ion Ratio Lower Upper
248 100
250 197.1 80.6 120.8#
141 511.3 58.9 88.3#

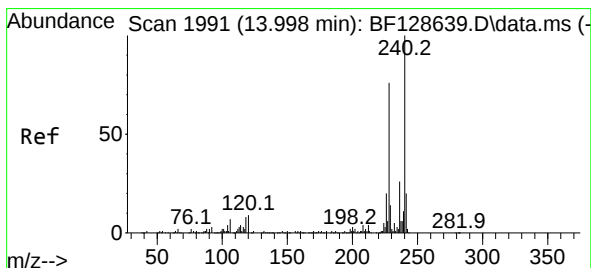
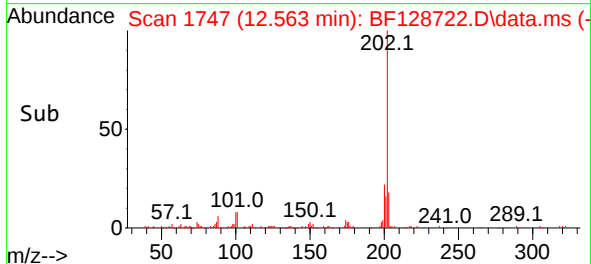
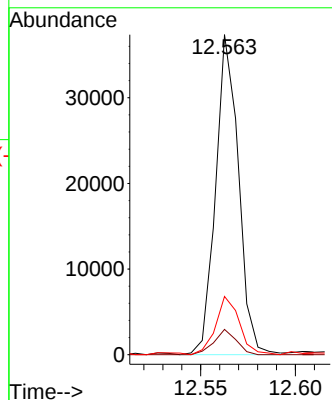
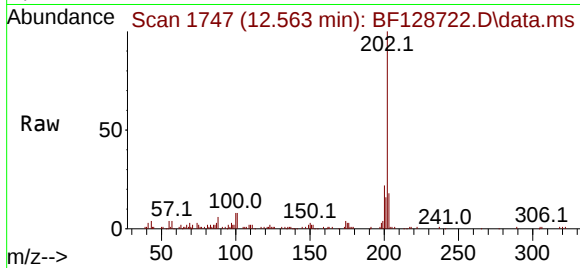




#75
Fluoranthene
Concen: 2.851 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

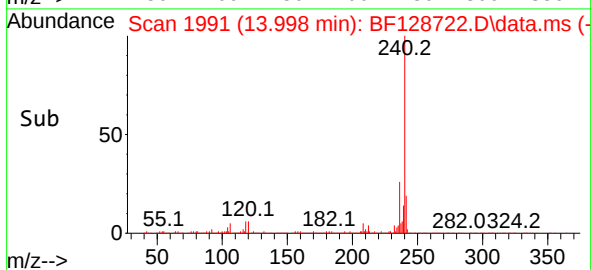
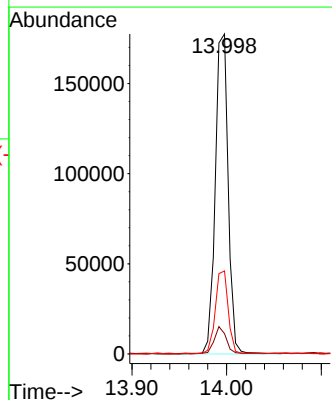
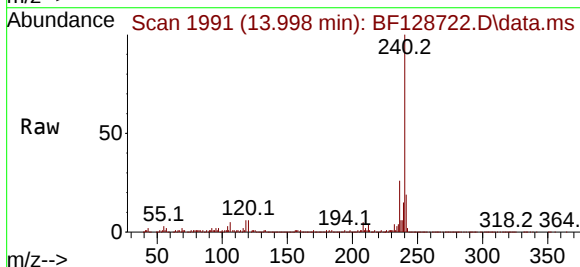
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

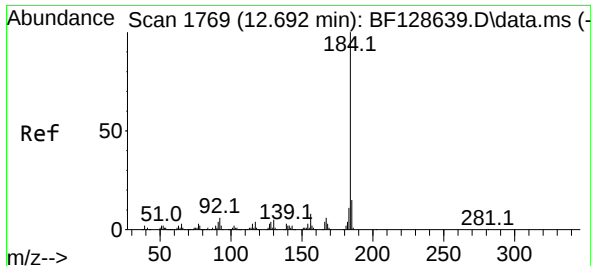
Tgt Ion:202 Resp: 31410
Ion Ratio Lower Upper
202 100
101 7.9 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:240 Resp: 167713
Ion Ratio Lower Upper
240 100
120 6.4 8.9 13.3#
236 26.0 20.8 31.2

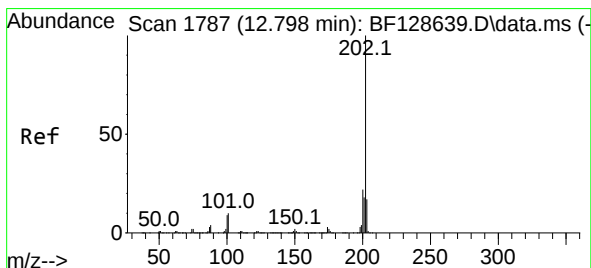
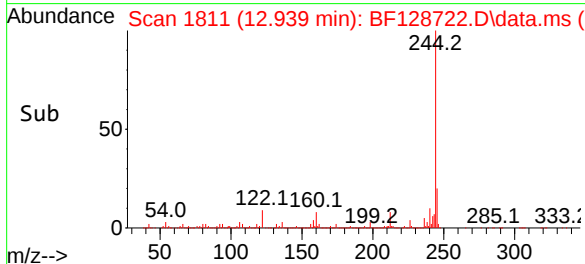
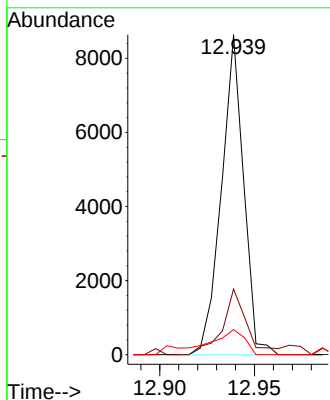
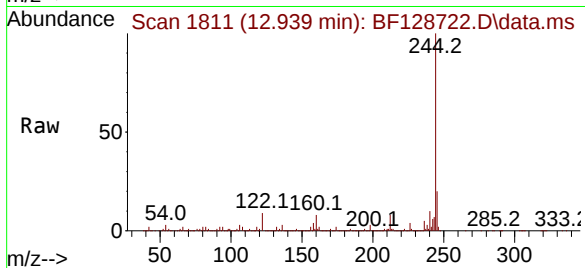




#77
Benzidine
Concen: 2.107 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

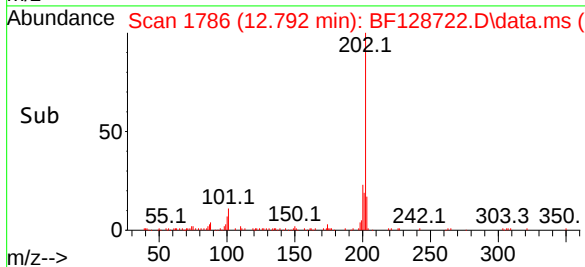
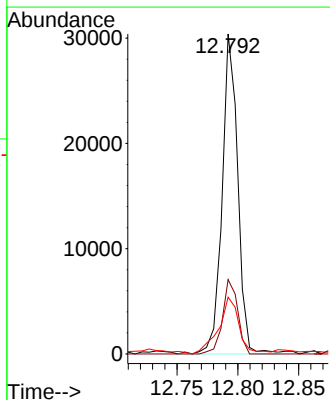
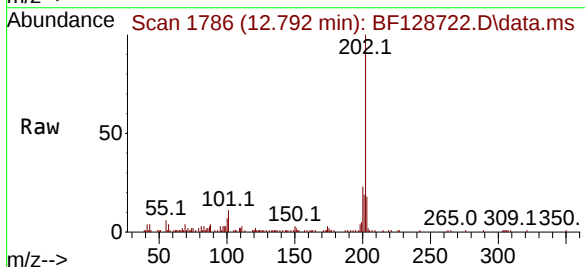
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

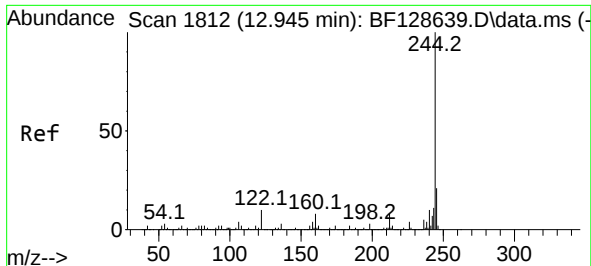
Tgt Ion:184 Resp: 7044
Ion Ratio Lower Upper
184 100
185 20.5 11.9 17.9#
183 7.9 9.3 13.9#



#78
Pyrene
Concen: 2.181 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:202 Resp: 27215
Ion Ratio Lower Upper
202 100
200 23.2 17.7 26.5
203 17.7 14.6 21.8

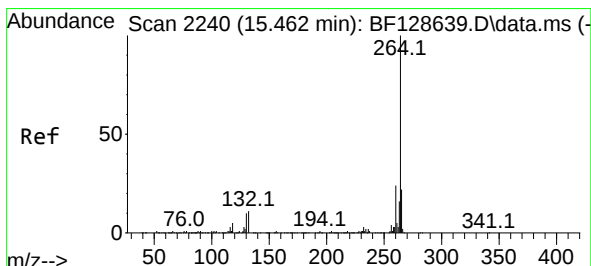
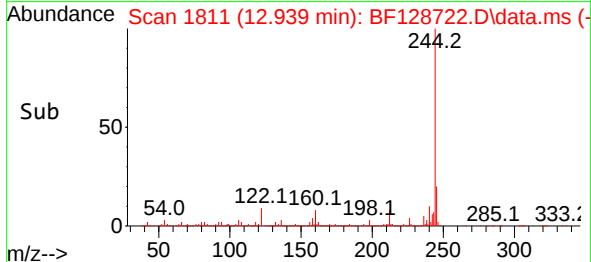
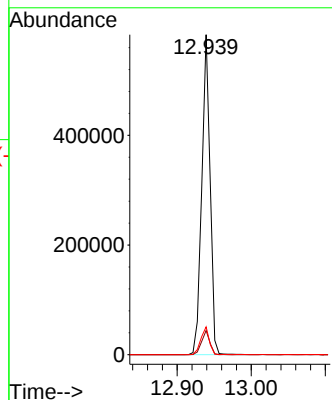
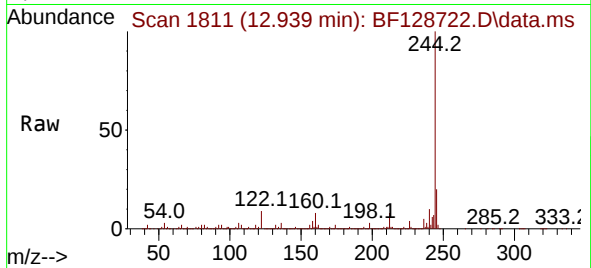




#79
 Terphenyl-d14
 Concen: 47.012 ng
 RT: 12.939 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF128722.D
 Acq: 07 Jun 2022 18:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-1-5FT

Tgt Ion:244 Resp: 453754
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: BF128722.D
 Acq: 07 Jun 2022 18:16

Tgt Ion:264 Resp: 174171
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.0 17.2 25.8

