

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122854.D
 Acq On : 24 Dec 2020 13:54
 Operator : JU/CG
 Sample : L5200-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-4-122320

Quant Time: Dec 24 14:57:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

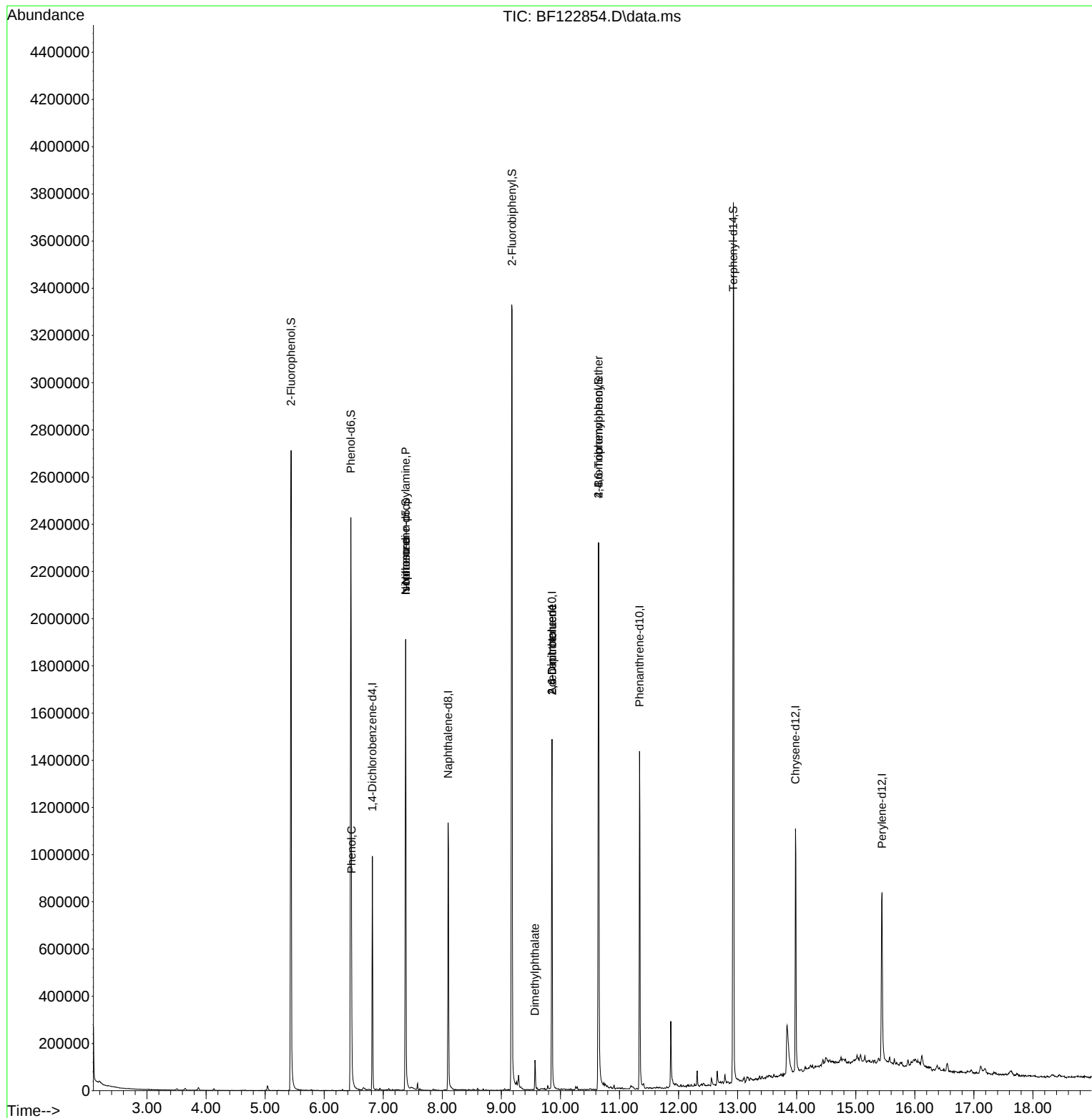
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	143256	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	567145	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	313551	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	549386	20.00	ng	0.00
76) Chrysene-d12	13.980	240	401464	20.00	ng	0.00
86) Perylene-d12	15.445	264	371200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	832352	91.99	ng	0.00
7) Phenol-d6	6.451	99	953442	79.45	ng	0.00
23) Nitrobenzene-d5	7.381	82	646006	57.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	340774	83.03	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1275298	55.01	ng	0.00
79) Terphenyl-d14	12.927	244	1372962	59.86	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.463	94	128367	10.32	ng	90
19) n-Nitroso-di-n-propyla...	7.381	70	84865	12.35	ng	# 77
25) Isophorone	7.381	82	646003	33.13	ng	# 65
50) Dimethylphthalate	9.569	163	57704	2.30	ng	98
51) 2,6-Dinitrotoluene	9.857	165	39092	7.39	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	39092	5.55	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	21293	2.86	ng	# 1

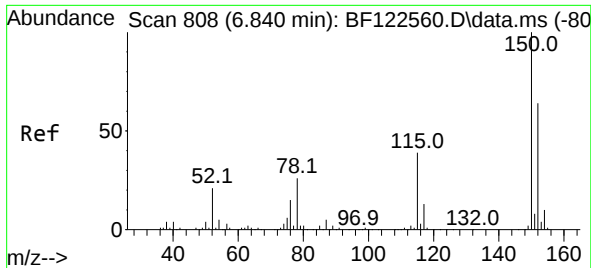
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 14:57:00 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
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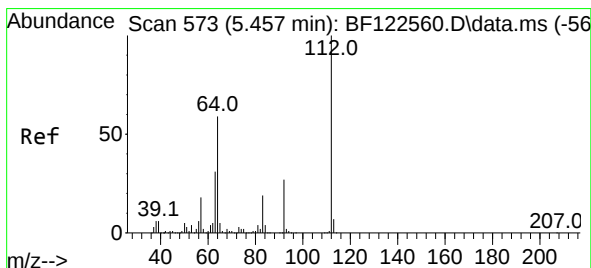
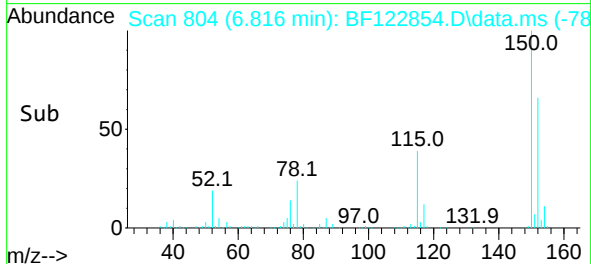
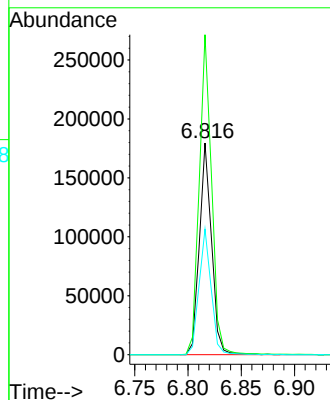
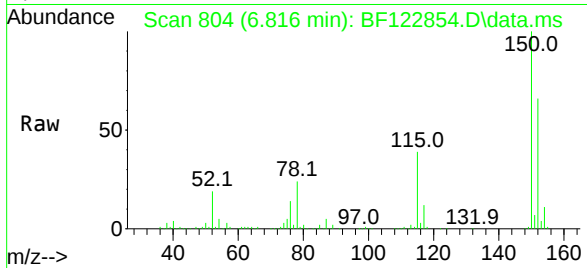




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

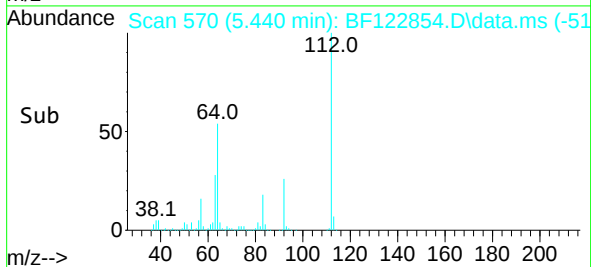
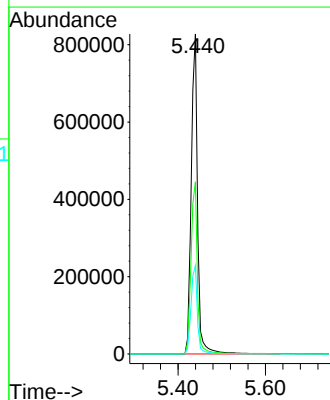
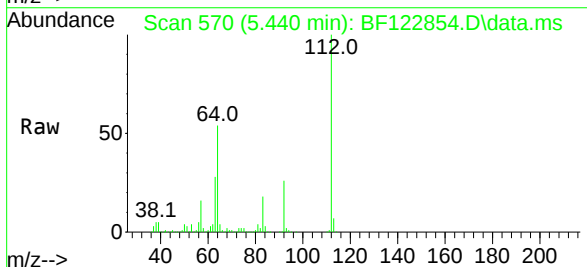
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

Tgt Ion:152 Resp: 143256
Ion Ratio Lower Upper
152 100
150 151.1 125.8 188.6
115 59.4 49.3 73.9



#5
2-Fluorophenol
Concen: 91.99 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion:112 Resp: 832352
Ion Ratio Lower Upper
112 100
64 53.8 46.9 70.3
63 27.7 24.5 36.7

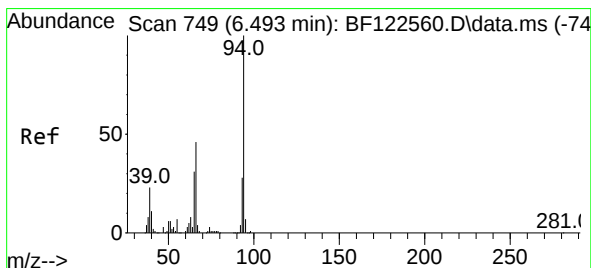
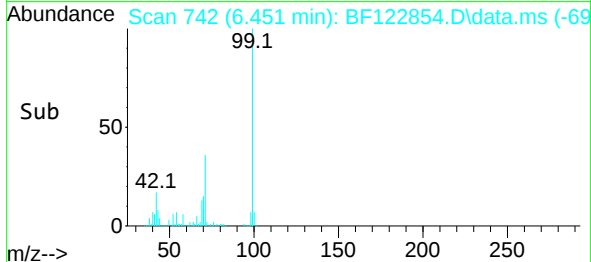
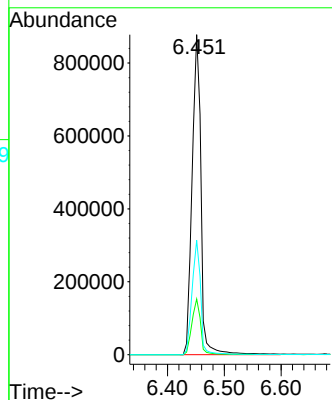
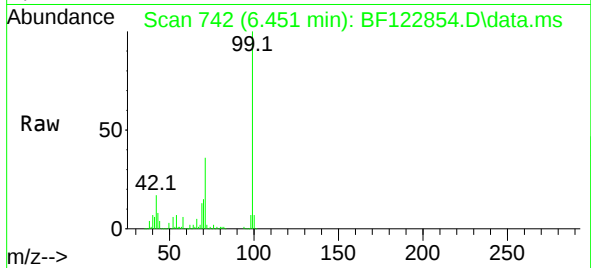




#7
Phenol-d6
Concen: 79.45 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

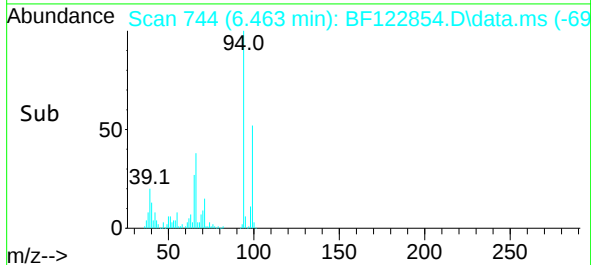
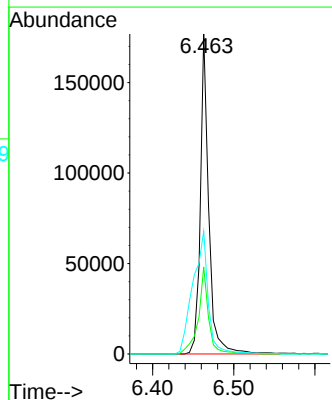
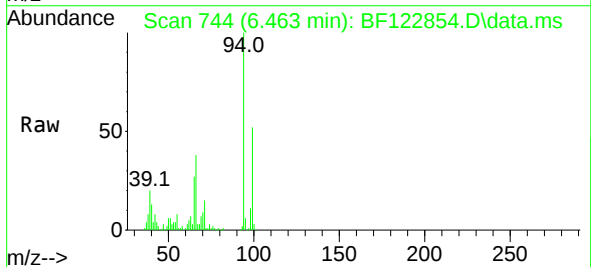
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

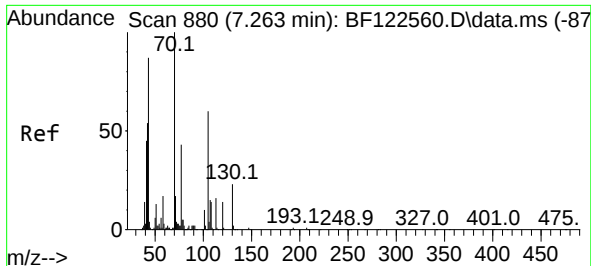
Tgt Ion: 99 Resp: 953442
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.6
71 35.8 26.9 40.3



#10
Phenol
Concen: 10.32 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion: 94 Resp: 128367
Ion Ratio Lower Upper
94 100
65 27.2 11.2 51.2
66 38.4 25.8 65.8

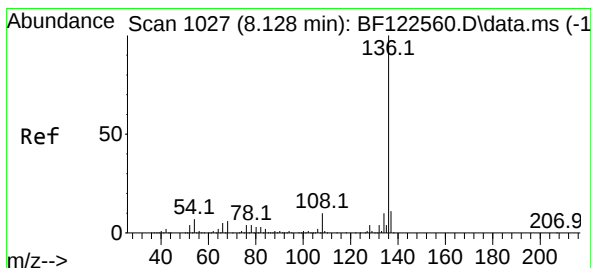
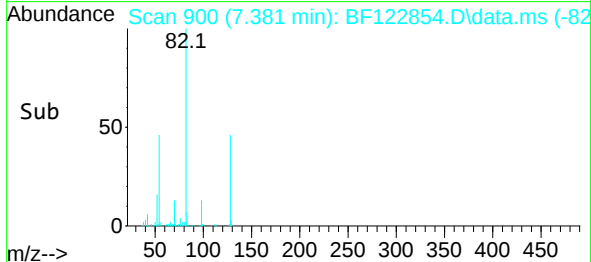
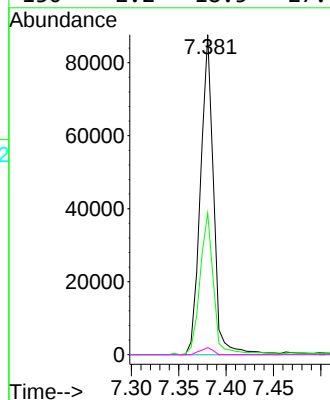
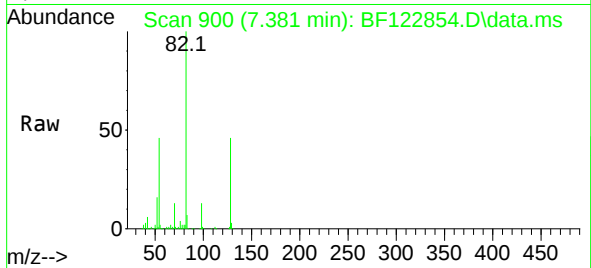




#19
n-Nitroso-di-n-propylamine
Concen: 12.35 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

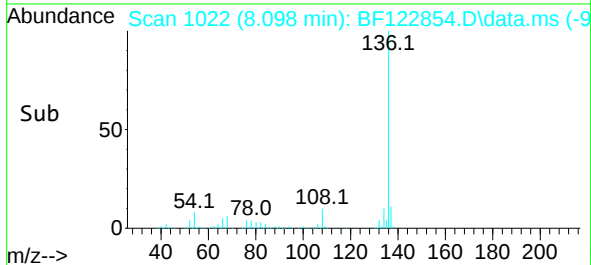
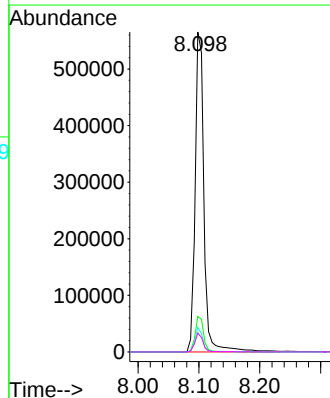
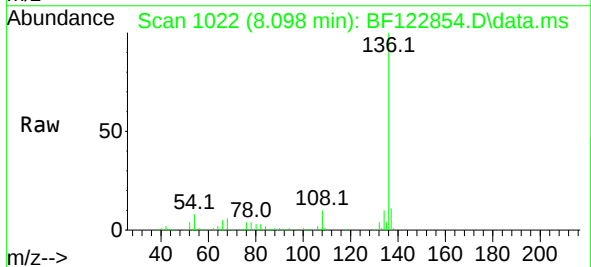
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

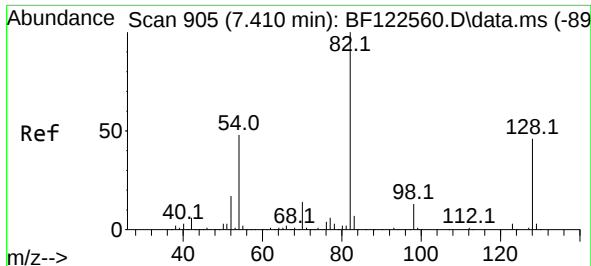
Tgt Ion: 70	Resp: 84865
Ion Ratio	Lower Upper
70 100	
42 44.2	43.0 64.4
101 0.0	7.9 11.9#
130 2.2	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion: 136	Resp: 567145
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 7.7	5.5 8.3
68 5.9	4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.07 ng

RT: 7.381 min Scan# 900

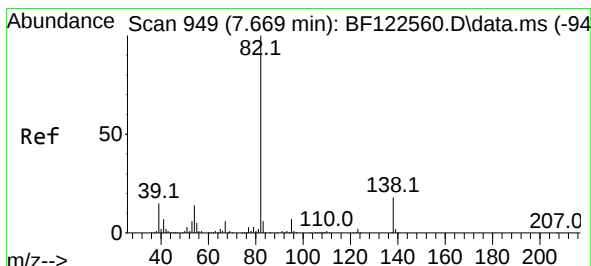
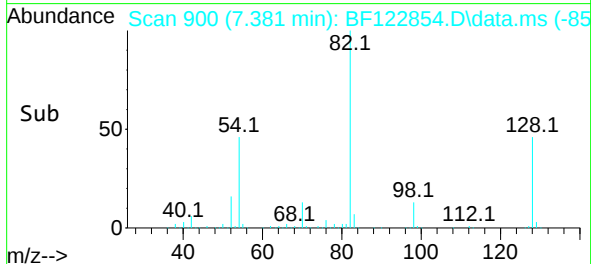
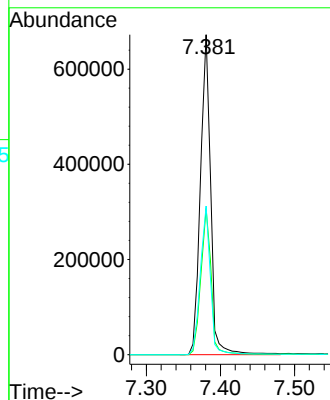
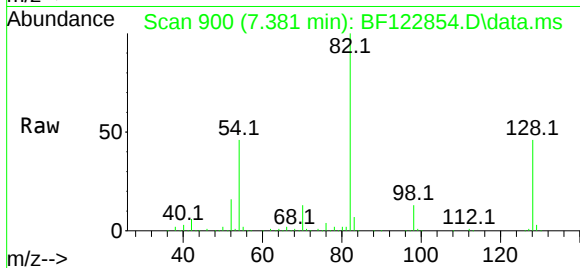
Delta R.T. -0.012 min

Lab File: BF122854.D

Acq: 24 Dec 2020 13:54

Tgt Ion: 82 Resp: 646006

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.0	55.4
54	46.5	38.4	57.6



#25

Isophorone

Concen: 33.13 ng

RT: 7.381 min Scan# 900

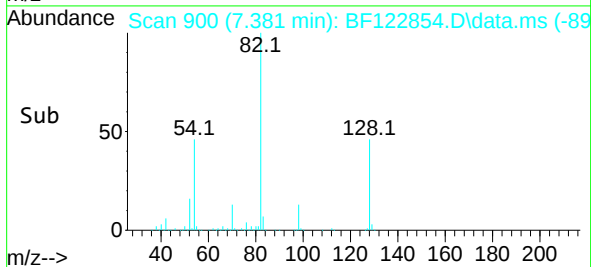
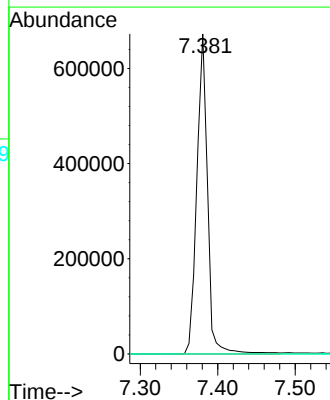
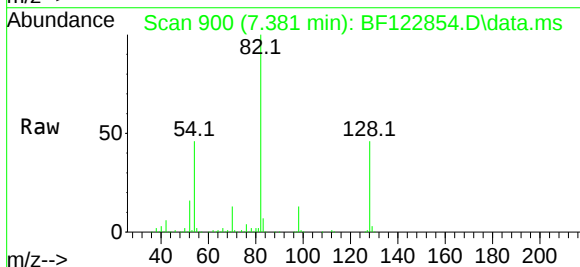
Delta R.T. -0.265 min

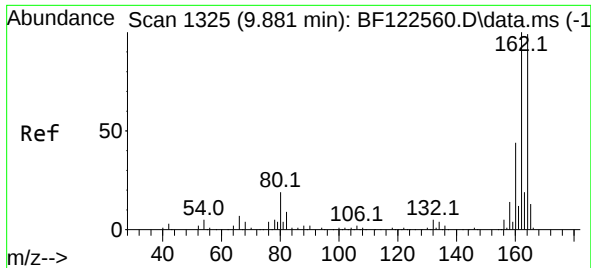
Lab File: BF122854.D

Acq: 24 Dec 2020 13:54

Tgt Ion: 82 Resp: 646003

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

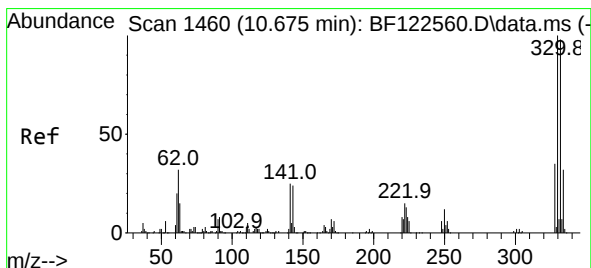
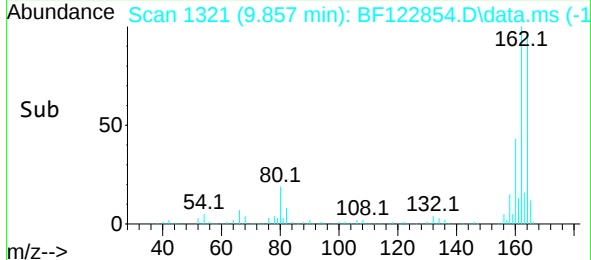
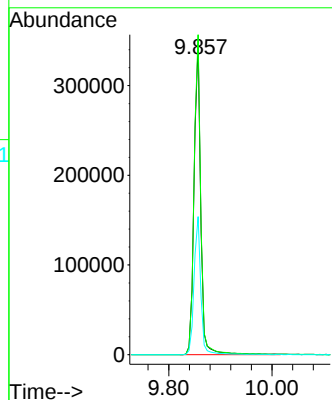
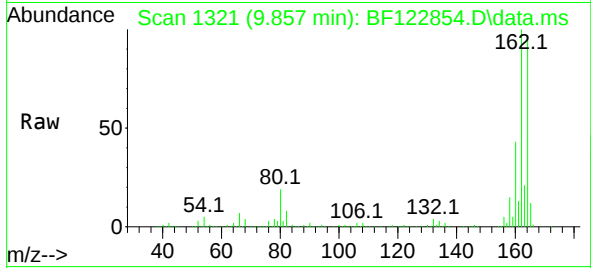




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

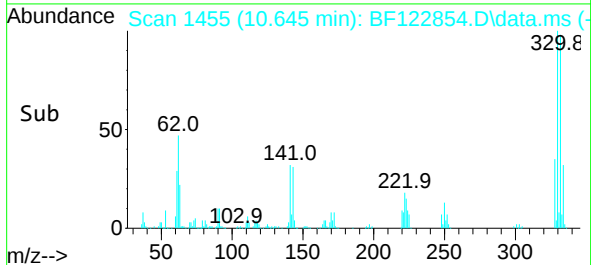
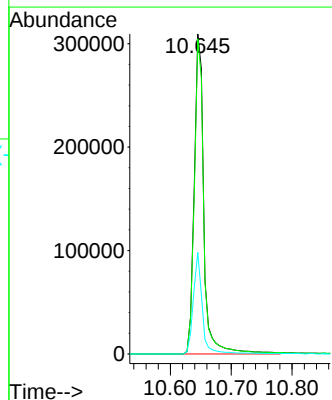
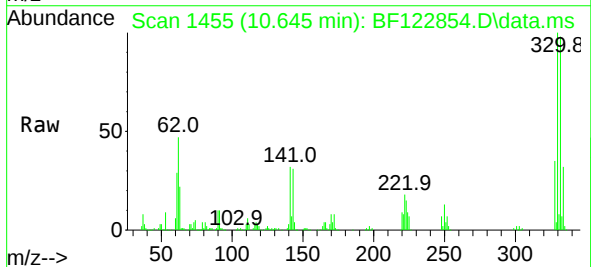
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

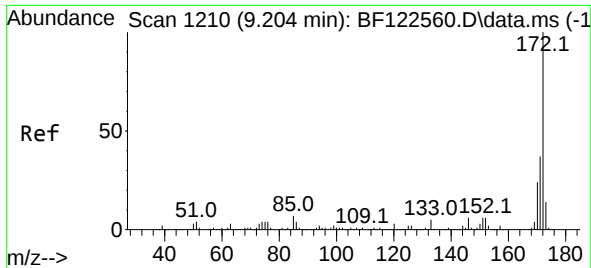
Tgt Ion:164 Resp: 313551
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 83.03 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion:330 Resp: 340774
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 29.7 23.8 35.8

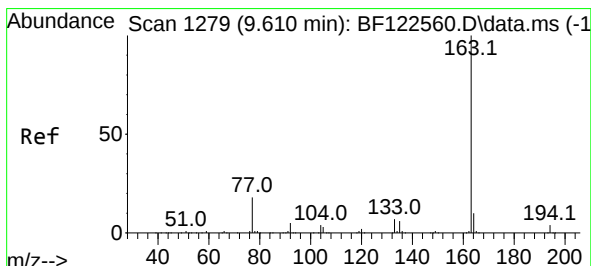
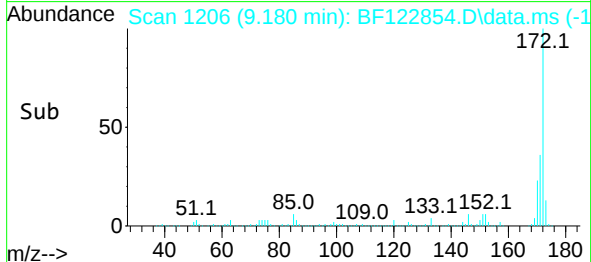
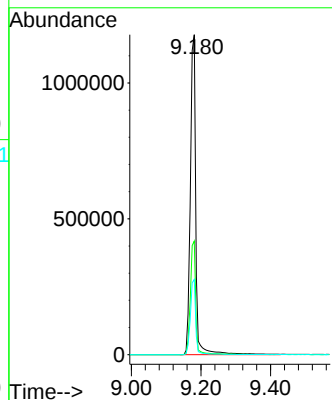
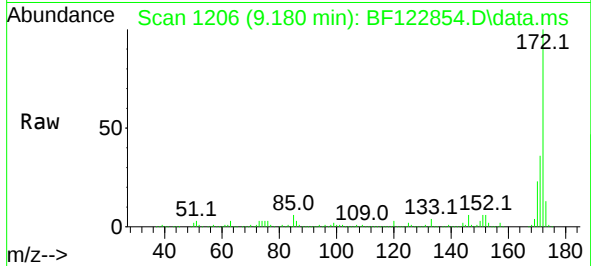




#45
2-Fluorobiphenyl
Concen: 55.01 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

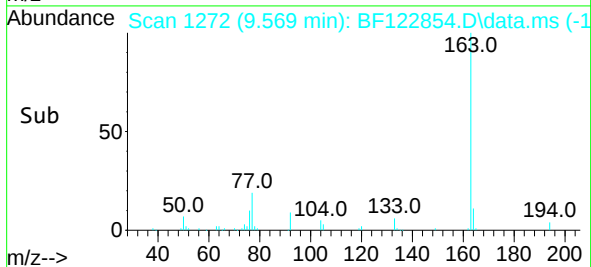
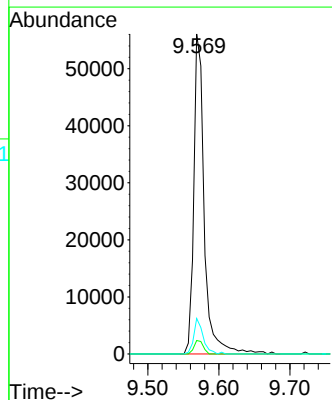
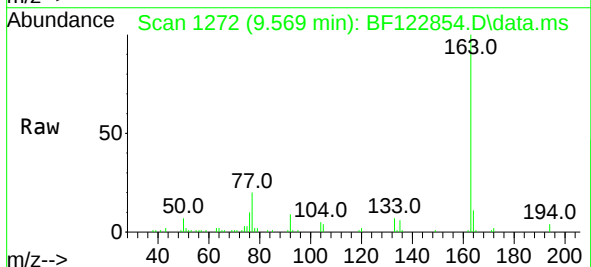
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

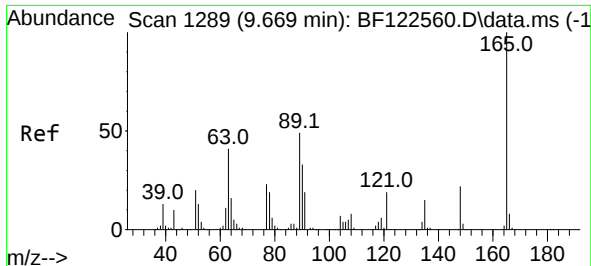
Tgt Ion:172 Resp: 1275298
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.5 19.5 29.3



#50
Dimethylphthalate
Concen: 2.30 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion:163 Resp: 57704
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 11.1 8.1 12.1

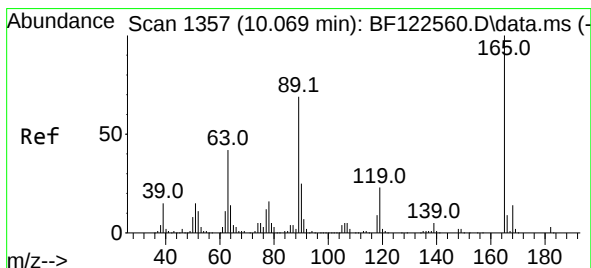
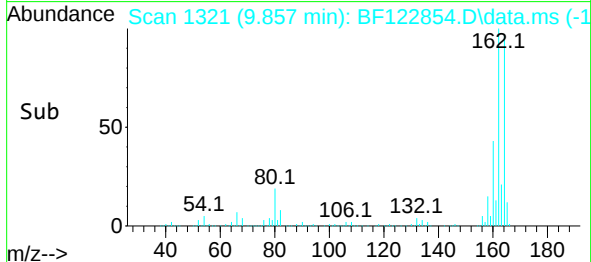
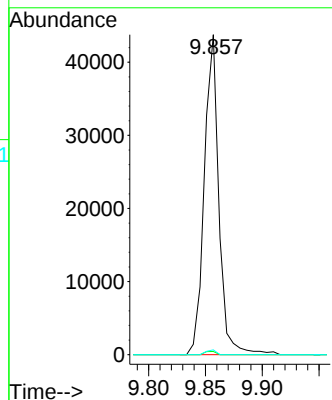
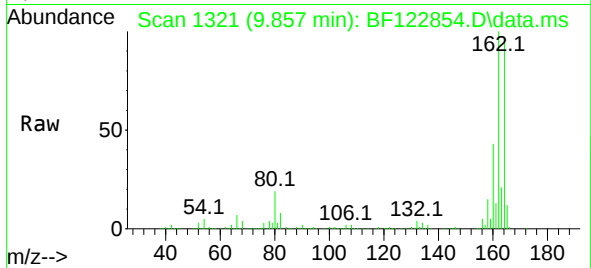




#51
2,6-Dinitrotoluene
Concen: 7.39 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

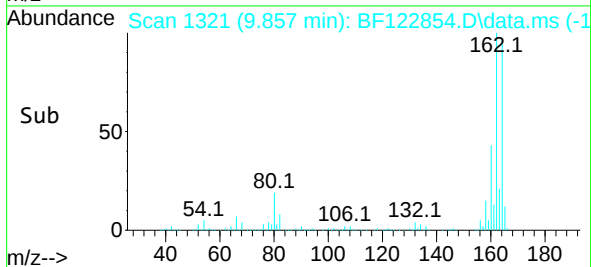
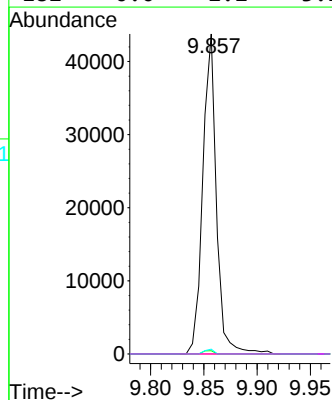
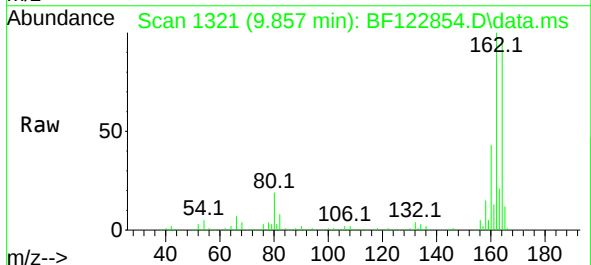
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

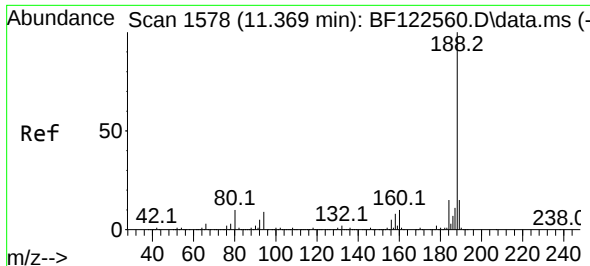
Tgt Ion:165 Resp: 39092
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion:165 Resp: 39092
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

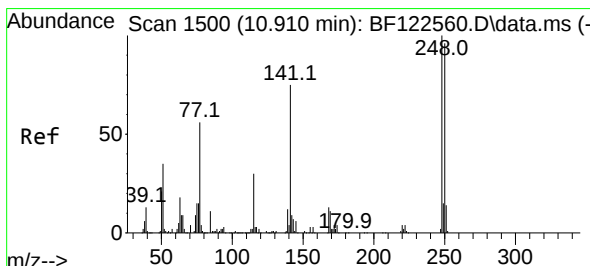
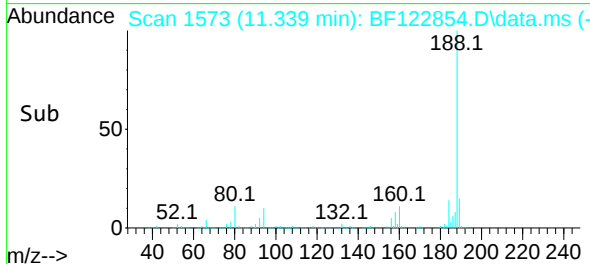
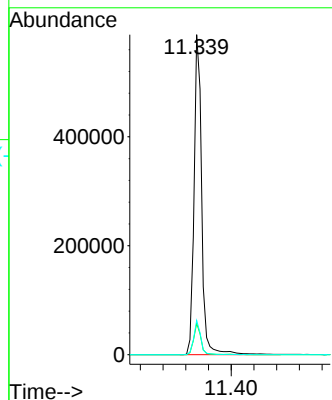
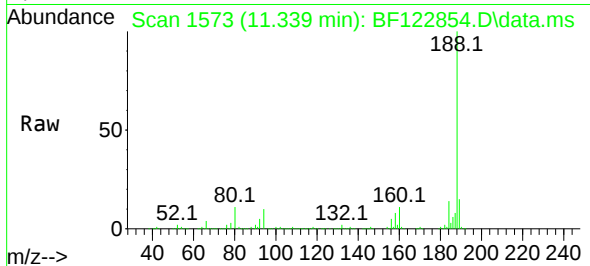




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

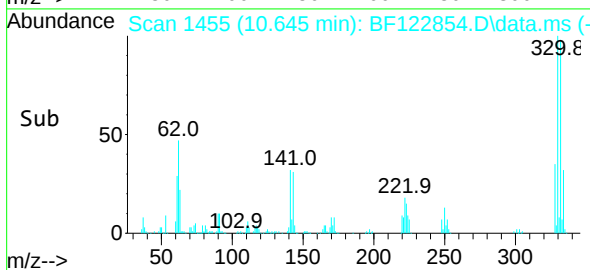
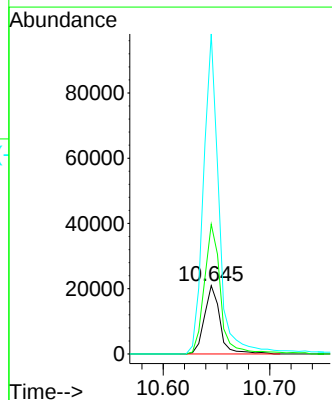
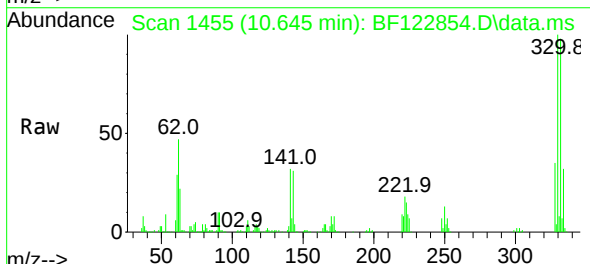
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

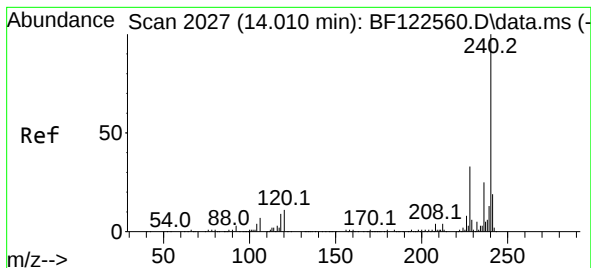
Tgt Ion:188 Resp: 549386
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion:248 Resp: 21293
Ion Ratio Lower Upper
248 100
250 189.8 76.8 115.2#
141 468.1 59.8 89.8#

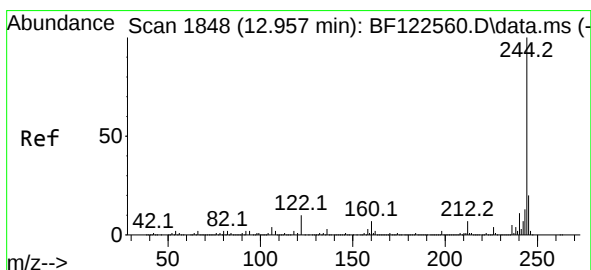
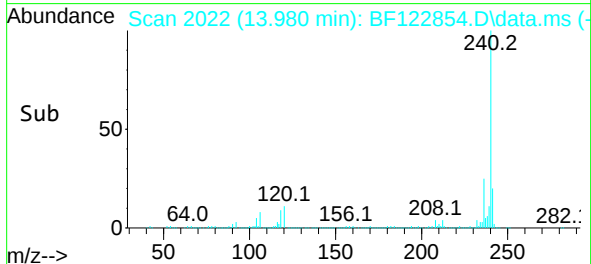
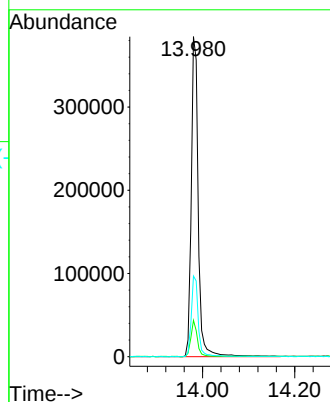
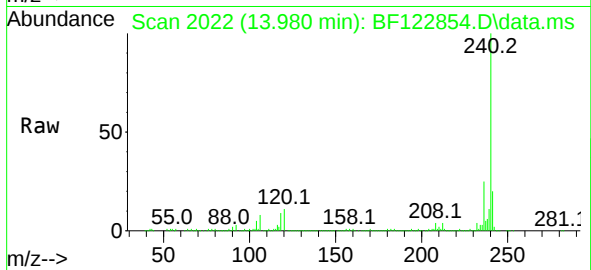




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

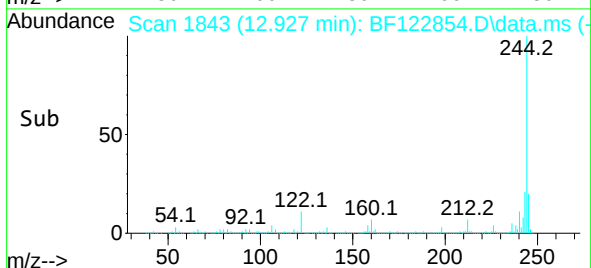
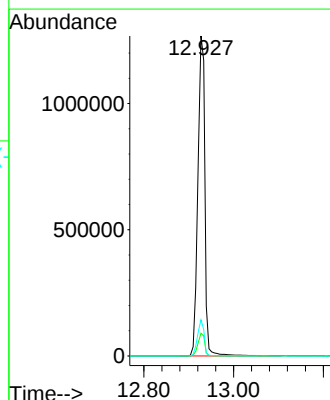
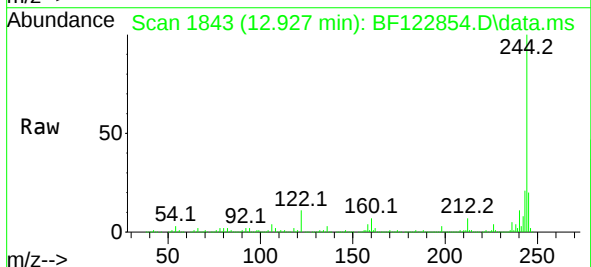
Instrument :
BNA_F
ClientSampleId :
BIN-4-122320

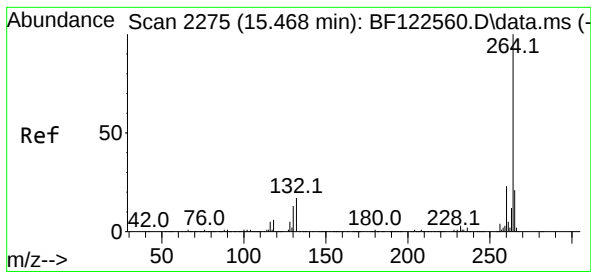
Tgt Ion:240 Resp: 401464
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 59.86 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122854.D
Acq: 24 Dec 2020 13:54

Tgt Ion:244 Resp: 1372962
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122854.D
 Acq: 24 Dec 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 BIN-4-122320

Tgt Ion:264 Resp: 371200
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.2 17.0 25.6

