

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122271.D
 Acq On : 4 Nov 2020 19:15
 Operator : JU/CG
 Sample : L4619-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3-4-COMP

Quant Time: Nov 05 00:22:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

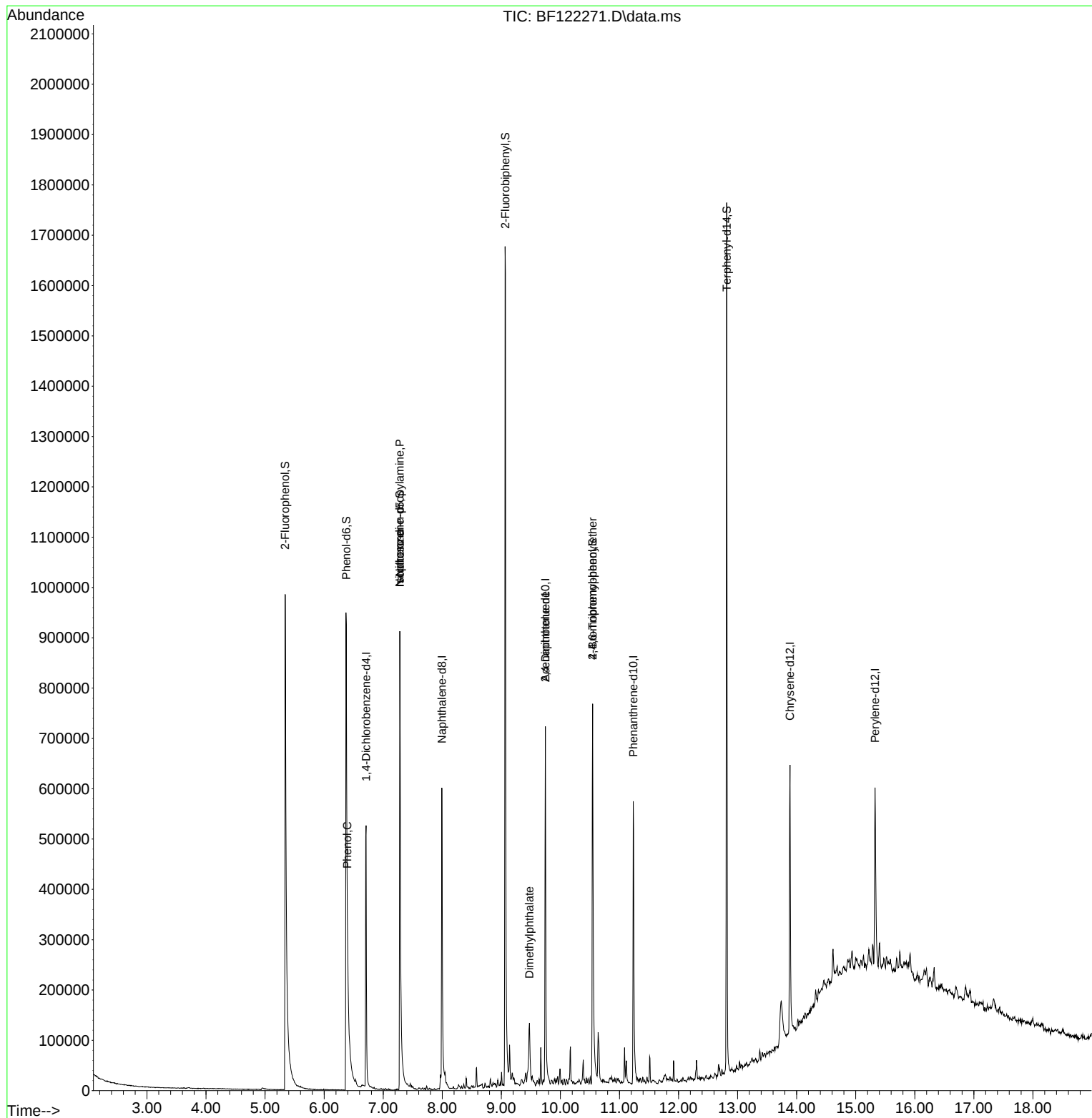
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	85428	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	333421	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	157079	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	256722	20.00	ng	0.00
76) Chrysene-d12	13.886	240	215133	20.00	ng	0.00
86) Perylene-d12	15.327	264	191835	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	487655	84.25	ng	0.00
7) Phenol-d6	6.375	99	615262	82.57	ng	0.00
23) Nitrobenzene-d5	7.281	82	397451	61.13	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	130348	67.08	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	646594	60.57	ng	0.00
79) Terphenyl-d14	12.816	244	507817	44.99	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	901	Below Cal	#	3
10) Phenol	6.393	94	20074	2.61 ng	#	63
19) n-Nitroso-di-n-propyla...	7.281	70	51729	12.19 ng	#	80
25) Isophorone	7.281	82	397451	32.33 ng	#	67
50) Dimethylphthalate	9.475	163	69491	6.05 ng		99
57) 2,4-Dinitrotoluene	9.745	165	21585	6.96 ng	#	21
67) 4-Bromophenyl-phenylether	10.545	248	8054	2.72 ng	#	1

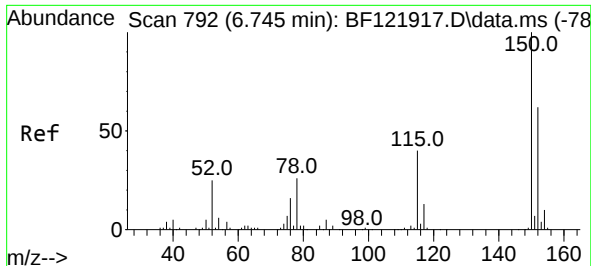
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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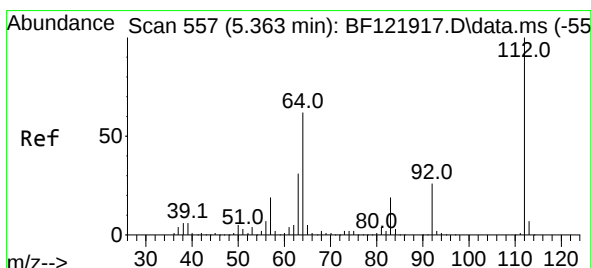
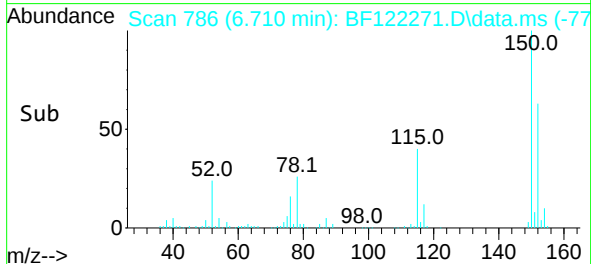
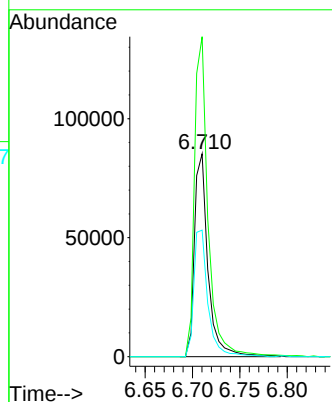
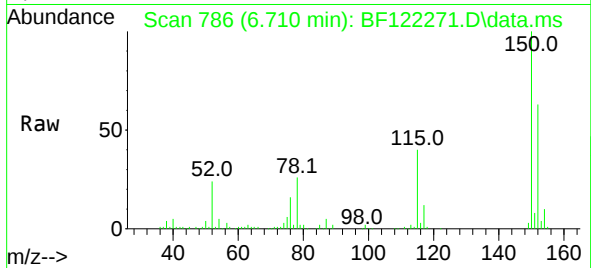




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

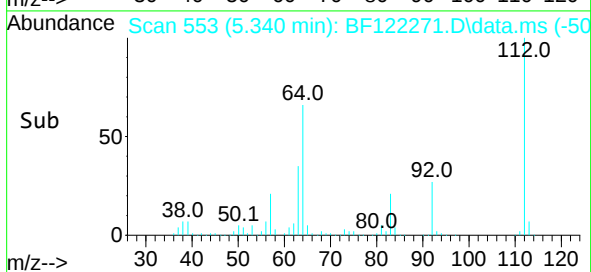
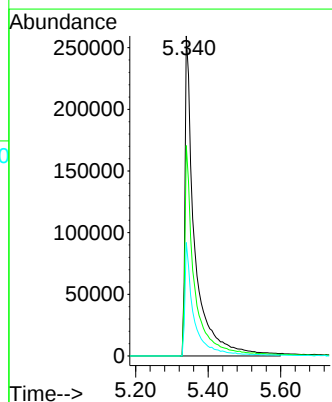
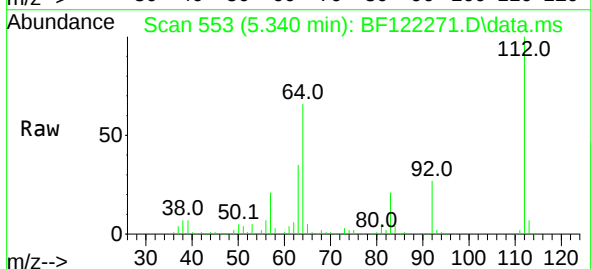
Instrument :
BNA_F
ClientSampleId :
TP-1-3-4-COMP

Tgt Ion:152 Resp: 85428
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 62.4 51.9 77.9



#5
2-Fluorophenol
Concen: 84.25 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

Tgt Ion:112 Resp: 487655
Ion Ratio Lower Upper
112 100
64 65.7 50.4 75.6
63 35.4 25.8 38.6

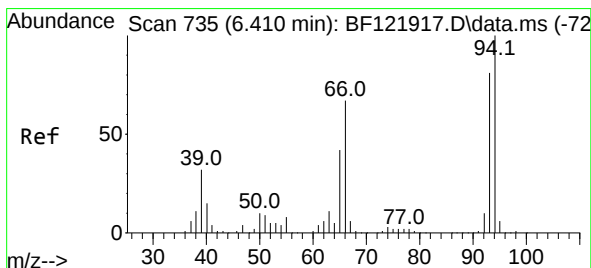
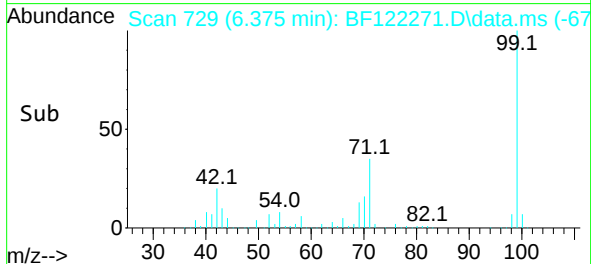
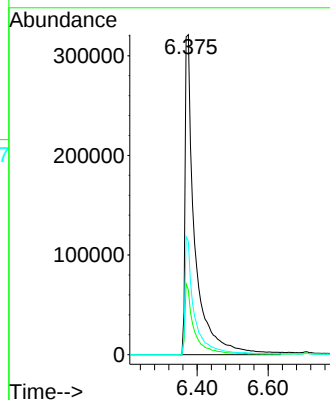
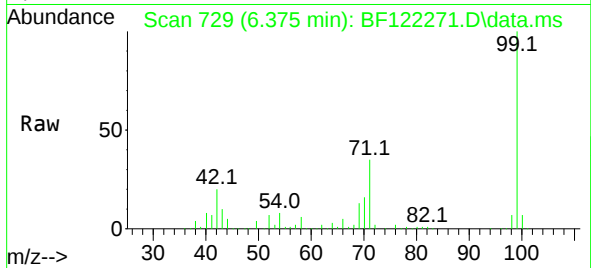




#7
Phenol-d6
Concen: 82.57 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

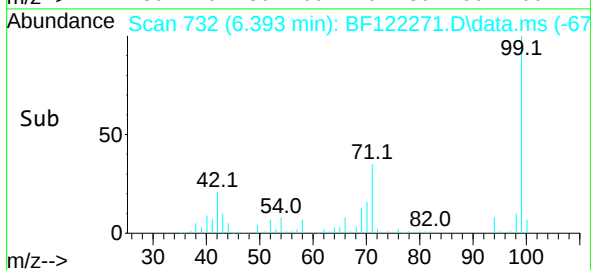
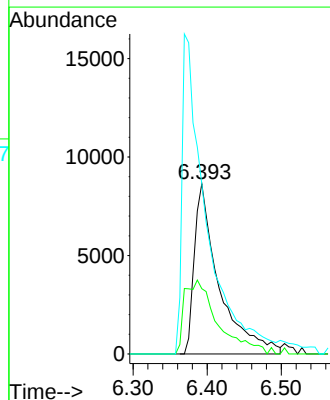
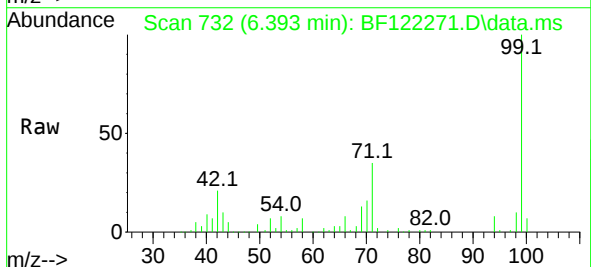
Instrument :
BNA_F
ClientSampleId :
TP-1-3-4-COMP

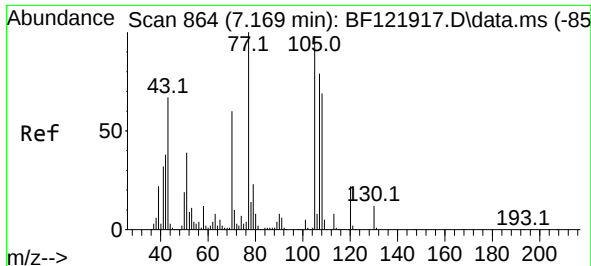
Tgt Ion: 99 Resp: 615262
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 35.3 27.1 40.7



#10
Phenol
Concen: 2.61 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.012 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

Tgt Ion: 94 Resp: 20074
Ion Ratio Lower Upper
94 100
65 38.3 17.1 57.1
66 99.8 36.0 76.0#

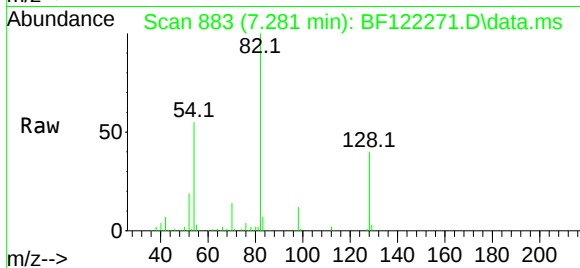




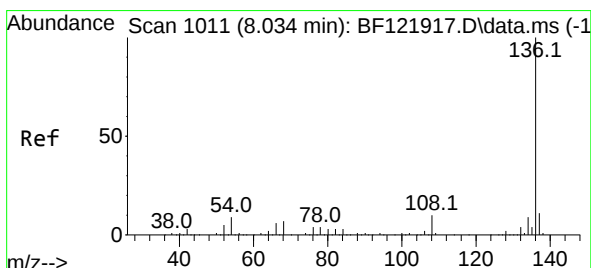
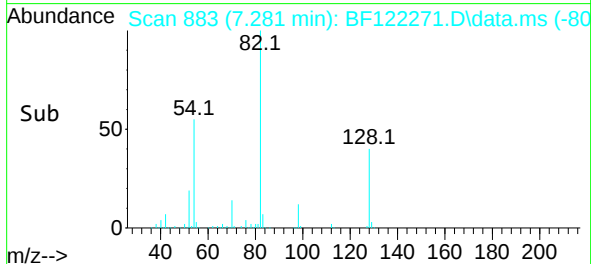
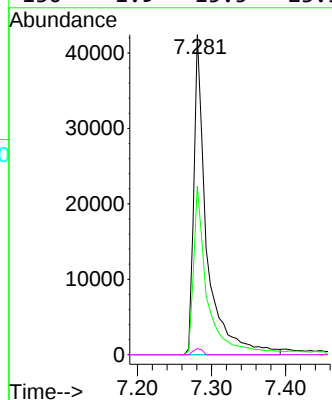
#19

n-Nitroso-di-n-propylamine
Concen: 12.19 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

Instrument :
BNA_F
ClientSampleId :
TP-1-3-4-COMP



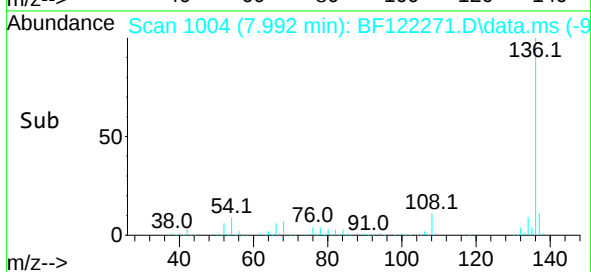
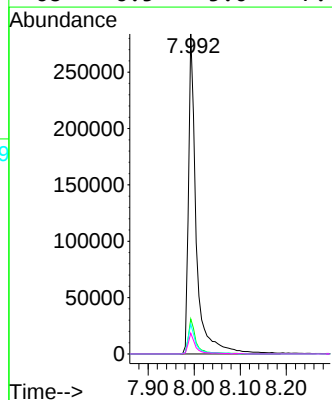
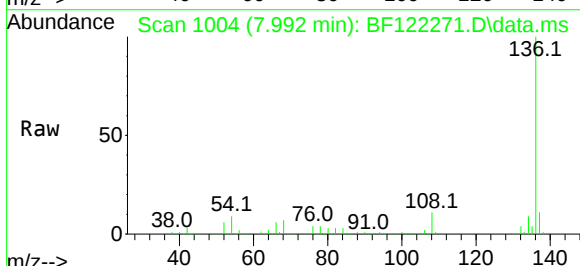
Tgt Ion:	70	Resp:	51729
Ion	Ratio	Lower	Upper
70	100		
42	52.7	50.2	75.4
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#

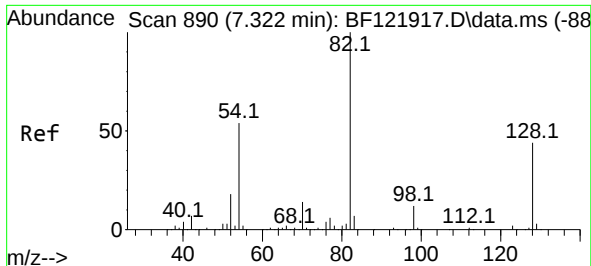


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

Tgt Ion:	136	Resp:	333421
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.1	10.7
68	6.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 61.13 ng

RT: 7.281 min Scan# 883

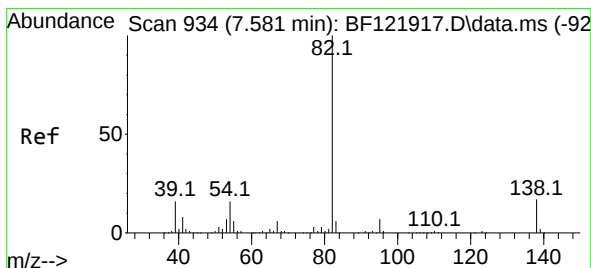
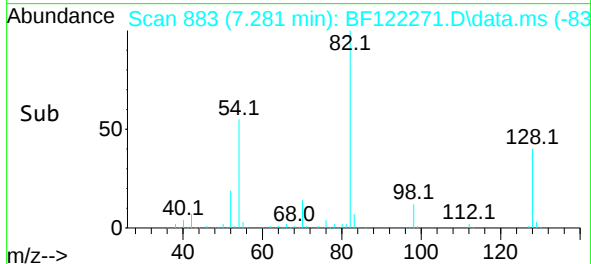
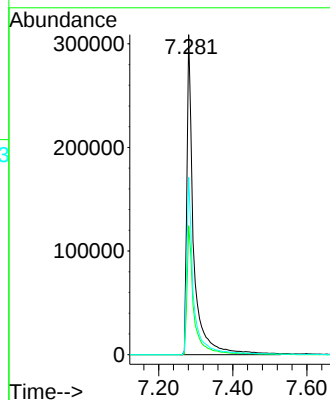
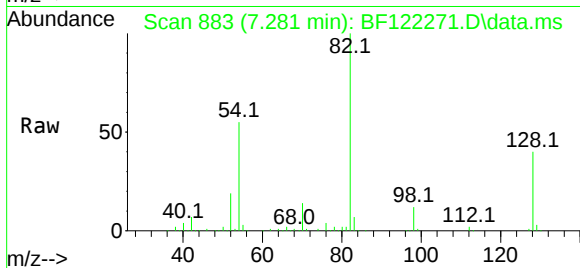
Delta R.T. -0.006 min

Lab File: BF122271.D

Acq: 4 Nov 2020 19:15

Tgt Ion: 82 Resp: 397451

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.0	52.4
54	55.4	43.9	65.9



#25

Isophorone

Concen: 32.33 ng

RT: 7.281 min Scan# 883

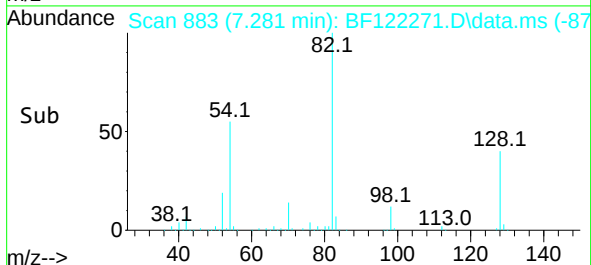
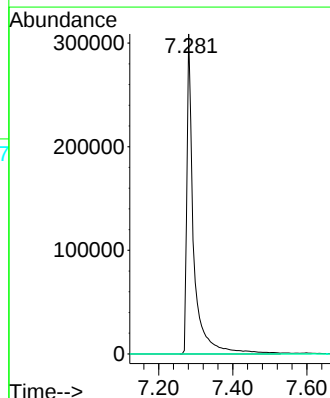
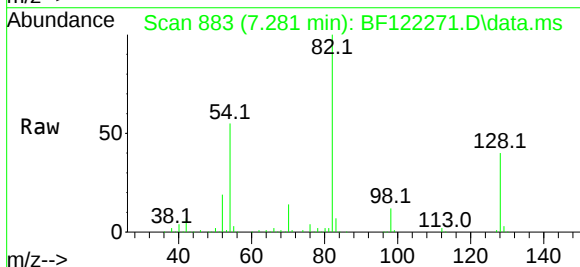
Delta R.T. -0.265 min

Lab File: BF122271.D

Acq: 4 Nov 2020 19:15

Tgt Ion: 82 Resp: 397451

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

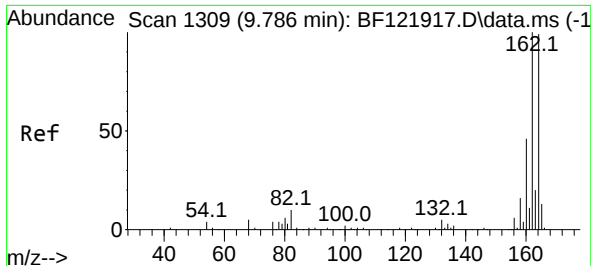


Instrument :

BNA_F

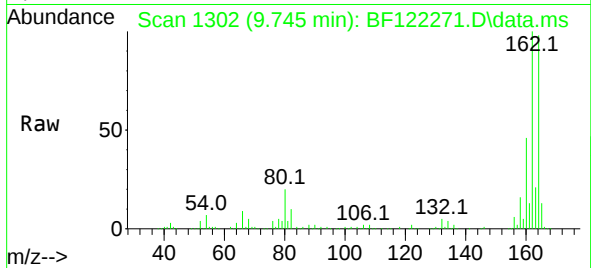
ClientSampleId :

TP-1-3-4-COMP

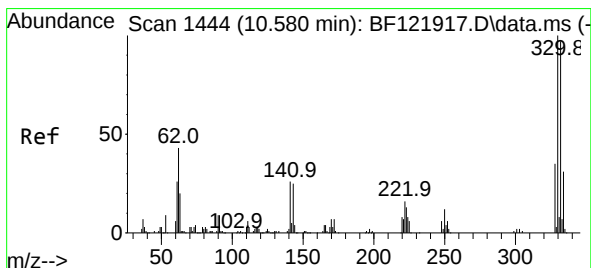
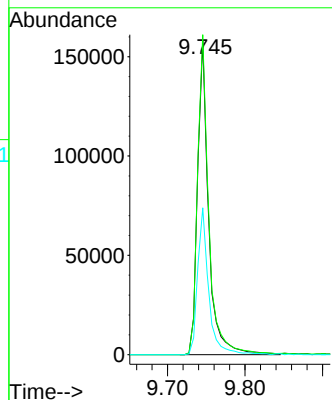
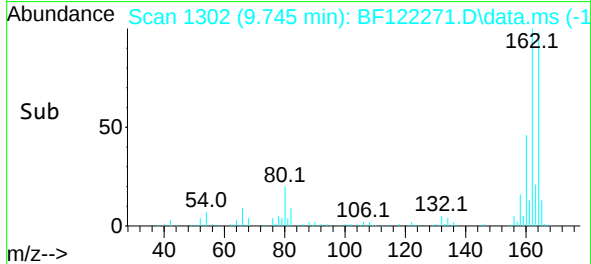


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

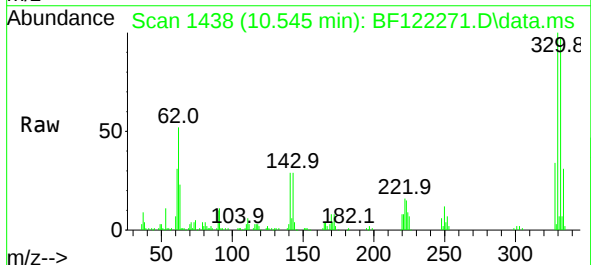
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BNA_F
ClientSampleId :
TP-1-3-4-COMP



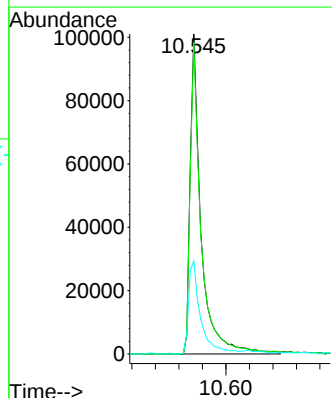
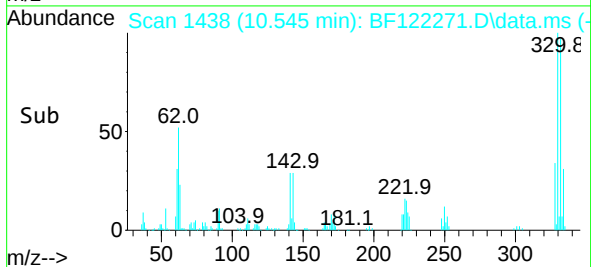
Tgt Ion:164 Resp: 157079
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 46.8 37.5 56.3

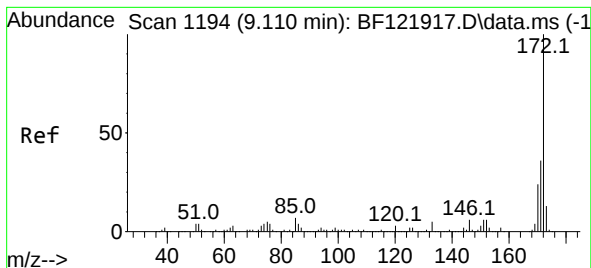


#42
2,4,6-Tribromophenol
Concen: 67.08 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15



Tgt Ion:330 Resp: 130348
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 31.8 22.3 33.5

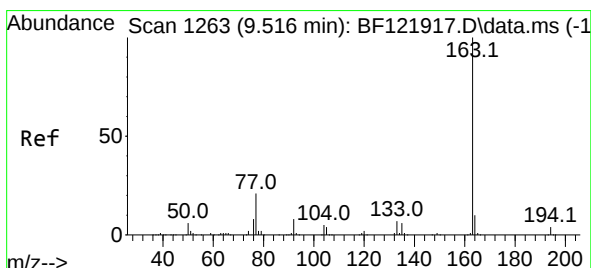
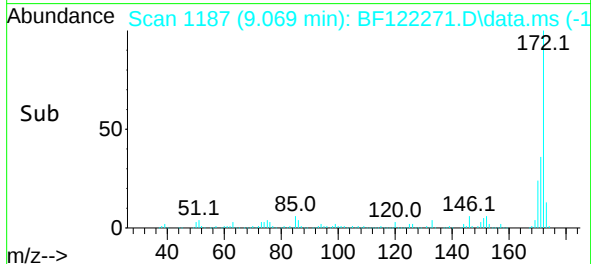
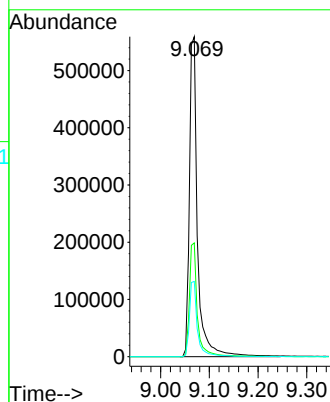
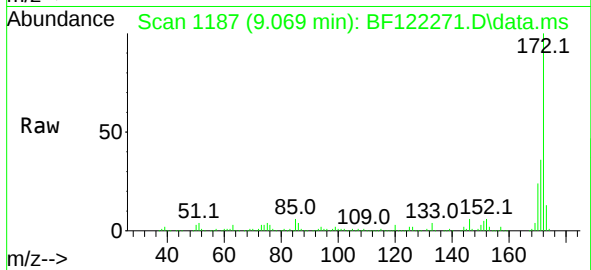




#45
2-Fluorobiphenyl
Concen: 60.57 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

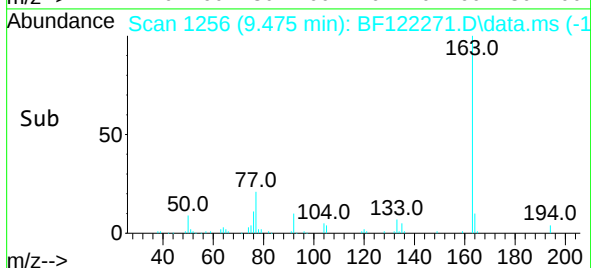
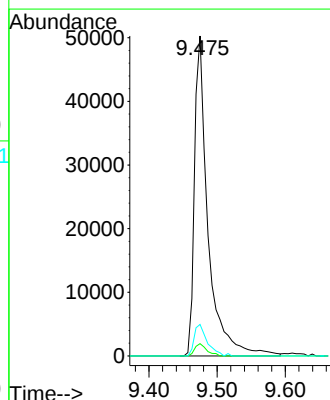
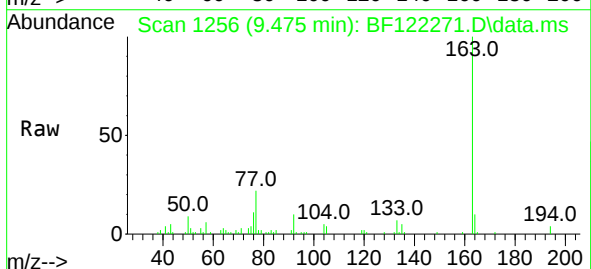
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TP-1-3-4-COMP

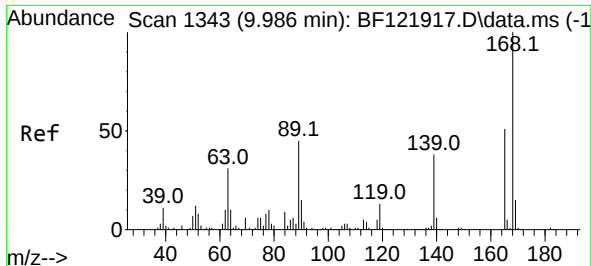
Tgt Ion:172 Resp: 646594
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 6.05 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

Tgt Ion:163 Resp: 69491
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.2 12.4

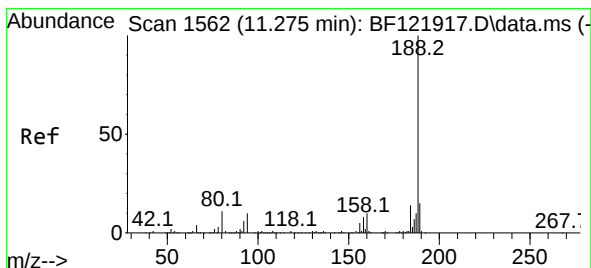
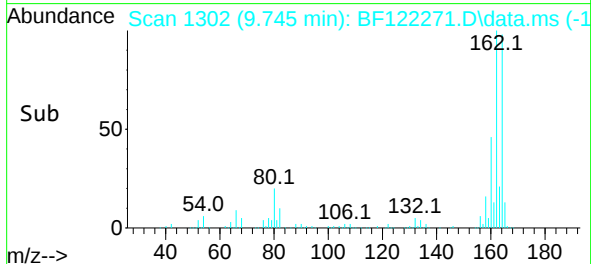
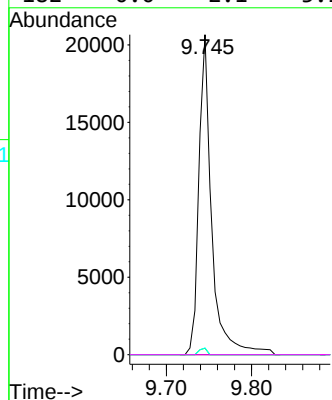
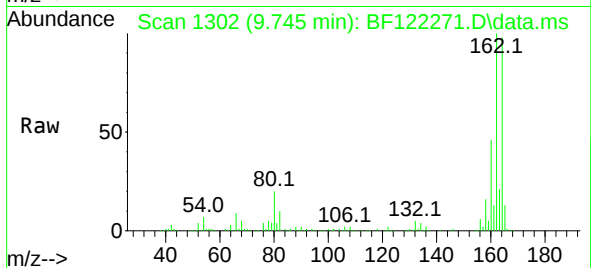




#57
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

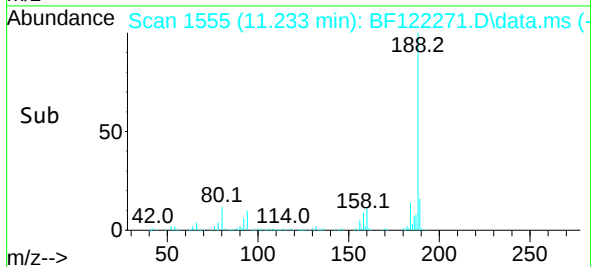
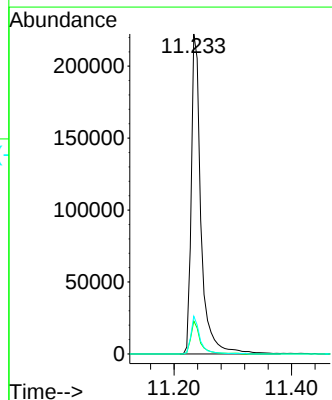
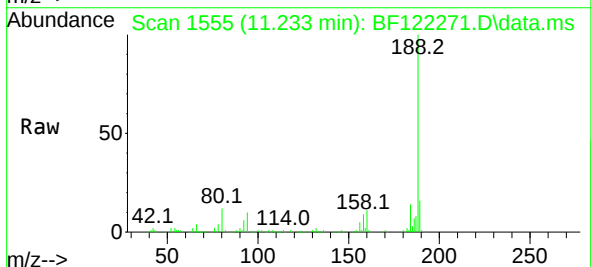
Instrument :
BNA_F
ClientSampleId :
TP-1-3-4-COMP

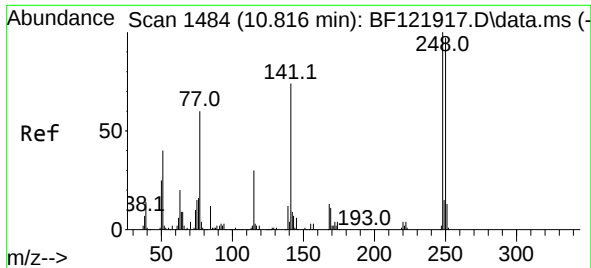
Tgt Ion:165 Resp: 21585
Ion Ratio Lower Upper
165 100
63 2.0 41.3 61.9#
89 2.1 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

Tgt Ion:188 Resp: 256722
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.8 9.1 13.7

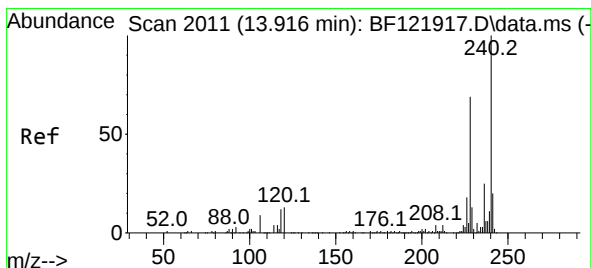
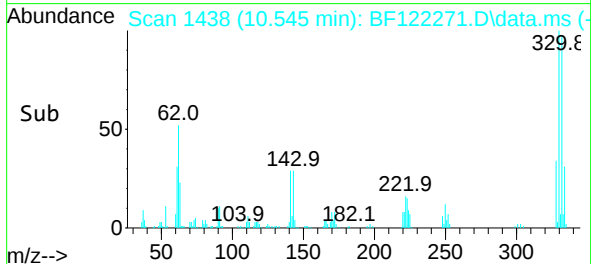
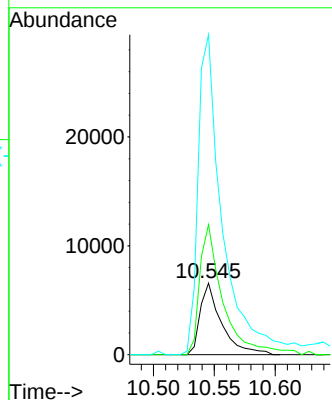
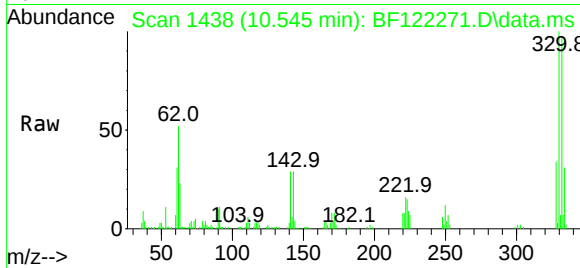




#67
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

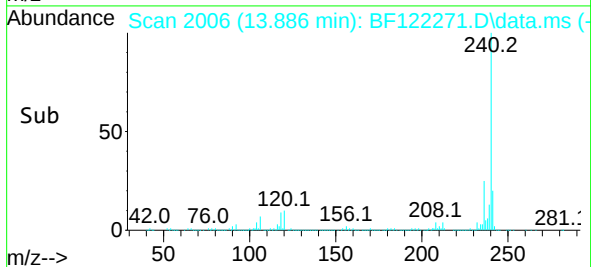
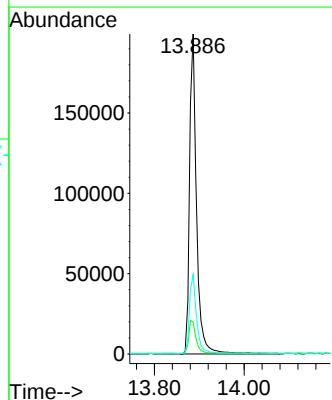
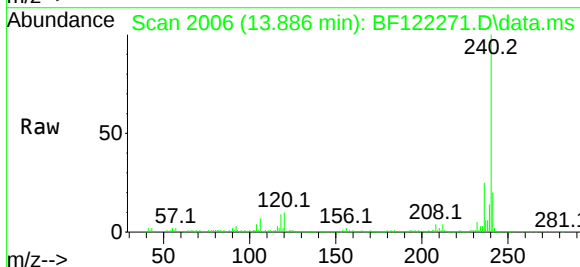
Instrument :
BNA_F
ClientSampleId :
TP-1-3-4-COMP

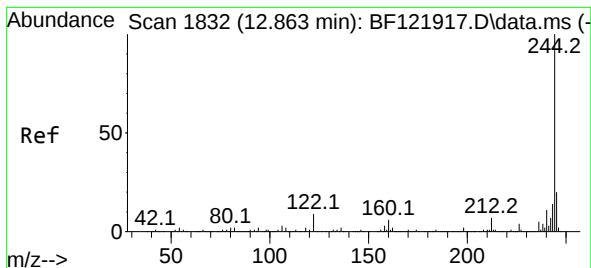
Tgt Ion:248 Resp: 8054
Ion Ratio Lower Upper
248 100
250 182.1 77.0 115.6#
141 447.6 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122271.D
Acq: 4 Nov 2020 19:15

Tgt Ion:240 Resp: 215133
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 24.9 20.9 31.3

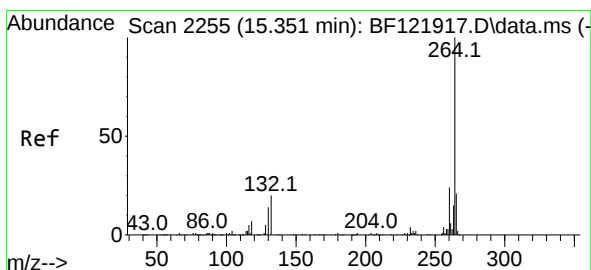
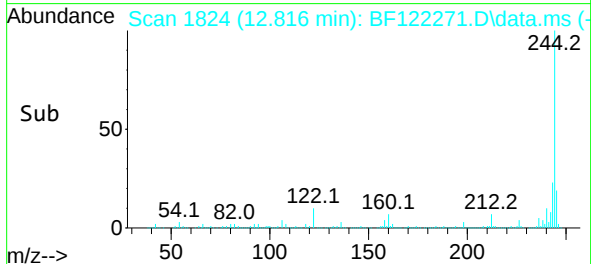
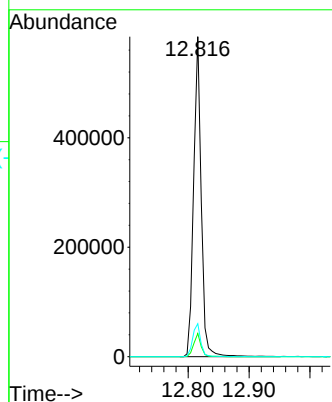
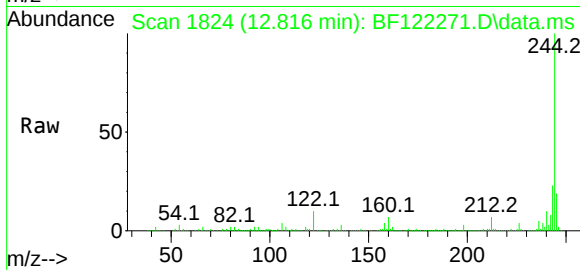




#79
 Terphenyl-d14
 Concen: 44.99 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF122271.D
 Acq: 4 Nov 2020 19:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3-4-COMP

Tgt Ion:244 Resp: 507817
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.024 min
 Lab File: BF122271.D
 Acq: 4 Nov 2020 19:15

Tgt Ion:264 Resp: 191835
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.1 17.3 25.9

