

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122269.D
 Acq On : 4 Nov 2020 18:12
 Operator : JU/CG
 Sample : L4600-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-19

Quant Time: Nov 05 00:22:20 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)

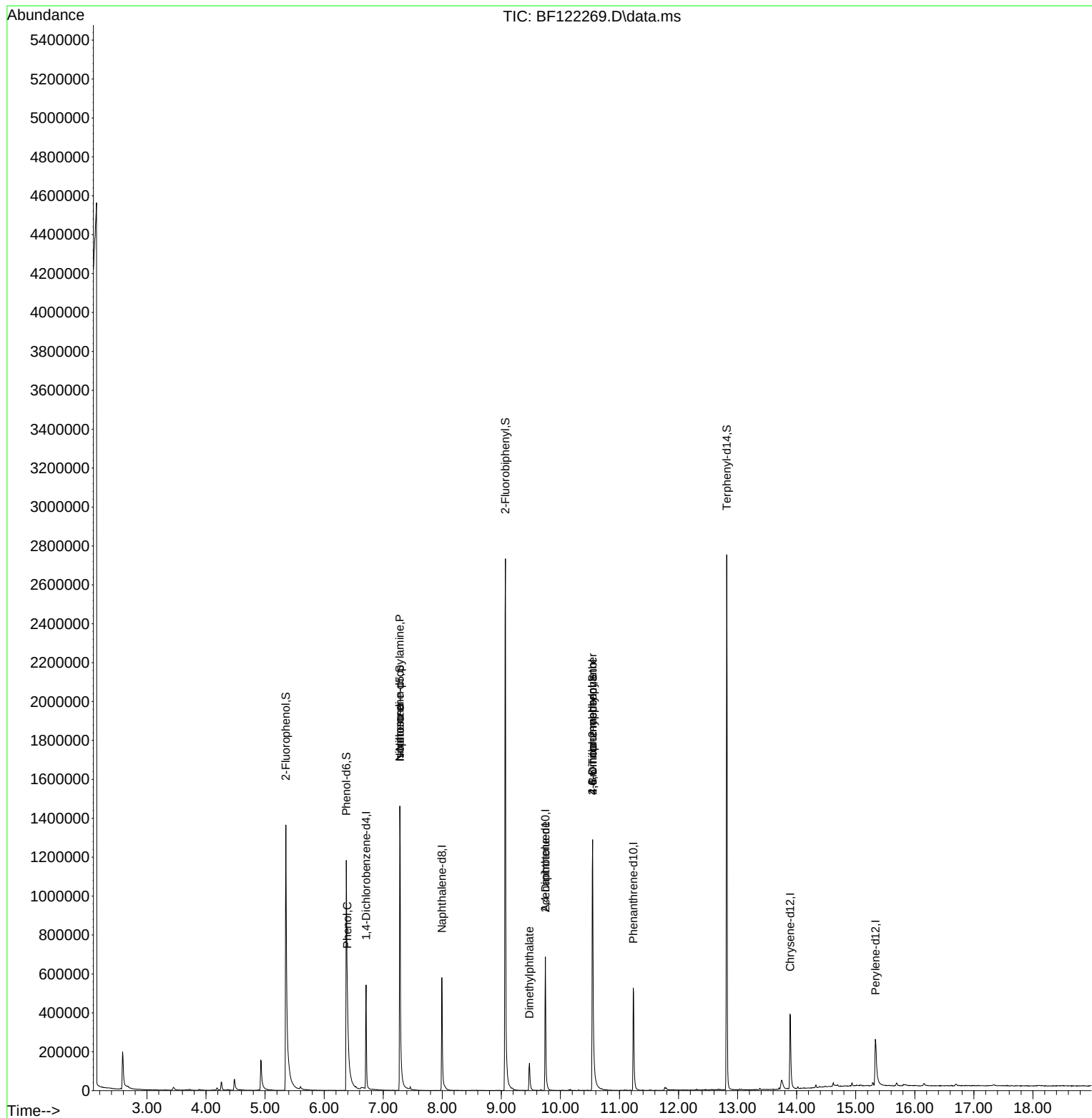
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81836	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	322309	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	160224	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	268182	20.00	ng	0.00
76) Chrysene-d12	13.892	240	204830	20.00	ng	0.01
86) Perylene-d12	15.333	264	192530	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	643613	116.08	ng	0.02
7) Phenol-d6	6.375	99	714841	100.15	ng	0.00
23) Nitrobenzene-d5	7.281	82	580146	92.31	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	242168	122.18	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1030993	94.68	ng	0.00
79) Terphenyl-d14	12.816	244	903608	84.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	932	Below Cal	#	3
10) Phenol	6.393	94	26889	3.65	ng	# 48
19) n-Nitroso-di-n-propyla...	7.281	70	78357	19.28	ng	# 80
25) Isophorone	7.281	82	580146	48.82	ng	# 67
50) Dimethylphthalate	9.475	163	86172	7.36	ng	100
57) 2,4-Dinitrotoluene	9.745	165	20116	6.36	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.545	198	394	4.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	14593	4.71	ng	# 1

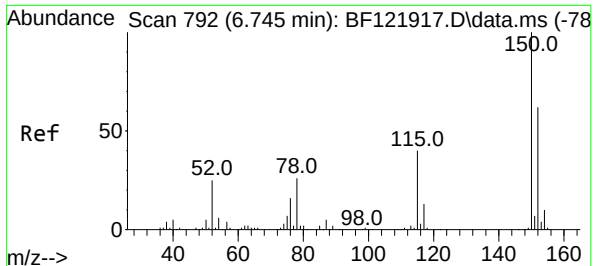
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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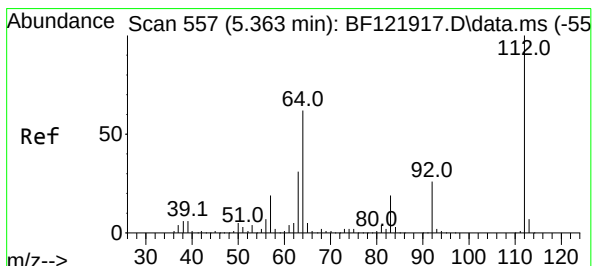
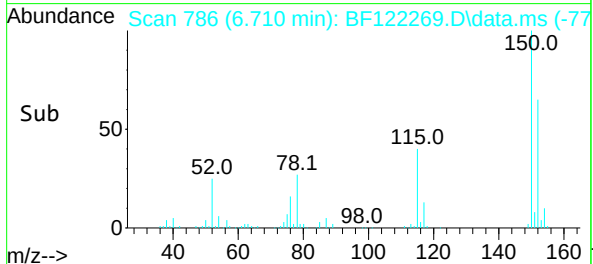
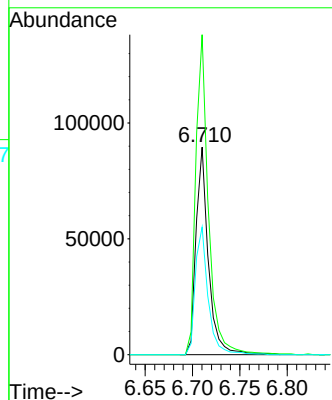
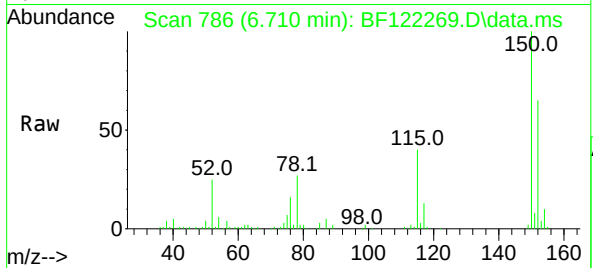




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

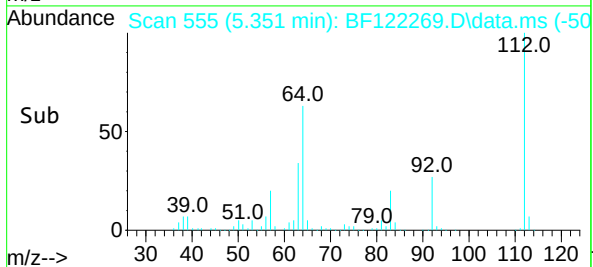
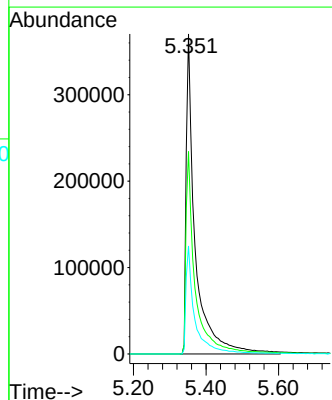
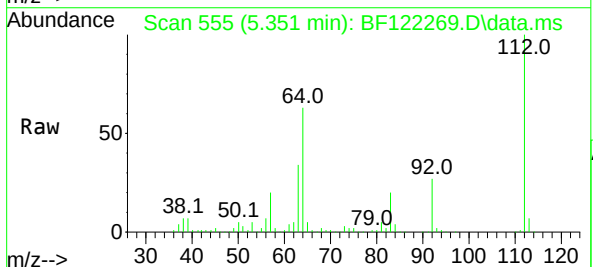
Instrument :
BNA_F
ClientSampleId :
CRT-19

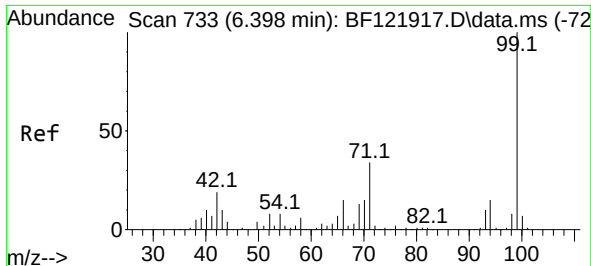
Tgt Ion:152 Resp: 81836
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 61.4 51.9 77.9



#5
2-Fluorophenol
Concen: 116.08 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

Tgt Ion:112 Resp: 643613
Ion Ratio Lower Upper
112 100
64 63.2 50.4 75.6
63 33.7 25.8 38.6

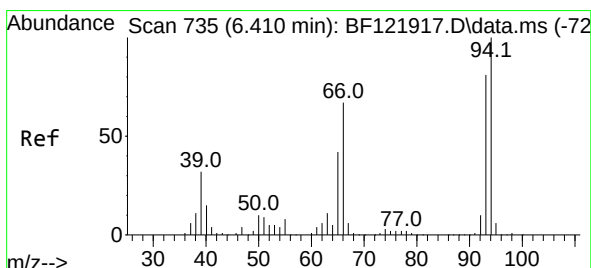
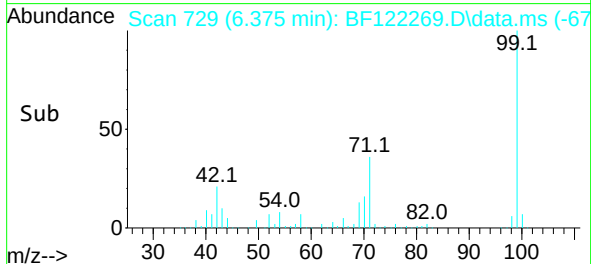
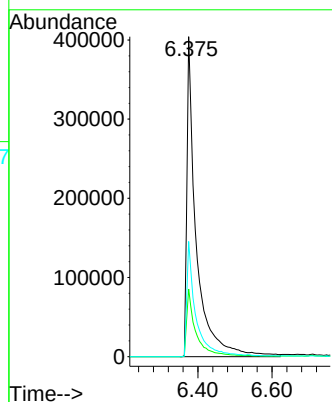
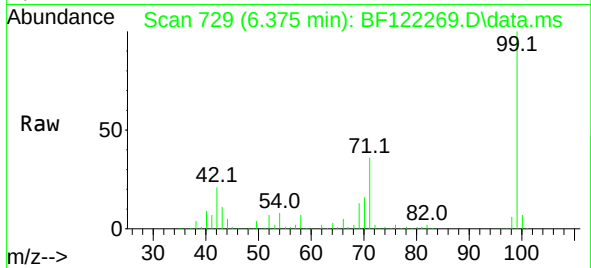




#7
Phenol-d6
Concen: 100.15 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

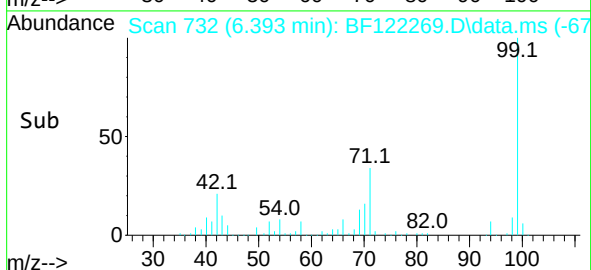
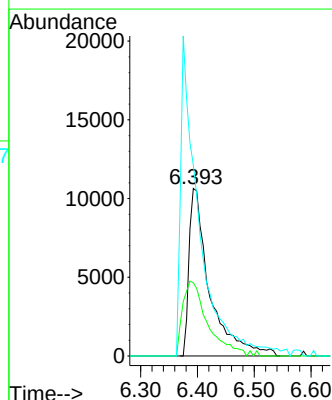
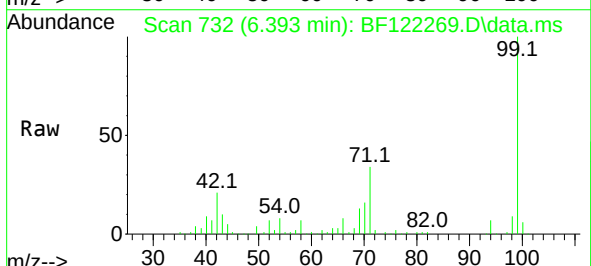
Instrument :
BNA_F
ClientSampled :
CRT-19

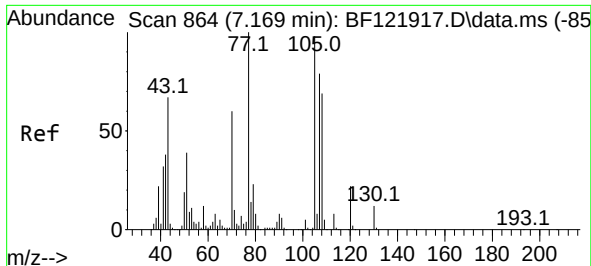
Tgt Ion: 99 Resp: 714841
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 36.0 27.1 40.7



#10
Phenol
Concen: 3.65 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.012 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

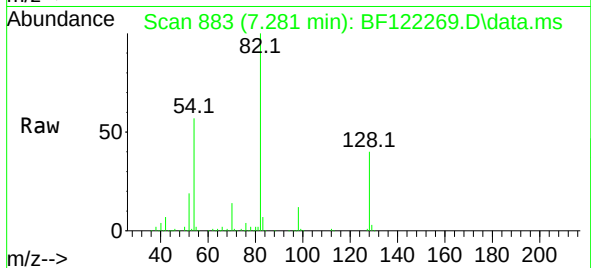
Tgt Ion: 94 Resp: 26889
Ion Ratio Lower Upper
94 100
65 43.7 17.1 57.1
66 114.1 36.0 76.0#



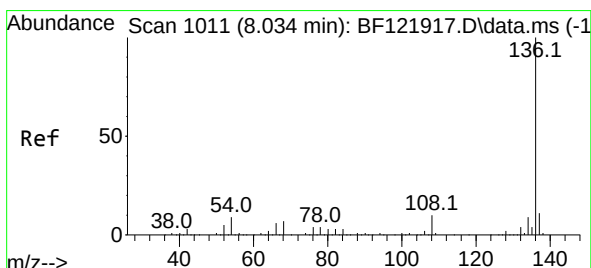
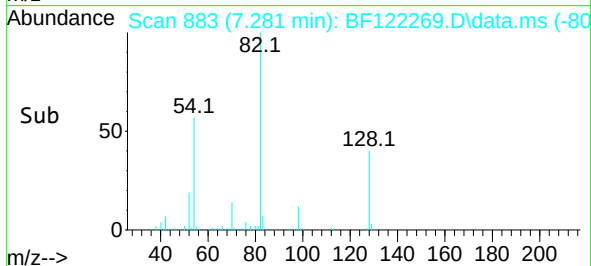
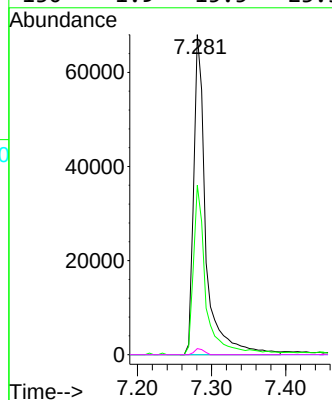


#19
n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

Instrument :
BNA_F
ClientSampleId :
CRT-19

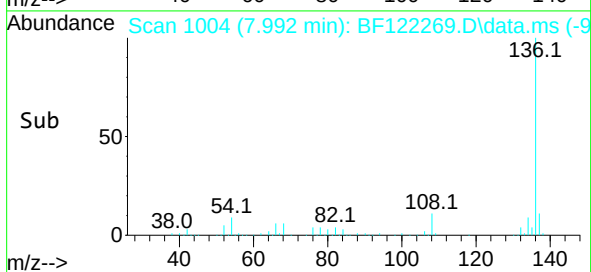
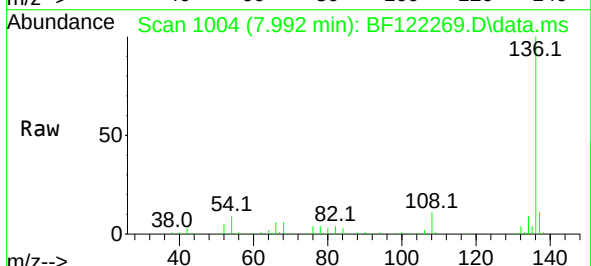
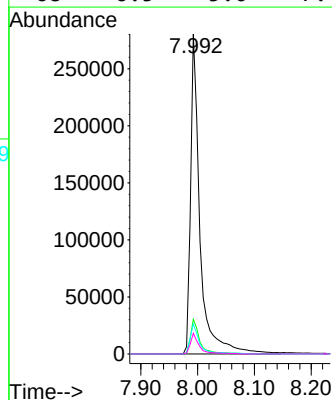


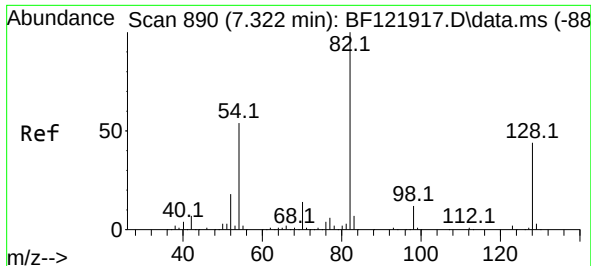
Tgt Ion: 70 Resp: 78357
Ion Ratio Lower Upper
70 100
42 53.0 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

Tgt Ion: 136 Resp: 322309
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: 92.31 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122269.D

Acq: 4 Nov 2020 18:12

Tgt Ion: 82 Resp: 580146

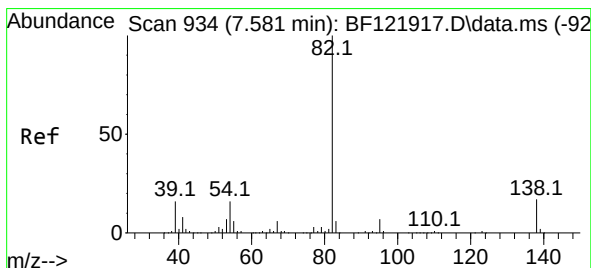
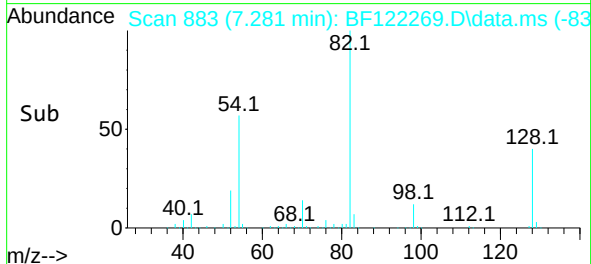
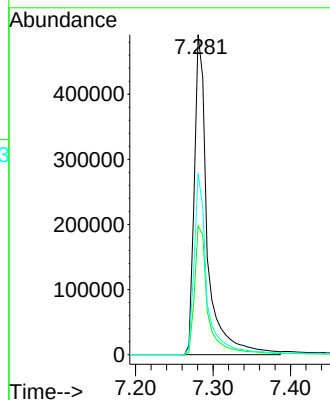
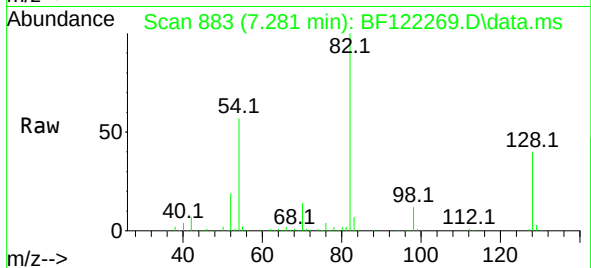
Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.0	52.4
54	56.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

CRT-19



#25

Isophorone

Concen: 48.82 ng

RT: 7.281 min Scan# 883

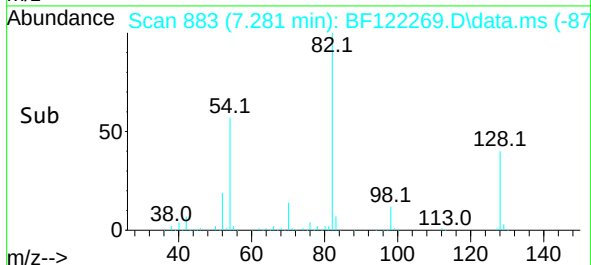
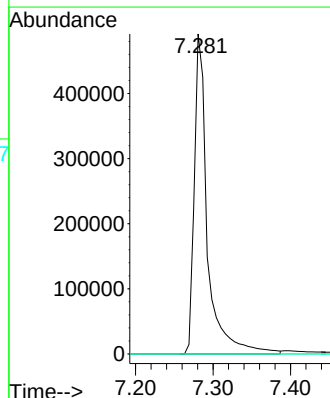
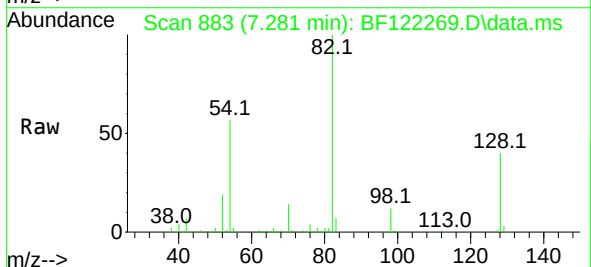
Delta R.T. -0.265 min

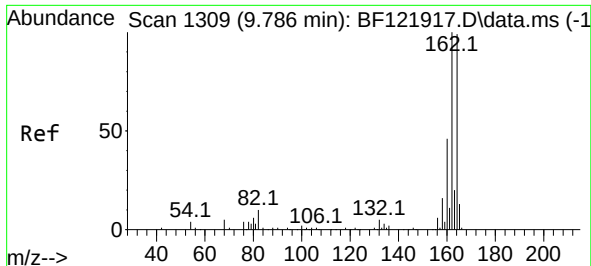
Lab File: BF122269.D

Acq: 4 Nov 2020 18:12

Tgt Ion: 82 Resp: 580146

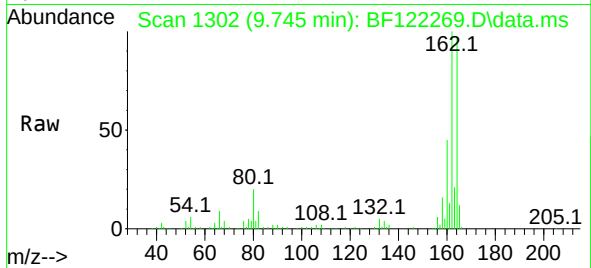
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#



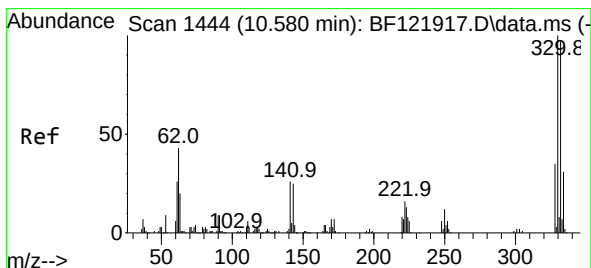
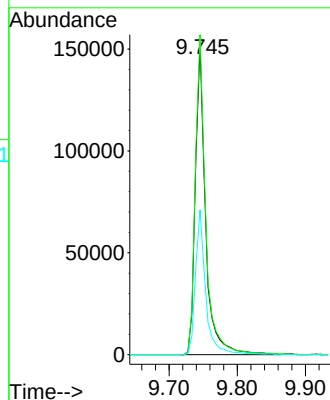
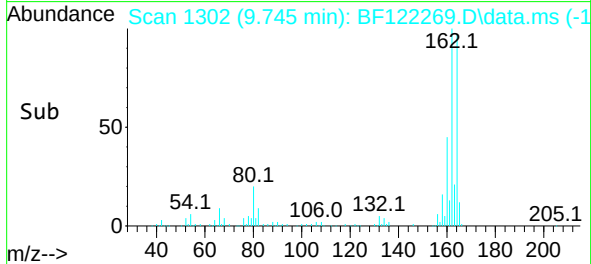


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

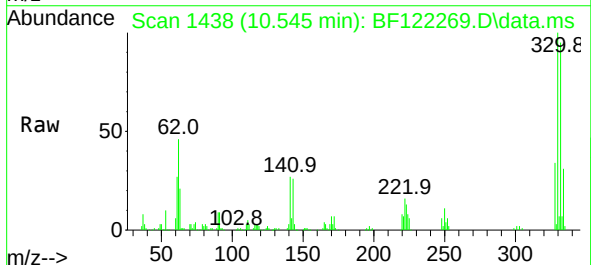
Instrument :
BNA_F
ClientSampleId :
CRT-19



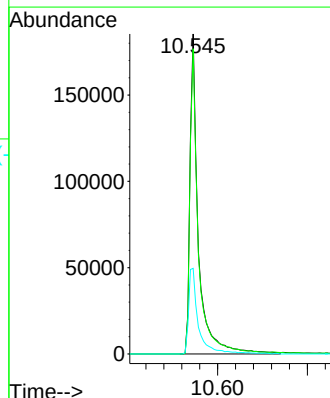
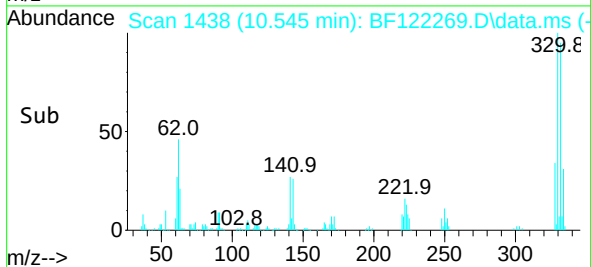
Tgt Ion:164 Resp: 160224
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 46.8 37.5 56.3

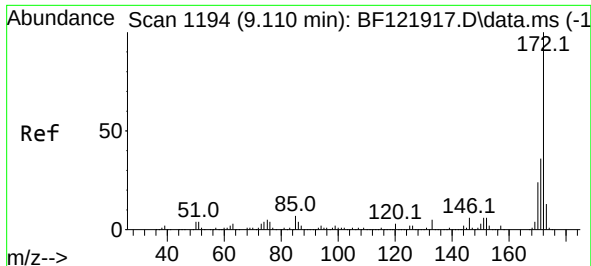


#42
2,4,6-Tribromophenol
Concen: 122.18 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12



Tgt Ion:330 Resp: 242168
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 31.2 22.3 33.5

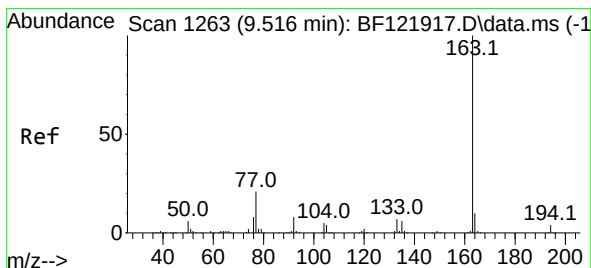
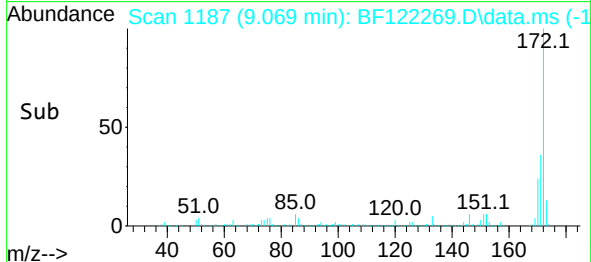
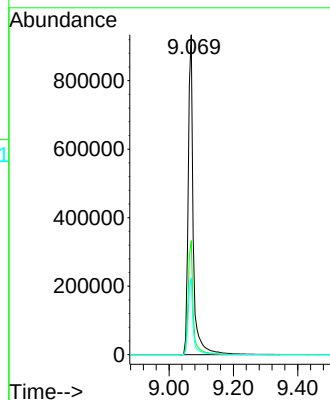
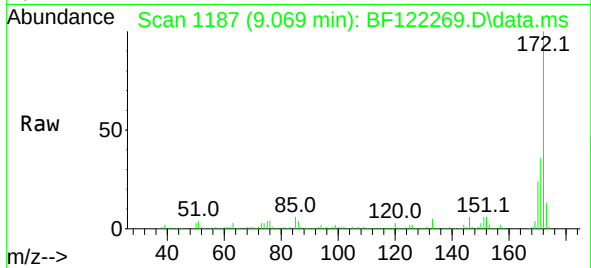




#45
2-Fluorobiphenyl
Concen: 94.68 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

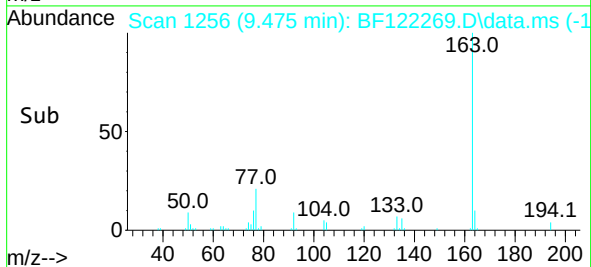
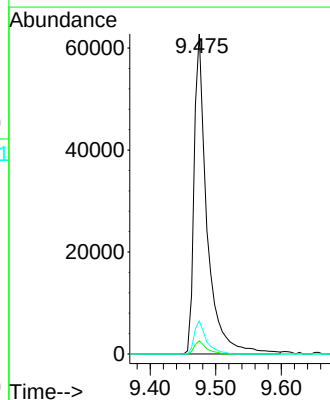
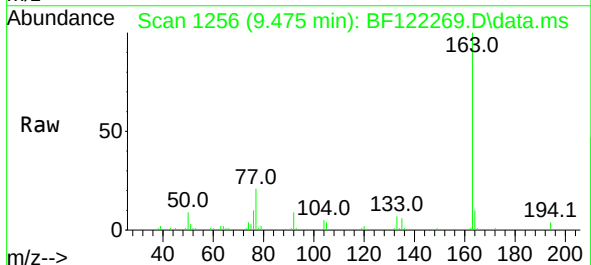
Instrument :
BNA_F
ClientSampleId :
CRT-19

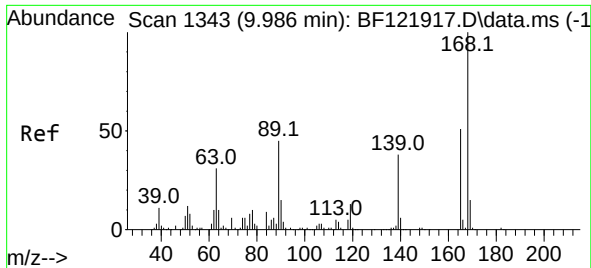
Tgt Ion:172 Resp: 1030993
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.0 19.8 29.6



#50
Dimethylphthalate
Concen: 7.36 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

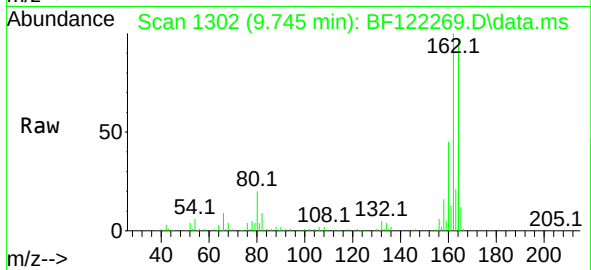
Tgt Ion:163 Resp: 86172
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4



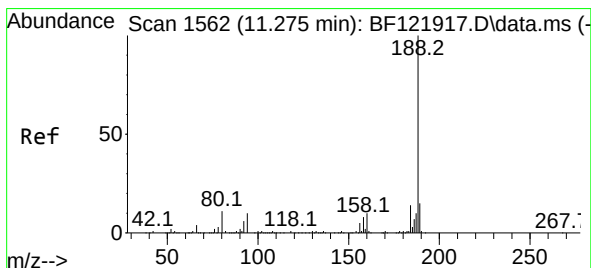
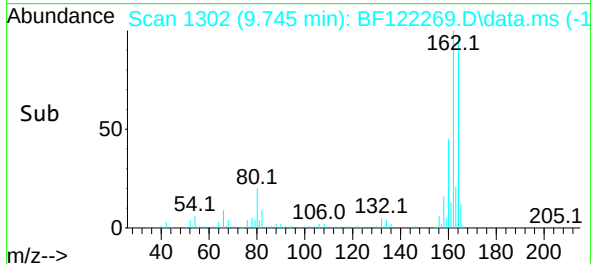
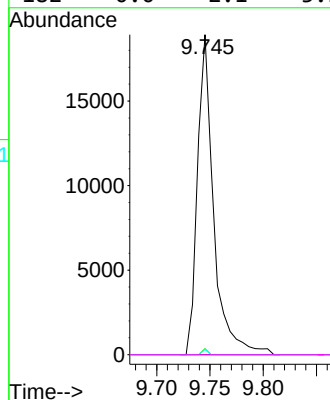


#57
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

Instrument :
BNA_F
ClientSampleId :
CRT-19

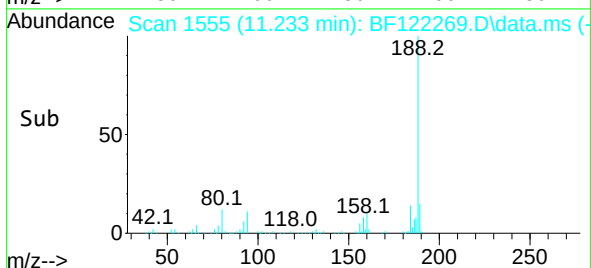
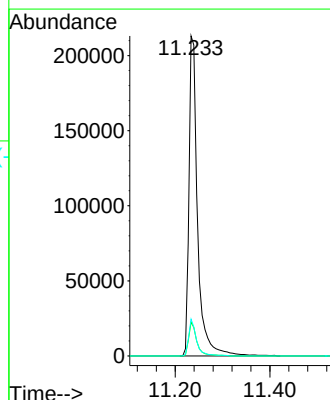
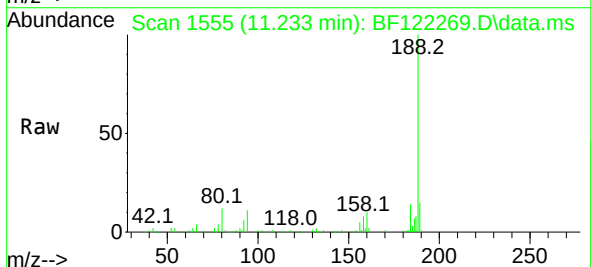


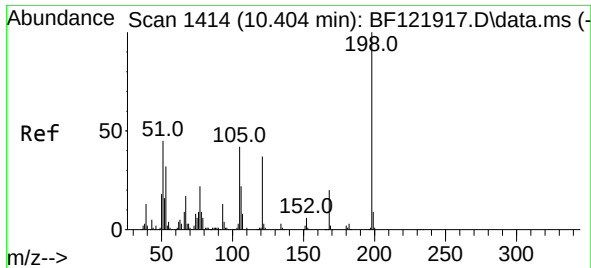
Tgt Ion:165 Resp: 20116
Ion Ratio Lower Upper
165 100
63 1.9 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

Tgt Ion:188 Resp: 268182
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.5 9.1 13.7

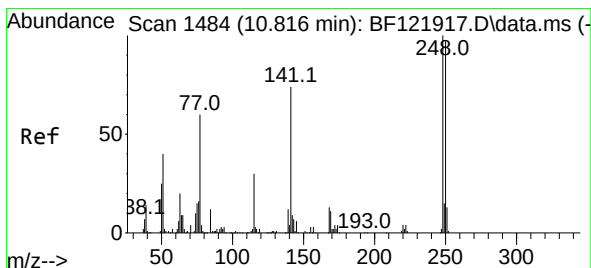
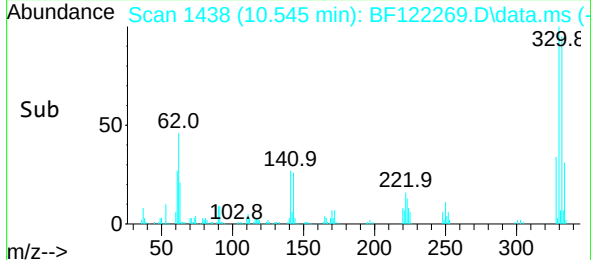
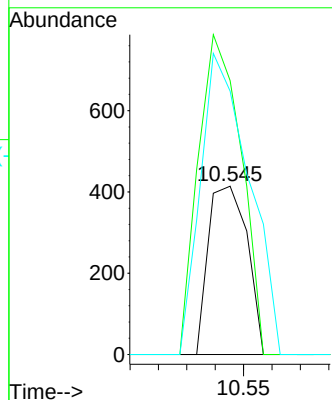
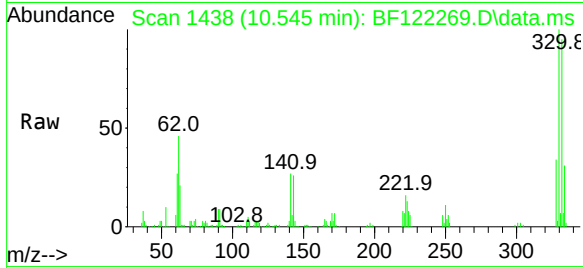




#65
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.171 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

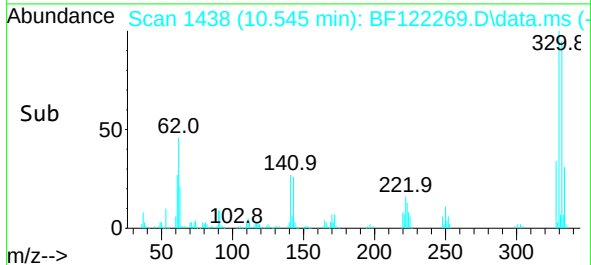
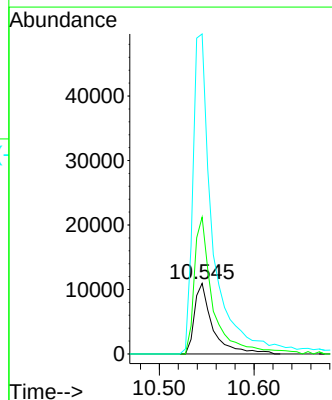
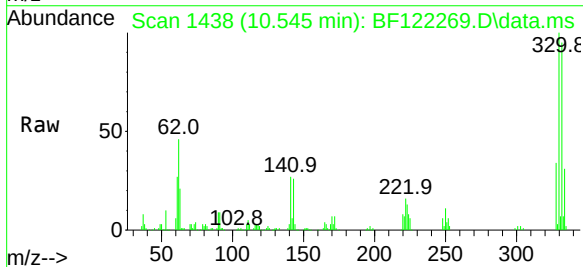
Instrument :
BNA_F
ClientSampled :
CRT-19

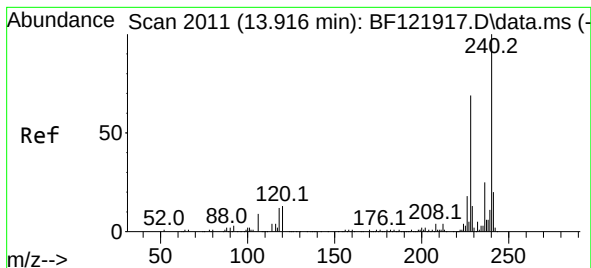
Tgt Ion:198 Resp: 394
Ion Ratio Lower Upper
198 100
51 162.8 29.6 69.6#
105 156.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

Tgt Ion:248 Resp: 14593
Ion Ratio Lower Upper
248 100
250 194.0 77.0 115.6#
141 453.9 53.7 80.5#

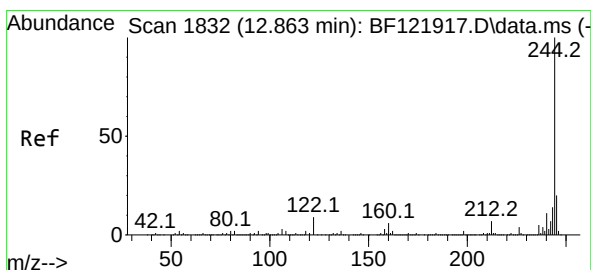
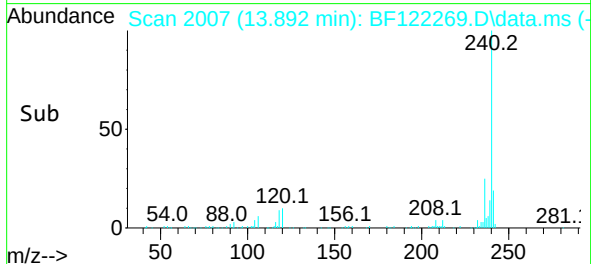
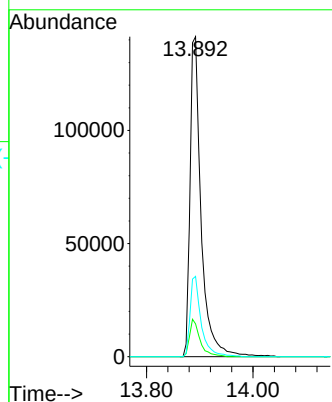
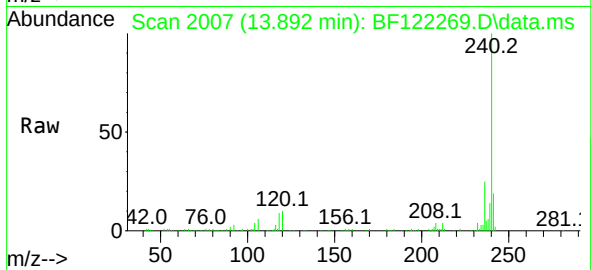




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

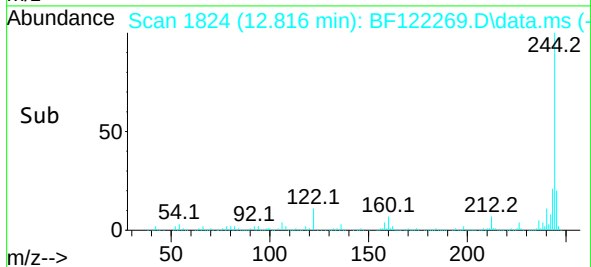
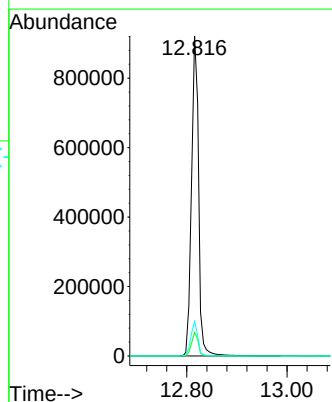
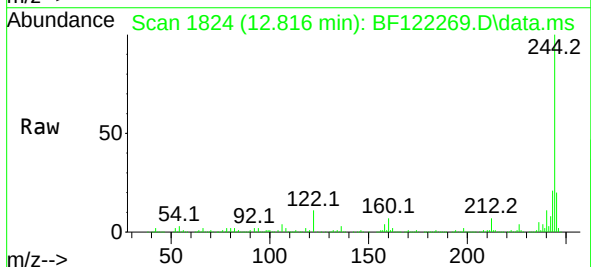
Instrument :
BNA_F
ClientSampleId :
CRT-19

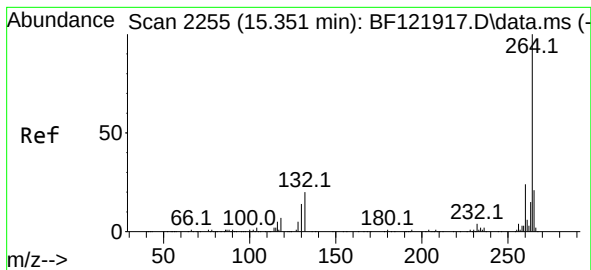
Tgt Ion:240 Resp: 204830
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 84.07 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

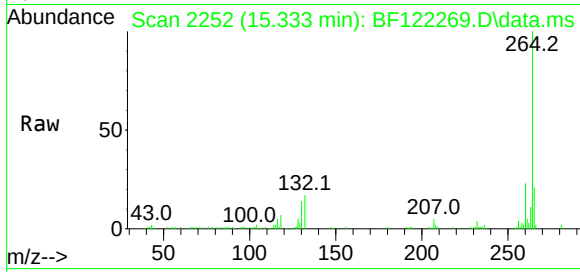
Tgt Ion:244 Resp: 903608
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.8 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.029 min
Lab File: BF122269.D
Acq: 4 Nov 2020 18:12

Instrument :
BNA_F
ClientSampleId :
CRT-19



Tgt Ion:264 Resp: 192530
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.0 17.3 25.9

