

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122264.D
 Acq On : 4 Nov 2020 15:35
 Operator : JU/CG
 Sample : L4600-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-17

Quant Time: Nov 04 16:31:01 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)

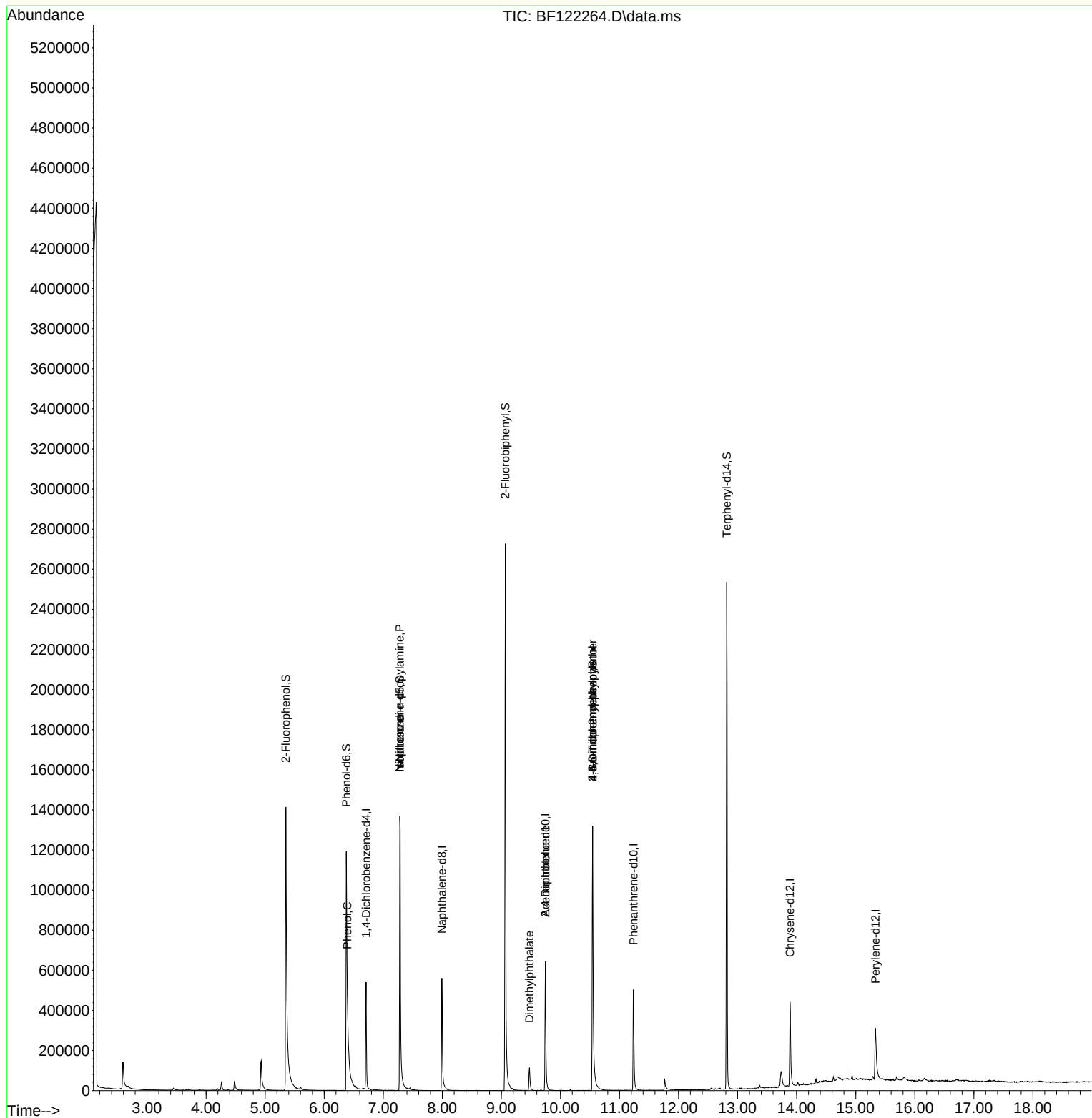
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	79019	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	313266	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	152947	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	246335	20.00	ng	0.00
76) Chrysene-d12	13.886	240	191553	20.00	ng	0.00
86) Perylene-d12	15.333	264	176029	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	627472	117.20	ng	0.02
7) Phenol-d6	6.375	99	704641	102.24	ng	0.00
23) Nitrobenzene-d5	7.281	82	574880	94.11	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	223951	118.37	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	969612	93.28	ng	0.00
79) Terphenyl-d14	12.815	244	827332	82.31	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	874	Below Cal	#	3
10) Phenol	6.392	94	19963	2.81	ng	# 32
19) n-Nitroso-di-n-propyla...	7.281	70	76068	19.39	ng	# 80
25) Isophorone	7.281	82	574880	49.77	ng	# 67
50) Dimethylphthalate	9.475	163	70253	6.28	ng	# 98
57) 2,4-Dinitrotoluene	9.745	165	18995	6.29	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.545	198	267	4.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	13104	4.60	ng	# 1

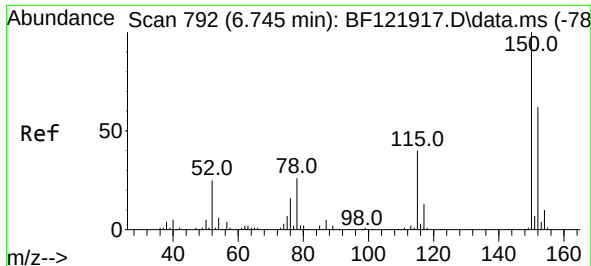
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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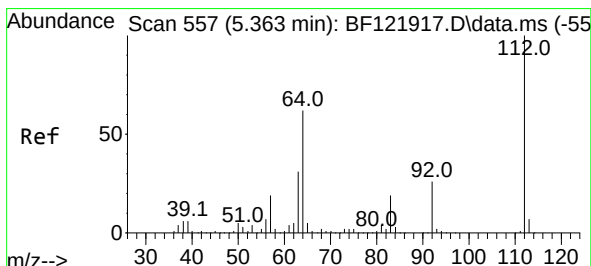
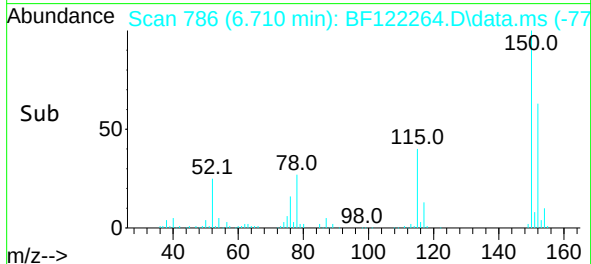
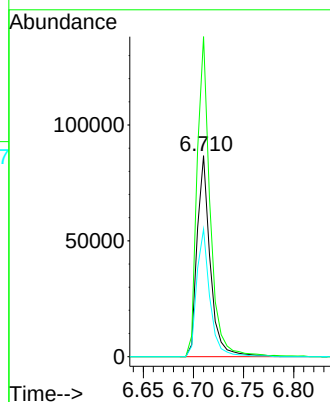
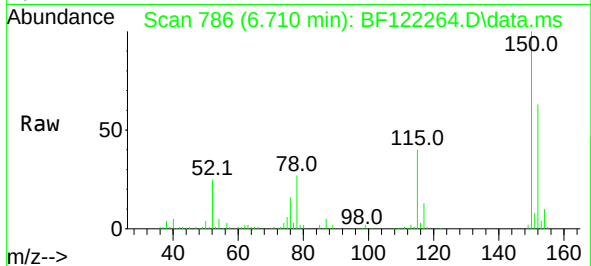




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

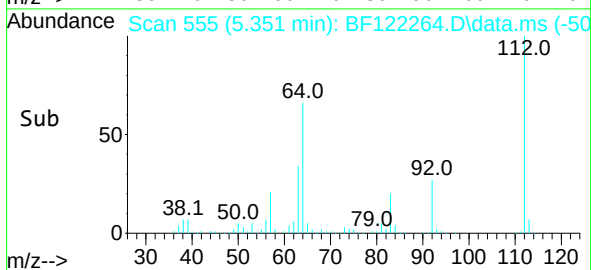
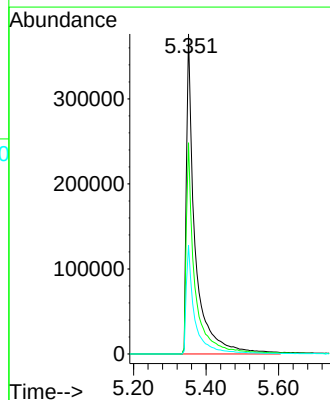
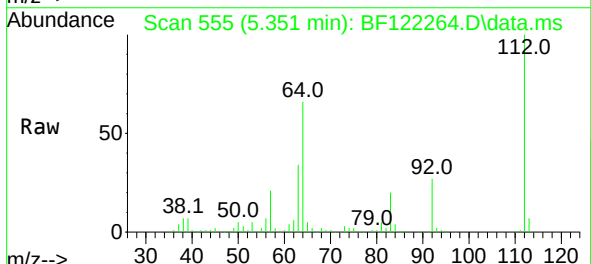
Instrument :
BNA_F
ClientSampleId :
CRT-17

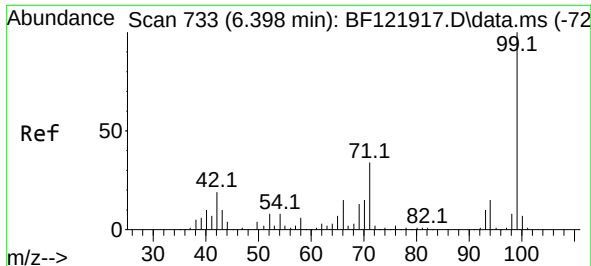
Tgt Ion:152 Resp: 79019
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 63.5 51.9 77.9



#5
2-Fluorophenol
Concen: 117.20 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

Tgt Ion:112 Resp: 627472
Ion Ratio Lower Upper
112 100
64 66.0 50.4 75.6
63 34.0 25.8 38.6

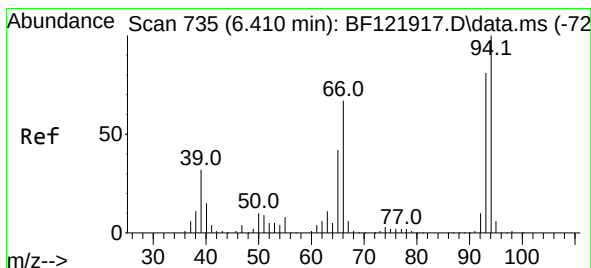
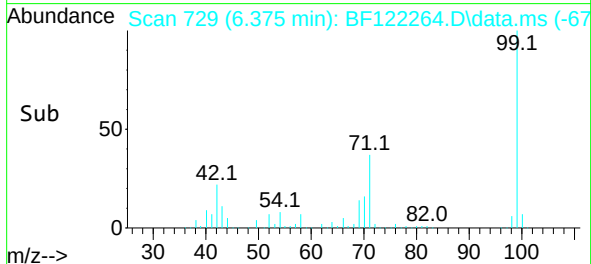
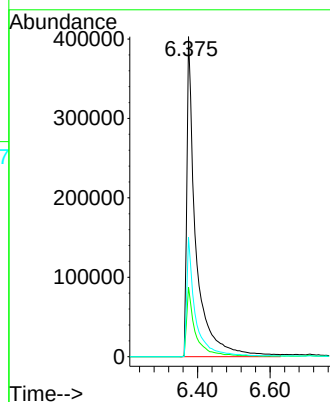
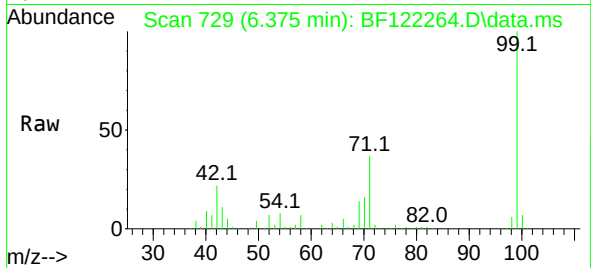




#7
Phenol-d6
Concen: 102.24 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

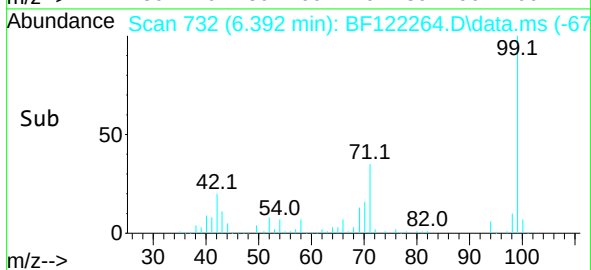
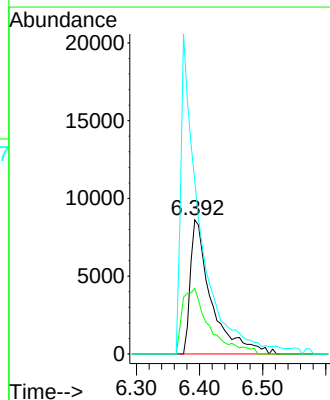
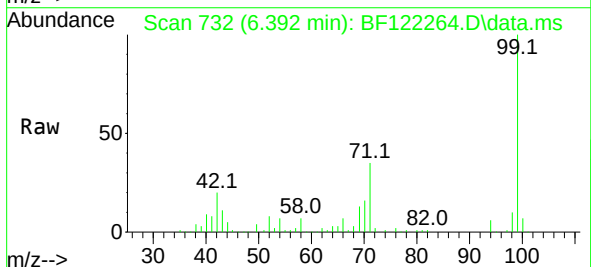
Instrument :
BNA_F
ClientSampleId :
CRT-17

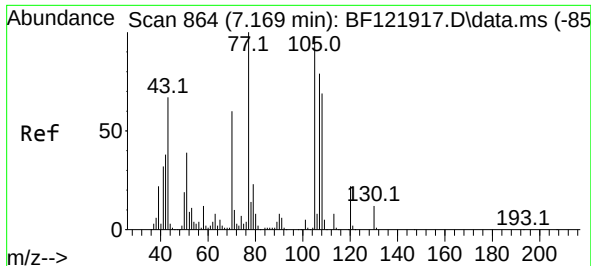
Tgt Ion: 99 Resp: 704641
Ion Ratio Lower Upper
99 100
42 21.7 15.9 23.9
71 37.2 27.1 40.7



#10
Phenol
Concen: 2.81 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.011 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

Tgt Ion: 94 Resp: 19963
Ion Ratio Lower Upper
94 100
65 48.9 17.1 57.1
66 129.3 36.0 76.0#

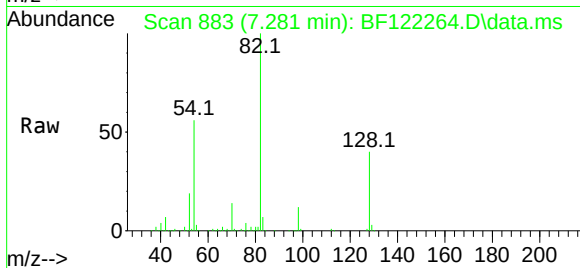




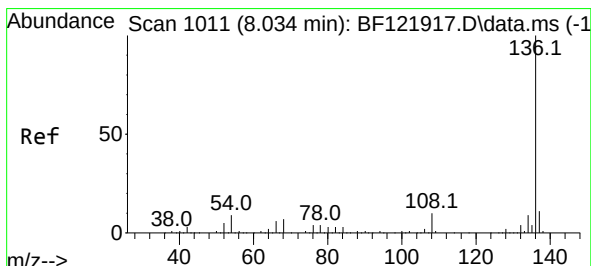
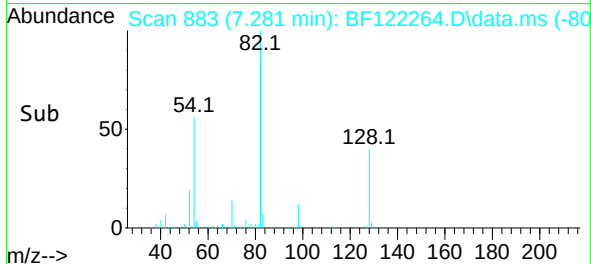
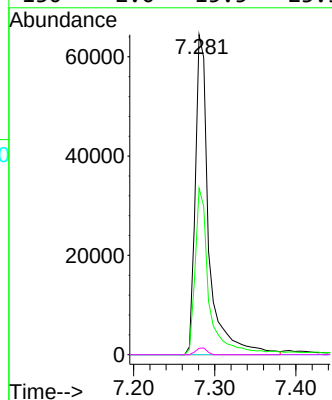
#19

n-Nitroso-di-n-propylamine
 Concen: 19.39 ng
 RT: 7.281 min Scan# 883
 Delta R.T. 0.141 min
 Lab File: BF122264.D
 Acq: 4 Nov 2020 15:35

Instrument :
 BNA_F
 ClientSampled :
 CRT-17



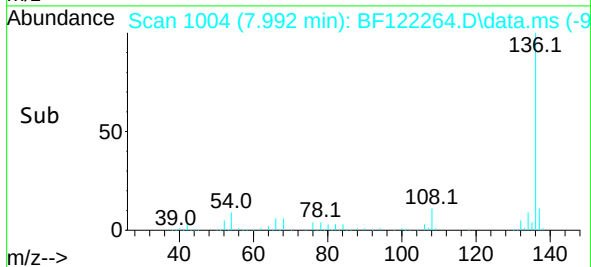
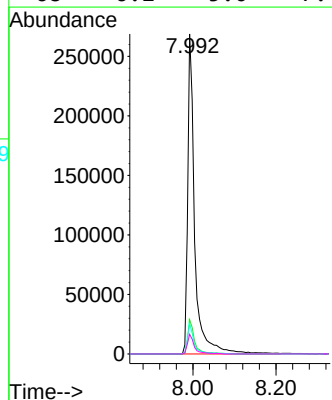
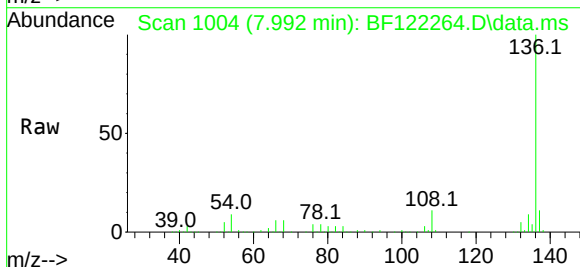
Tgt Ion: 70 Resp: 76068
 Ion Ratio Lower Upper
 70 100
 42 52.0 50.2 75.4
 101 0.0 7.5 11.3#
 130 2.0 15.5 23.3#

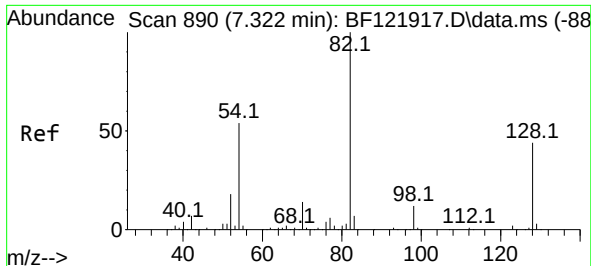


#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.992 min Scan# 1004
 Delta R.T. -0.006 min
 Lab File: BF122264.D
 Acq: 4 Nov 2020 15:35

Tgt Ion: 136 Resp: 313266
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.6 13.0
 54 9.4 7.1 10.7
 68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 94.11 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122264.D

Acq: 4 Nov 2020 15:35

Tgt Ion: 82 Resp: 574880

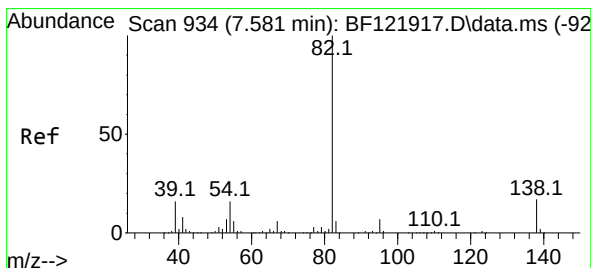
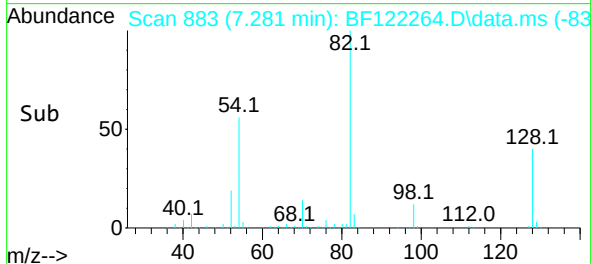
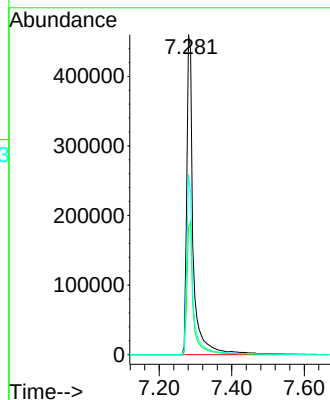
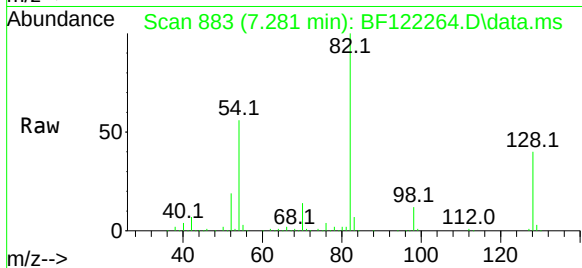
Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.0	52.4
54	56.3	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

CRT-17



#25

Isophorone

Concen: 49.77 ng

RT: 7.281 min Scan# 883

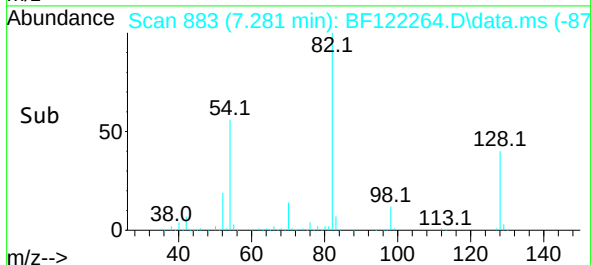
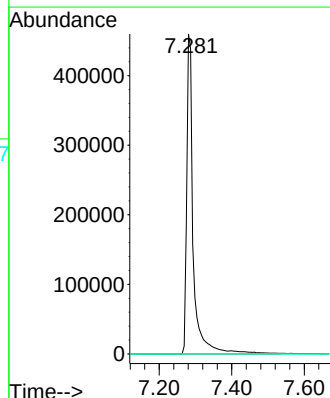
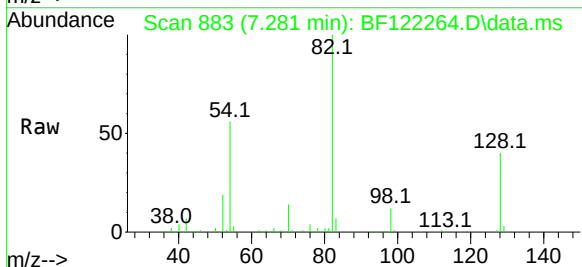
Delta R.T. -0.265 min

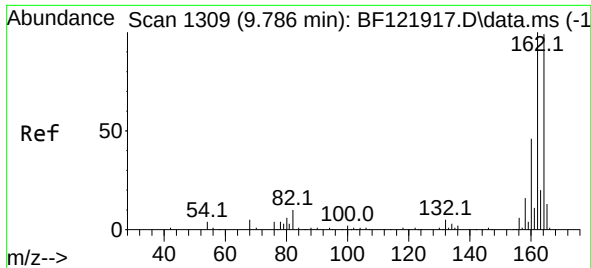
Lab File: BF122264.D

Acq: 4 Nov 2020 15:35

Tgt Ion: 82 Resp: 574880

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

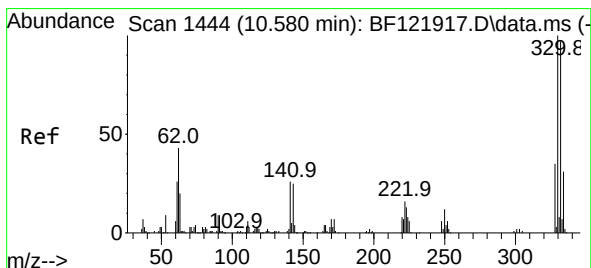
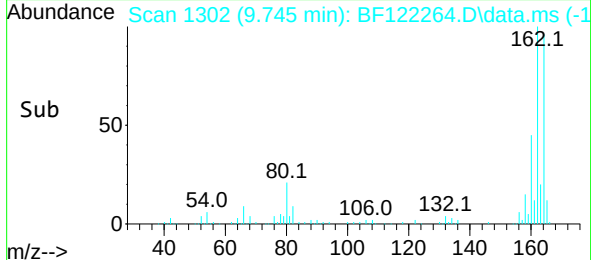
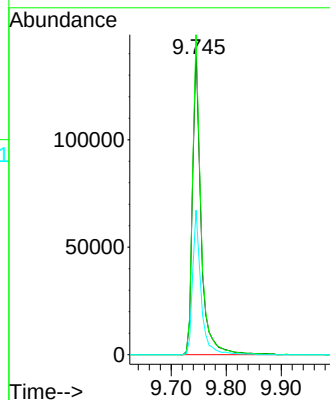
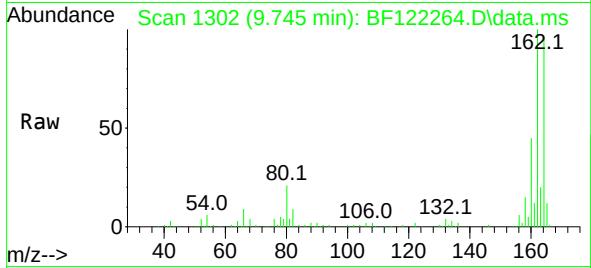




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

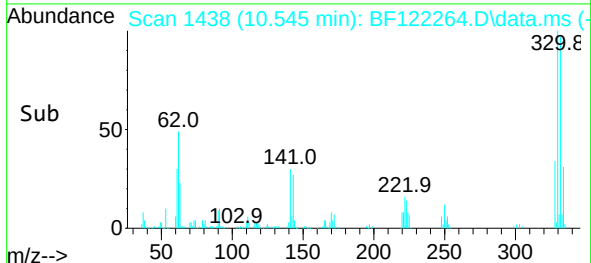
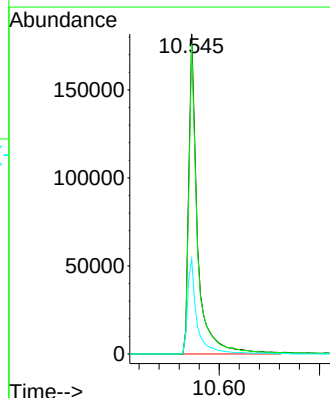
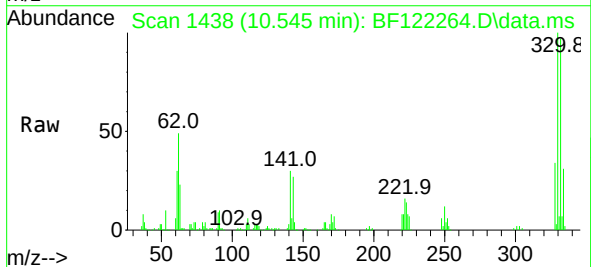
Instrument :
BNA_F
ClientSampleId :
CRT-17

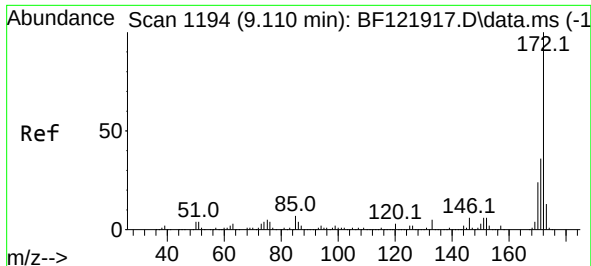
Tgt Ion:164 Resp: 152947
Ion Ratio Lower Upper
164 100
162 104.2 83.2 124.8
160 47.0 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 118.37 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

Tgt Ion:330 Resp: 223951
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 31.4 22.3 33.5

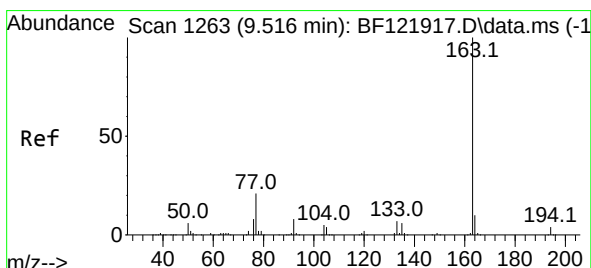
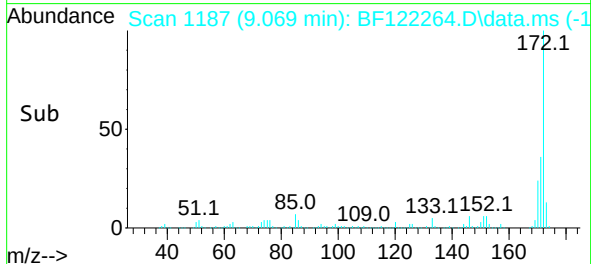
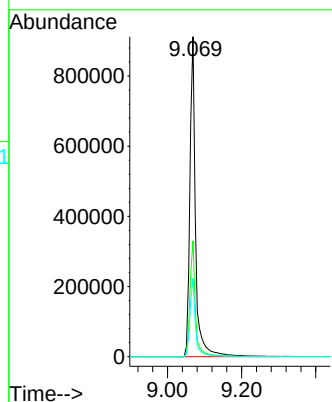
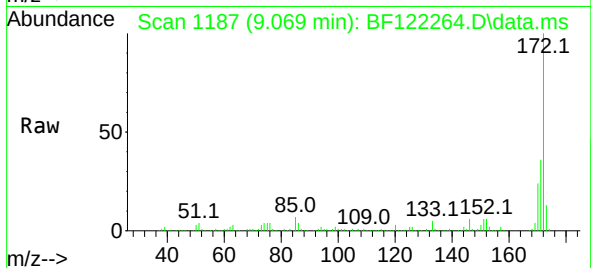




#45
2-Fluorobiphenyl
Concen: 93.28 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

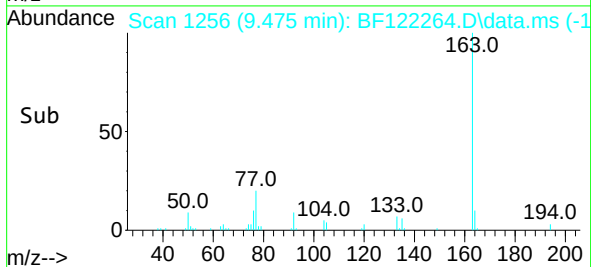
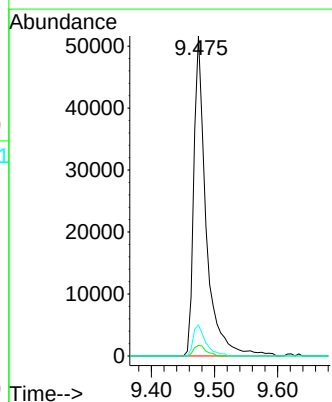
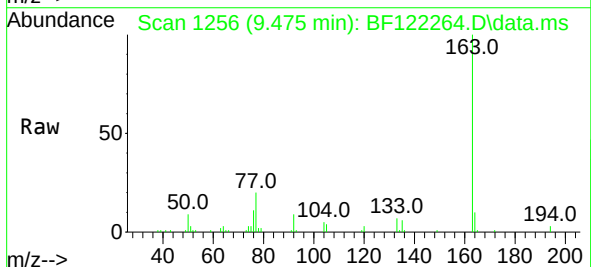
Instrument :
BNA_F
ClientSampleId :
CRT-17

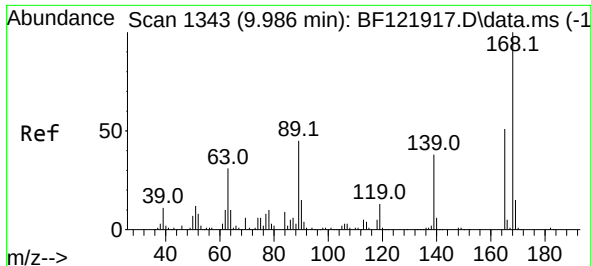
Tgt Ion:172 Resp: 969612
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.4 19.8 29.6



#50
Dimethylphthalate
Concen: 6.28 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

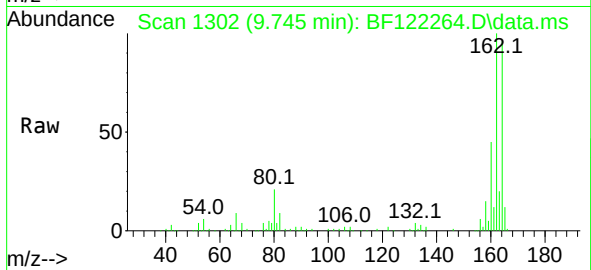
Tgt Ion:163 Resp: 70253
Ion Ratio Lower Upper
163 100
194 3.3 3.3 4.9
164 9.7 8.2 12.4



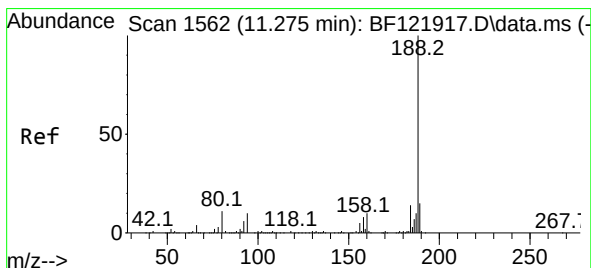
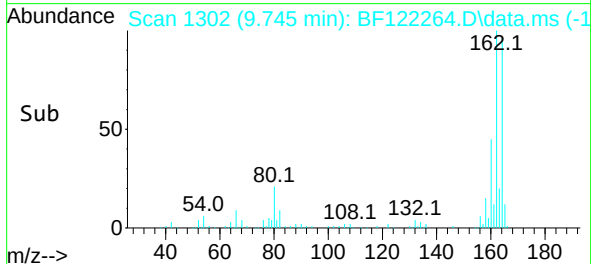
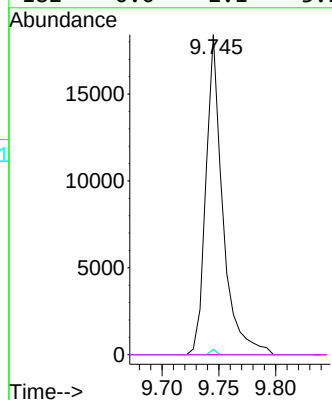


#57
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

Instrument :
BNA_F
ClientSampleId :
CRT-17

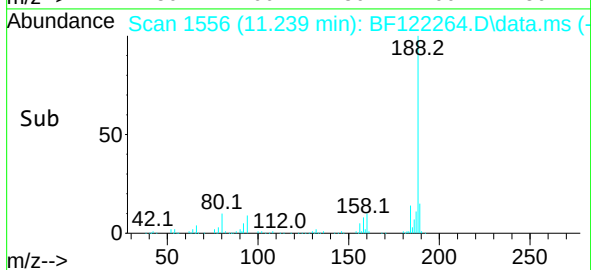
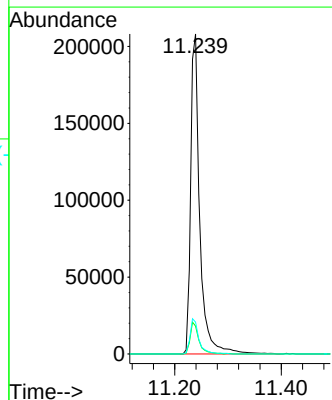
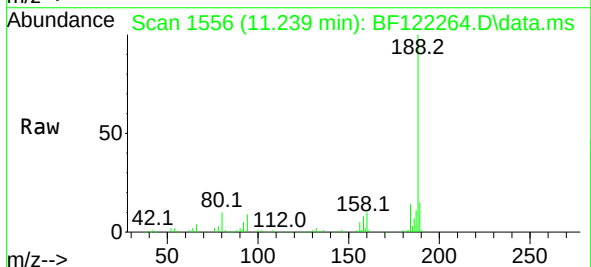


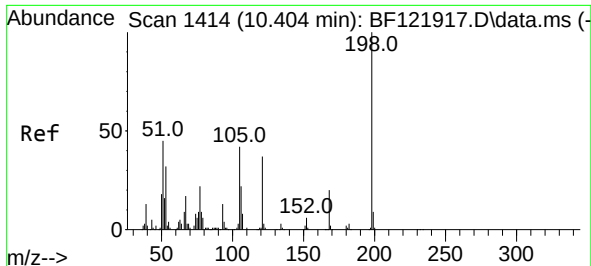
Tgt Ion:165 Resp: 18995
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

Tgt Ion:188 Resp: 246335
Ion Ratio Lower Upper
188 100
94 8.7 8.3 12.5
80 9.9 9.1 13.7

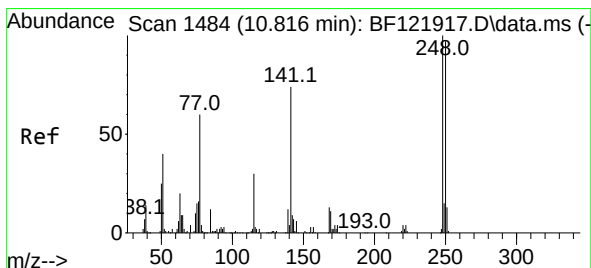
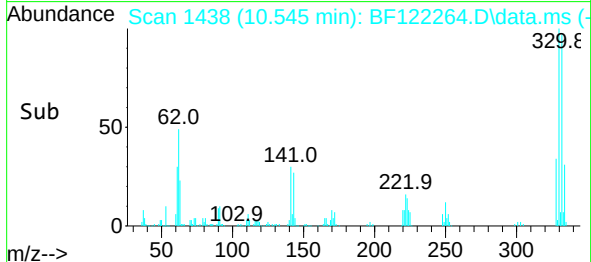
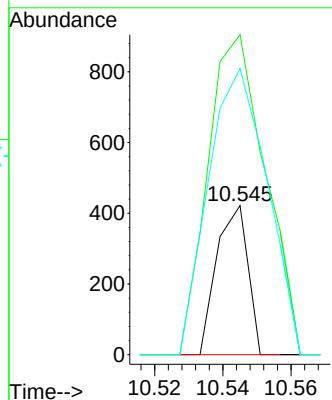
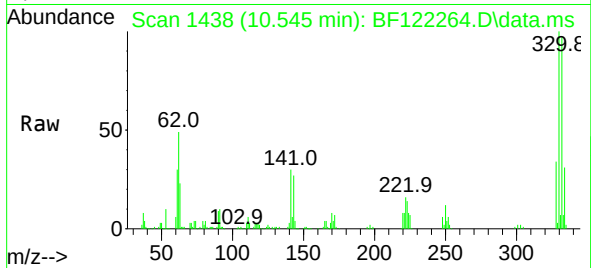




#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.170 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

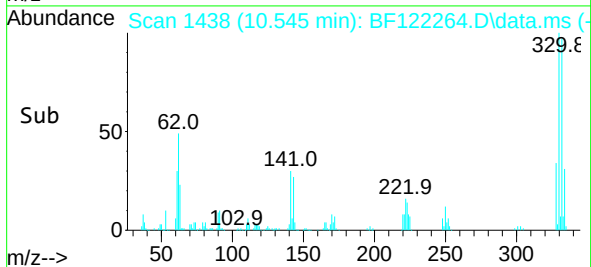
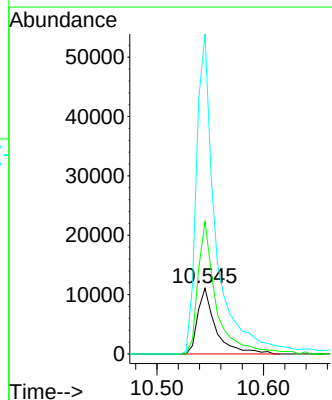
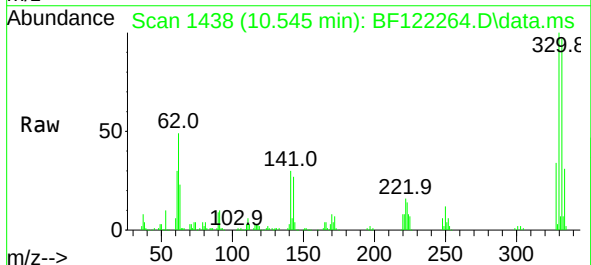
Instrument :
BNA_F
ClientSampled :
CRT-17

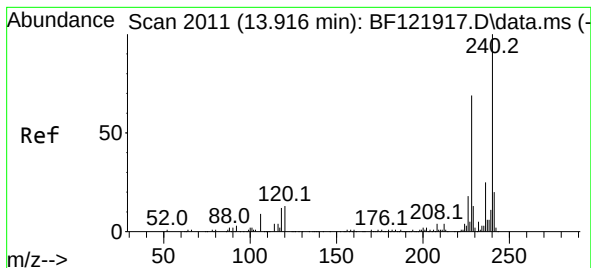
Tgt Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 214.5 29.6 69.6#
105 191.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

Tgt Ion:248 Resp: 13104
Ion Ratio Lower Upper
248 100
250 201.4 77.0 115.6#
141 487.3 53.7 80.5#

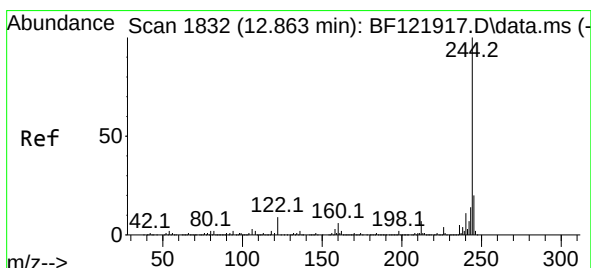
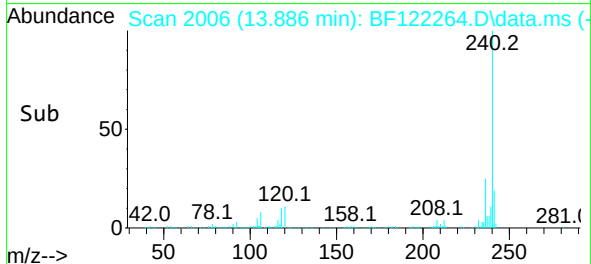
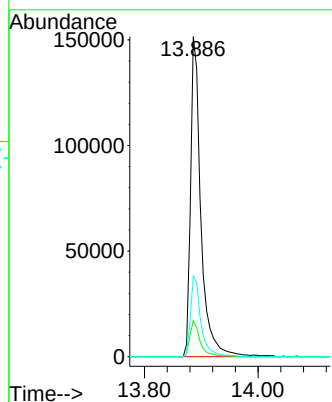
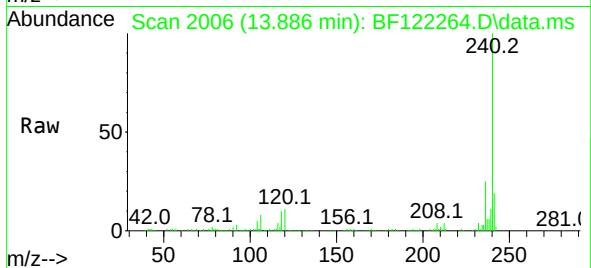




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

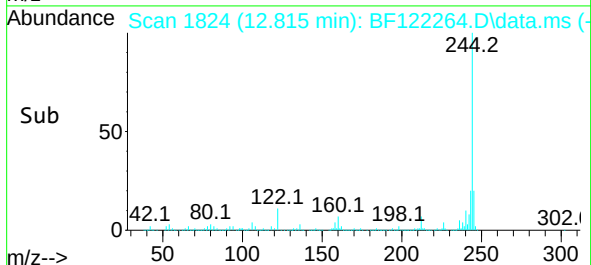
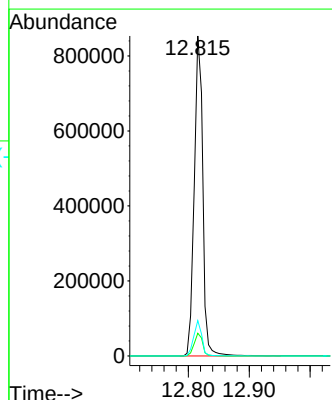
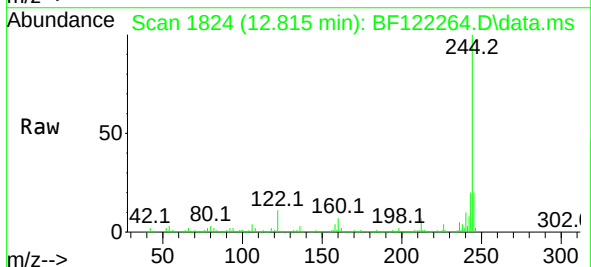
Instrument :
BNA_F
ClientSampled :
CRT-17

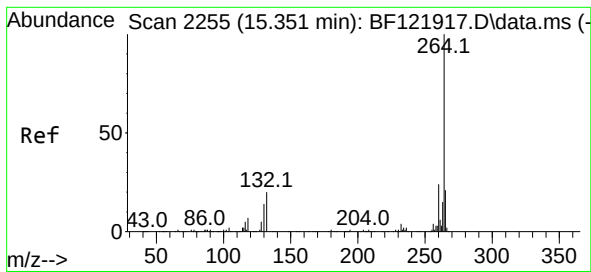
Tgt Ion:240 Resp: 191553
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 82.31 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

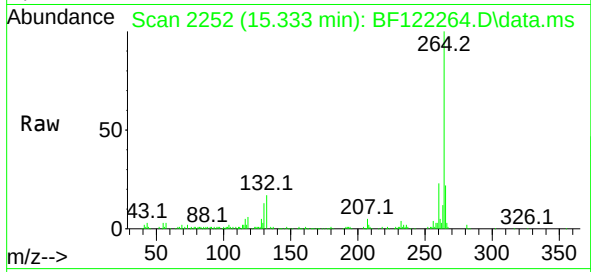
Tgt Ion:244 Resp: 827332
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.0 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.029 min
Lab File: BF122264.D
Acq: 4 Nov 2020 15:35

Instrument :
BNA_F
ClientSampleId :
CRT-17



Tgt Ion: 264 Resp: 176029

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.7	17.3	25.9

