

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122268.D
 Acq On : 4 Nov 2020 17:40
 Operator : JU/CG
 Sample : L4605-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-01

Quant Time: Nov 05 00:22:08 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)

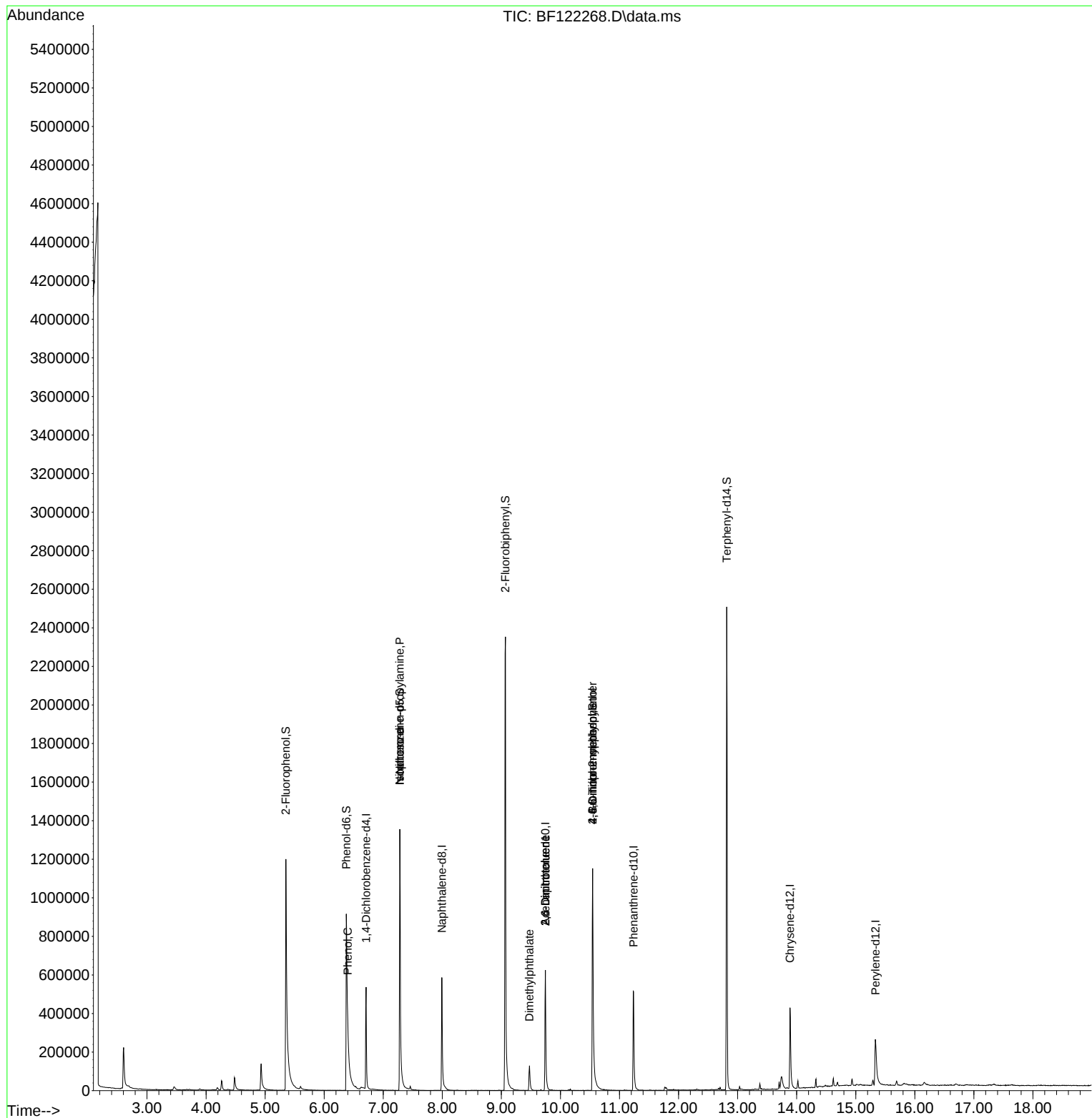
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81388	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	322781	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	159483	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	267989	20.00	ng	0.00
76) Chrysene-d12	13.886	240	199251	20.00	ng	0.00
86) Perylene-d12	15.333	264	184645	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	570749	103.50	ng	0.02
7) Phenol-d6	6.375	99	616108	86.79	ng	0.00
23) Nitrobenzene-d5	7.281	82	546629	86.85	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	215658	109.31	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	931452	85.93	ng	0.00
79) Terphenyl-d14	12.816	244	819700	78.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	627	Below Cal	#	3
10) Phenol	6.398	94	22722	3.10	ng	# 58
19) n-Nitroso-di-n-propyla...	7.281	70	72003	17.82	ng	# 81
25) Isophorone	7.281	82	547664	46.02	ng	# 67
50) Dimethylphthalate	9.475	163	77274	6.63	ng	# 99
51) 2,6-Dinitrotoluene	9.745	165	19651	7.68	ng	# 19
57) 2,4-Dinitrotoluene	9.745	165	19651	6.24	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.545	198	115	4.49	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	12540	4.05	ng	# 1

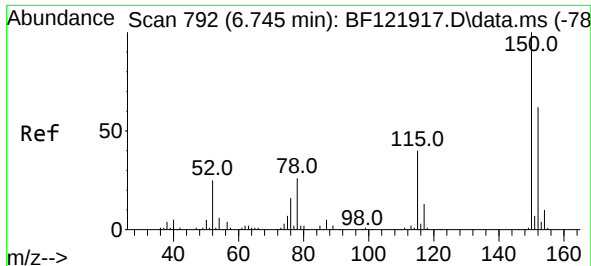
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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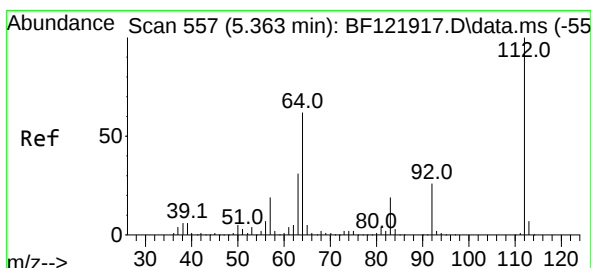
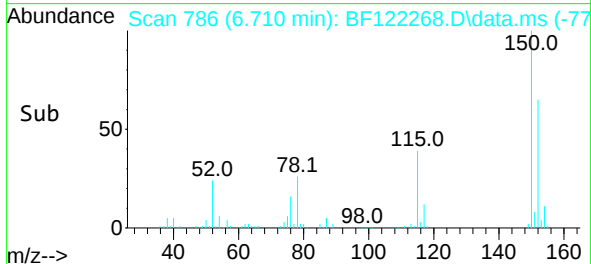
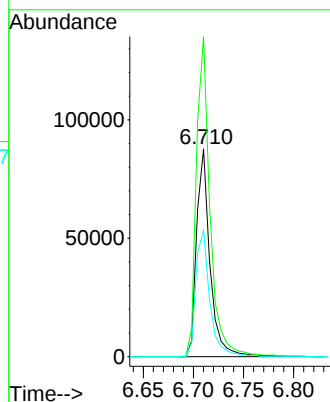
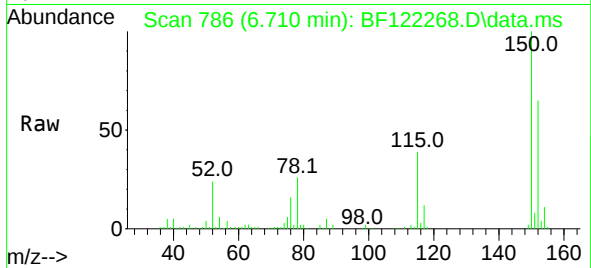




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

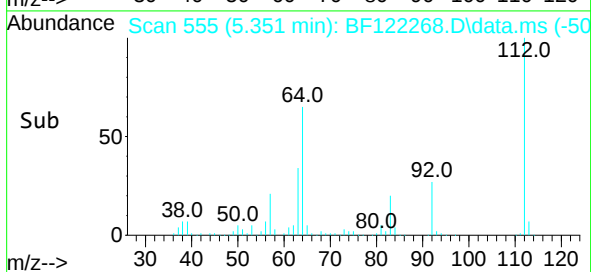
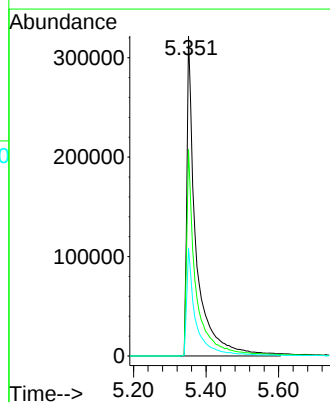
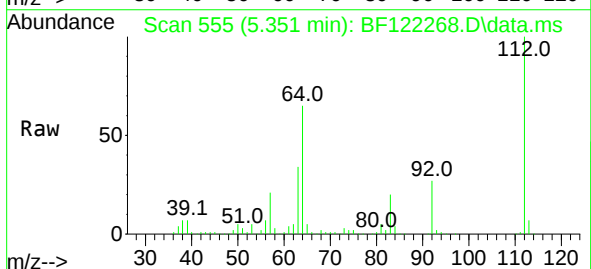
Instrument :
BNA_F
ClientSampleId :
CRT-01

Tgt Ion:152 Resp: 81388
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 60.8 51.9 77.9



#5
2-Fluorophenol
Concen: 103.50 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

Tgt Ion:112 Resp: 570749
Ion Ratio Lower Upper
112 100
64 64.5 50.4 75.6
63 33.6 25.8 38.6

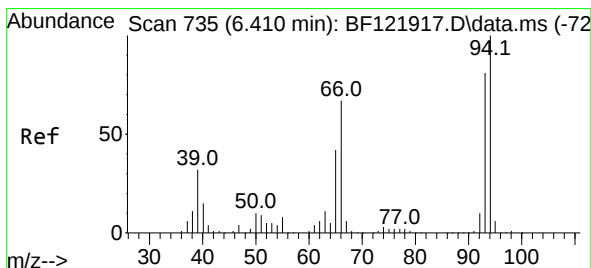
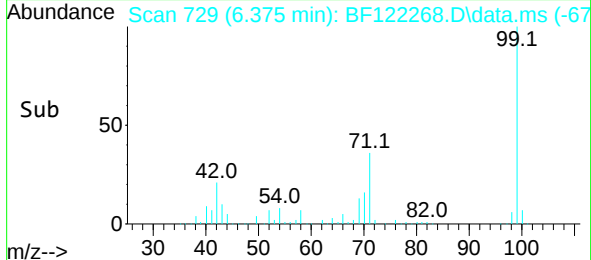
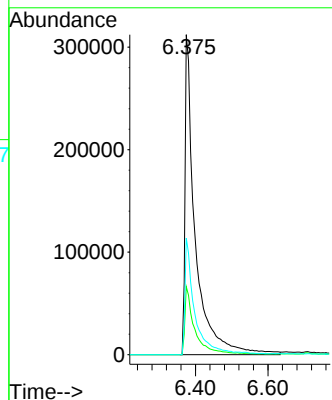
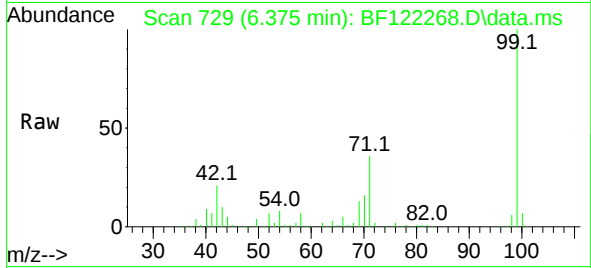




#7
Phenol-d6
Concen: 86.79 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

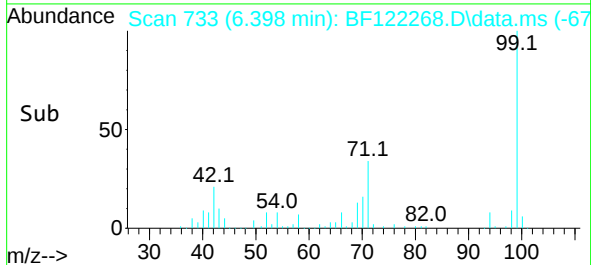
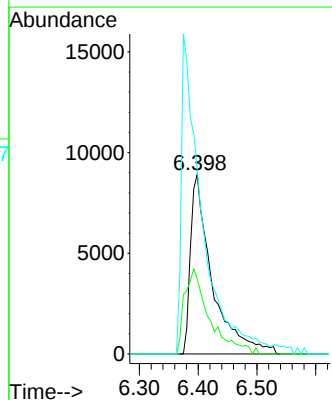
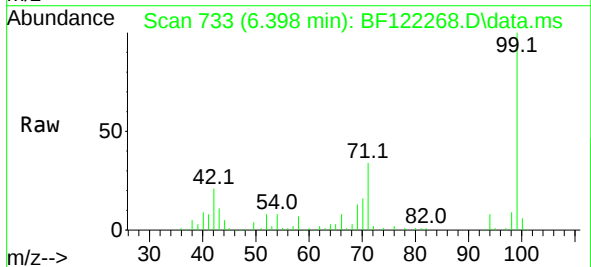
Instrument :
BNA_F
ClientSampled :
CRT-01

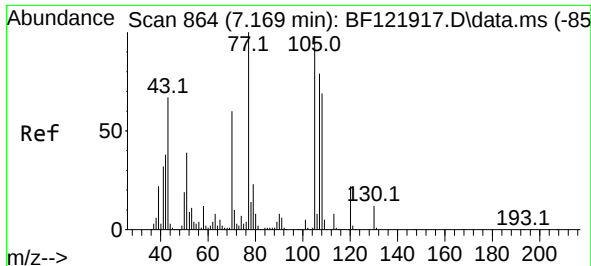
Tgt Ion: 99 Resp: 616108
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 36.5 27.1 40.7



#10
Phenol
Concen: 3.10 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.017 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

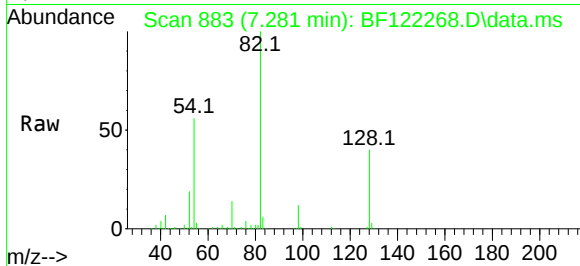
Tgt Ion: 94 Resp: 22722
Ion Ratio Lower Upper
94 100
65 42.1 17.1 57.1
66 103.1 36.0 76.0#



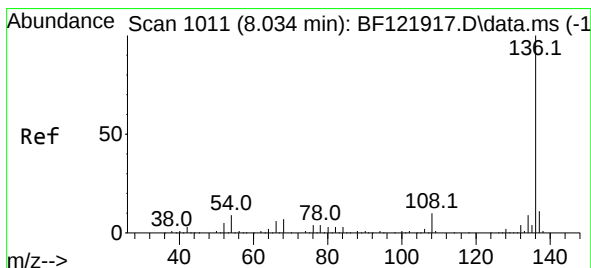
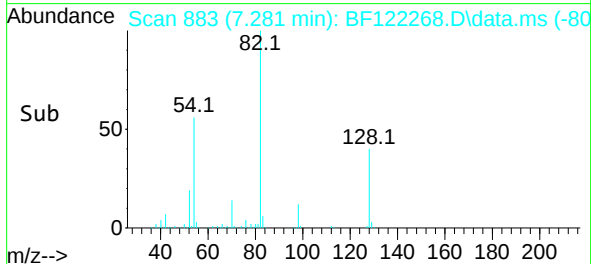
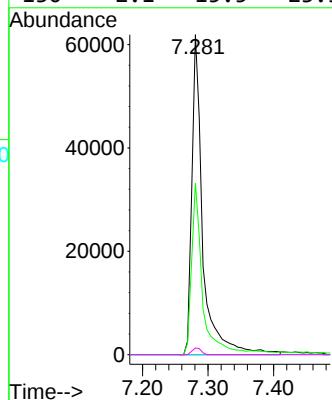


#19
n-Nitroso-di-n-propylamine
Concen: 17.82 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

Instrument :
BNA_F
ClientSampleId :
CRT-01

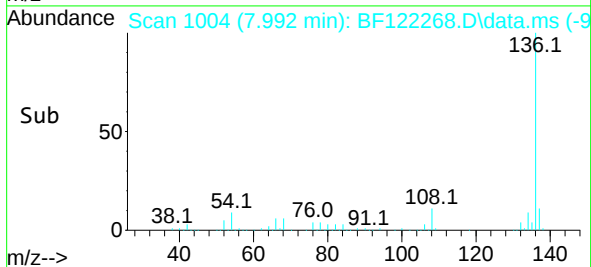
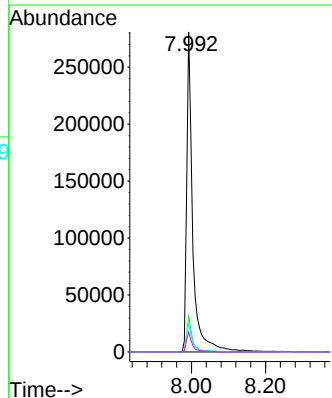
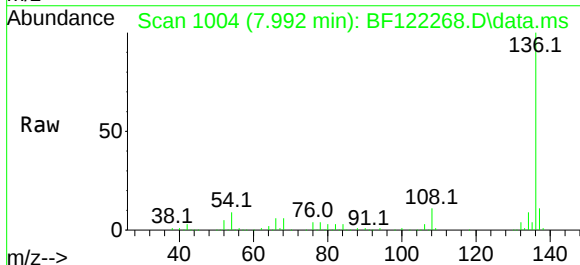


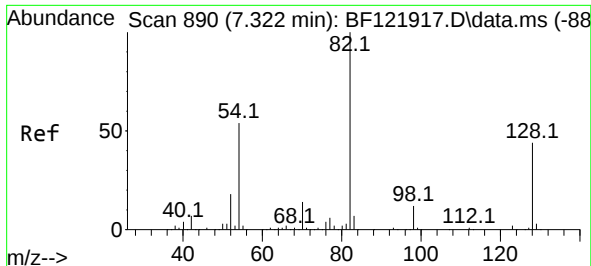
Tgt Ion: 70 Resp: 72003
Ion Ratio Lower Upper
70 100
42 53.6 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

Tgt Ion: 136 Resp: 322781
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.1 10.7
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.85 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122268.D

Acq: 4 Nov 2020 17:40

Tgt Ion: 82 Resp: 546629

Ion Ratio Lower Upper

82 100

128 40.0 35.0 52.4

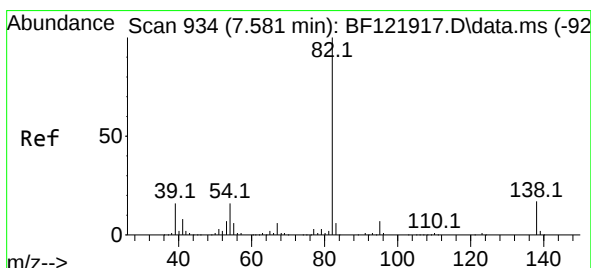
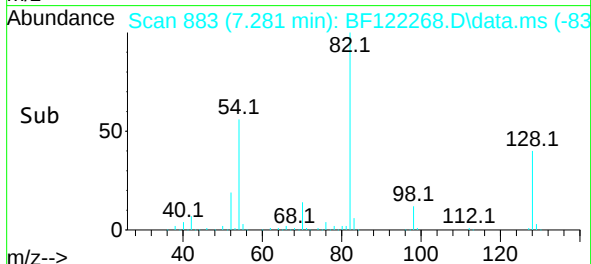
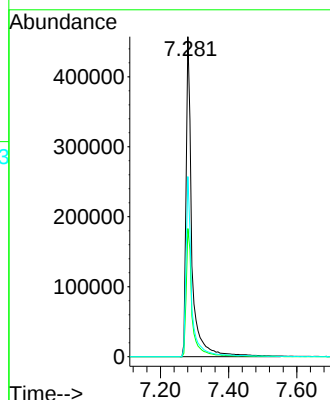
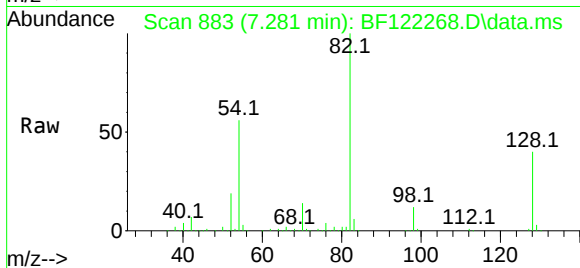
54 56.3 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

CRT-01



#25

Isophorone

Concen: 46.02 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.265 min

Lab File: BF122268.D

Acq: 4 Nov 2020 17:40

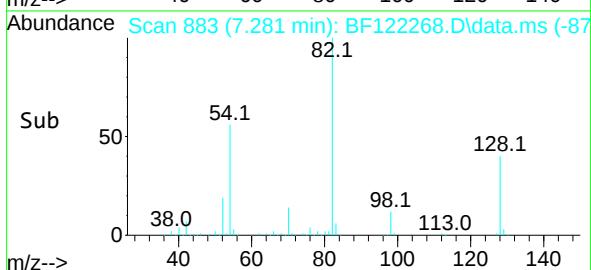
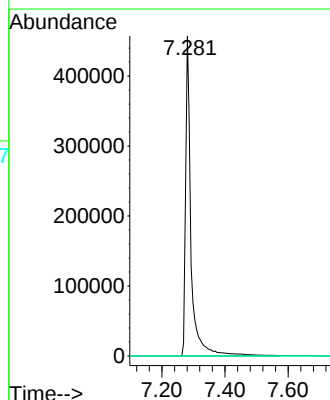
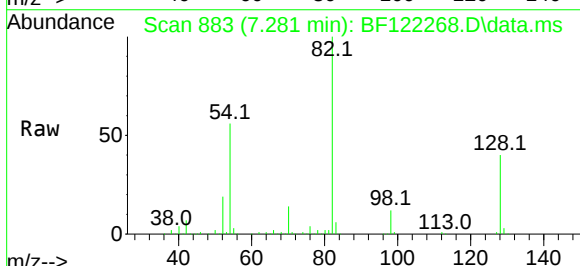
Tgt Ion: 82 Resp: 547664

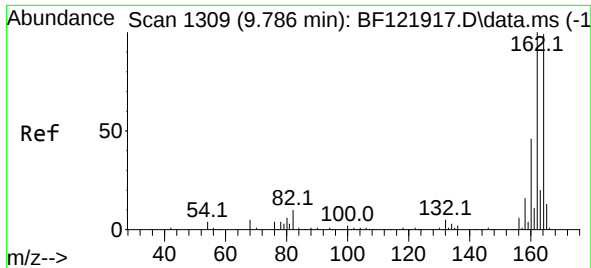
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.0#

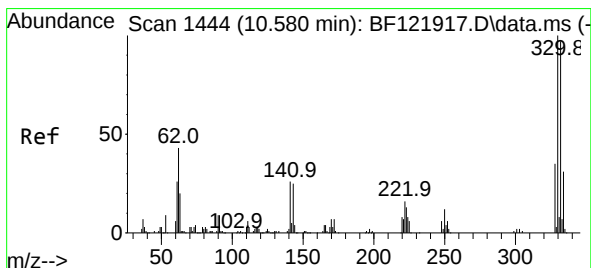
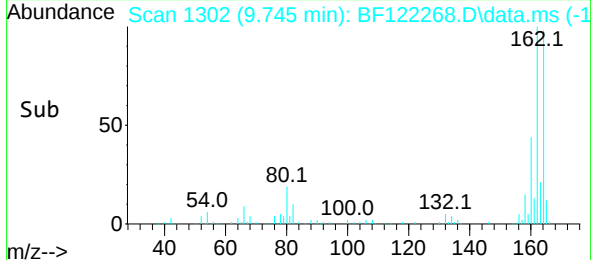
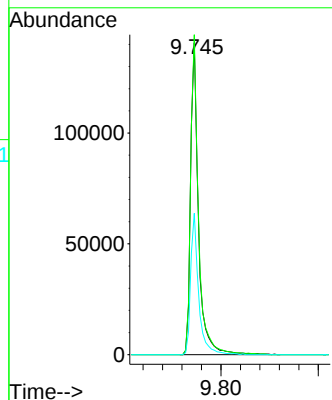
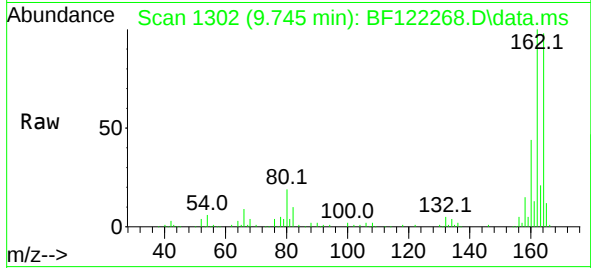




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

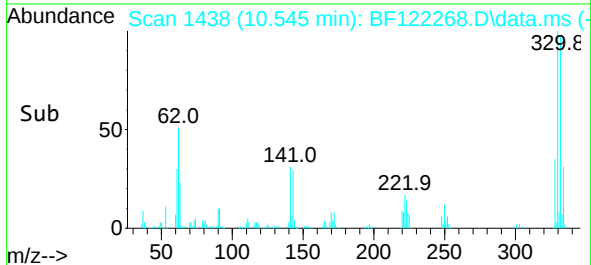
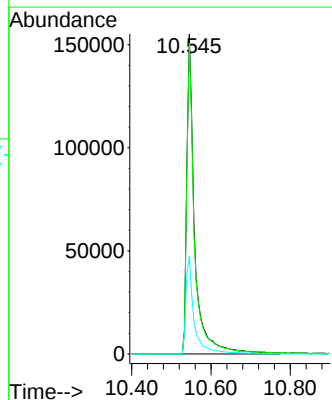
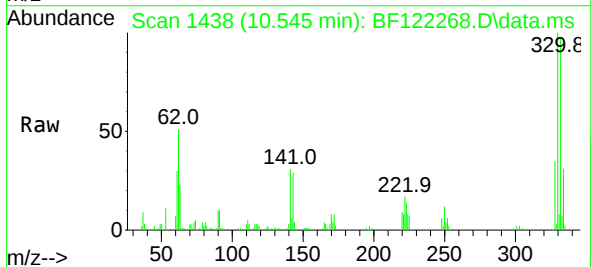
Instrument :
BNA_F
ClientSampleId :
CRT-01

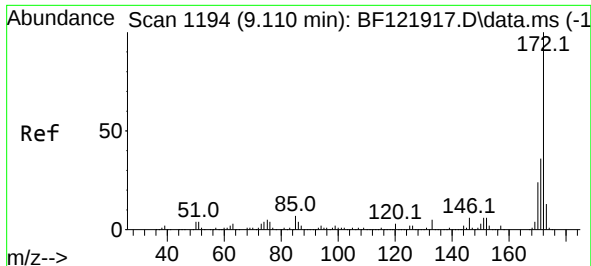
Tgt Ion:164 Resp: 159483
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 109.31 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

Tgt Ion:330 Resp: 215658
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 31.7 22.3 33.5

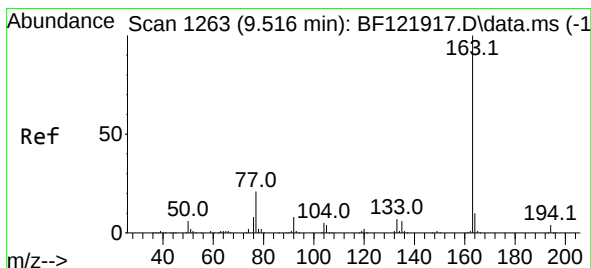
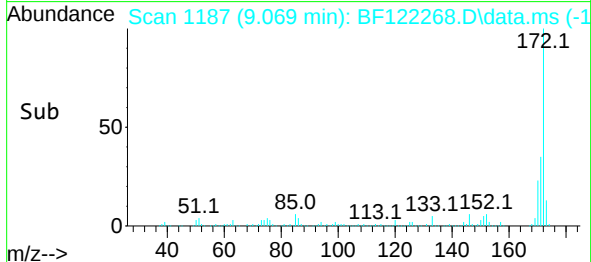
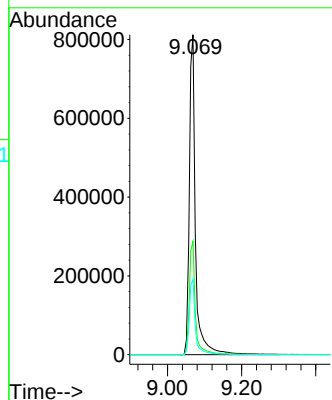
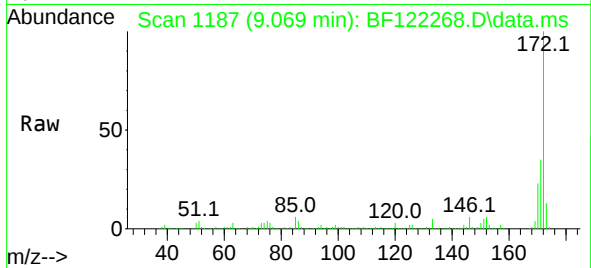




#45
2-Fluorobiphenyl
Concen: 85.93 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

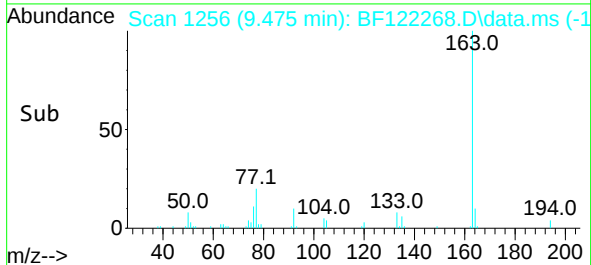
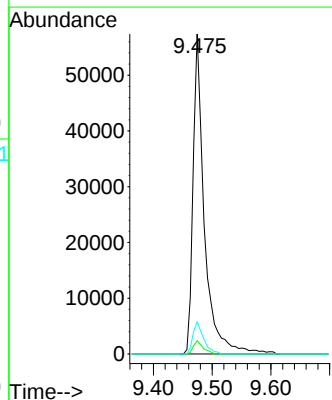
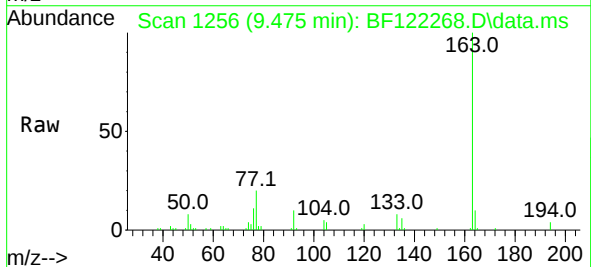
Instrument :
BNA_F
ClientSampleId :
CRT-01

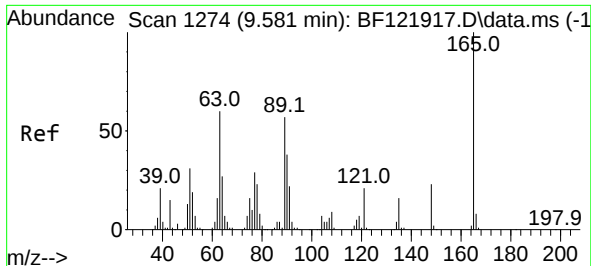
Tgt Ion:172 Resp: 931452
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 6.63 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

Tgt Ion:163 Resp: 77274
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.4

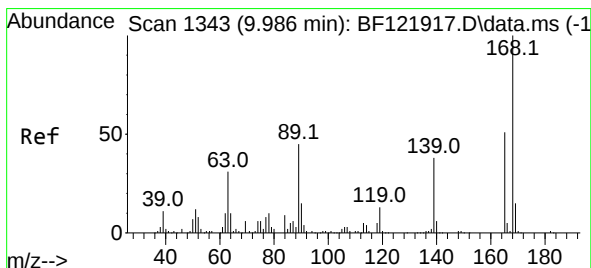
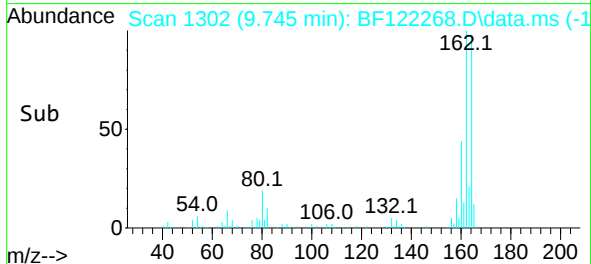
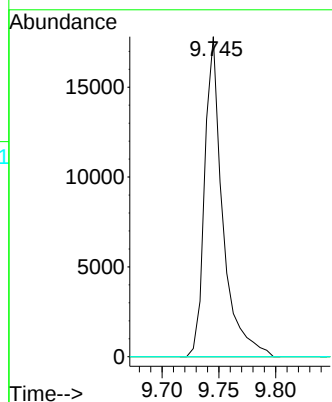
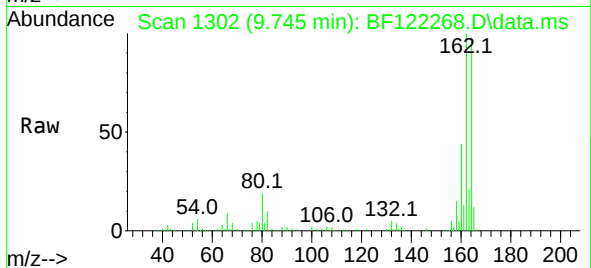




#51
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

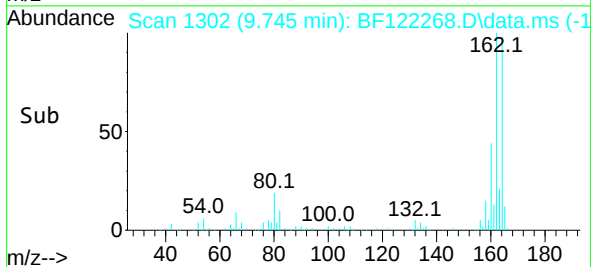
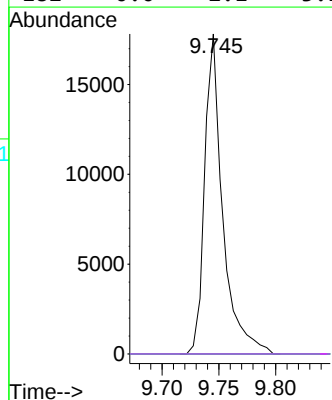
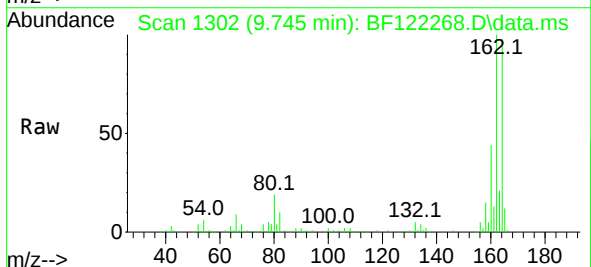
Instrument :
BNA_F
ClientSampled :
CRT-01

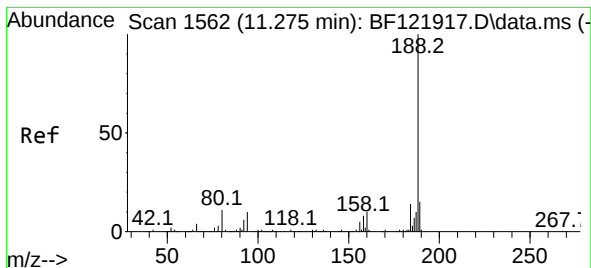
Tgt Ion:165 Resp: 19651
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 0.0 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

Tgt Ion:165 Resp: 19651
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#

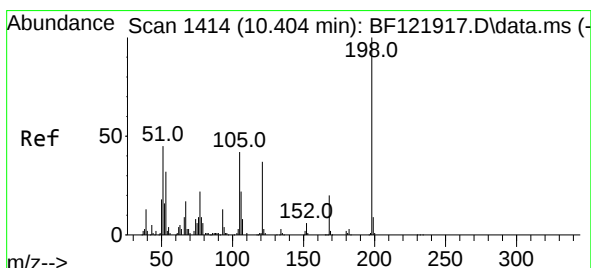
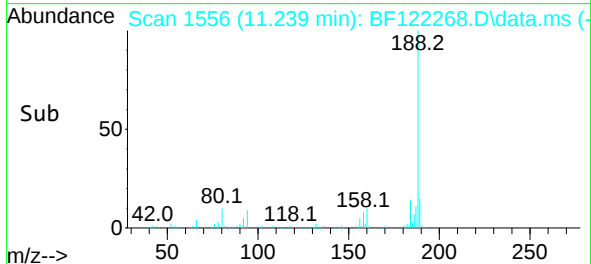
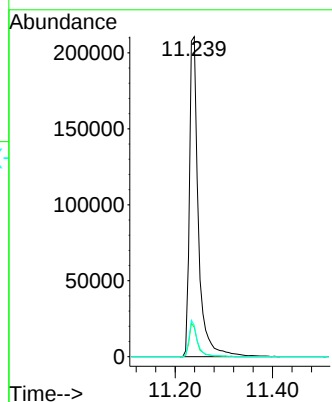
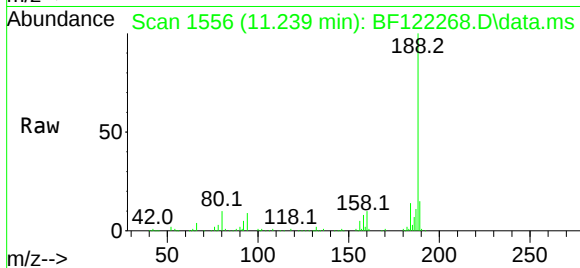




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

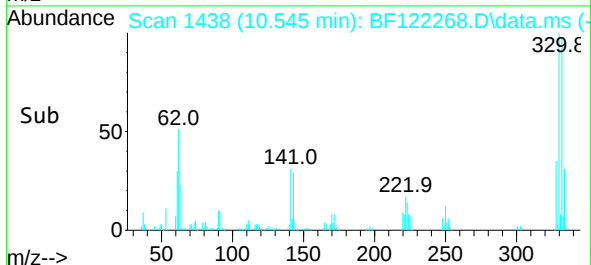
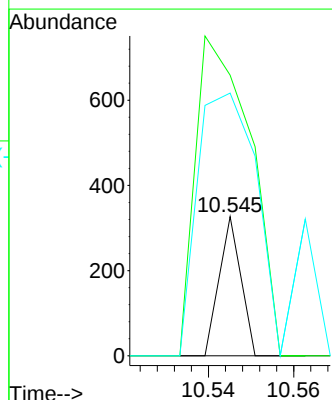
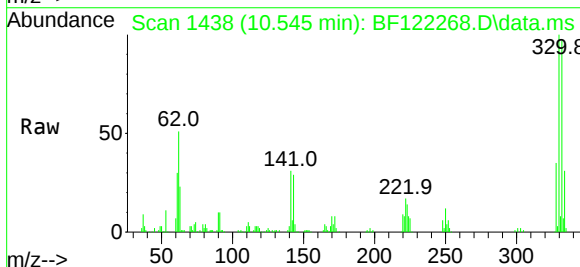
Instrument :
BNA_F
ClientSampleId :
CRT-01

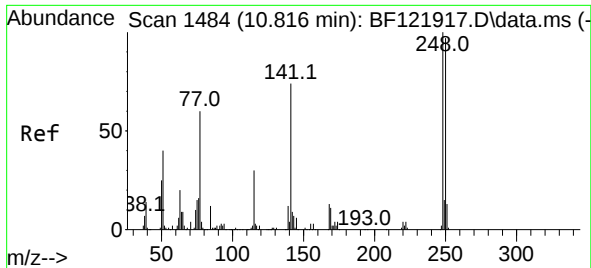
Tgt Ion:188 Resp: 267989
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.49 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.170 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

Tgt Ion:198 Resp: 115
Ion Ratio Lower Upper
198 100
51 201.5 29.6 69.6#
105 188.7 24.4 64.4#

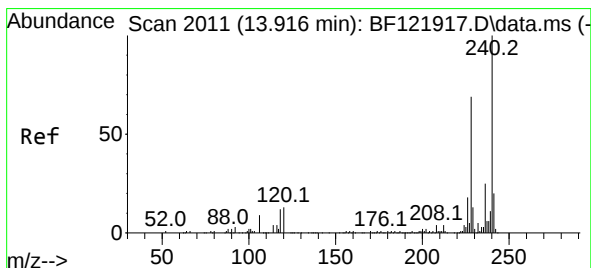
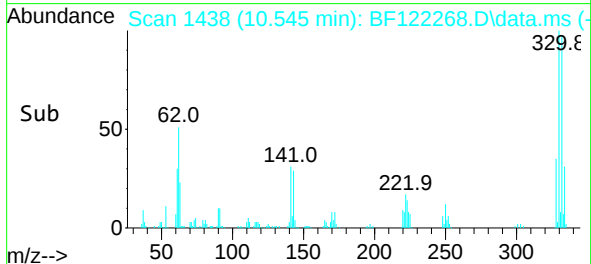
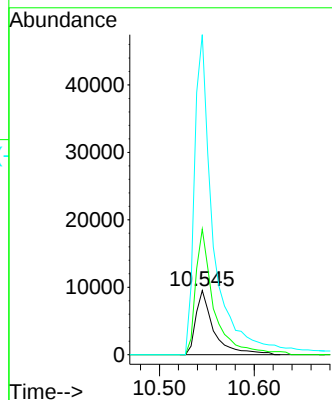
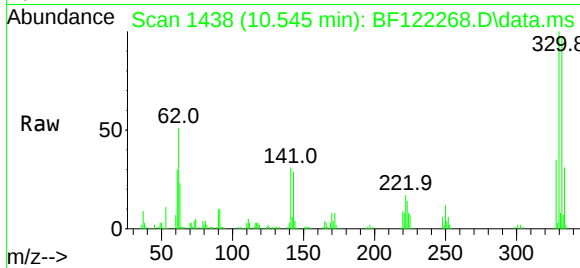




#67
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

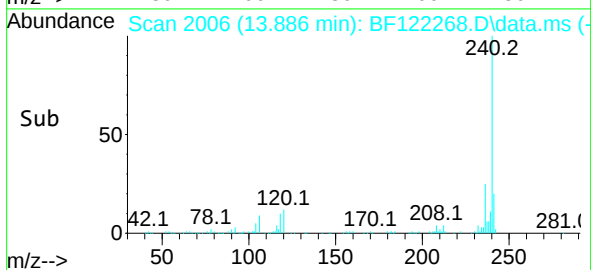
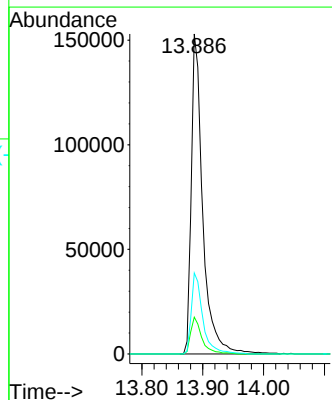
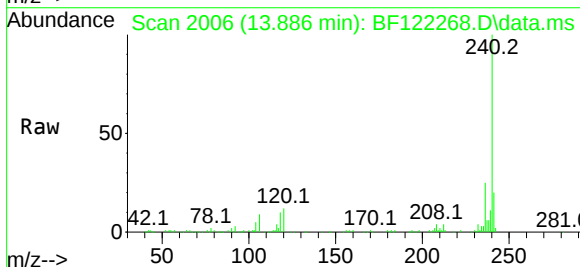
Instrument :
BNA_F
ClientSampled :
CRT-01

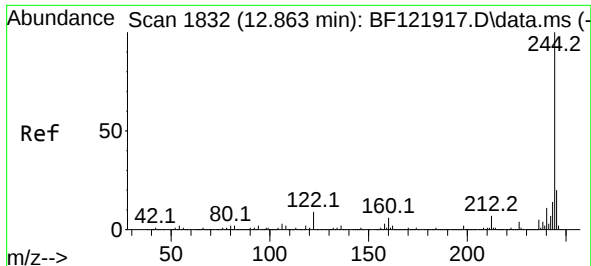
Tgt Ion:248 Resp: 12540
Ion Ratio Lower Upper
248 100
250 195.5 77.0 115.6#
141 498.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122268.D
Acq: 4 Nov 2020 17:40

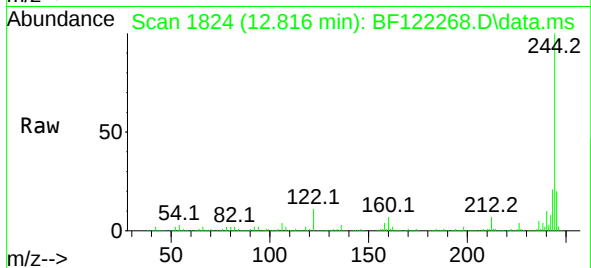
Tgt Ion:240 Resp: 199251
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.3 20.9 31.3



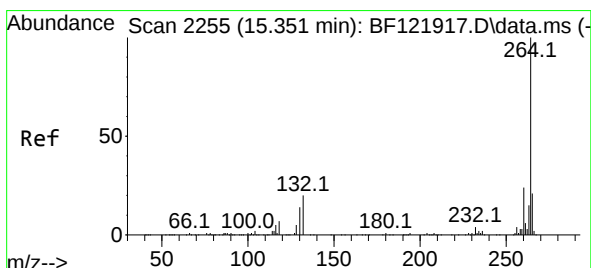
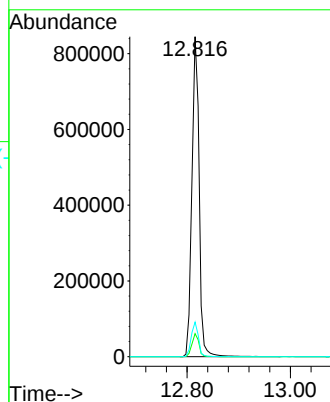
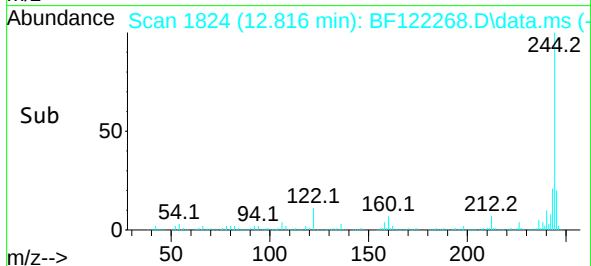


#79
 Terphenyl-d14
 Concen: 78.40 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122268.D
 Acq: 4 Nov 2020 17:40

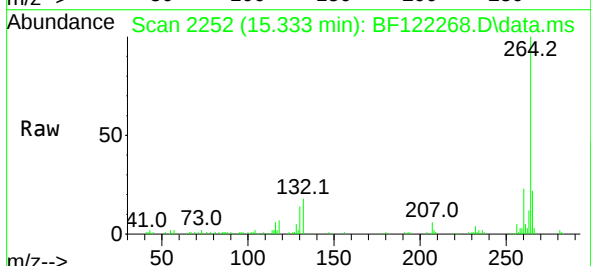
Instrument :
 BNA_F
 ClientSampleId :
 CRT-01



Tgt Ion:244 Resp: 819700
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BF122268.D
 Acq: 4 Nov 2020 17:40



Tgt Ion:264 Resp: 184645
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.6 17.3 25.9

