

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121928.D
 Acq On : 12 Oct 2020 20:18
 Operator : JU/CG
 Sample : L4339-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QUAD-3

Quant Time: Oct 13 00:31:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

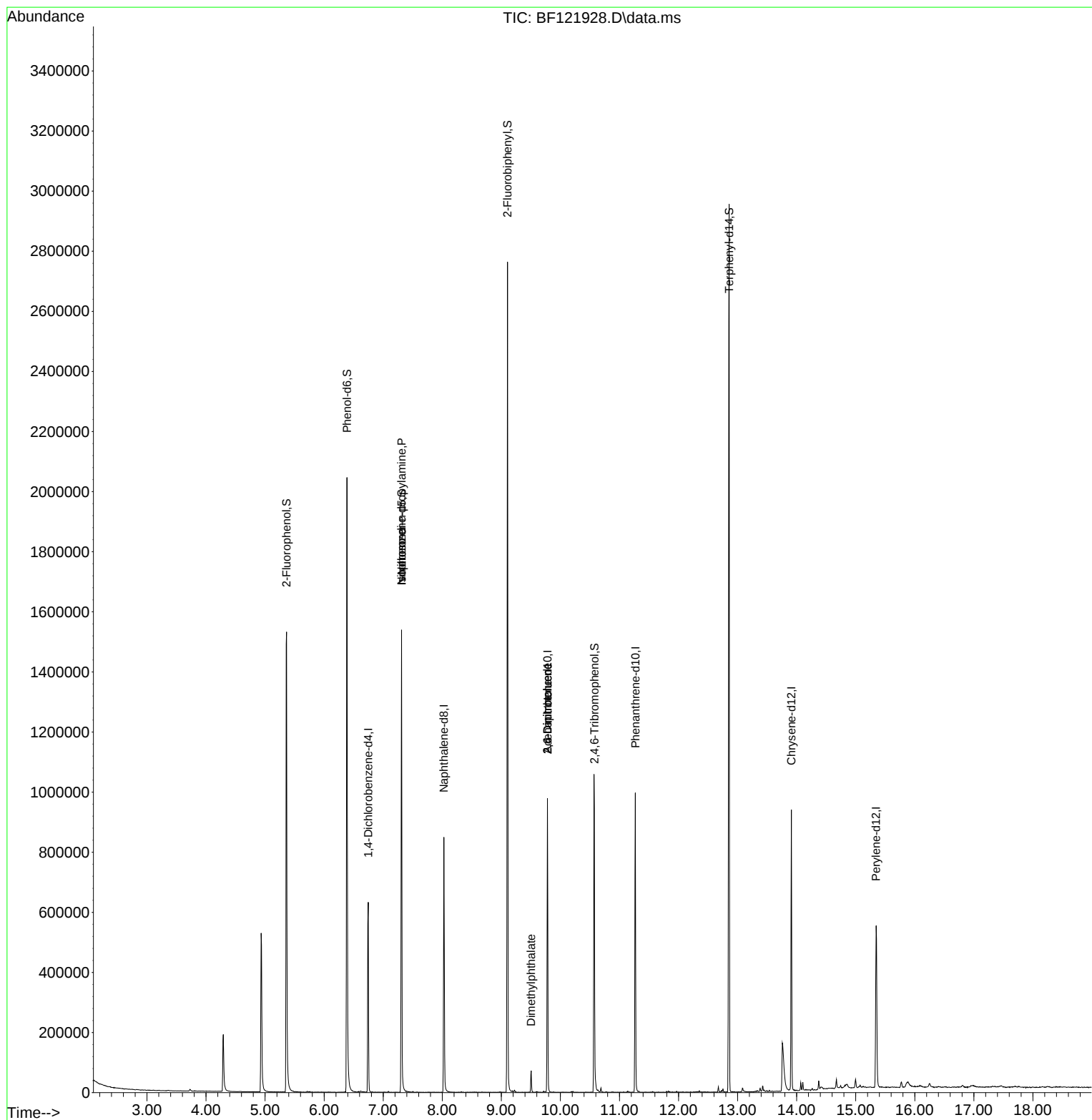
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	95050	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	373110	20.00	ng	0.00
39) Acenaphthene-d10	9.781	164	191470	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	362565	20.00	ng	0.00
76) Chrysene-d12	13.910	240	301512	20.00	ng	0.00
86) Perylene-d12	15.345	264	249640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	470055	72.99	ng	0.00
7) Phenol-d6	6.387	99	674543	81.37	ng	-0.01
23) Nitrobenzene-d5	7.310	82	472327	64.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	145137	61.28	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	832190	63.95	ng	0.00
79) Terphenyl-d14	12.857	244	928867	58.71	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	959	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	61607	13.05	ng	# 79
25) Isophorone	7.310	82	472322	34.33	ng	# 67
50) Dimethylphthalate	9.504	163	32575	2.33	ng	99
51) 2,6-Dinitrotoluene	9.781	165	23889	7.78	ng	# 21
57) 2,4-Dinitrotoluene	9.781	165	23889	6.32	ng	# 20

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

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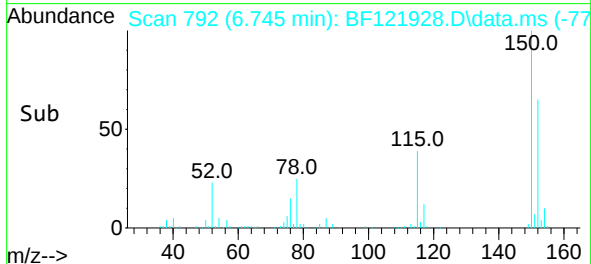
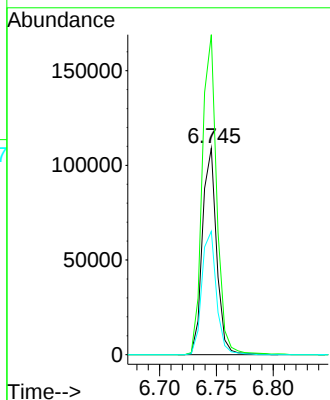
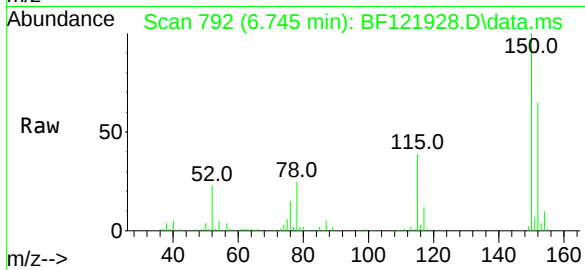




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

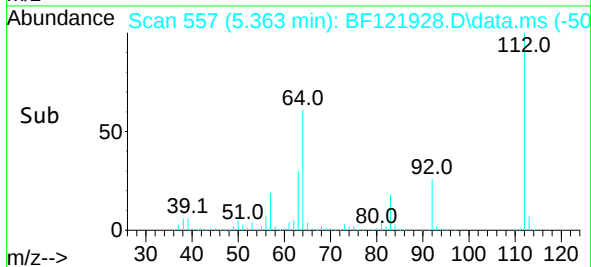
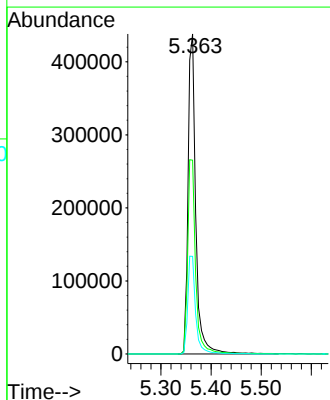
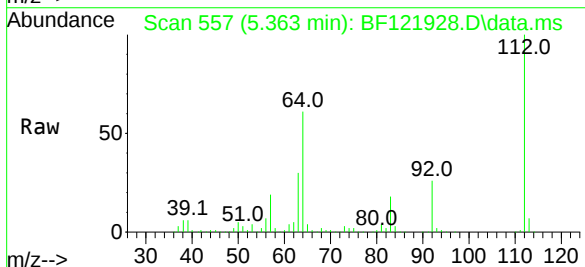
Instrument :
BNA_F
ClientSampleId :
QUAD-3

Tgt Ion:152 Resp: 95050
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 59.8 51.9 77.9



#5
2-Fluorophenol
Concen: 72.99 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Tgt Ion:112 Resp: 470055
Ion Ratio Lower Upper
112 100
64 60.5 50.4 75.6
63 30.5 25.8 38.6

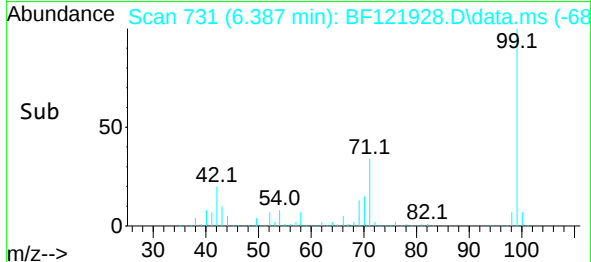
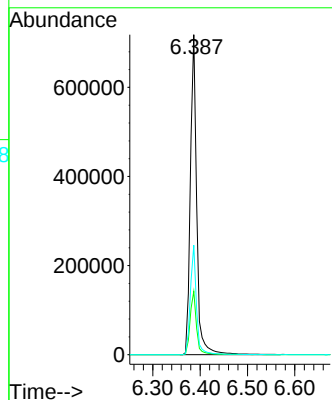
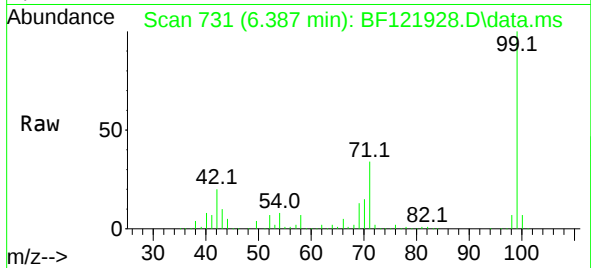




#7
Phenol-d6
Concen: 81.37 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

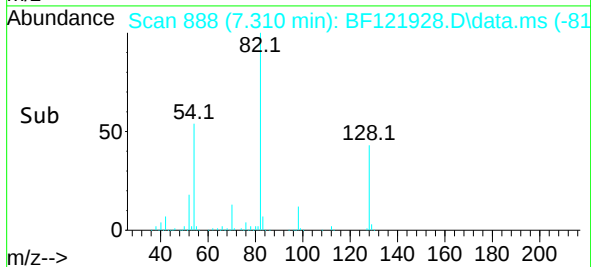
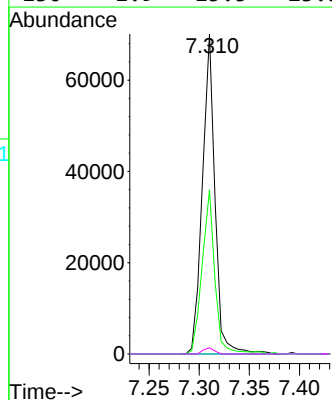
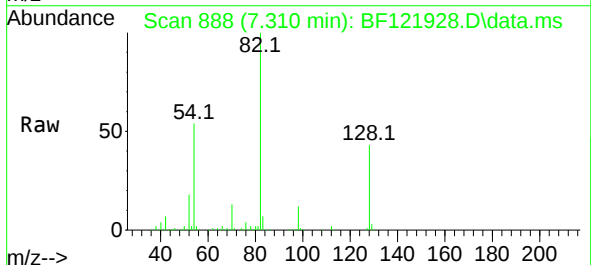
Instrument :
BNA_F
ClientSampleId :
QUAD-3

Tgt Ion: 99 Resp: 674543
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 34.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.05 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

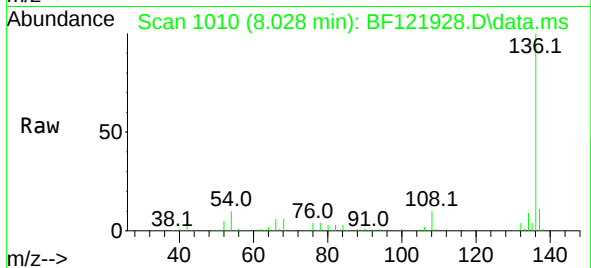
Tgt Ion: 70 Resp: 61607
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



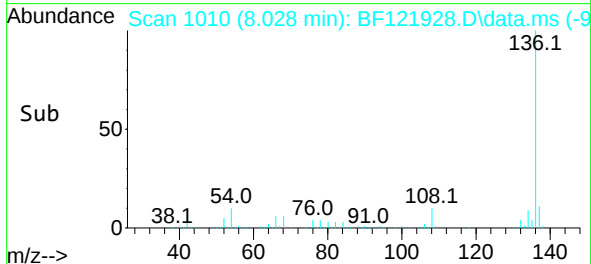
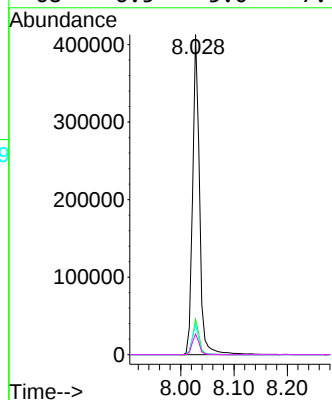


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Instrument :
BNA_F
ClientSampleId :
QUAD-3

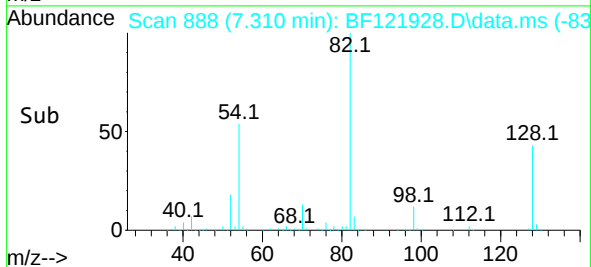
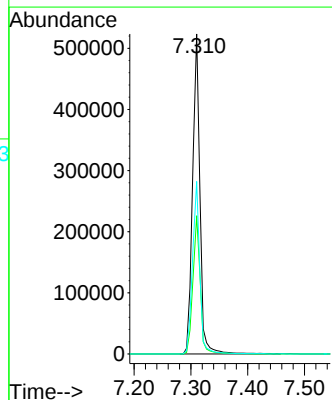
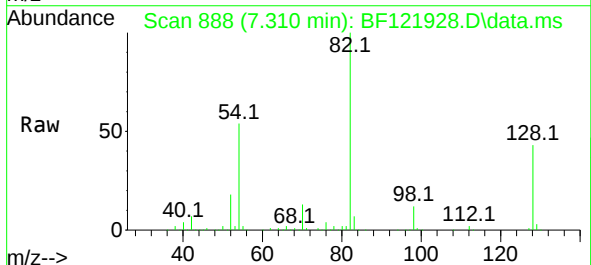


Tgt Ion:136 Resp: 373110
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 7.1 10.7
68 6.5 5.0 7.4



#23
Nitrobenzene-d5
Concen: 64.92 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Tgt Ion: 82 Resp: 472327
Ion Ratio Lower Upper
82 100
128 43.2 35.0 52.4
54 53.9 43.9 65.9

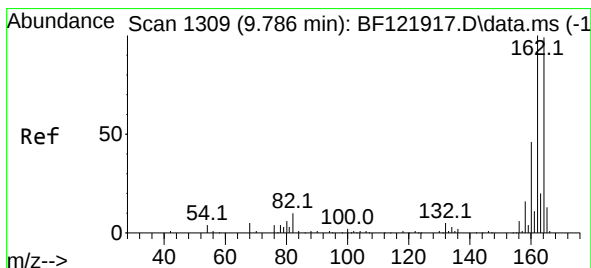
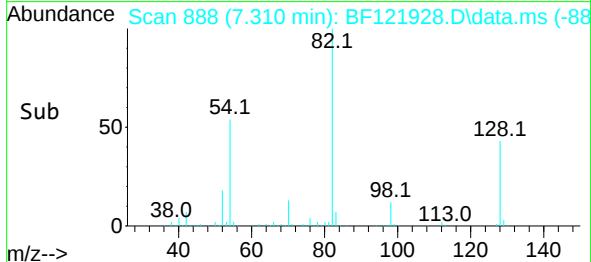
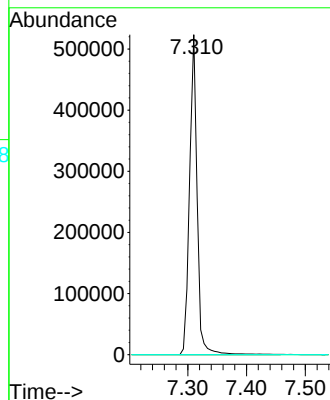
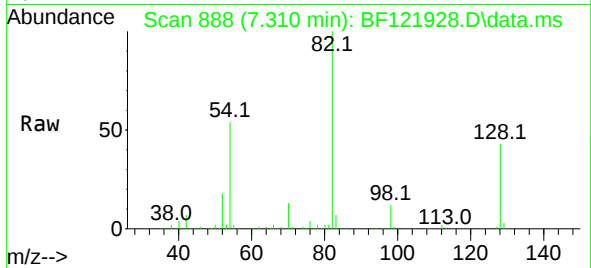




#25
Isophorone
Concen: 34.33 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.270 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

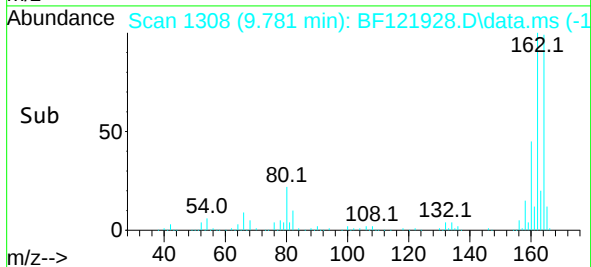
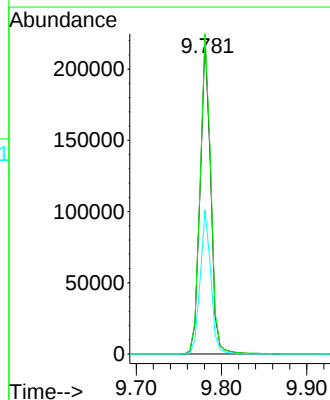
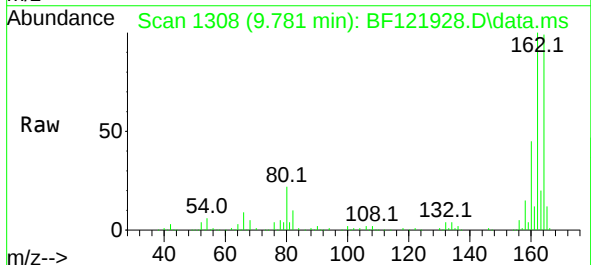
Instrument :
BNA_F
ClientSampleId :
QUAD-3

Tgt Ion: 82 Resp: 472322
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: 9.781 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Tgt Ion:164 Resp: 191470
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 45.5 37.5 56.3

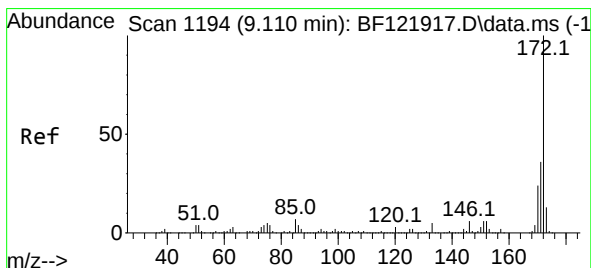
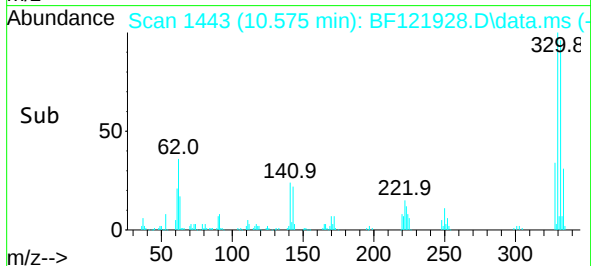
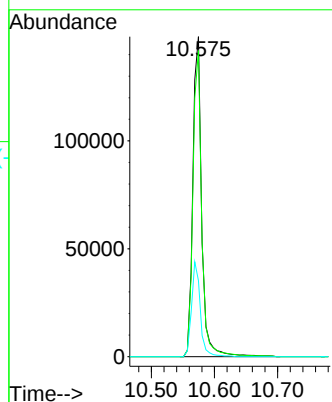
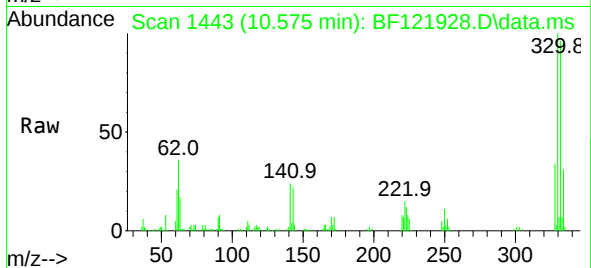




#42
2,4,6-Tribromophenol
Concen: 61.28 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

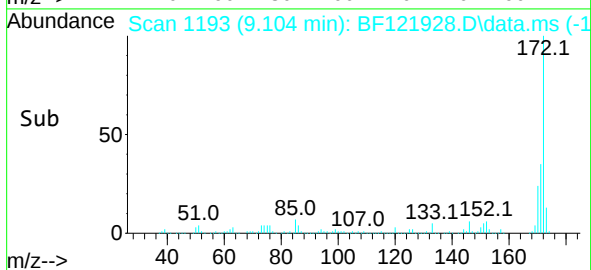
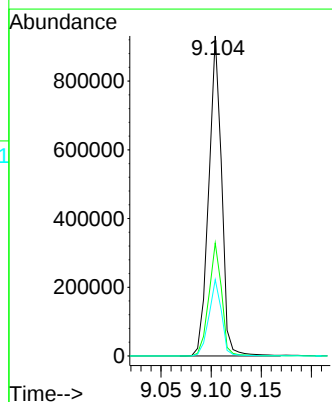
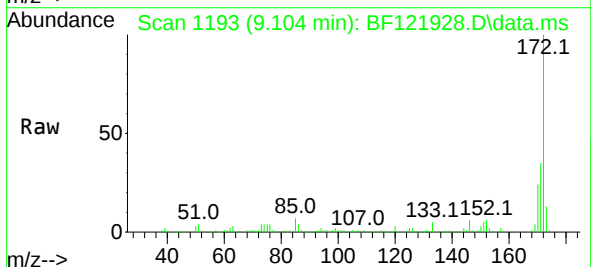
Instrument :
BNA_F
ClientSampleId :
QUAD-3

Tgt Ion: 330 Resp: 145137
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 29.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 63.95 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Tgt Ion: 172 Resp: 832190
Ion Ratio Lower Upper
172 100
171 35.3 29.1 43.7
170 23.9 19.8 29.6

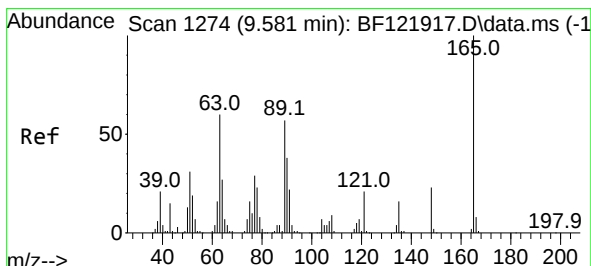
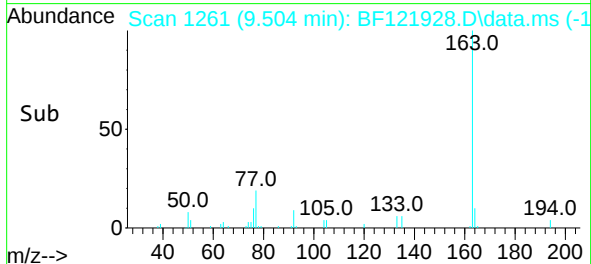
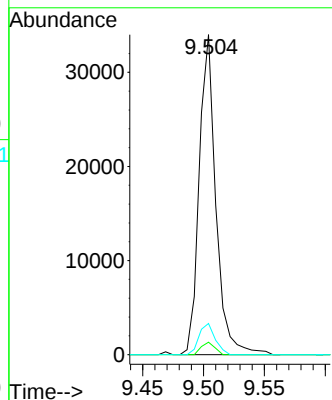
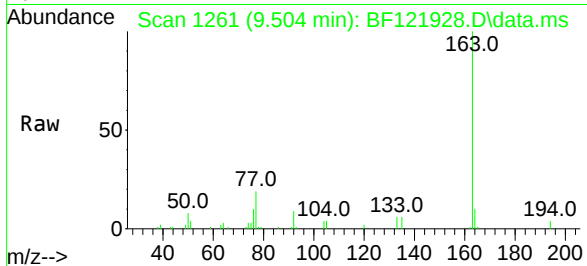




#50
Dimethylphthalate
Concen: 2.33 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

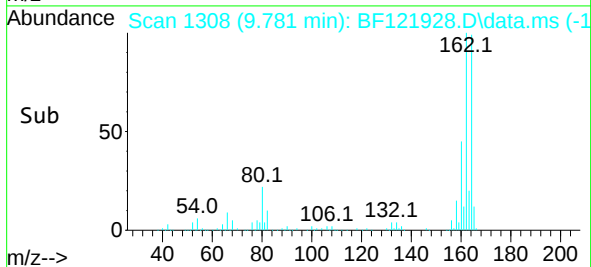
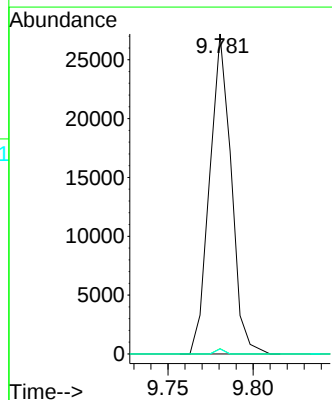
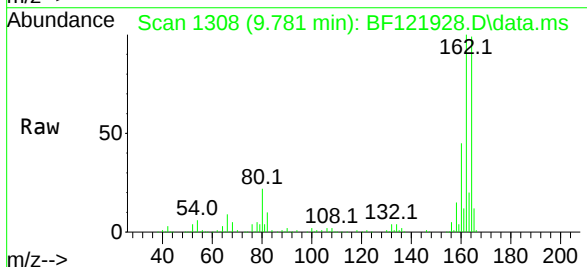
Instrument :
BNA_F
ClientSampleId :
QUAD-3

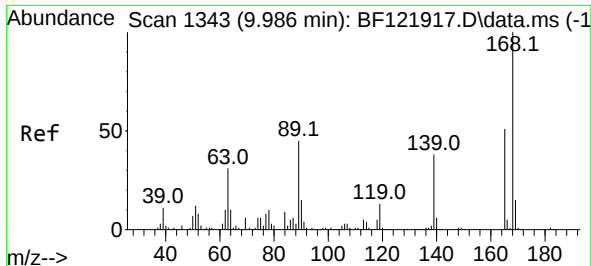
Tgt Ion:163 Resp: 32575
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.200 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

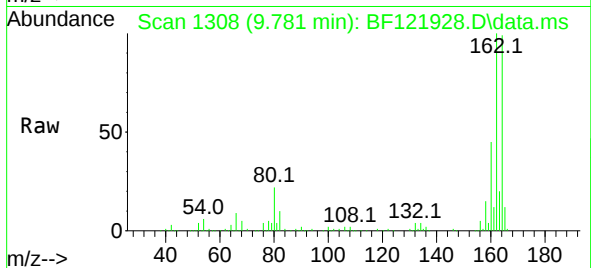
Tgt Ion:165 Resp: 23889
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.6#
89 1.5 49.0 73.6#



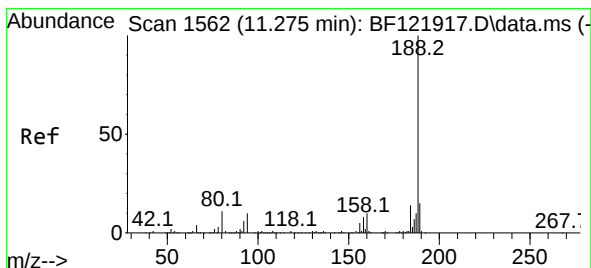
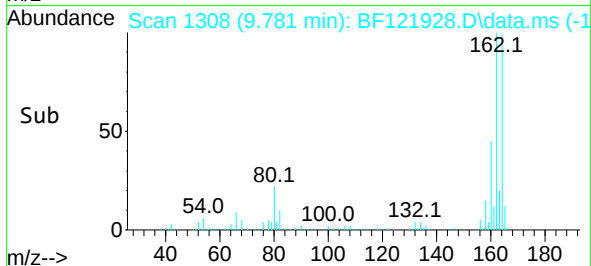
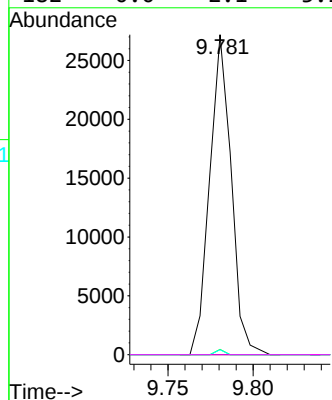


#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Instrument :
BNA_F
ClientSampleId :
QUAD-3

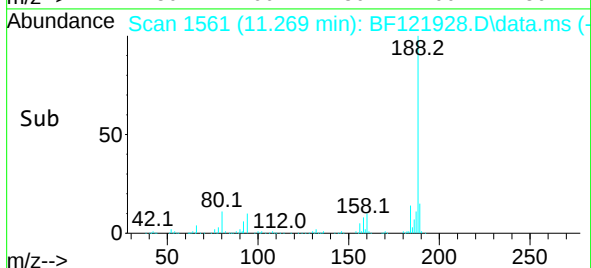
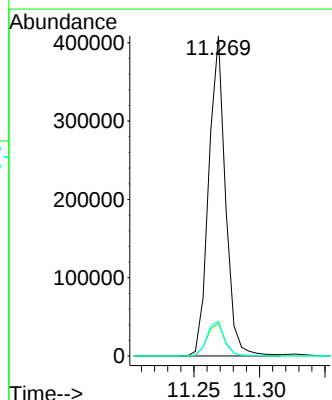
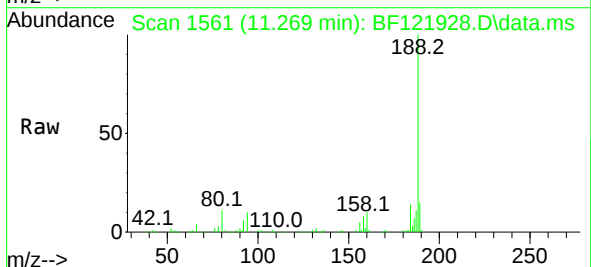


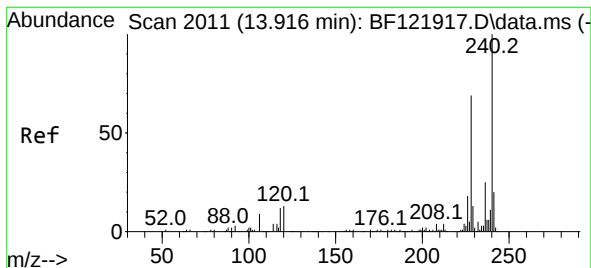
Tgt Ion:165 Resp: 23889
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Tgt Ion:188 Resp: 362565
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.9 9.1 13.7

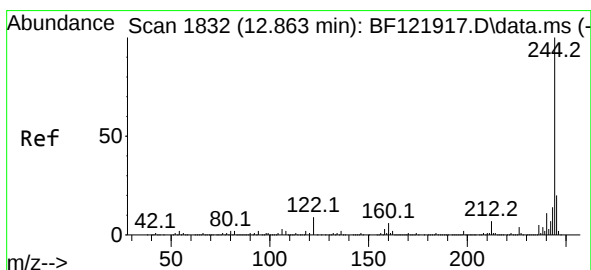
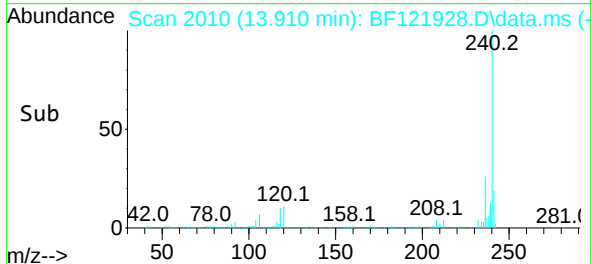
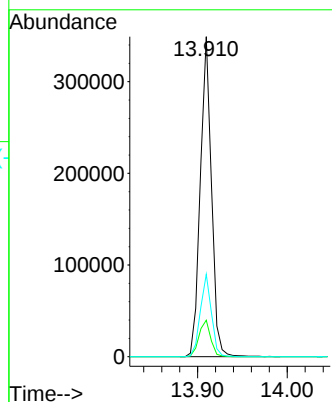
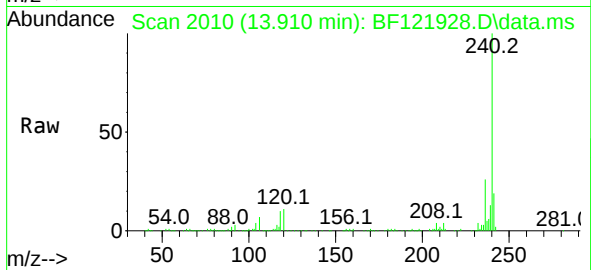




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

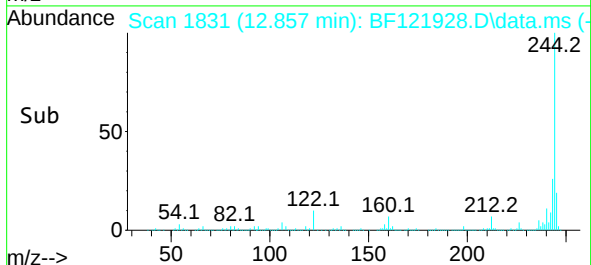
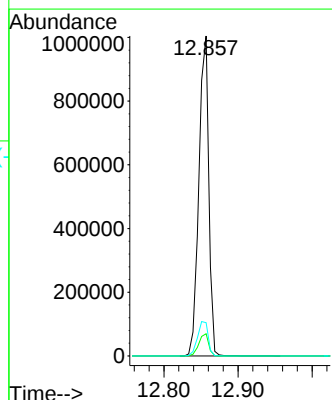
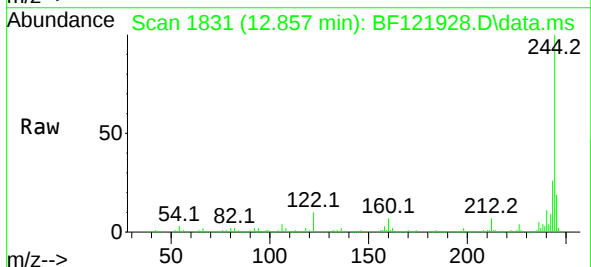
Instrument :
BNA_F
ClientSampleId :
QUAD-3

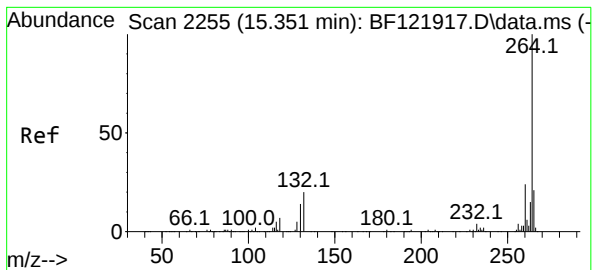
Tgt Ion:240 Resp: 301512
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 58.71 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF121928.D
Acq: 12 Oct 2020 20:18

Tgt Ion:244 Resp: 928867
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF121928.D
 Acq: 12 Oct 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 QUAD-3

Tgt Ion:	264	Resp:	249640
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	17.3	25.9

