

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122031.D
 Acq On : 20 Oct 2020 16:04
 Operator : JU/CG
 Sample : L4435-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5412

Quant Time: Oct 20 16:32:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

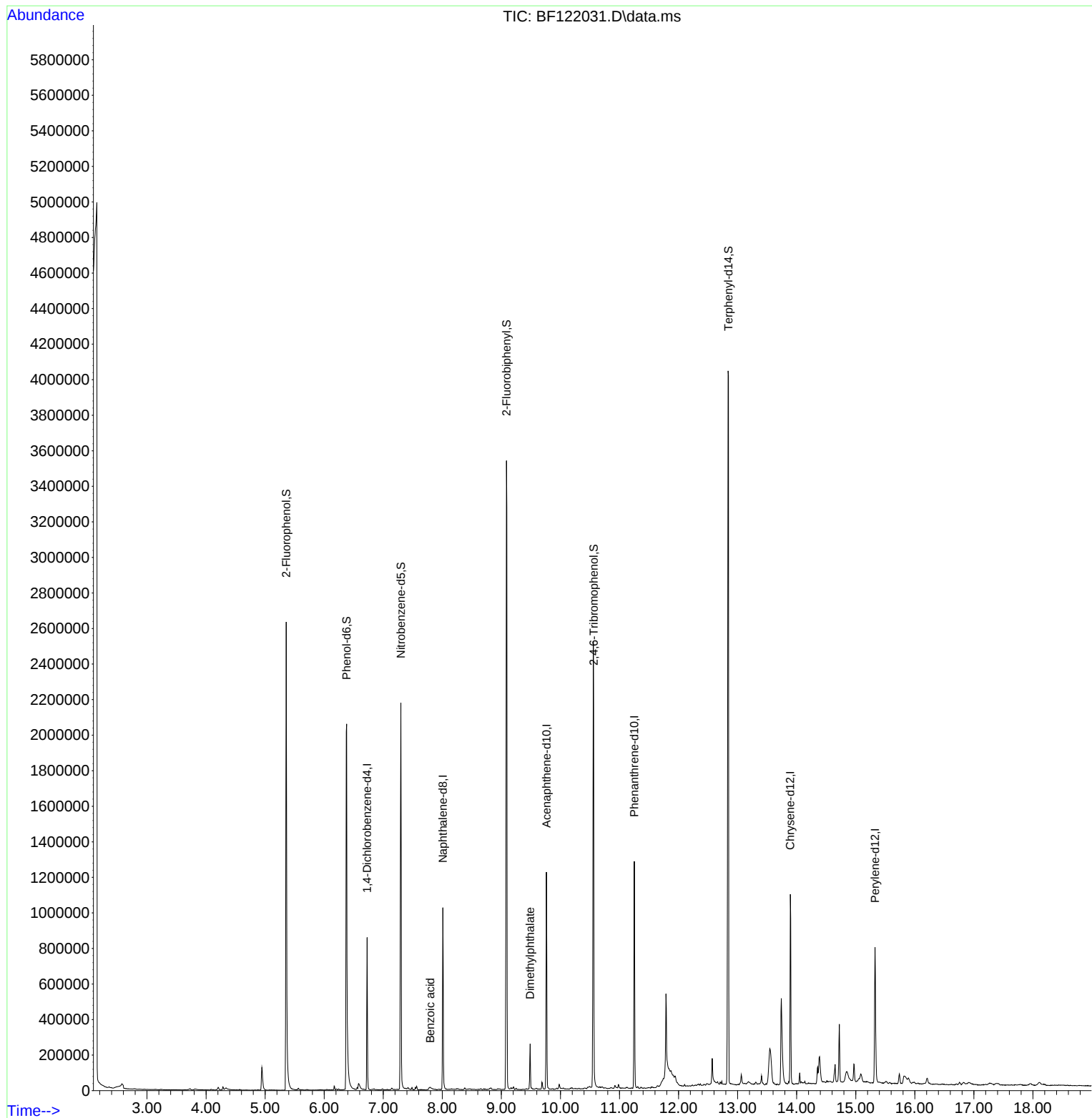
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	109976	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	440908	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	230836	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	448882	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	369239	20.00	ng	-0.02
86) Perylene-d12	15.327	264	306395	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	758724	101.82	ng	0.00
7) Phenol-d6	6.381	99	856809	89.32	ng	-0.01
23) Nitrobenzene-d5	7.298	82	736879	85.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.563	330	365892	128.14	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	1264597	80.61	ng	-0.02
79) Terphenyl-d14	12.845	244	1516870	78.29	ng	0.00
Target Compounds						
32) Benzoic acid	7.798	122	5638	8.83	ng	88
50) Dimethylphthalate	9.486	163	95870	5.68	ng	99

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

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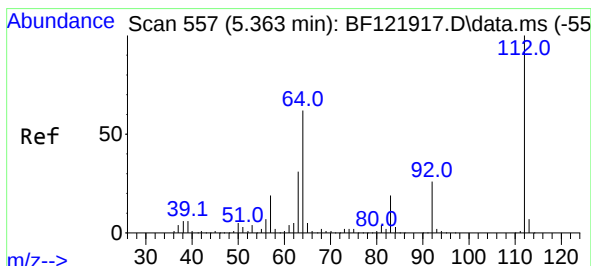
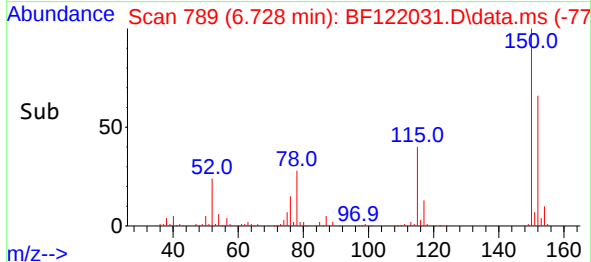
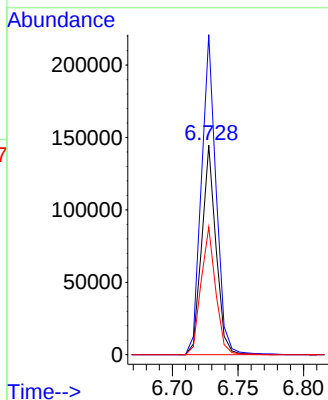
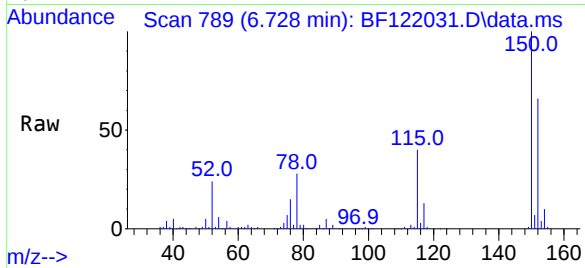




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

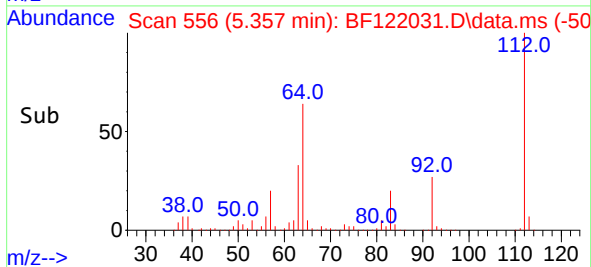
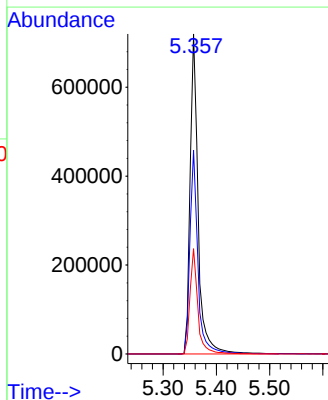
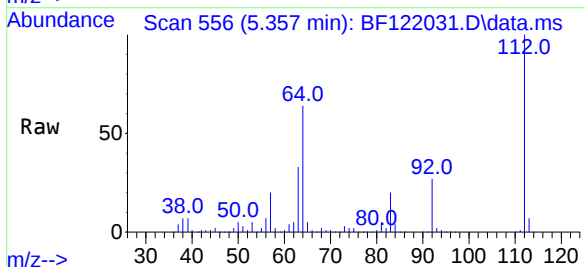
Instrument :
BNA_F
ClientSampleId :
5412

Tgt Ion:152 Resp: 109976
Ion Ratio Lower Upper
152 100
150 152.7 125.3 187.9
115 60.9 51.9 77.9



#5
2-Fluorophenol
Concen: 101.82 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

Tgt Ion:112 Resp: 758724
Ion Ratio Lower Upper
112 100
64 63.6 50.4 75.6
63 32.9 25.8 38.6

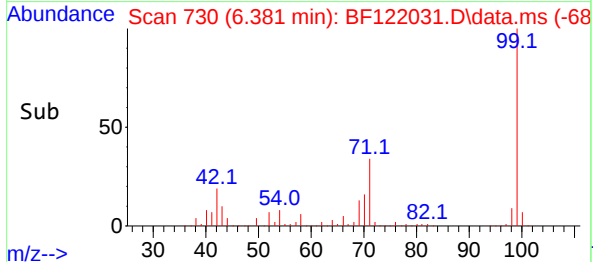
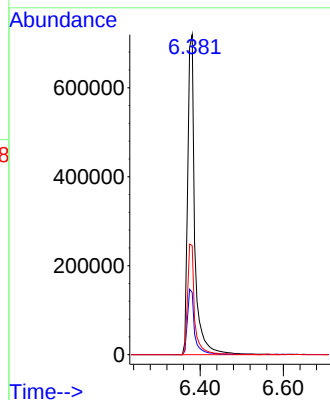
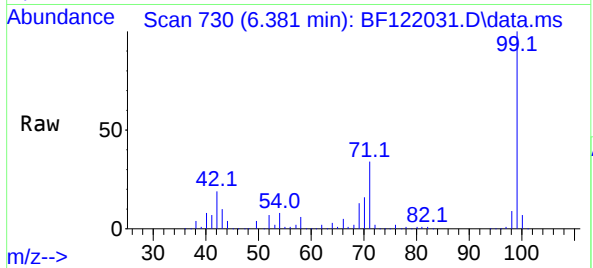




#7
Phenol-d6
Concen: 89.32 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.012 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

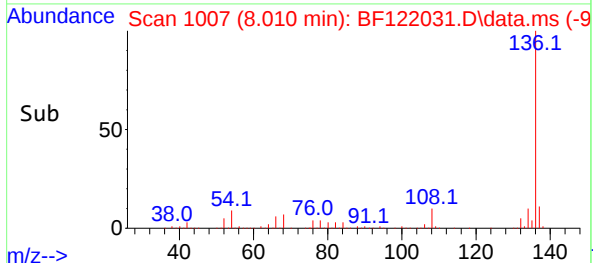
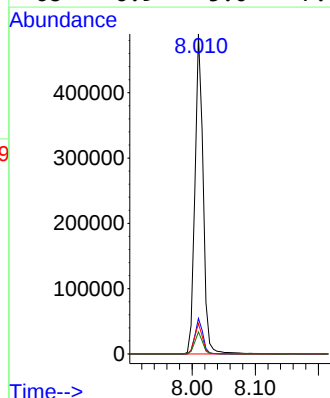
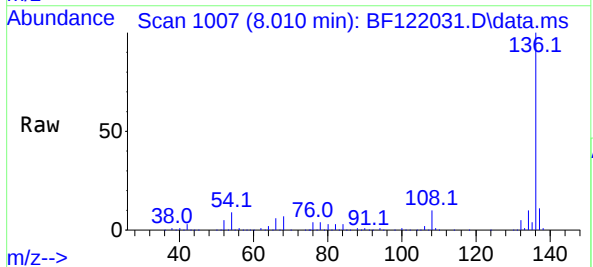
Instrument :
BNA_F
ClientSampleId :
5412

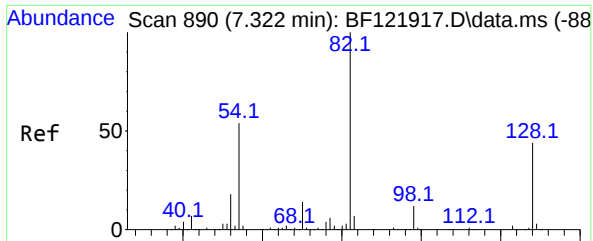
Tgt Ion: 99 Resp: 856809
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.1 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

Tgt Ion: 136 Resp: 440908
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.1 10.7
68 6.9 5.0 7.4

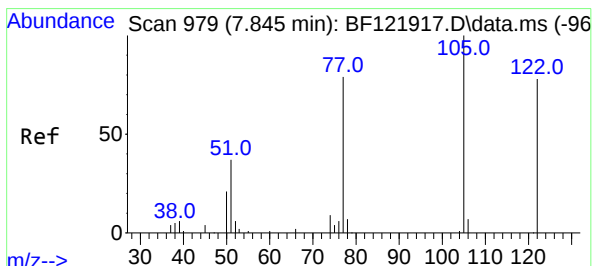
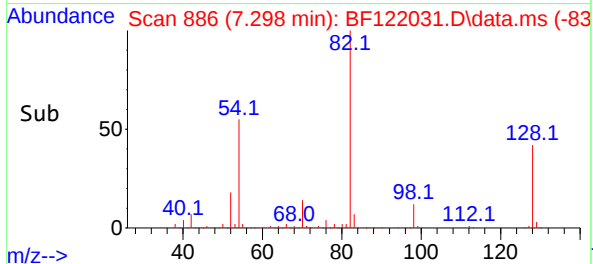
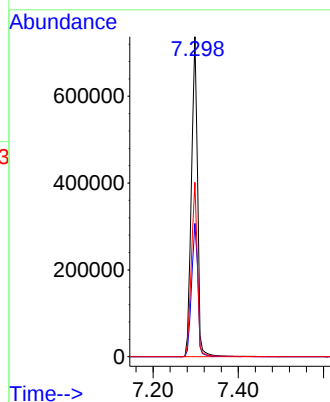
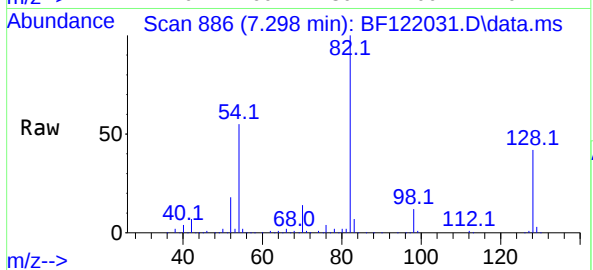




#23
Nitrobenzene-d5
Concen: 85.71 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

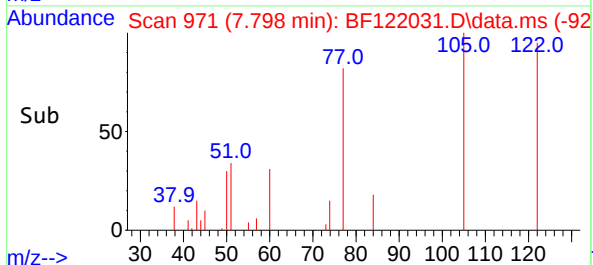
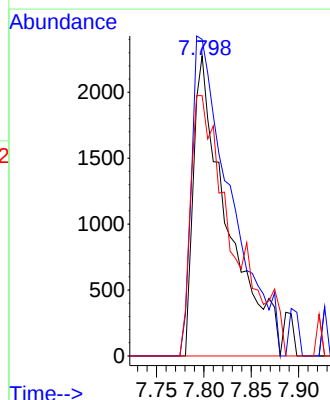
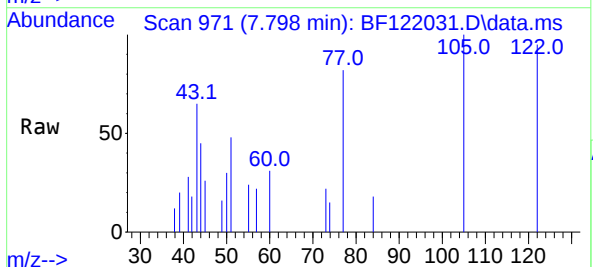
Instrument :
BNA_F
ClientSampled :
5412

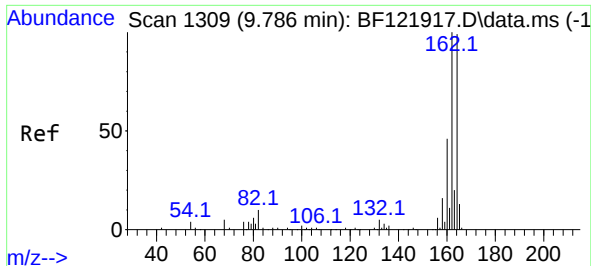
Tgt Ion: 82 Resp: 736879
Ion Ratio Lower Upper
82 100
128 41.7 35.0 52.4
54 54.5 43.9 65.9



#32
Benzoic acid
Concen: 8.83 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.041 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

Tgt Ion: 122 Resp: 5638
Ion Ratio Lower Upper
122 100
105 105.5 103.3 143.3
77 86.7 73.9 113.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.018 min

Lab File: BF122031.D

Acq: 20 Oct 2020 16:04

Tgt Ion:164 Resp: 230836

Ion Ratio Lower Upper

164 100

162 104.4 83.2 124.8

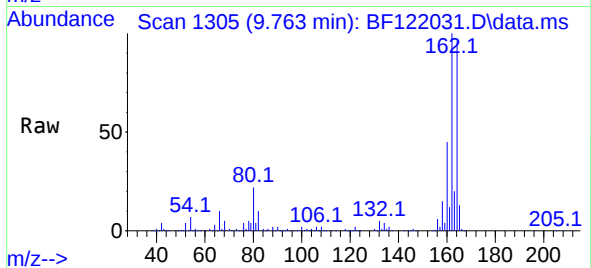
160 47.4 37.5 56.3

Instrument :

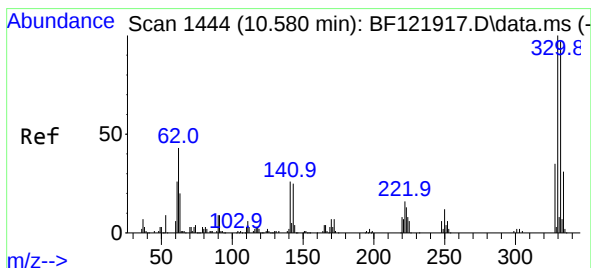
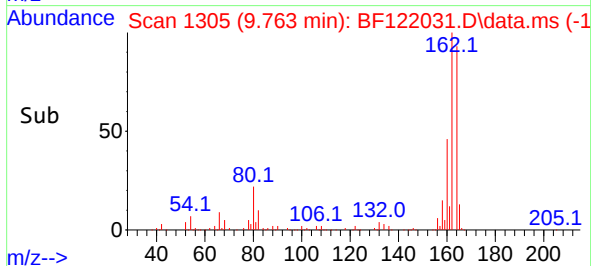
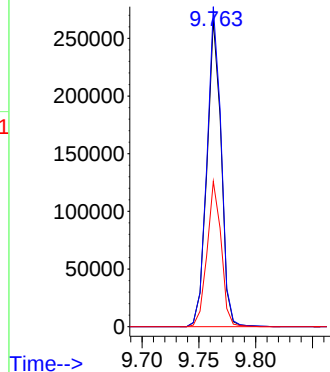
BNA_F

ClientSampleId :

5412



Abundance



#42

2,4,6-Tribromophenol

Concen: 128.14 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF122031.D

Acq: 20 Oct 2020 16:04

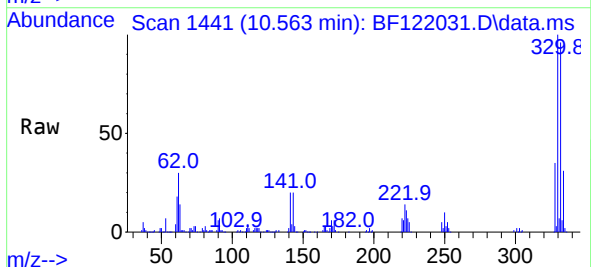
Tgt Ion:330 Resp: 365892

Ion Ratio Lower Upper

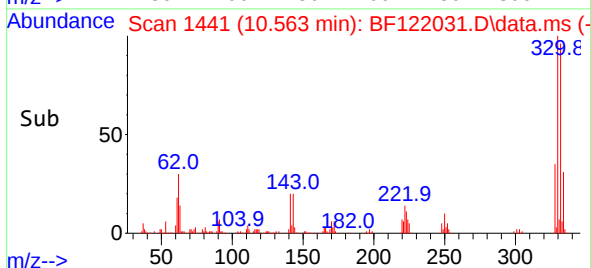
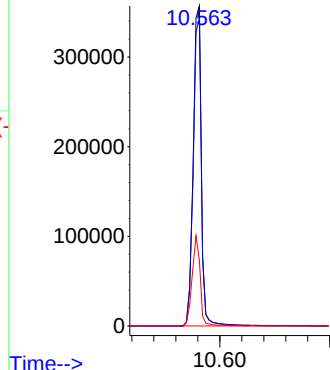
330 100

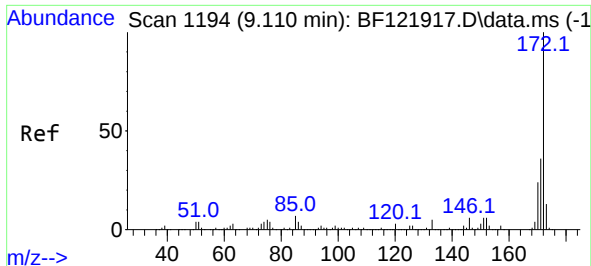
332 96.2 77.3 115.9

141 27.8 22.3 33.5



Abundance

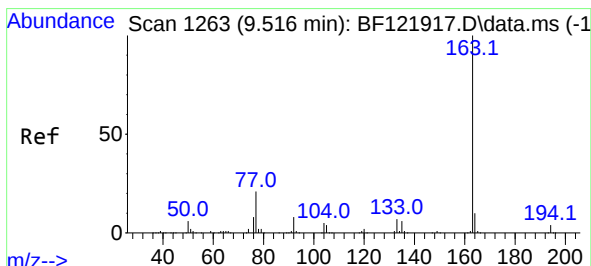
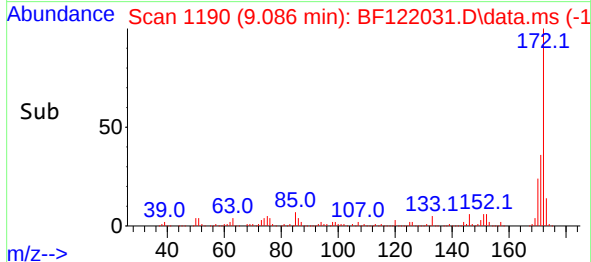
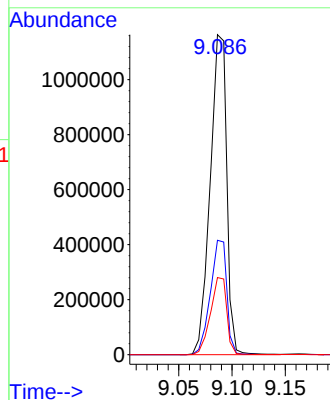
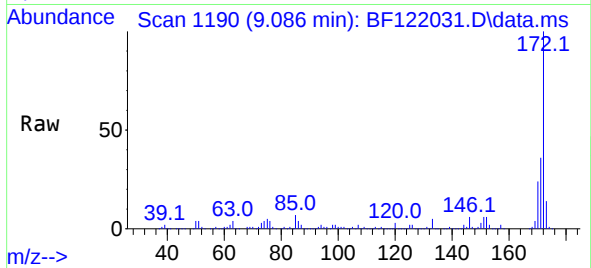




#45
2-Fluorobiphenyl
Concen: 80.61 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

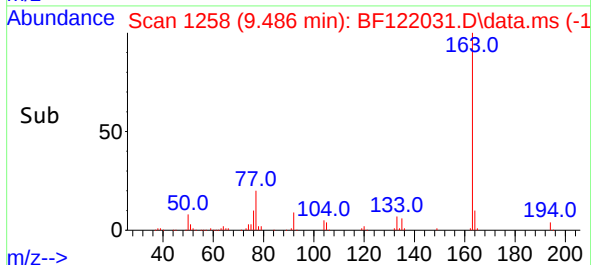
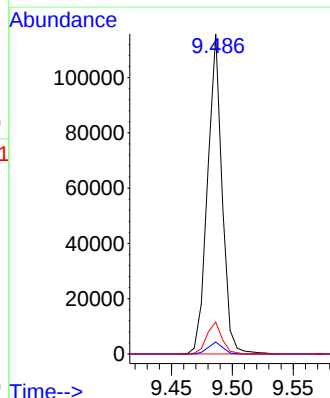
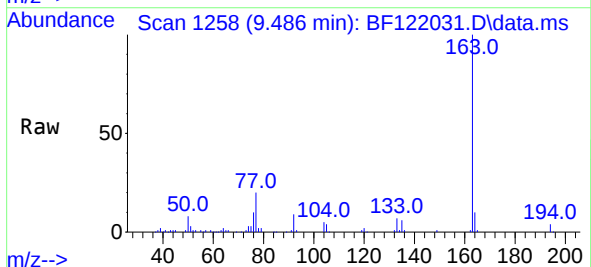
Instrument :
BNA_F
ClientSampled :
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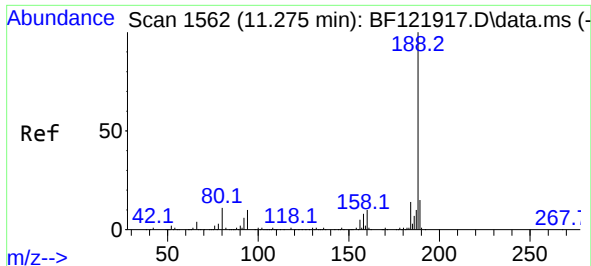
Tgt Ion:172 Resp: 1264597
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 5.68 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

Tgt Ion:163 Resp: 95870
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4

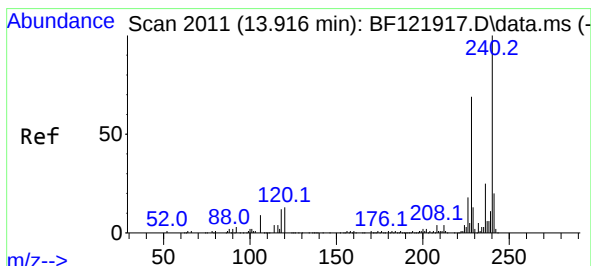
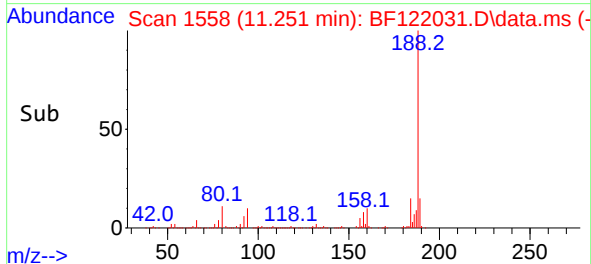
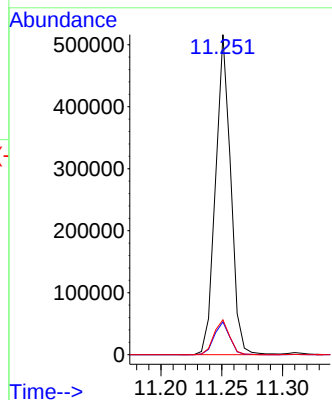
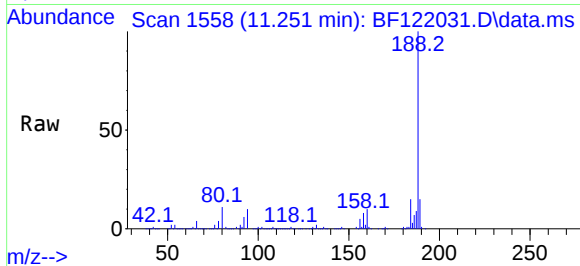




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

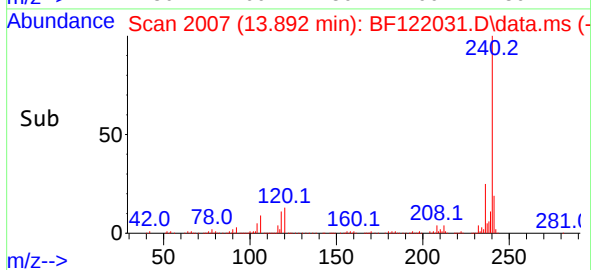
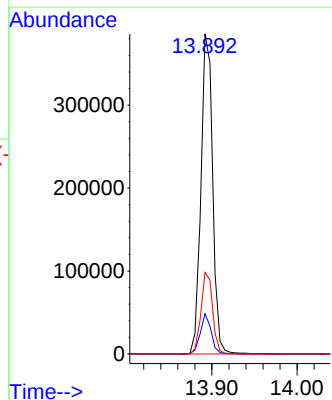
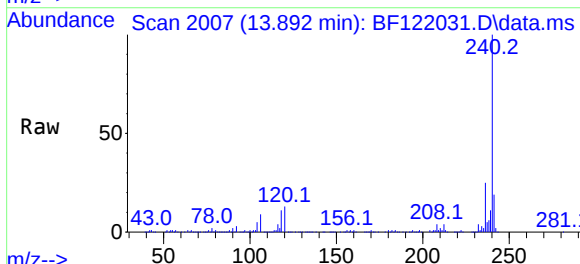
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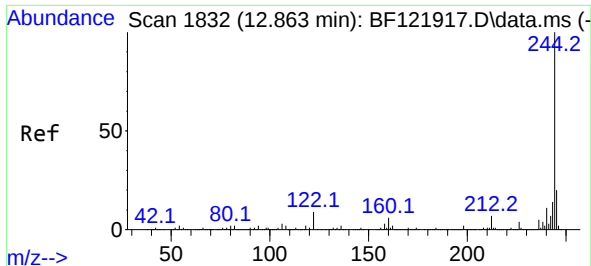
Tgt Ion:188 Resp: 448882
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.9 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

Tgt Ion:240 Resp: 369239
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.4 20.9 31.3

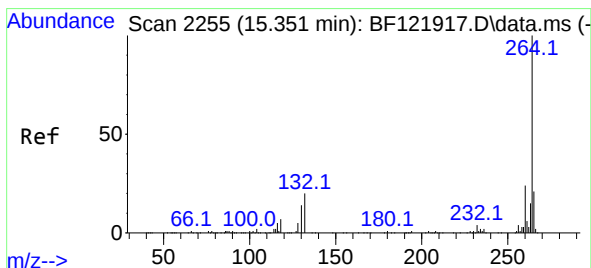
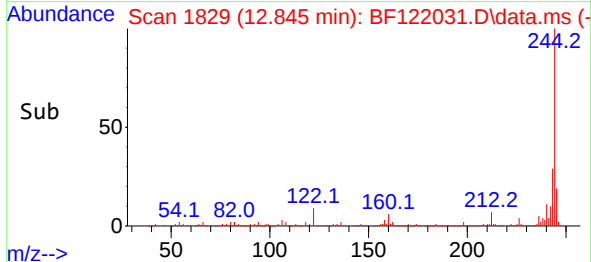
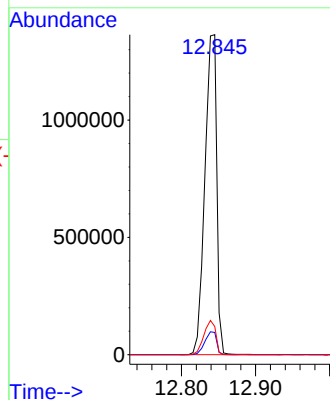
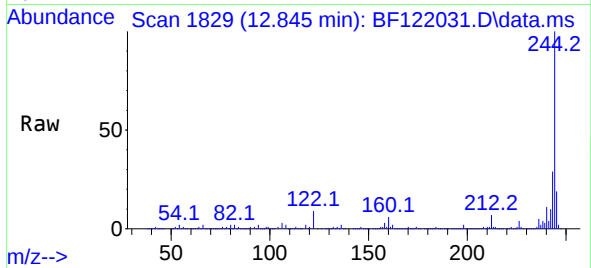




#79
Terphenyl-d14
Concen: 78.29 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

Instrument :
BNA_F
ClientSampleId :
5412

Tgt Ion:244 Resp: 1516870
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 8.8 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122031.D
Acq: 20 Oct 2020 16:04

Tgt Ion:264 Resp: 306395
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.0 17.3 25.9

