

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122019.D
 Acq On : 16 Oct 2020 19:22
 Operator : JU/CG
 Sample : L4406-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-101420-B

Quant Time: Oct 17 00:00:04 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)

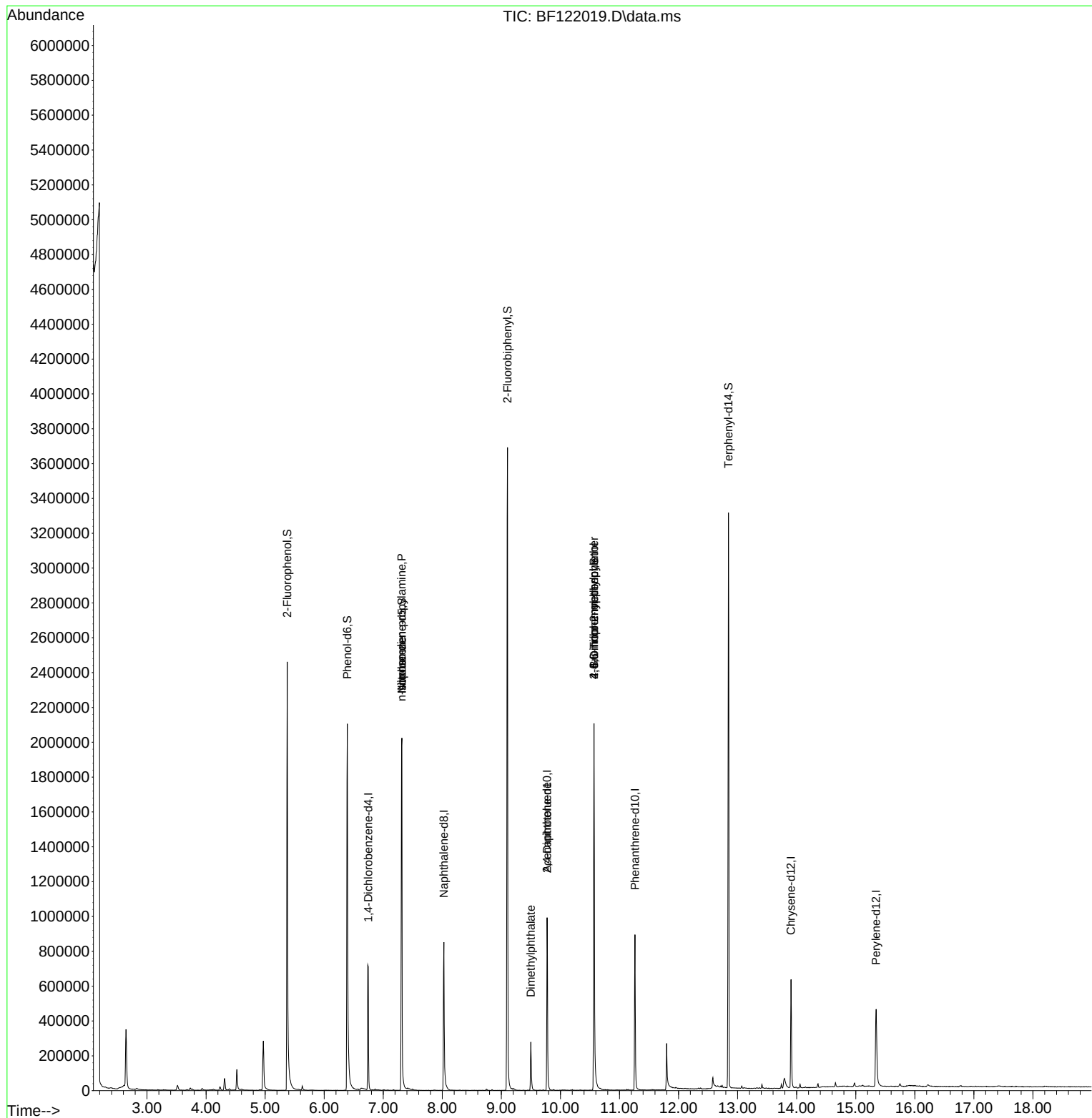
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	110646	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	431422	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	209975	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	353086	20.00	ng	0.00
76) Chrysene-d12	13.904	240	238994	20.00	ng	0.00
86) Perylene-d12	15.345	264	251847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	751235	100.21	ng	0.01
7) Phenol-d6	6.392	99	829861	85.99	ng	0.00
23) Nitrobenzene-d5	7.316	82	749038	89.04	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	310258	119.45	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1242223	87.05	ng	0.00
79) Terphenyl-d14	12.845	244	1068863	85.23	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	1036	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	101917	18.55	ng	# 78
25) Isophorone	7.316	82	749134	47.10	ng	# 67
50) Dimethylphthalate	9.498	163	135290	8.81	ng	99
57) 2,4-Dinitrotoluene	9.775	165	26679	6.43	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	505	4.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	18043	4.42	ng	# 1

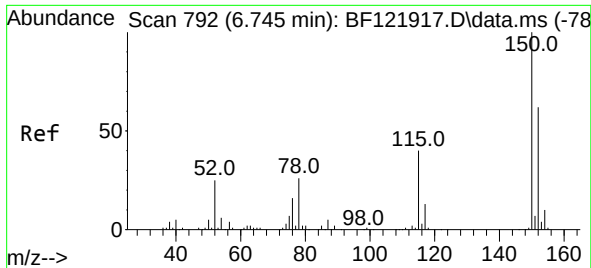
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 12:55:05 2020
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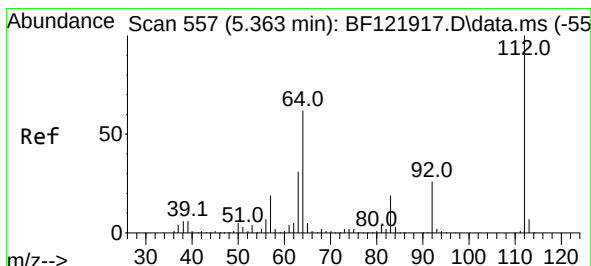
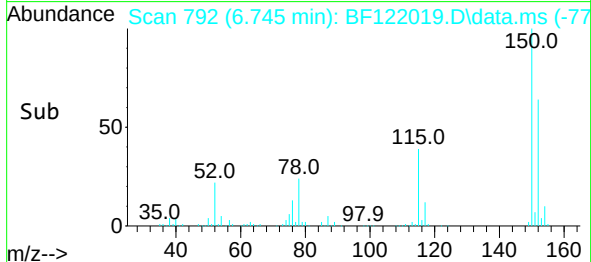
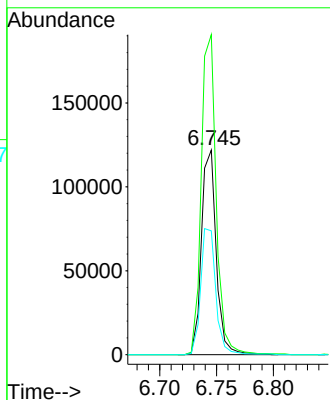
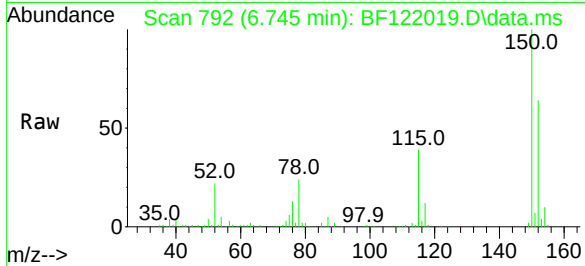




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.745 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF122019.D
 Acq: 16 Oct 2020 19:22

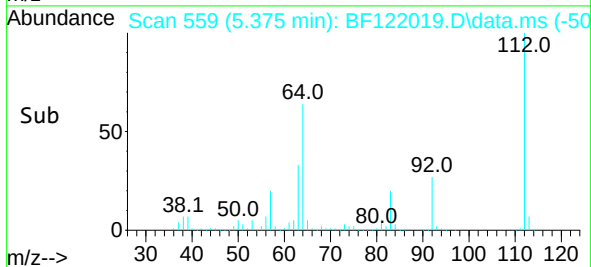
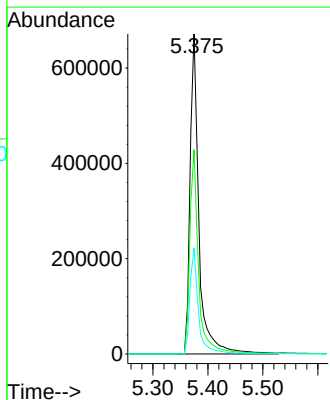
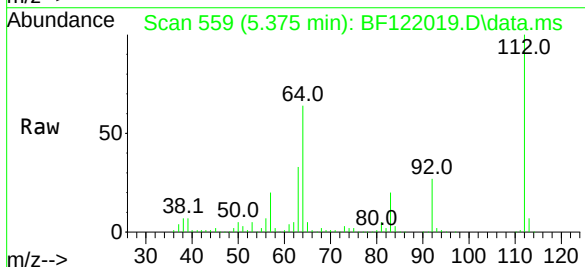
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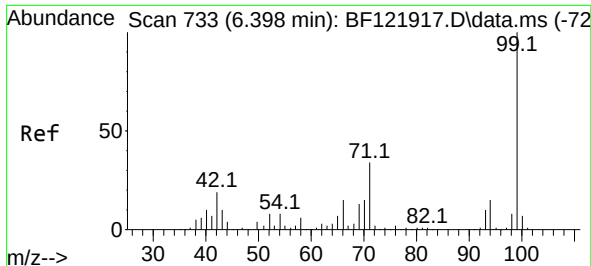
Tgt Ion:152 Resp: 110646
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 60.5 51.9 77.9



#5
 2-Fluorophenol
 Concen: 100.21 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: BF122019.D
 Acq: 16 Oct 2020 19:22

Tgt Ion:112 Resp: 751235
 Ion Ratio Lower Upper
 112 100
 64 63.9 50.4 75.6
 63 33.0 25.8 38.6

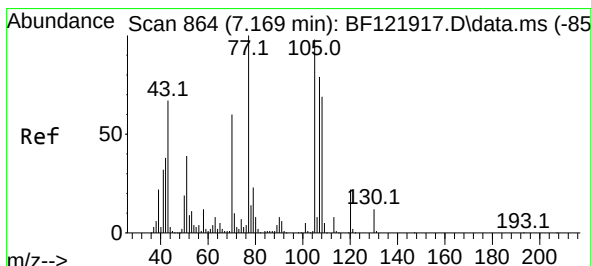
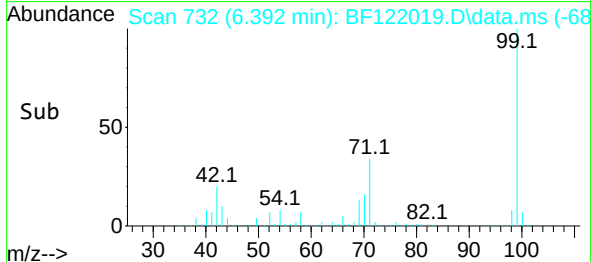
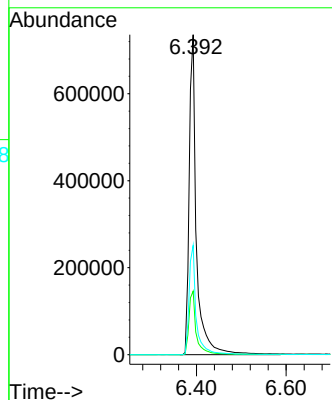
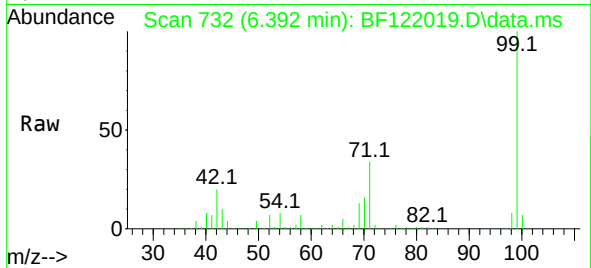




#7
Phenol-d6
Concen: 85.99 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

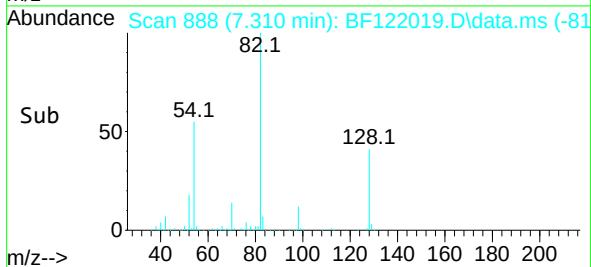
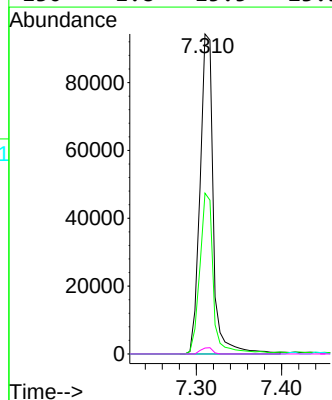
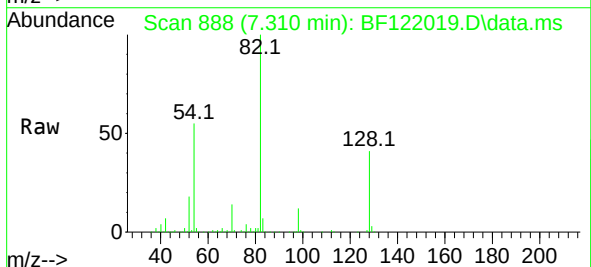
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BNA_F
ClientSampleId :
JC-02-101420-B

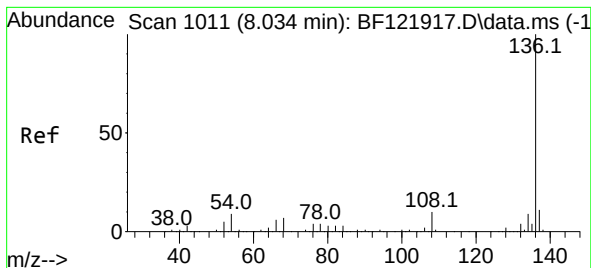
Tgt Ion: 99 Resp: 829861
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 34.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.55 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

Tgt Ion: 70 Resp: 101917
Ion Ratio Lower Upper
70 100
42 50.2 50.2 75.4#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#

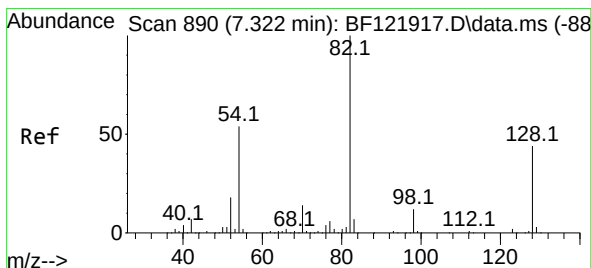
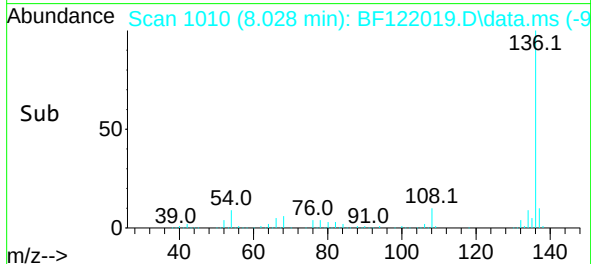
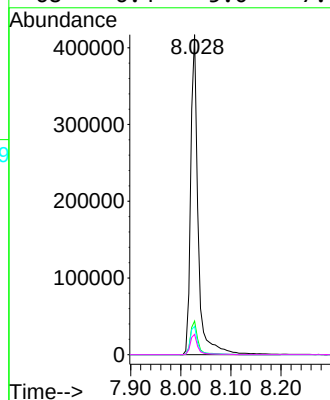
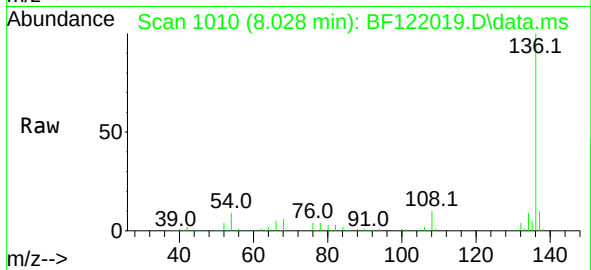




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

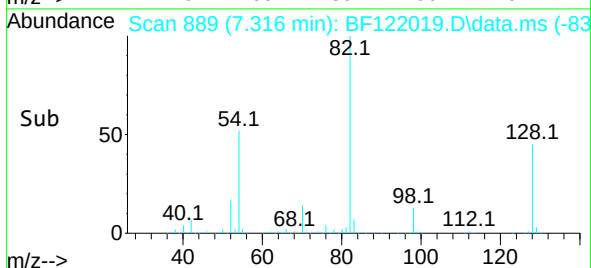
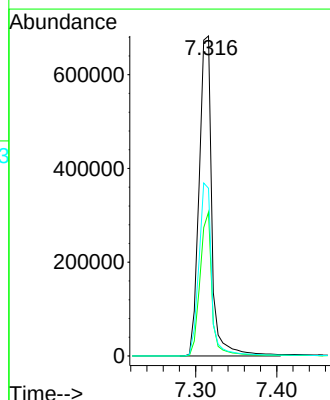
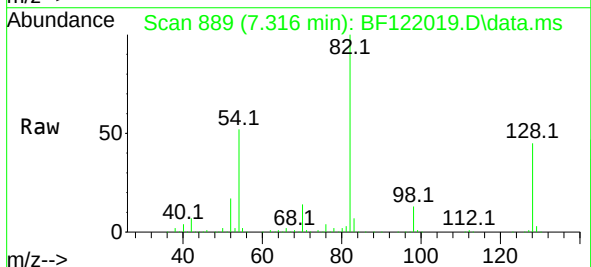
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

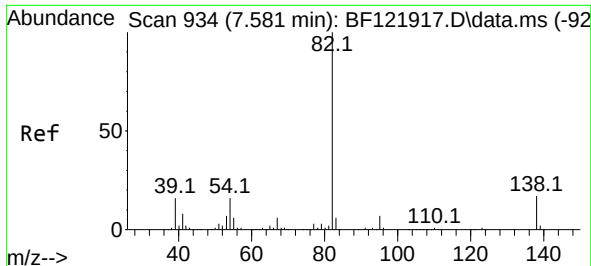
Tgt Ion:136 Resp: 431422
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.8 7.1 10.7
68 6.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.04 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

Tgt Ion: 82 Resp: 749038
Ion Ratio Lower Upper
82 100
128 44.9 35.0 52.4
54 52.4 43.9 65.9

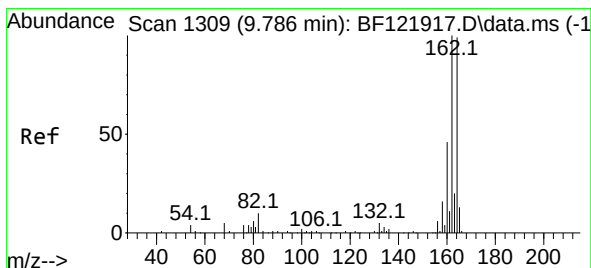
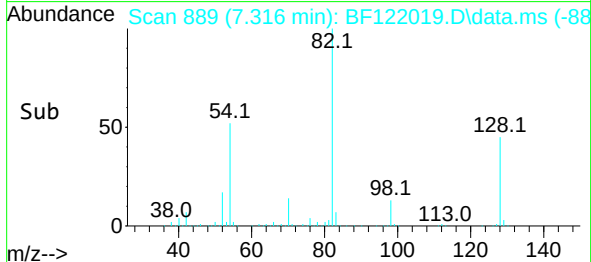
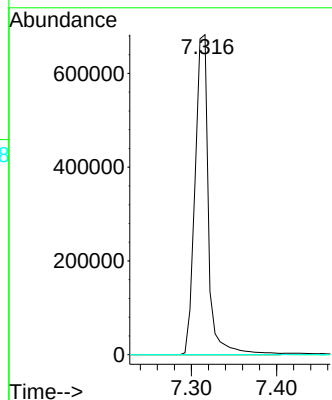
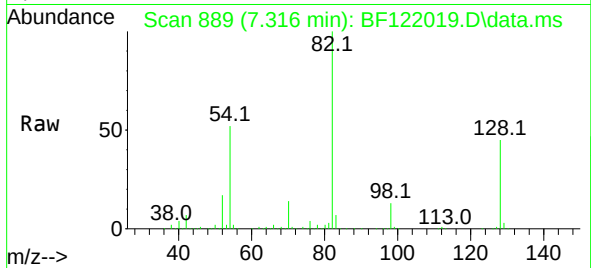




#25
Isophorone
Concen: 47.10 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.259 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

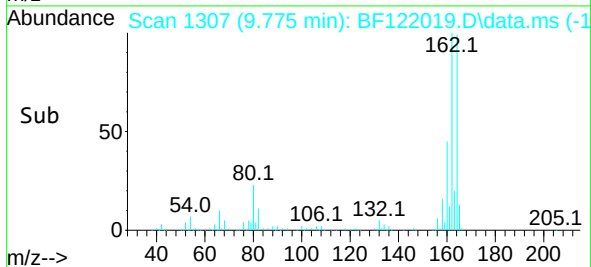
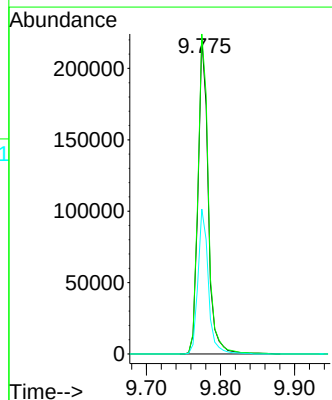
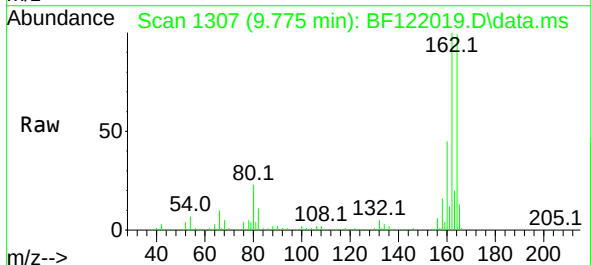
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ClientSampleId :
JC-02-101420-B

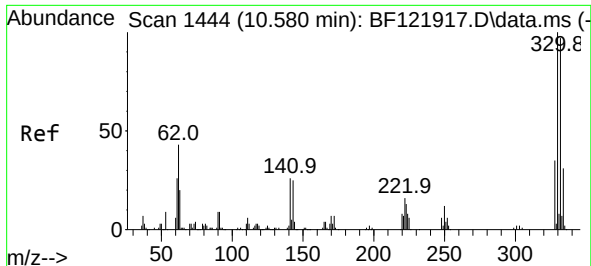
Tgt Ion: 82 Resp: 749134
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

Tgt Ion: 164 Resp: 209975
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 45.9 37.5 56.3

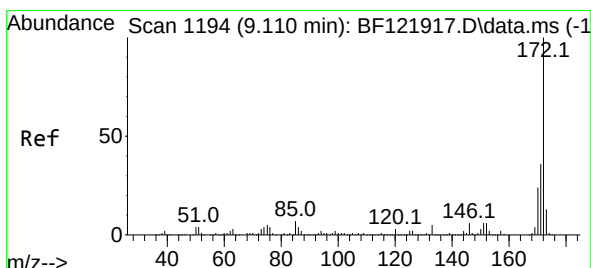
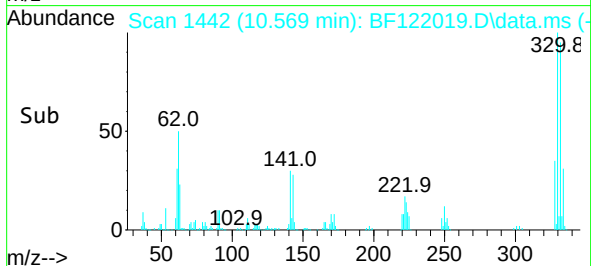
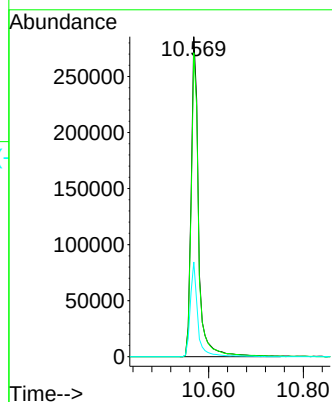
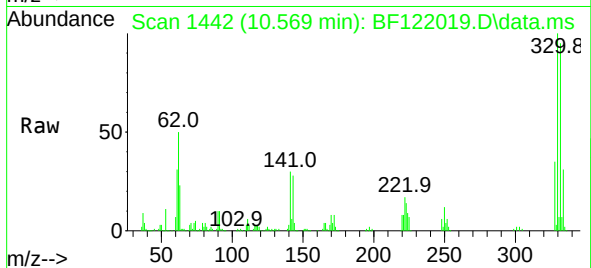




#42
2,4,6-Tribromophenol
Concen: 119.45 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

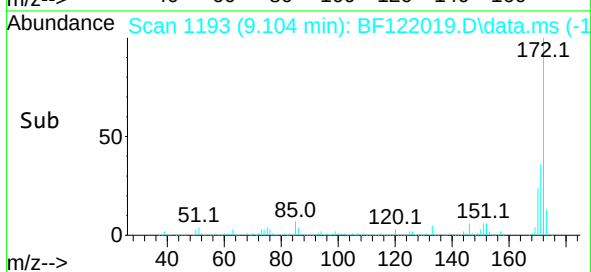
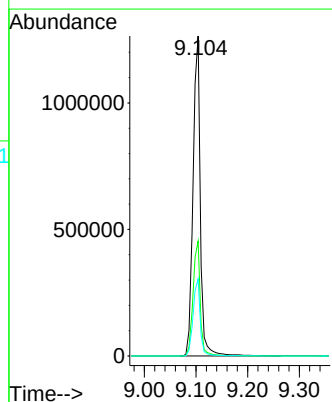
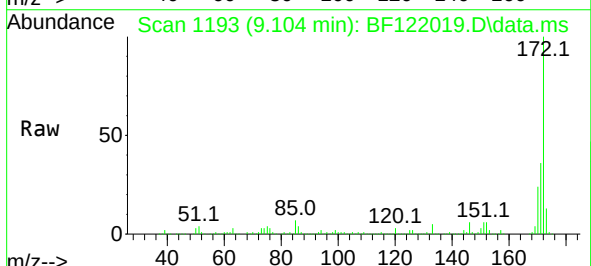
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ClientSampleId :
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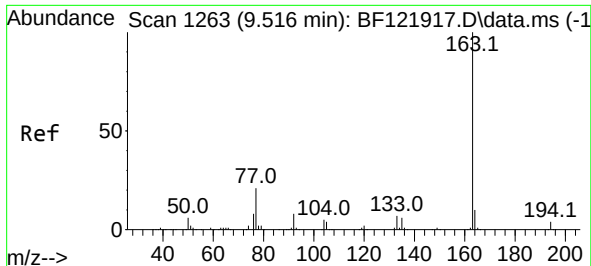
Tgt Ion:330 Resp: 310258
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 87.05 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

Tgt Ion:172 Resp: 1242223
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 24.1 19.8 29.6

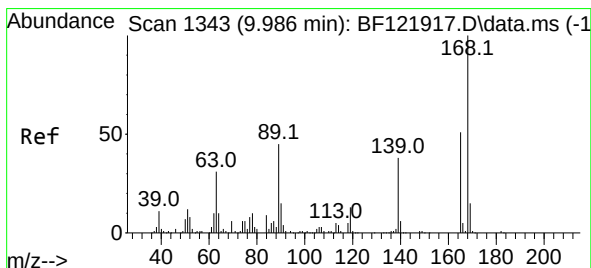
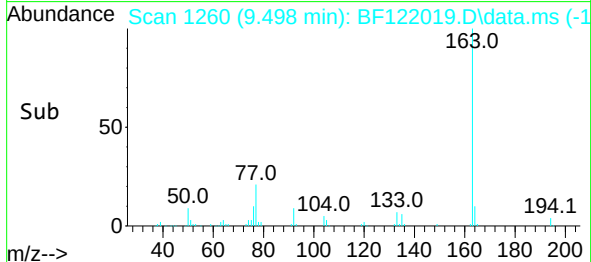
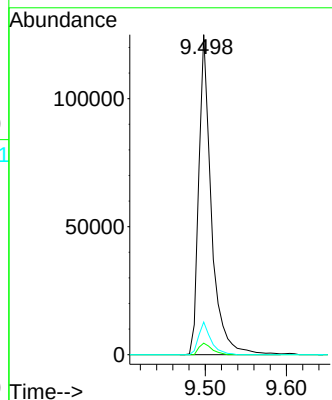
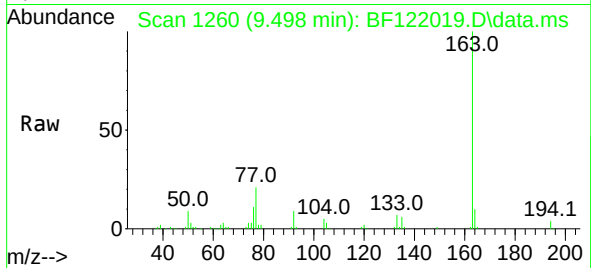




#50
Dimethylphthalate
Concen: 8.81 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

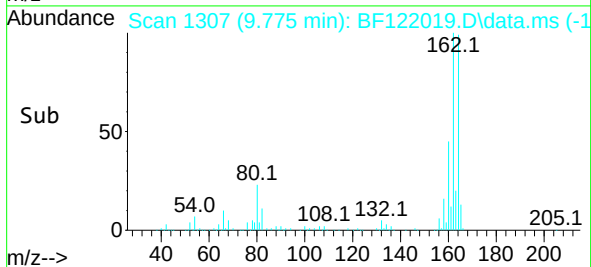
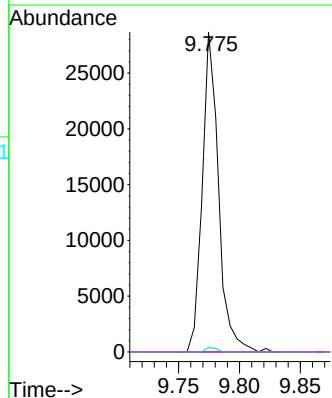
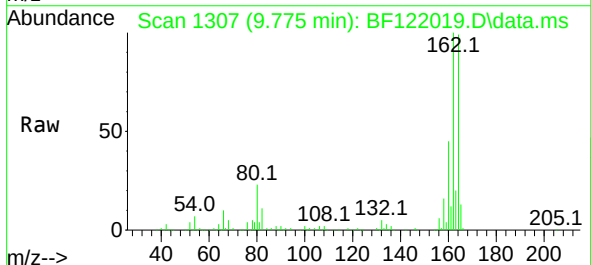
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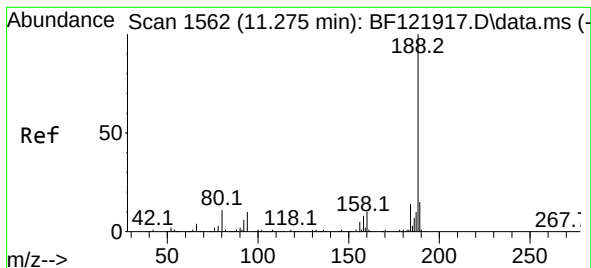
Tgt Ion:163 Resp: 135290
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.2 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

Tgt Ion:165 Resp: 26679
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

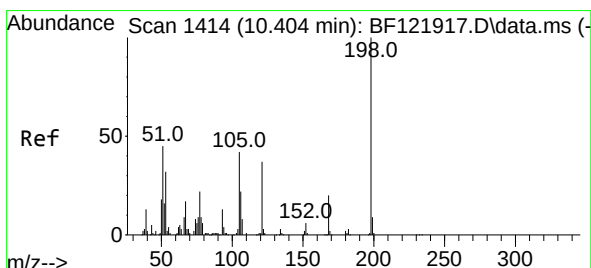
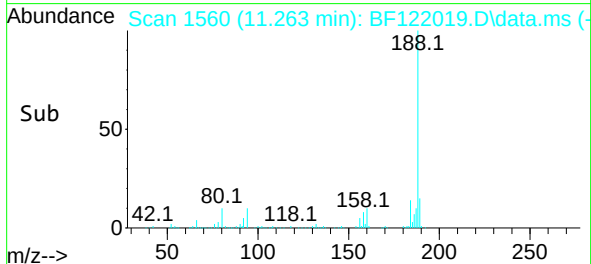
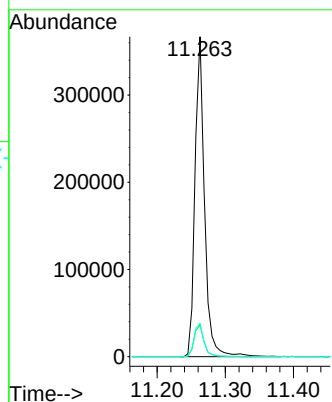
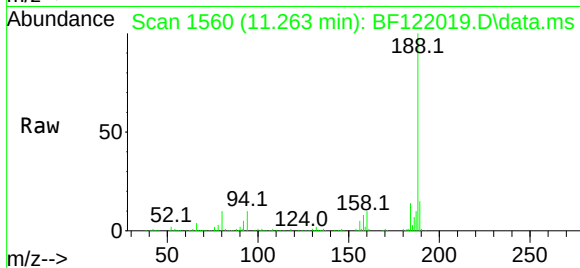




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

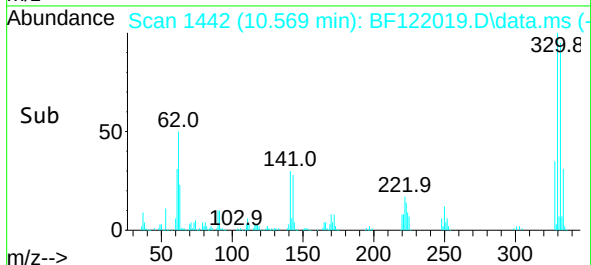
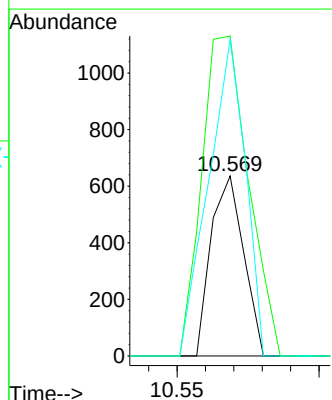
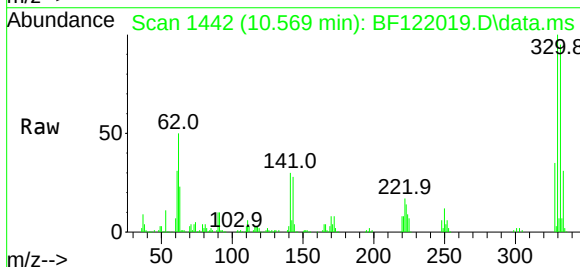
Instrument :
BNA_F
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JC-02-101420-B

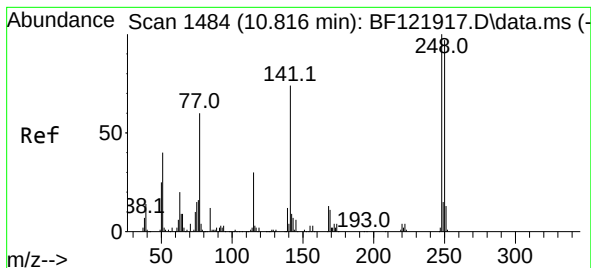
Tgt Ion:188 Resp: 353086
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

Tgt Ion:198 Resp: 505
Ion Ratio Lower Upper
198 100
51 177.8 29.6 69.6#
105 175.9 24.4 64.4#

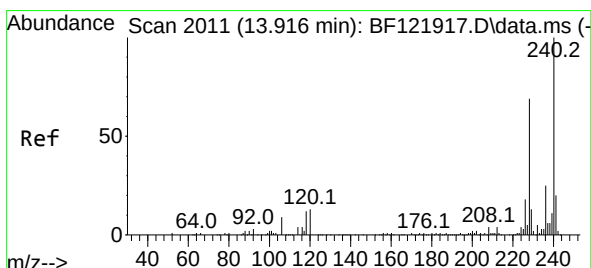
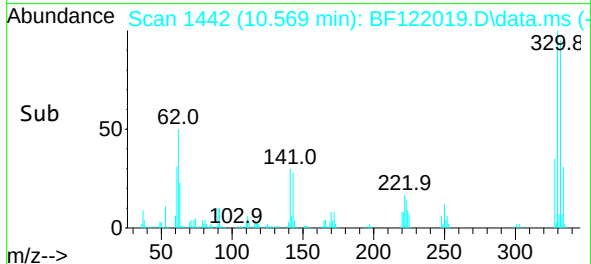
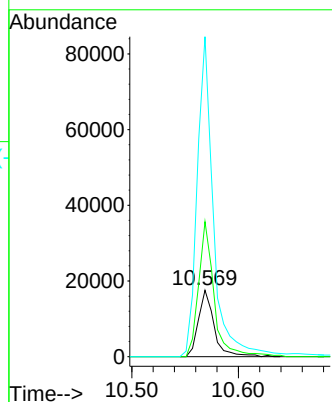
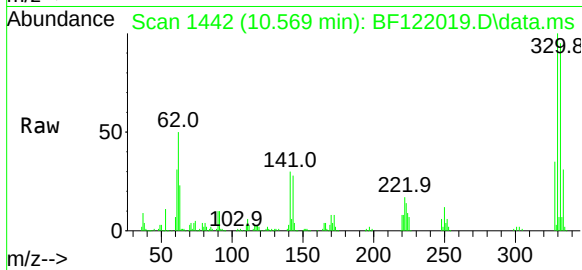




#67
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

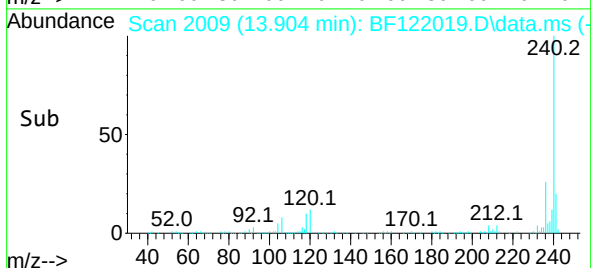
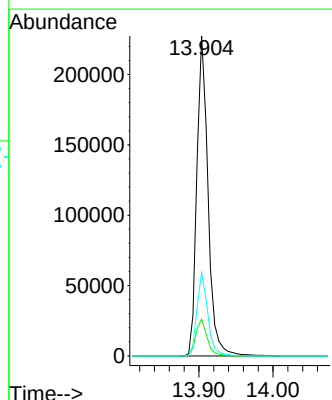
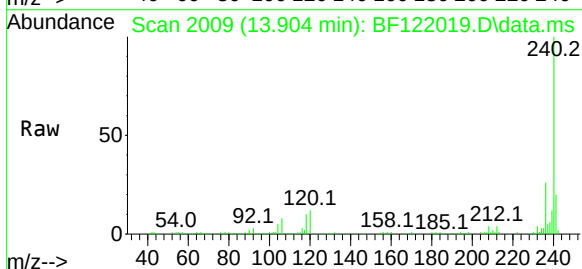
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

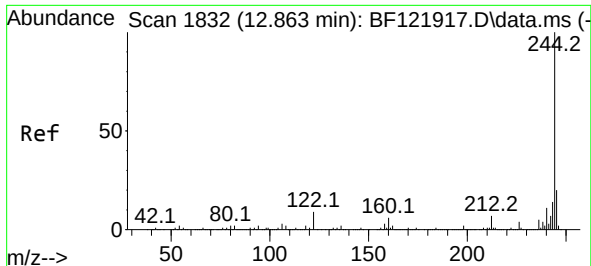
Tgt Ion:248 Resp: 18043
Ion Ratio Lower Upper
248 100
250 203.2 77.0 115.6#
141 481.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122019.D
Acq: 16 Oct 2020 19:22

Tgt Ion:240 Resp: 238994
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.1 20.9 31.3

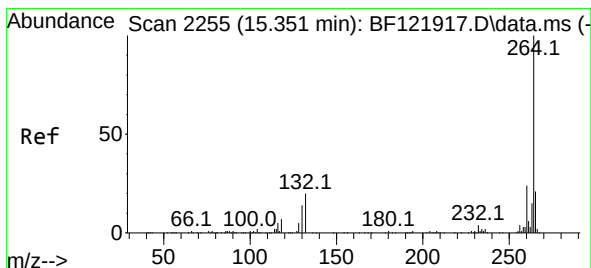
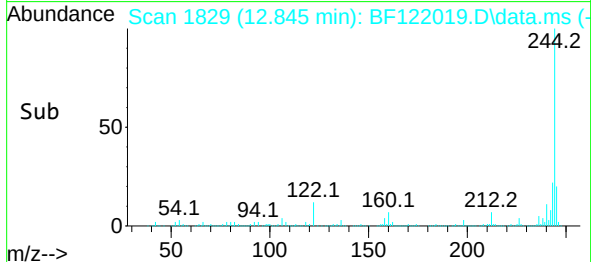
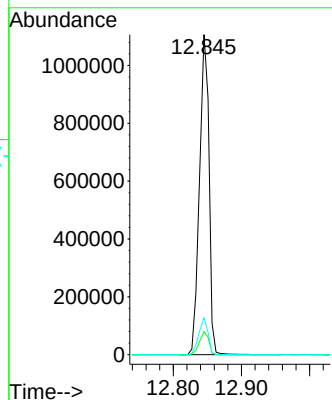
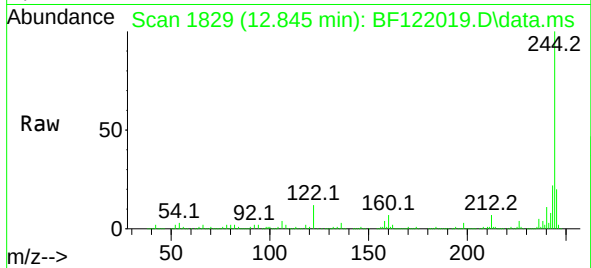




#79
 Terphenyl-d14
 Concen: 85.23 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF122019.D
 Acq: 16 Oct 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-101420-B

Tgt Ion:244 Resp: 1068863
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.5 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: BF122019.D
 Acq: 16 Oct 2020 19:22

Tgt Ion:264 Resp: 251847
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 20.7 17.3 25.9

