

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121924.D
 Acq On : 12 Oct 2020 18:15
 Operator : JU/CG
 Sample : SP5299
 Misc : 625 SURROGATE
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5299

Quant Time: Oct 13 00:30:42 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)

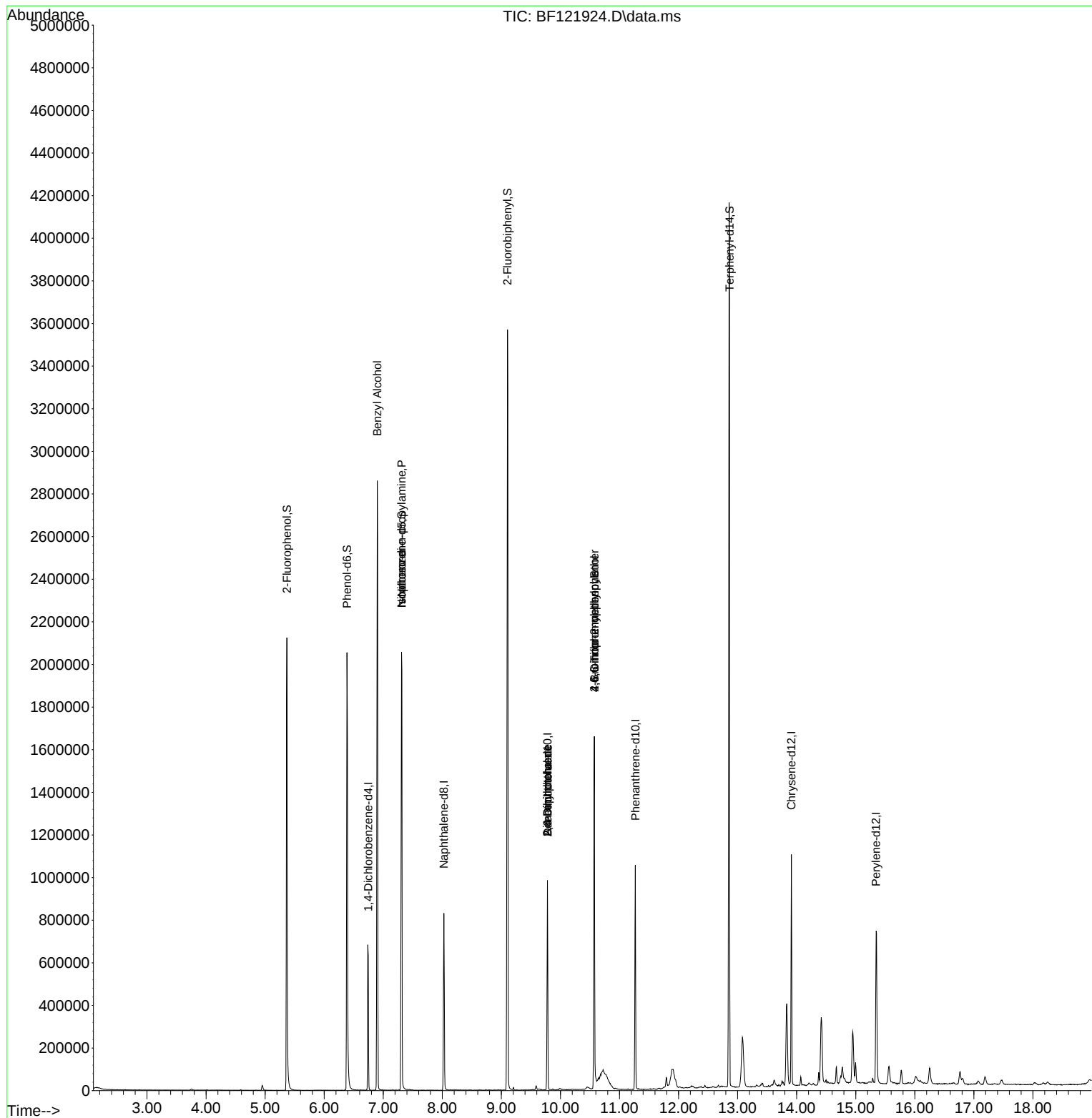
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	100737	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	384873	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	200135	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	382213	20.00	ng	0.00
76) Chrysene-d12	13.910	240	341529	20.00	ng	0.00
86) Perylene-d12	15.345	264	304145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	604637	88.59	ng	0.00
7) Phenol-d6	6.387	99	761182	86.63	ng	-0.01
23) Nitrobenzene-d5	7.310	82	810239	107.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	223283	90.19	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1387744	102.02	ng	0.00
79) Terphenyl-d14	12.863	244	1714161	95.65	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	1068	Below Cal	#	3
15) Benzyl Alcohol	6.898	79	12878	2.27	ng	# 47
19) n-Nitroso-di-n-propyla...	7.310	70	109622	21.91	ng	# 78
25) Isophorone	7.310	82	803615	56.63	ng	# 67
50) Dimethylphthalate	9.780	163	40918	2.80	ng	# 1
51) 2,6-Dinitrotoluene	9.780	165	25243	7.86	ng	# 20
57) 2,4-Dinitrotoluene	9.780	165	25243	6.39	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.574	198	350	4.56	ng	# 1
67) 4-Bromophenyl-phenylether	10.574	248	12958	2.93	ng	# 1

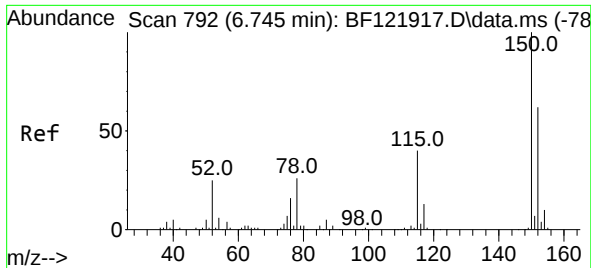
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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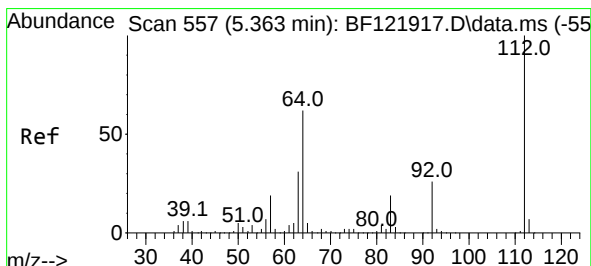
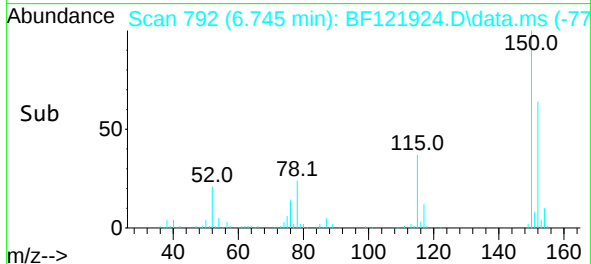
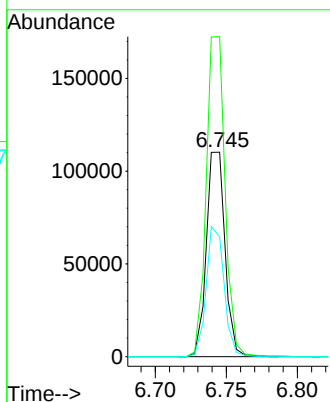
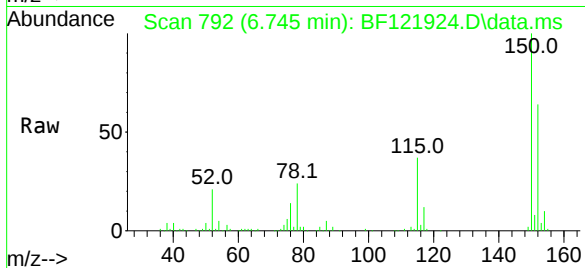




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.745 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF121924.D
 Acq: 12 Oct 2020 18:15

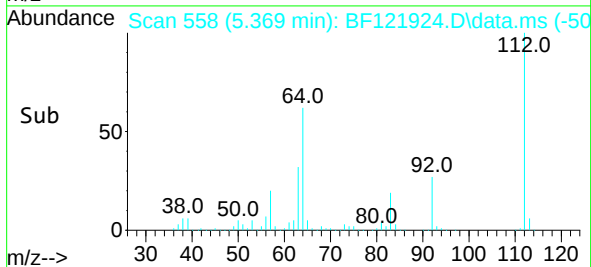
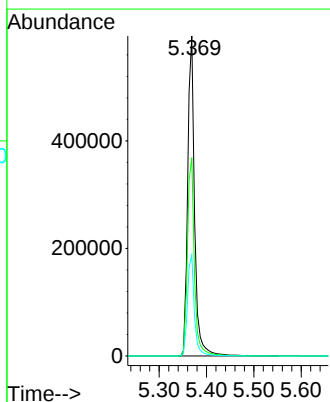
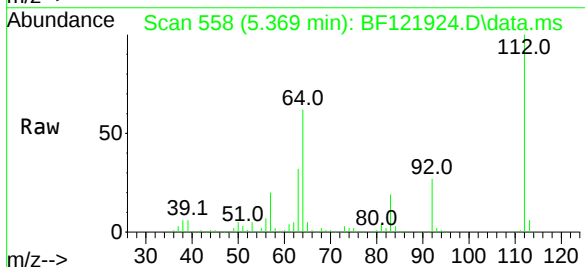
Instrument :
 BNA_F
 ClientSampleId :
 SP5299

Tgt Ion:152 Resp: 100737
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.3 187.9
 115 58.6 51.9 77.9



#5
 2-Fluorophenol
 Concen: 88.59 ng
 RT: 5.369 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: BF121924.D
 Acq: 12 Oct 2020 18:15

Tgt Ion:112 Resp: 604637
 Ion Ratio Lower Upper
 112 100
 64 61.9 50.4 75.6
 63 31.5 25.8 38.6

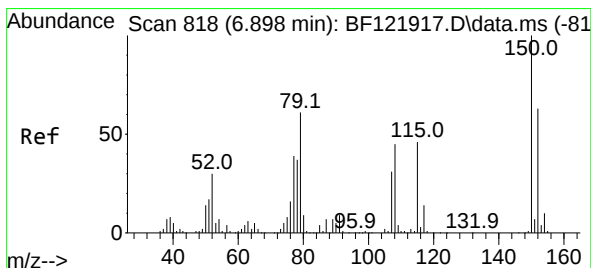
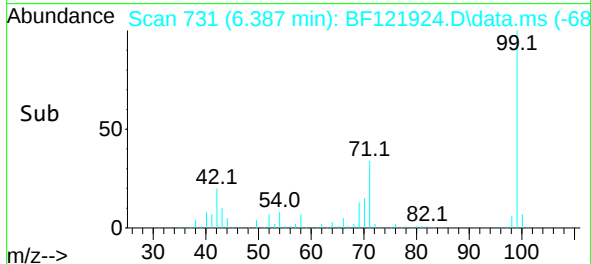
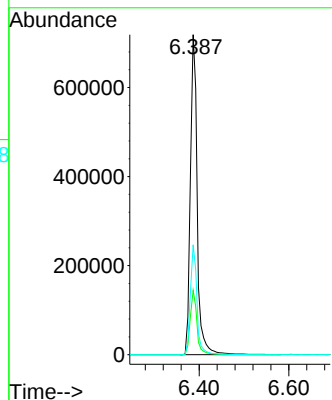
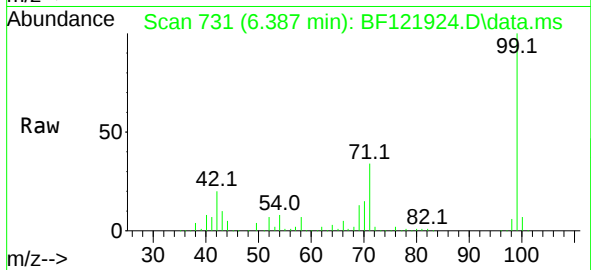




#7
Phenol-d6
Concen: 86.63 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

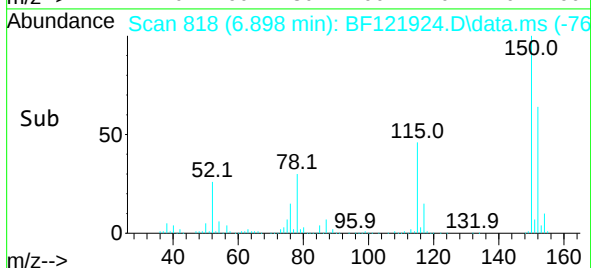
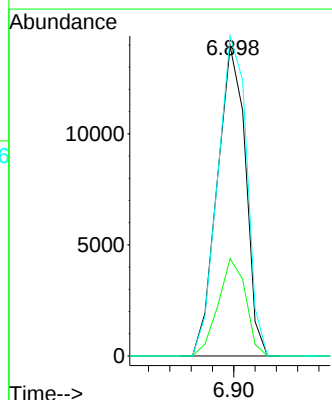
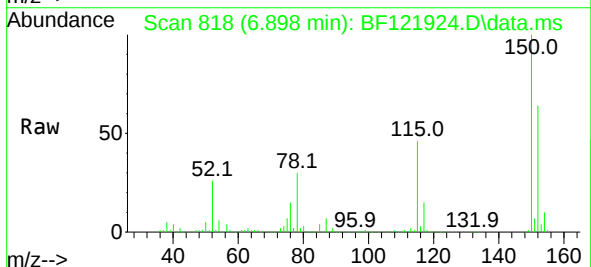
Instrument :
BNA_F
ClientSampleId :
SP5299

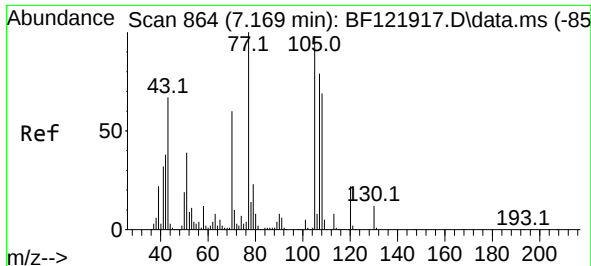
Tgt Ion: 99 Resp: 761182
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 34.3 27.1 40.7



#15
Benzyl Alcohol
Concen: 2.27 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

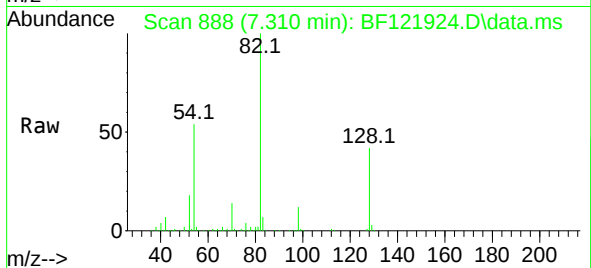
Tgt Ion: 79 Resp: 12878
Ion Ratio Lower Upper
79 100
108 31.5 62.3 93.5#
77 103.2 50.6 75.8#



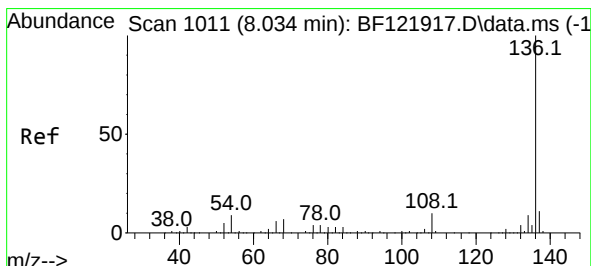
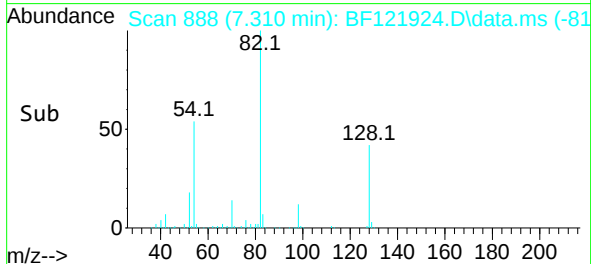
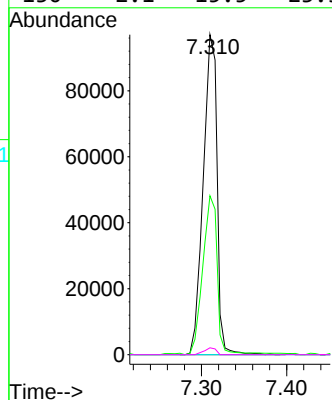


#19
n-Nitroso-di-n-propylamine
Concen: 21.91 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Instrument :
BNA_F
ClientSampleId :
SP5299

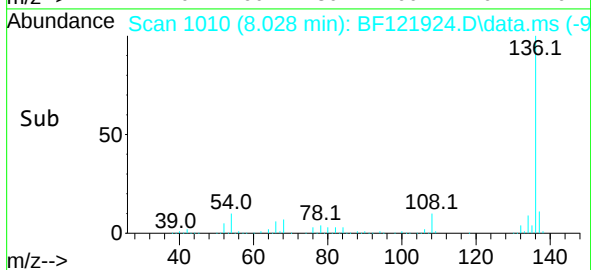
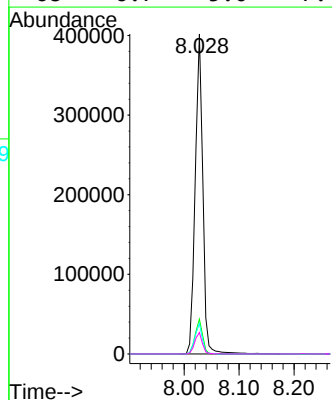
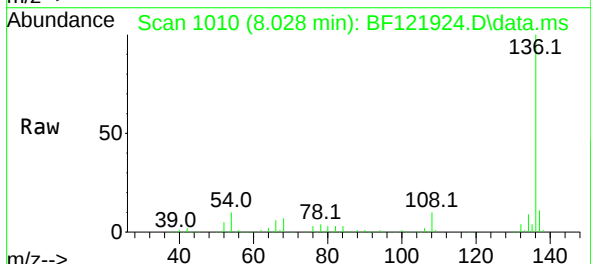


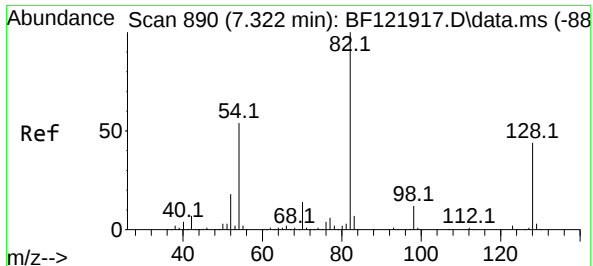
Tgt Ion: 70 Resp: 109622
Ion Ratio Lower Upper
70 100
42 49.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Tgt Ion: 136 Resp: 384873
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 7.1 10.7
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 107.97 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF121924.D

Acq: 12 Oct 2020 18:15

Tgt Ion: 82 Resp: 810239

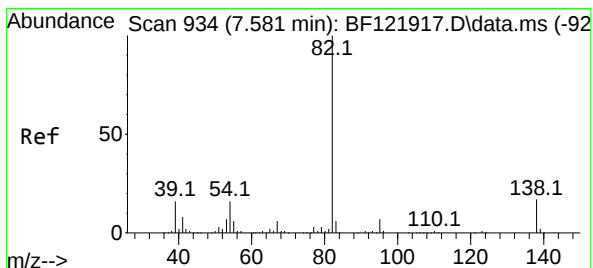
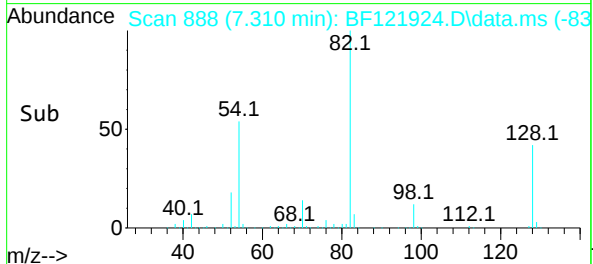
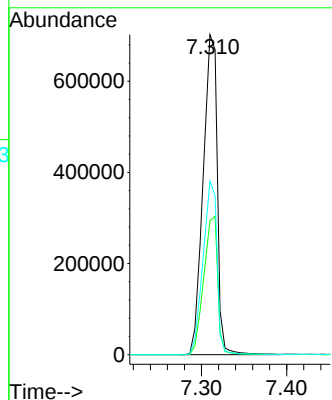
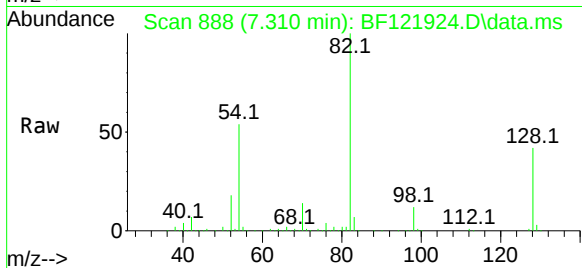
Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.4
54	54.1	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

SP5299



#25

Isophorone

Concen: 56.63 ng

RT: 7.310 min Scan# 888

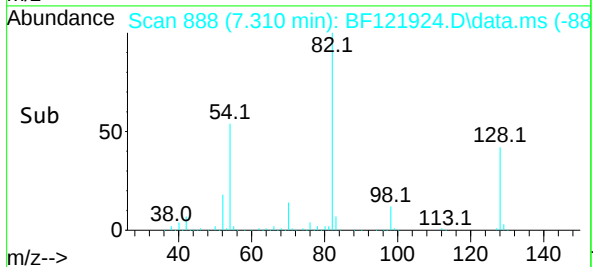
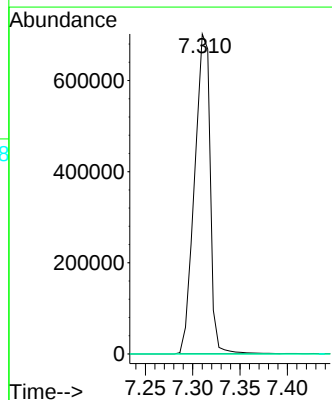
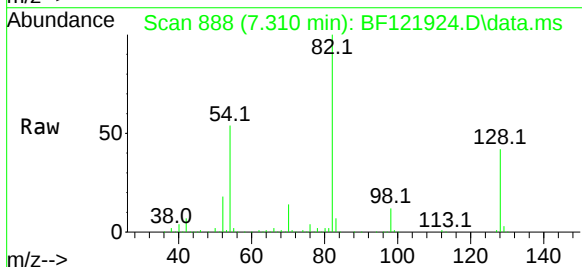
Delta R.T. -0.271 min

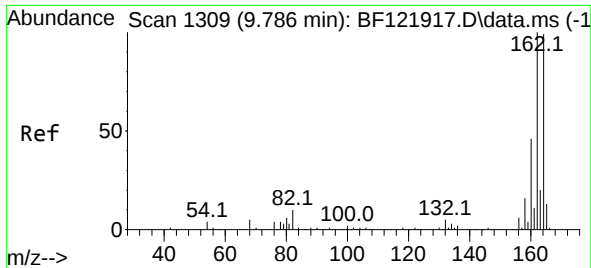
Lab File: BF121924.D

Acq: 12 Oct 2020 18:15

Tgt Ion: 82 Resp: 803615

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

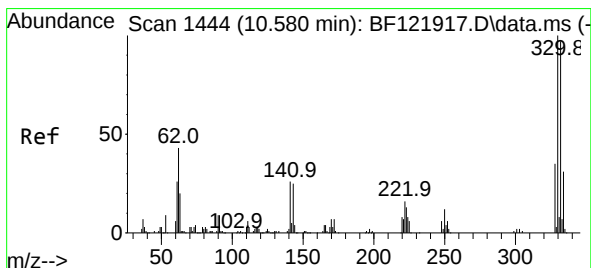
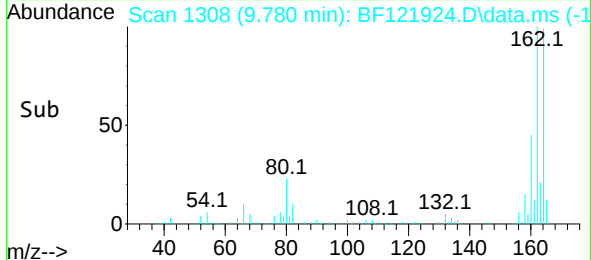
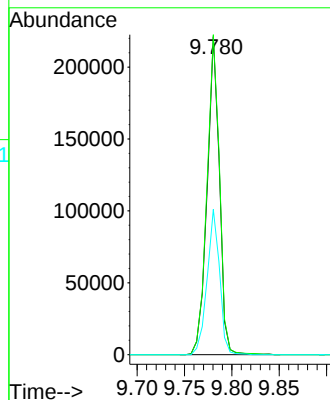
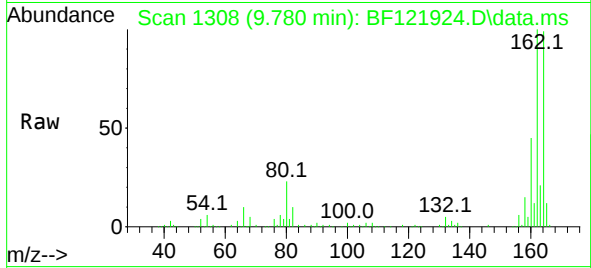




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

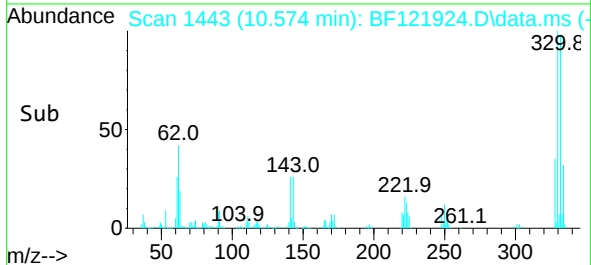
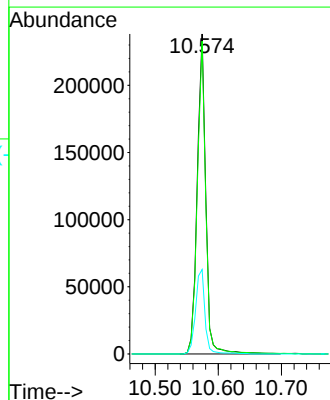
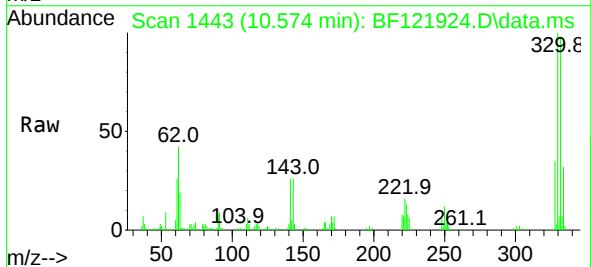
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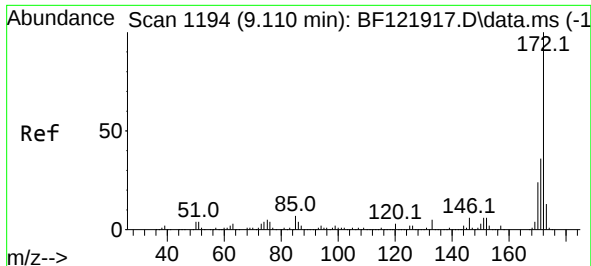
Tgt Ion:164 Resp: 200135
Ion Ratio Lower Upper
164 100
162 100.6 83.2 124.8
160 45.7 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 90.19 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Tgt Ion:330 Resp: 223283
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 29.2 22.3 33.5

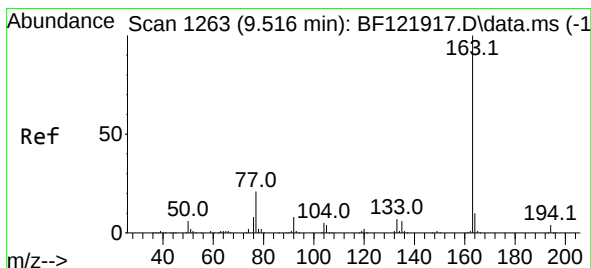
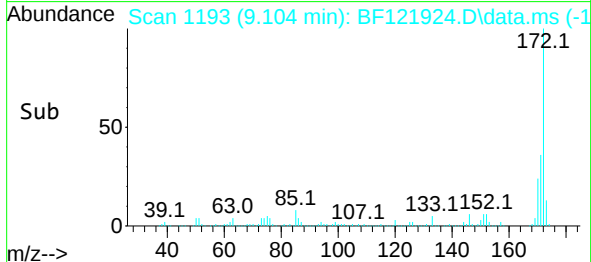
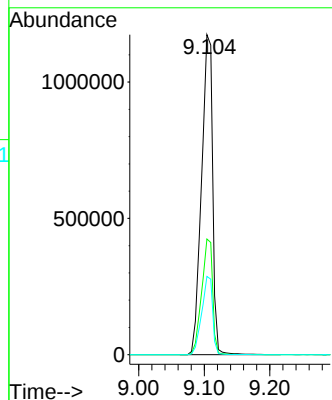
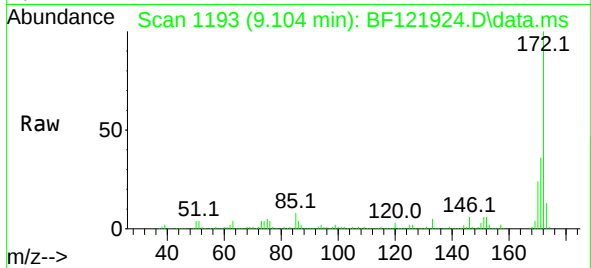




#45
2-Fluorobiphenyl
Concen: 102.02 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

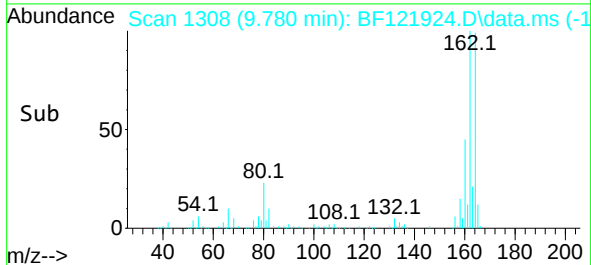
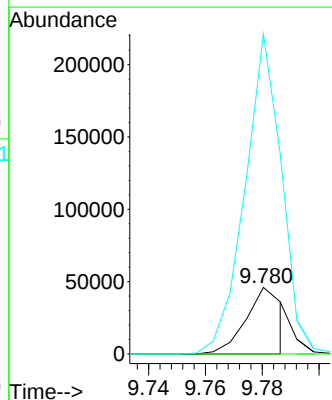
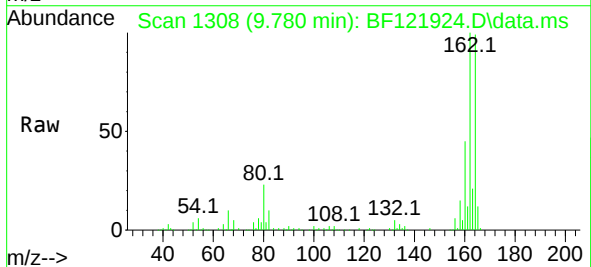
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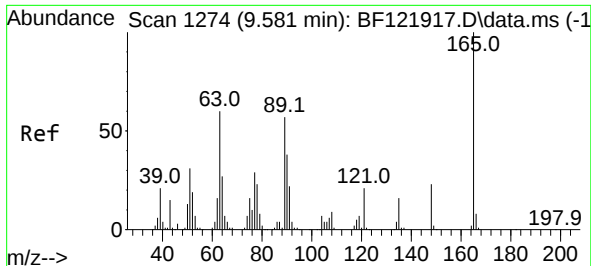
Tgt Ion:172 Resp: 1387744
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.5 19.8 29.6



#50
Dimethylphthalate
Concen: 2.80 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.265 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Tgt Ion:163 Resp: 40918
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 481.1 8.2 12.4#

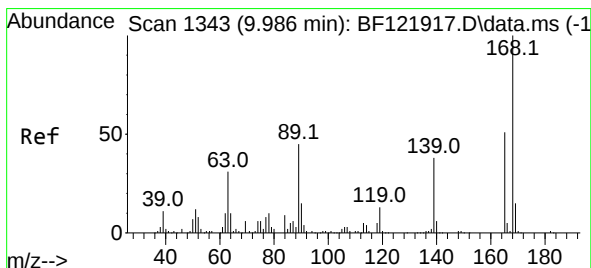
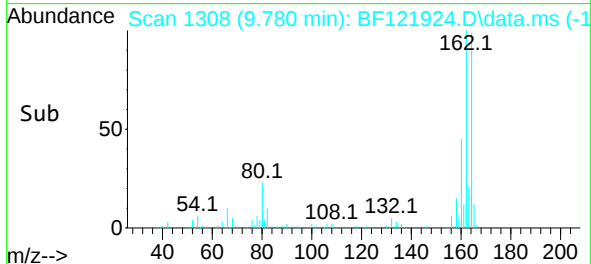
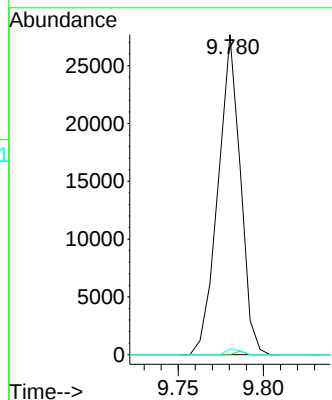
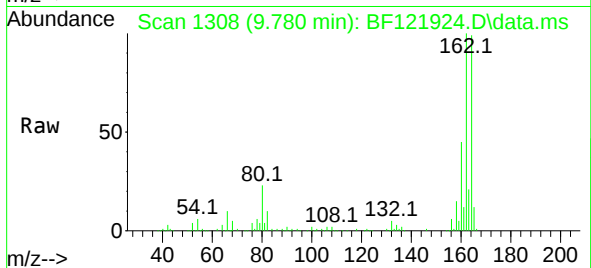




#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.200 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

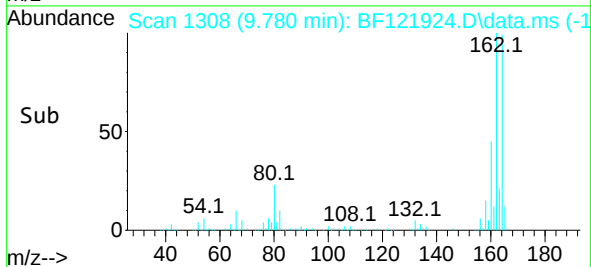
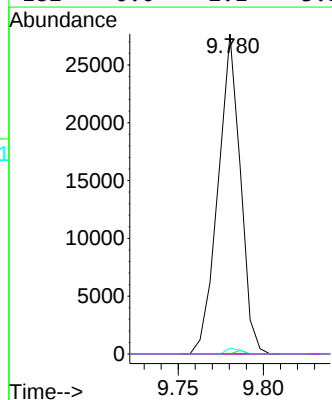
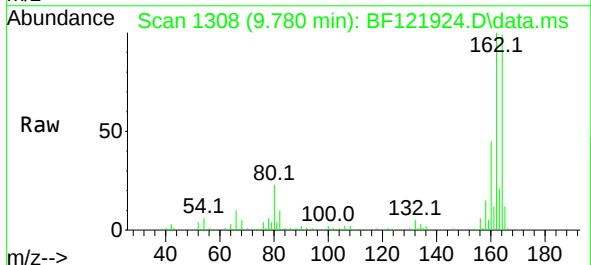
Instrument :
BNA_F
ClientSampled :
SP5299

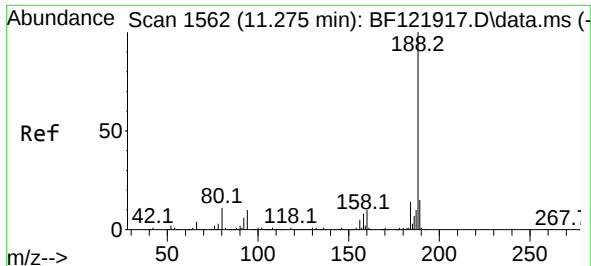
Tgt Ion:165 Resp: 25243
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 1.8 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Tgt Ion:165 Resp: 25243
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#

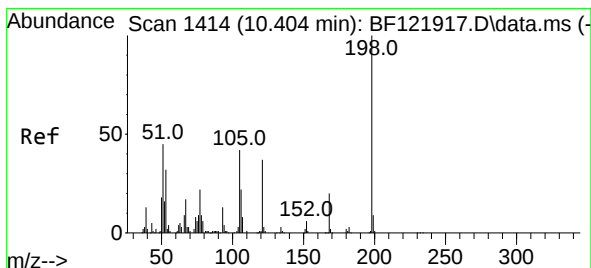
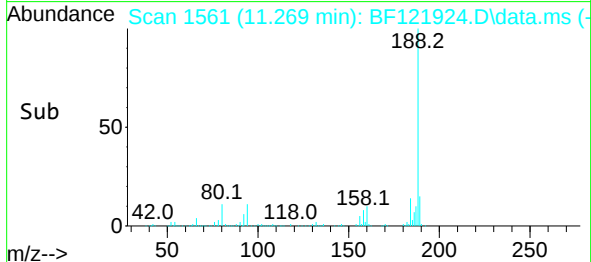
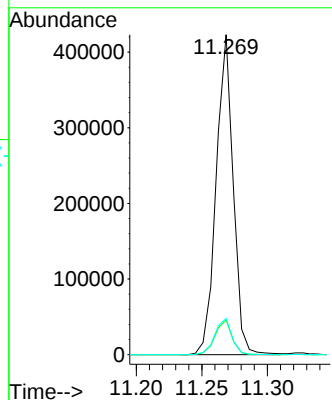
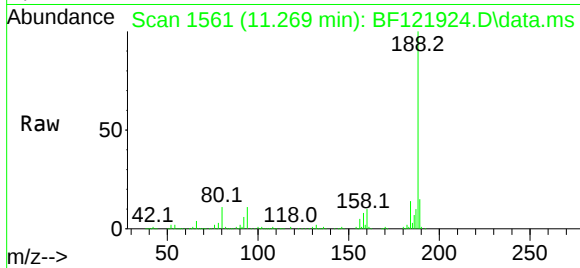




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

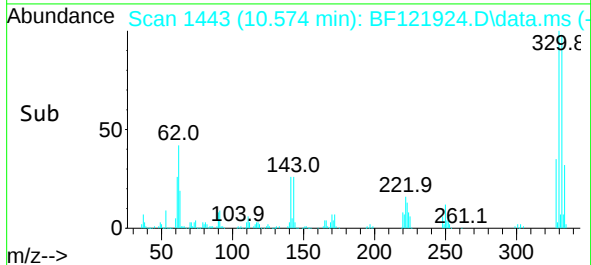
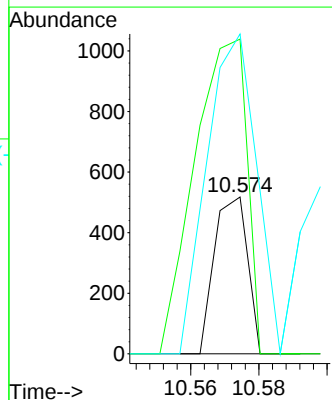
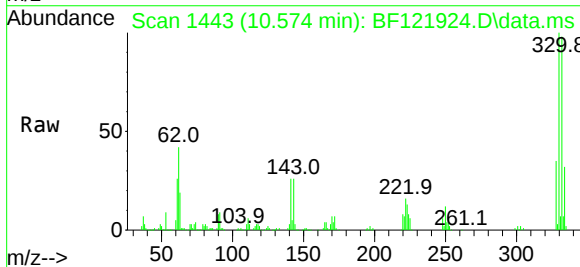
Instrument :
BNA_F
ClientSampleId :
SP5299

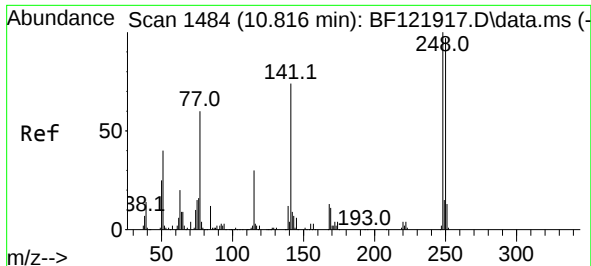
Tgt Ion:188 Resp: 382213
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.170 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Tgt Ion:198 Resp: 350
Ion Ratio Lower Upper
198 100
51 200.6 29.6 69.6#
105 203.9 24.4 64.4#

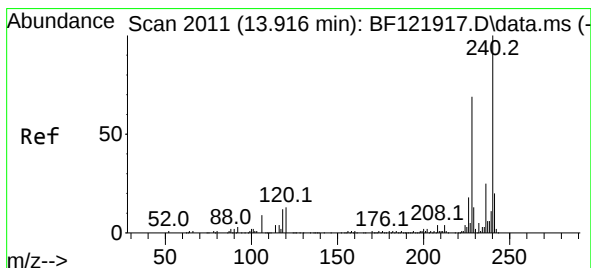
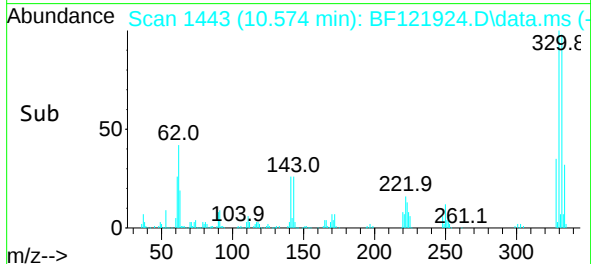
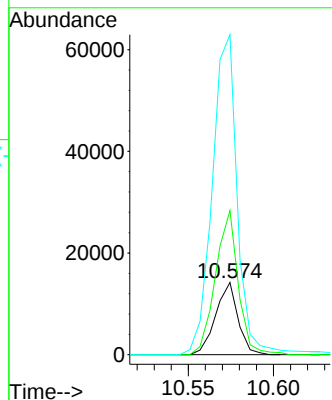
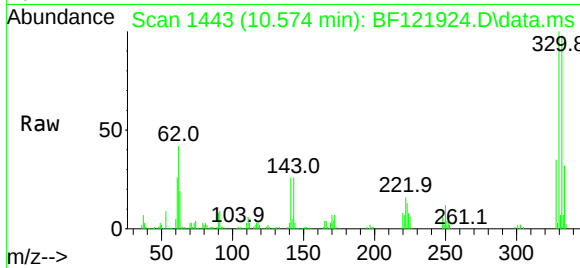




#67
4-Bromophenyl-phenylether
Concen: 2.93 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

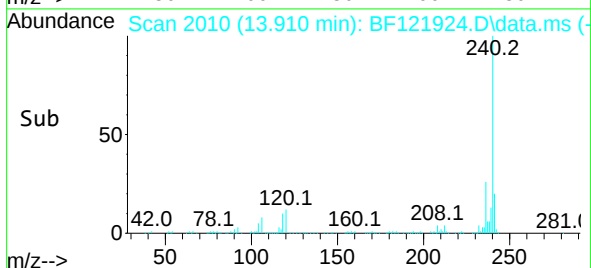
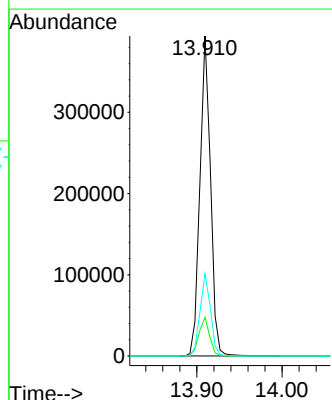
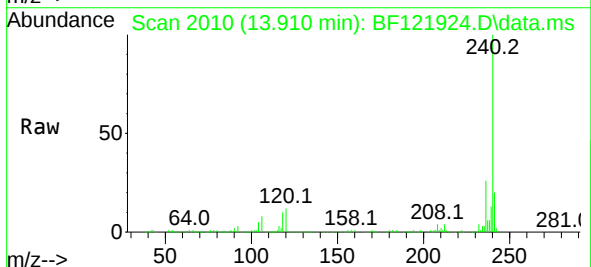
Instrument :
BNA_F
ClientSampled :
SP5299

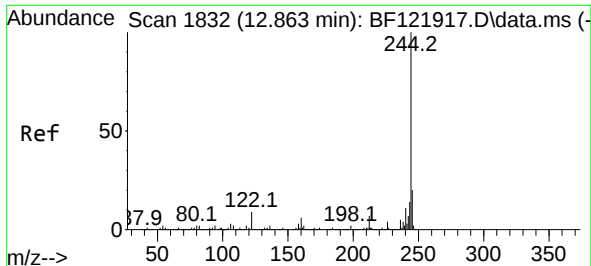
Tgt Ion:248 Resp: 12958
Ion Ratio Lower Upper
248 100
250 199.9 77.0 115.6#
141 443.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Tgt Ion:240 Resp: 341529
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.7 20.9 31.3

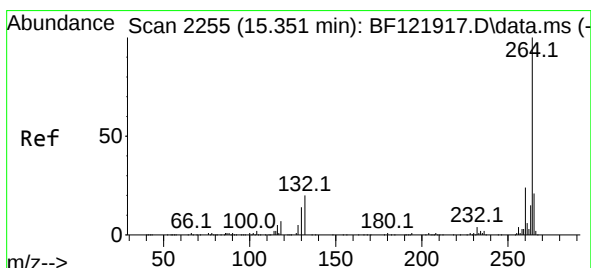
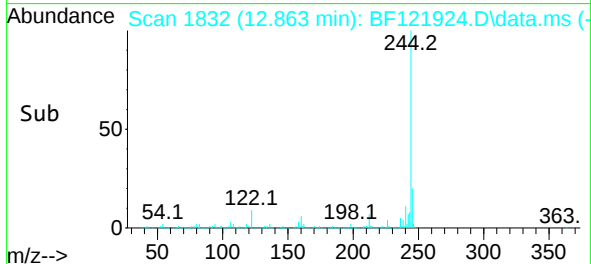
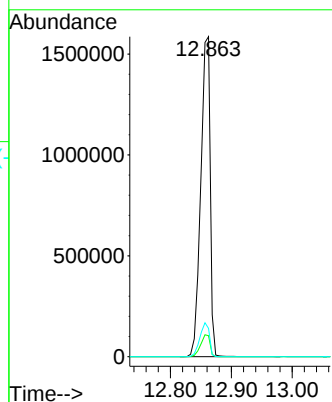
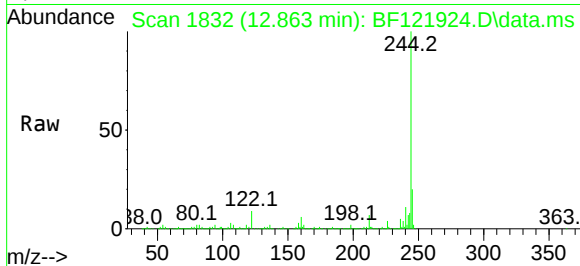




#79
Terphenyl-d14
Concen: 95.65 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF121924.D
Acq: 12 Oct 2020 18:15

Instrument :
BNA_F
ClientSampleId :
SP5299

Tgt Ion:244 Resp: 1714161
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 8.9 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: BF121924.D
Acq: 12 Oct 2020 18:15

Tgt Ion:264 Resp: 304145
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.3 17.3 25.9

