

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121945.D
 Acq On : 13 Oct 2020 18:47
 Operator : JU/CG
 Sample : L4333-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OH-WC-C-G2

Quant Time: Oct 14 02:07:13 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)

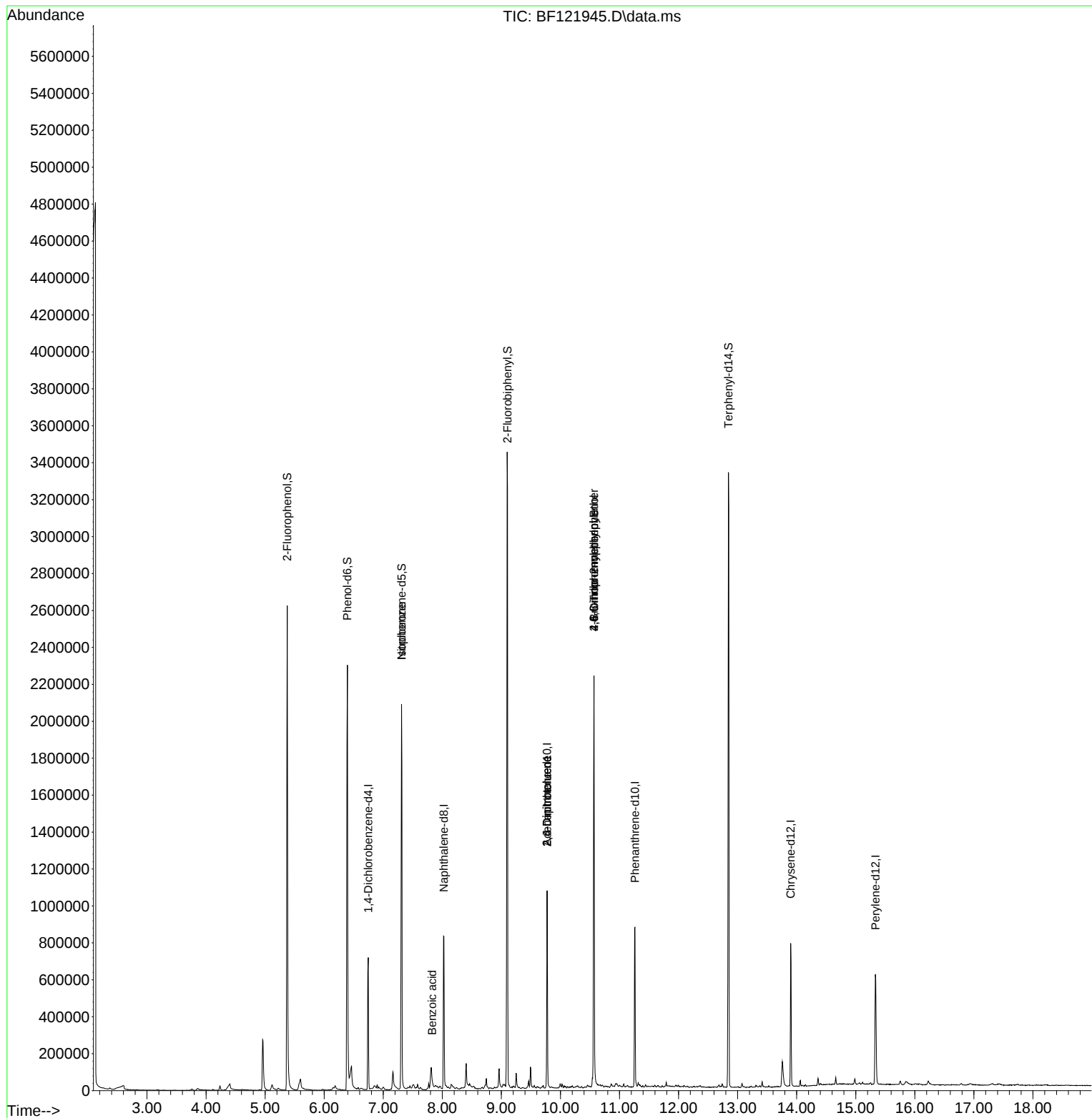
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	104679	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	396341	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	194622	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	333231	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	266409	20.00	ng	-0.02
86) Perylene-d12	15.333	264	272130	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	757304	106.78	ng	0.01
7) Phenol-d6	6.393	99	817090	89.49	ng	0.00
23) Nitrobenzene-d5	7.310	82	740780	95.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	294610	122.37	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1184094	89.52	ng	0.00
79) Terphenyl-d14	12.845	244	1148862	82.18	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.310	77	442	Below Cal		Qvalue 91
25) Isophorone	7.310	82	735054	50.30	ng	# 67
32) Benzoic acid	7.828	122	12149	10.44	ng	# 88
51) 2,6-Dinitrotoluene	9.775	165	25170	8.06	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	25170	6.55	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.569	198	411	4.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	17112	4.44	ng	# 1

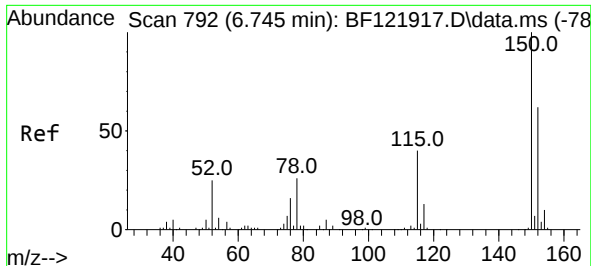
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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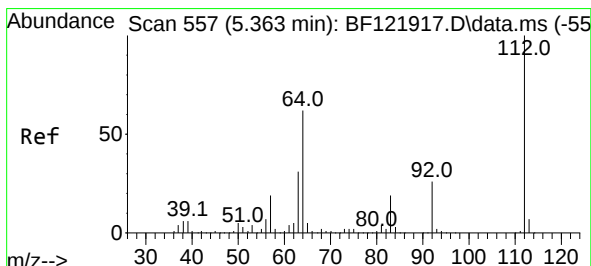
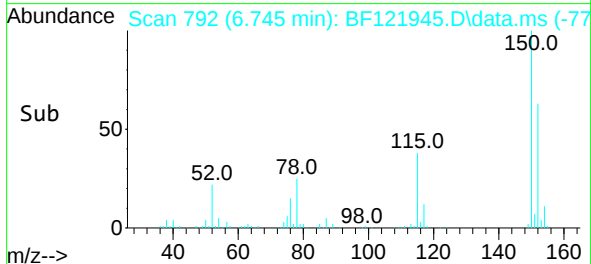
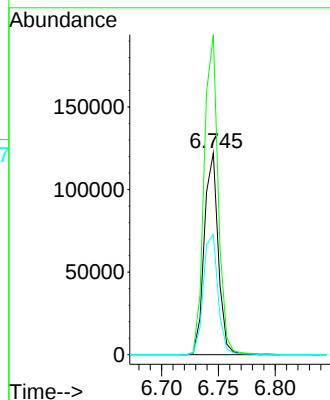
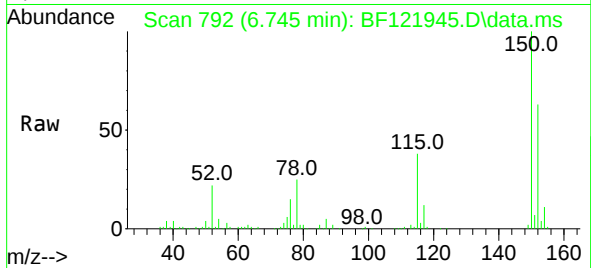




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

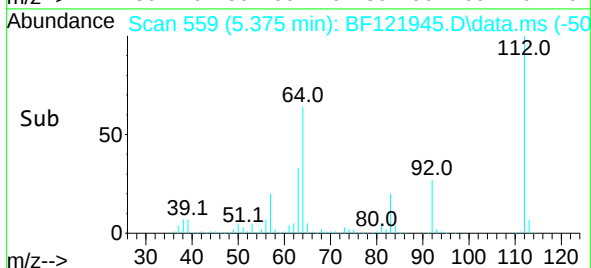
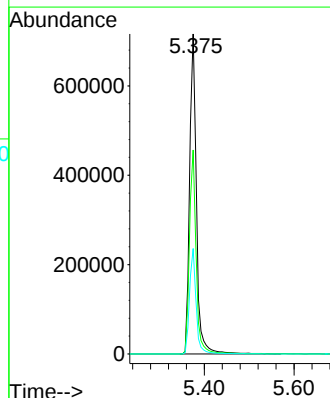
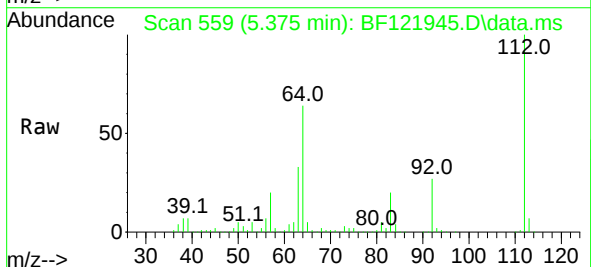
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-G2

Tgt Ion:152 Resp: 104679
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 59.5 51.9 77.9



#5
2-Fluorophenol
Concen: 106.78 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

Tgt Ion:112 Resp: 757304
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 32.9 25.8 38.6

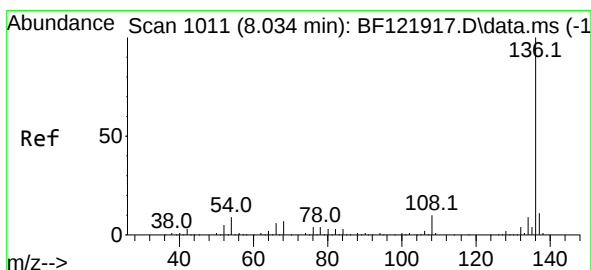
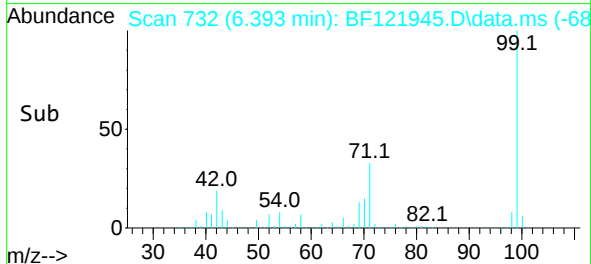
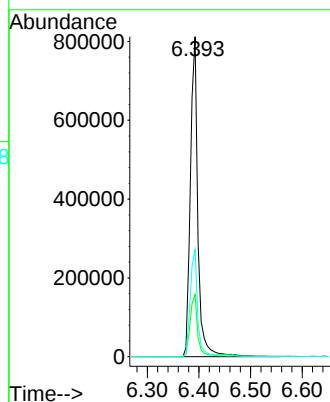
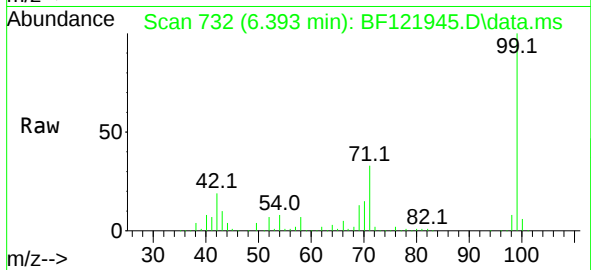




#7
Phenol-d6
Concen: 89.49 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

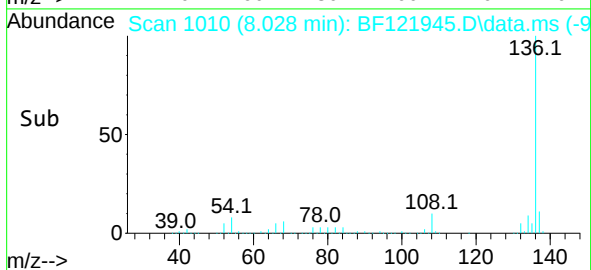
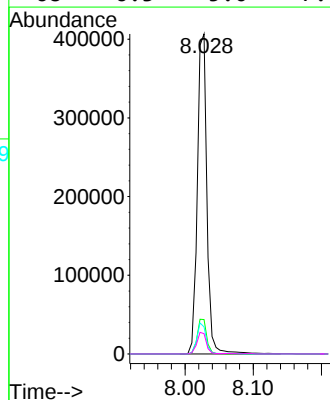
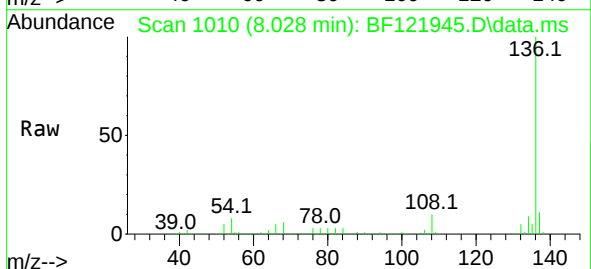
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-G2

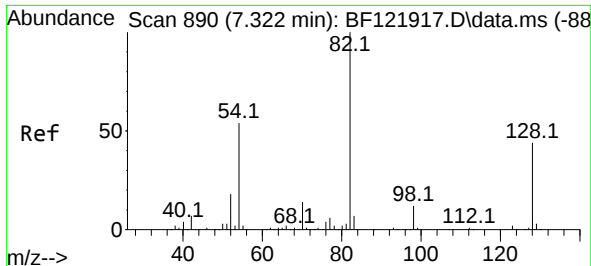
Tgt Ion: 99 Resp: 817090
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 33.4 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

Tgt Ion: 136 Resp: 396341
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.1 10.7
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.85 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF121945.D

Acq: 13 Oct 2020 18:47

Tgt Ion: 82 Resp: 740780

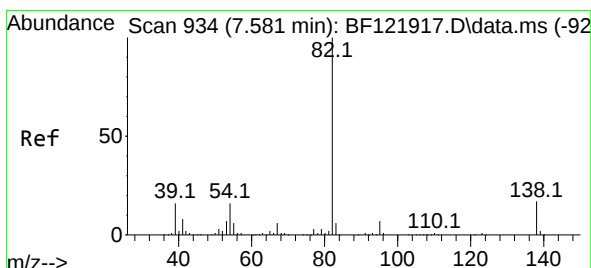
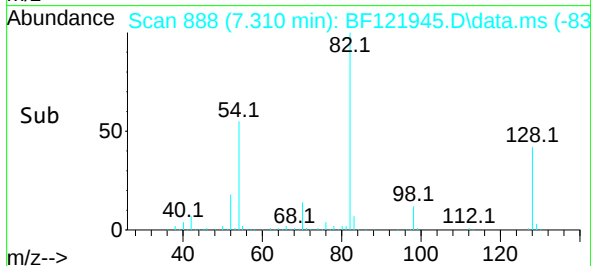
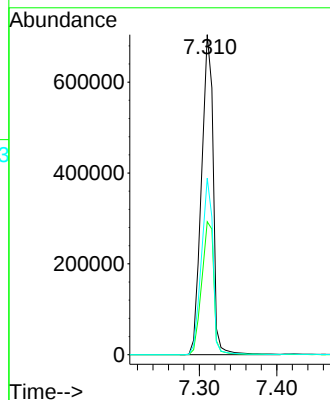
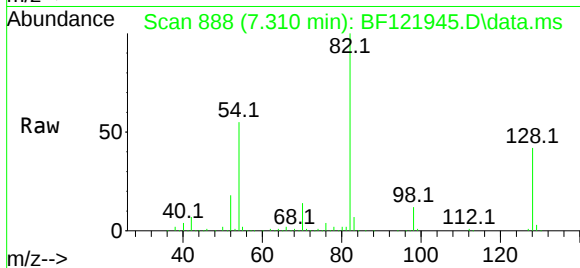
Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	55.1	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

OH-WC-C-G2



#25

Isophorone

Concen: 50.30 ng

RT: 7.310 min Scan# 888

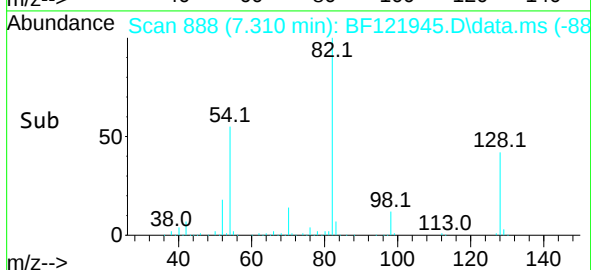
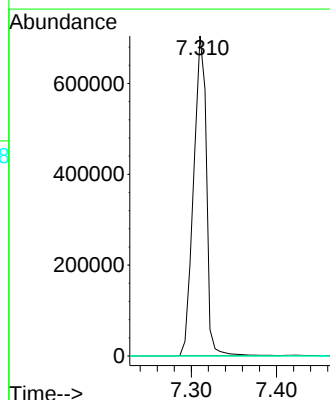
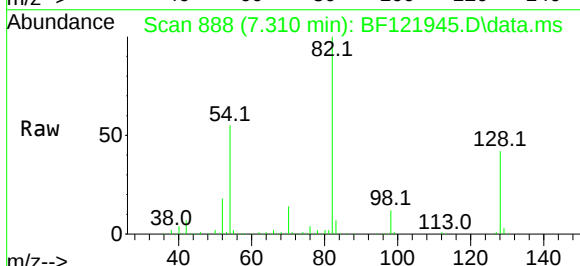
Delta R.T. -0.271 min

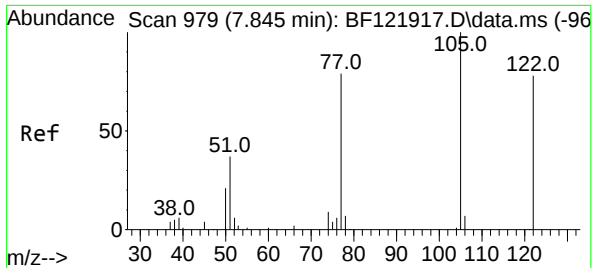
Lab File: BF121945.D

Acq: 13 Oct 2020 18:47

Tgt Ion: 82 Resp: 735054

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

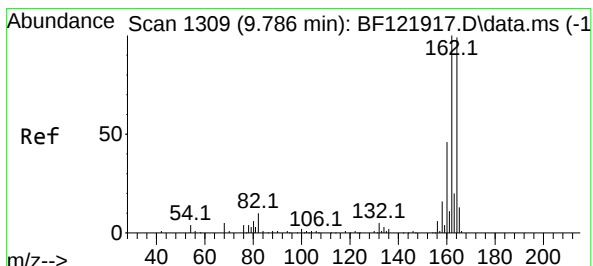
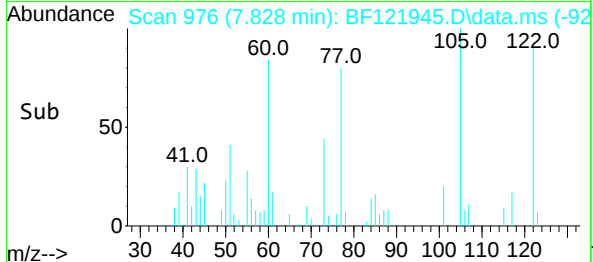
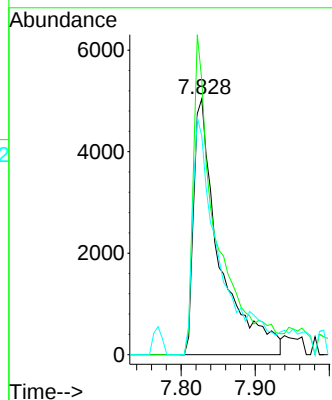
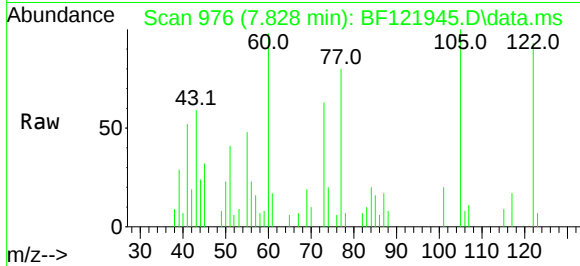




#32
Benzoic acid
Concen: 10.44 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.017 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

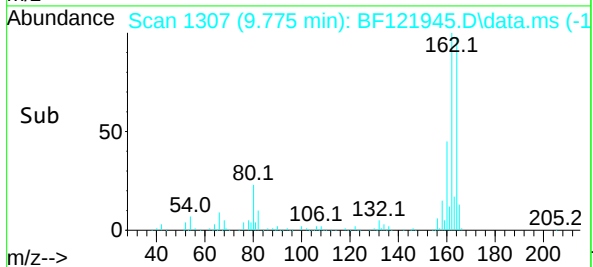
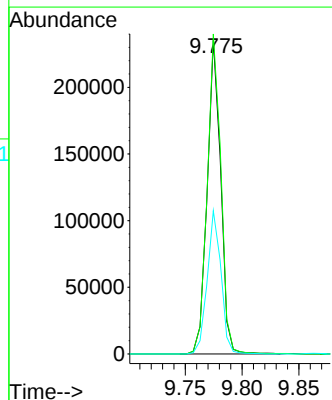
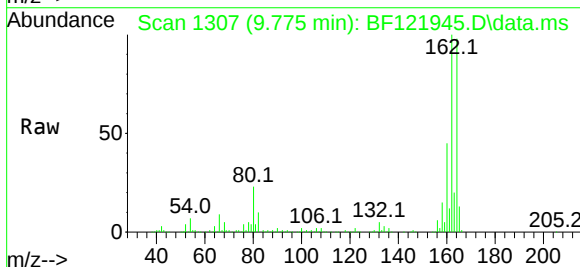
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-G2

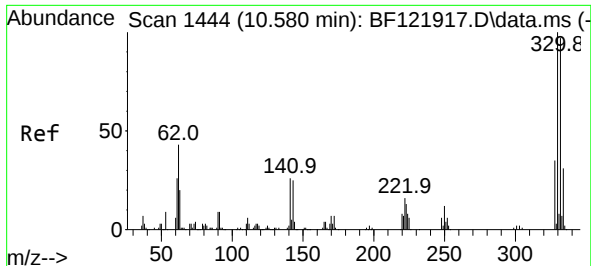
Tgt Ion:	122	Resp:	12149
Ion	Ratio	Lower	Upper
122	100		
105	107.1	103.3	143.3
77	85.4	73.9	113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

Tgt Ion:	164	Resp:	194622
Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.2	124.8
160	45.6	37.5	56.3

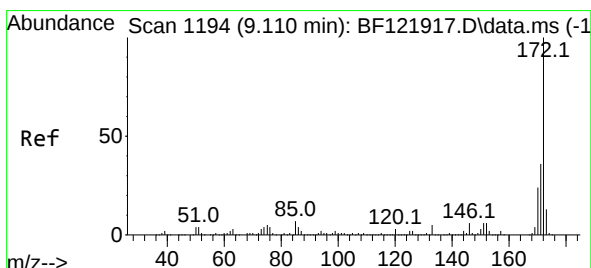
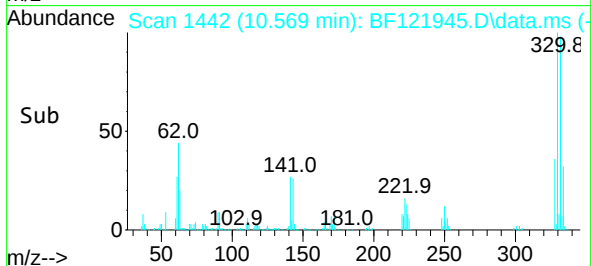
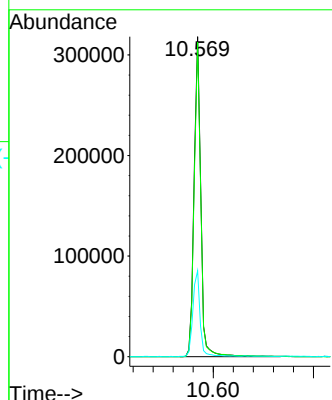
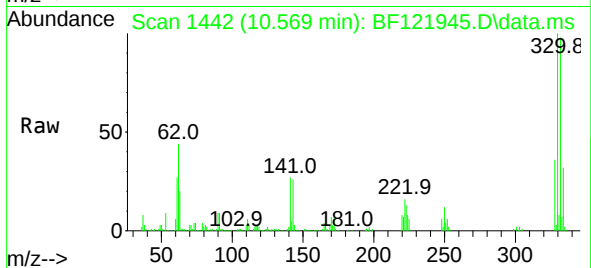




#42
2,4,6-Tribromophenol
Concen: 122.37 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

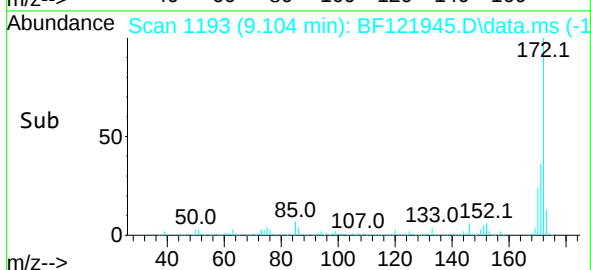
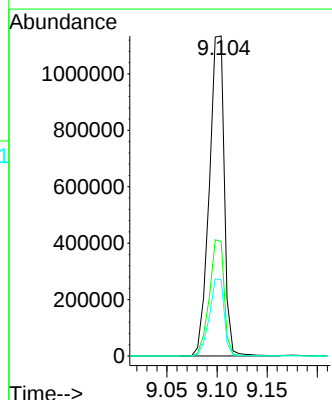
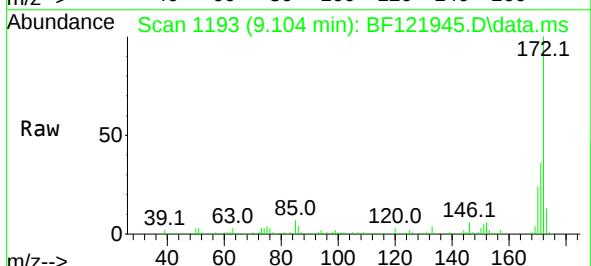
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-G2

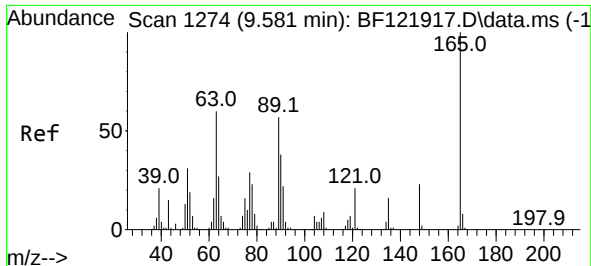
Tgt Ion:330 Resp: 294610
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 29.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 89.52 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

Tgt Ion:172 Resp: 1184094
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.8 19.8 29.6

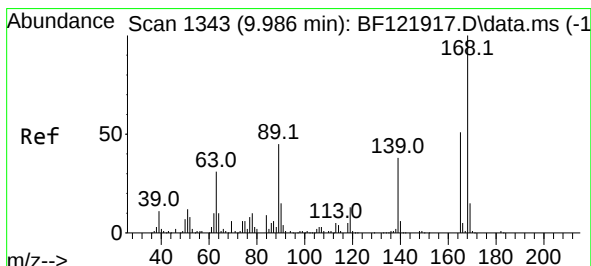
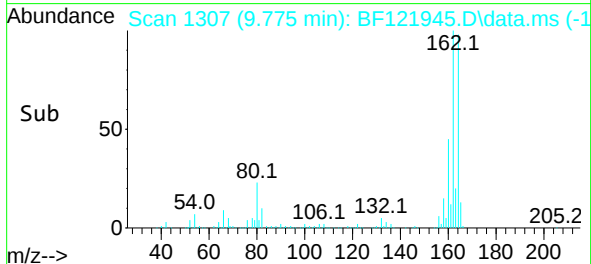
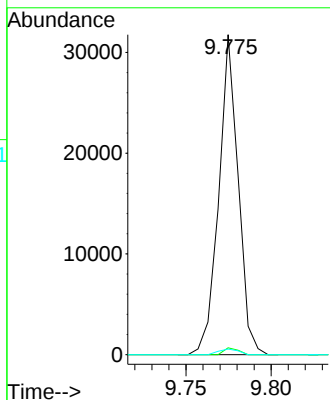
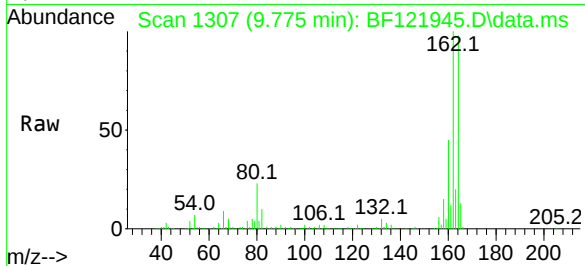




#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

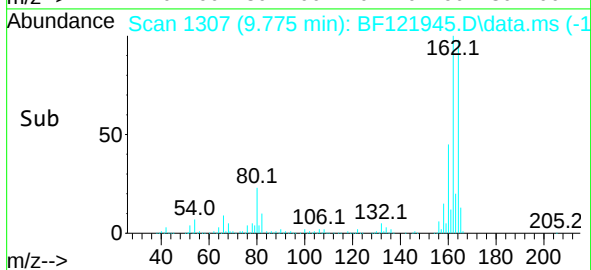
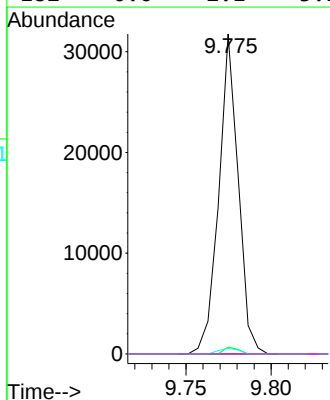
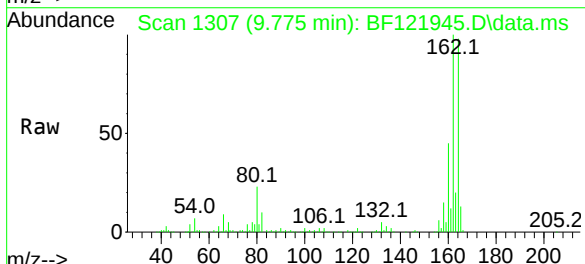
Instrument :
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ClientSampleId :
OH-WC-C-G2

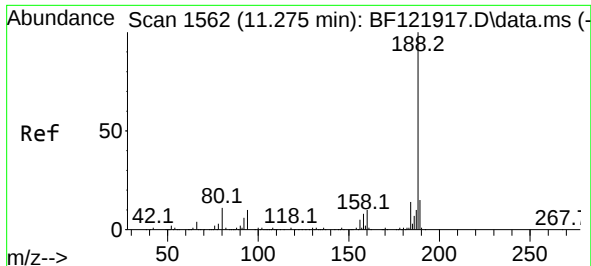
Tgt Ion:165 Resp: 25170
Ion Ratio Lower Upper
165 100
63 2.2 51.8 77.6#
89 1.7 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

Tgt Ion:165 Resp: 25170
Ion Ratio Lower Upper
165 100
63 2.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

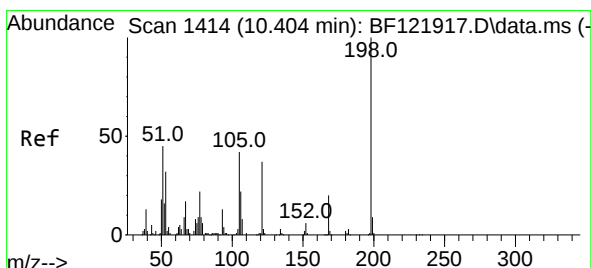
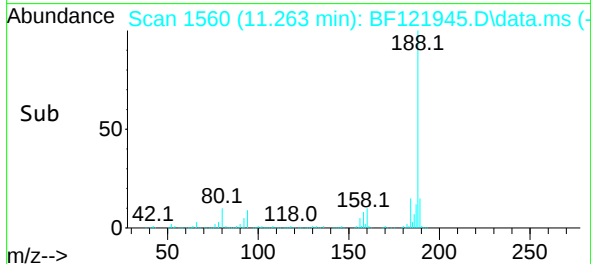
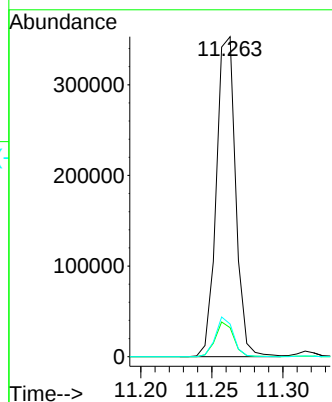
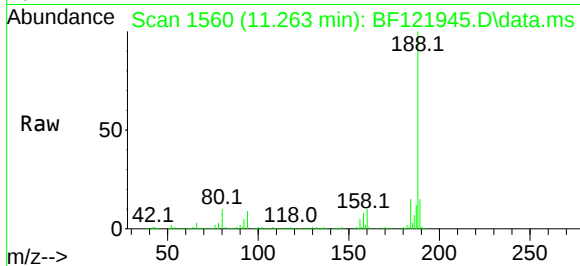




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

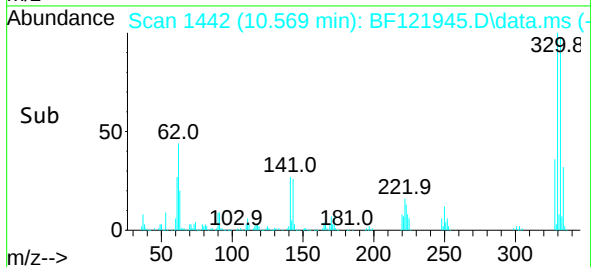
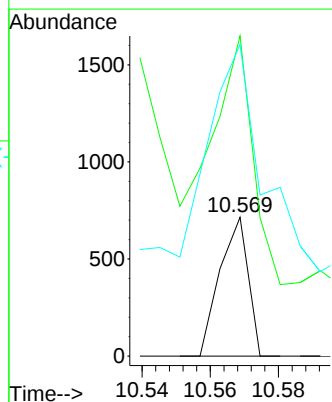
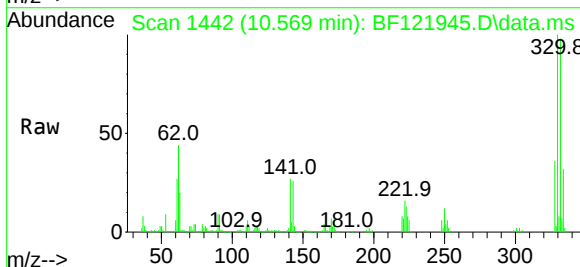
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-G2

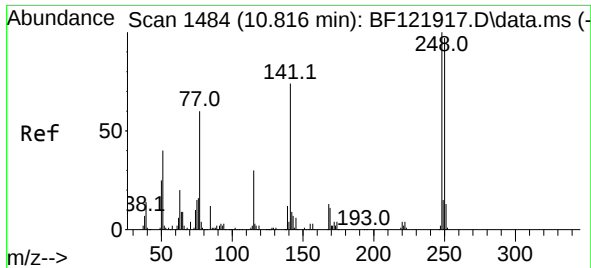
Tgt Ion:188 Resp: 333231
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 10.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

Tgt Ion:198 Resp: 411
Ion Ratio Lower Upper
198 100
51 230.6 29.6 69.6#
105 224.5 24.4 64.4#

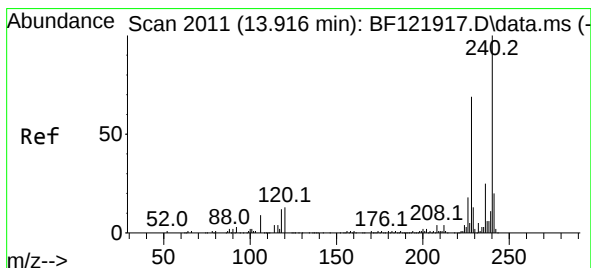
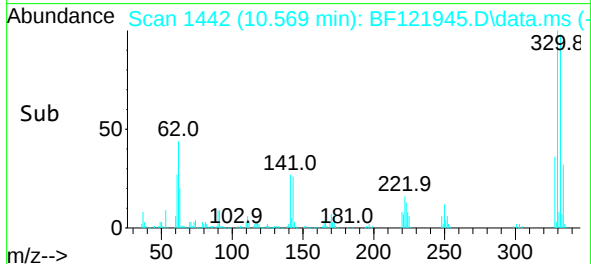
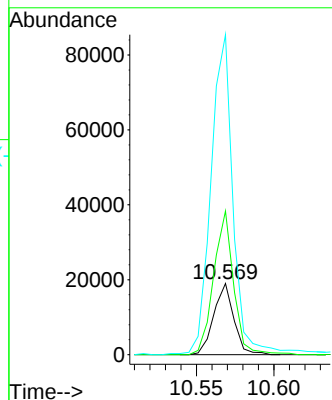
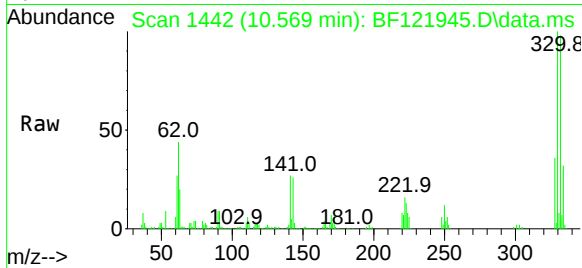




#67
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

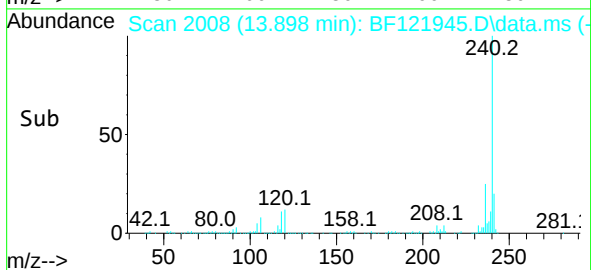
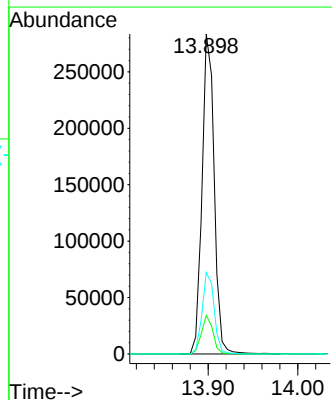
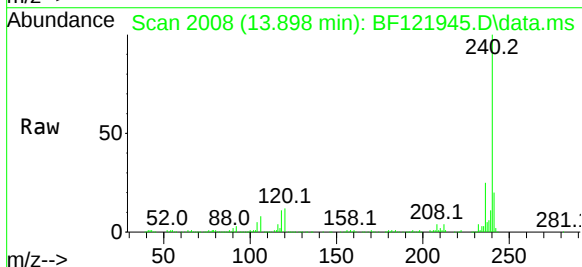
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-G2

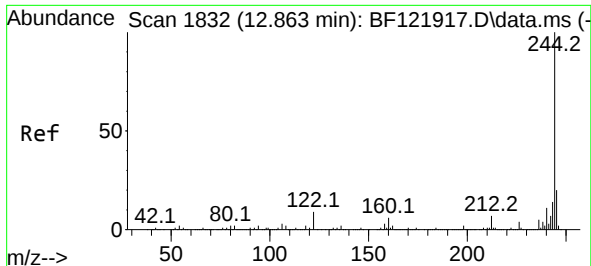
Tgt Ion:248 Resp: 17112
Ion Ratio Lower Upper
248 100
250 201.9 77.0 115.6#
141 449.6 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121945.D
Acq: 13 Oct 2020 18:47

Tgt Ion:240 Resp: 266409
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.5 20.9 31.3

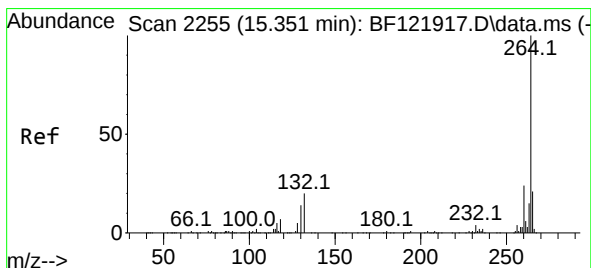
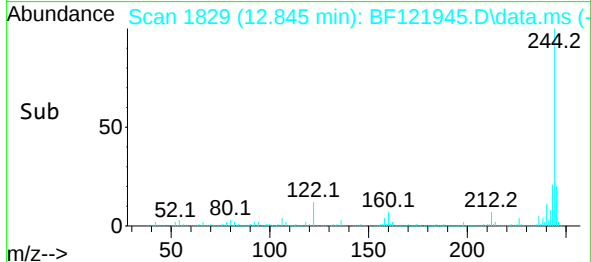
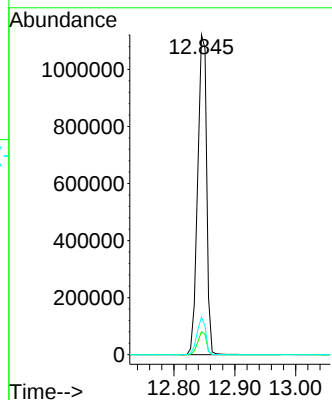
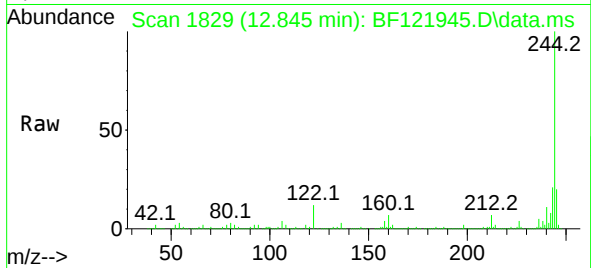




#79
 Terphenyl-d14
 Concen: 82.18 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121945.D
 Acq: 13 Oct 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OH-WC-C-G2

Tgt Ion:244 Resp: 1148862
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.7 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. -0.018 min
 Lab File: BF121945.D
 Acq: 13 Oct 2020 18:47

Tgt Ion:264 Resp: 272130
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.3 17.3 25.9

