

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116912.D
 Acq On : 9 Sep 2019 22:20
 Operator : HP/JU
 Sample : K4752-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Sep 10 03:04:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

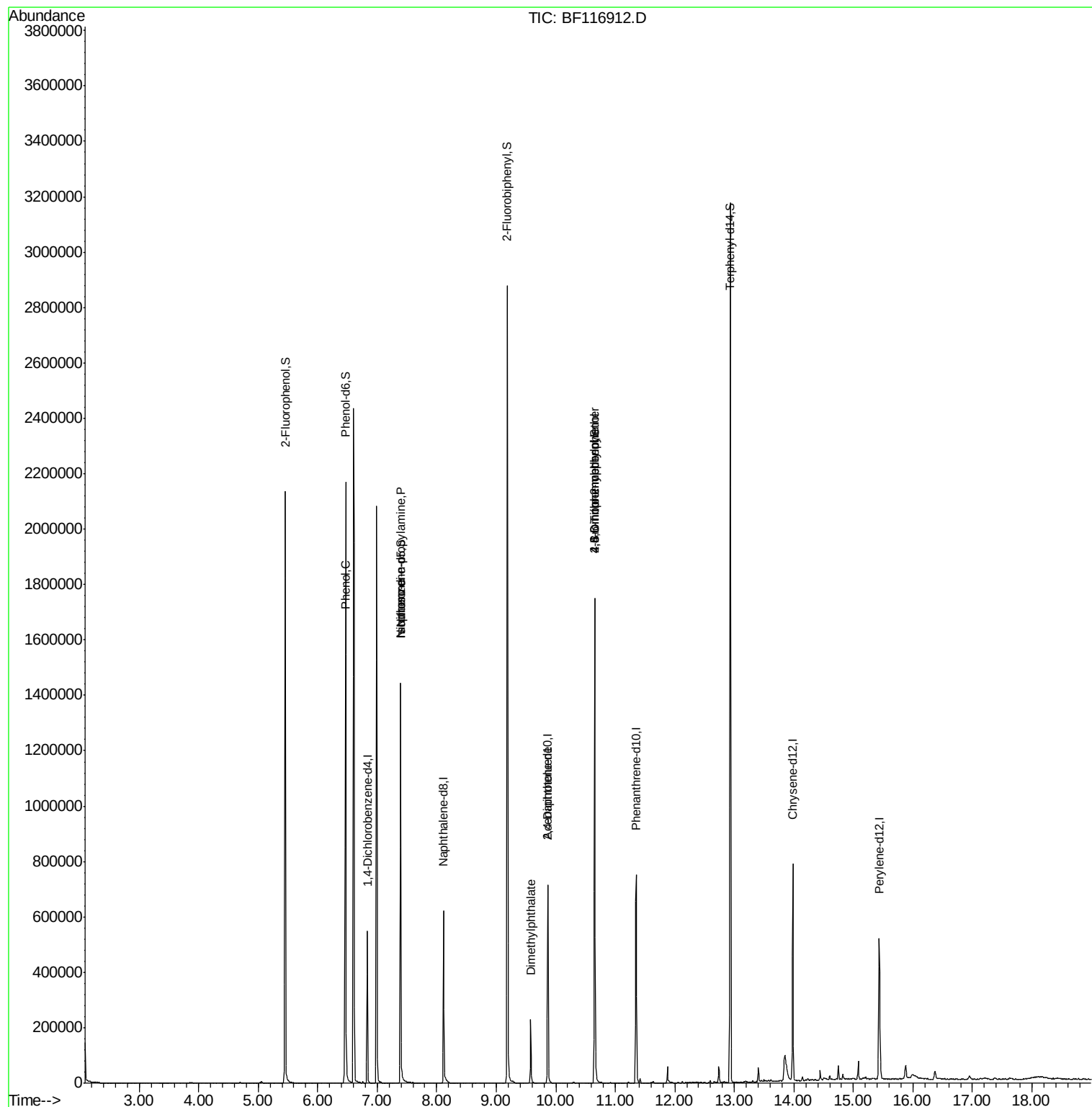
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	78321	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	319688	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	168038	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	297260	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	253310	20.00	ng	-0.02
87) Perylene-d12	15.43	264	240355	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	646292	133.68	ng	0.00
7) Phenol-d6	6.47	99	892175	140.54	ng	-0.01
23) Nitrobenzene-d5	7.39	82	549460	98.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	200929	178.86	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	986666	99.05	ng	-0.02
79) Terphenyl-d14	12.93	244	1102030	80.48	ng	-0.02
Target Compounds						
10) Phenol	6.48	94	14508	2.064	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	72746	17.404	ng	# 71
25) Isophorone	7.39	82	549456	48.421	ng	# 66
50) Dimethylphthalate	9.58	163	105307	9.077	ng	98
57) 2,4-Dinitrotoluene	9.86	165	21497	7.943	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.66	198	416	7.772	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	12903	4.273	ng	# 1

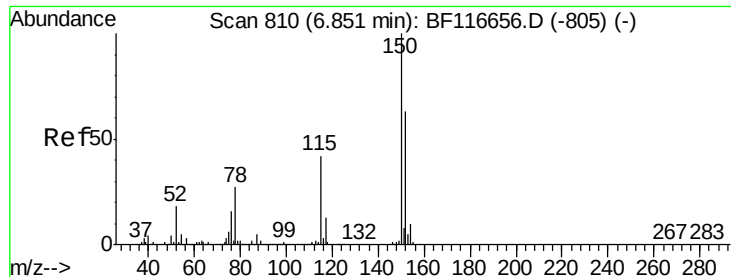
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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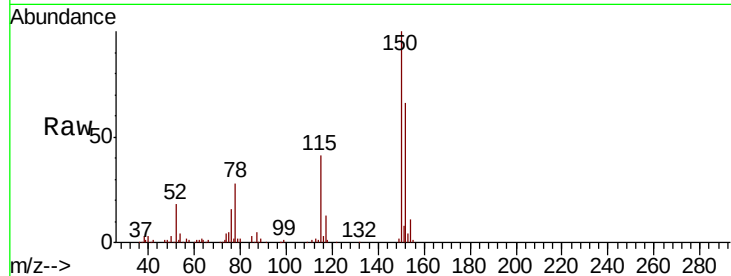


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116912.D
Acq: 9 Sep 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.4	186.6
115	62.0	49.9	74.9

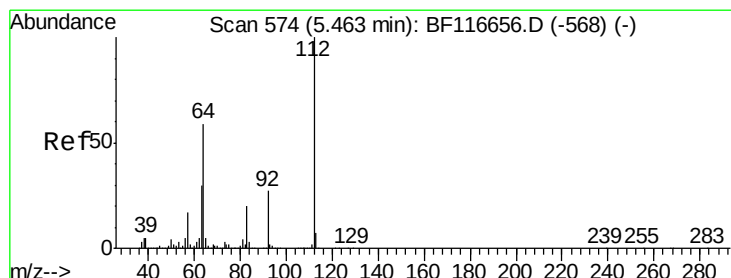
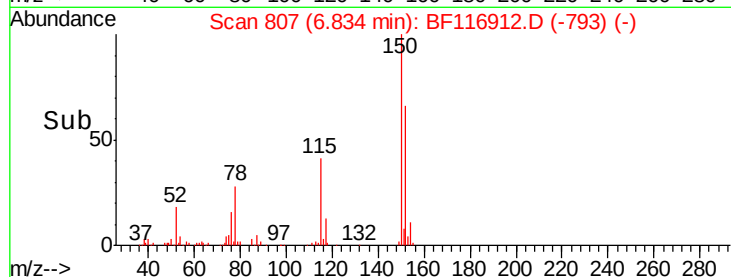
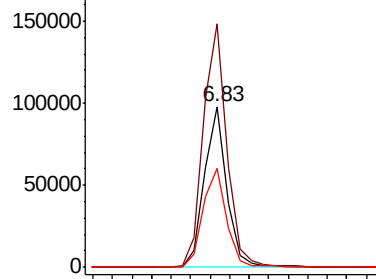


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

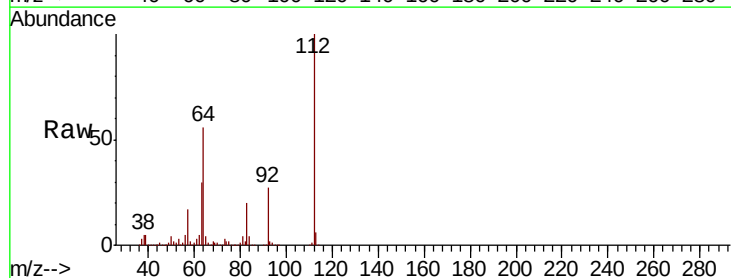
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.684 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116912.D
Acq: 9 Sep 2019 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.1	70.7
63	30.1	24.9	37.3

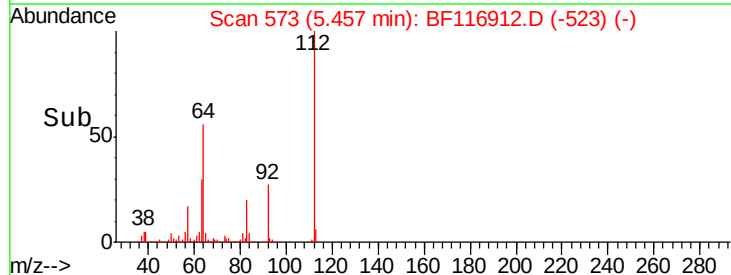
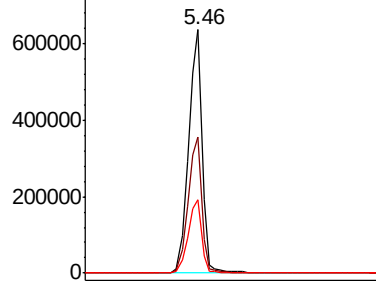


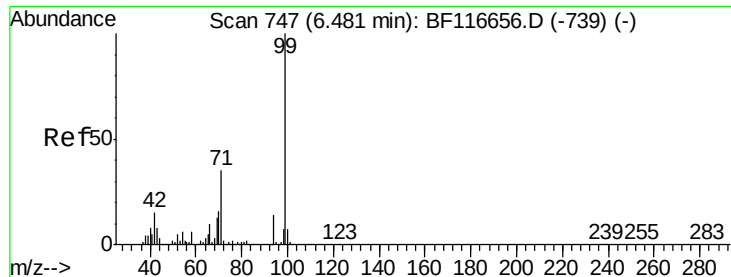
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 140.540 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116912.D

Acq: 9 Sep 2019 22:20

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

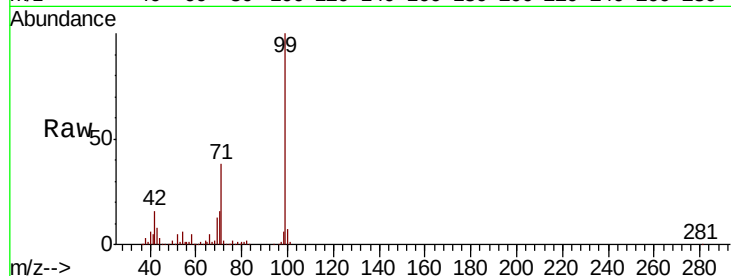
Tgt Ion: 99 Resp: 892175

Ion Ratio Lower Upper

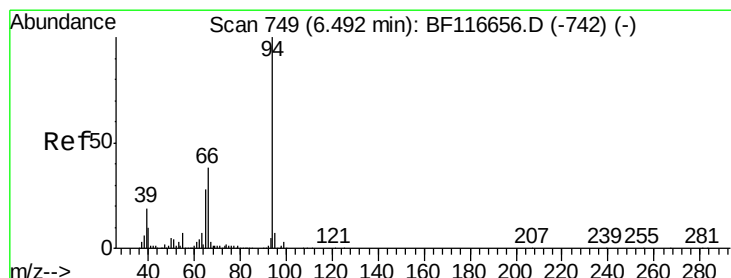
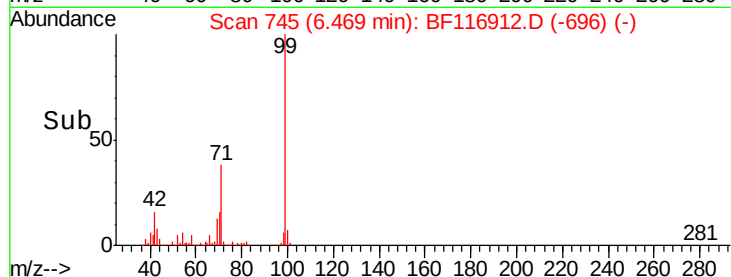
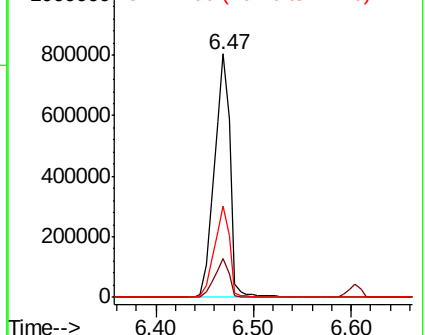
99 100

42 15.9 13.7 20.5

71 37.6 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.064 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116912.D

Acq: 9 Sep 2019 22:20

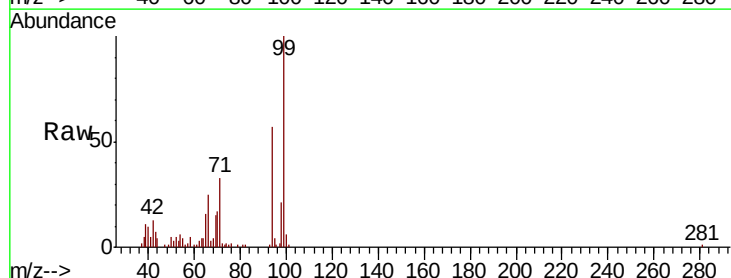
Tgt Ion: 94 Resp: 14508

Ion Ratio Lower Upper

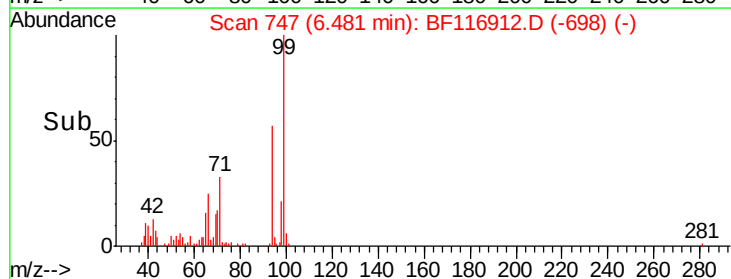
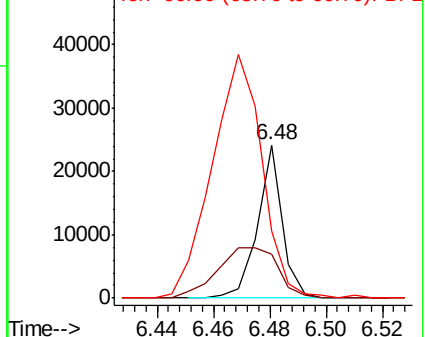
94 100

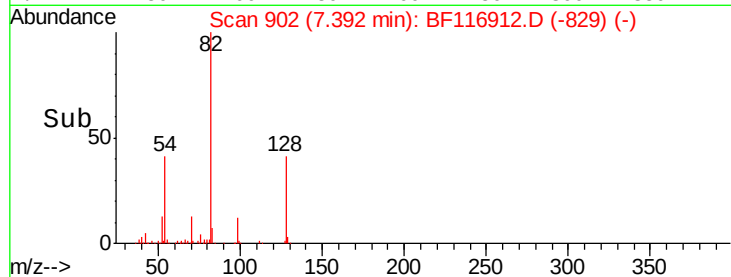
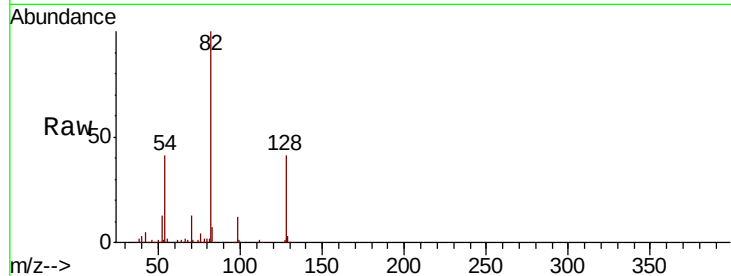
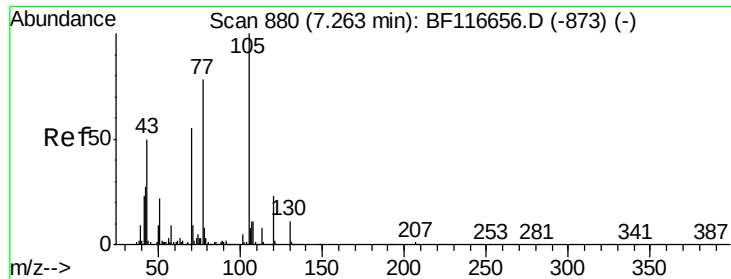
65 28.4 10.8 50.8

66 44.0 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

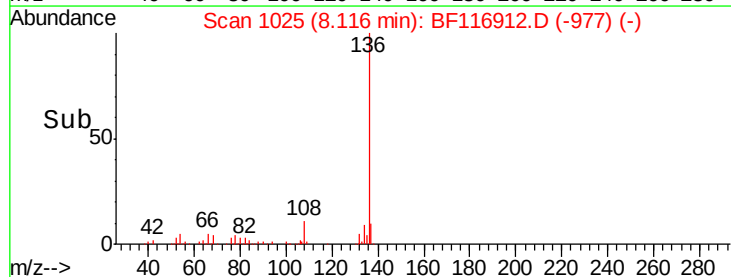
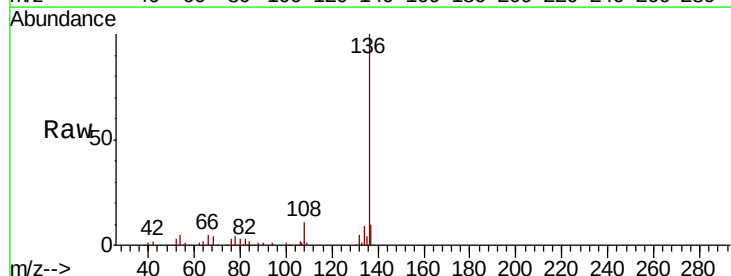
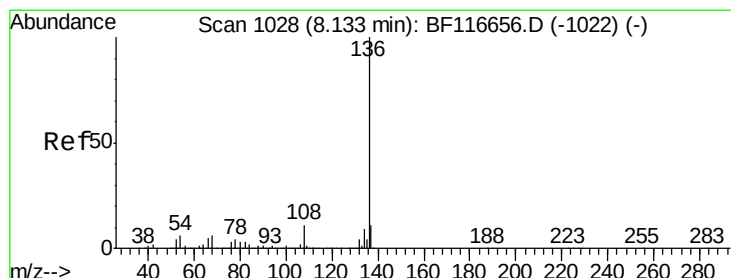
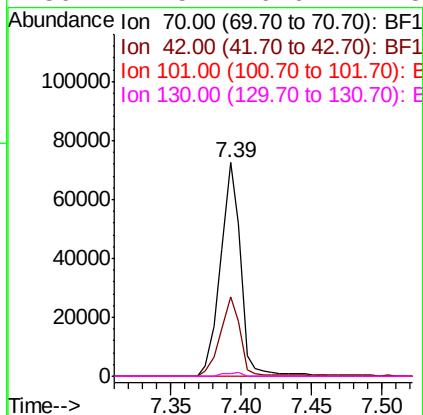




#19
n-Nitroso-di-n-propylamine
Concen: 17.404 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116912.D
Acq: 9 Sep 2019 22:20

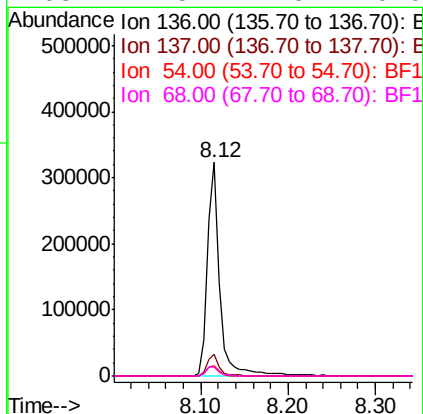
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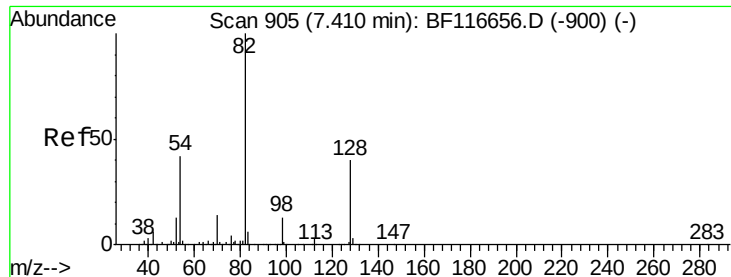
Tgt Ion:	70	Resp:	72746
Ion	Ratio	Lower	Upper
70	100		
42	36.9	43.5	65.3#
101	0.0	7.8	11.6#
130	1.5	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116912.D
Acq: 9 Sep 2019 22:20

Tgt Ion:	136	Resp:	319688
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.1	4.8	7.2
68	4.5	4.0	6.0

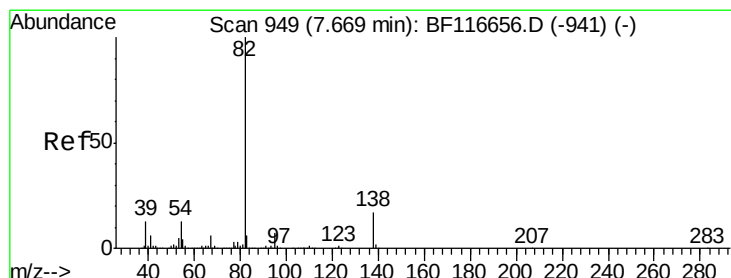
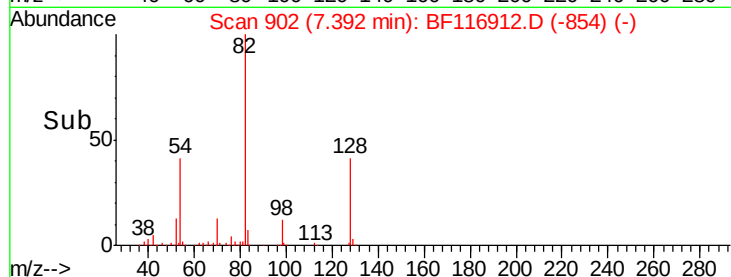
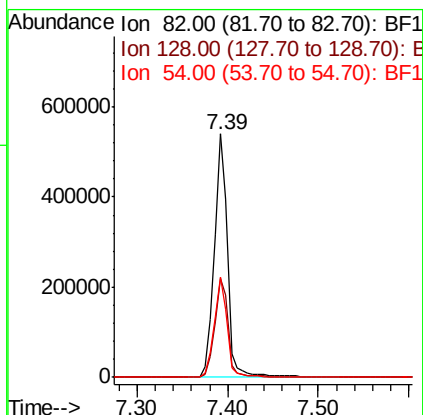
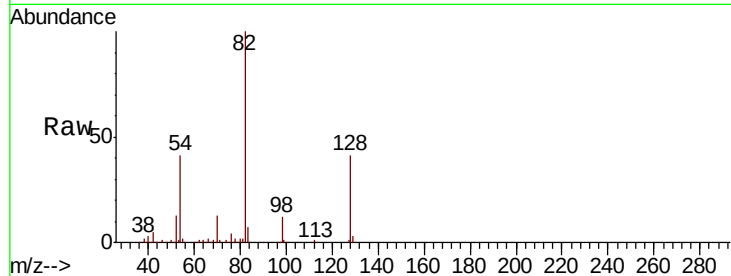




#23
 Nitrobenzene-d5
 Concen: 98.118 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

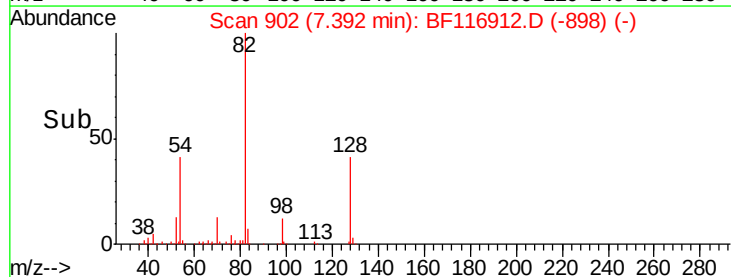
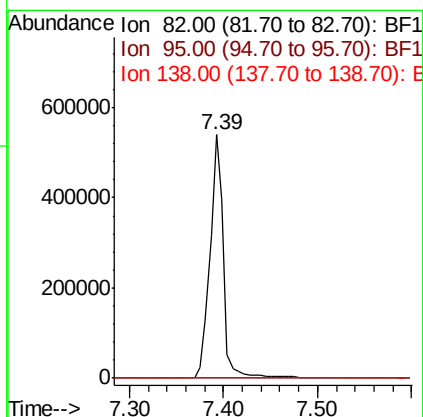
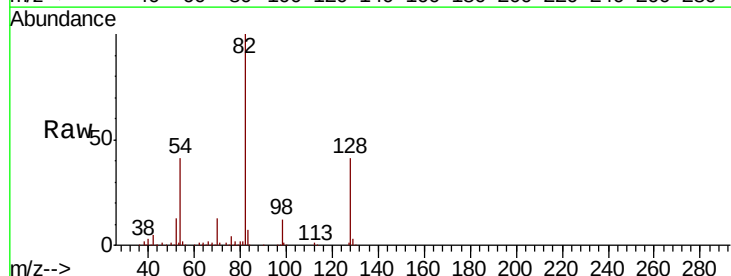
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

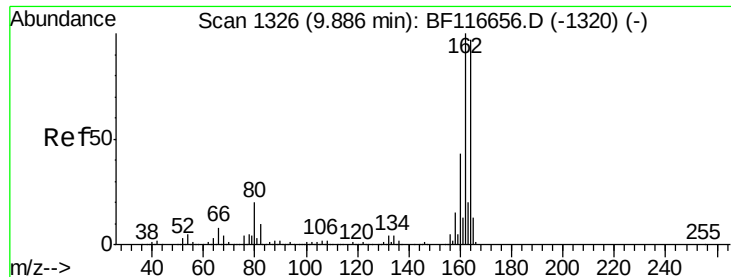
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.8	49.2
54	41.4	36.9	55.3



#25
 Isophorone
 Concen: 48.421 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.28 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

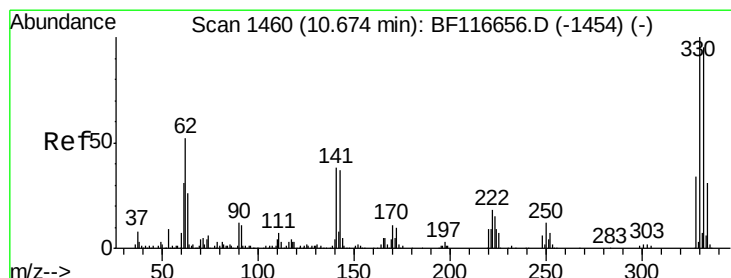
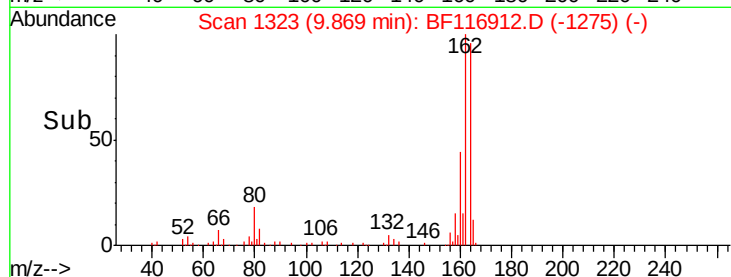
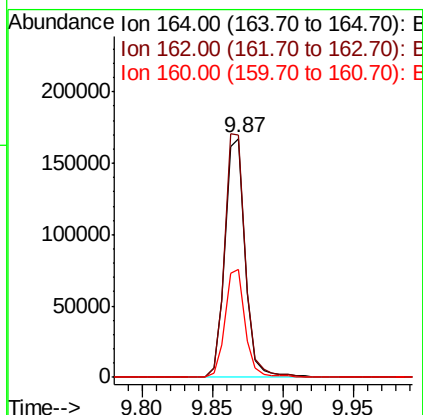
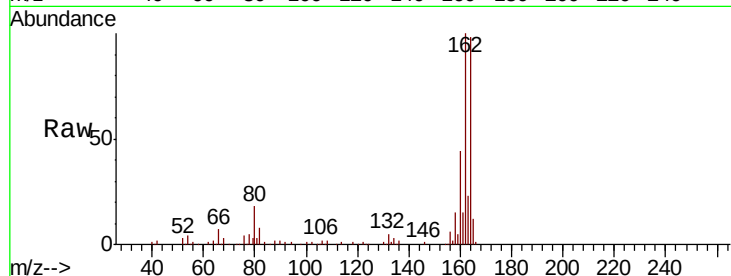




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

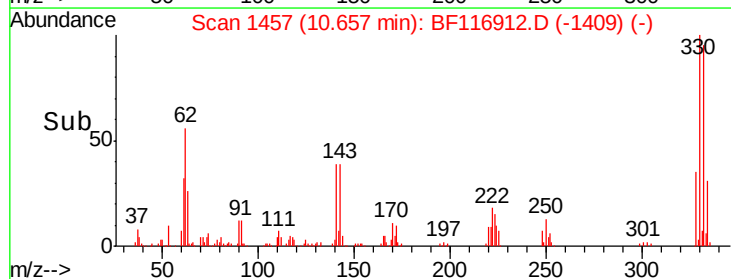
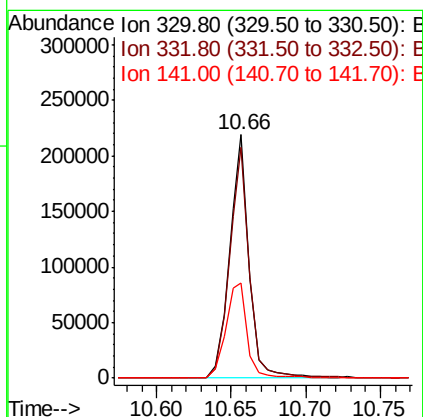
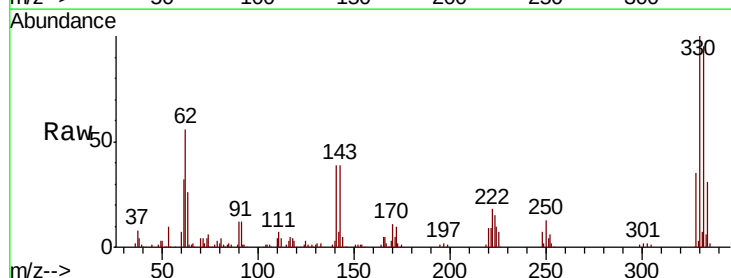
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

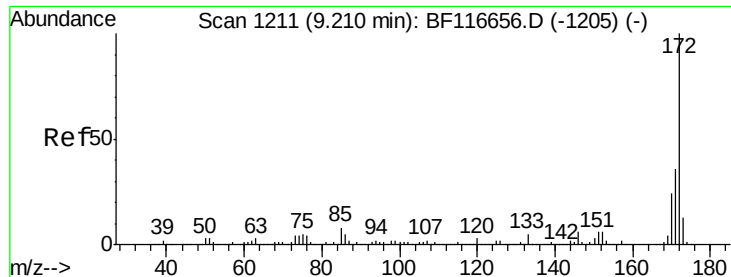
Tgt Ion:164 Resp: 168038
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.4 122.0
 160 45.1 35.4 53.2



#42
 2,4,6-Tribromophenol
 Concen: 178.863 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

Tgt Ion:330 Resp: 200929
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.9 115.3
 141 44.1 31.4 47.2

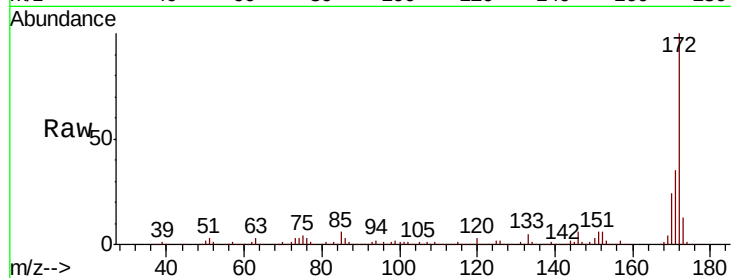




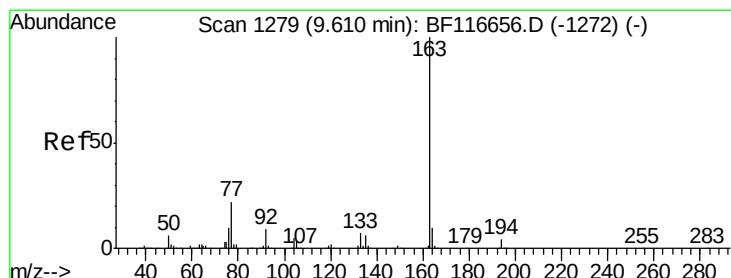
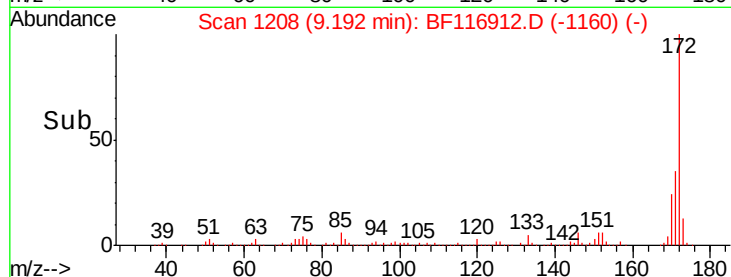
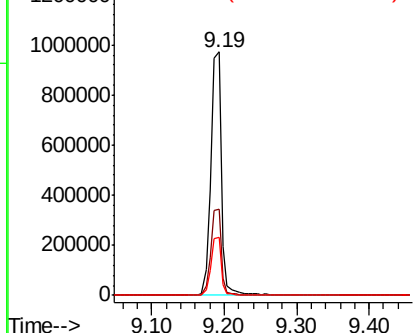
#45
 2-Fluorobiphenyl
 Concen: 99.049 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:172 Resp: 986666
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.8 41.6
 170 23.8 18.9 28.3

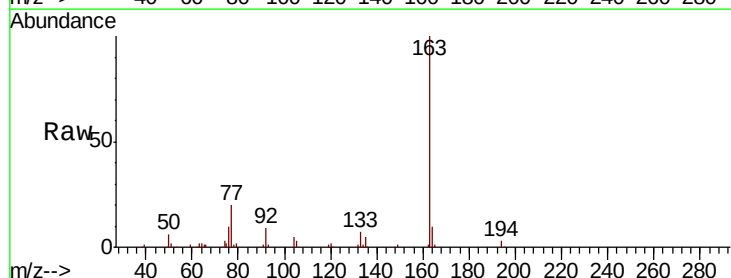


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

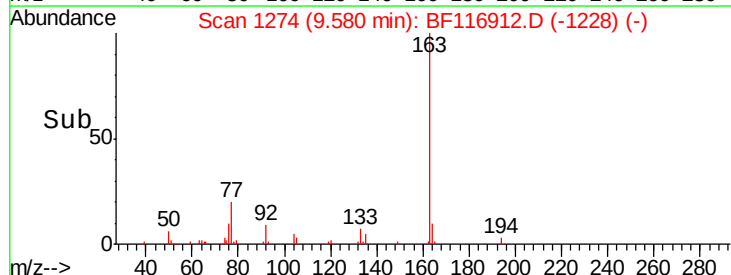
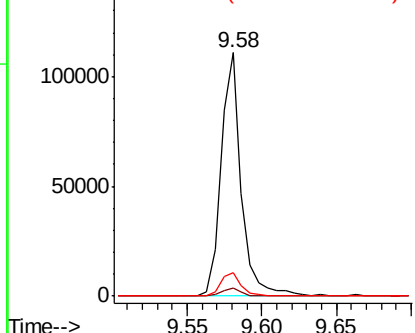


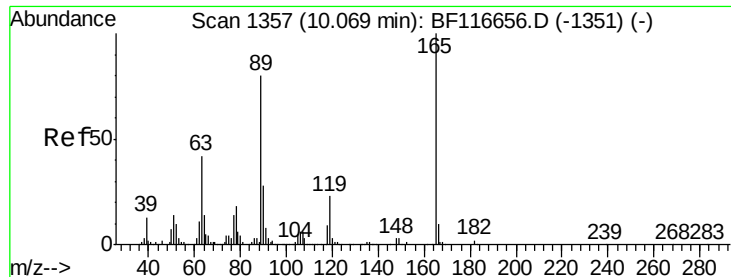
#50
 Dimethylphthalate
 Concen: 9.077 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

Tgt Ion:163 Resp: 105307
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 9.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

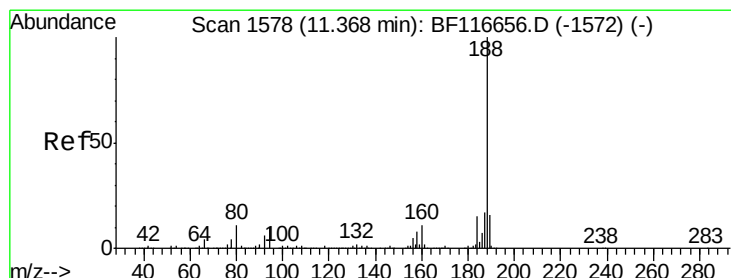
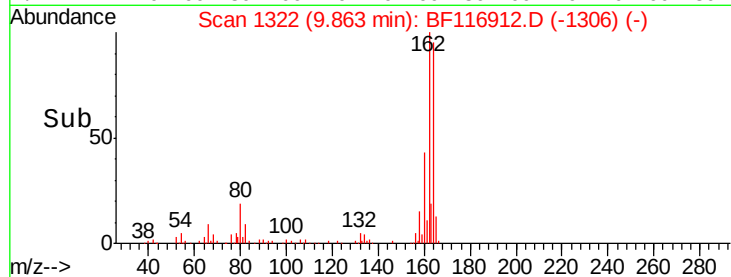
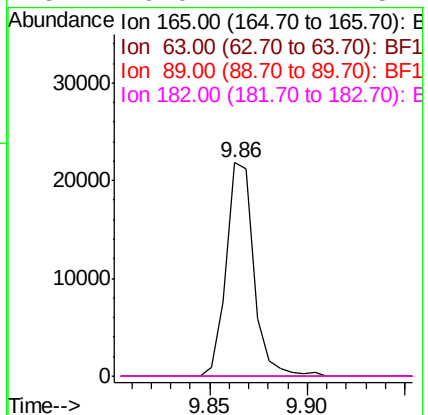
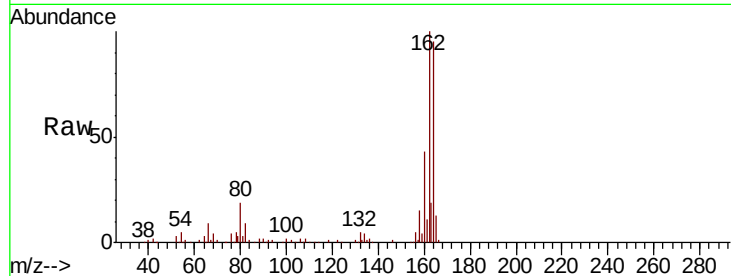




#57
 2,4-Dinitrotoluene
 Concen: 7.943 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

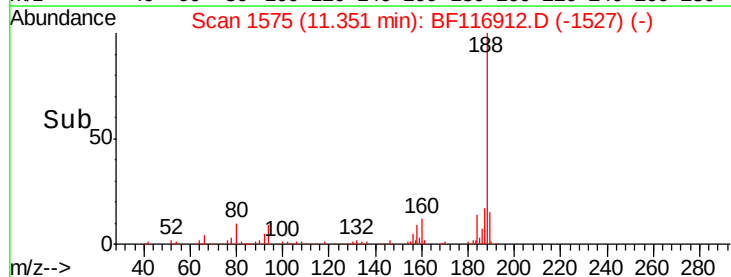
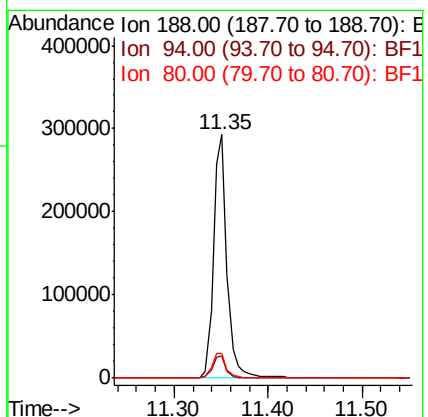
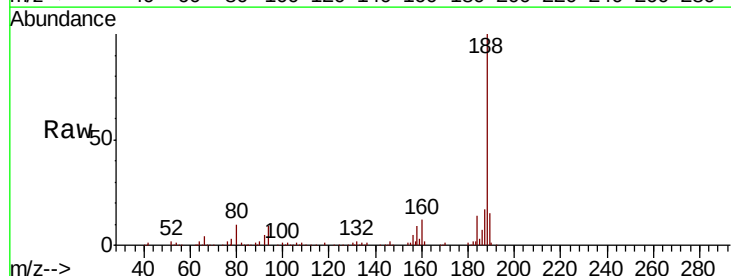
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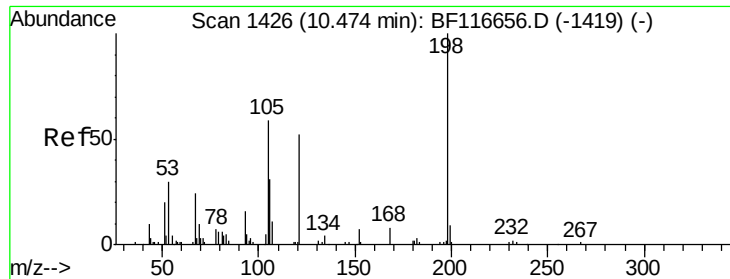
Tgt Ion:	165	Resp:	21497
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

Tgt Ion:	188	Resp:	297260
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	10.2	8.4	12.6

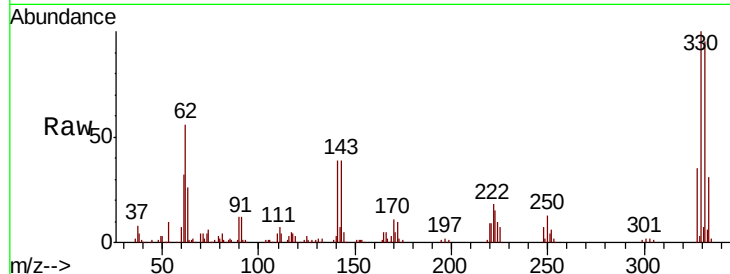




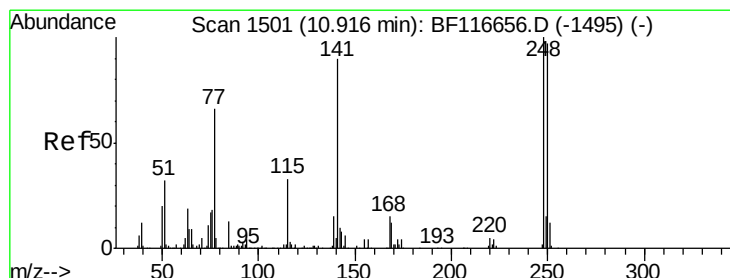
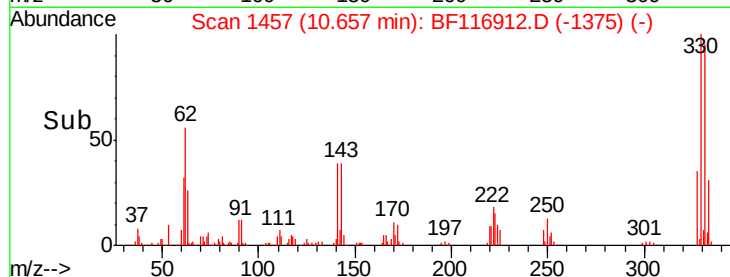
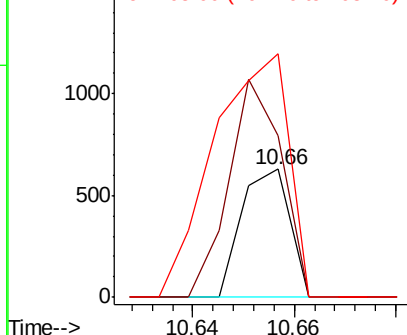
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.772 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.18 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:198 Resp: 416
 Ion Ratio Lower Upper
 198 100
 51 126.6 18.4 58.4#
 105 190.1 22.9 62.9#

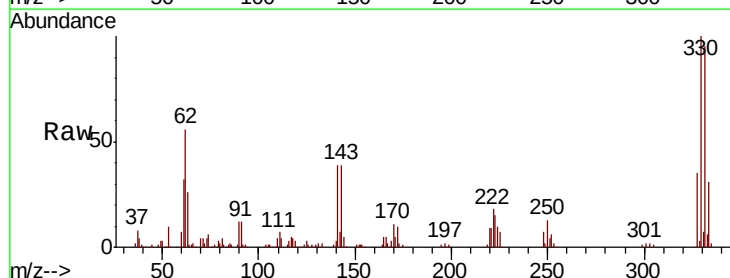


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

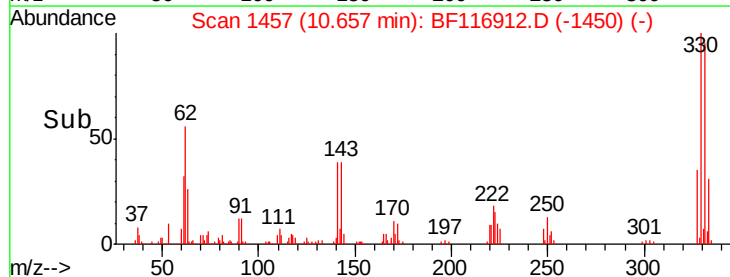
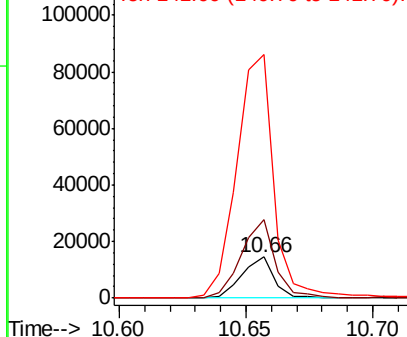


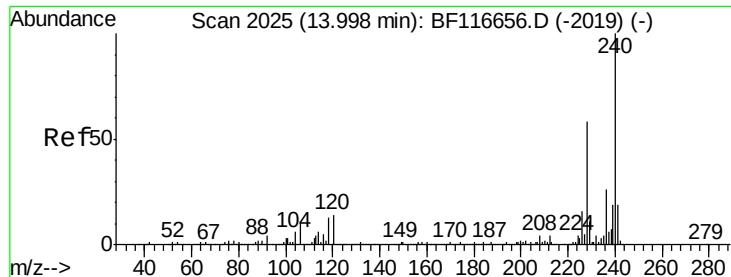
#67
 4-Bromophenyl-phenylether
 Concen: 4.273 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.26 min
 Lab File: BF116912.D
 Acq: 9 Sep 2019 22:20

Tgt Ion:248 Resp: 12903
 Ion Ratio Lower Upper
 248 100
 250 189.7 77.8 116.8#
 141 589.3 75.9 113.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

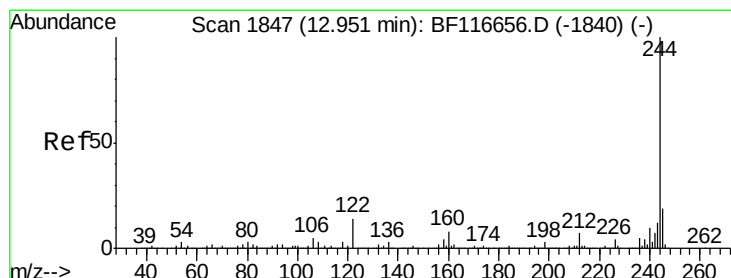
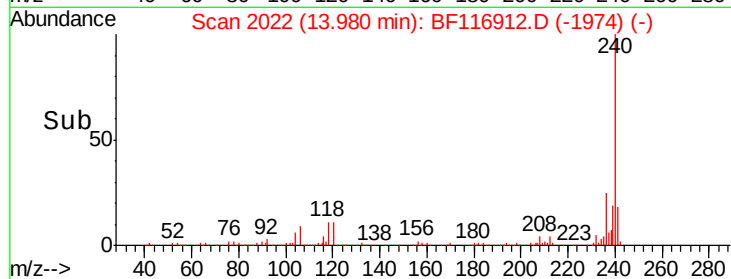
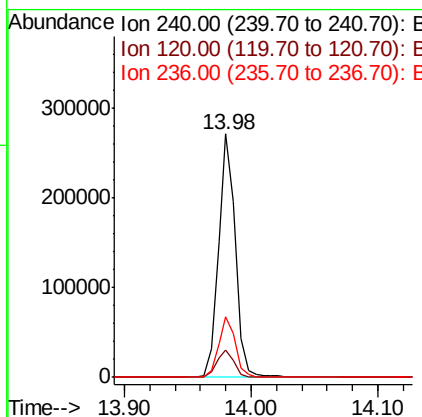
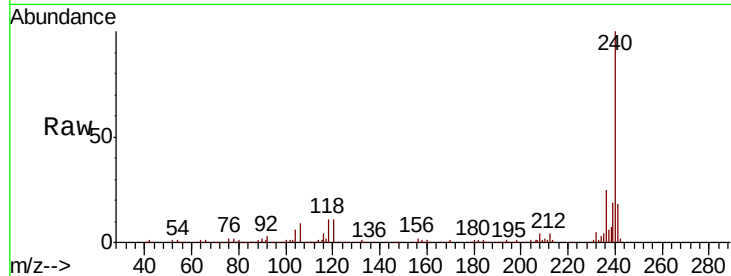




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116912.D
Acq: 9 Sep 2019 22:20

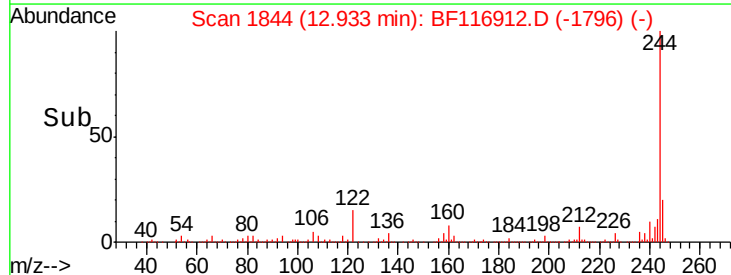
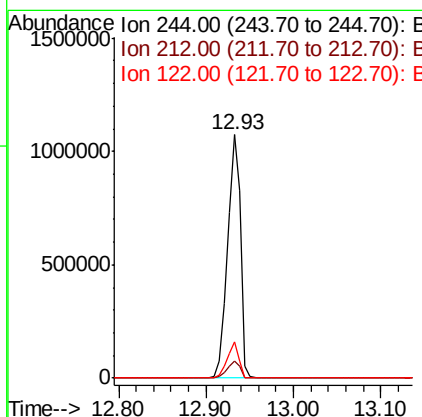
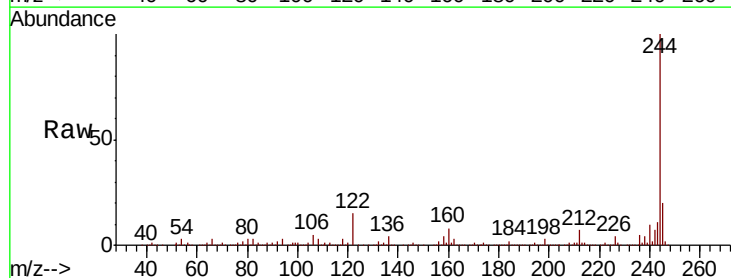
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

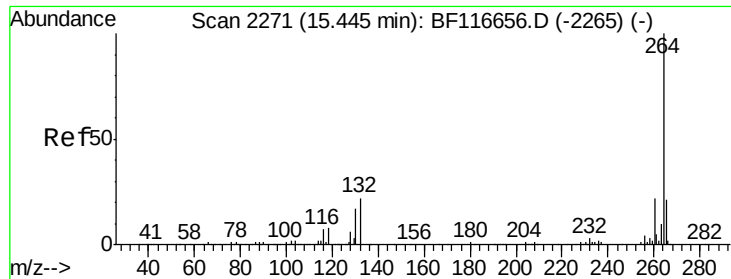
Tgt Ion:240 Resp: 253310
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 24.8 21.1 31.7



#79
Terphenyl-d14
Concen: 80.482 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116912.D
Acq: 9 Sep 2019 22:20

Tgt Ion:244 Resp: 1102030
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 14.8 10.2 15.4

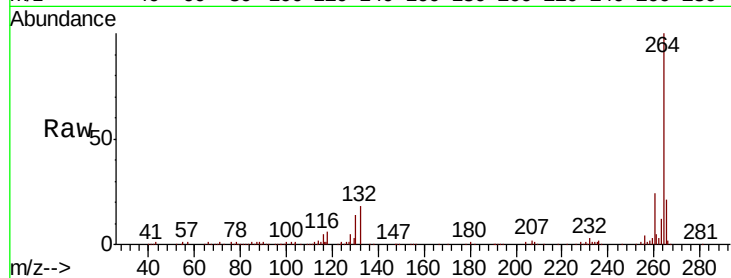




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116912.D
Acq: 9 Sep 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion:	264	Resp:	240355
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.4	16.5	24.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

