

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116831.D
 Acq On : 5 Sep 2019 12:15
 Operator : HP/JU
 Sample : K4618-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 14:23:20 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

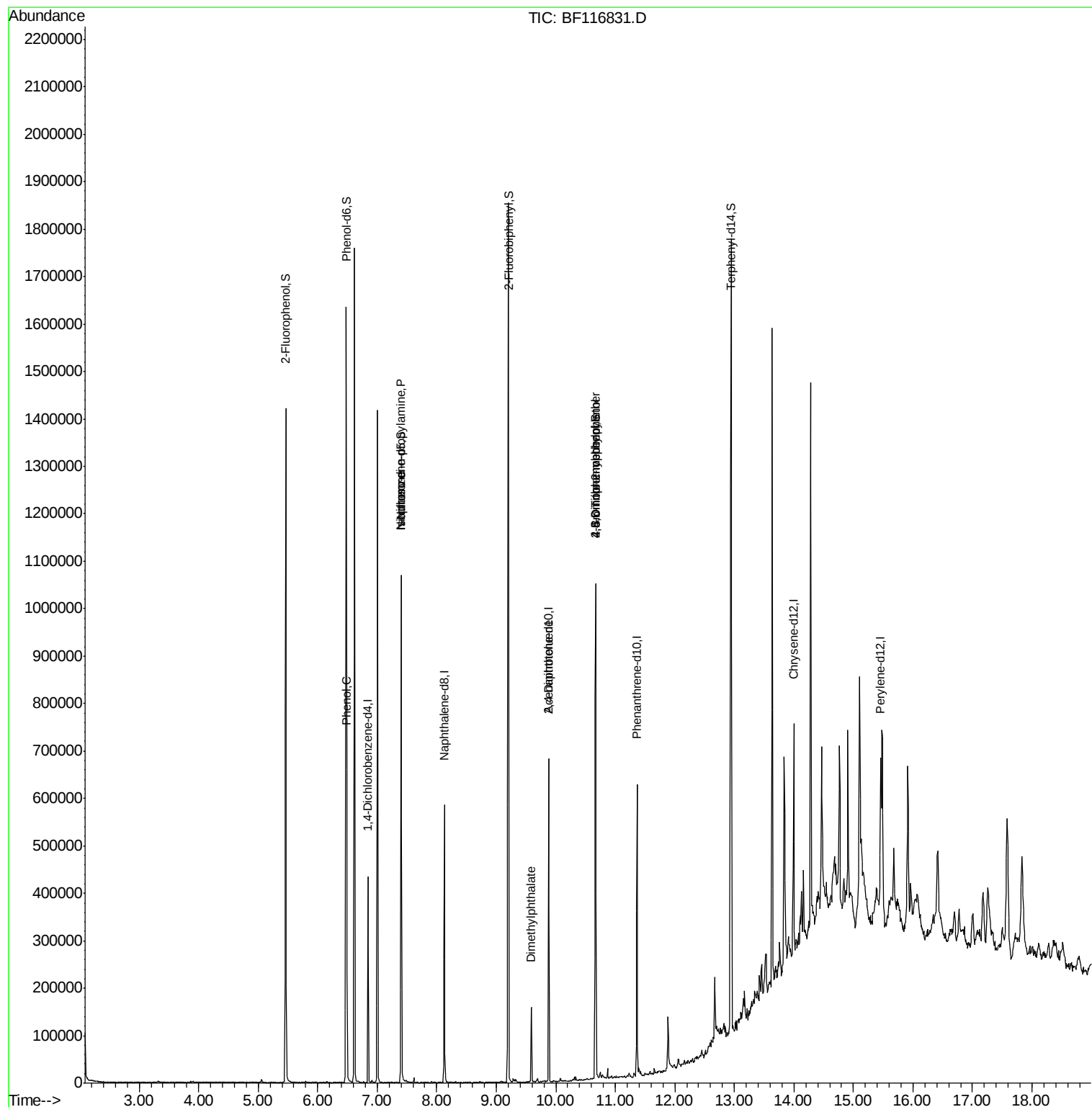
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58428	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	245172	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	125008	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	193233	20.00	ng	0.00
76) Chrysene-d12	14.00	240	143504	20.00	ng	0.00
87) Perylene-d12	15.46	264	133076	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	413854	114.75	ng	0.00
7) Phenol-d6	6.48	99	557423	117.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	337464	78.58	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	102134	122.21	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	564632	76.19	ng	0.00
79) Terphenyl-d14	12.94	244	483656	62.35	ng	0.00
Target Compounds						
10) Phenol	6.49	94	47484	9.055	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	44911	14.403	ng	# 72
25) Isophorone	7.40	82	337457	38.777	ng	# 66
50) Dimethylphthalate	9.59	163	64247	7.444	ng	# 97
57) 2,4-Dinitrotoluene	9.88	165	16055	7.974	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.67	198	277	7.780	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	6683	3.404	ng	# 1

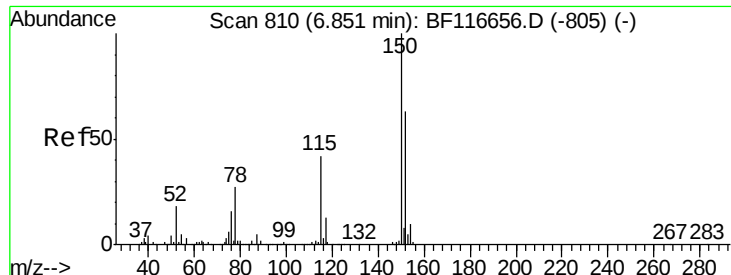
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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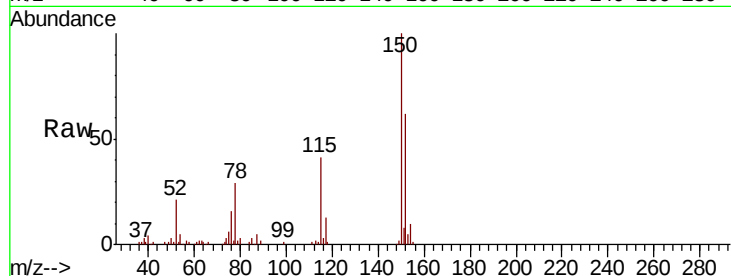


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.4	186.6
115	65.1	49.9	74.9

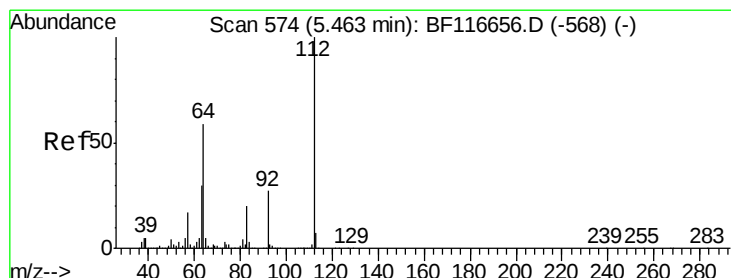
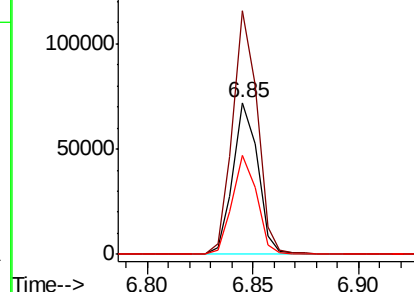
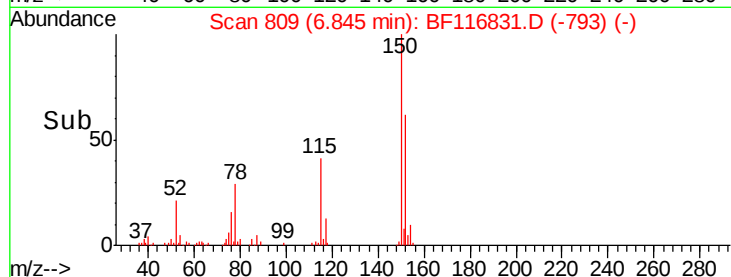


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

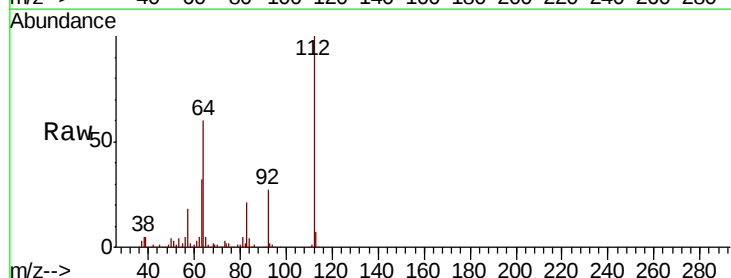
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.751 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.1	70.7
63	31.9	24.9	37.3

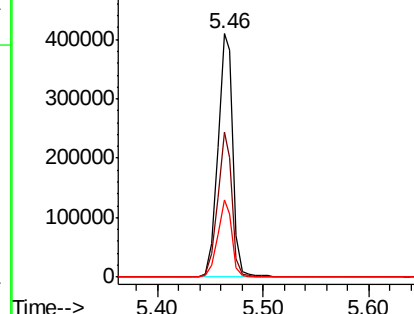
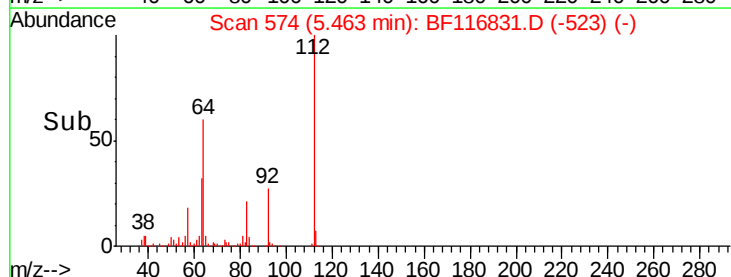


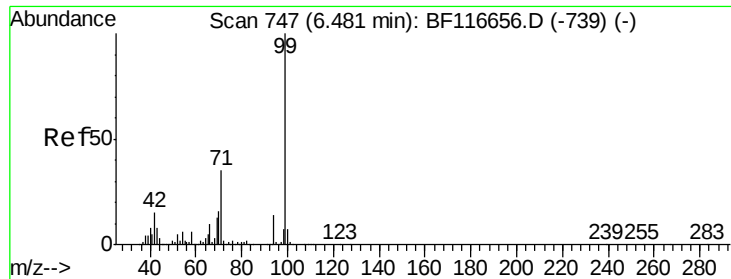
Abundance

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: 117.704 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

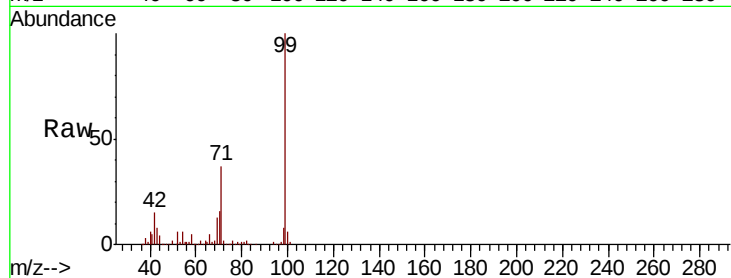
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 557423

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	36.7	30.8	46.2

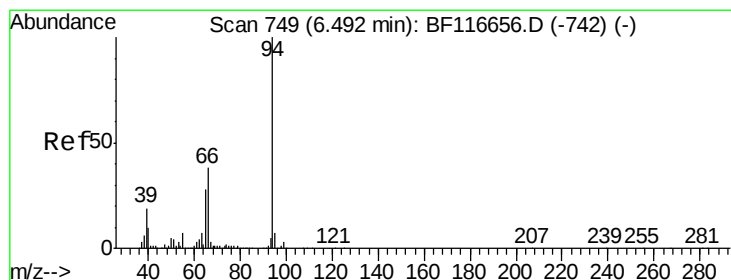
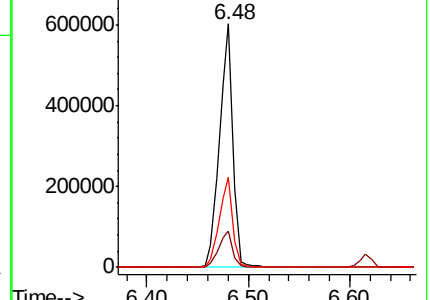
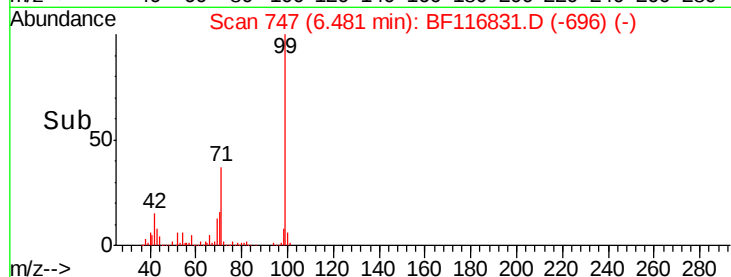


Abundance

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: 9.055 ng

RT: 6.49 min Scan# 749

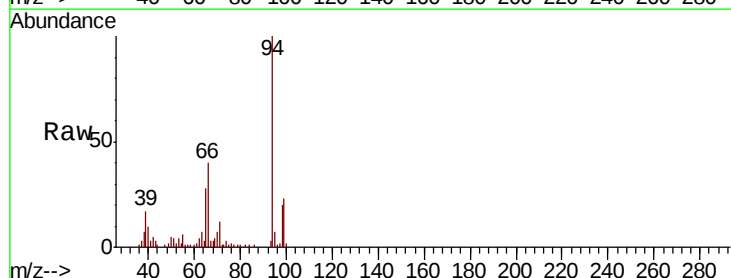
Delta R.T. -0.00 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

Tgt Ion: 94 Resp: 47484

Ion	Ratio	Lower	Upper
94	100		
65	27.6	10.8	50.8
66	40.0	21.1	61.1

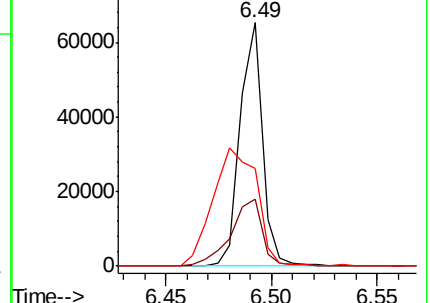
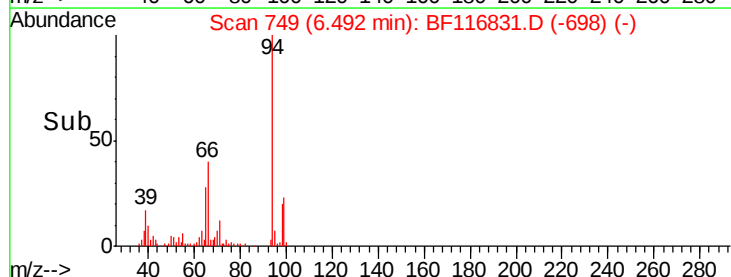


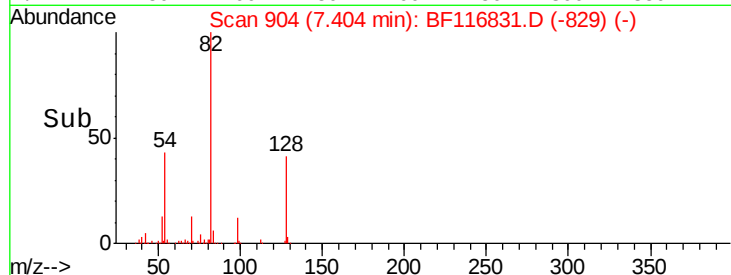
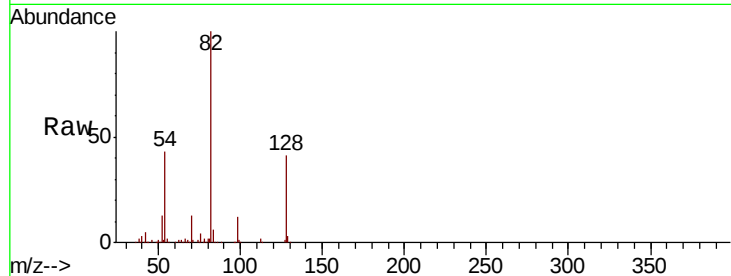
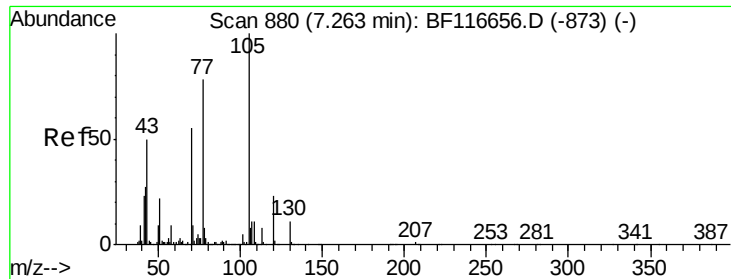
Abundance

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

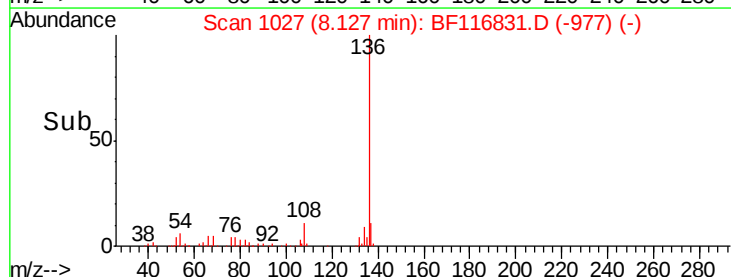
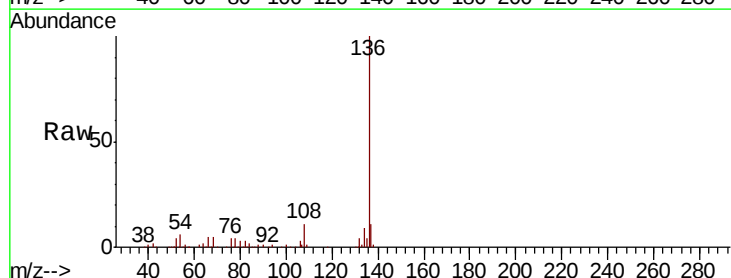
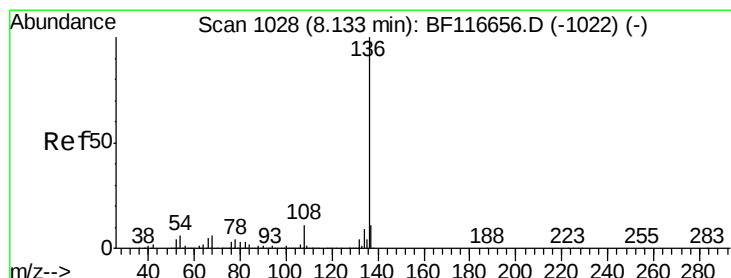
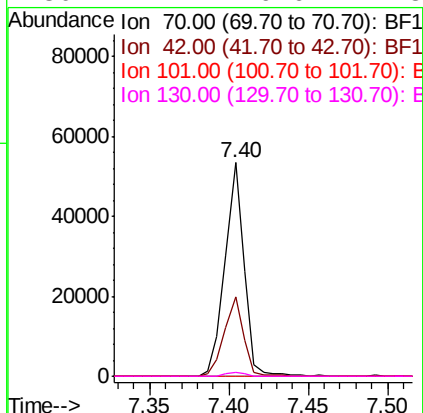




#19
n-Nitroso-di-n-propylamine
Concen: 14.403 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

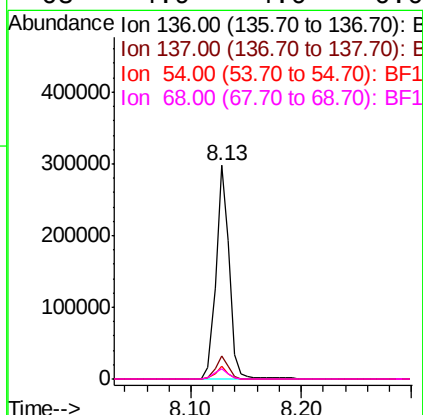
Instrument :
BNA_F
ClientSampleId :

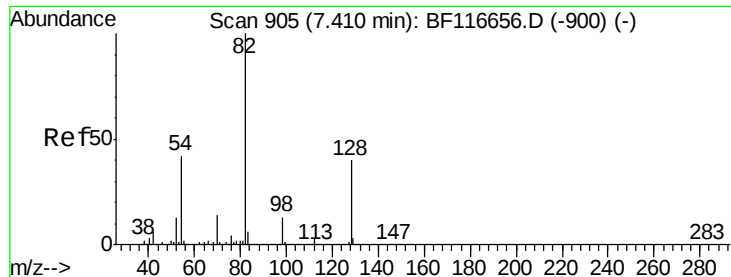
Tot Ion:	70	Resp:	44911
Ion	Ratio	Lower	Upper
70	100		
42	37.2	43.5	65.3#
101	0.0	7.8	11.6#
130	1.7	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion:	136	Resp:	245172
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.9	4.8	7.2
68	4.9	4.0	6.0





#23

Nitrobenzene-d5

Concen: 78.577 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

Instrument :

BNA_F

ClientSampled :

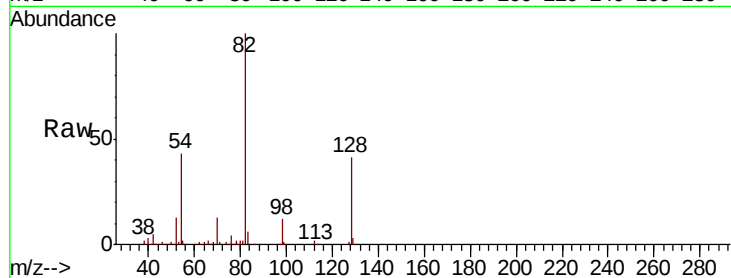
Tot Ion: 82 Resp: 337464

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

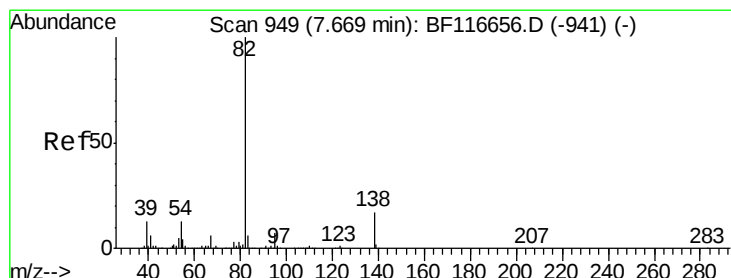
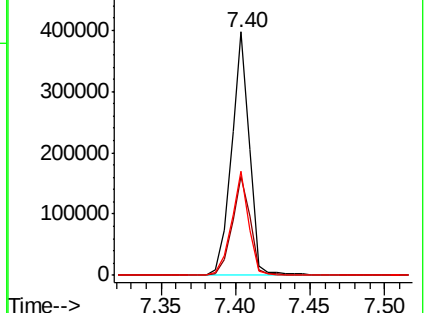
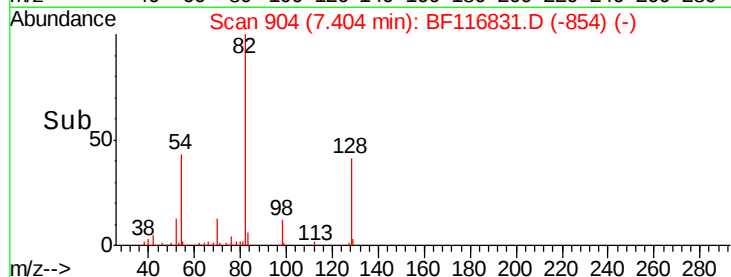
54 42.6 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 38.777 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116831.D

Acq: 5 Sep 2019 12:15

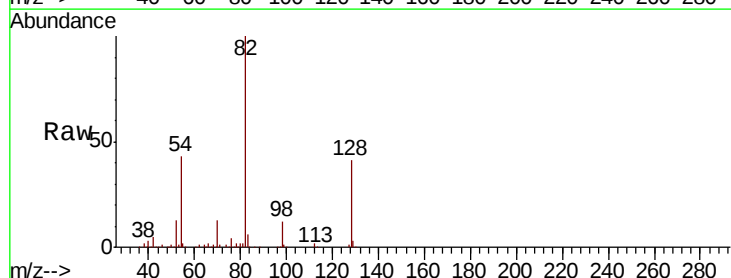
Tgt Ion: 82 Resp: 337457

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

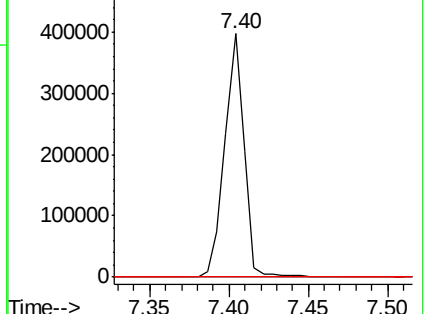
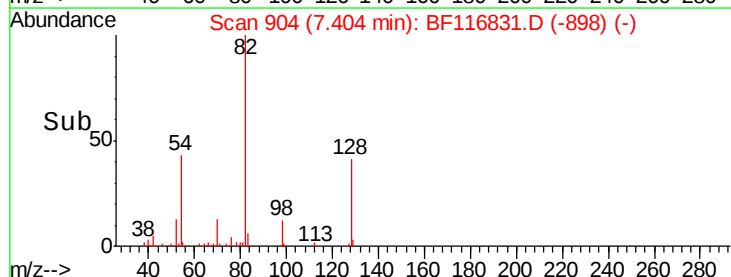
138 0.0 13.5 20.3#

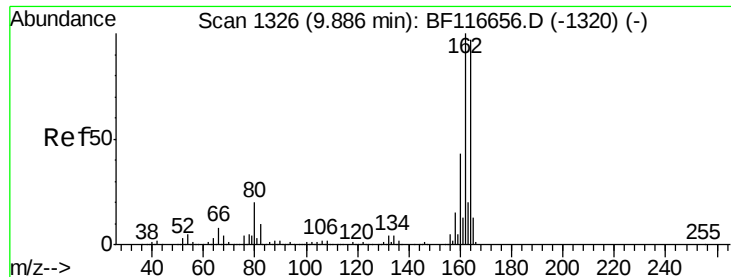


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

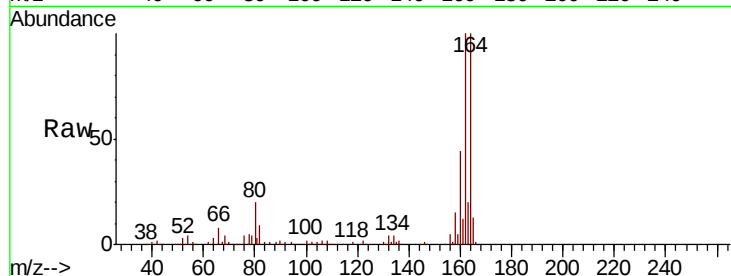




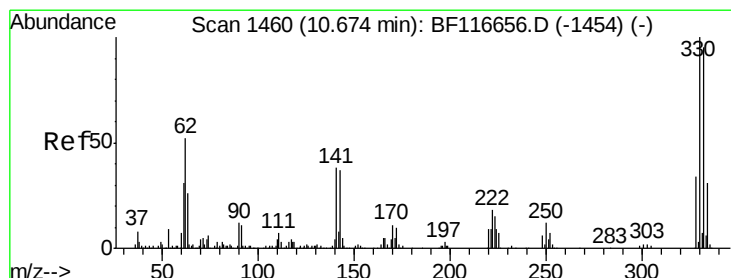
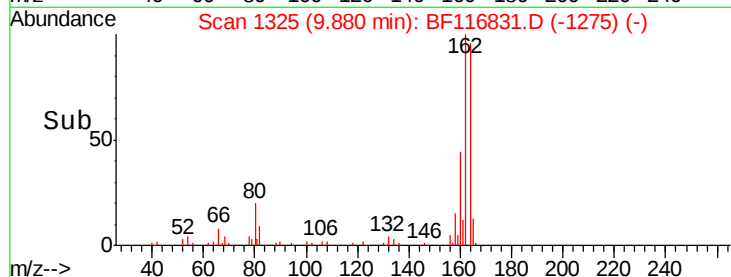
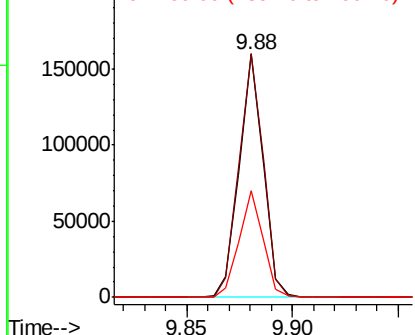
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 125008
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.9 35.4 53.2

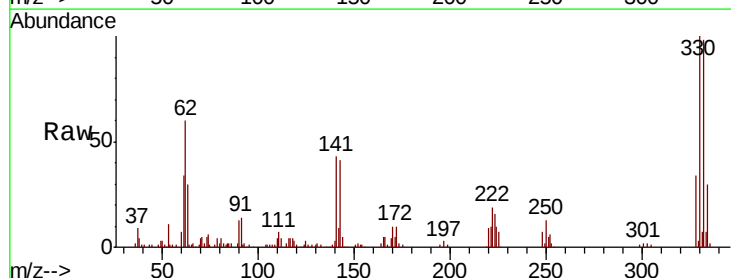


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

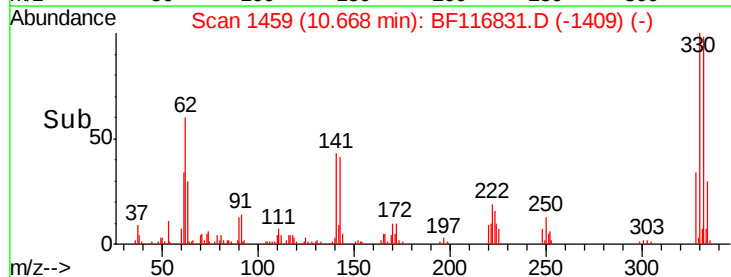
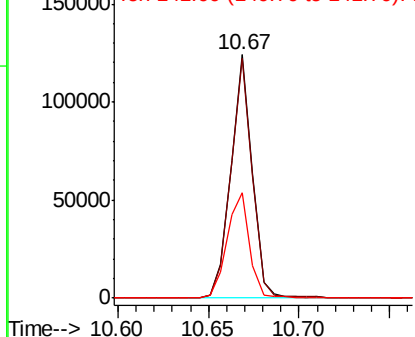


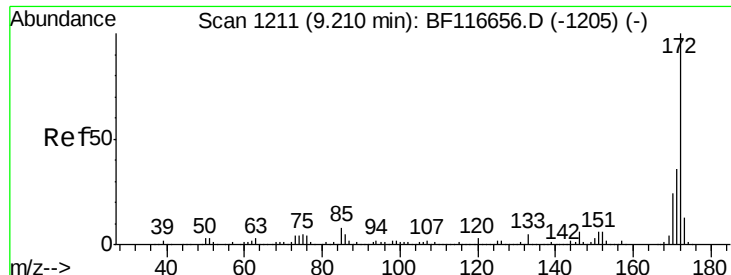
#42
2,4,6-Tribromophenol
Concen: 122.213 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion:330 Resp: 102134
Ion Ratio Lower Upper
330 100
332 99.0 76.9 115.3
141 45.4 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

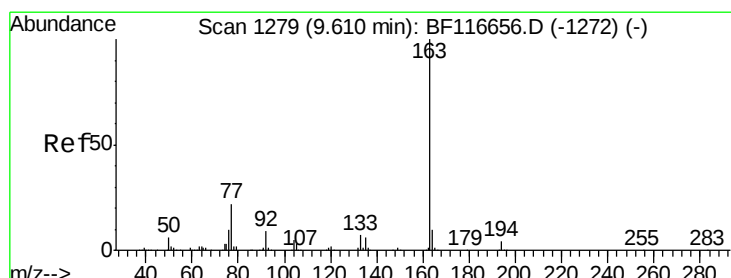
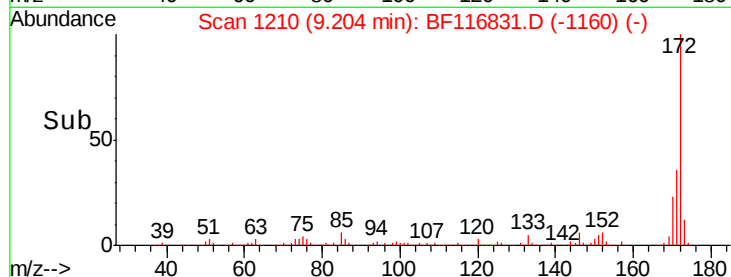
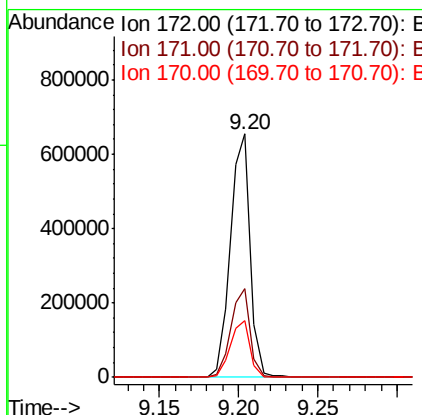
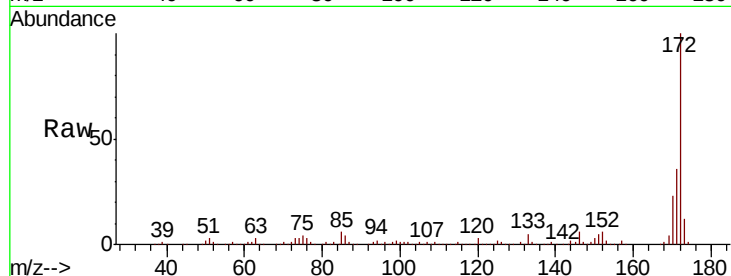




#45
2-Fluorobiphenyl
Concen: 76.193 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

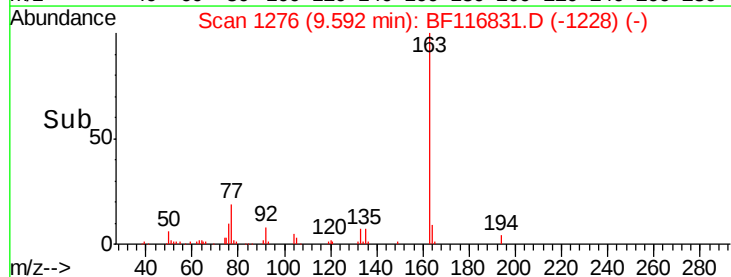
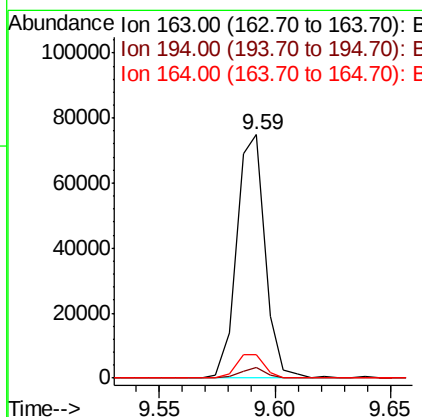
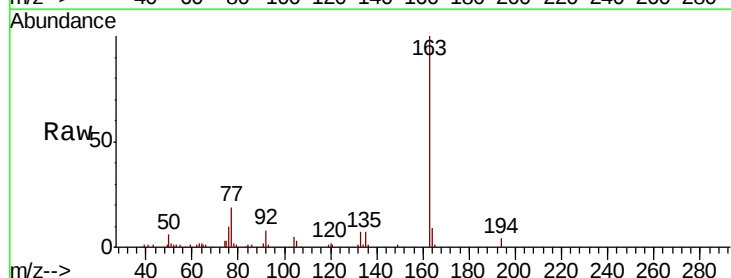
Instrument :
BNA_F
ClientSampleId :

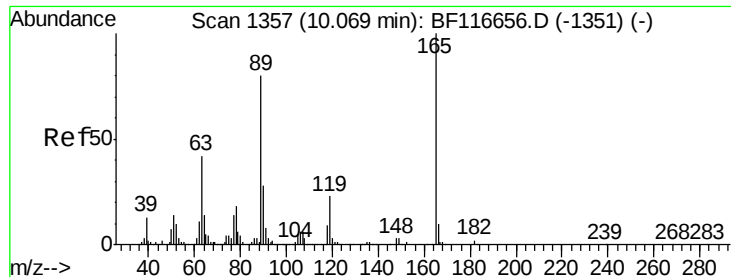
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	23.4	18.9	28.3



#50
Dimethylphthalate
Concen: 7.444 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	9.5	8.6	12.8

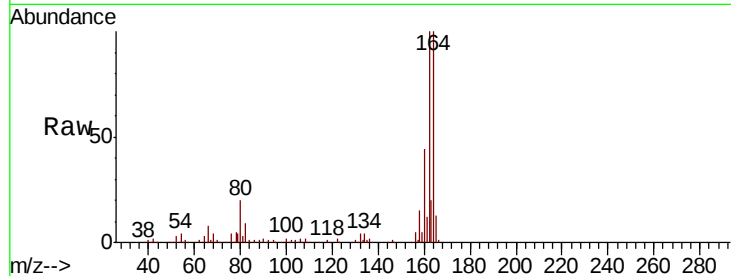




#57
 2,4-Dinitrotoluene
 Concen: 7.974 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116831.D
 Acq: 5 Sep 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	16055
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#

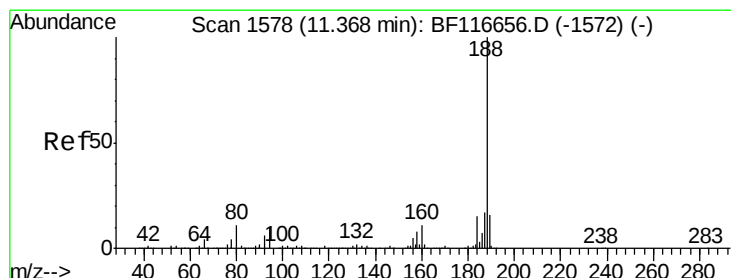
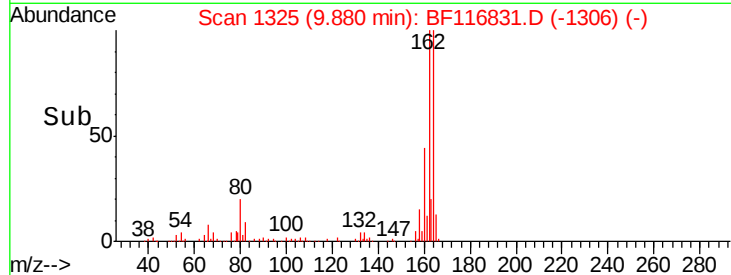
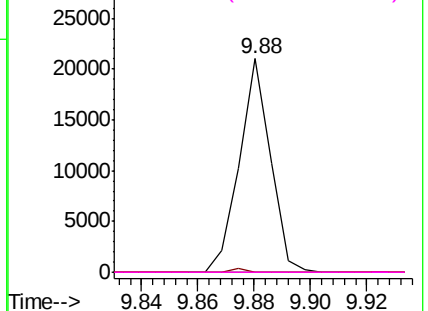


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

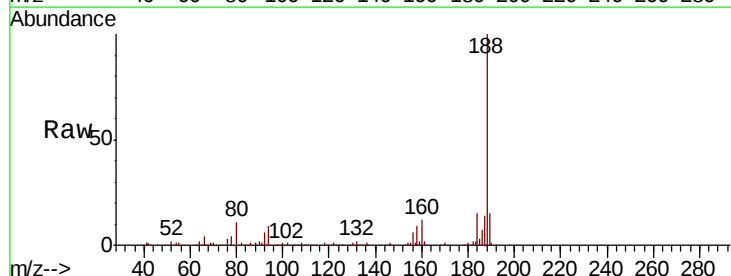
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116831.D
 Acq: 5 Sep 2019 12:15

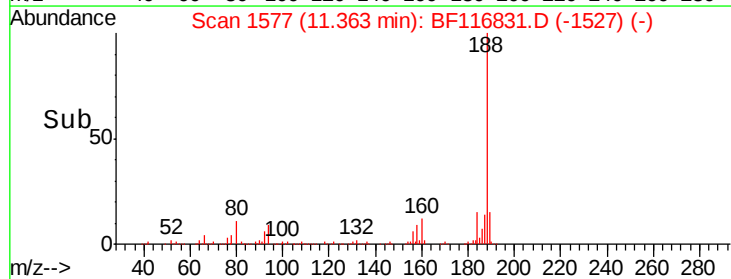
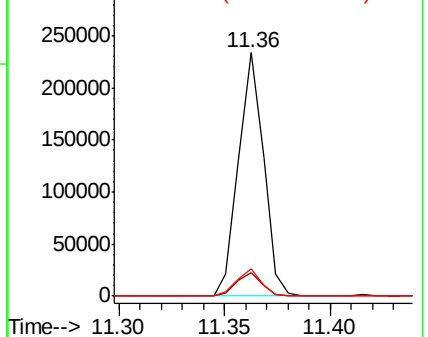
Tgt Ion:	188	Resp:	193233
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.3	10.9
80	11.3	8.4	12.6

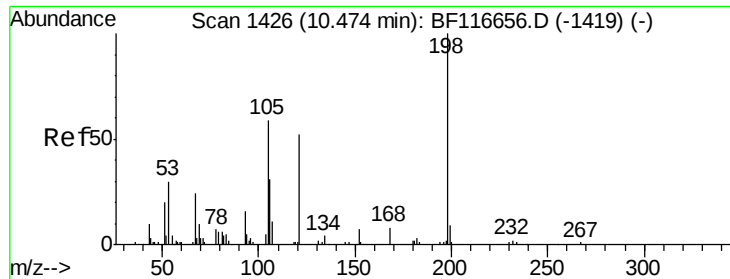


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

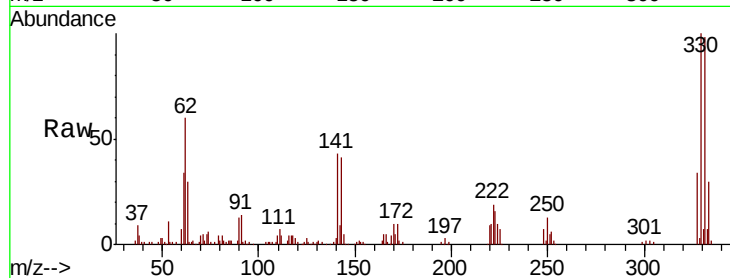




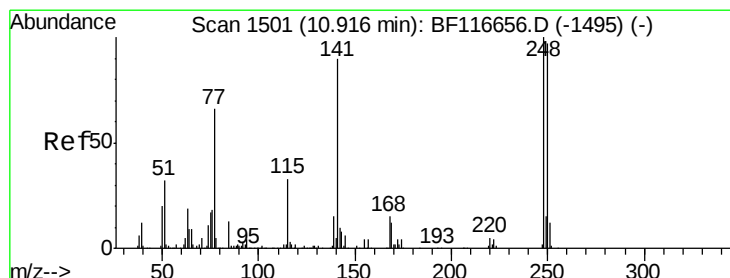
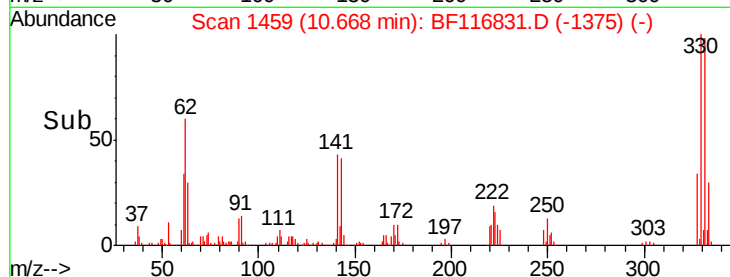
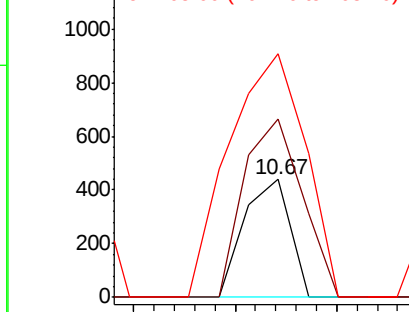
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.780 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.19 min
 Lab File: BF116831.D
 Acq: 5 Sep 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 277
 Ion Ratio Lower Upper
 198 100
 51 150.7 18.4 58.4#
 105 206.1 22.9 62.9#

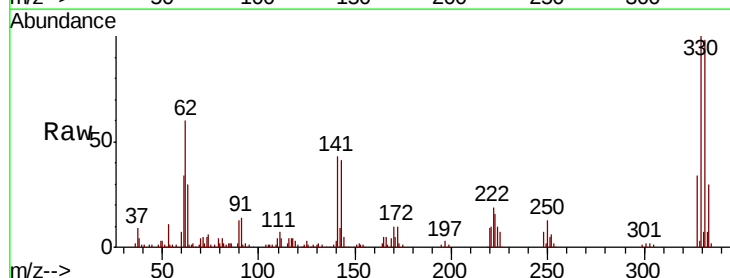


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

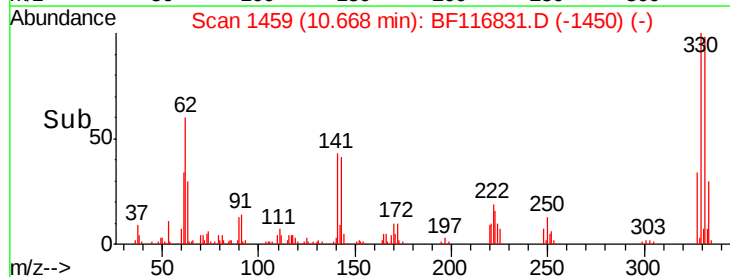
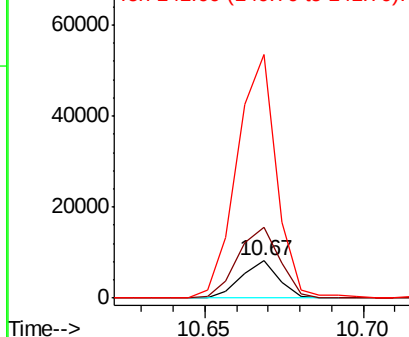


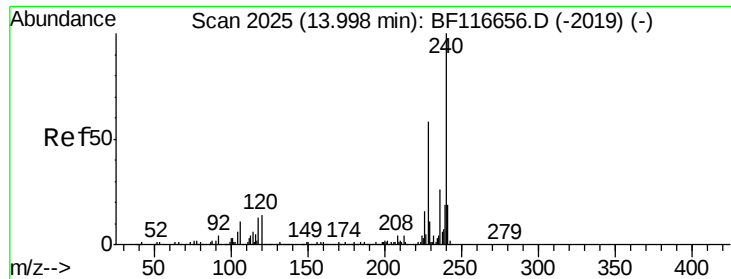
#67
 4-Bromophenyl-phenylether
 Concen: 3.404 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF116831.D
 Acq: 5 Sep 2019 12:15

Tgt Ion:248 Resp: 6683
 Ion Ratio Lower Upper
 248 100
 250 192.9 77.8 116.8#
 141 659.4 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

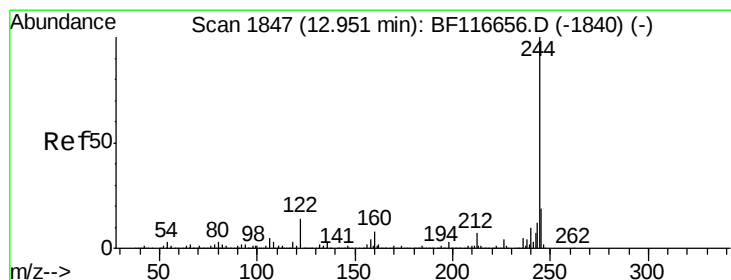
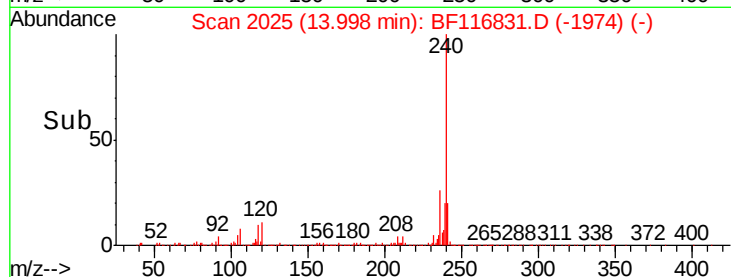
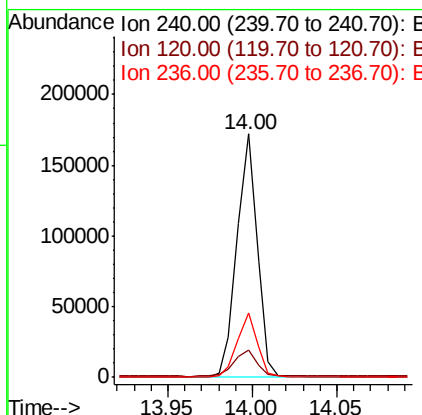
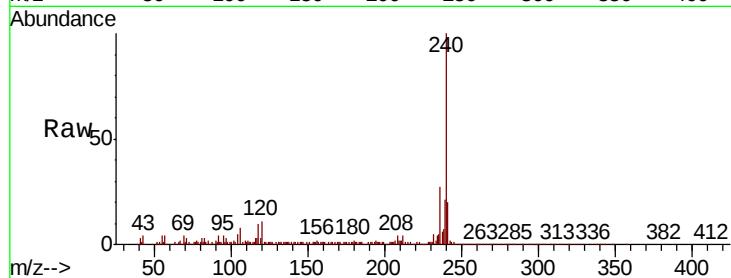




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

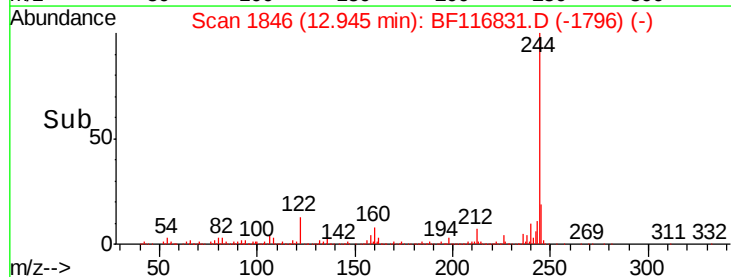
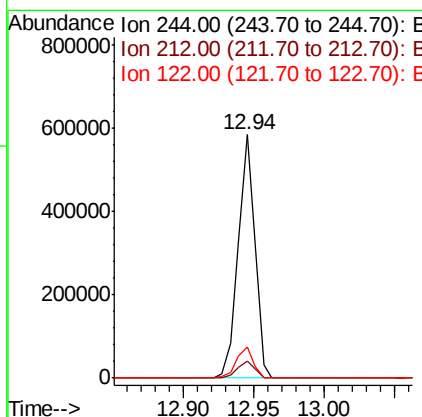
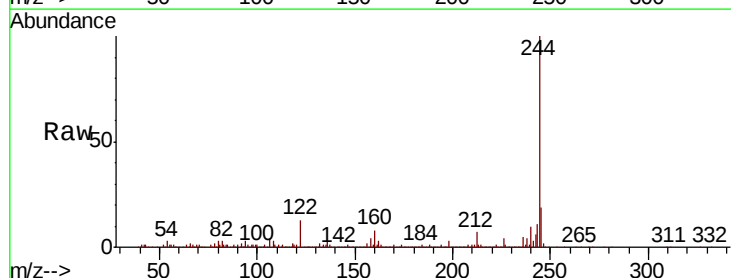
Instrument :
BNA_F
ClientSampleId :

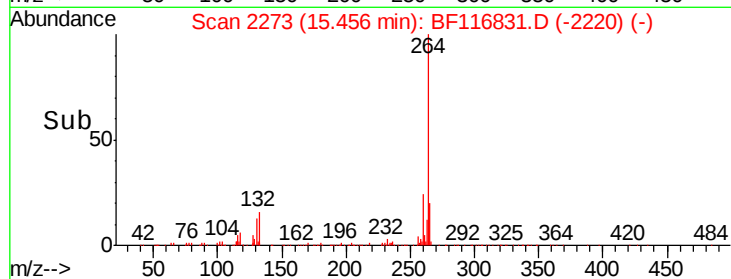
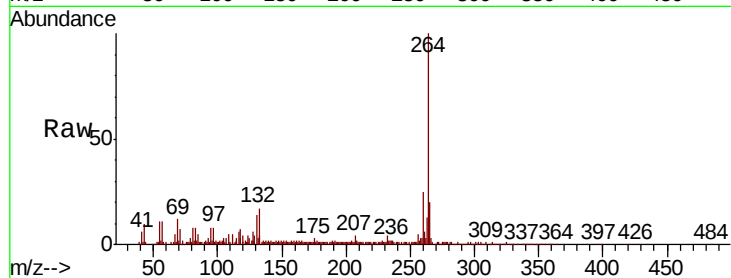
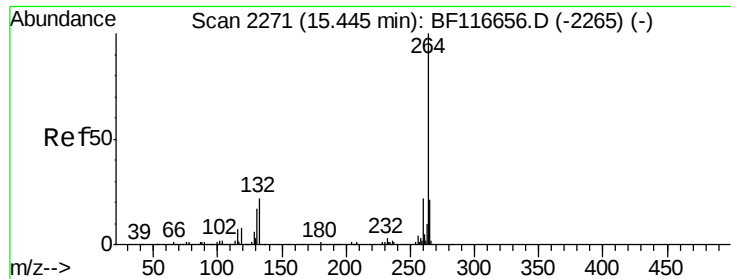
Tot Ion:240 Resp: 143504
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 26.6 21.1 31.7



#79
Terphenyl-d14
Concen: 62.349 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Tgt Ion:244 Resp: 483656
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.9 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116831.D
Acq: 5 Sep 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	20.2	16.5	24.7

