

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116777.D
 Acq On : 3 Sep 2019 17:25
 Operator : HP/JU
 Sample : K4554-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 01:27:09 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

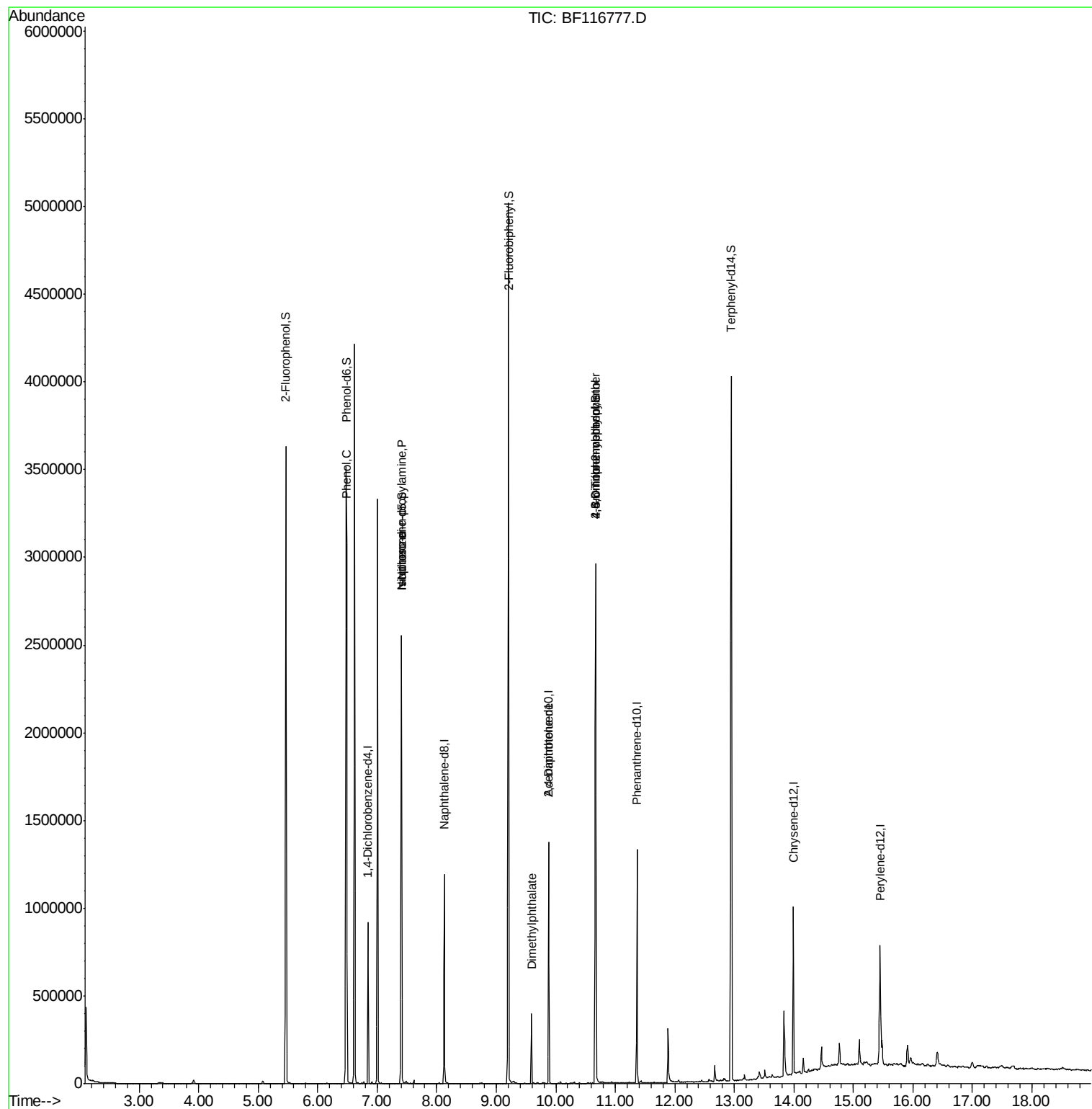
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129675	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502538	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	256682	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	426592	20.00	ng	0.00
76) Chrysene-d12	13.99	240	279299	20.00	ng	0.00
87) Perylene-d12	15.44	264	303250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1147554	143.37	ng	0.00
7) Phenol-d6	6.48	99	1557272	148.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	950278	107.95	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	327848	191.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1522580	100.06	ng	0.00
79) Terphenyl-d14	12.94	244	1467727	97.22	ng	0.00
Target Compounds						
10) Phenol	6.49	94	108678	9.338	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	124425	17.979	ng	# 72
25) Isophorone	7.41	82	950262	53.272	ng	# 66
50) Dimethylphthalate	9.59	163	147906	8.346	ng	97
57) 2,4-Dinitrotoluene	9.88	165	32332	7.821	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.67	198	685	7.819	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	21236	4.900	ng	# 1

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

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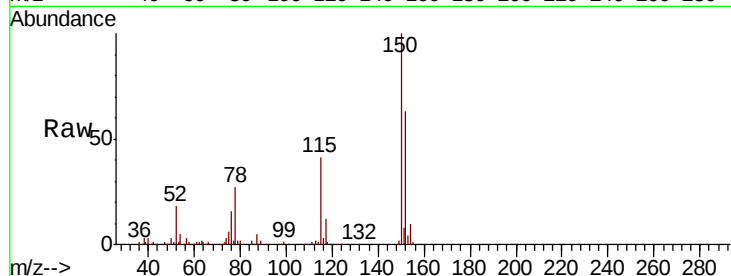


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	65.4	49.9	74.9

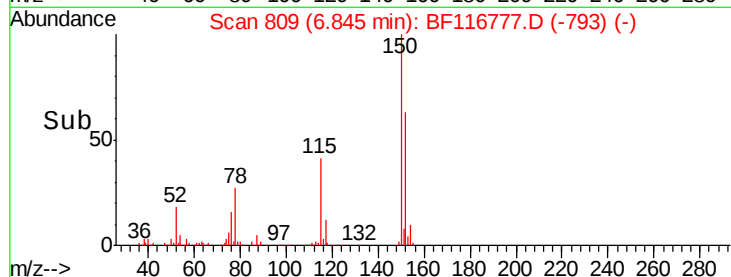
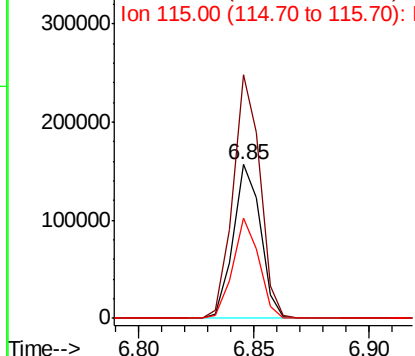


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

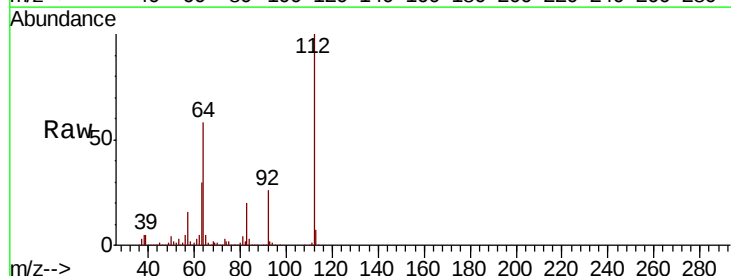
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 143.366 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	29.8	24.9	37.3

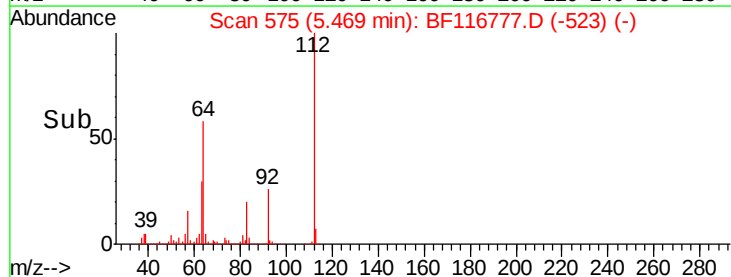
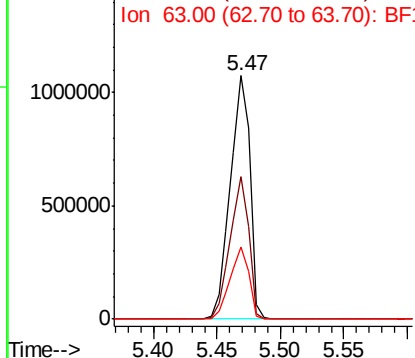


Abundance

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: 148.162 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

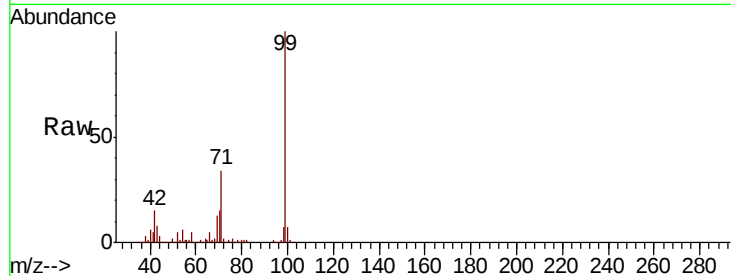
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1557272

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.7	20.5
71	34.3	30.8	46.2

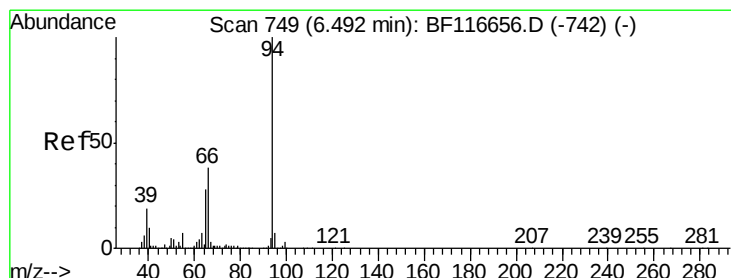
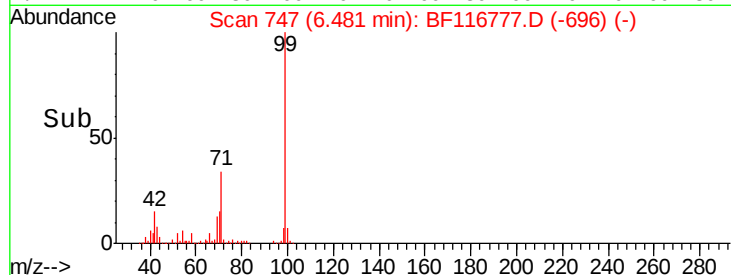
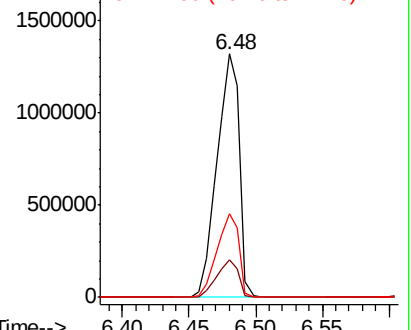


Abundance

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: 9.338 ng

RT: 6.49 min Scan# 749

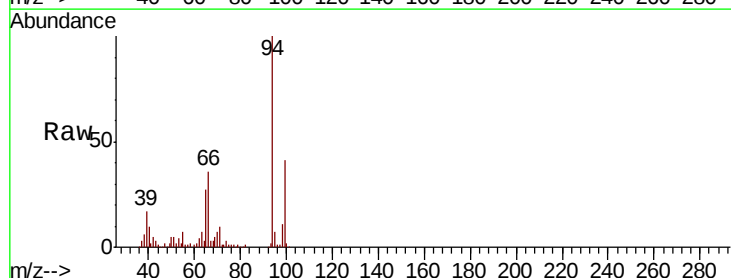
Delta R.T. -0.00 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

Tgt Ion: 94 Resp: 108678

Ion	Ratio	Lower	Upper
94	100		
65	27.0	10.8	50.8
66	35.5	21.1	61.1

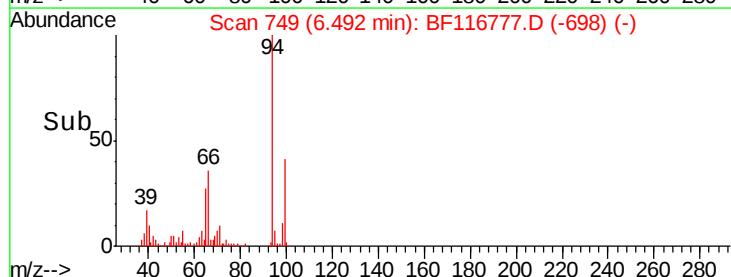
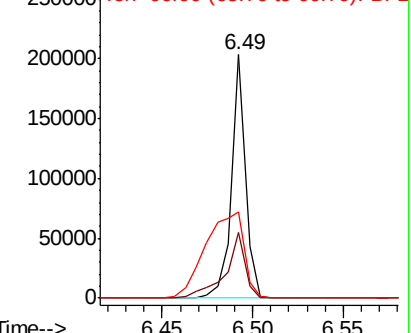


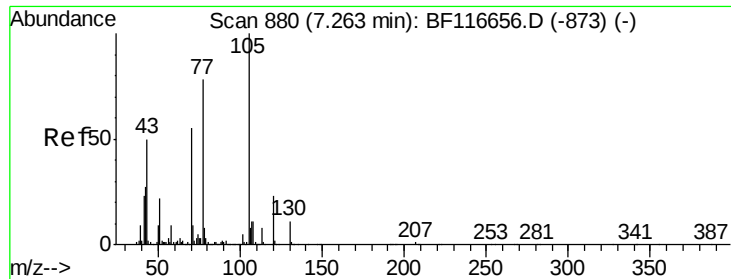
Abundance

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

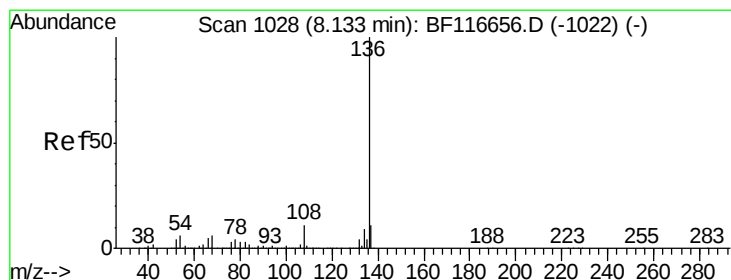
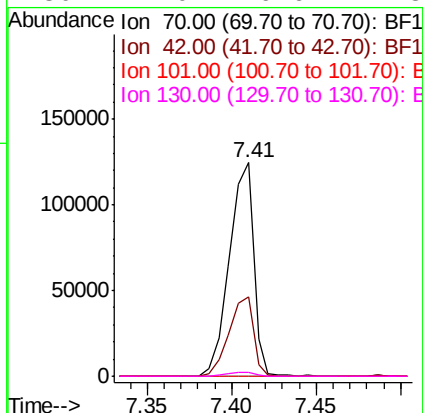
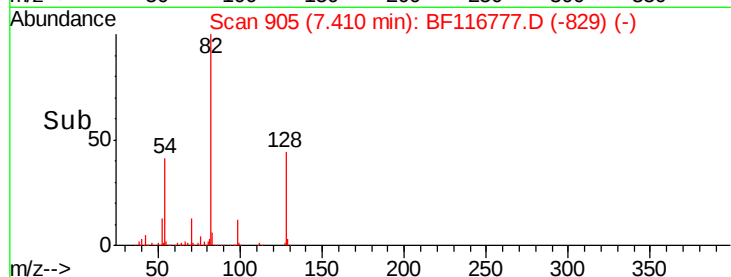
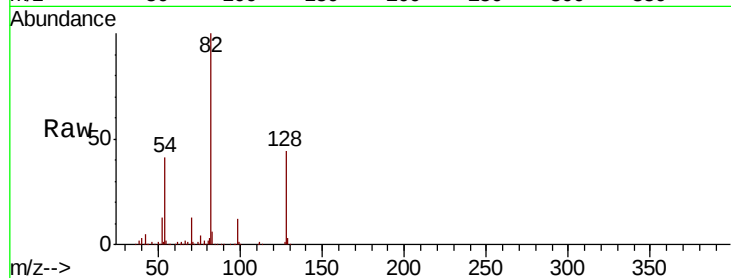




#19
n-Nitroso-di-n-propylamine
Concen: 17.979 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

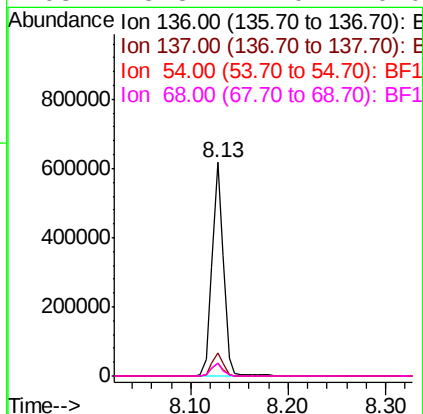
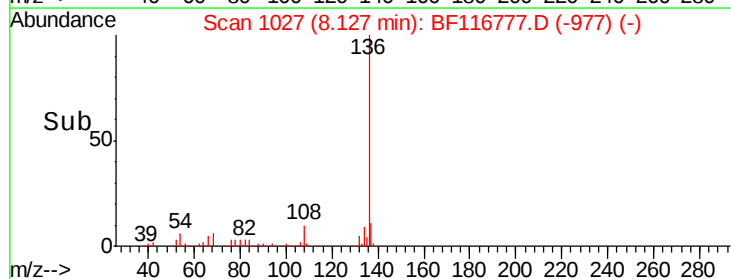
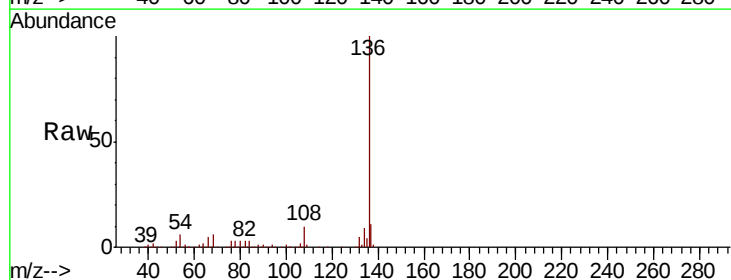
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.5	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	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: BF116777.D
Acq: 3 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	4.8	7.2
68	5.8	4.0	6.0





#23

Nitrobenzene-d5

Concen: 107.950 ng

RT: 7.41 min Scan# 905

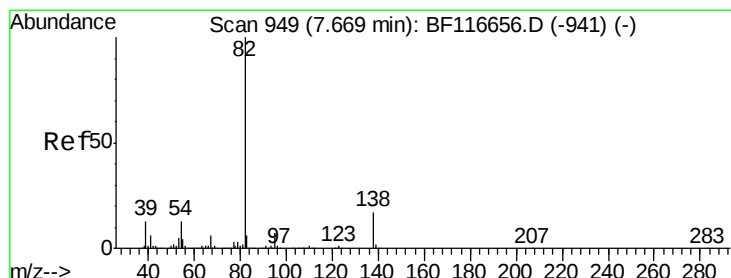
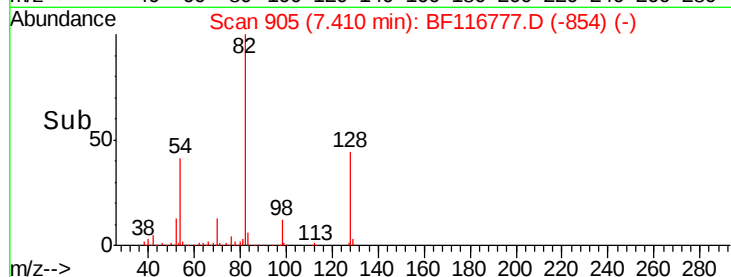
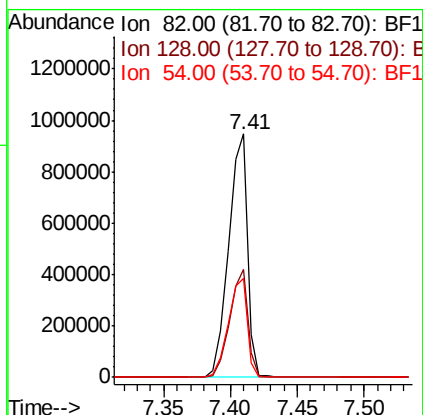
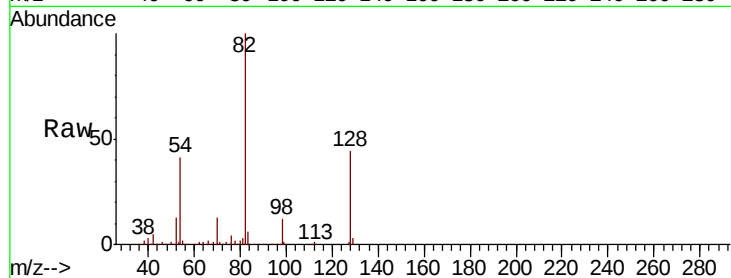
Delta R.T. -0.00 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	950278
Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.8	49.2
54	40.6	36.9	55.3



#25

Isophorone

Concen: 53.272 ng

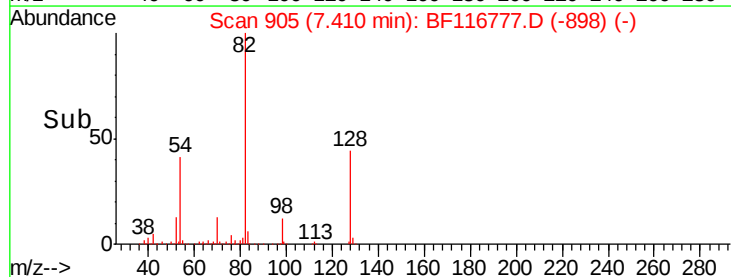
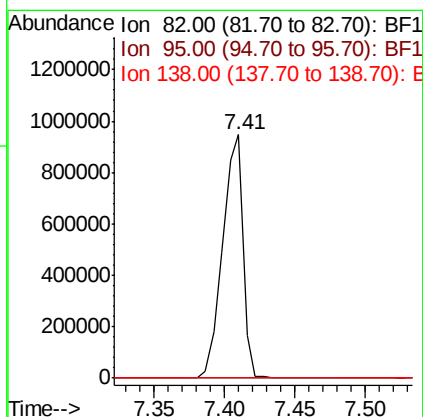
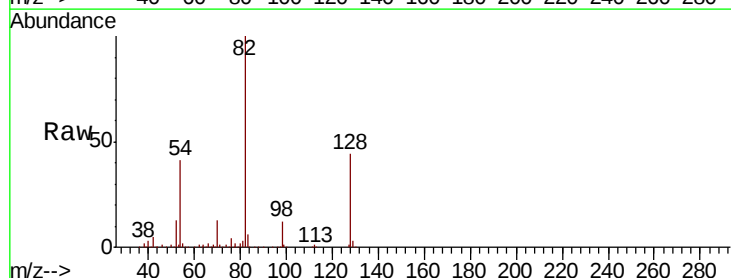
RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

Tgt Ion:	82	Resp:	950262
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

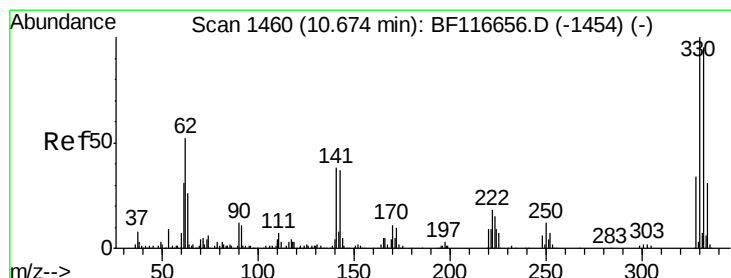
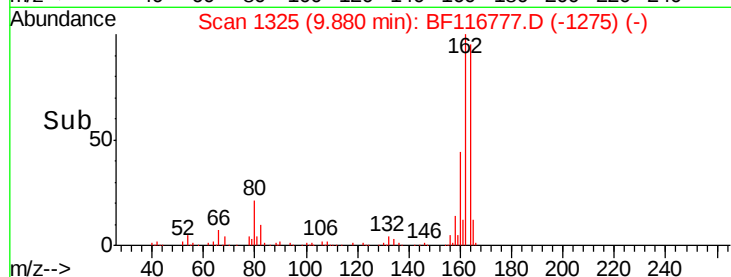
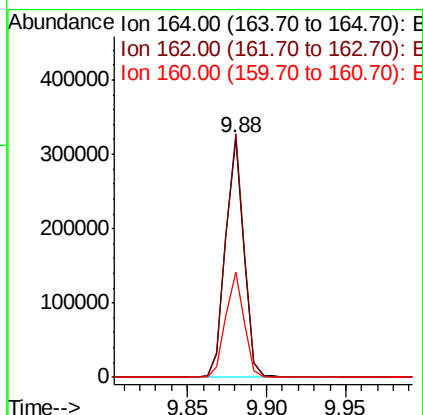
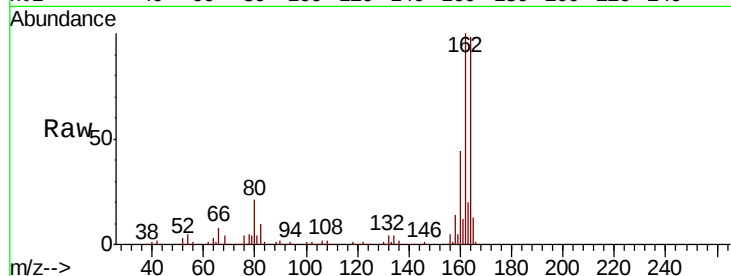




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

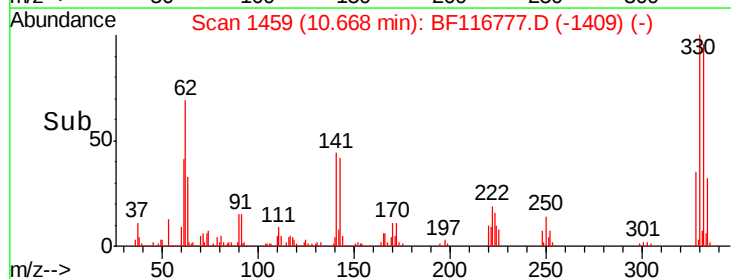
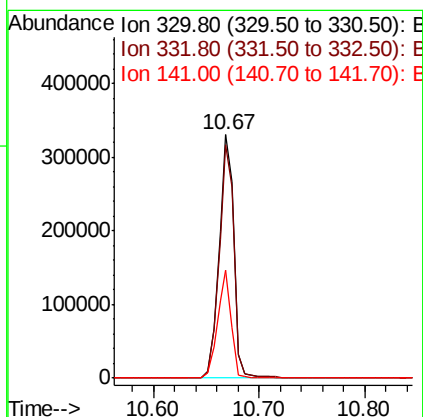
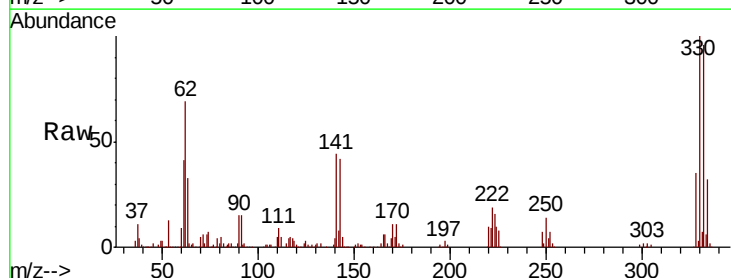
Instrument :
BNA_F
ClientSampleId :

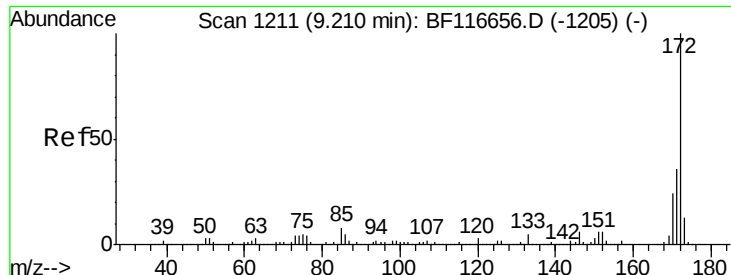
Tot Ion:164 Resp: 256682
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.3 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 191.057 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Tgt Ion:330 Resp: 327848
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 41.5 31.4 47.2



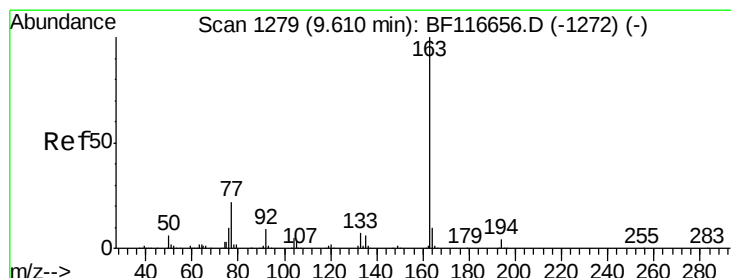
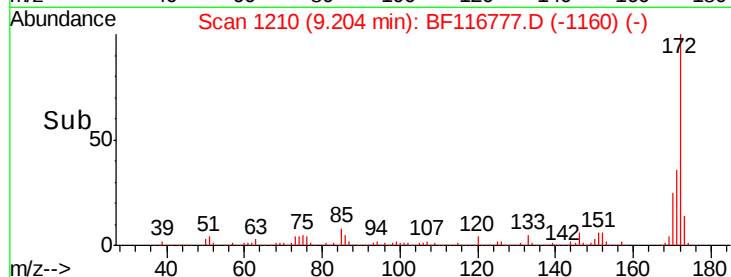
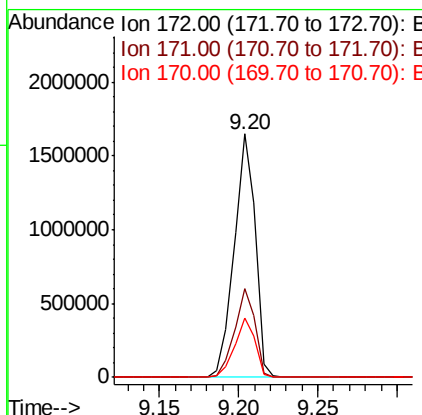
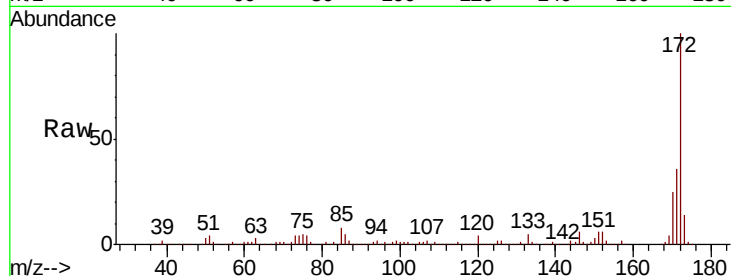


#45
 2-Fluorobiphenyl
 Concen: 100.063 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1522580

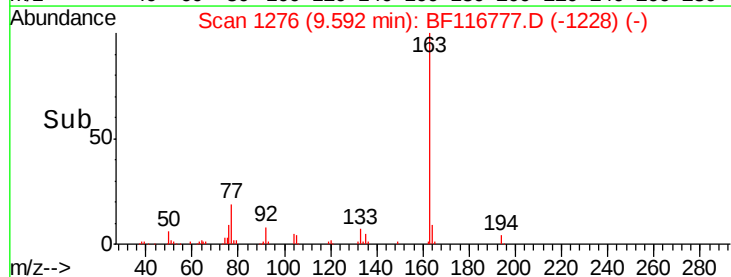
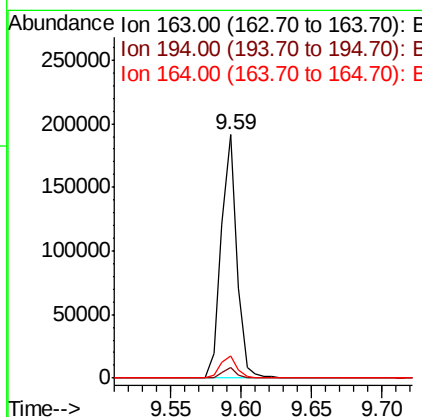
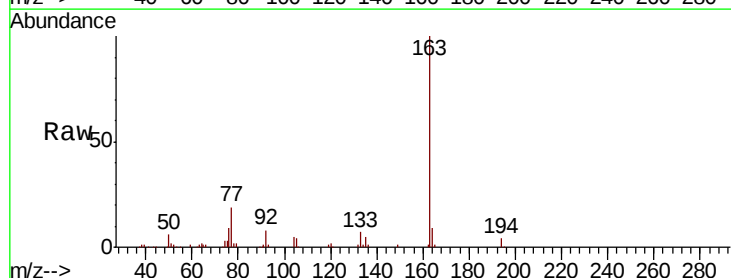
Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	24.5	18.9	28.3



#50
 Dimethylphthalate
 Concen: 8.346 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Tgt Ion:163 Resp: 147906

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.4	8.6	12.8

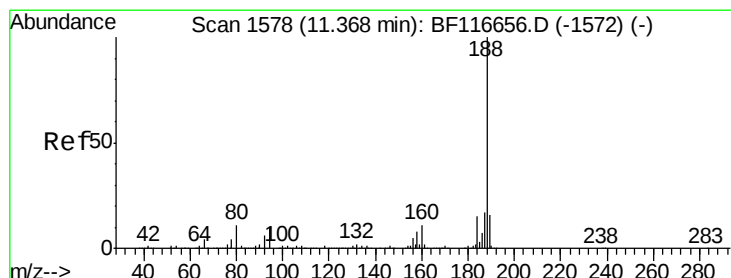
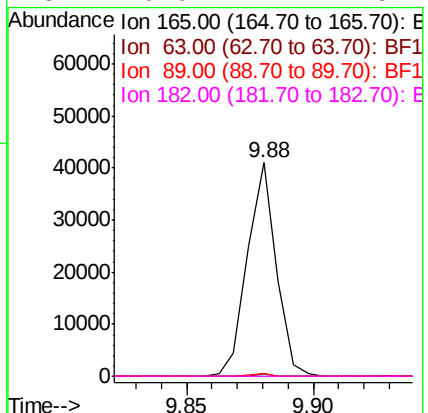
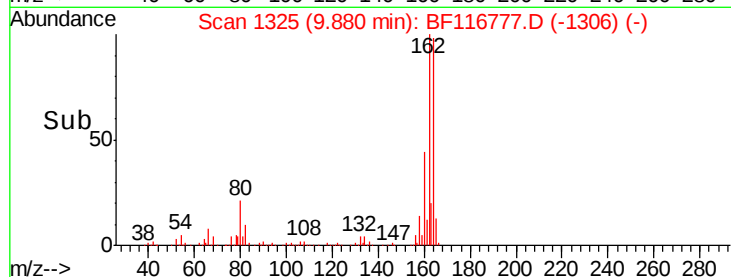
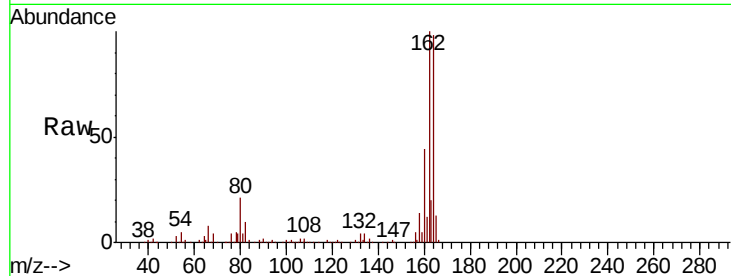




#57
 2,4-Dinitrotoluene
 Concen: 7.821 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

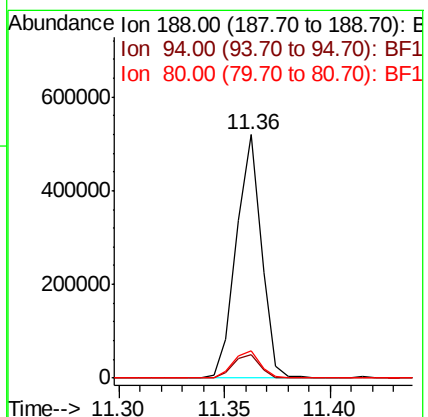
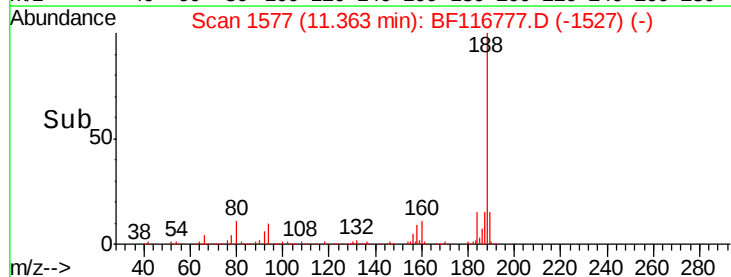
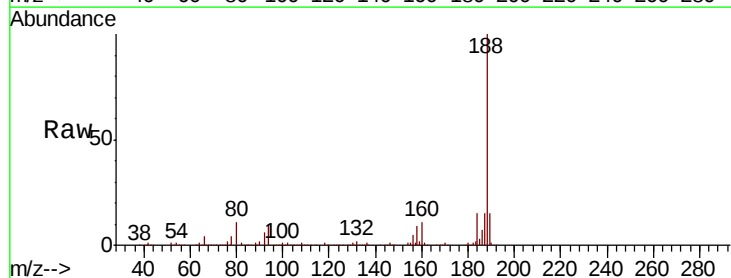
Instrument :
 BNA_F
 ClientSampleId :

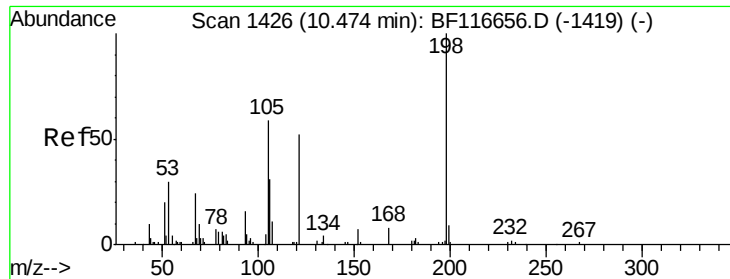
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.3	10.9
80	11.5	8.4	12.6

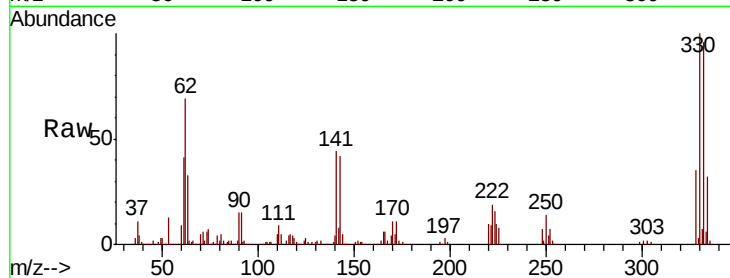




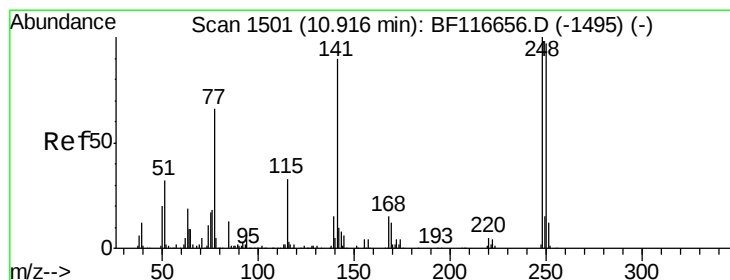
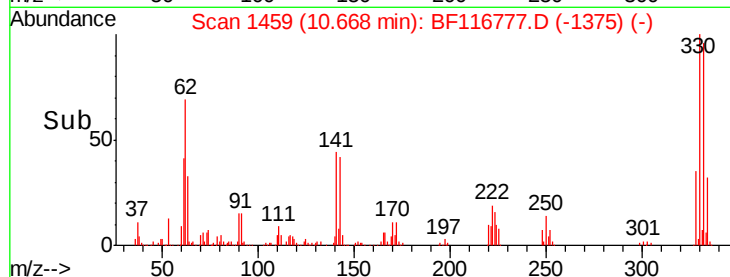
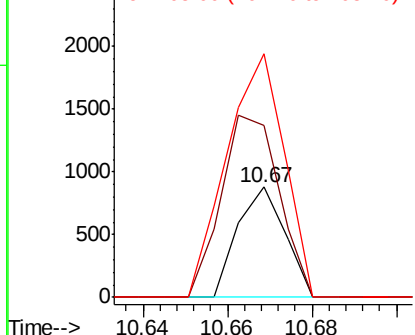
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.819 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.19 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 685
 Ion Ratio Lower Upper
 198 100
 51 156.3 18.4 58.4#
 105 220.9 22.9 62.9#

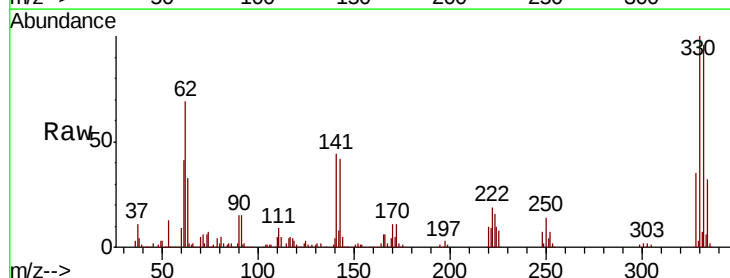


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

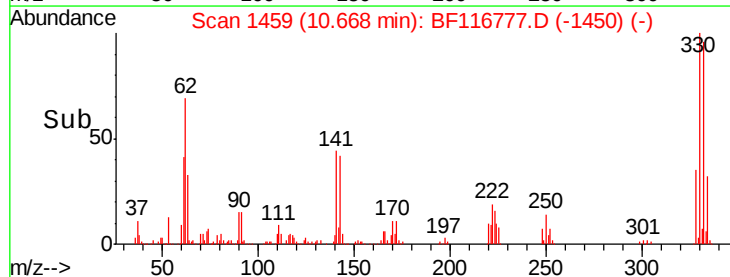
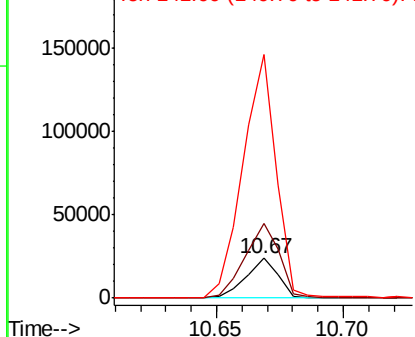


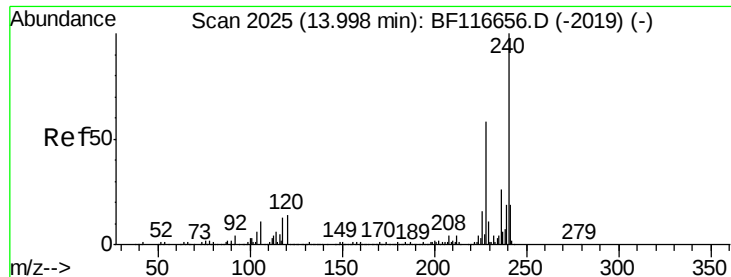
#67
 4-Bromophenyl-phenylether
 Concen: 4.900 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Tgt Ion:248 Resp: 21236
 Ion Ratio Lower Upper
 248 100
 250 189.7 77.8 116.8#
 141 614.6 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

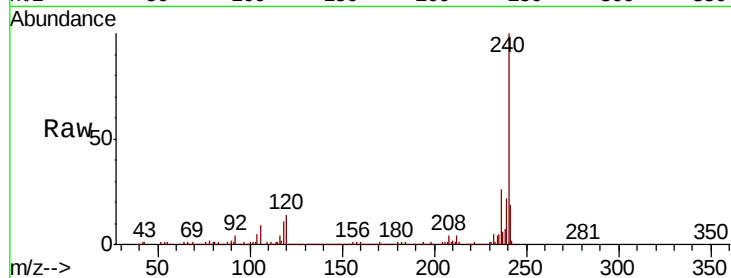




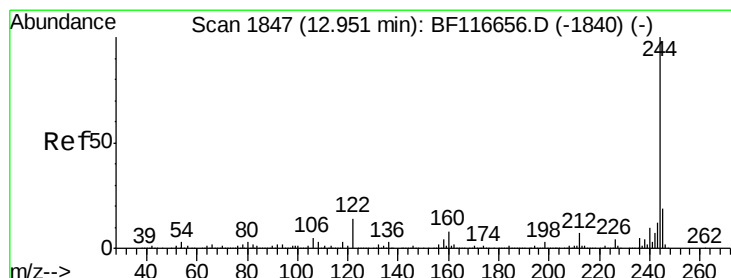
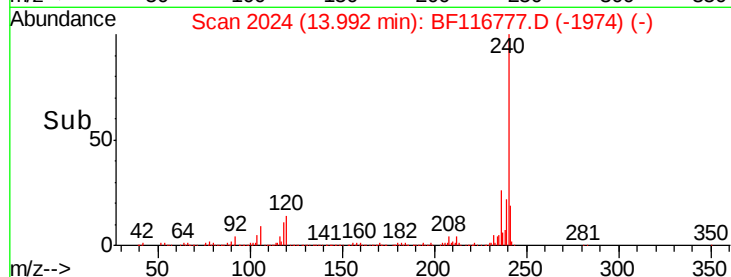
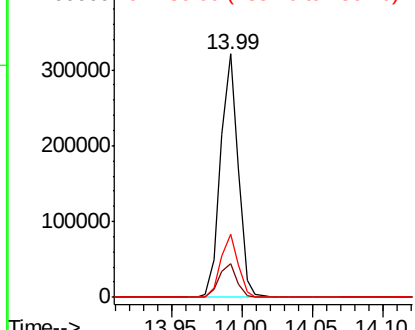
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 279299
Ion Ratio Lower Upper
240 100
120 13.8 9.1 13.7#
236 26.2 21.1 31.7

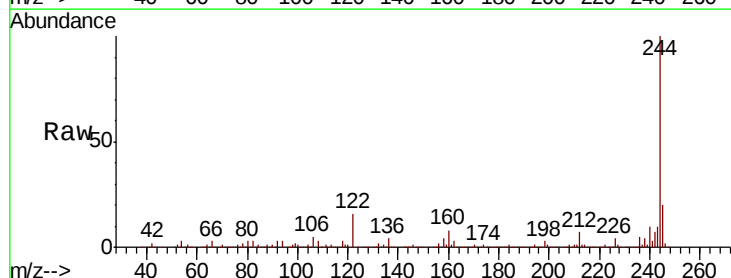


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

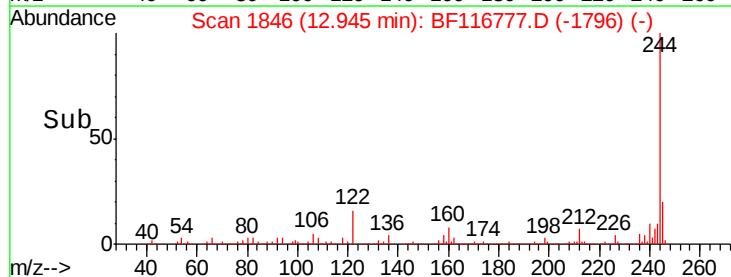
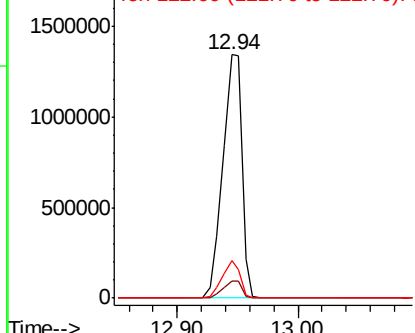


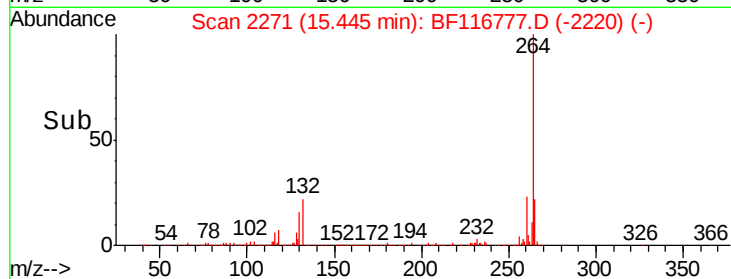
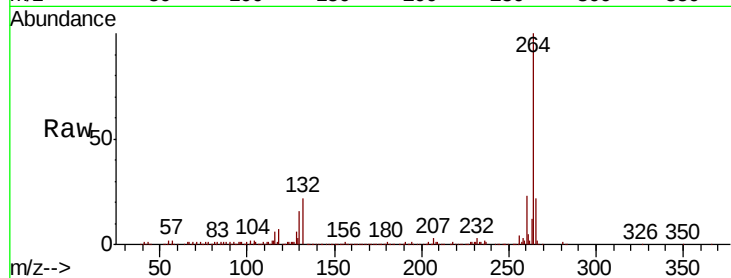
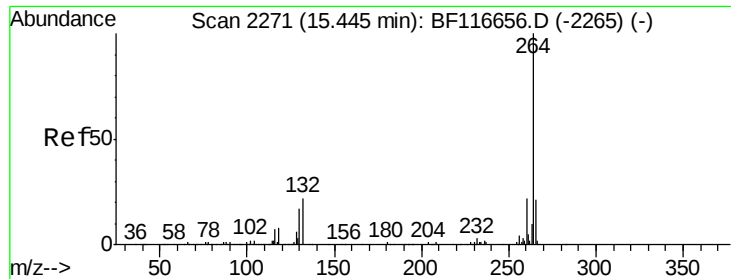
#79
Terphenyl-d14
Concen: 97.215 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Tgt Ion:244 Resp: 1467727
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 15.5 10.2 15.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.9	16.5	24.7

