Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF115012.D
Acq On : 13 Jun 2019 20:03
Operator : HP/JU
Sample : K3345-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-MW-10_061119

Quant Time: Jun 14 03:48:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	263201	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	988774	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	465063	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	824859	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	554401	20.00	ng	-0.01
87) Perylene-d12	15.14	264	556218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	927630	58.85	ng	0.00
7) Phenol-d6	6.29	99	737159	38.77	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1414337	86.10	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	547862	110.01	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2591295	94.43	ng	0.00
79) Terphenyl-d14	12.73	244	2330261	79.06	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.29	77	1118	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	188769	16.340	ng	# 78
25) Isophorone	7.21	82	1391701	45.234	ng	# 62
51) 2,6-Dinitrotoluene	9.67	165	59000	7.437	ng	# 36
57) 2,4-Dinitrotoluene	9.67	165	59000	5.843	ng	# 29
58) Fluorene	10.46	166	24352	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.46	248	35320	3.988	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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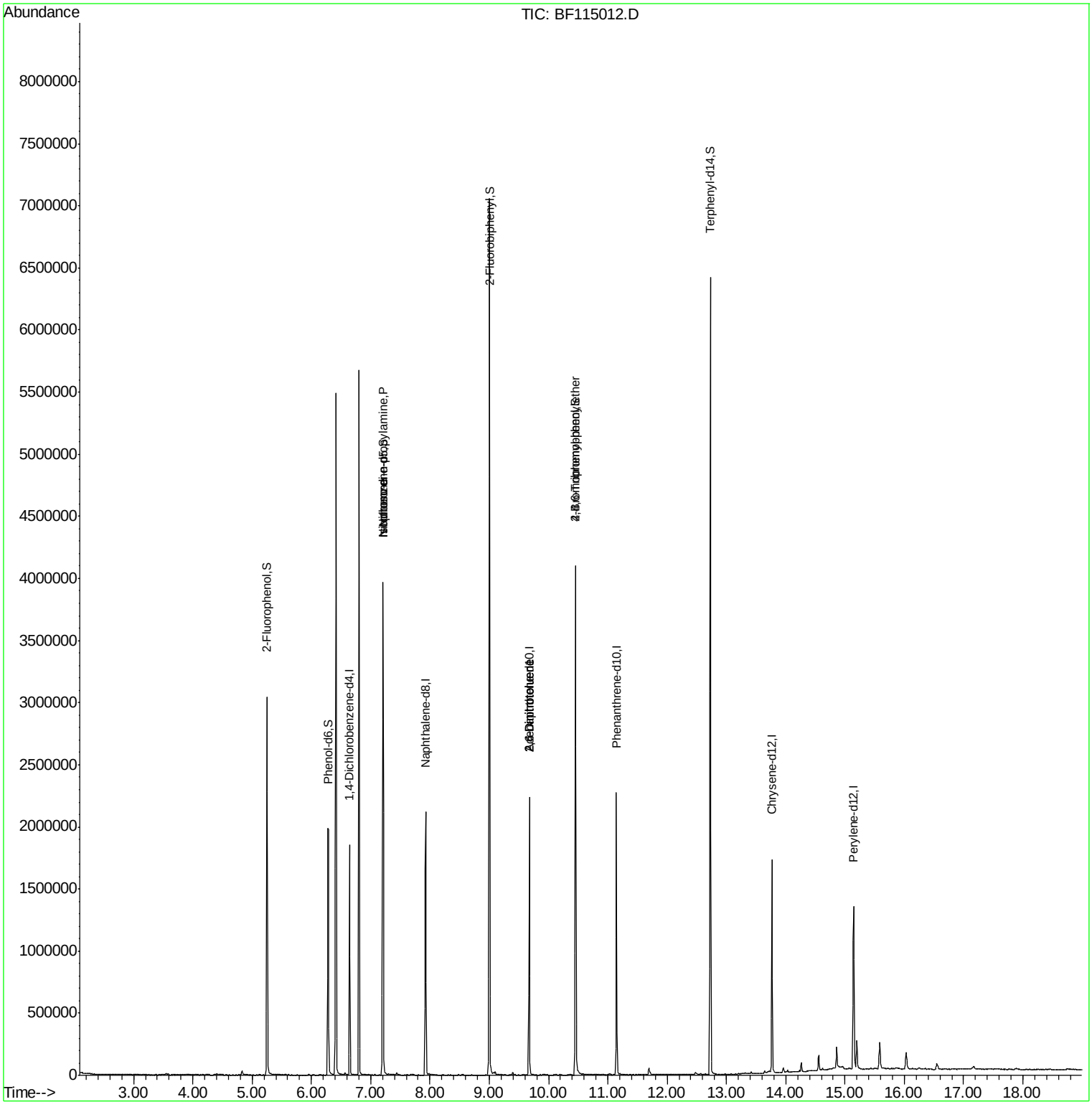
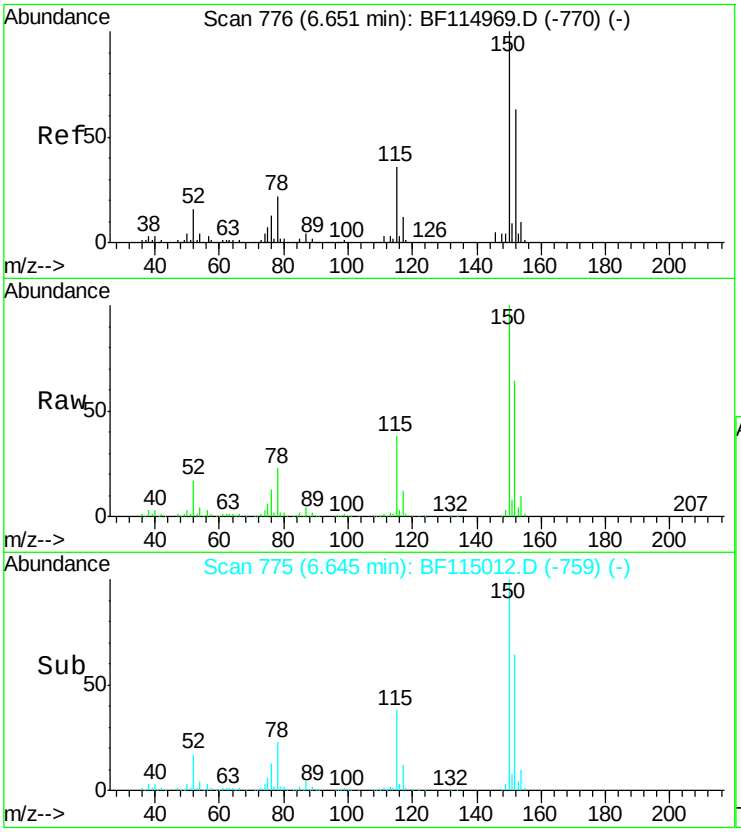


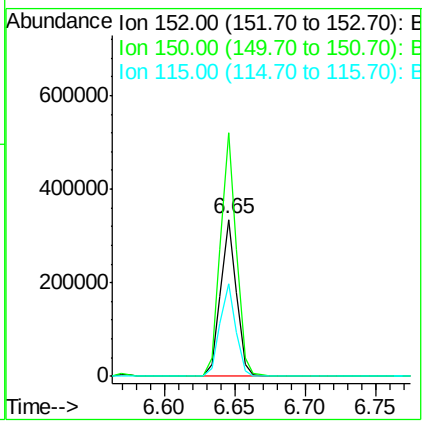


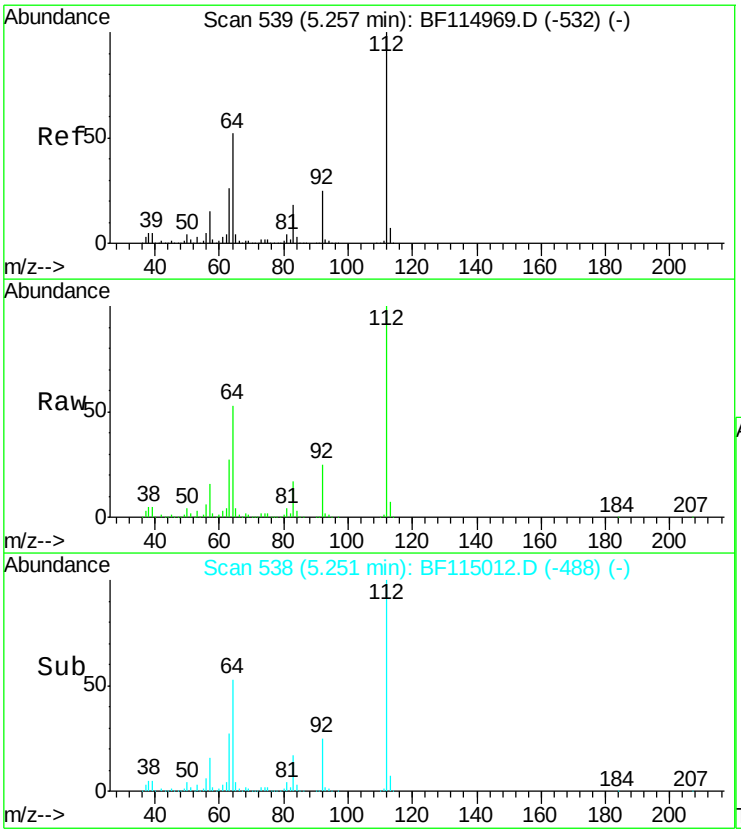
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:152 Resp: 263201

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.0
115	58.7	46.0	69.0

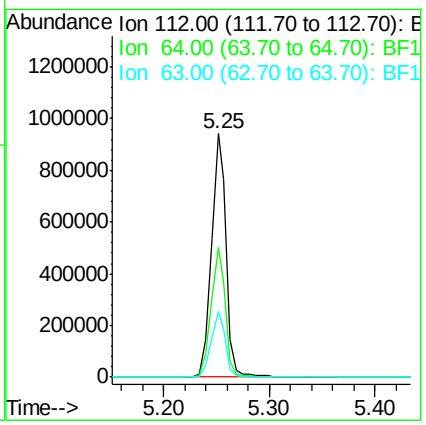


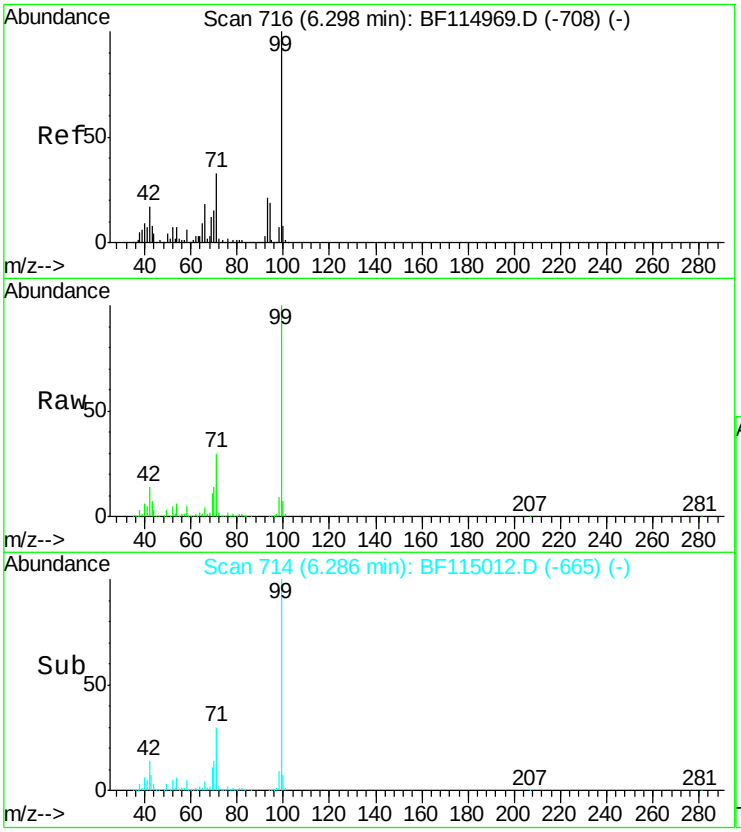


#5
2-Fluorophenol
Concen: 58.850 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:112 Resp: 927630

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.6	62.4
63	27.2	20.9	31.3



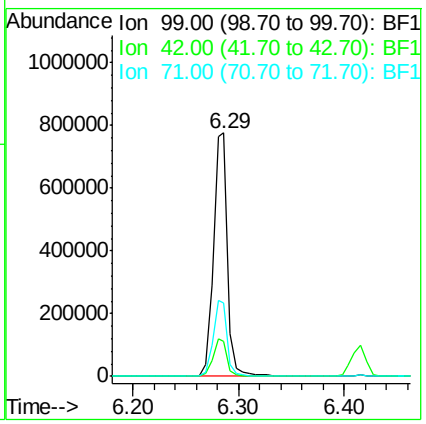


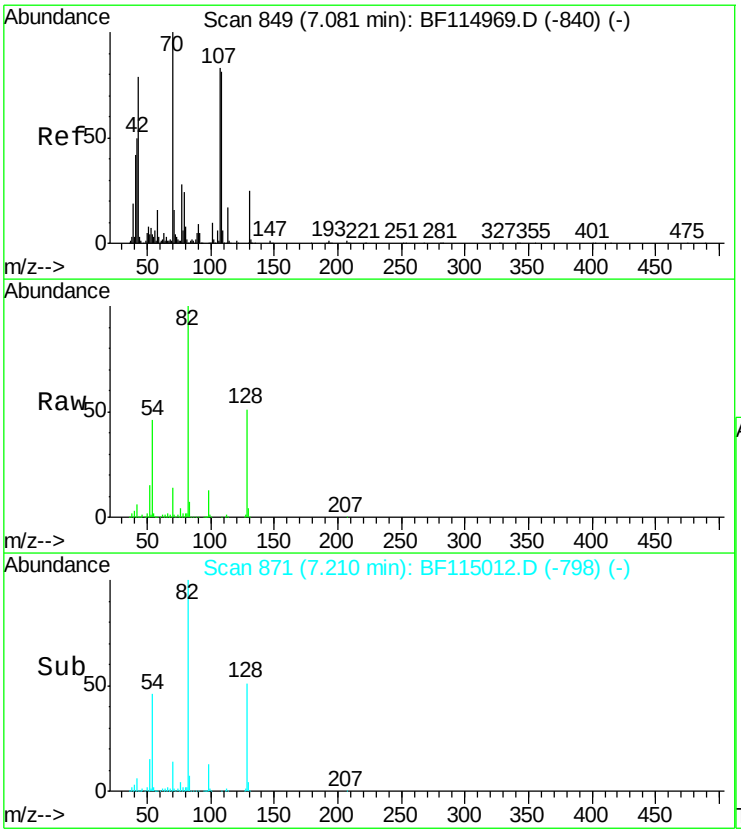
#7
Phenol-d6
Concen: 38.769 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion: 99 Resp: 737159

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.4	20.2
71	30.3	26.4	39.6

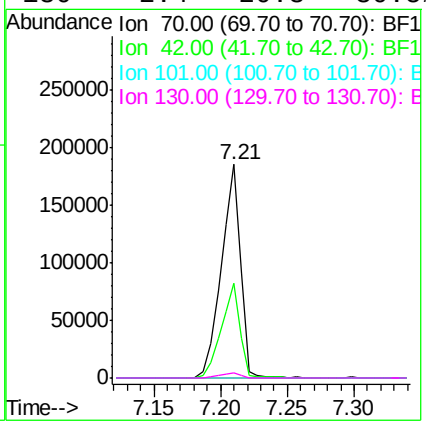


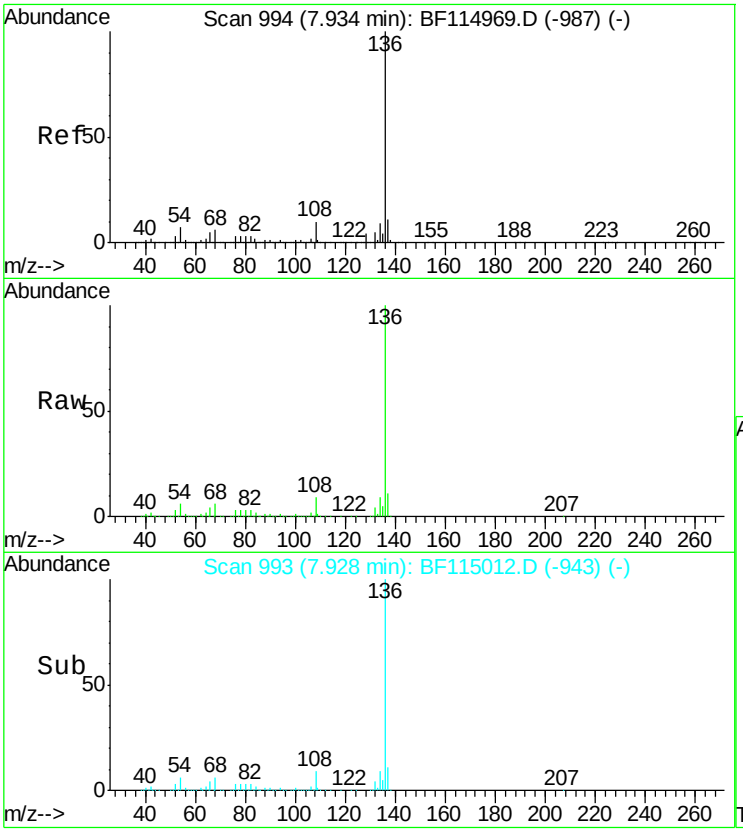


#19
n-Nitroso-di-n-propylamine
Concen: 16.340 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion: 70 Resp: 188769

Ion	Ratio	Lower	Upper
70	100		
42	44.1	40.3	60.5
101	0.0	8.2	12.4#
130	2.4	20.3	30.5#



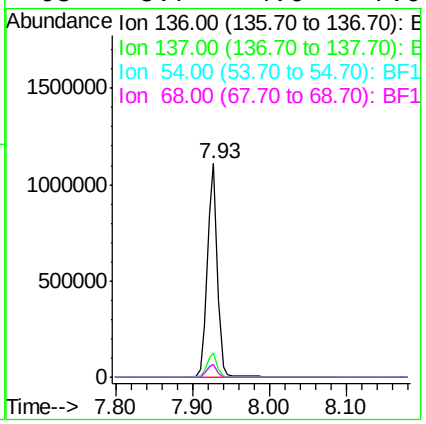


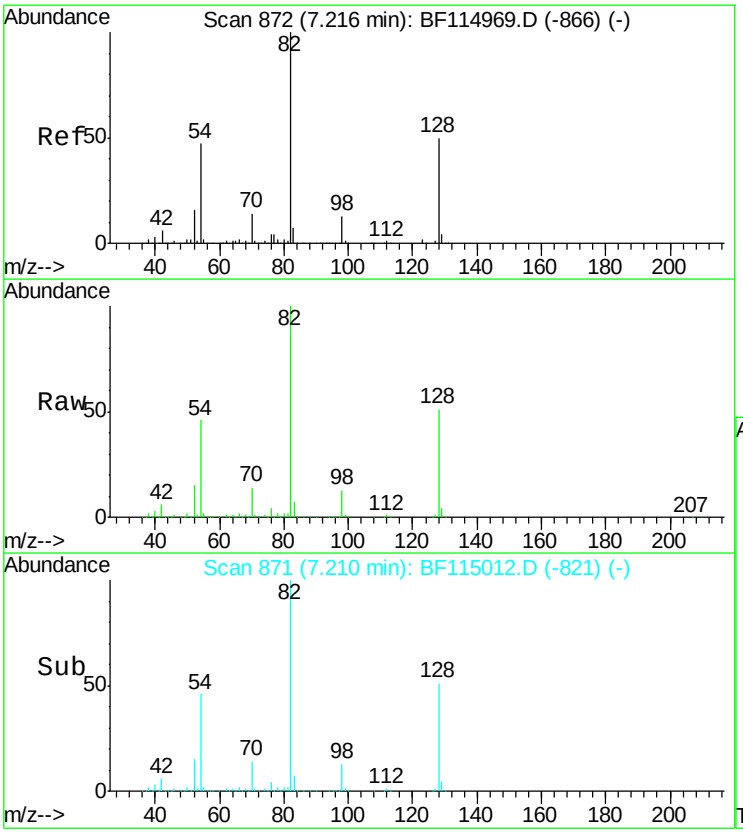
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:136 Resp: 988774

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.1	5.4	8.0
68	5.7	4.6	7.0

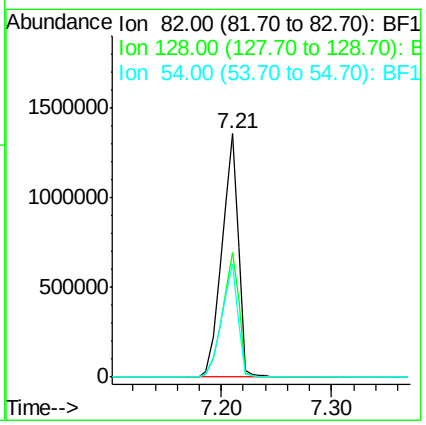


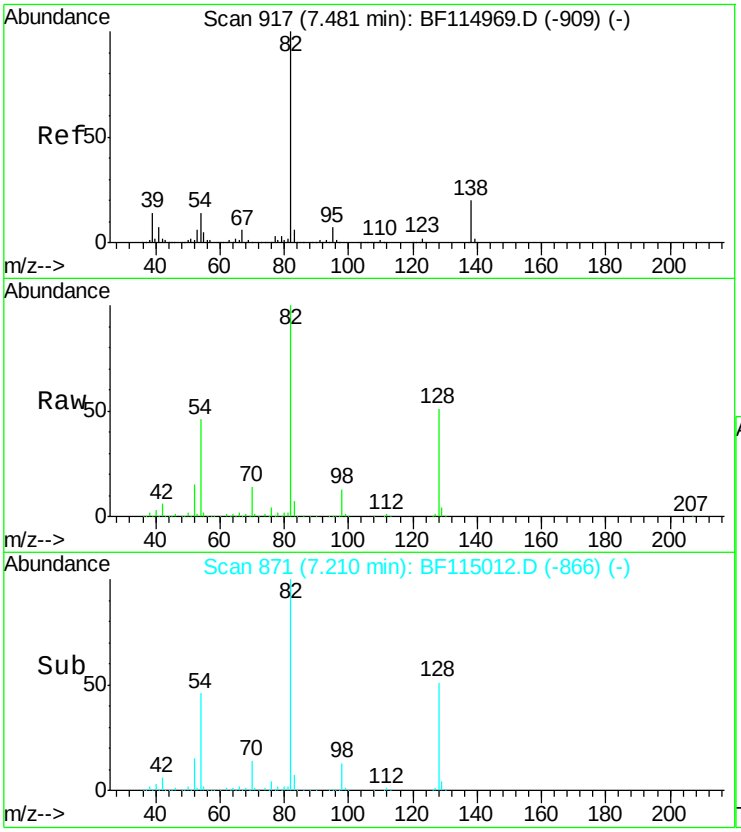


#23
Nitrobenzene-d5
Concen: 86.098 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion: 82 Resp: 1414337

Ion	Ratio	Lower	Upper
82	100		
128	51.0	39.9	59.9
54	46.4	37.3	55.9



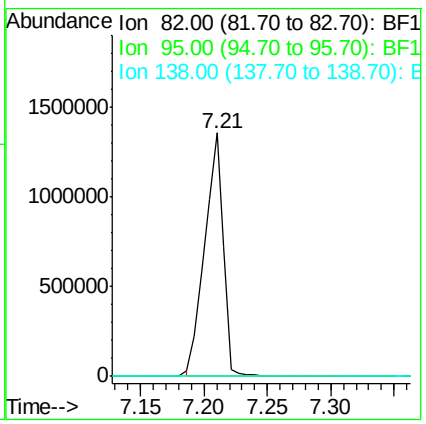


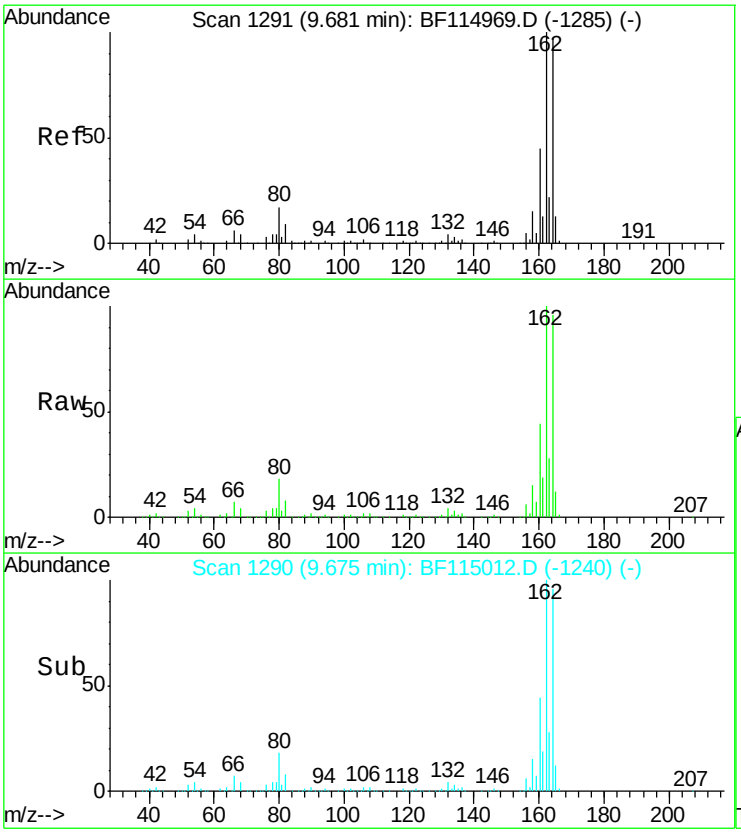
#25
Isophorone
Concen: 45.234 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion: 82 Resp: 1391701

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	16.1	24.1#

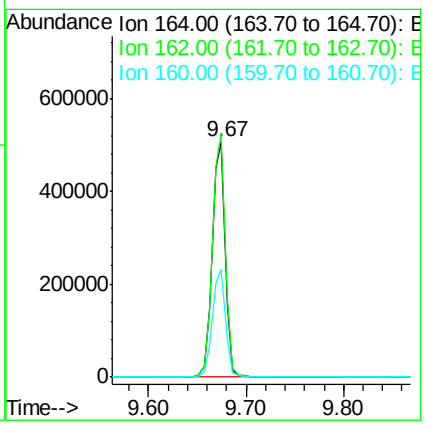


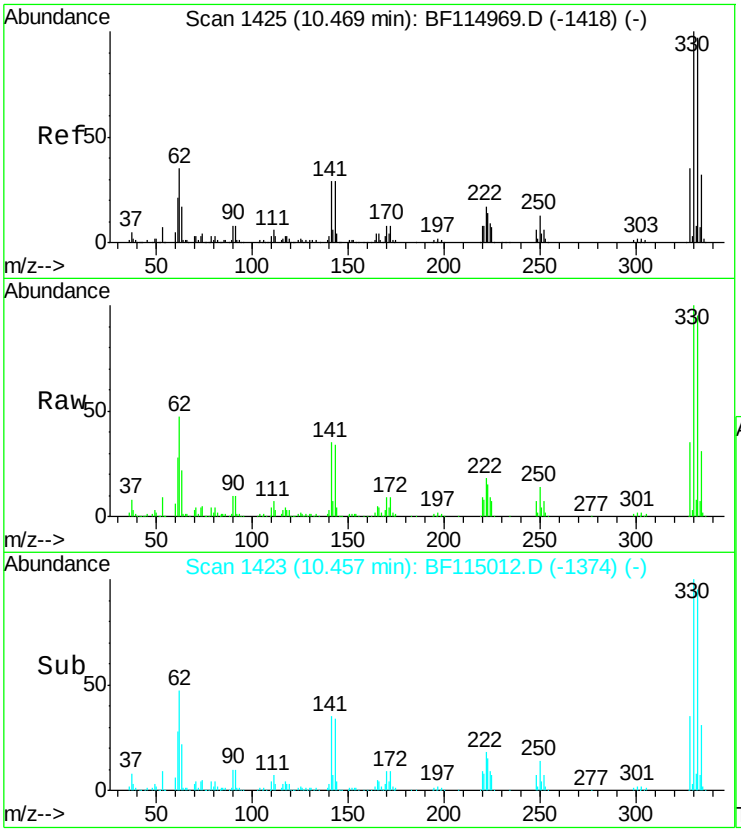


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:164 Resp: 465063

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	124.0
160	45.8	36.9	55.3



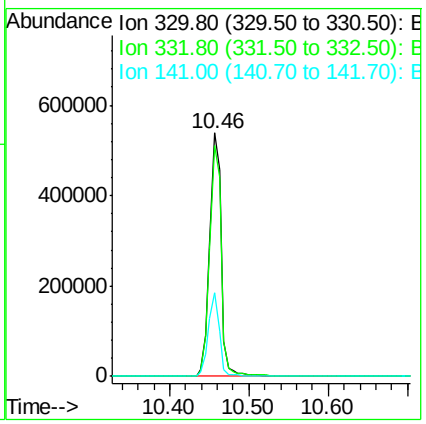


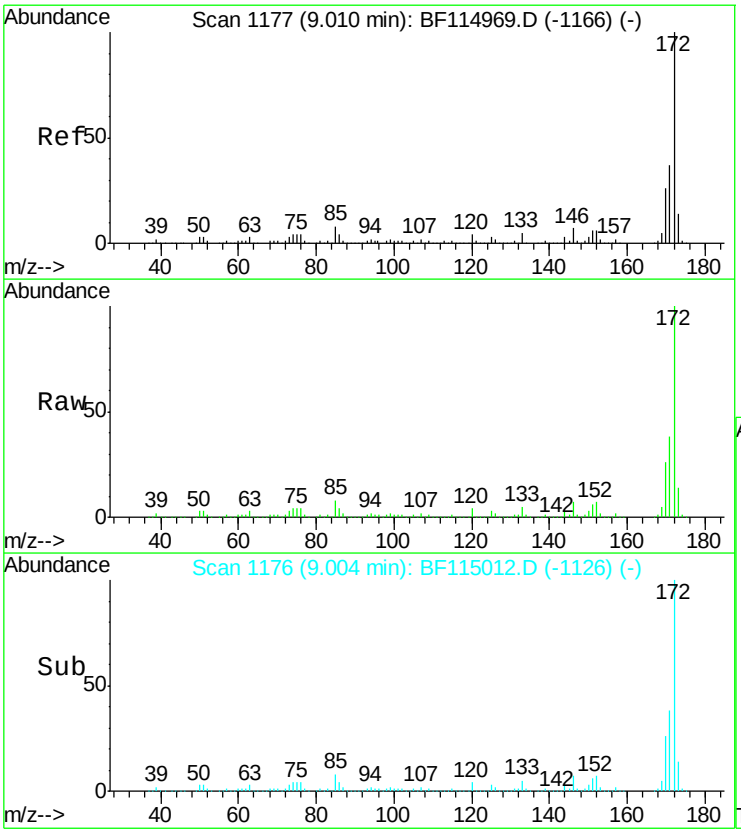
#42
2,4,6-Tribromophenol
Concen: 110.008 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:330 Resp: 547862

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	32.9	27.2	40.8

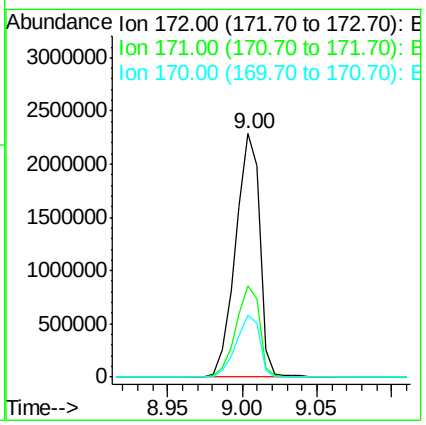


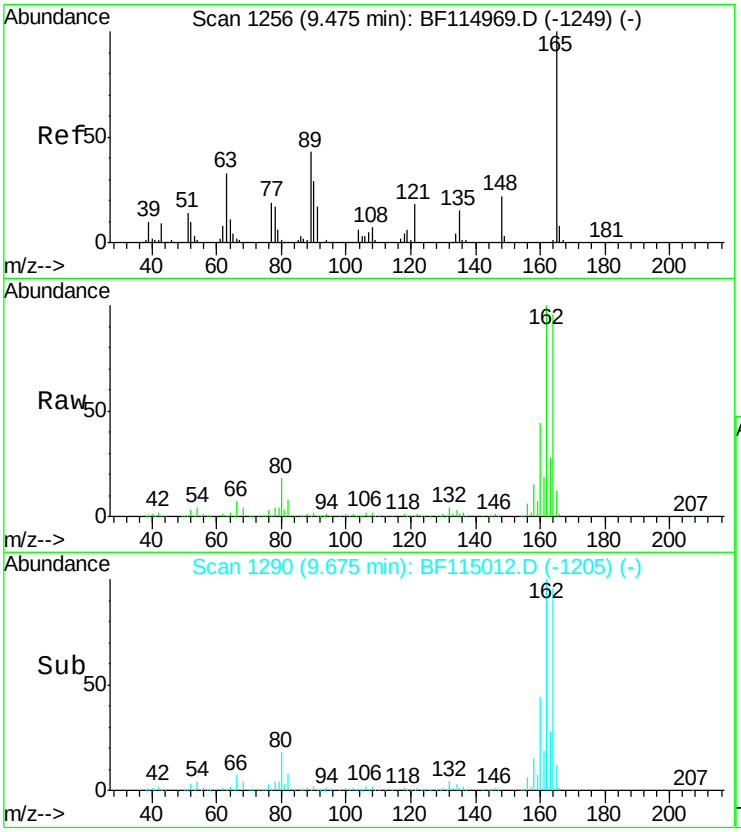


#45
2-Fluorobiphenyl
Concen: 94.435 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:172 Resp: 2591295

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.6	20.6	31.0



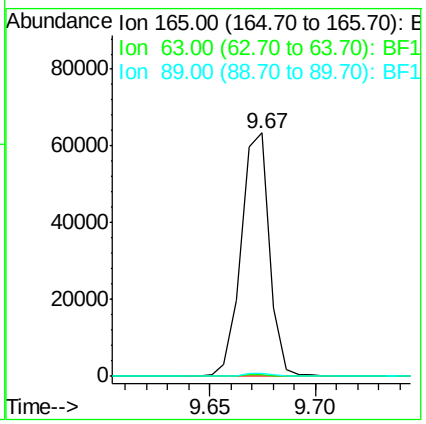


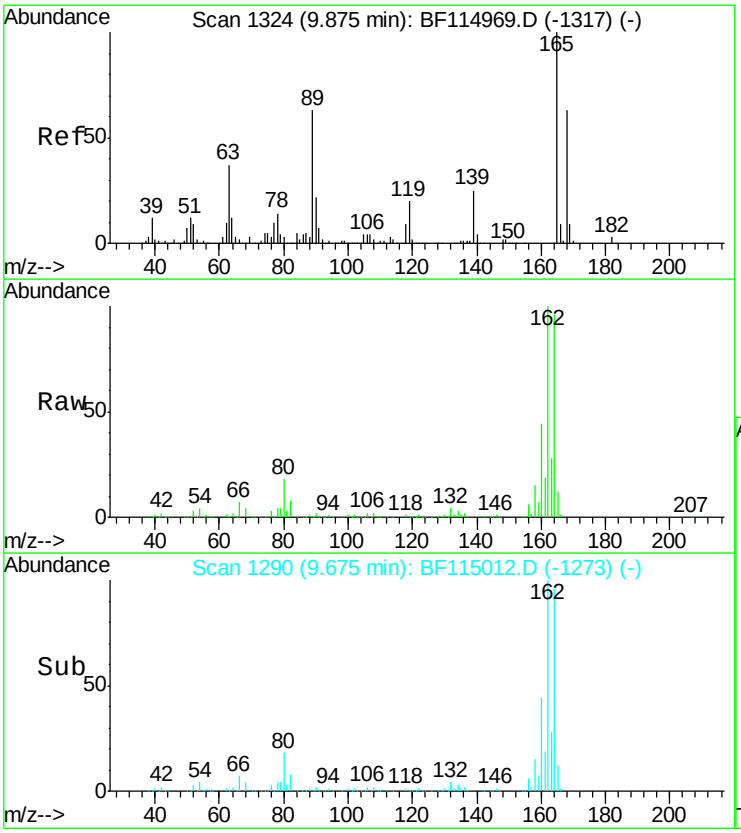
#51
2,6-Dinitrotoluene
Concen: 7.437 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:165 Resp: 59000

Ion	Ratio	Lower	Upper
165	100		
63	0.8	30.6	46.0#
89	1.3	34.4	51.6#

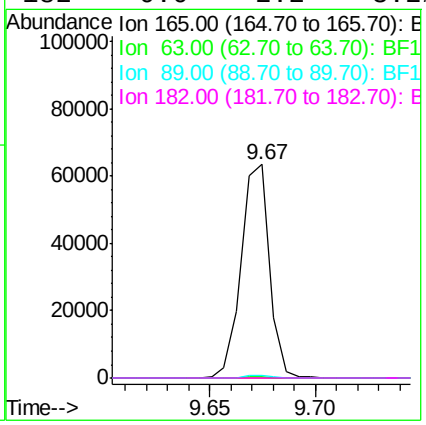


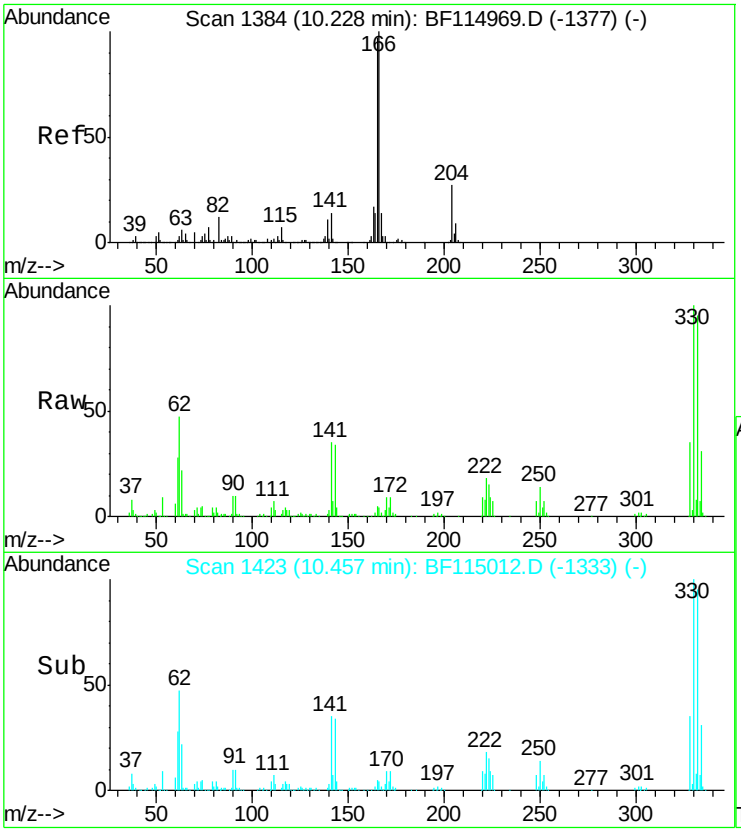


#57
2,4-Dinitrotoluene
Concen: 5.843 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:165 Resp: 59000

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.4	44.2#
89	1.3	50.6	75.8#
182	0.0	2.2	3.2#



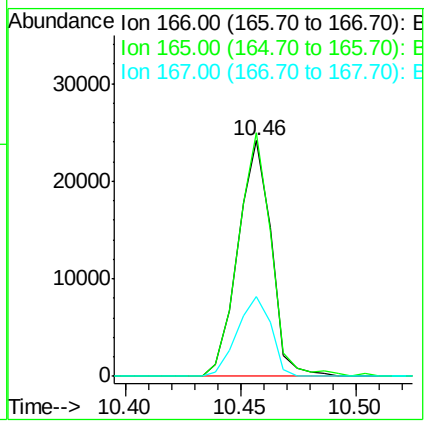


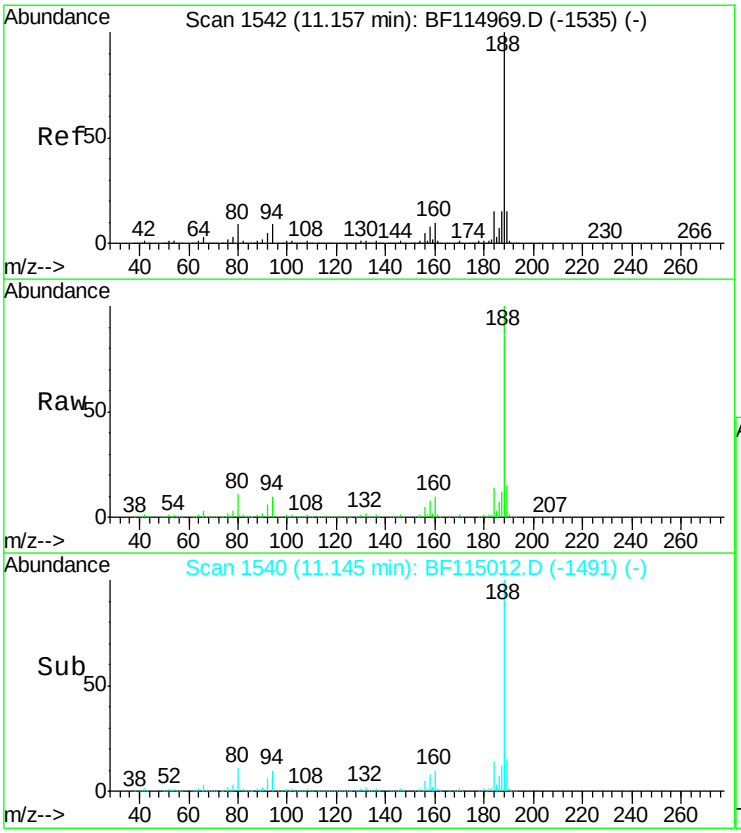
#58
Fluorene
Concen: Below Cal
RT: 10.46 min Scan# 1423
Delta R.T. 0.23 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:166 Resp: 24352

Ion	Ratio	Lower	Upper
166	100		
165	103.4	77.6	116.4
167	34.0	11.0	16.4#

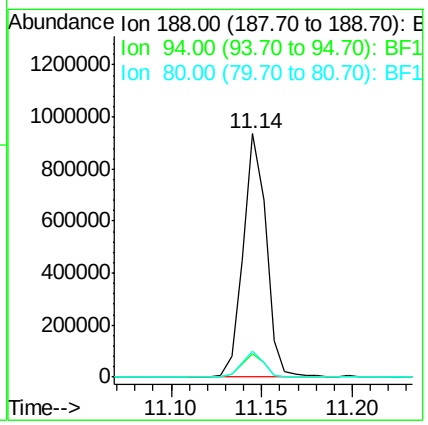


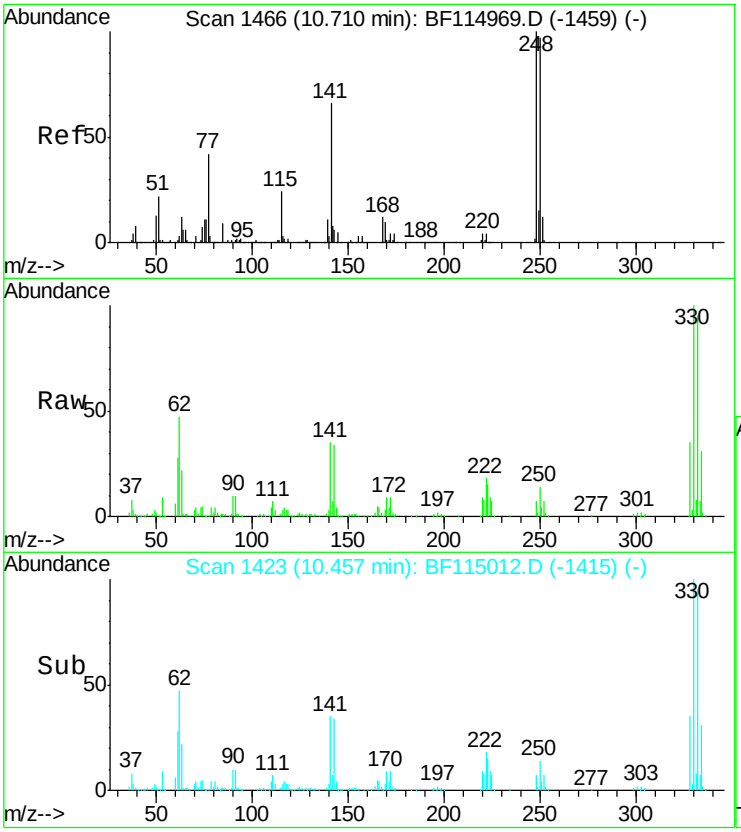


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:188 Resp: 824859

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.7	7.4	11.2



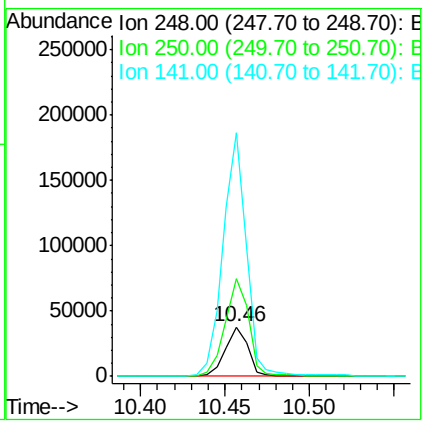


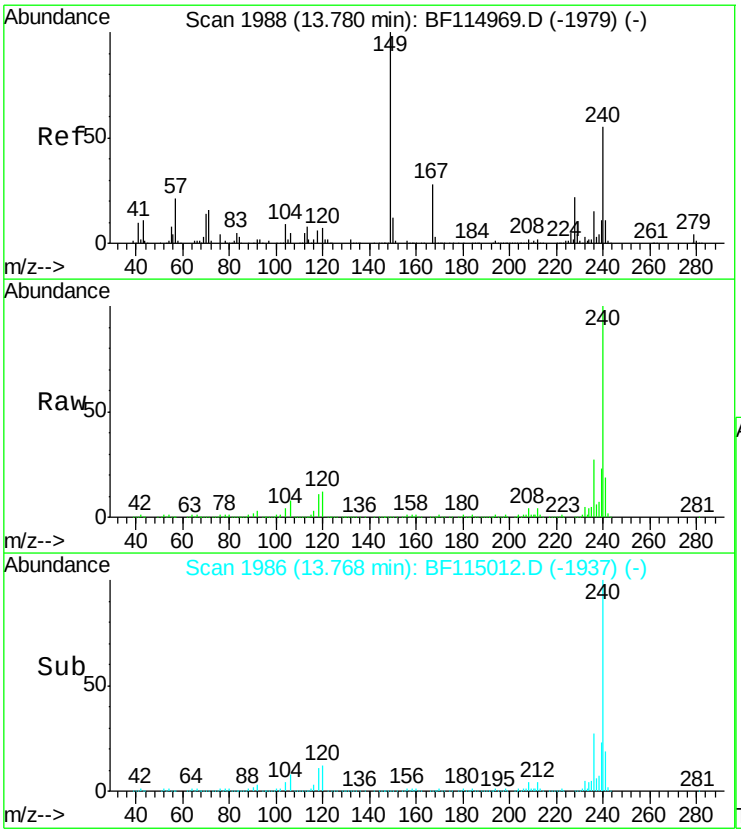
#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:248 Resp: 35320

Ion	Ratio	Lower	Upper
248	100		
250	197.0	77.8	116.8#
141	493.2	53.1	79.7#

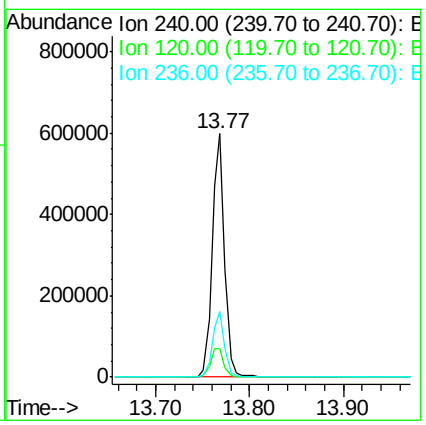


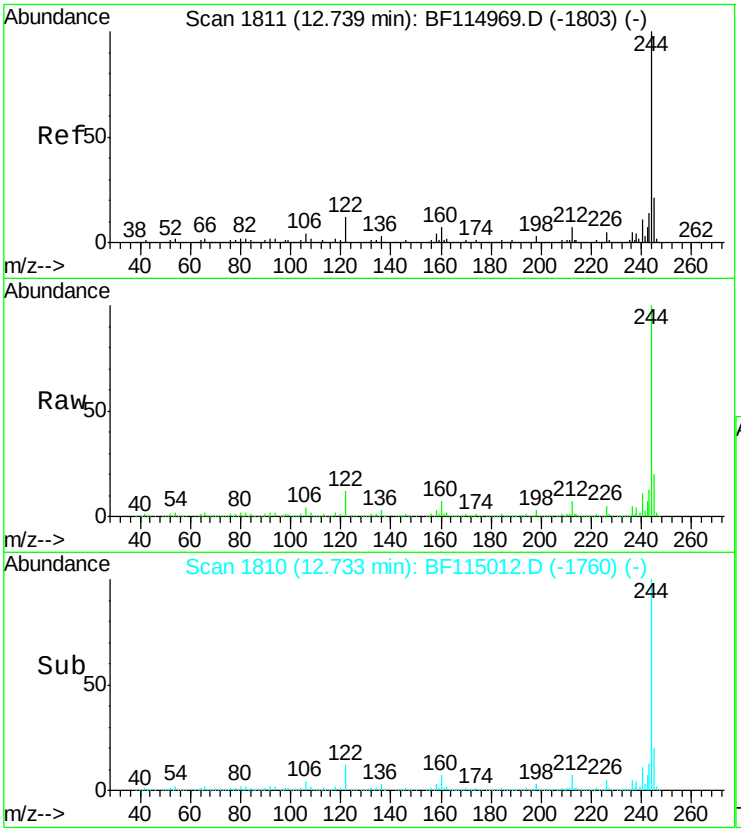


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:240 Resp: 554401

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.0	15.0
236	27.0	21.6	32.4



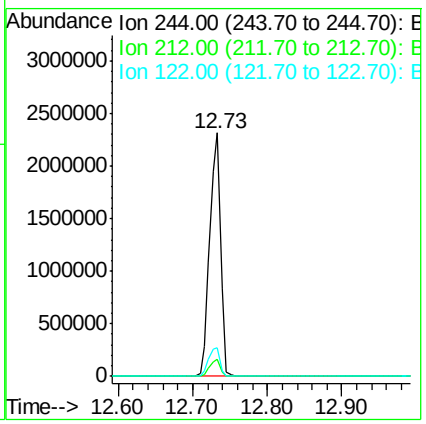


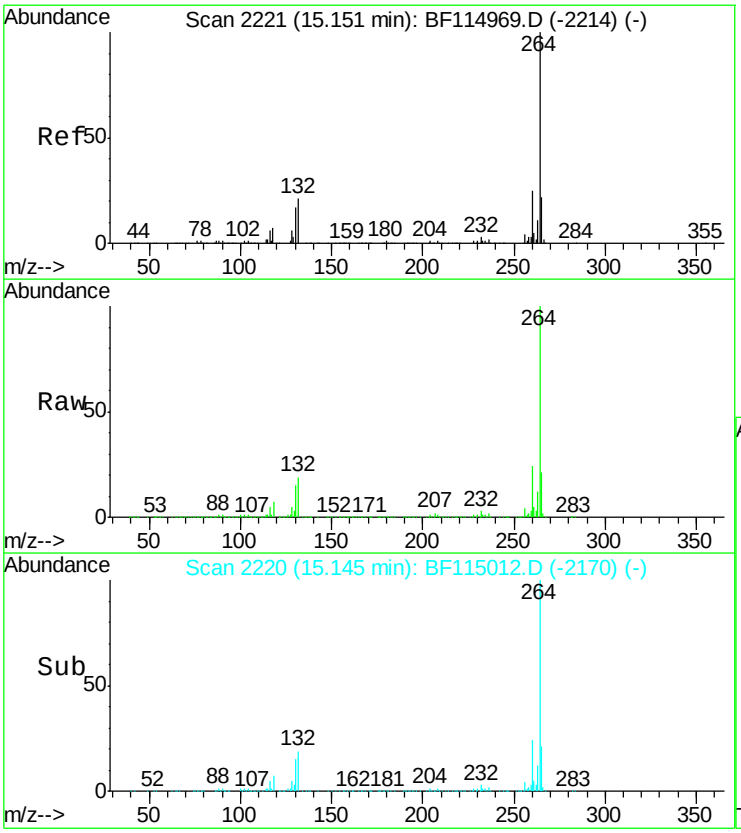
#79
Terphenyl-d14
Concen: 79.057 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:244 Resp: 2330261

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.8	9.4	14.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:264 Resp: 556218

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.4	17.6	26.4