Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Time: Jun 14 03:51:19 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	278681	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1052552	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	521682	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	955294	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	611068	20.00	ng	-0.01
87) Perylene-d12	15.14	264	575231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	951251	57.00	ng	0.00
7) Phenol-d6	6.28	99	771884	38.34	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1472438	84.20	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	603364	108.00	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2655923	86.29	ng	0.00
79) Terphenyl-d14	12.73	244	2631931	81.01	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.20	77	1727	Below Cal	#	1
18) Hexachloroethane	7.19	117	154418	19.241	ng	# 44
19) n-Nitroso-di-n-propylamine	7.21	70	194380	15.891	ng	# 78
25) Isophorone	7.21	82	1435507	43.831	ng	# 62
31) Naphthalene	7.95	128	388136	7.794	ng	99
37) 2-Methylnaphthalene	8.64	142	181692	5.470	ng	98
38) 1-Methylnaphthalene	8.73	142	530518	16.899	ng	100
50) Dimethylphthalate	9.40	163	162141	4.133	ng	98
58) Fluorene	10.22	166	19243	Below Cal		97
67) 4-Bromophenyl-phenylether	10.46	248	39107	3.813	ng	# 1

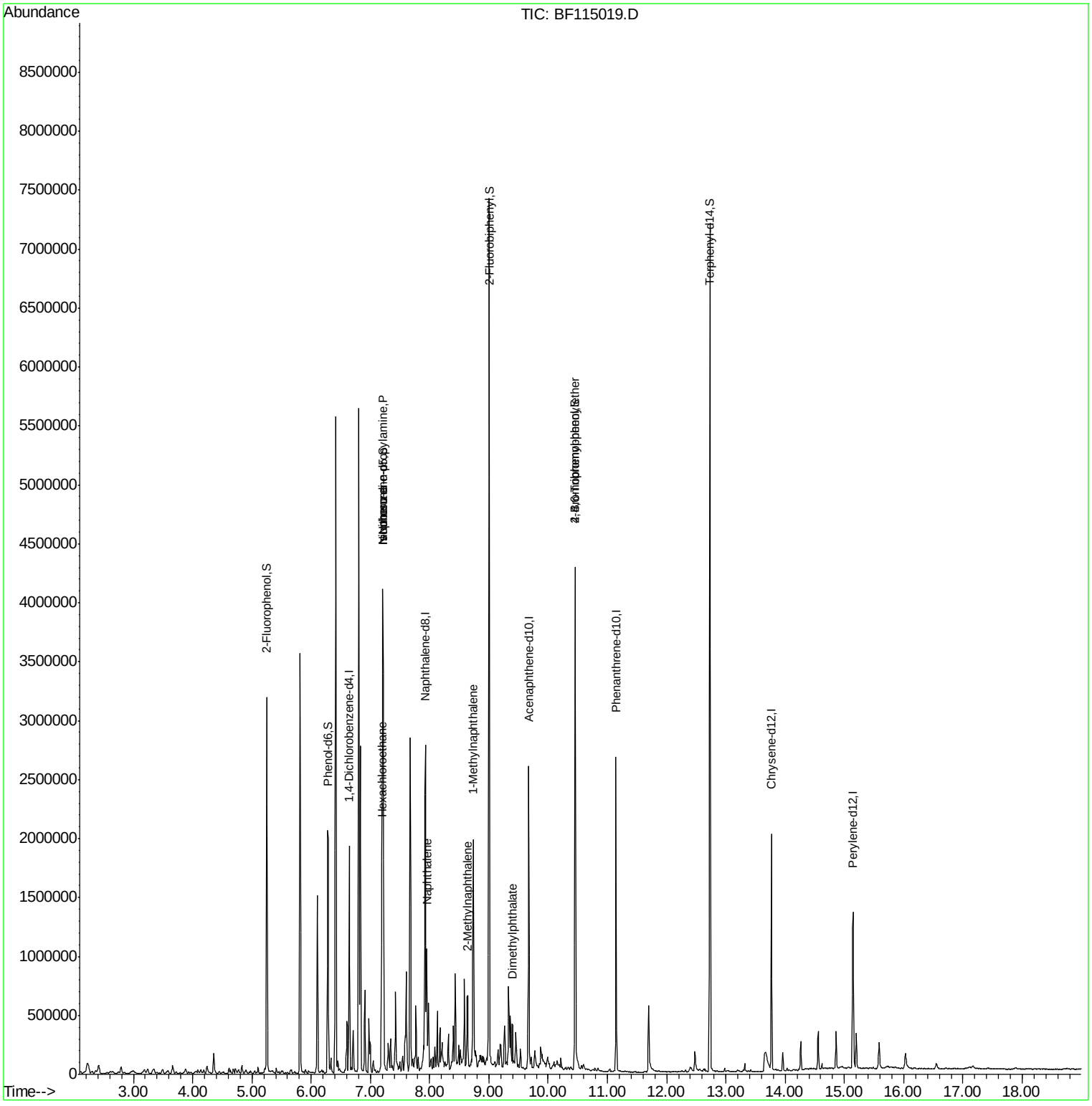
(#) = qualifier out of range (m) = manual integration (+) = signals summed

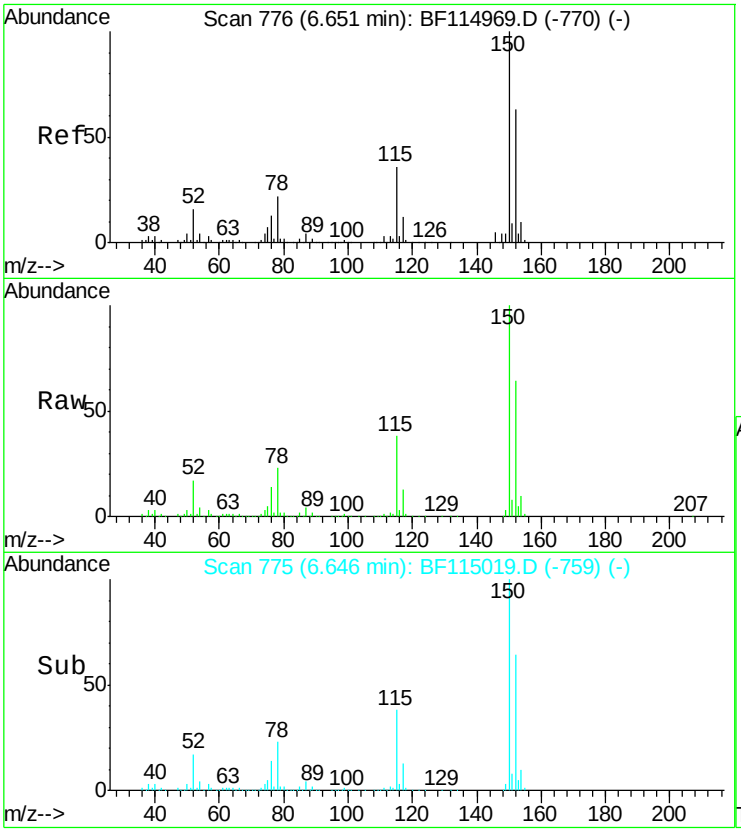
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Quant Time: Jun 14 03:51:19 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



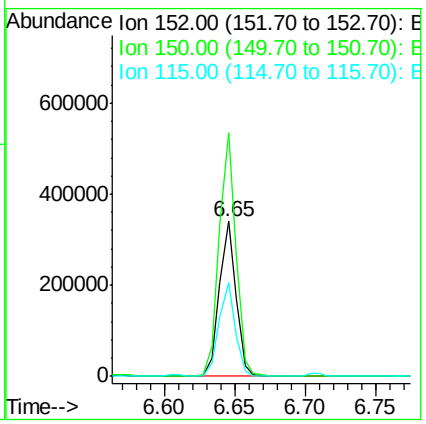


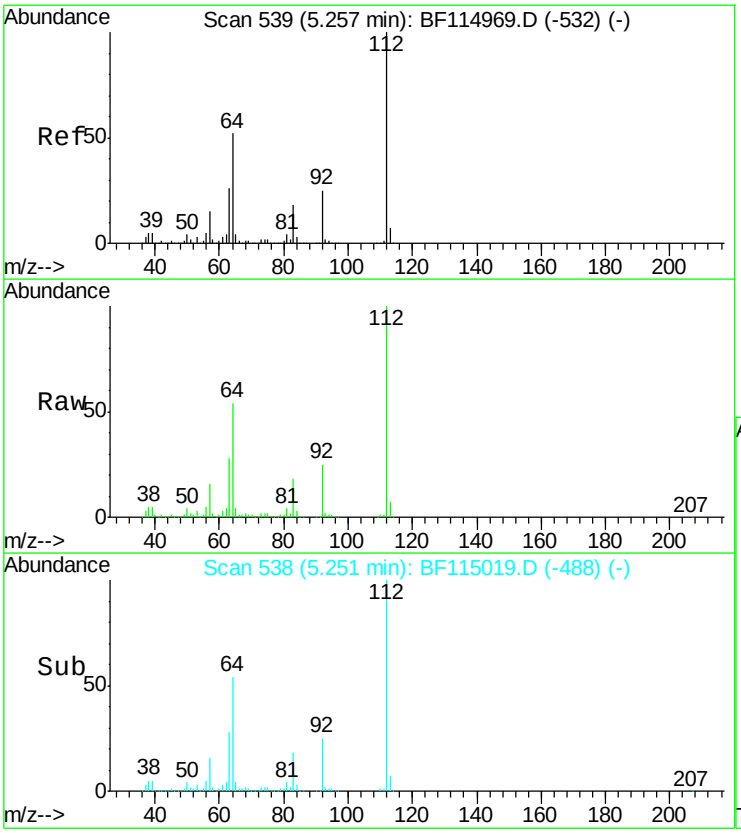
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:152 Resp: 278681

Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.0
115	60.4	46.0	69.0

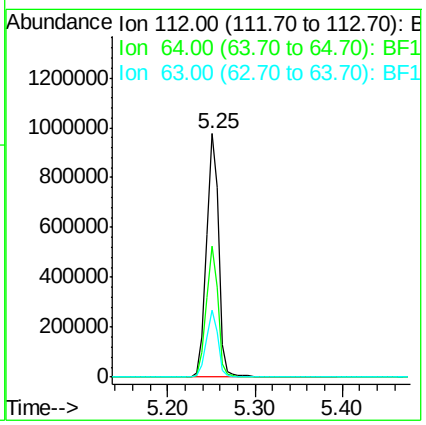


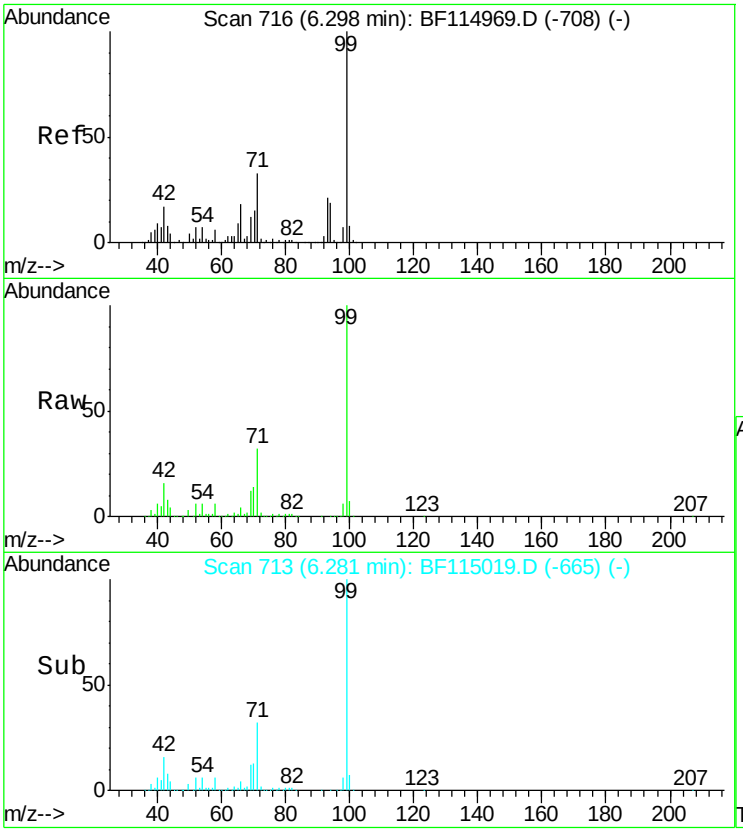


#5
2-Fluorophenol
Concen: 56.997 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:112 Resp: 951251

Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.6	62.4
63	27.5	20.9	31.3



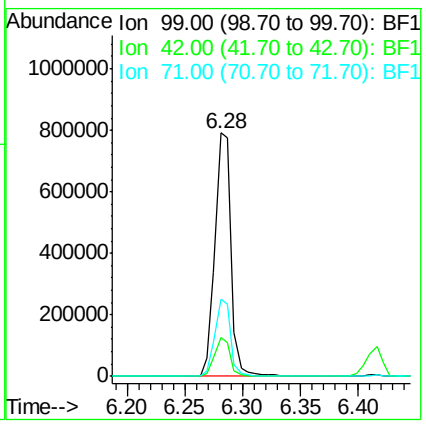


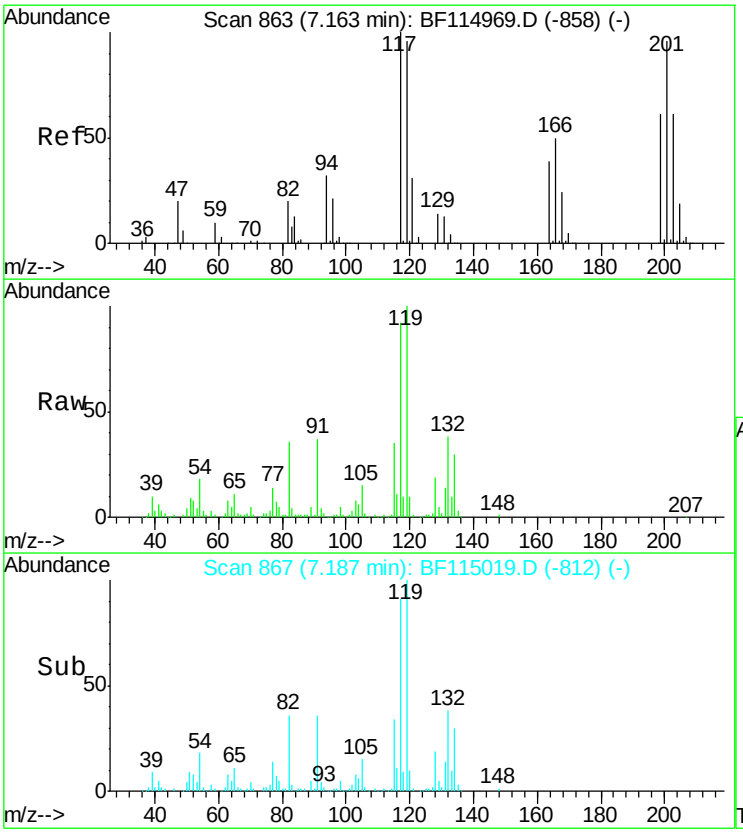
#7
Phenol-d6
Concen: 38.340 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion: 99 Resp: 771884

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.2
71	31.6	26.4	39.6

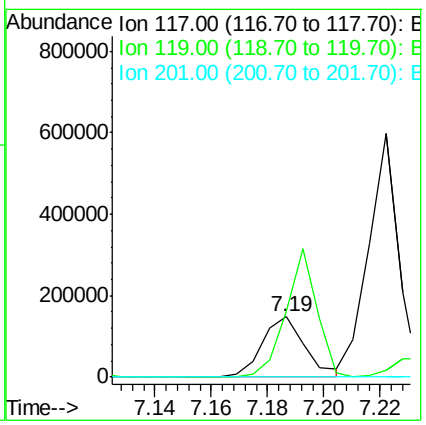


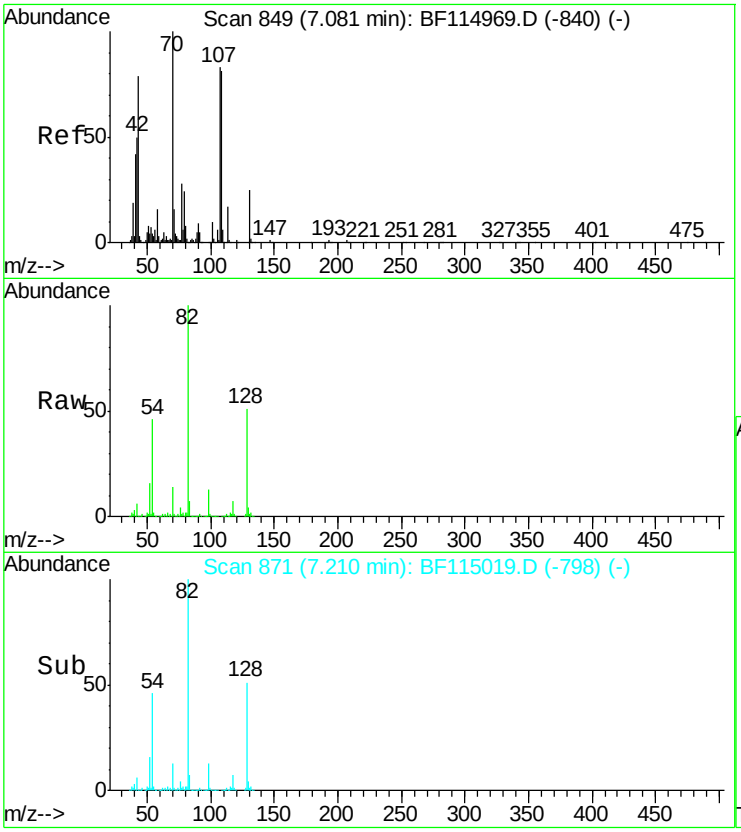


#18
Hexachloroethane
Concen: 19.241 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:117 Resp: 154418

Ion	Ratio	Lower	Upper
117	100		
119	109.0	77.0	115.4
201	0.0	76.6	115.0#



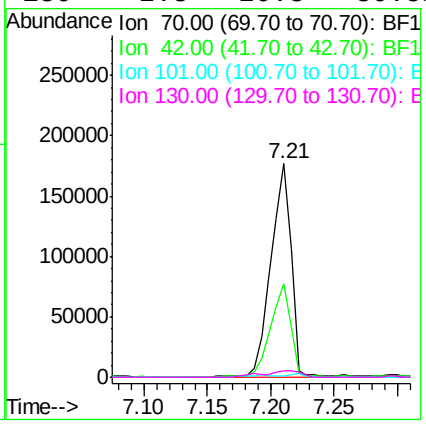


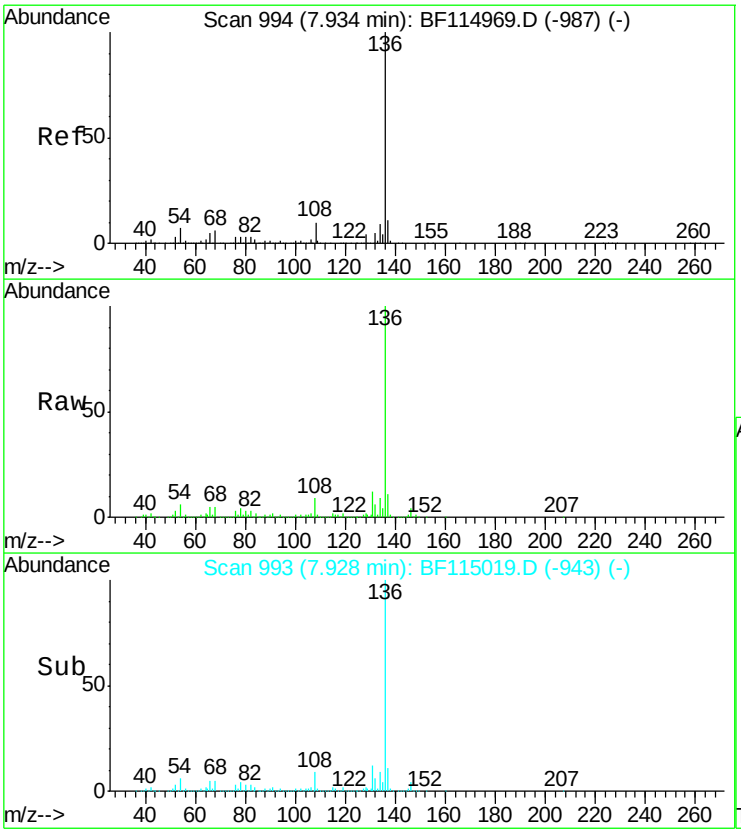
#19
n-Nitroso-di-n-propylamine
Concen: 15.891 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion: 70 Resp: 194380

Ion	Ratio	Lower	Upper
70	100		
42	43.8	40.3	60.5
101	0.7	8.2	12.4#
130	2.8	20.3	30.5#

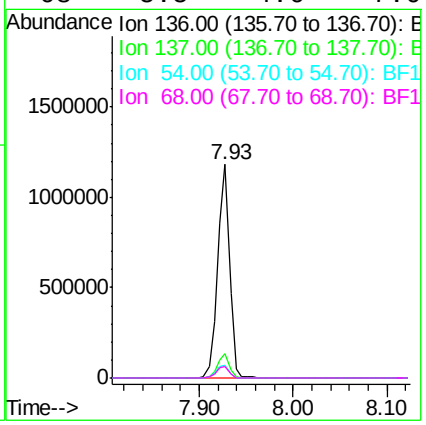


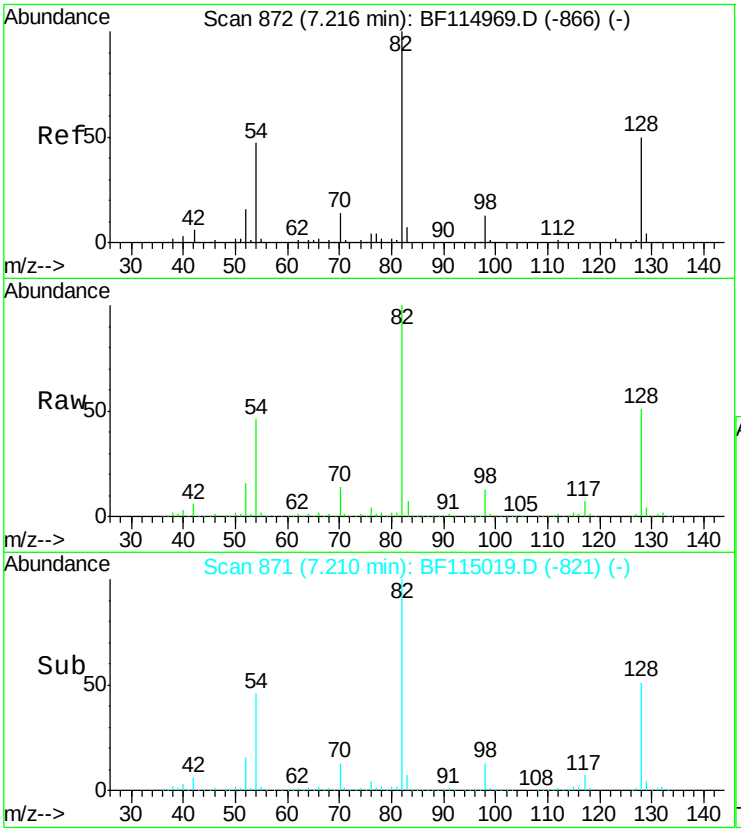


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:136 Resp: 1052552

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.1	5.4	8.0
68	5.5	4.6	7.0



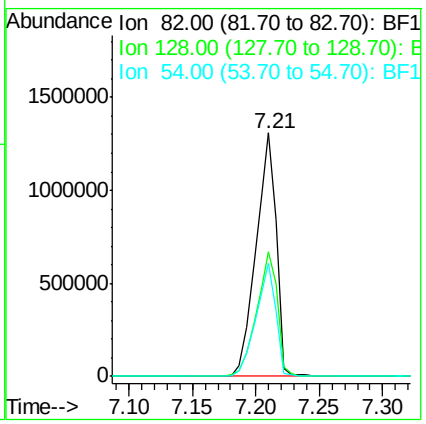


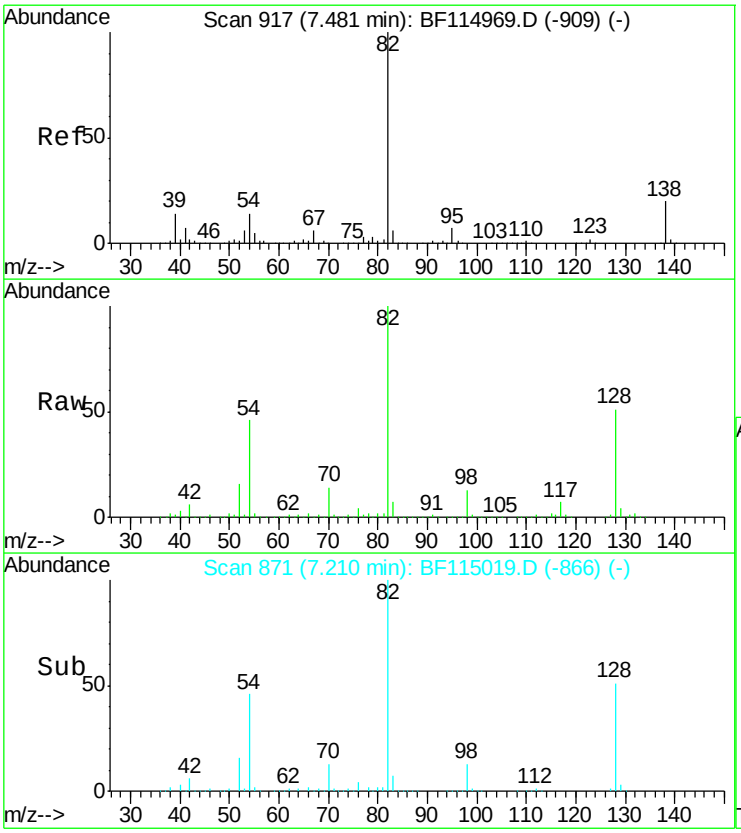
#23
Nitrobenzene-d5
Concen: 84.204 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion: 82 Resp: 1472438

Ion	Ratio	Lower	Upper
82	100		
128	51.4	39.9	59.9
54	46.5	37.3	55.9

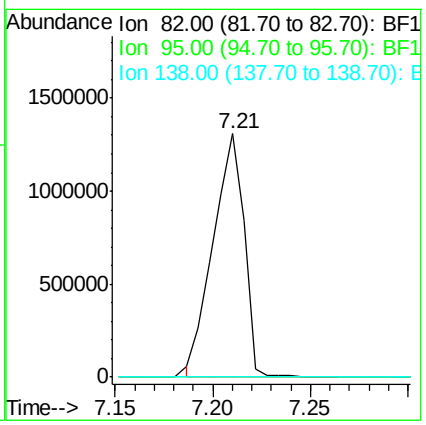


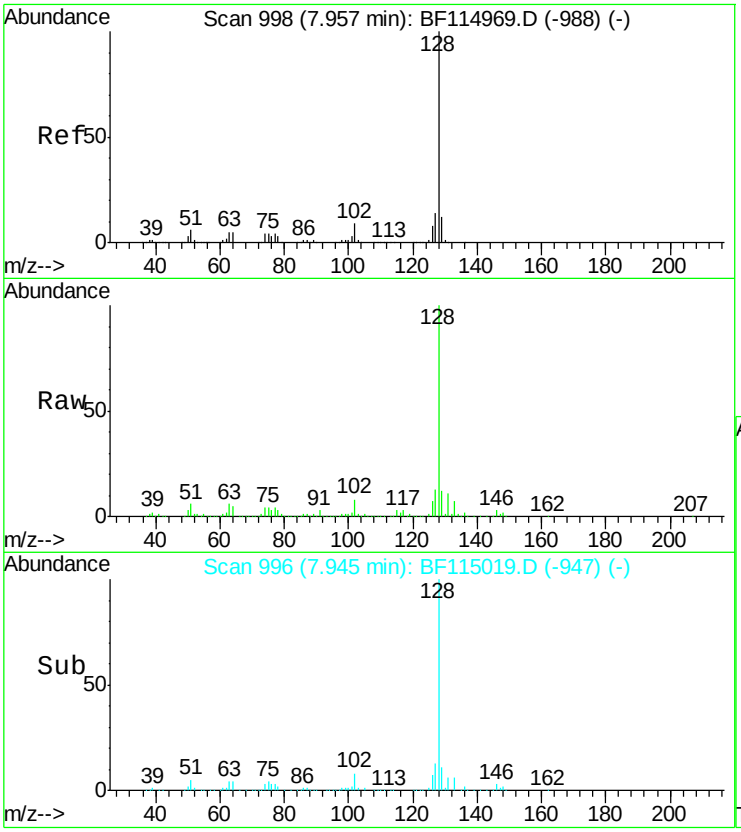


#25
Isophorone
Concen: 43.831 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion: 82 Resp: 1435507

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	16.1	24.1#



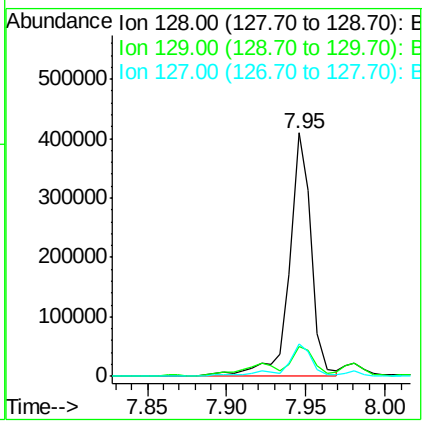


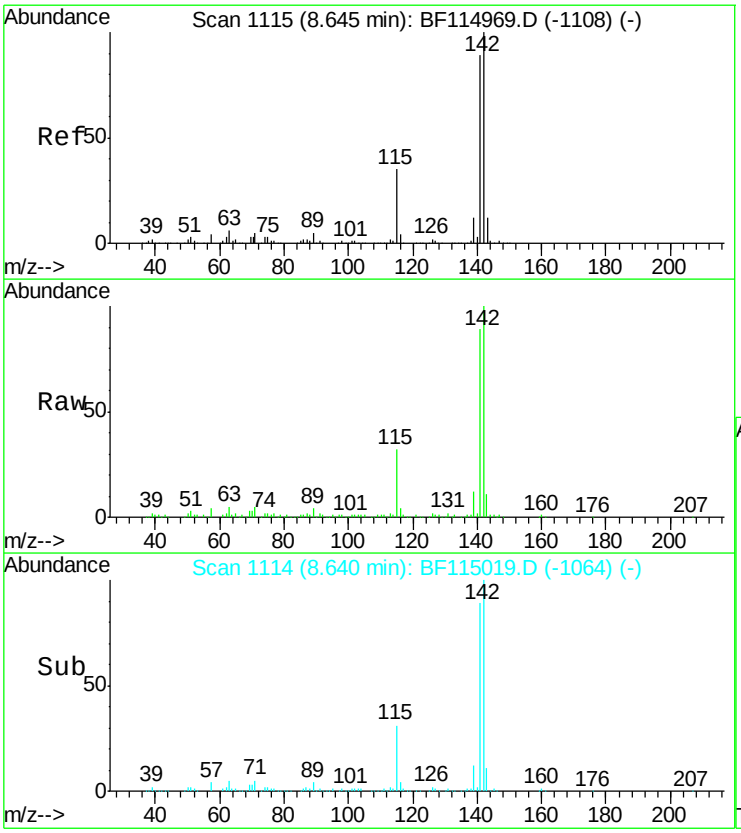
#31
Naphthalene
Concen: 7.794 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:128 Resp: 388136

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.5	14.3
127	13.4	11.5	17.3

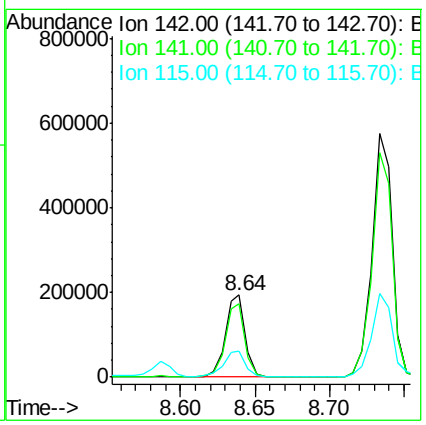


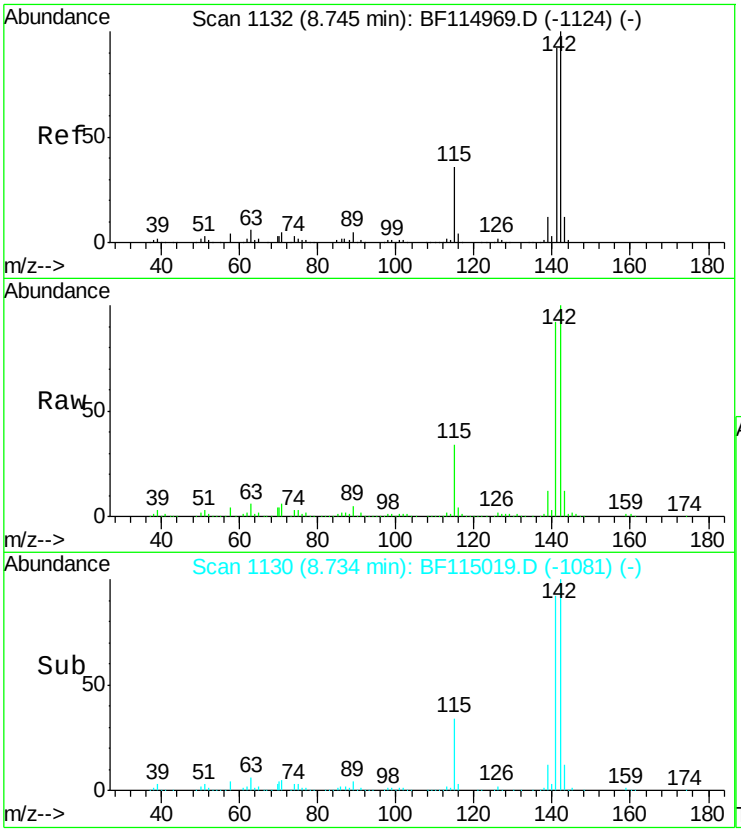


#37
2-Methylnaphthalene
Concen: 5.470 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:142 Resp: 181692

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	31.7	27.9	41.9



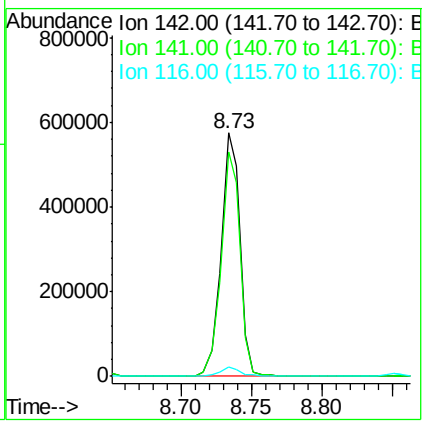


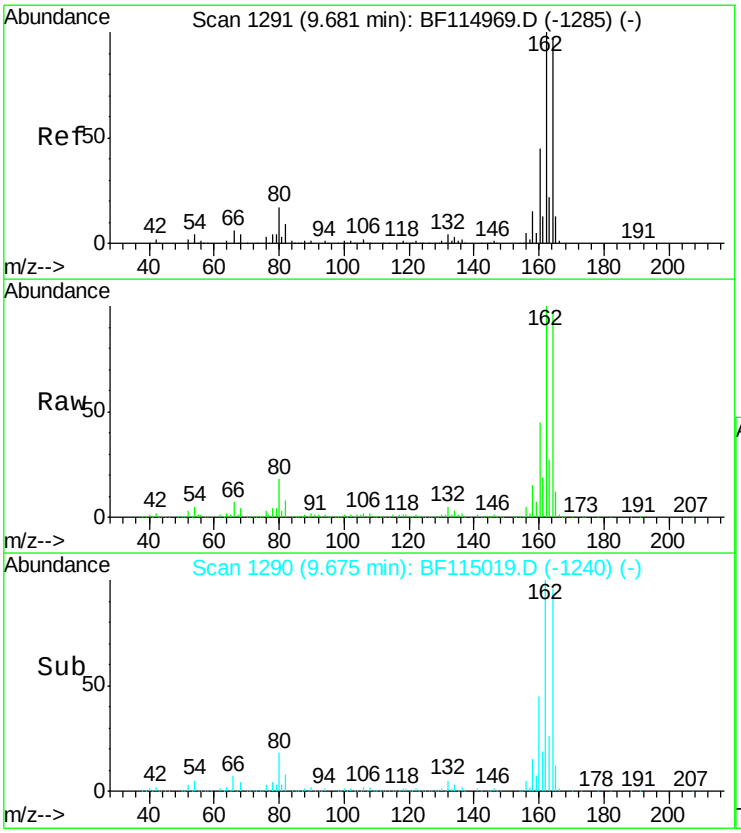
#38
1-Methylnaphthalene
Concen: 16.899 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:142 Resp: 530518

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.8
116	3.6	2.9	4.3

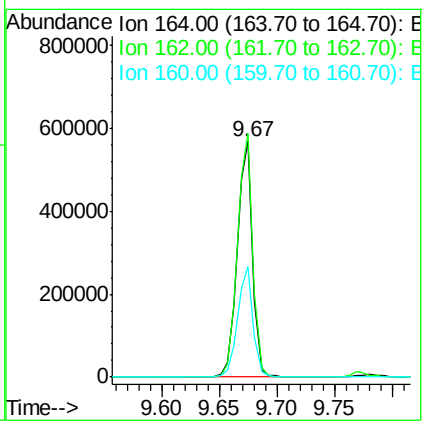


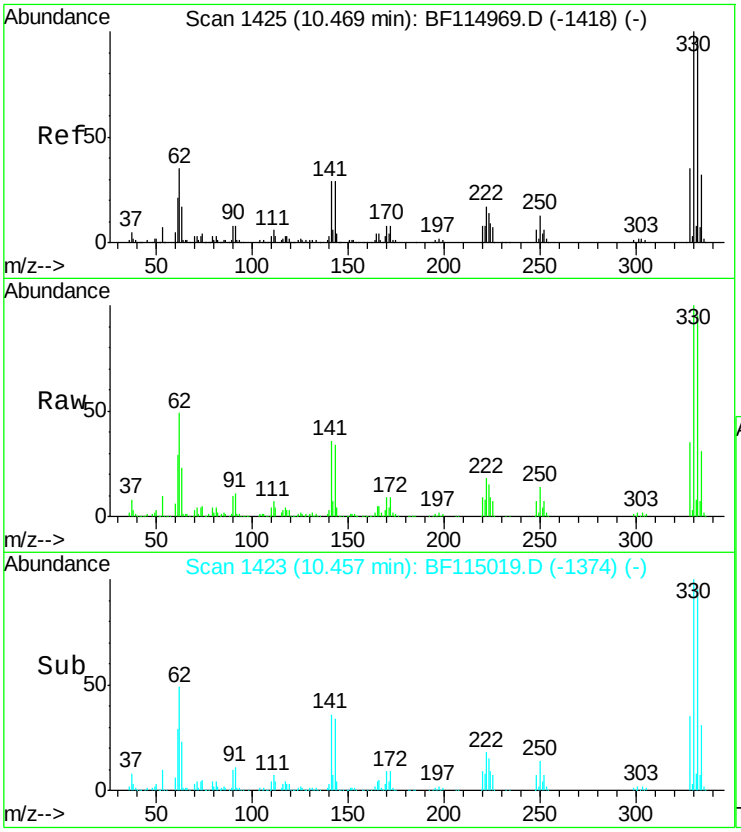


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:164 Resp: 521682

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	124.0
160	46.7	36.9	55.3



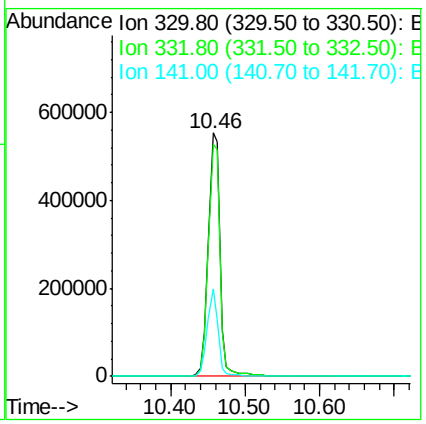


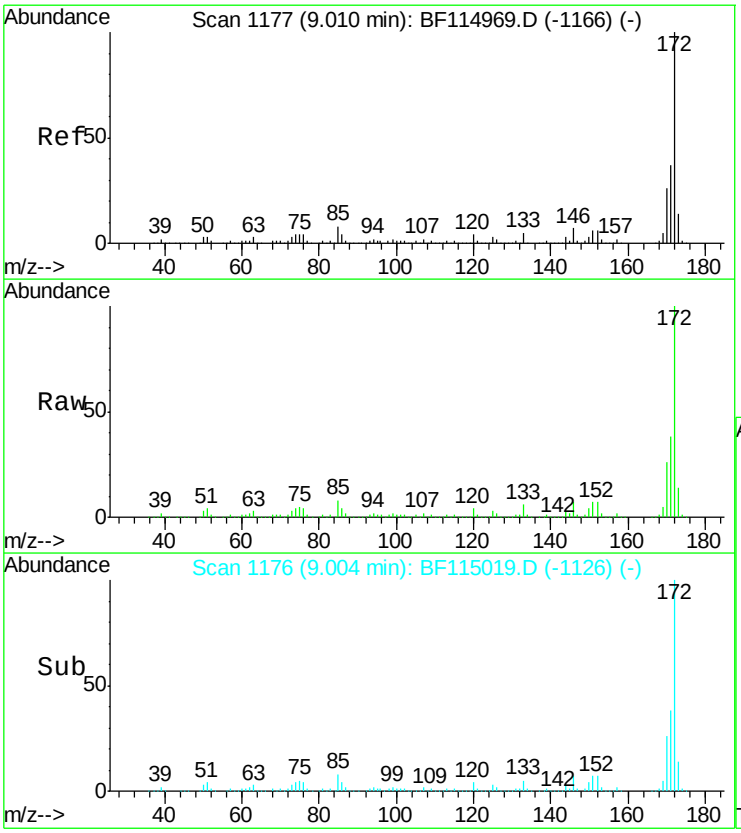
#42
2,4,6-Tribromophenol
Concen: 108.004 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:330 Resp: 603364

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	33.5	27.2	40.8

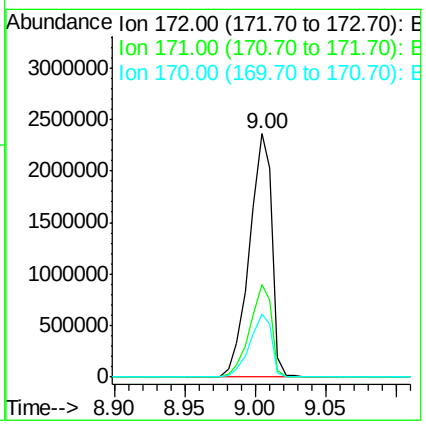


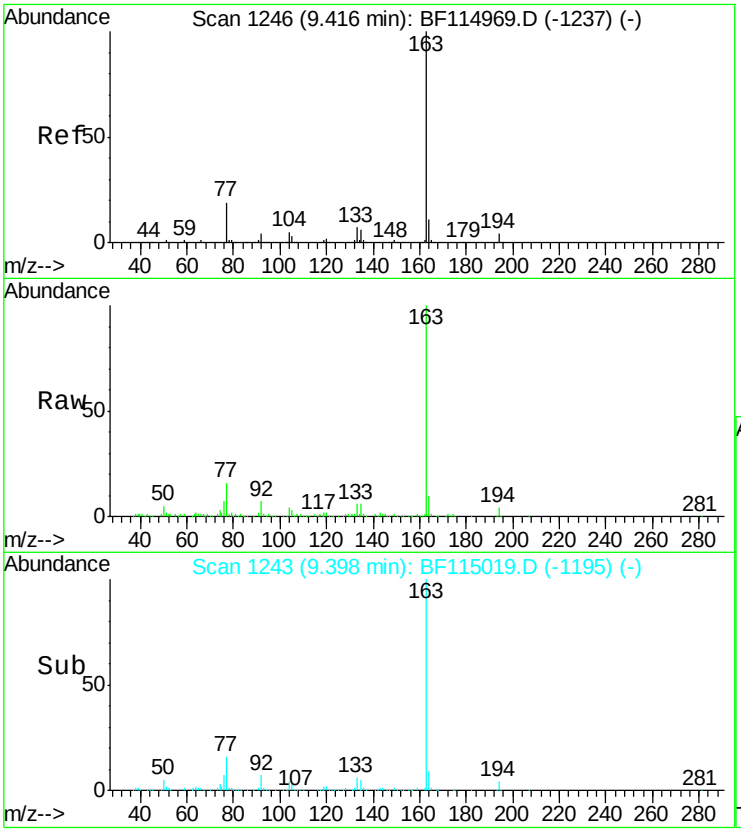


#45
2-Fluorobiphenyl
Concen: 86.285 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:172 Resp: 2655923

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	26.0	20.6	31.0



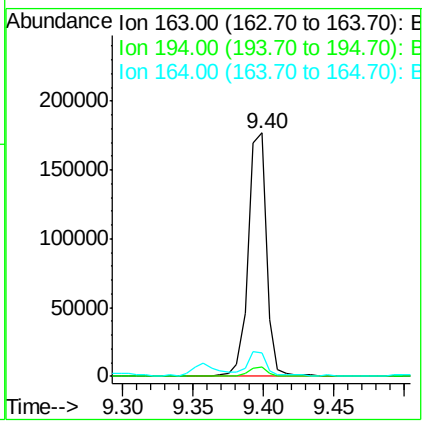


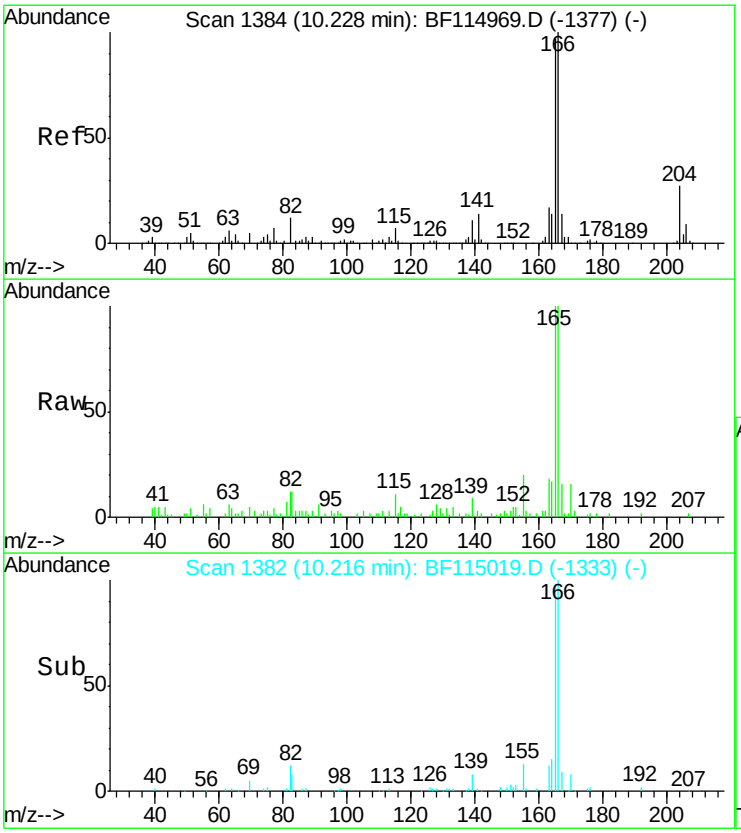
#50
Dimethylphthalate
Concen: 4.133 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:163 Resp: 162141

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.5	8.6	12.8

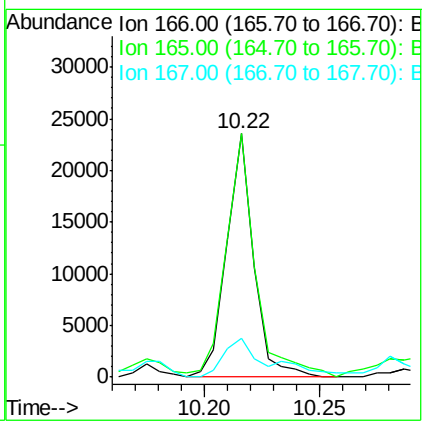


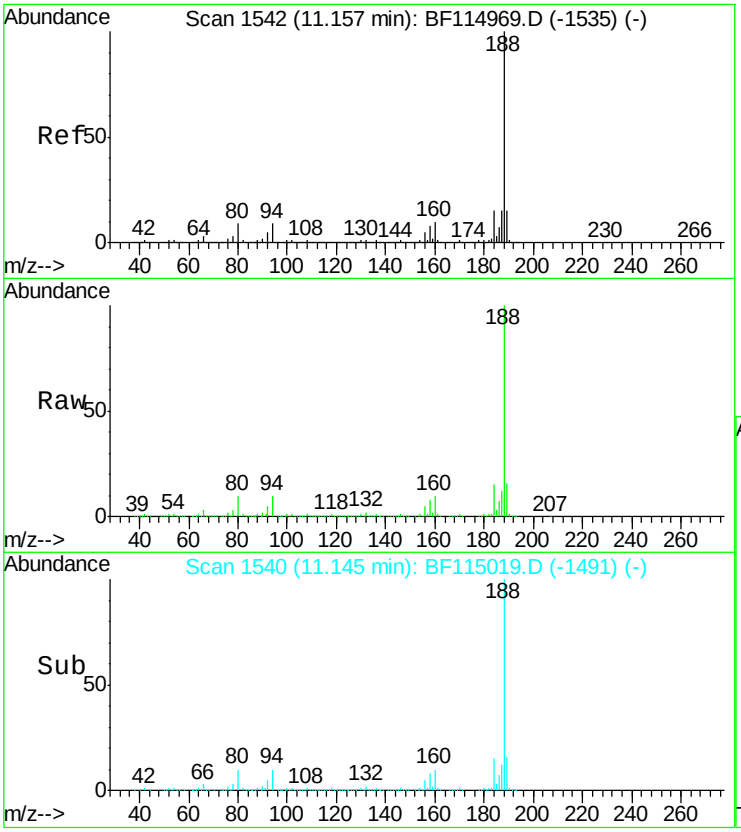


#58
Fluorene
Concen: Below Cal
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:166 Resp: 19243

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.6	116.4
167	15.8	11.0	16.4



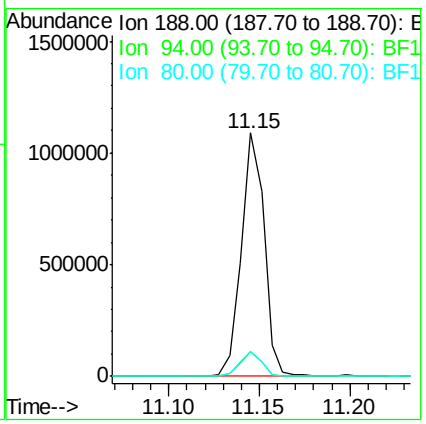


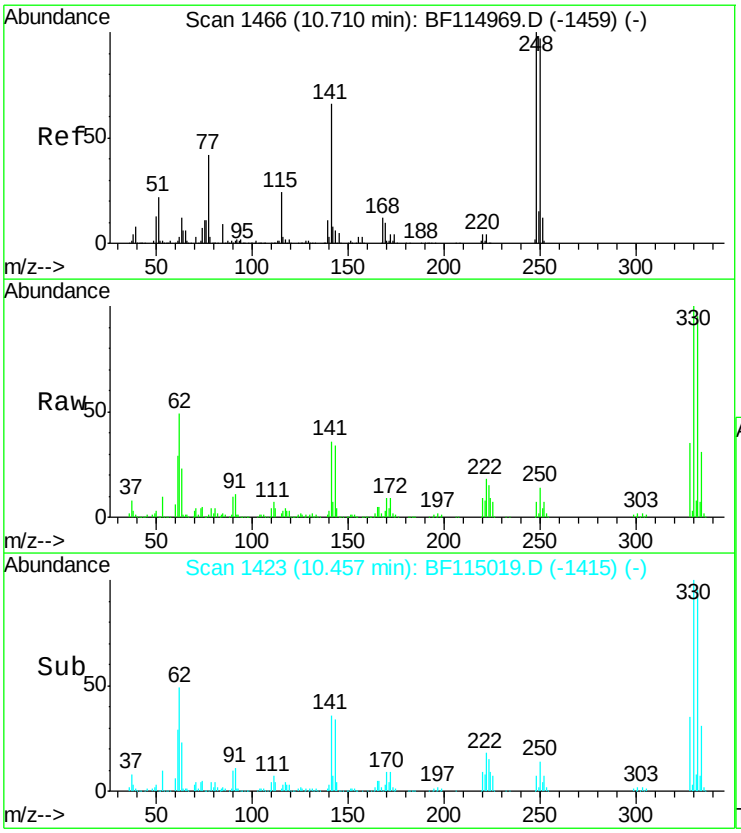
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:188 Resp: 955294

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.4	7.4	11.2

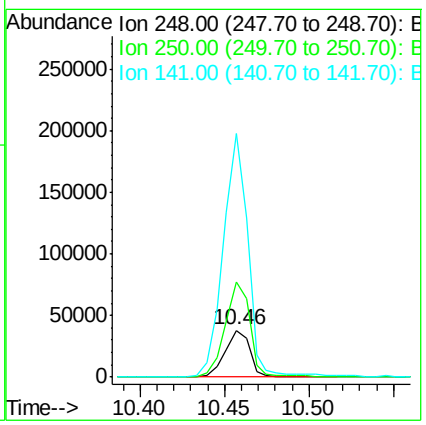


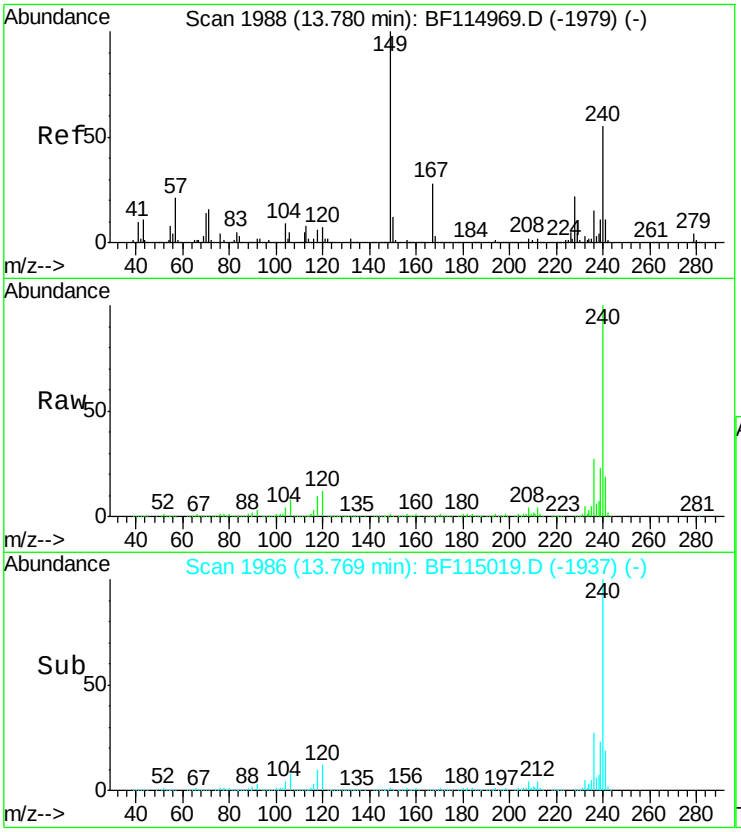


#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:248 Resp: 39107

Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.8	116.8#
141	517.7	53.1	79.7#



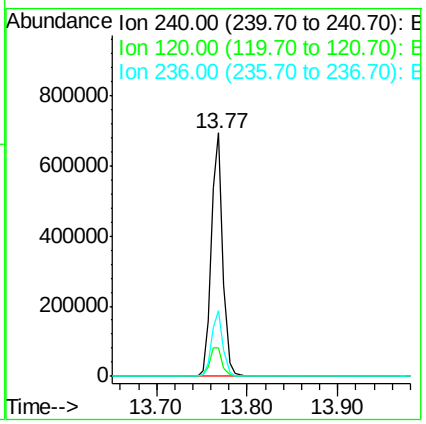


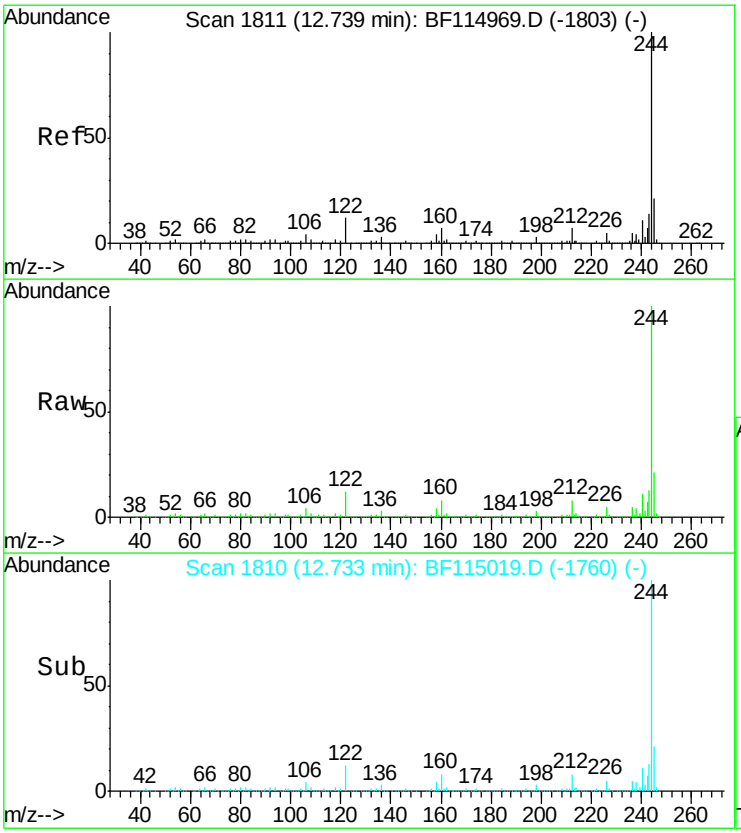
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:240 Resp: 611068

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.0	15.0
236	26.9	21.6	32.4

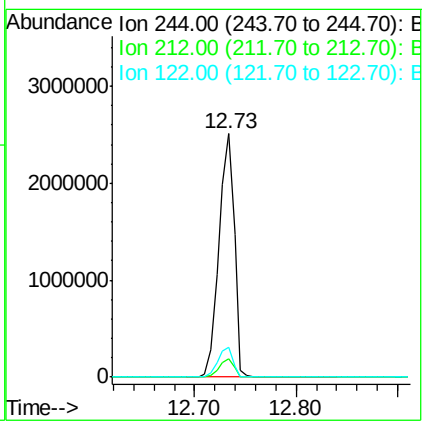


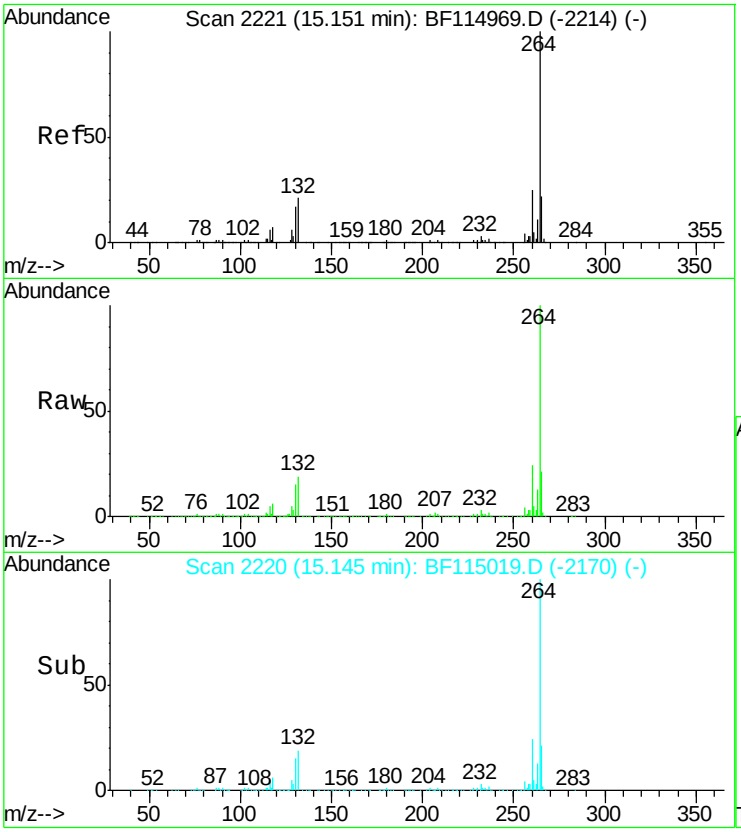


#79
Terphenyl-d14
Concen: 81.011 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:244 Resp: 2631931

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	12.5	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: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tgt Ion:264 Resp: 575231

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.4	17.6	26.4