Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113912.D
Acq On : 23 Apr 2019 7:29
Operator : JU/SJ
Sample : K2465-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q-COMP-4.18.19

Quant Time: Apr 23 08:46:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142420	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	504375	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	247295	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	514897	20.00	ng	0.00
76) Chrysene-d12	14.06	240	443175	20.00	ng	-0.01
87) Perylene-d12	15.56	264	348703	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	670662	80.54	ng	0.00
7) Phenol-d6	6.52	99	837425	80.16	ng	0.00
23) Nitrobenzene-d5	7.45	82	462030	56.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	258373	85.77	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	946845	59.88	ng	0.00
79) Terphenyl-d14	13.00	244	1258565	58.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	1267	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	60243	8.905	ng	# 79
25) Isophorone	7.45	82	462092	27.646	ng	# 65
50) Dimethylphthalate	9.64	163	76304	4.266	ng	98
51) 2,6-Dinitrotoluene	9.93	165	30912	8.056	ng	# 33
57) 2,4-Dinitrotoluene	9.93	165	30912	6.383	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.72	198	362	7.438	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	15841	2.547	ng	# 1

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

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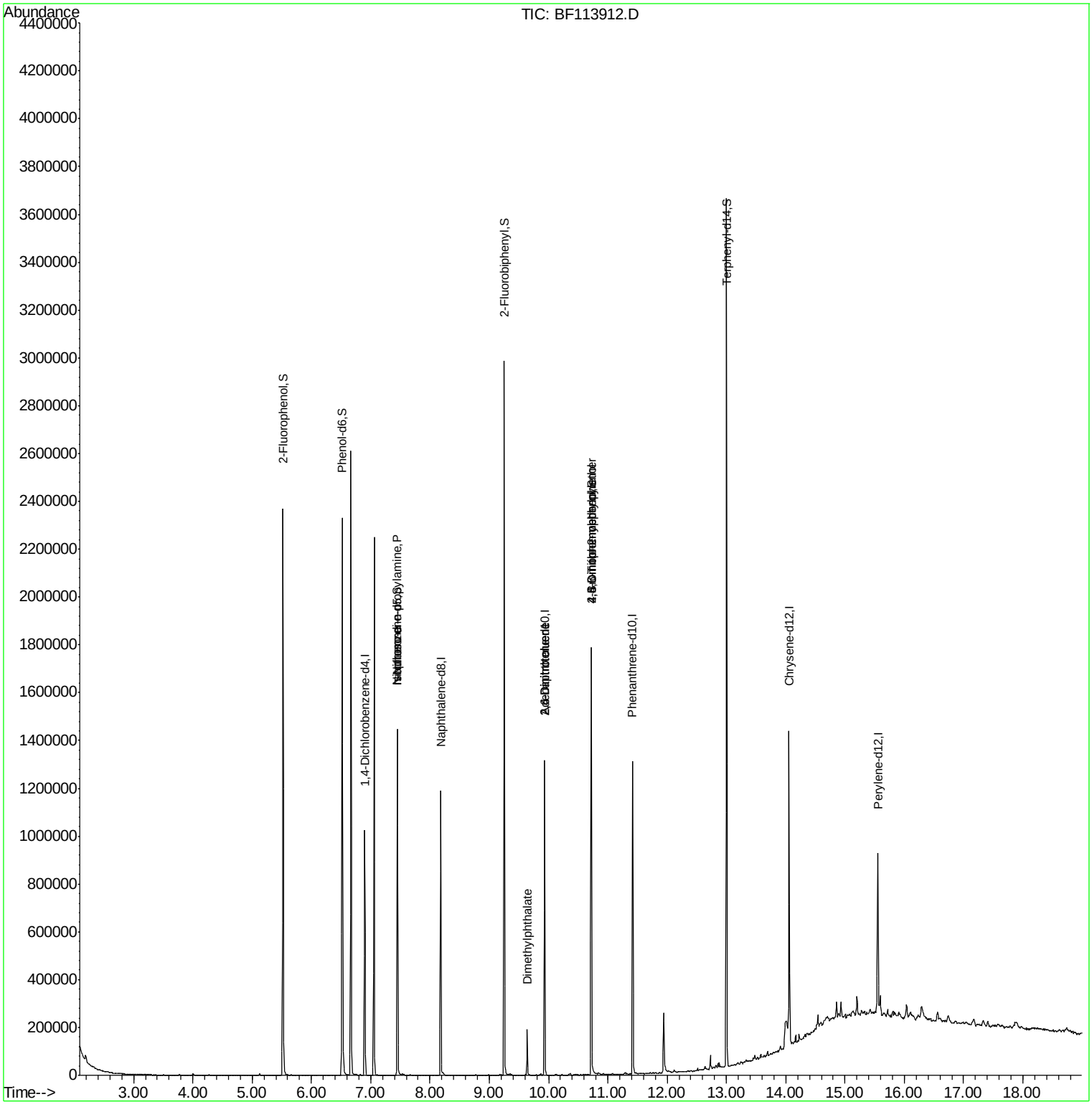
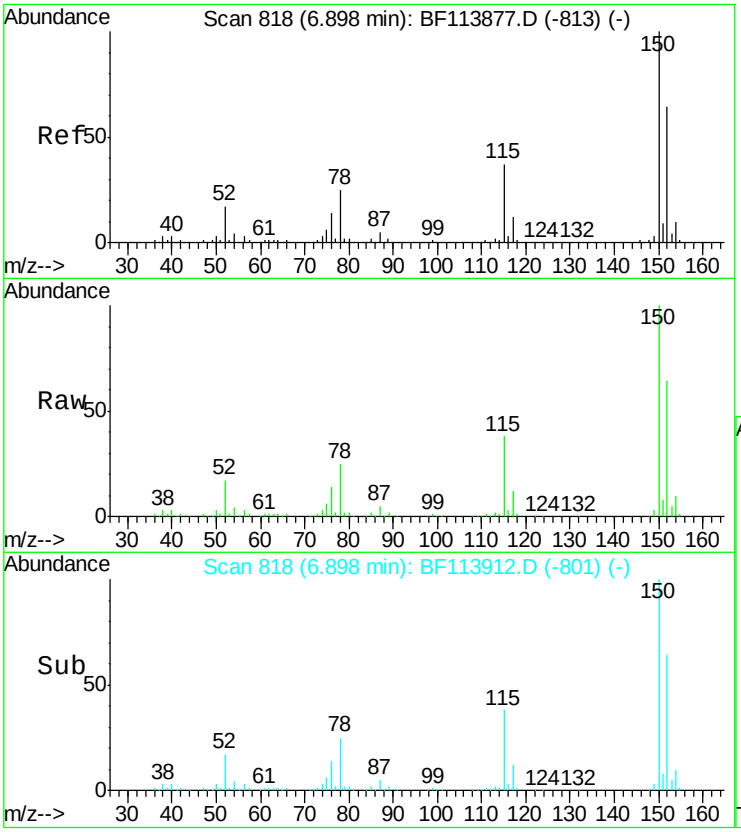


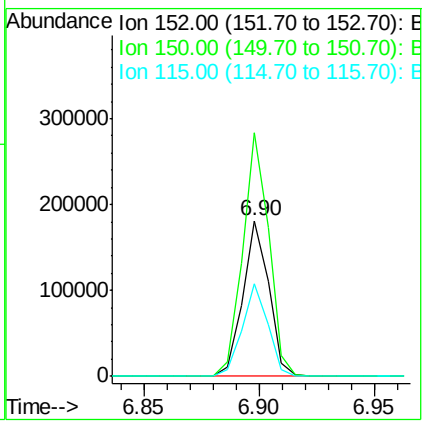


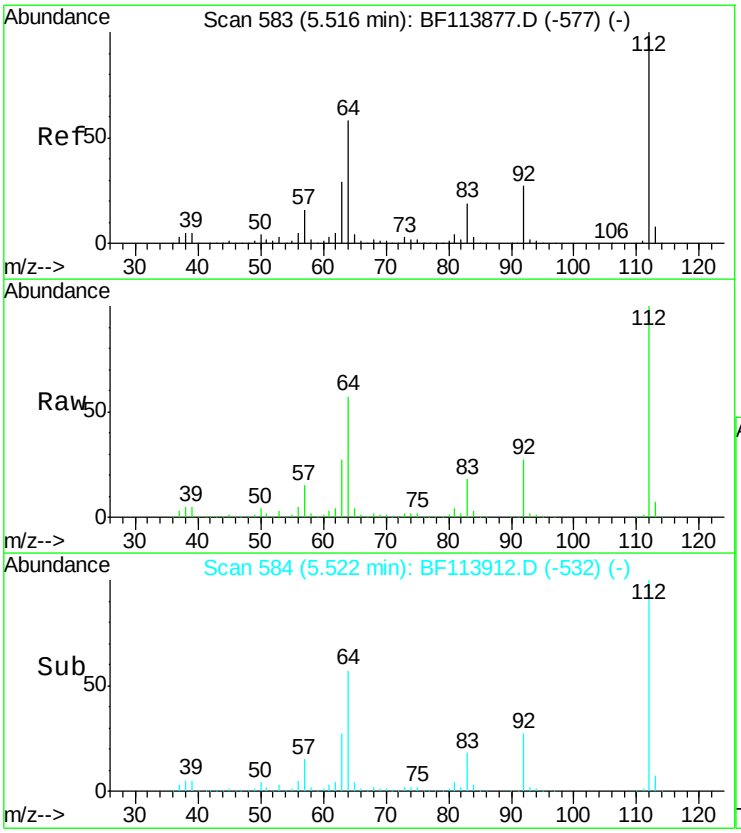
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:152 Resp: 142420

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	59.1	45.9	68.9

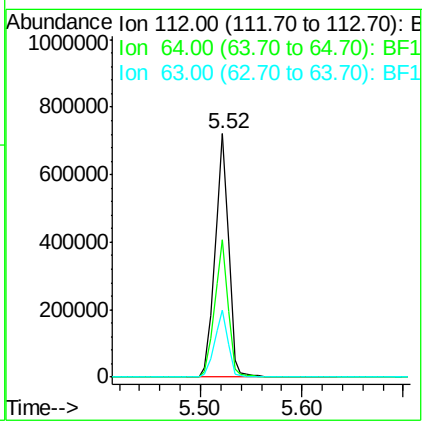


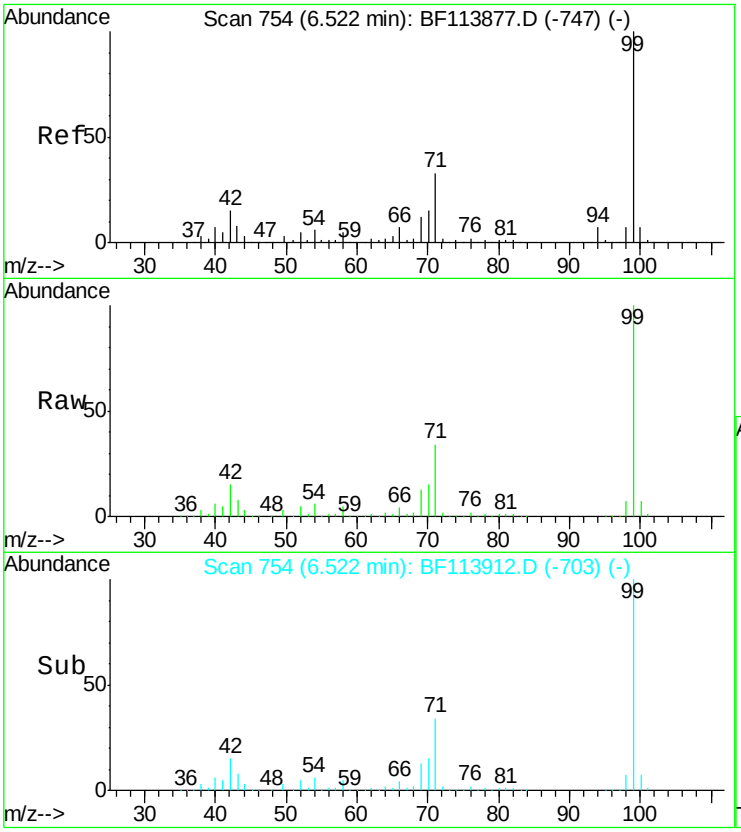


#5
2-Fluorophenol
Concen: 80.541 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:112 Resp: 670662

Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.6	69.8
63	27.4	23.1	34.7



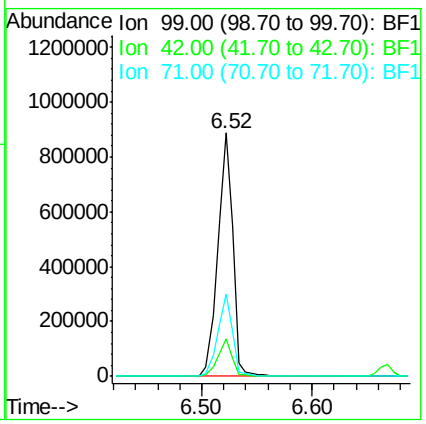


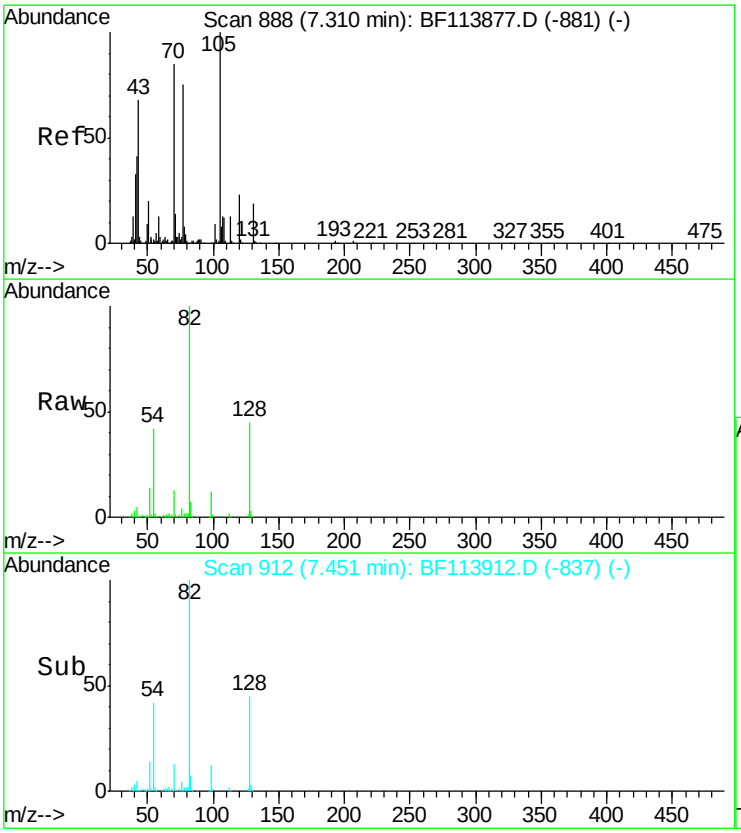
#7
Phenol-d6
Concen: 80.159 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion: 99 Resp: 837425

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.5	18.7
71	33.8	26.9	40.3

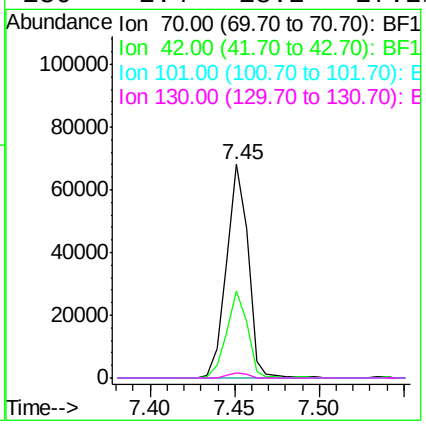


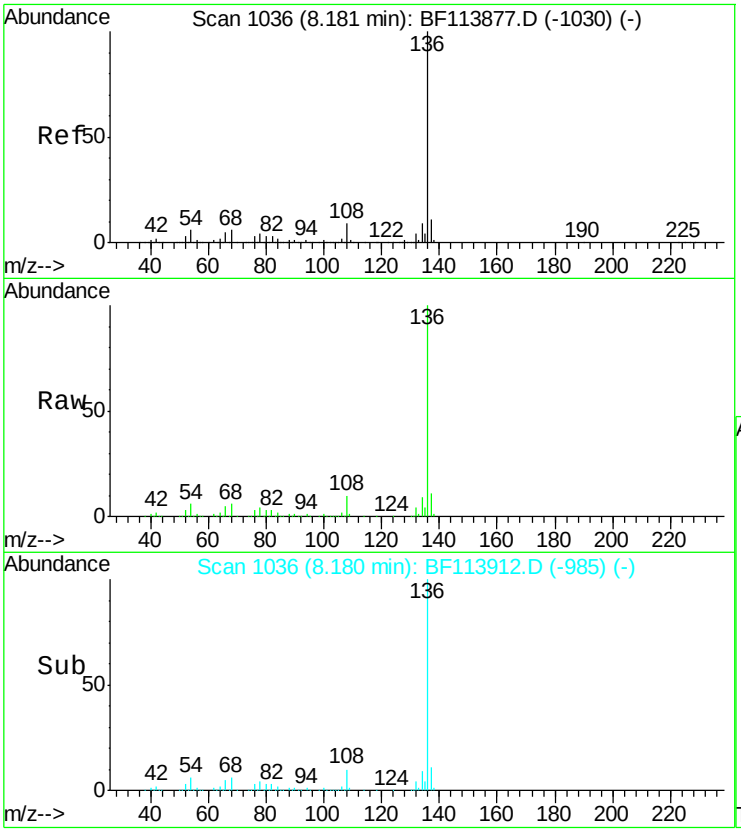


#19
n-Nitroso-di-n-propylamine
Concen: 8.905 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion: 70 Resp: 60243

Ion	Ratio	Lower	Upper
70	100		
42	40.6	37.3	55.9
101	0.0	7.8	11.8#
130	2.4	18.2	27.2#



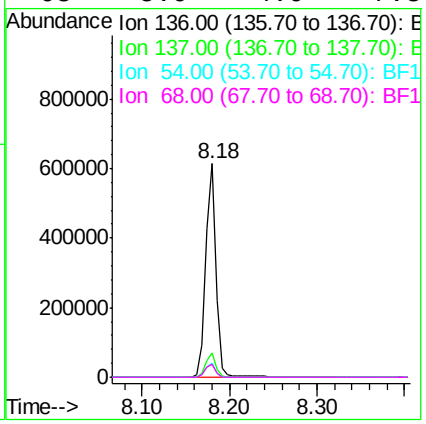


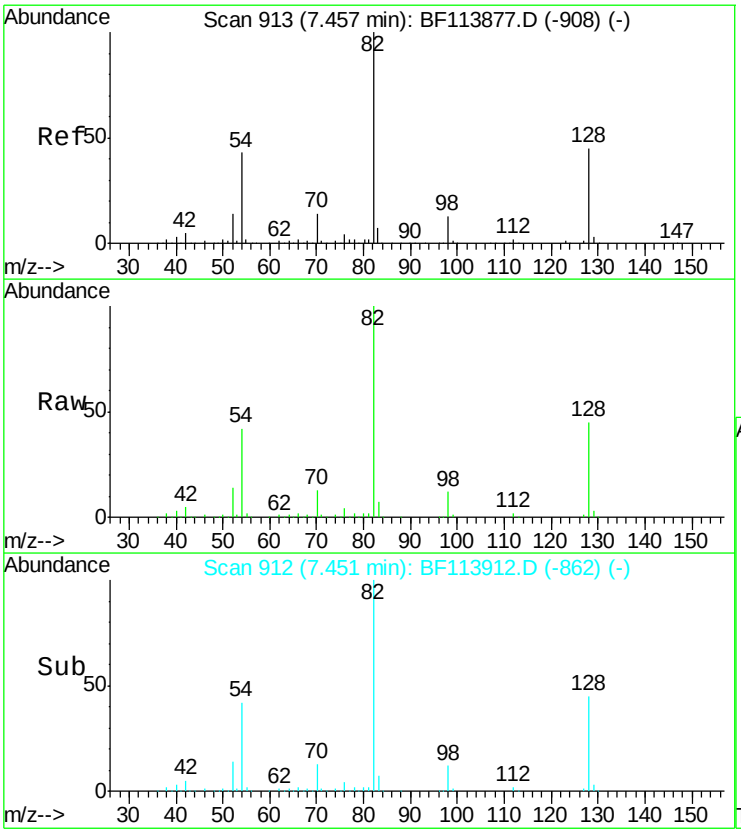
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:136 Resp: 504375

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.4	5.0	7.6
68	5.9	4.9	7.3

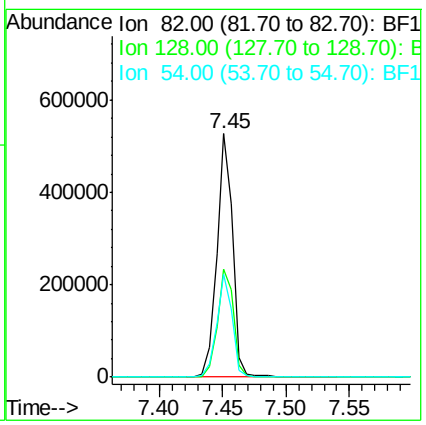


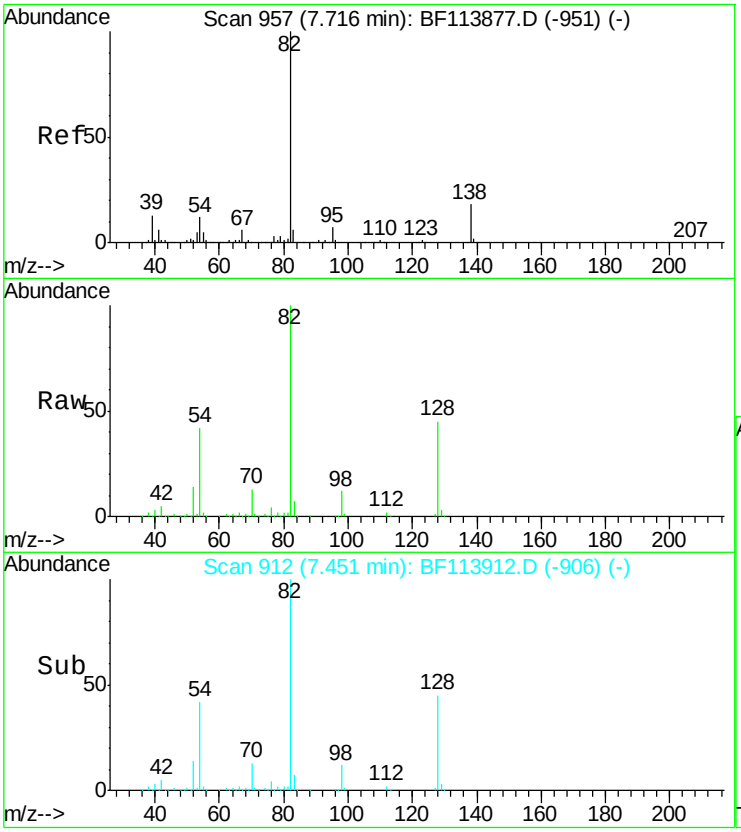


#23
Nitrobenzene-d5
Concen: 56.560 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion: 82 Resp: 462030

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.8	55.2
54	42.2	33.8	50.6



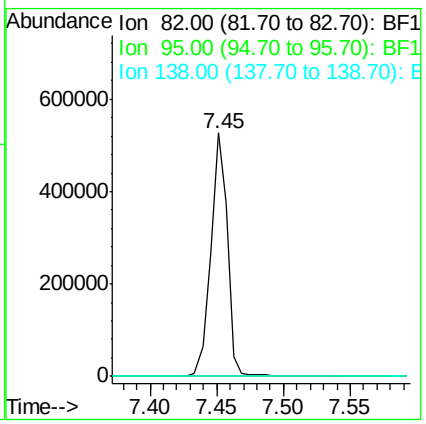


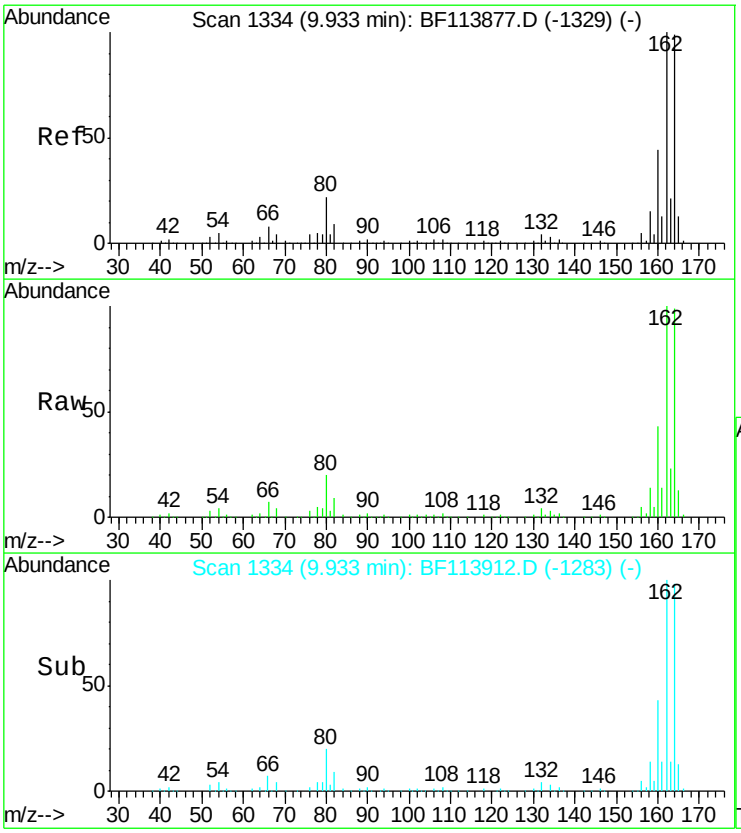
#25
Isophorone
Concen: 27.646 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion: 82 Resp: 462092

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

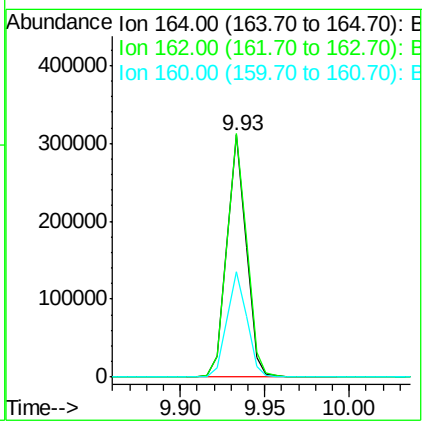


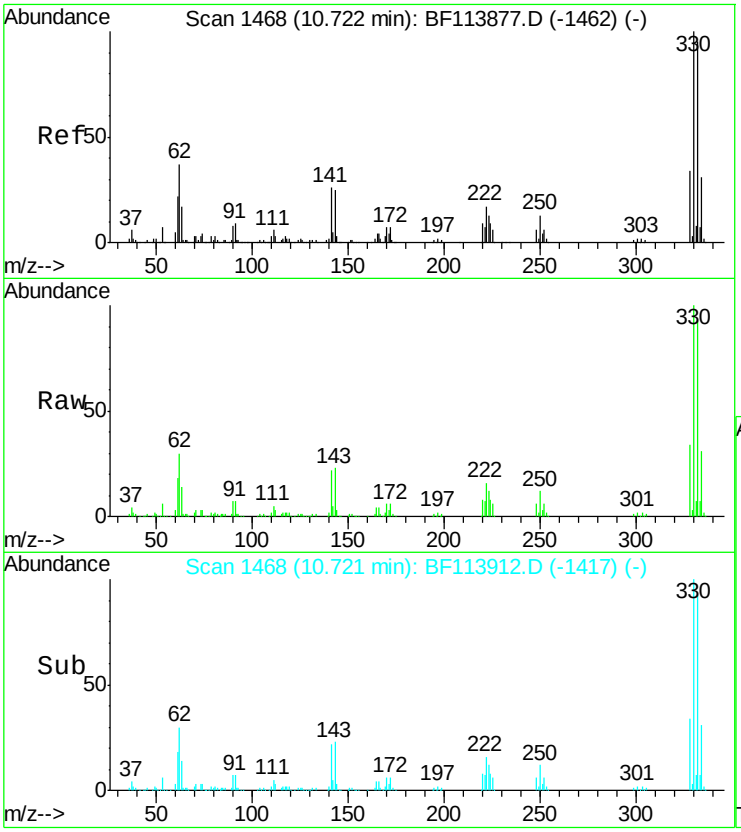


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:164 Resp: 247295

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.1	121.7
160	43.4	35.8	53.6



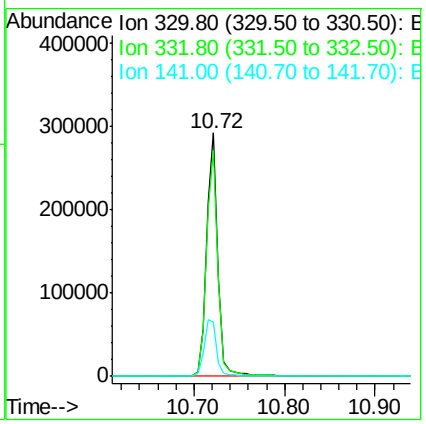


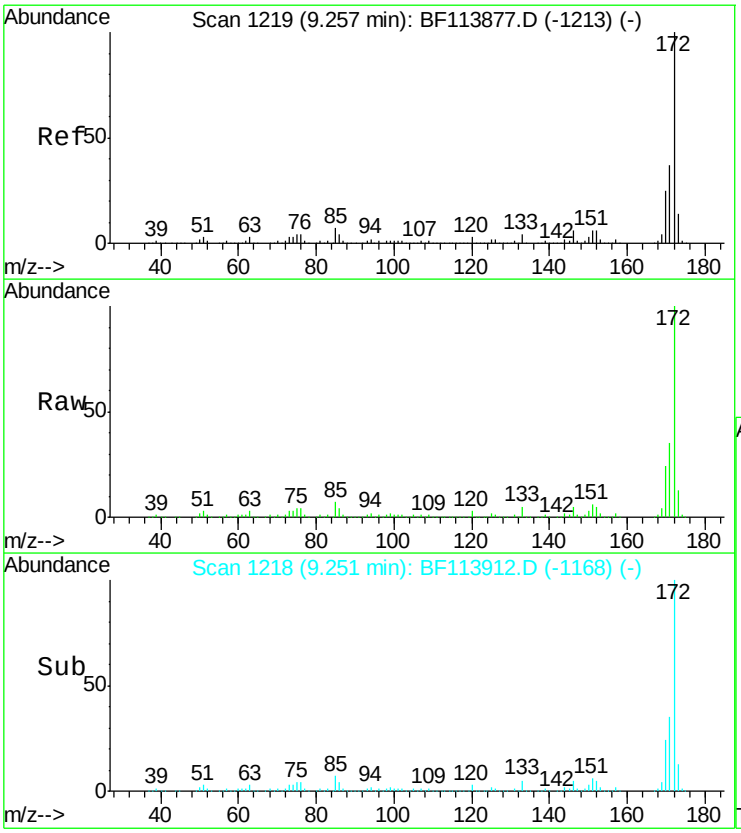
#42
2,4,6-Tribromophenol
Concen: 85.765 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:330 Resp: 258373

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.5	116.3
141	26.0	22.2	33.2

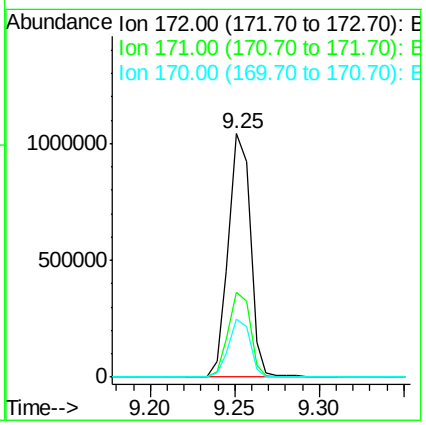


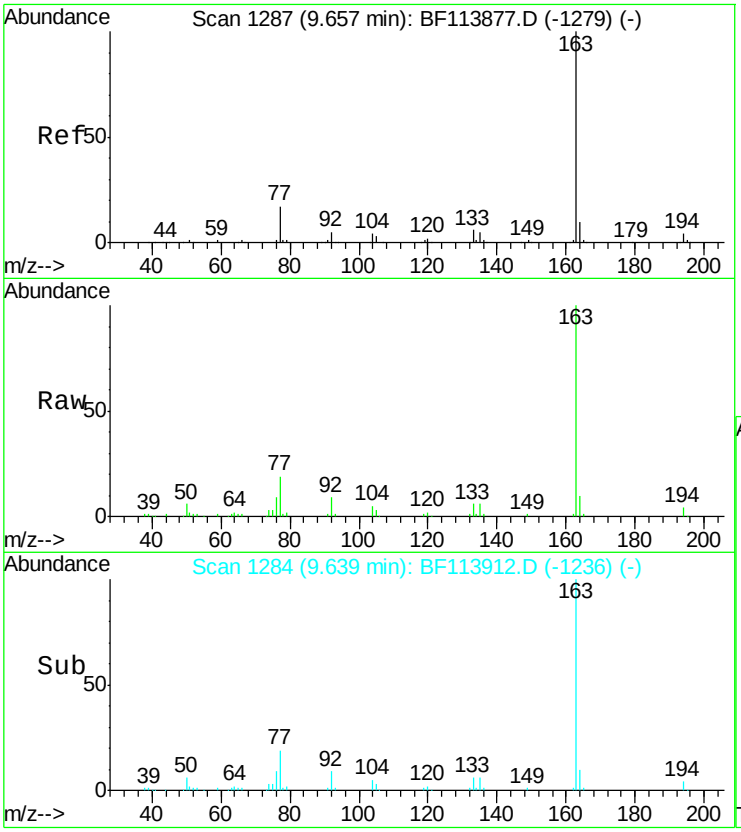


#45
2-Fluorobiphenyl
Concen: 59.884 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:172 Resp: 946845

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.6	19.9	29.9



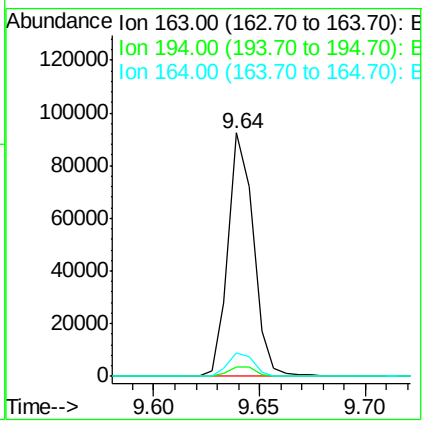


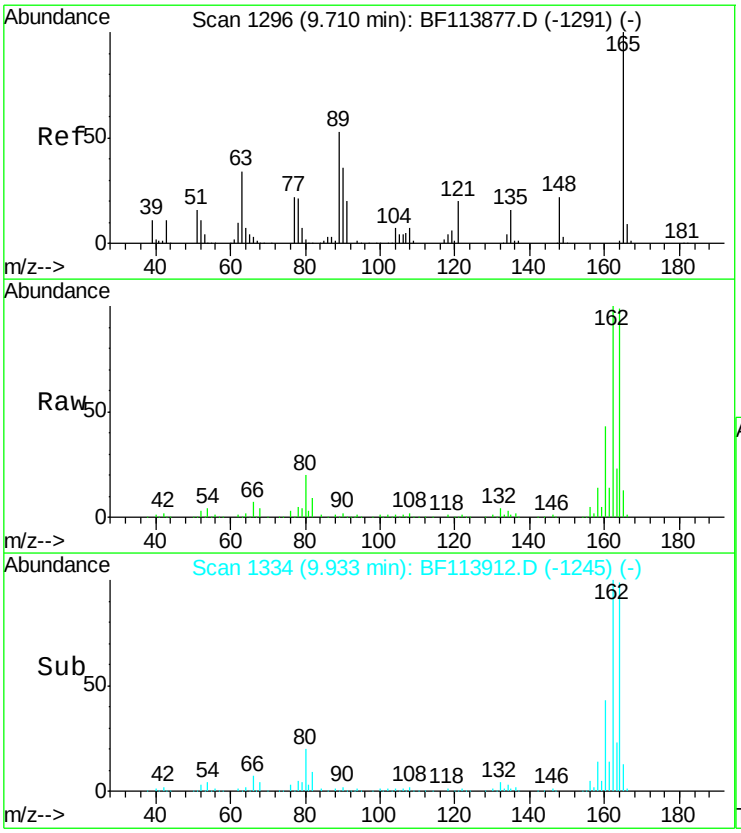
#50
Dimethylphthalate
Concen: 4.266 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:163 Resp: 76304

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.9	8.5	12.7

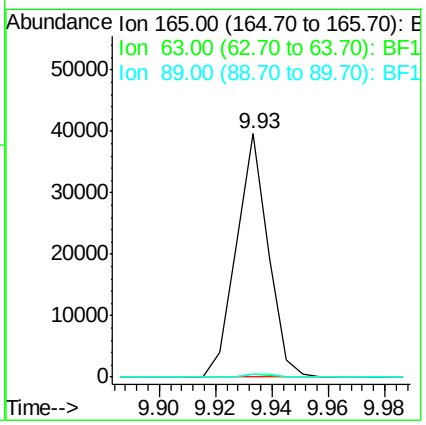


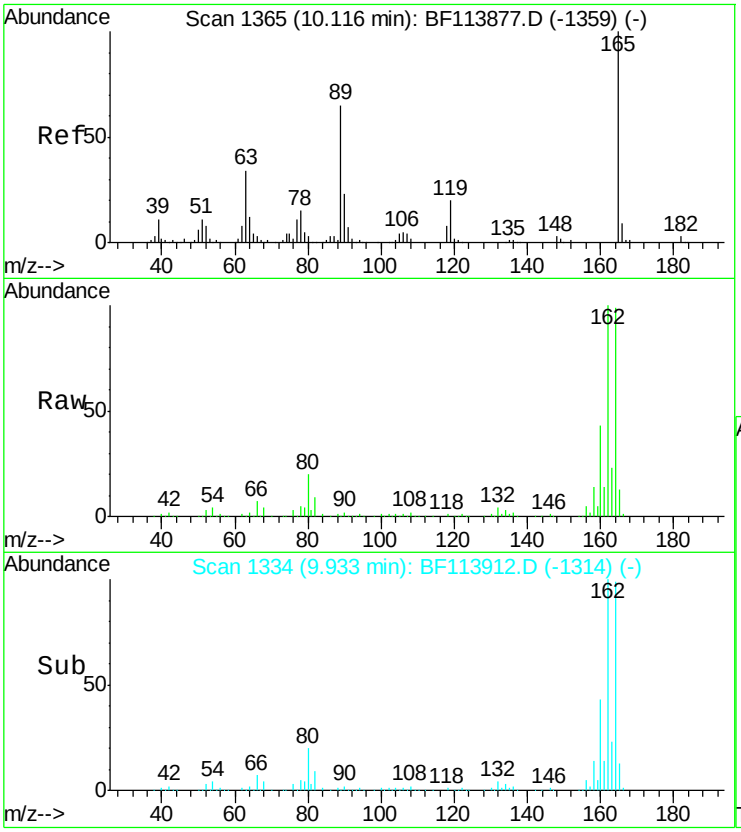


#51
2,6-Dinitrotoluene
Concen: 8.056 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:165 Resp: 30912

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.2	38.2	57.2#



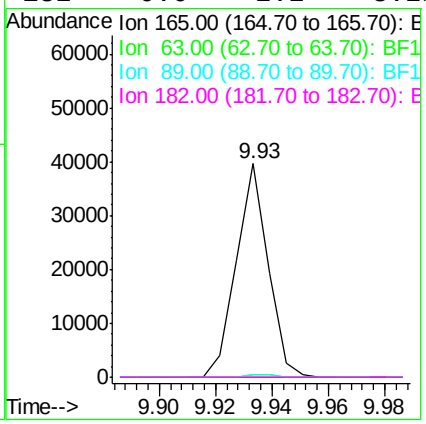


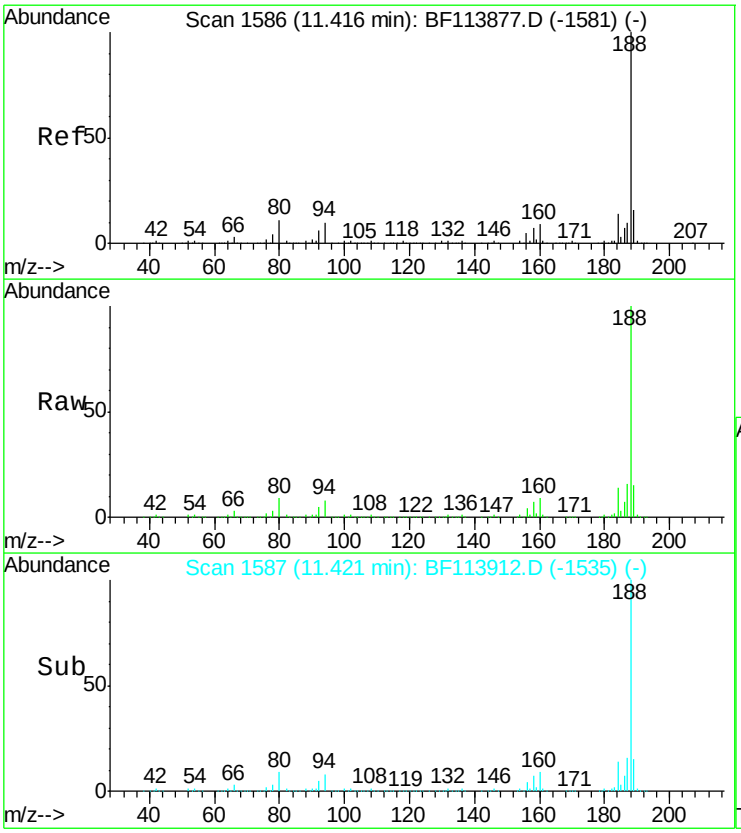
#57
2,4-Dinitrotoluene
Concen: 6.383 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:165 Resp: 30912

Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.4	41.0#
89	1.2	51.8	77.6#
182	0.0	2.2	3.2#

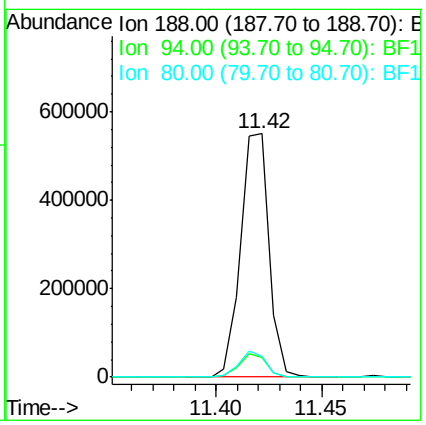


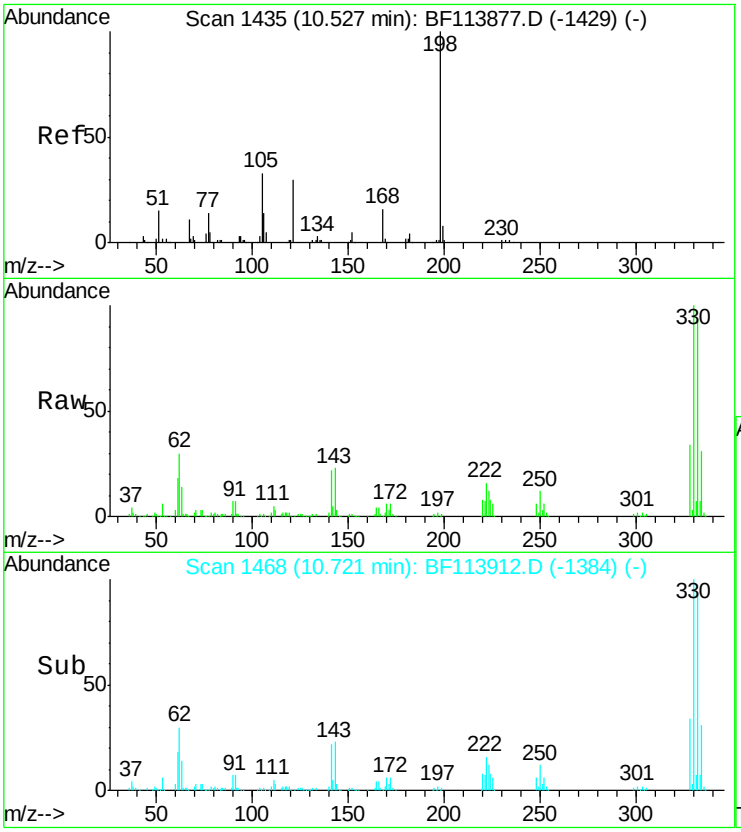


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:188 Resp: 514897

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.4#
80	8.7	9.0	13.6#



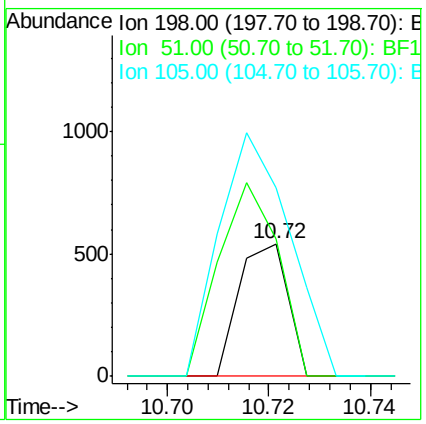


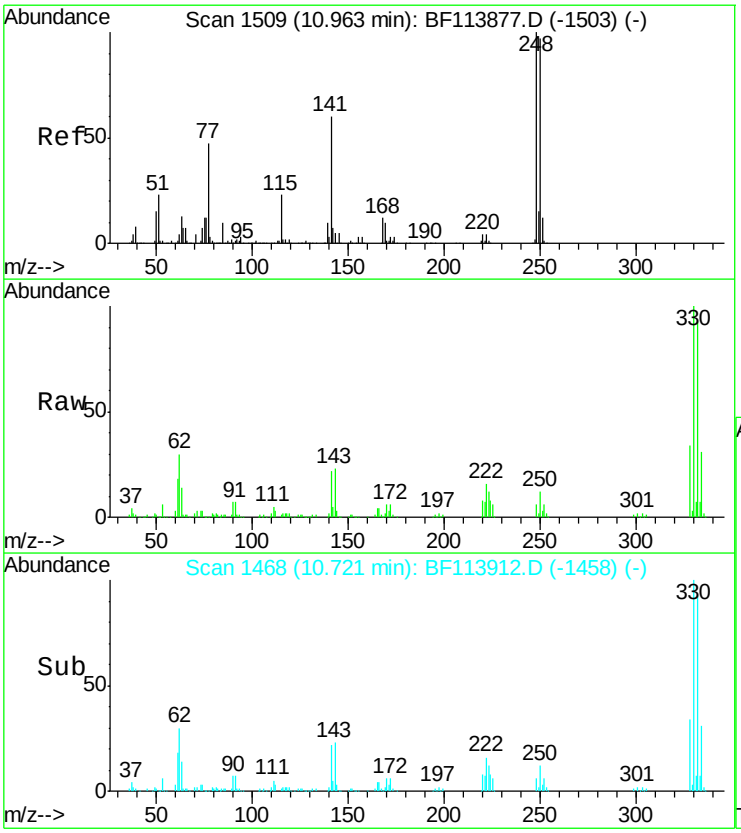
#65
4,6-Dinitro-2-methylphenol
Concen: 7.438 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:198 Resp: 362

Ion	Ratio	Lower	Upper
198	100		
51	103.9	11.1	51.1#
105	142.4	20.7	60.7#

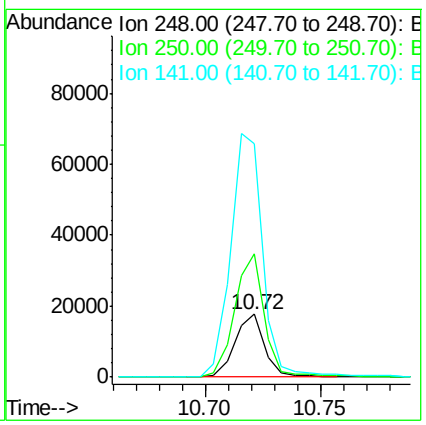


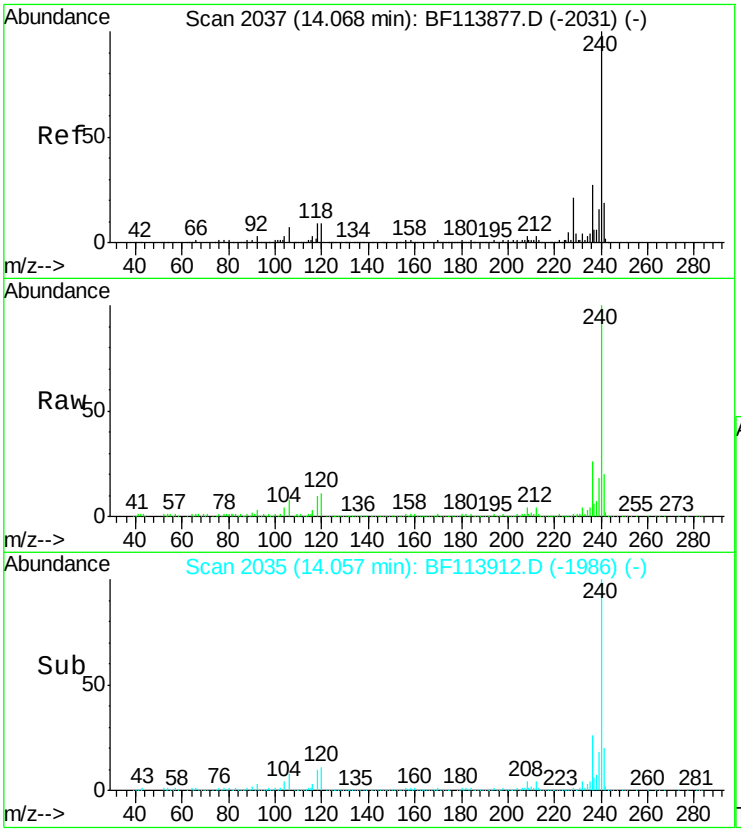


#67
4-Bromophenyl-phenylether
Concen: 2.547 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:248 Resp: 15841

Ion	Ratio	Lower	Upper
248	100		
250	196.0	75.8	113.6#
141	371.5	50.2	75.4#



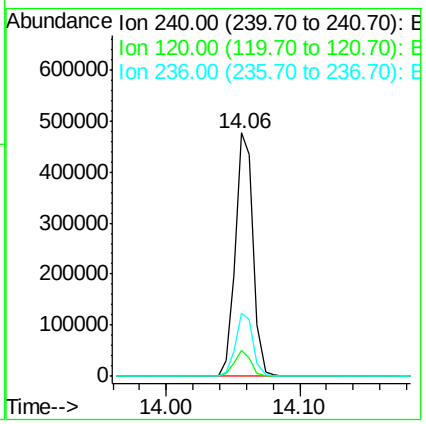


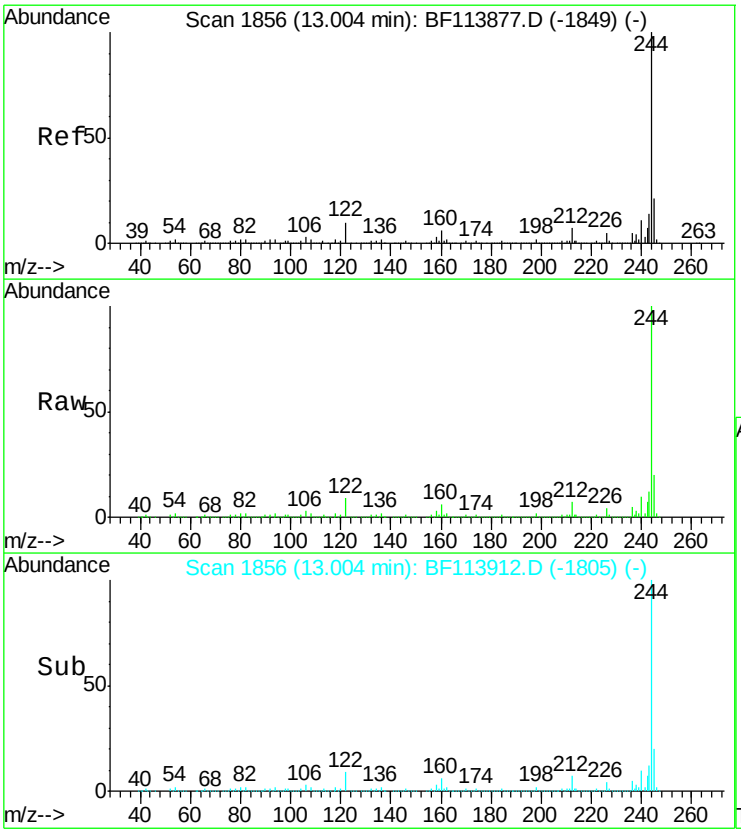
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:240 Resp: 443175

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.3	13.9
236	26.1	21.2	31.8

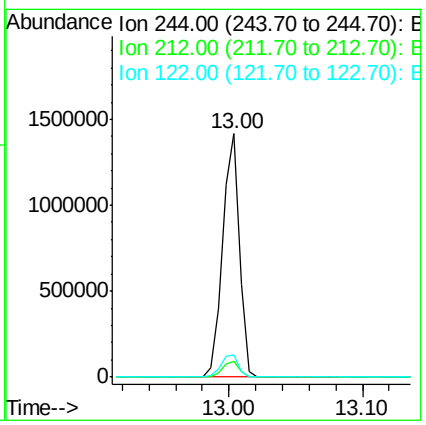


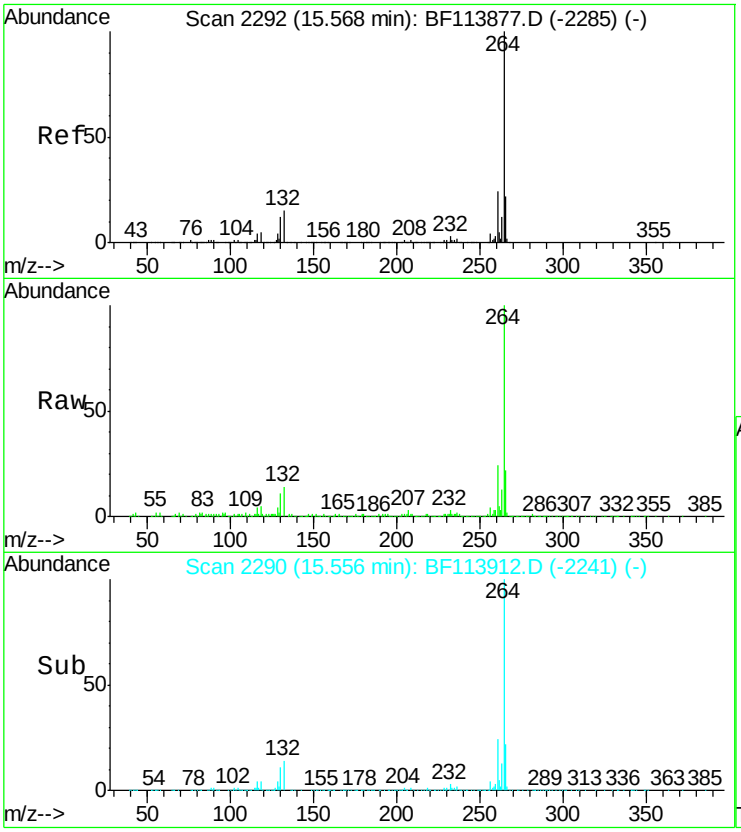


#79
Terphenyl-d14
Concen: 58.221 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:244 Resp: 1258565

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.4	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:264 Resp: 348703

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.5	17.3	25.9