Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
Data File : BF100633.D
Acq On : 16 Nov 2017 16:25
Operator : SJ/JU
Sample : I6302-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-04-111317-C

Quant Time: Nov 16 17:23:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 11:34:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	95366	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	349764	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	143660	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	232544	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	225678	20.00	ng	-0.03
86) Perylene-d12	15.52	264	249114	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	108745	18.28	ng	-0.02
7) Phenol-d6	6.49	99	134425	18.32	ng	-0.03
23) Nitrobenzene-d5	7.44	82	76681	14.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	17353	11.85	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	134580	14.26	ng	-0.03
78) Terphenyl-d14	12.98	244	99117	10.09	ng	-0.03
Target Compounds						Qvalue
26) 2-Nitrophenol	7.82	139	219	5.455	ng	# 1
47) 2-Nitroaniline	9.47	65	395	2.924	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	20237	9.321	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	20237	7.388	ng	# 23

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
Data File : BF100633.D
Acq On : 16 Nov 2017 16:25
Operator : SJ/JU
Sample : I6302-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

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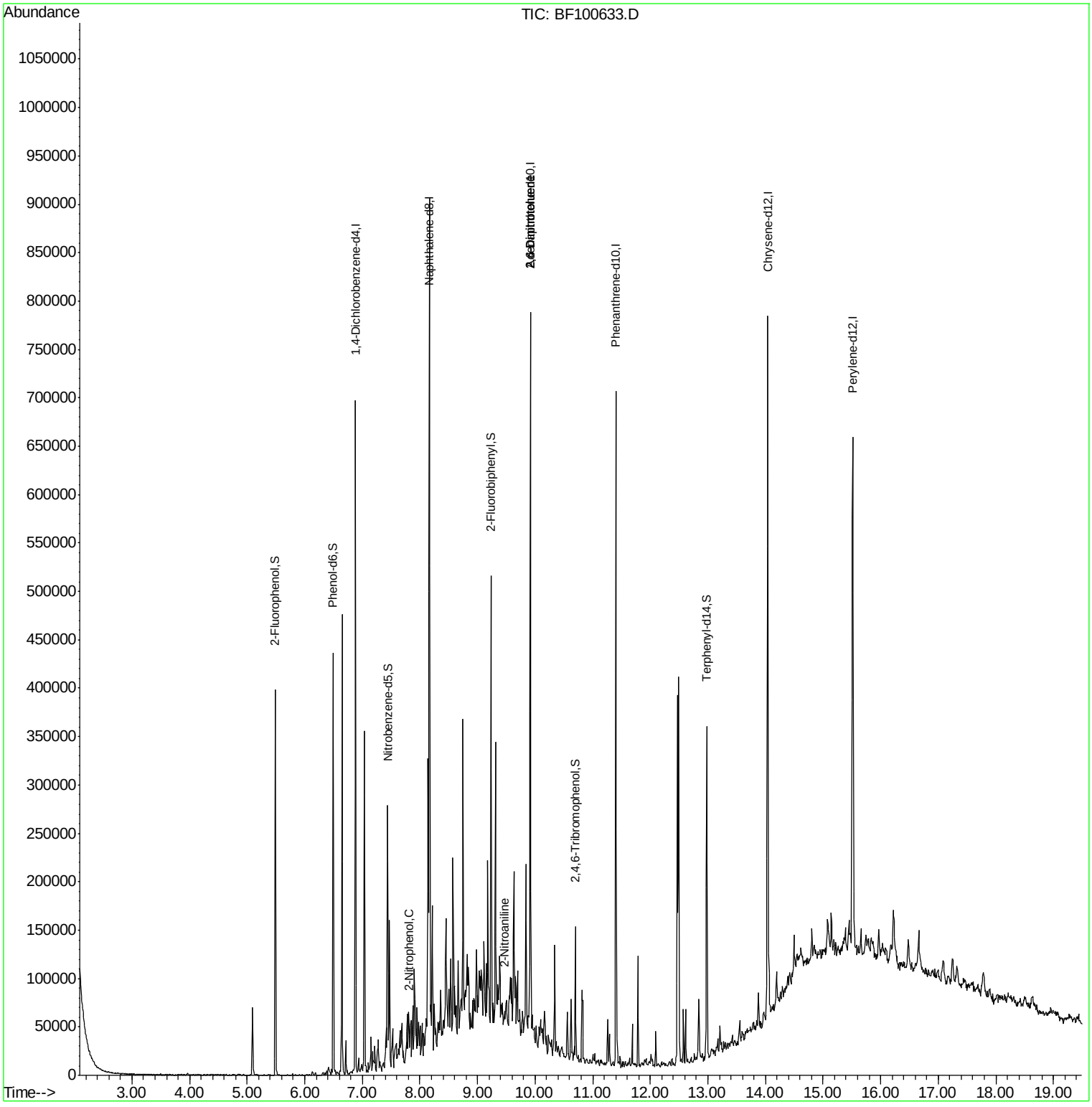
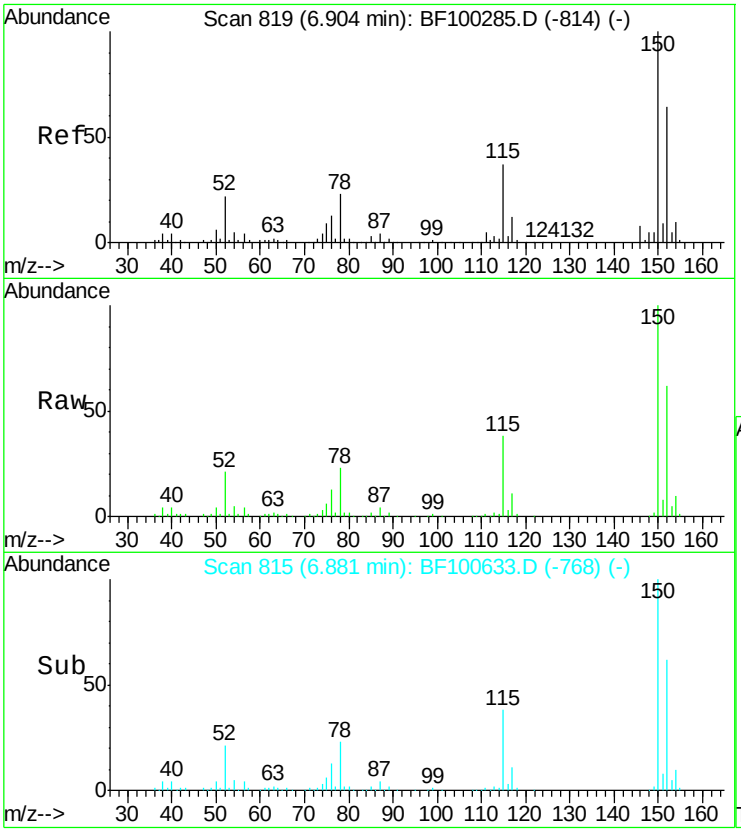


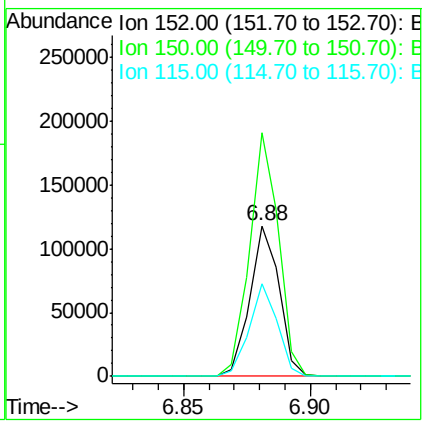


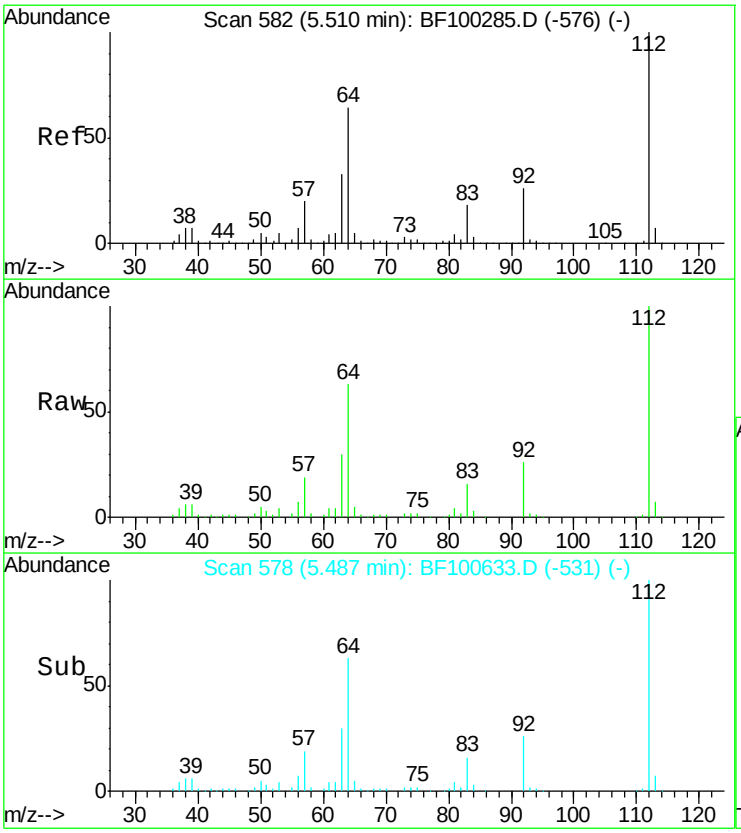
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion:152 Resp: 95366

Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.6	186.8
115	61.3	50.1	75.1

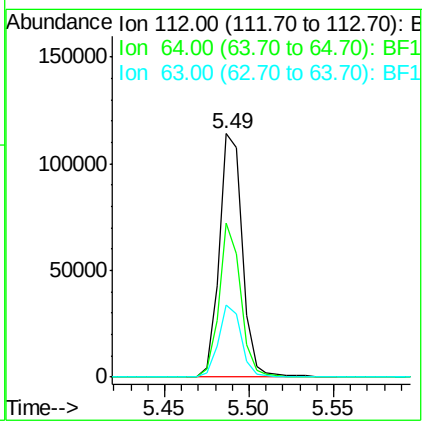


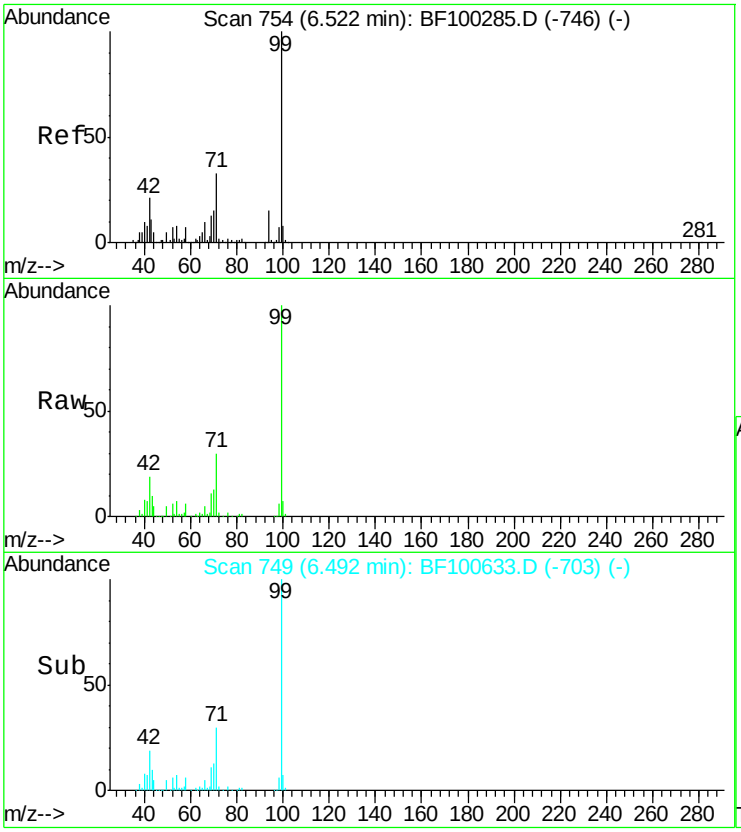


#5
2-Fluorophenol
Concen: 18.279 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:112 Resp: 108745

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	29.7	23.7	35.5



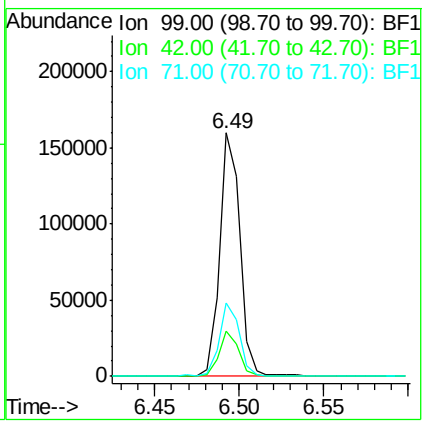


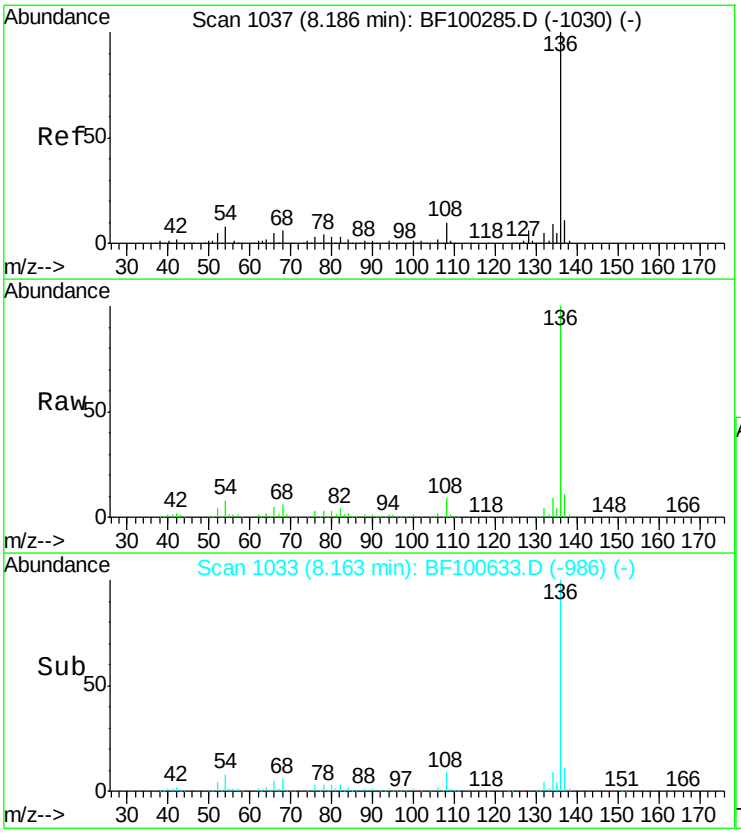
#7
Phenol-d6
Concen: 18.323 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion: 99 Resp: 134425

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	30.1	25.4	38.0

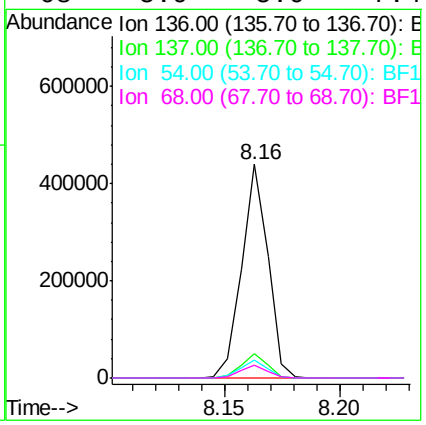


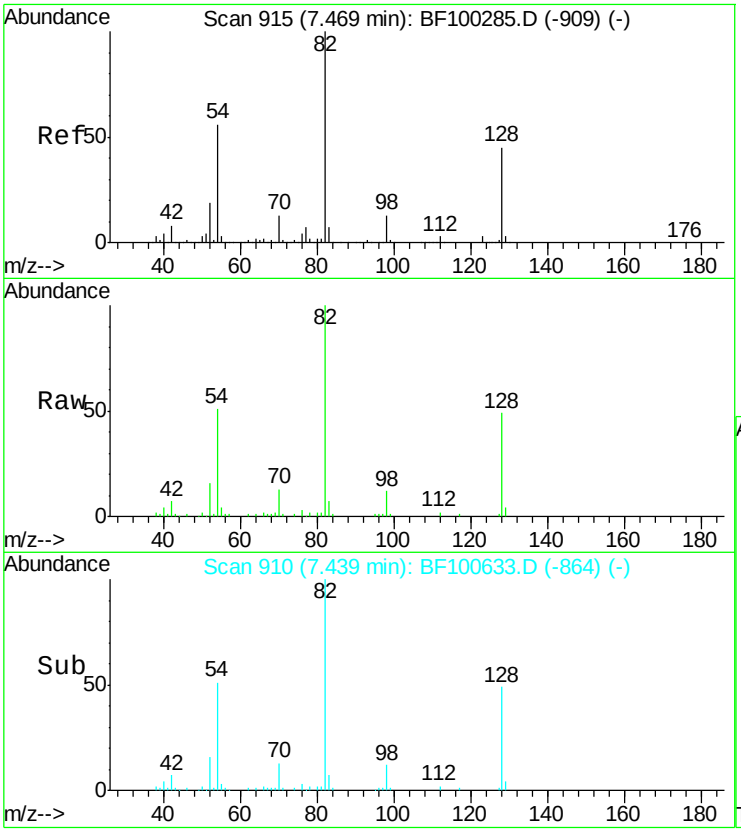


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:136 Resp: 349764

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	6.6	9.8
68	5.9	5.0	7.4



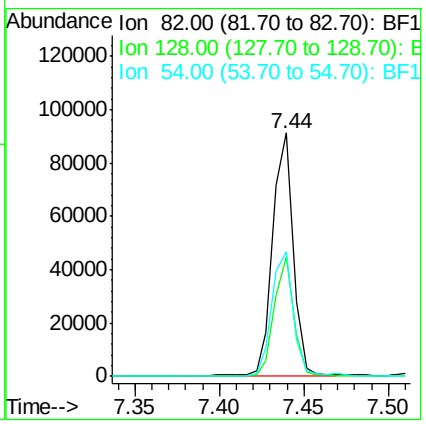


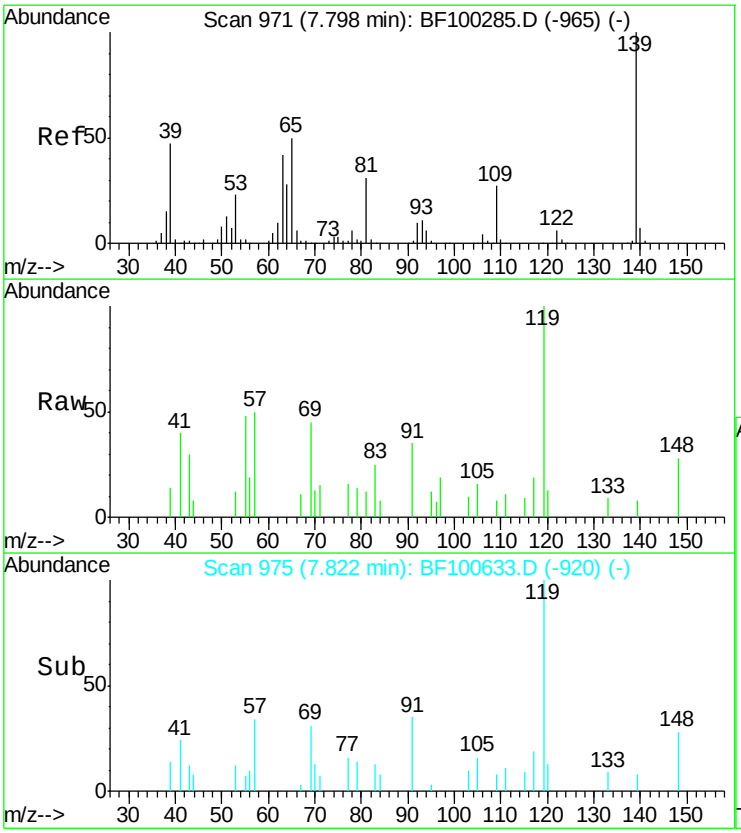
#23
Nitrobenzene-d5
Concen: 14.494 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion: 82 Resp: 76681

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	51.4	41.4	62.2

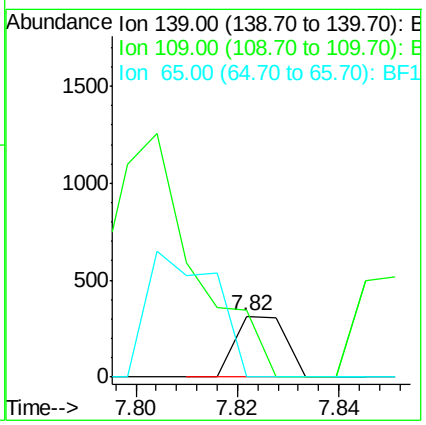


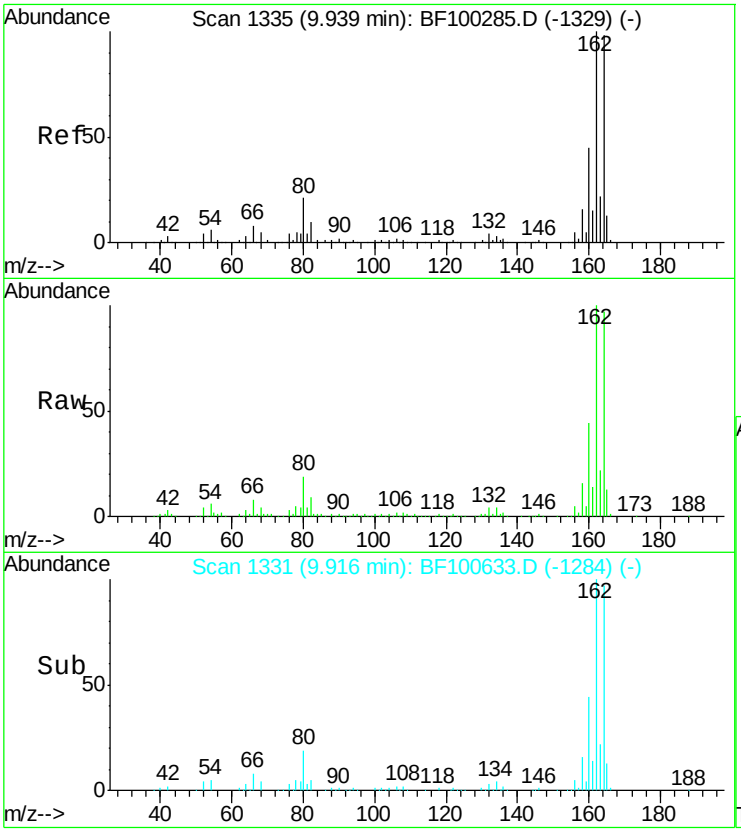


#26
2-Nitrophenol
Concen: 5.455 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:139 Resp: 219

Ion	Ratio	Lower	Upper
139	100		
109	109.2	22.7	34.1#
65	0.0	40.5	60.7#



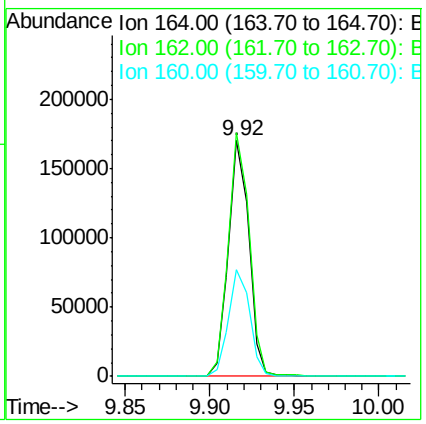


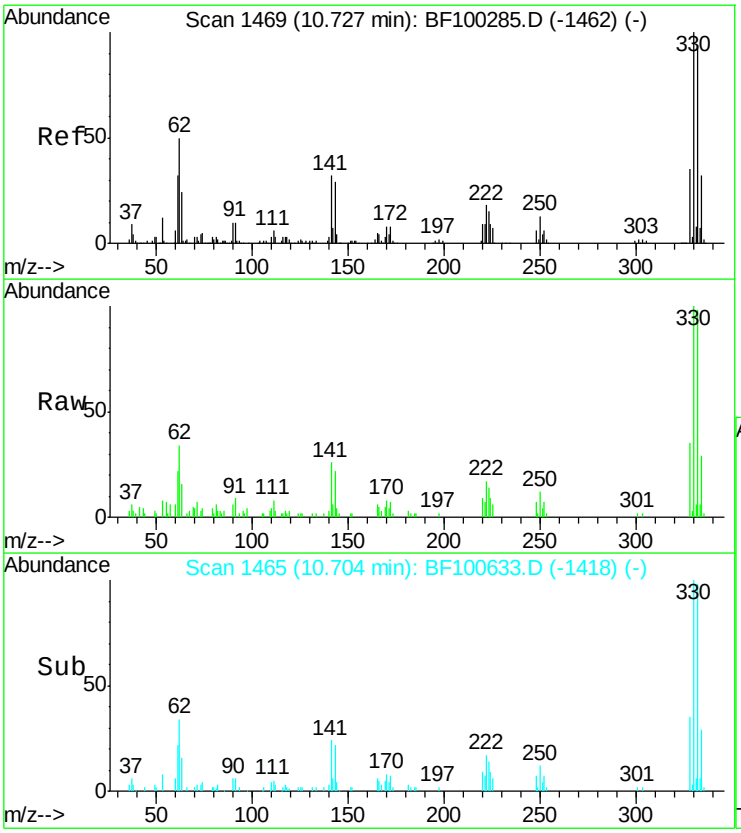
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion:164 Resp: 143660

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.1	38.3	57.5

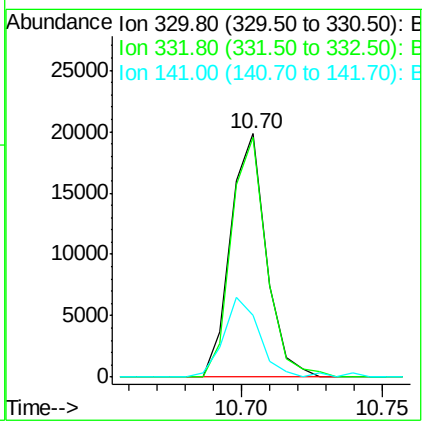


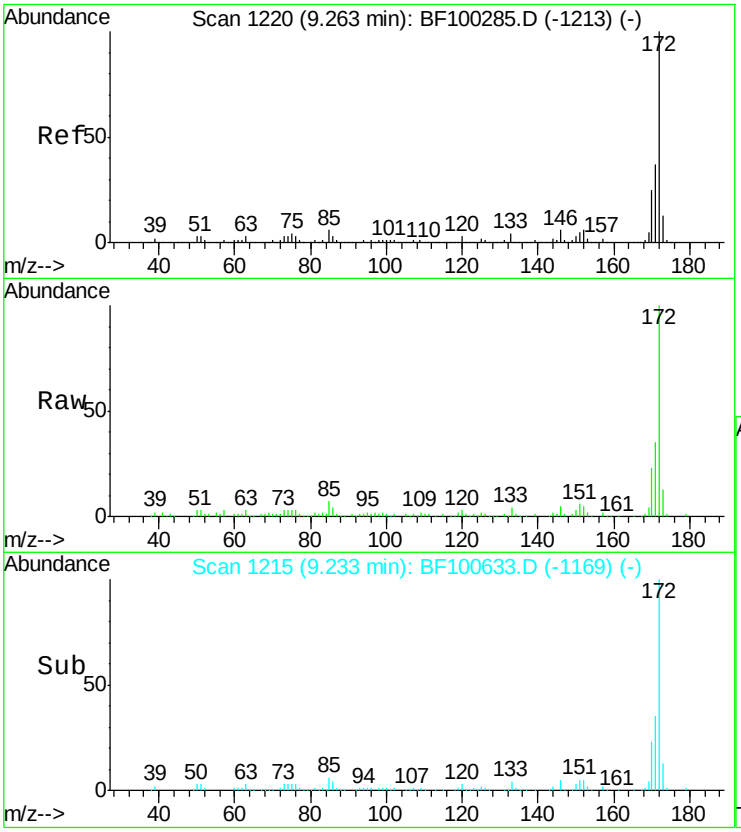


#41
2,4,6-Tribromophenol
Concen: 11.854 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:330 Resp: 17353

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	32.4	29.9	44.9



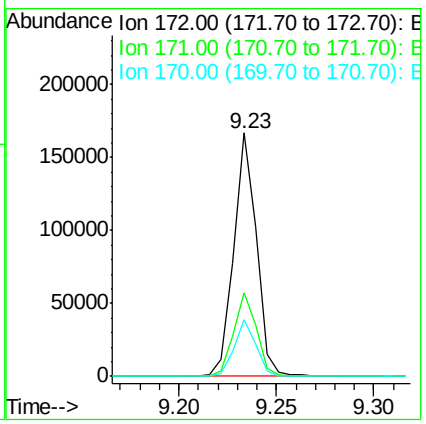


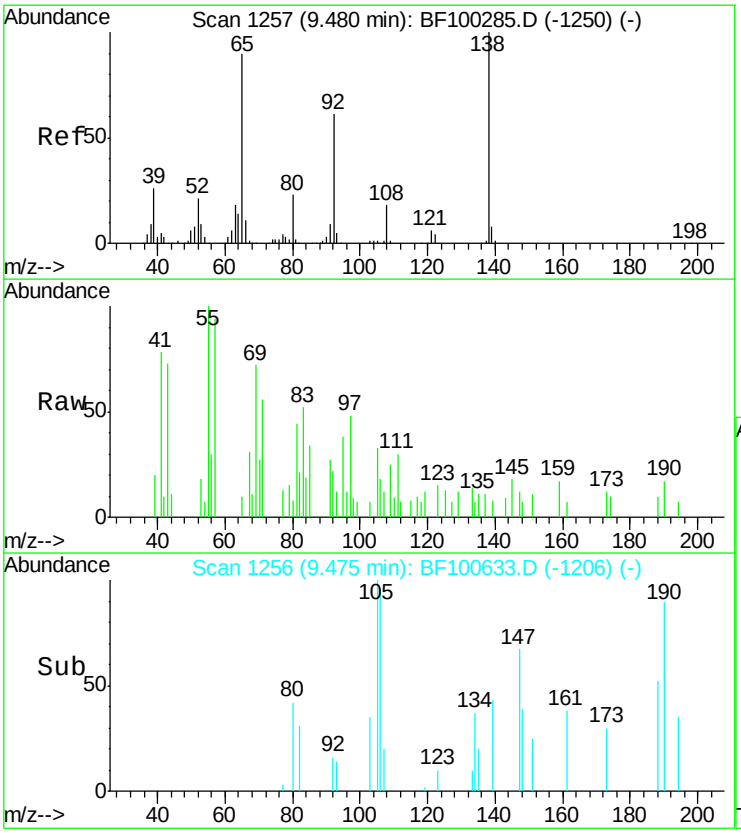
#44
2-Fluorobiphenyl
Concen: 14.265 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion:172 Resp: 134580

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.1	19.6	29.4

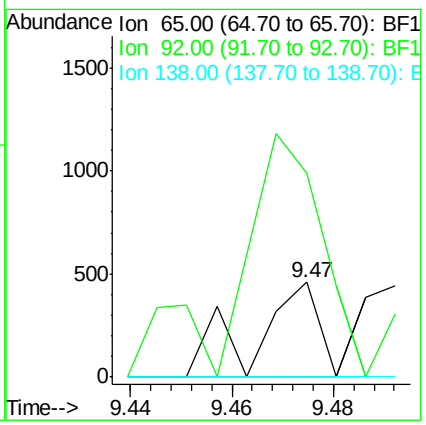


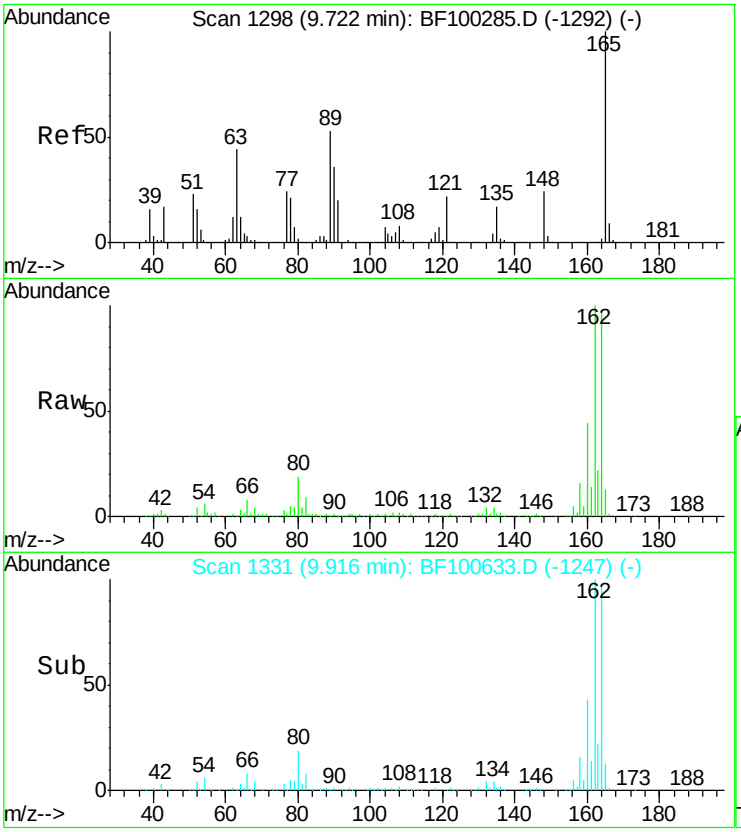


#47
2-Nitroaniline
Concen: 2.924 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion: 65 Resp: 395

Ion	Ratio	Lower	Upper
65	100		
92	215.9	55.8	83.6#
138	0.0	91.2	136.8#



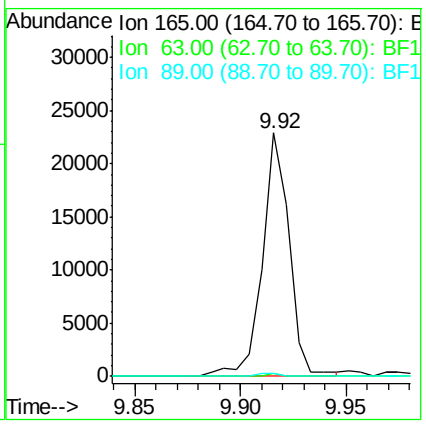


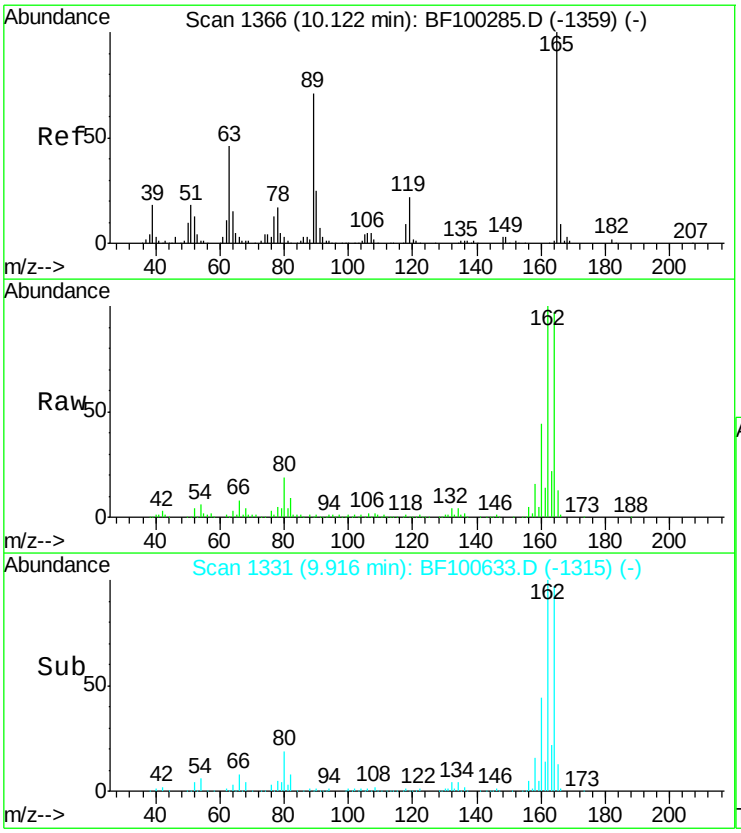
#50
2,6-Dinitrotoluene
Concen: 9.321 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.19 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion:165 Resp: 20237

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

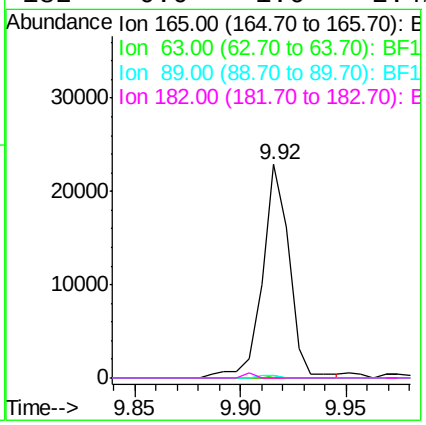


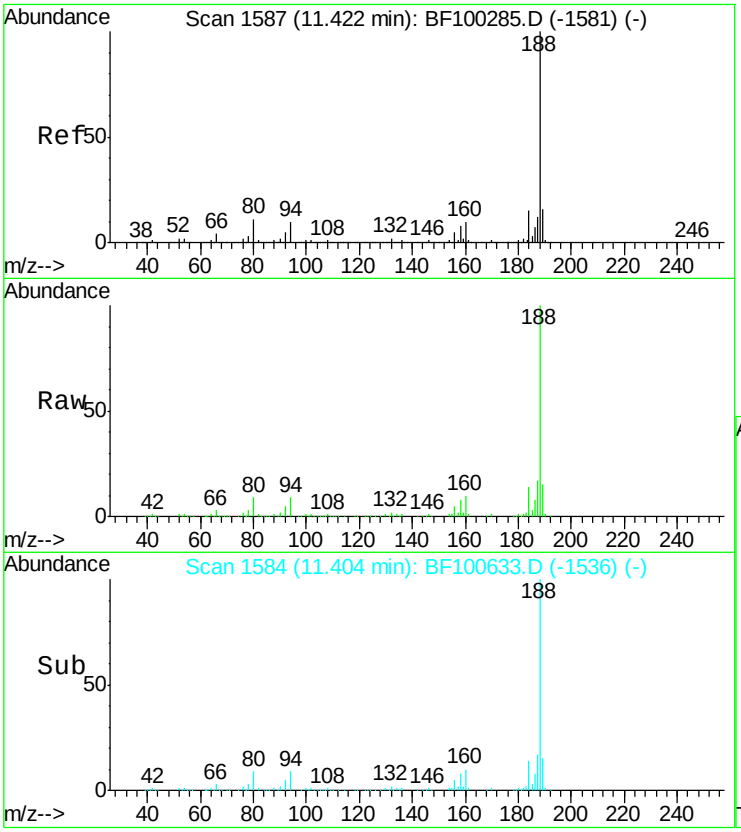


#56
2,4-Dinitrotoluene
Concen: 7.388 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.21 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:165 Resp: 20237

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



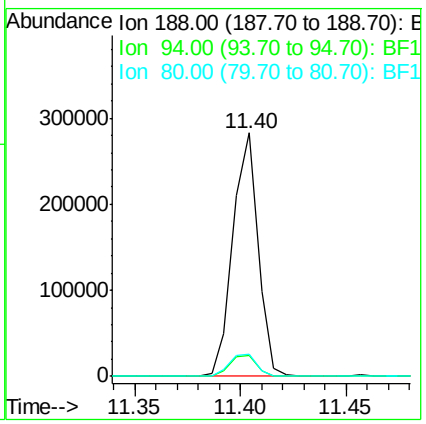


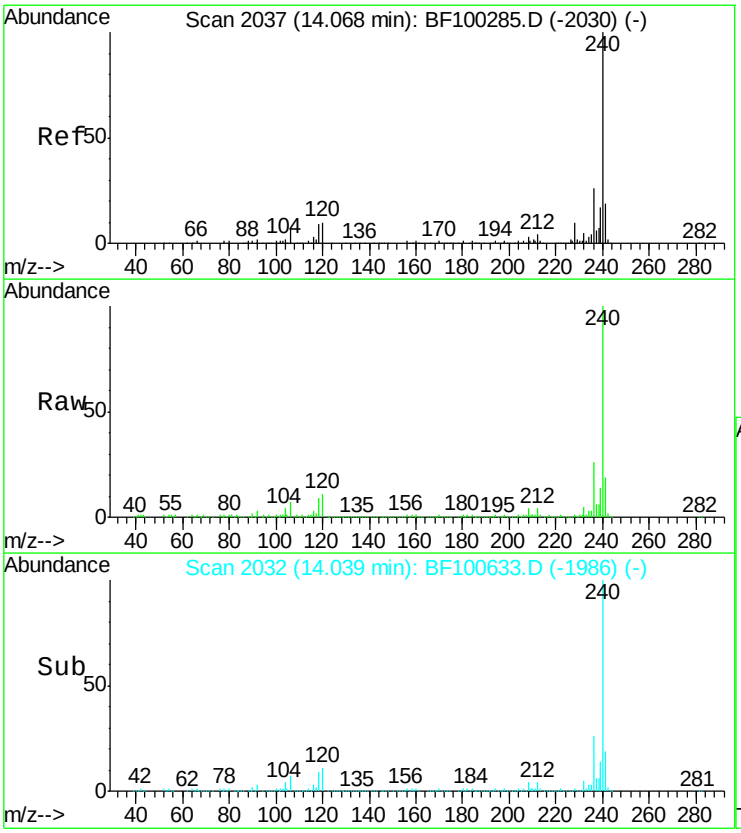
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion:188 Resp: 232544

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.3	9.2	13.8

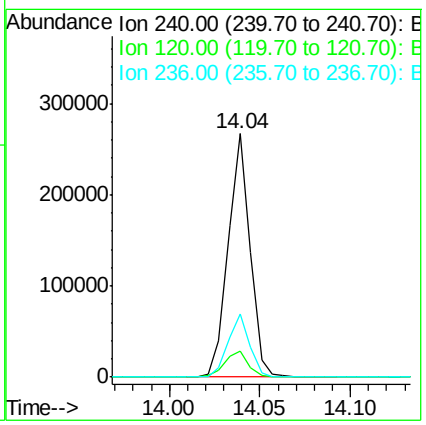


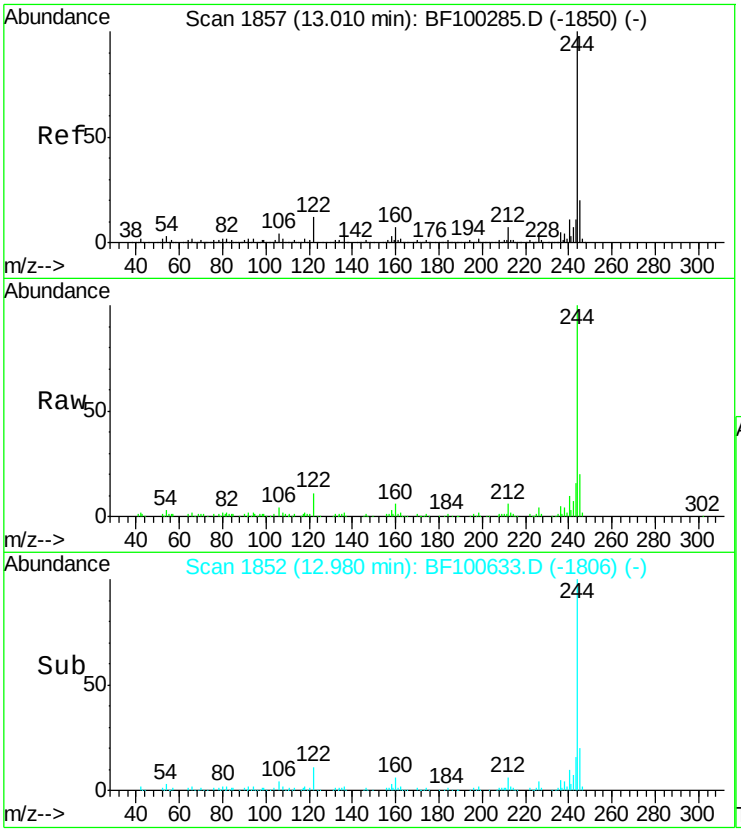


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:240 Resp: 225678

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.1	20.7	31.1



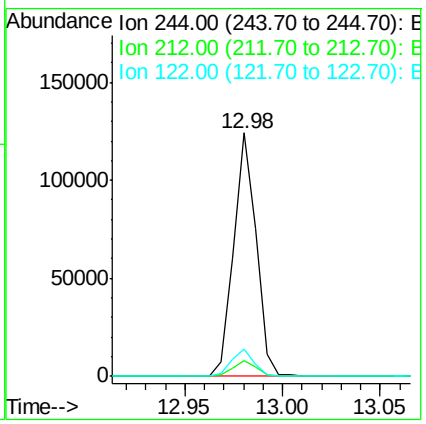


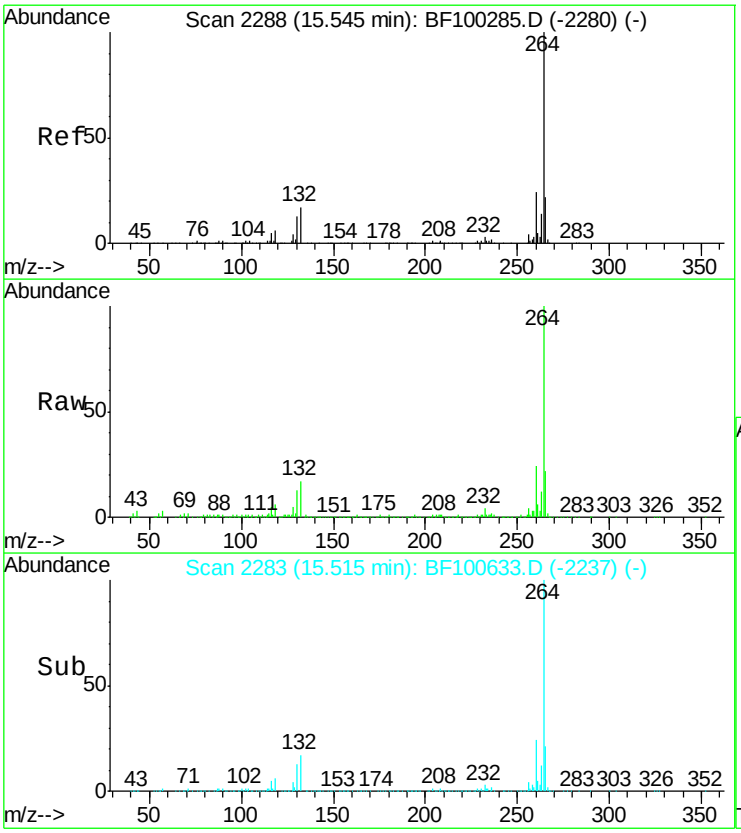
#78
Terphenyl-d14
Concen: 10.091 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tgt Ion:244 Resp: 99117

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:264 Resp: 249114

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3