Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100318.D
Acq On : 9 Nov 2017 3:41
Operator : SJ/JU
Sample : PB104087TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104087TB

Quant Time: Nov 09 04:17:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183161	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	714905	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	303121	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	489648	20.00	ng	0.00
75) Chrysene-d12	14.06	240	354409	20.00	ng	-0.01
86) Perylene-d12	15.54	264	337705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1051560	92.03	ng	0.02
7) Phenol-d6	6.52	99	1257904	89.28	ng	0.00
23) Nitrobenzene-d5	7.46	82	778572	72.00	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	249033	80.62	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1411219	70.89	ng	0.00
78) Terphenyl-d14	13.00	244	970348	62.91	ng	0.00
Target Compounds						Qvalue

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

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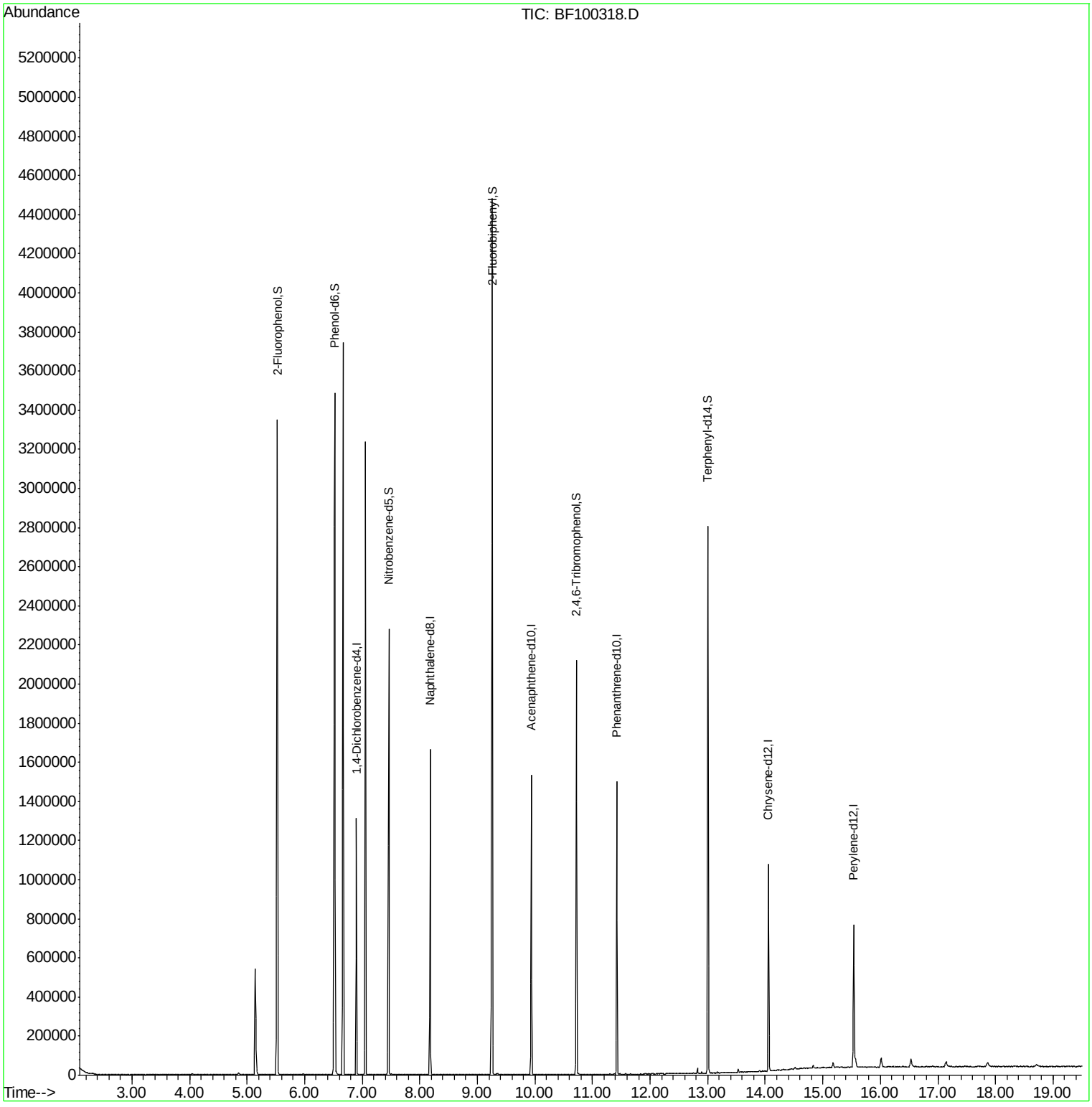
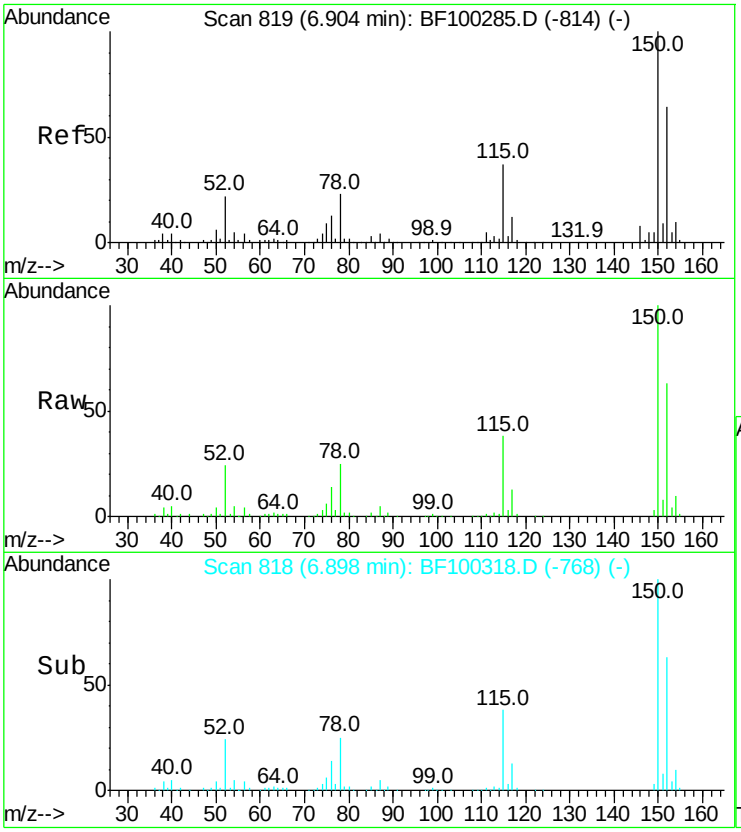


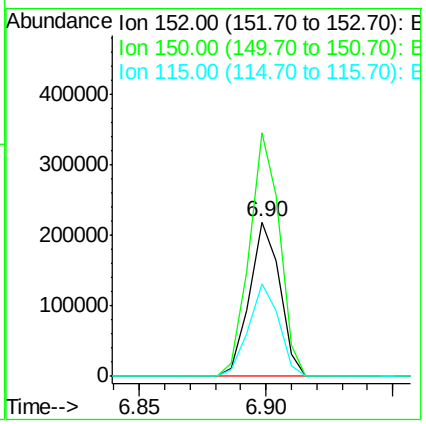


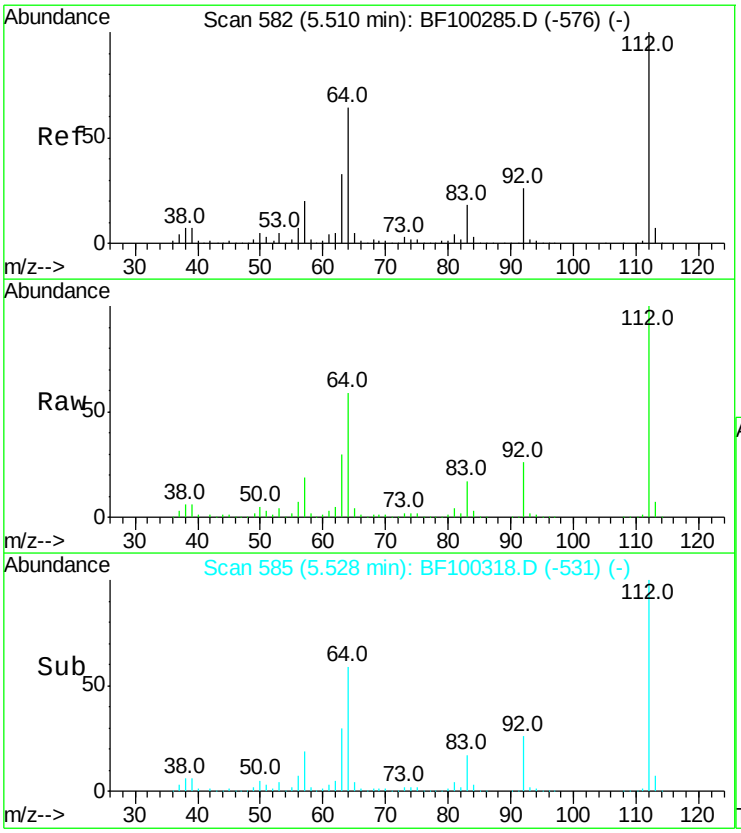
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Instrument :
BNA_F
ClientSampleId :
PB104087TB

Tgt Ion:152 Resp: 183161

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.0	50.1	75.1

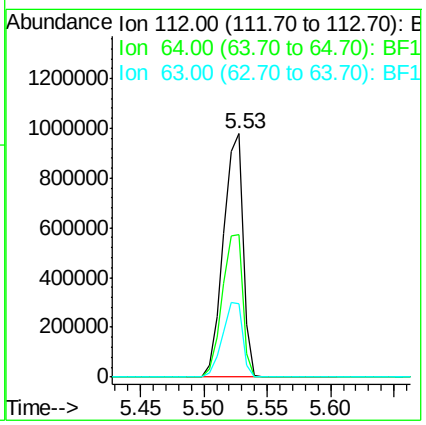


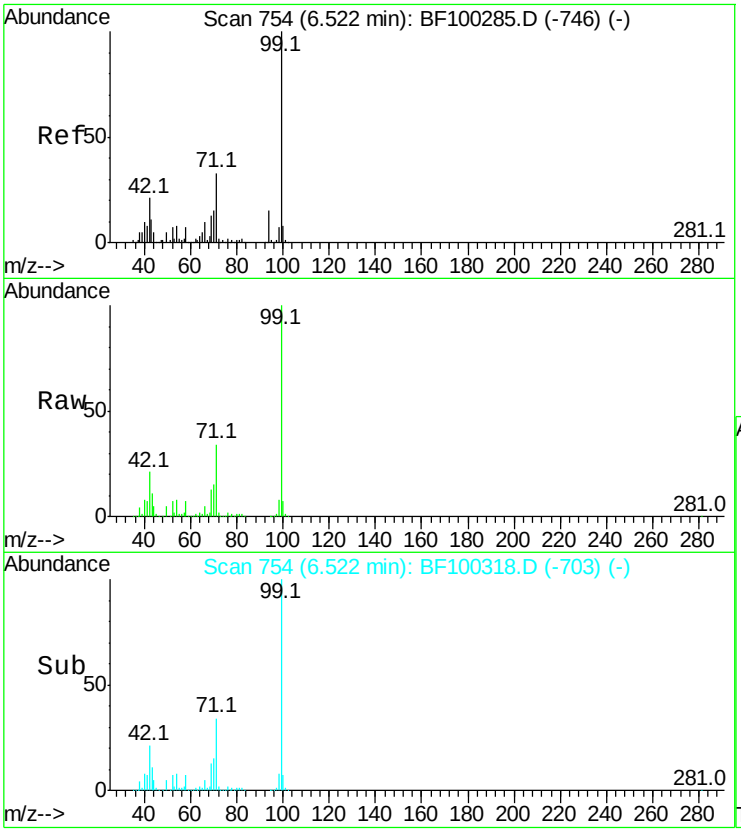


#5
2-Fluorophenol
Concen: 92.030 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tgt Ion:112 Resp: 1051560

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.1	23.7	35.5



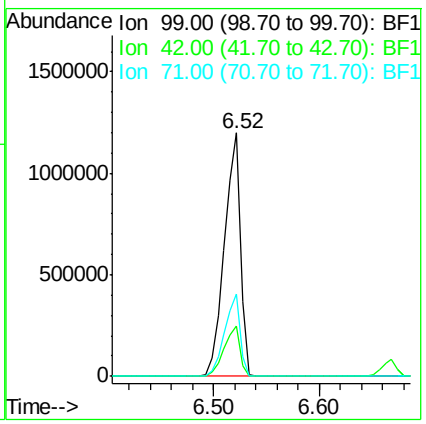


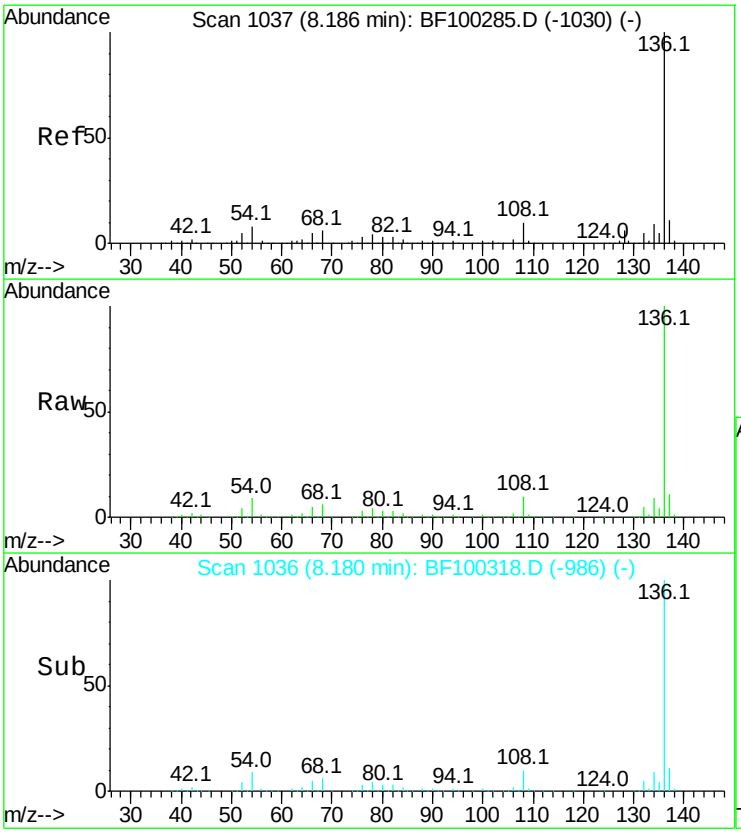
#7
Phenol-d6
Concen: 89.276 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Instrument :
BNA_F
ClientSampleId :
PB104087TB

Tgt Ion: 99 Resp: 1257904

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	34.0	25.4	38.0

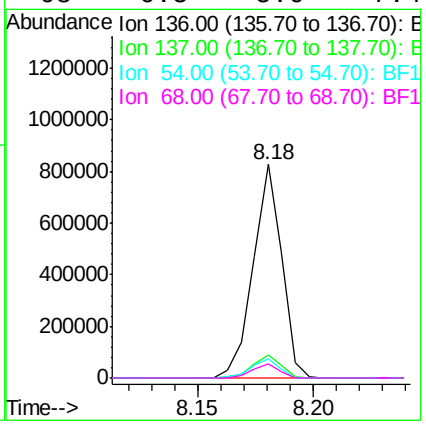


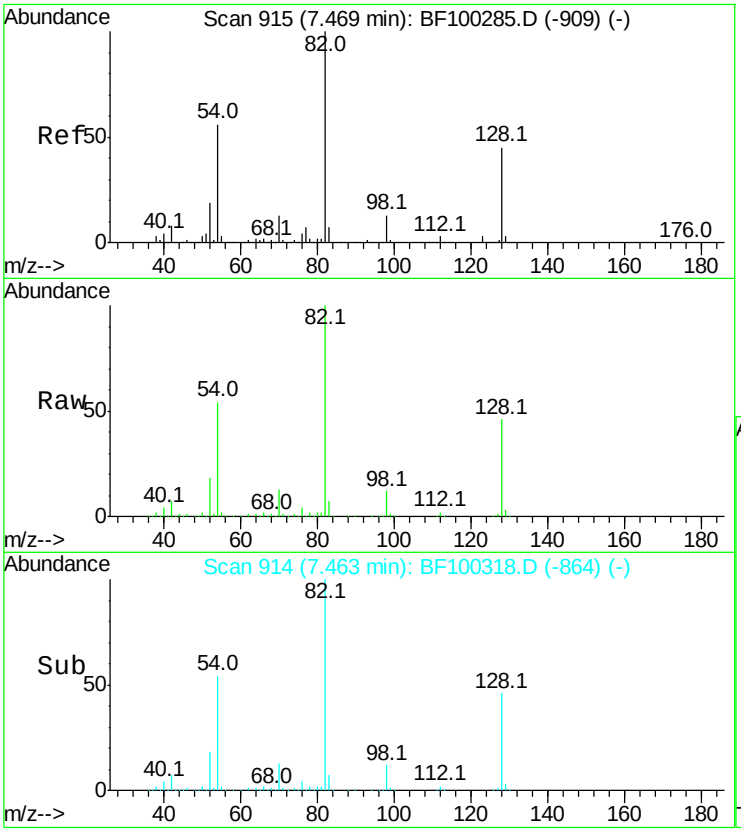


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tgt Ion:136 Resp: 714905

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4



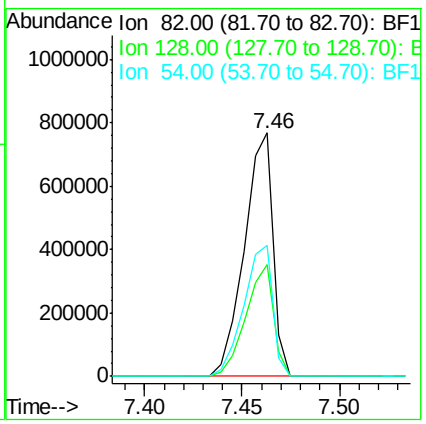


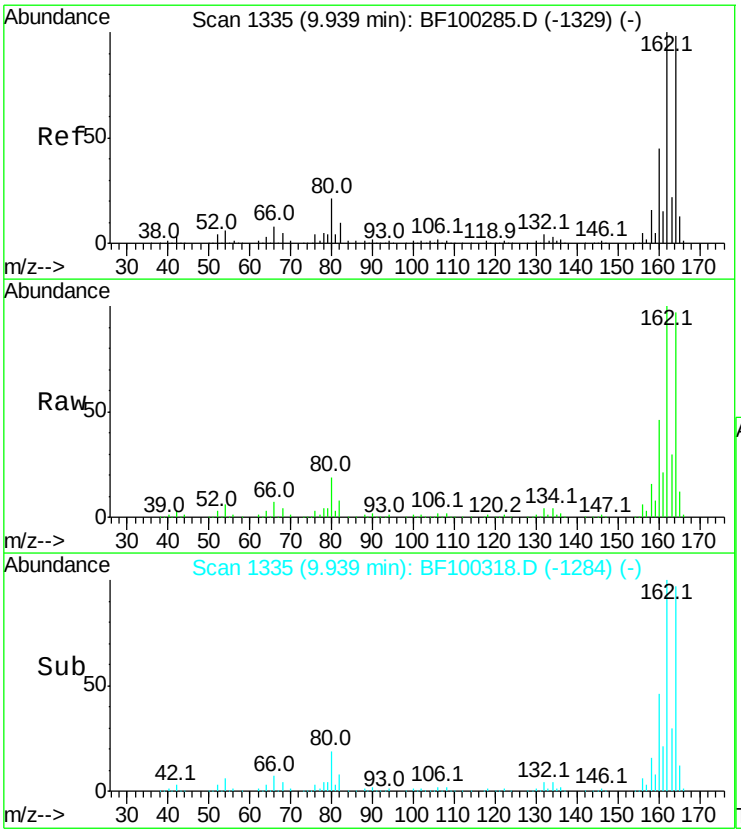
#23
Nitrobenzene-d5
Concen: 72.001 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Instrument :
BNA_F
ClientSampleId :
PB104087TB

Tgt Ion: 82 Resp: 778572

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	53.9	41.4	62.2

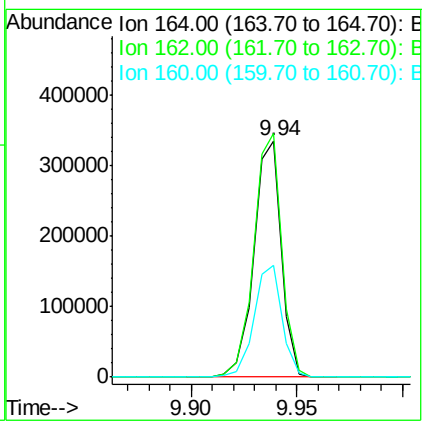


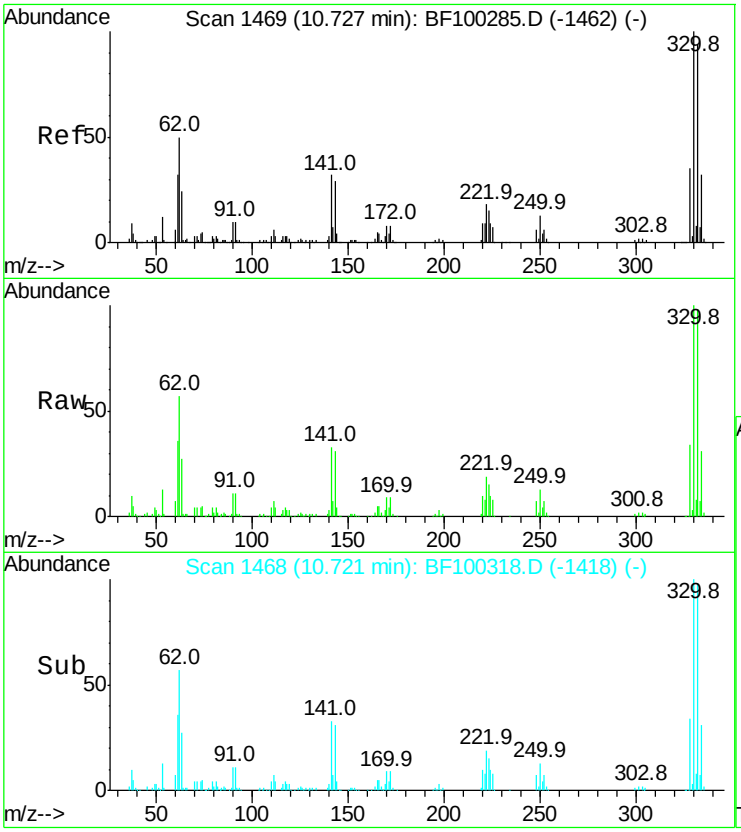


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tgt Ion:164 Resp: 303121

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.6	38.3	57.5



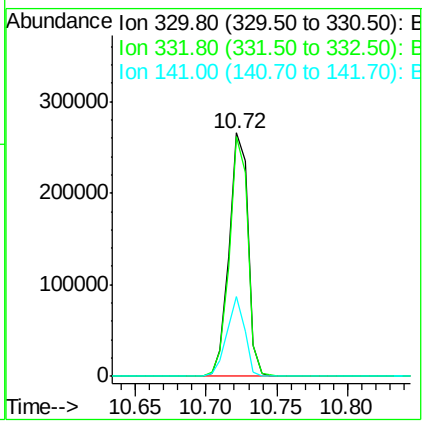


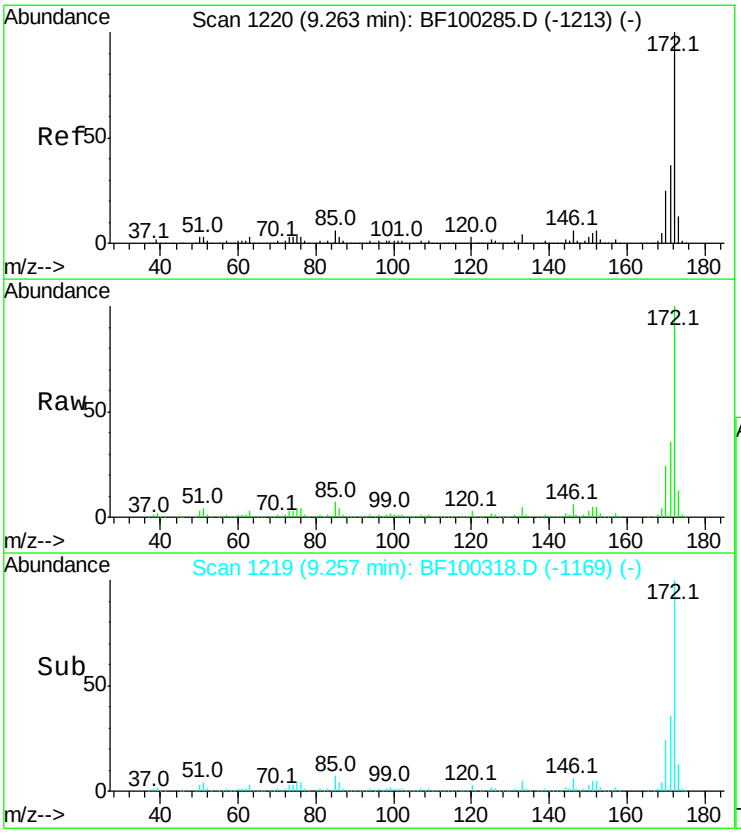
#41
2,4,6-Tribromophenol
Concen: 80.624 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Instrument :
BNA_F
ClientSampleId :
PB104087TB

Tgt Ion:330 Resp: 249033

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.9	29.9	44.9

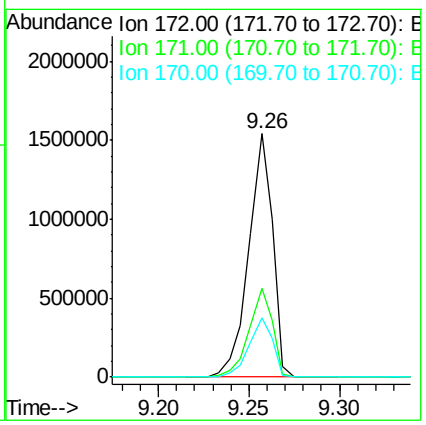


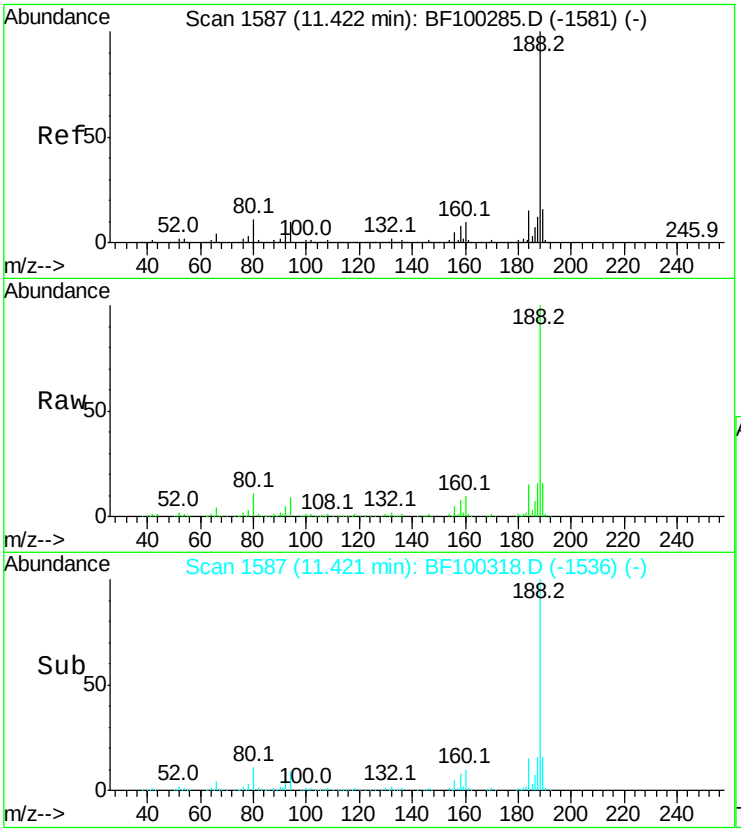


#44
2-Fluorobiphenyl
Concen: 70.892 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tgt Ion:172 Resp: 1411219

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



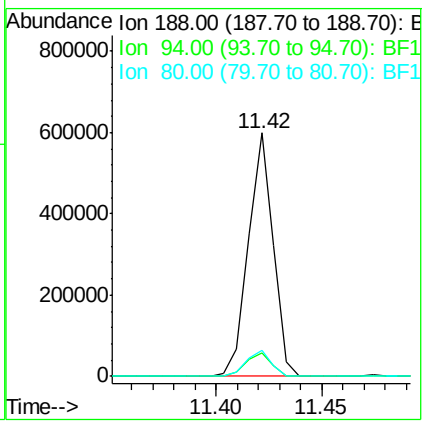


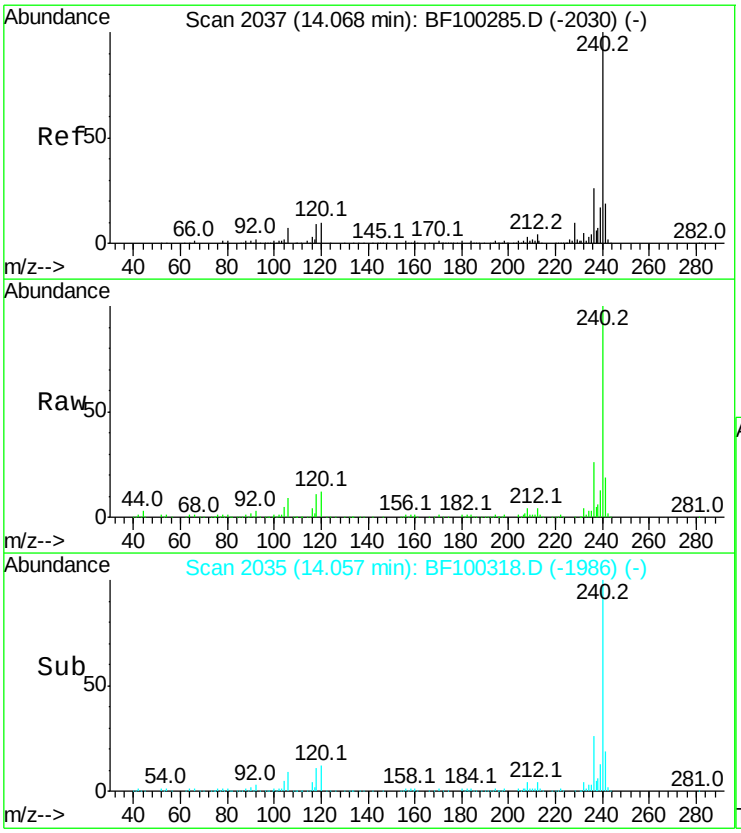
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Instrument :
BNA_F
ClientSampleId :
PB104087TB

Tgt Ion:188 Resp: 489648

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8

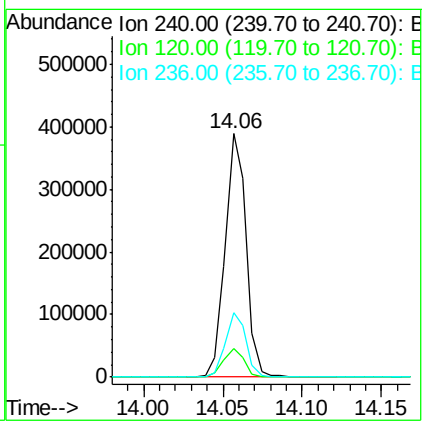


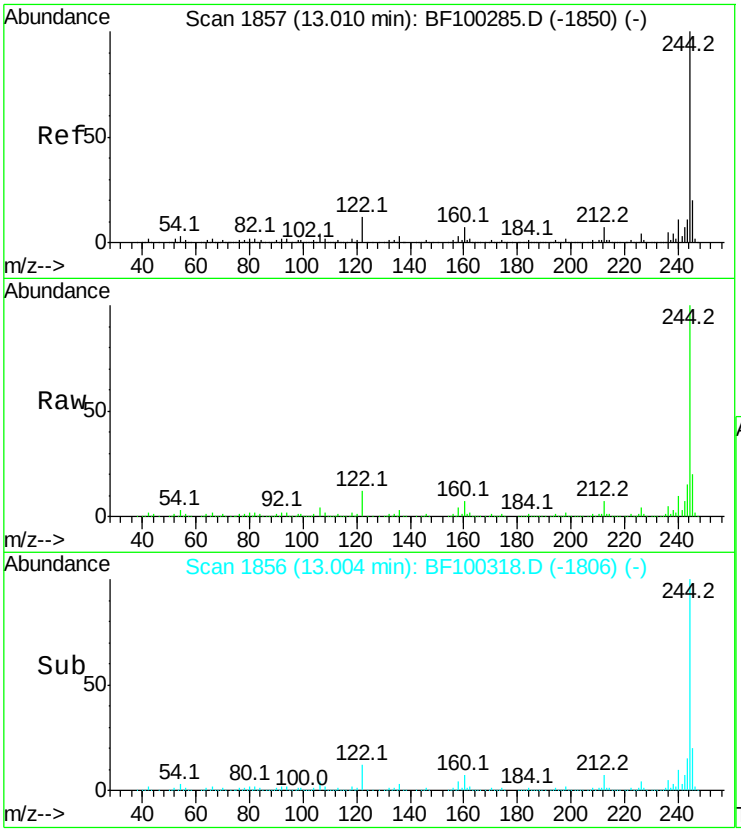


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tgt Ion:240 Resp: 354409

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.3	20.7	31.1



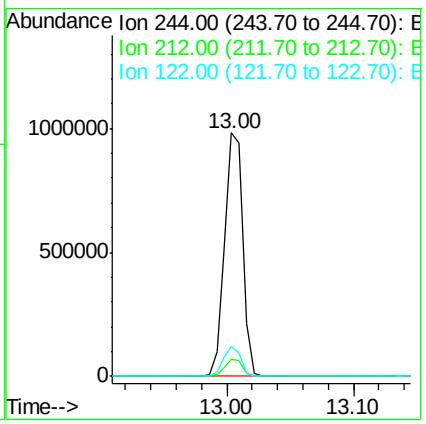


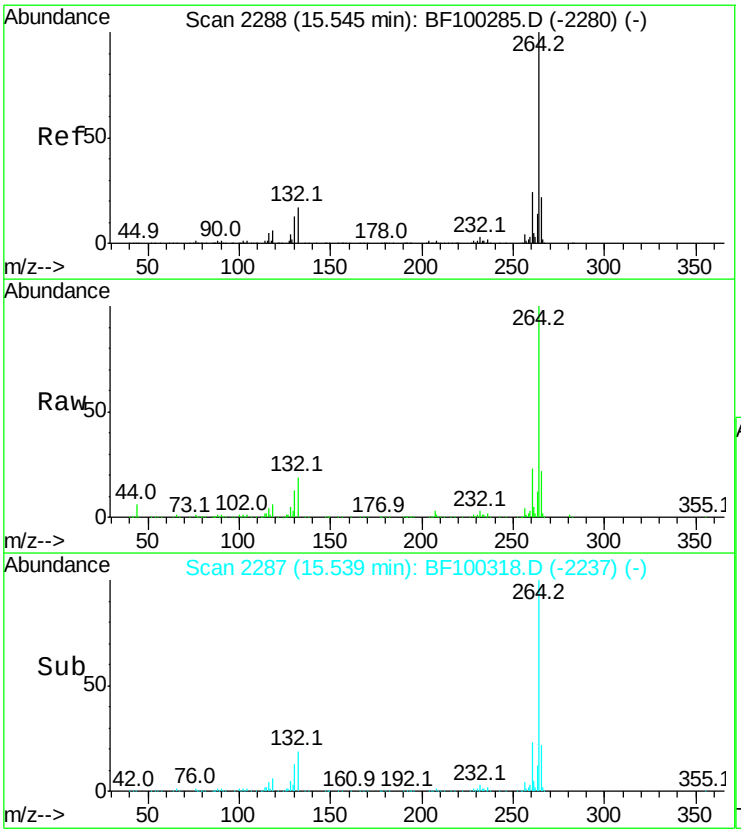
#78
Terphenyl-d14
Concen: 62.910 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Instrument :
BNA_F
ClientSampleId :
PB104087TB

Tgt Ion:244 Resp: 970348

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tgt Ion:264 Resp: 337705

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3