Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100443.D
Acq On : 11 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

Quant Time: Nov 13 03:32:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144637	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	520694	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	196705	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	315887	20.00	ng	0.00
75) Chrysene-d12	14.07	240	305257	20.00	ng	0.00
86) Perylene-d12	15.55	264	217320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	566234	62.75	ng	0.00
7) Phenol-d6	6.52	99	452651	40.68	ng	0.00
23) Nitrobenzene-d5	7.47	82	820464	104.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	198852	99.21	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1328569	102.85	ng	0.00
78) Terphenyl-d14	13.02	244	1047214	78.83	ng	0.00
Target Compounds						Qvalue

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

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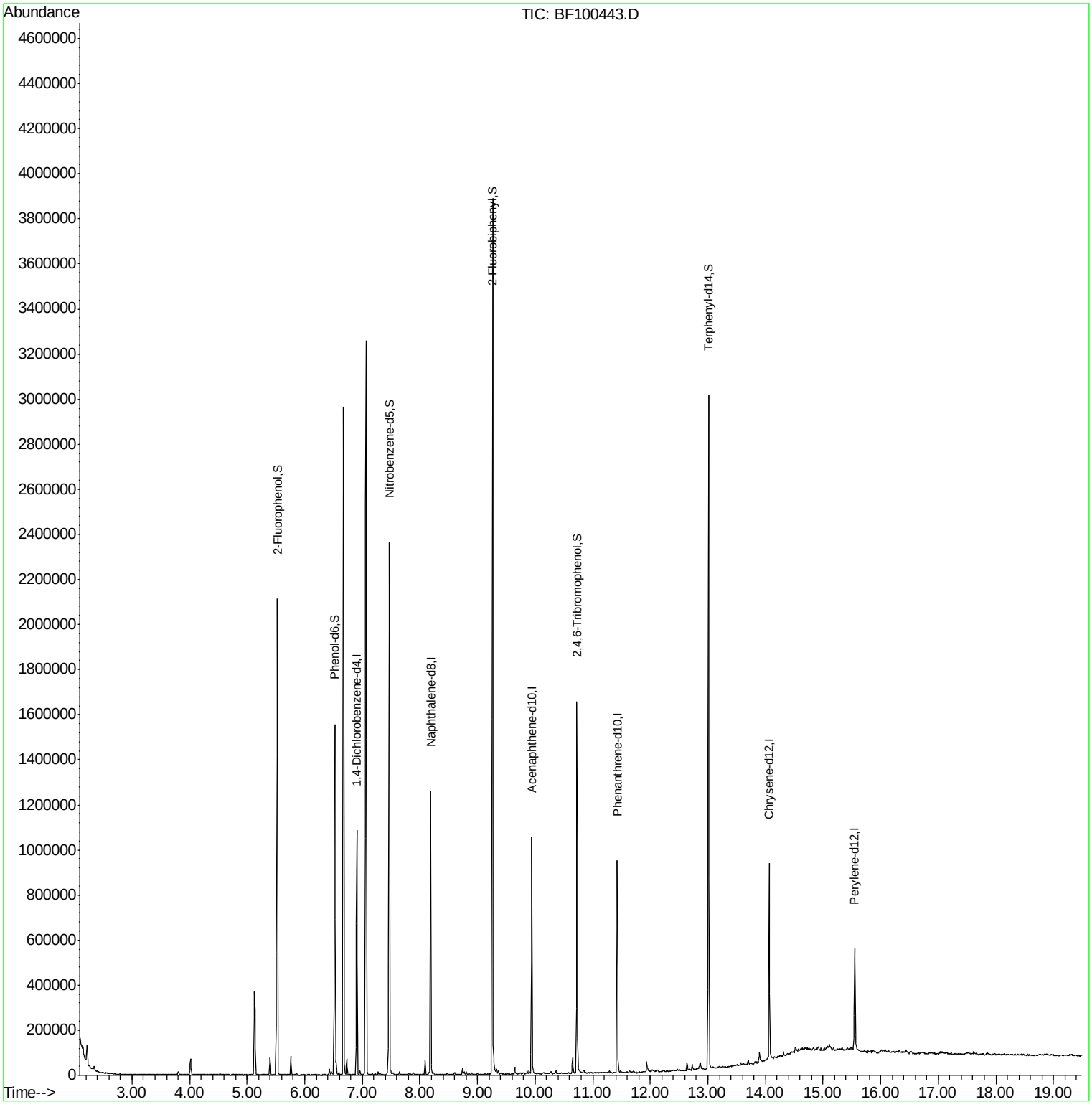
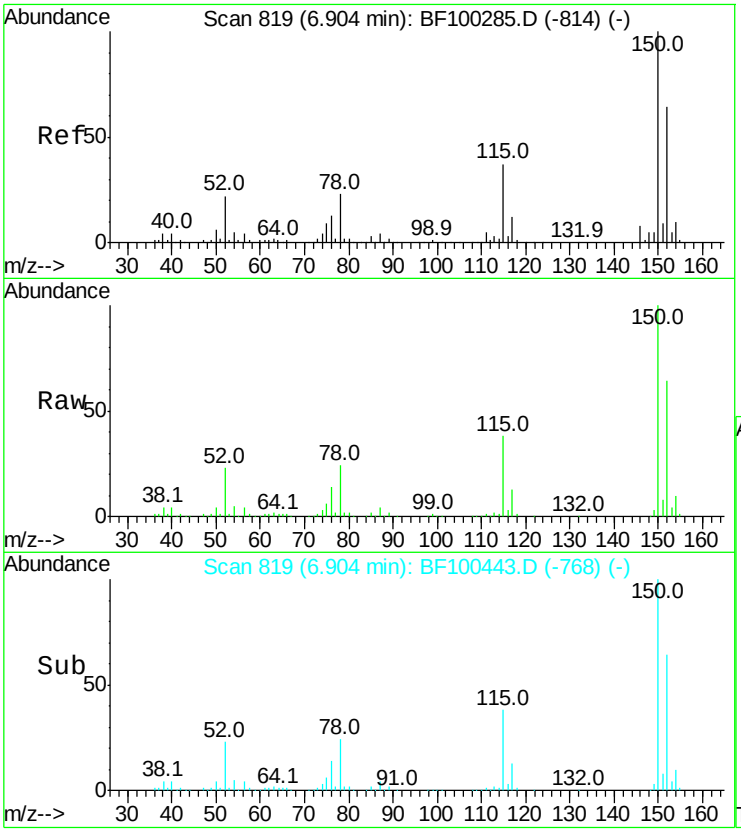


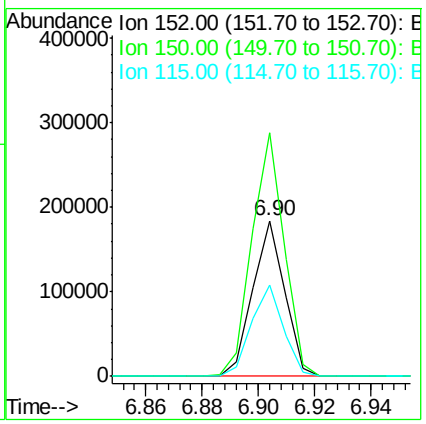


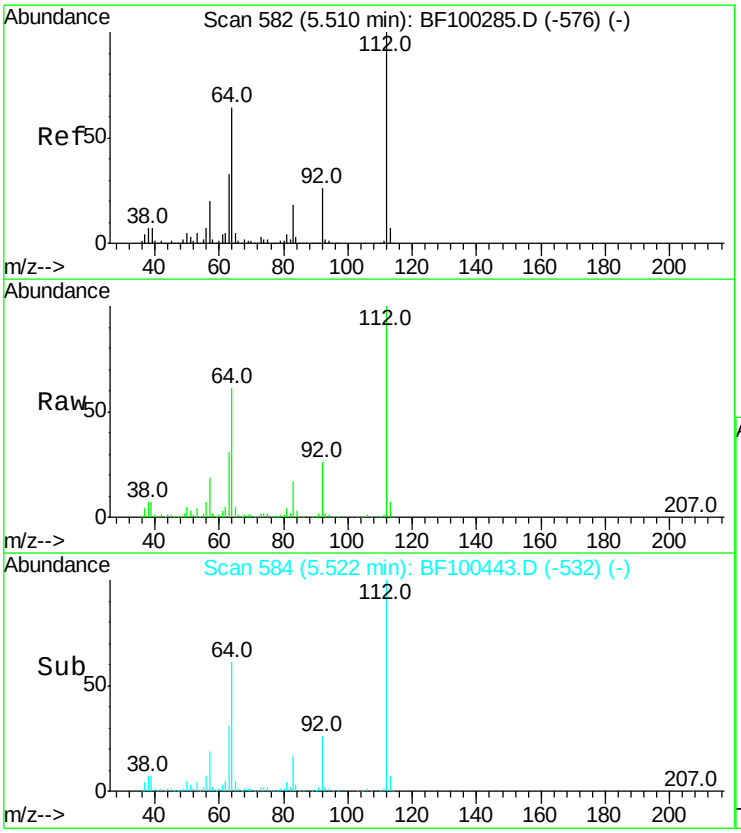
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion:152 Resp: 144637

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	58.9	50.1	75.1

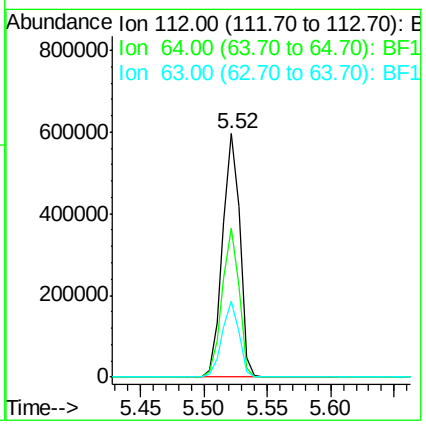


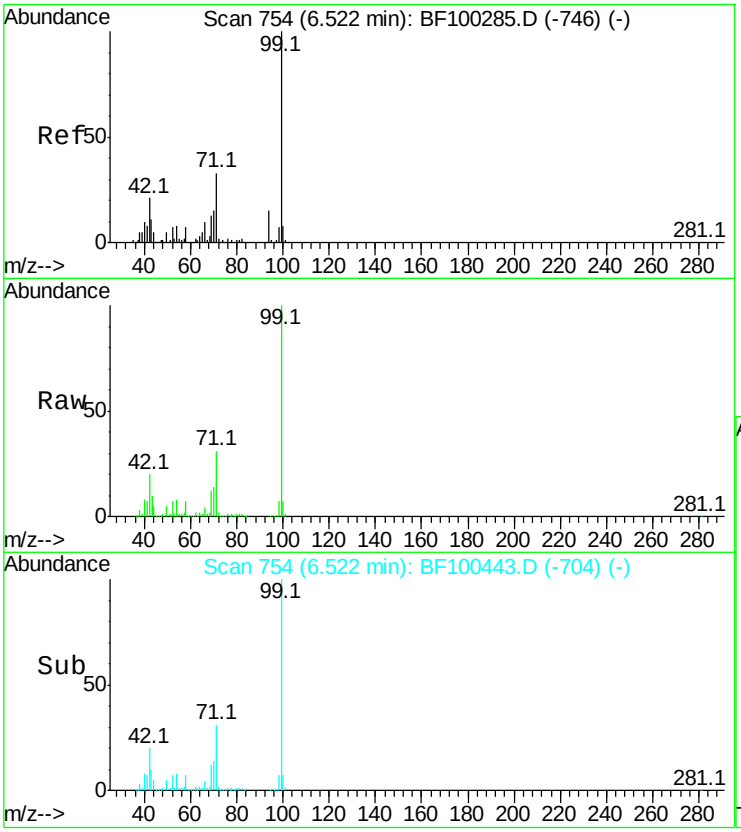


#5
2-Fluorophenol
Concen: 62.755 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:112 Resp: 566234

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.0	23.7	35.5



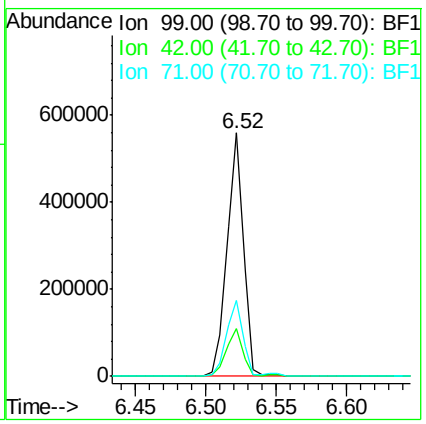


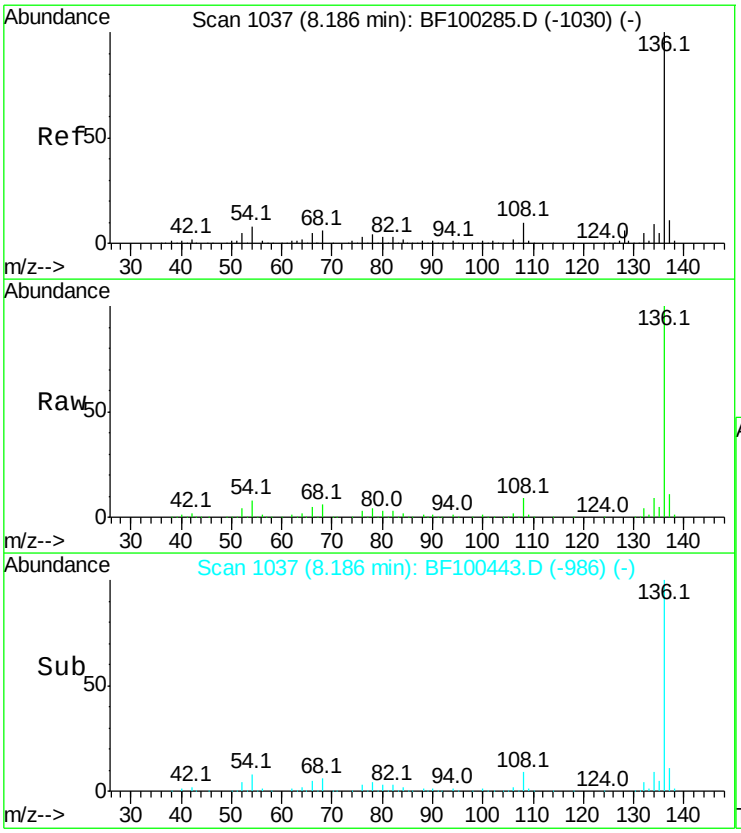
#7
Phenol-d6
Concen: 40.682 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion: 99 Resp: 452651

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	31.0	25.4	38.0

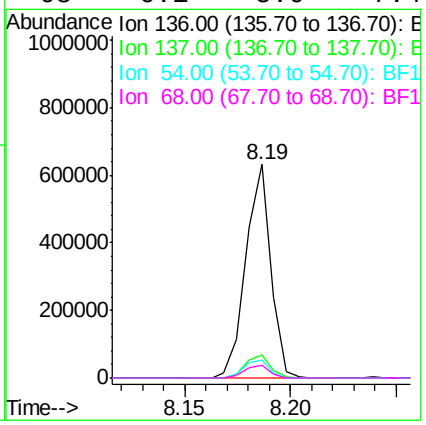


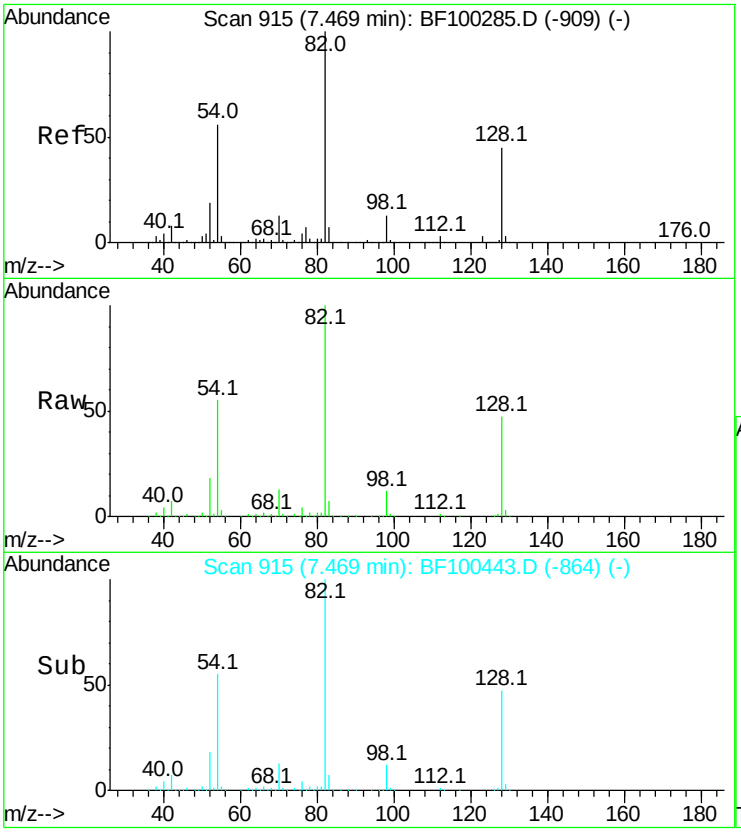


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:136 Resp: 520694

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	6.1	5.0	7.4



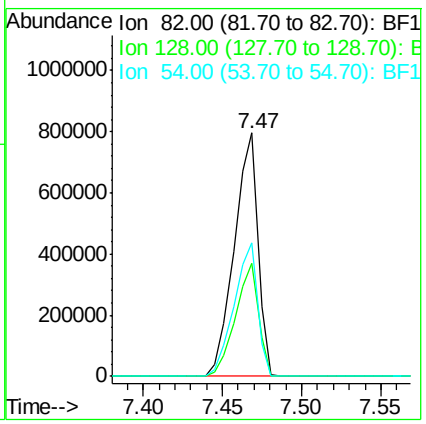


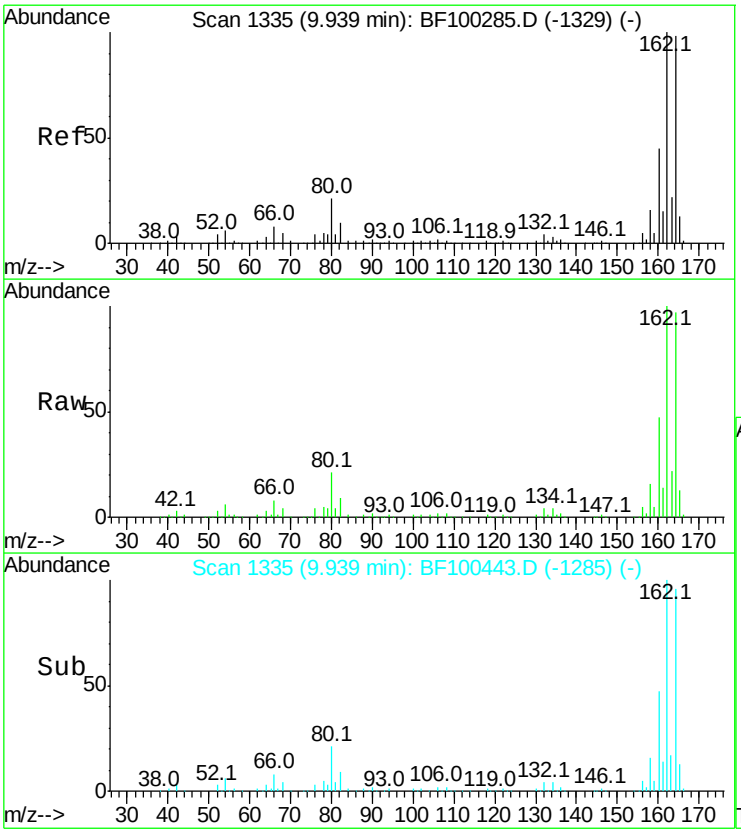
#23
Nitrobenzene-d5
Concen: 104.176 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion: 82 Resp: 820464

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	54.7	41.4	62.2

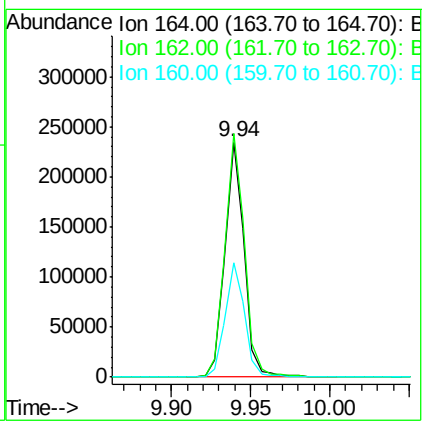


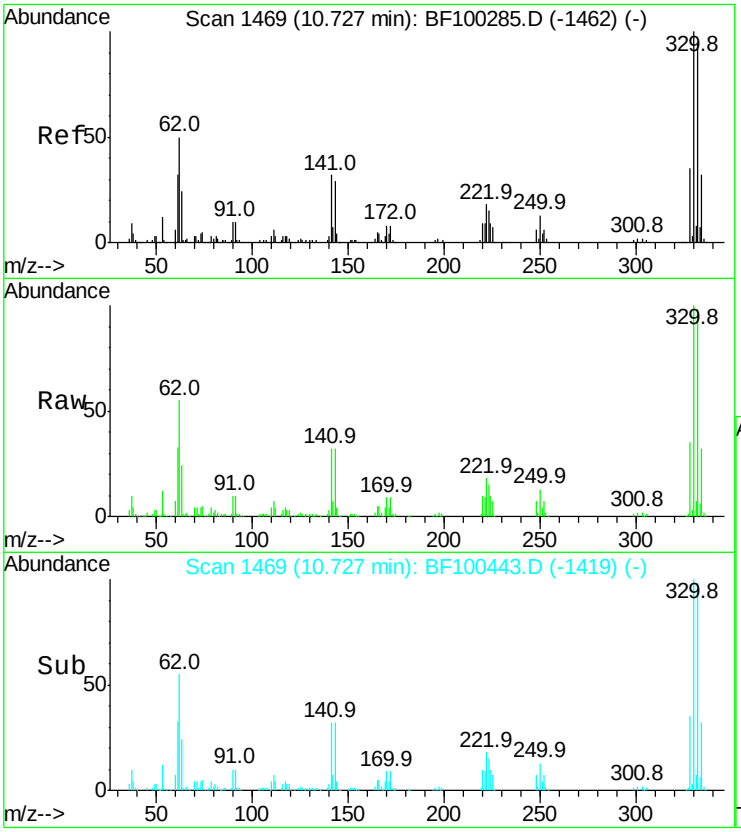


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:164 Resp: 196705

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	48.9	38.3	57.5



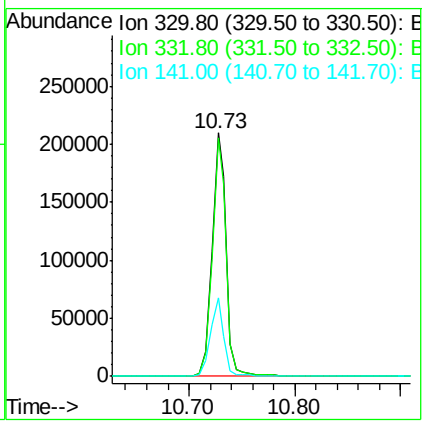


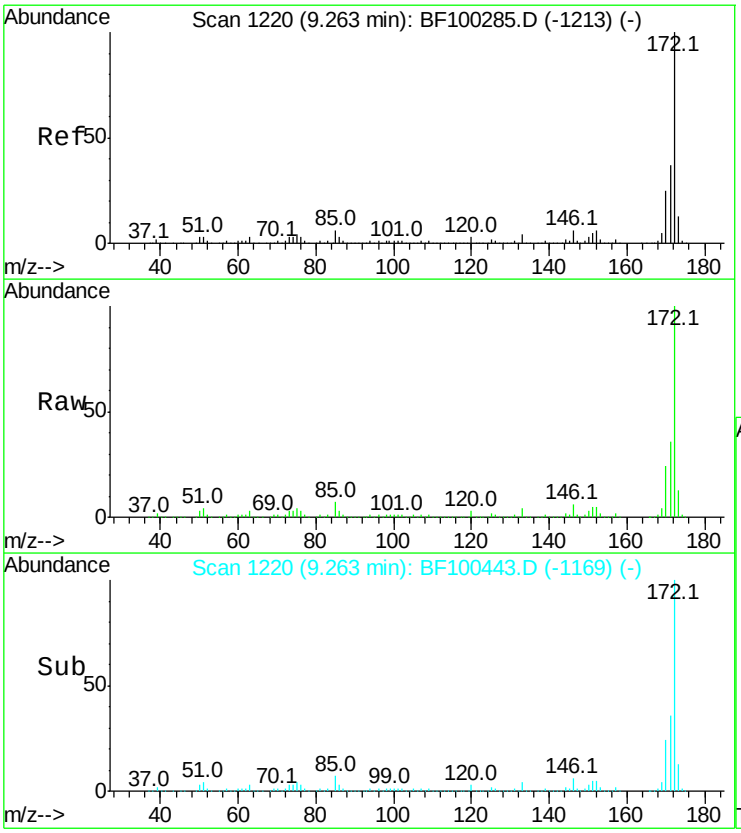
#41
2,4,6-Tribromophenol
Concen: 99.207 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion:330 Resp: 198852

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.5	29.9	44.9

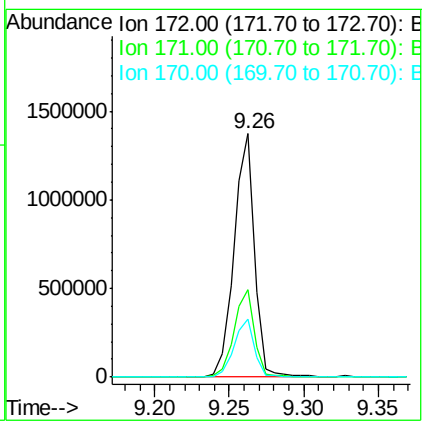


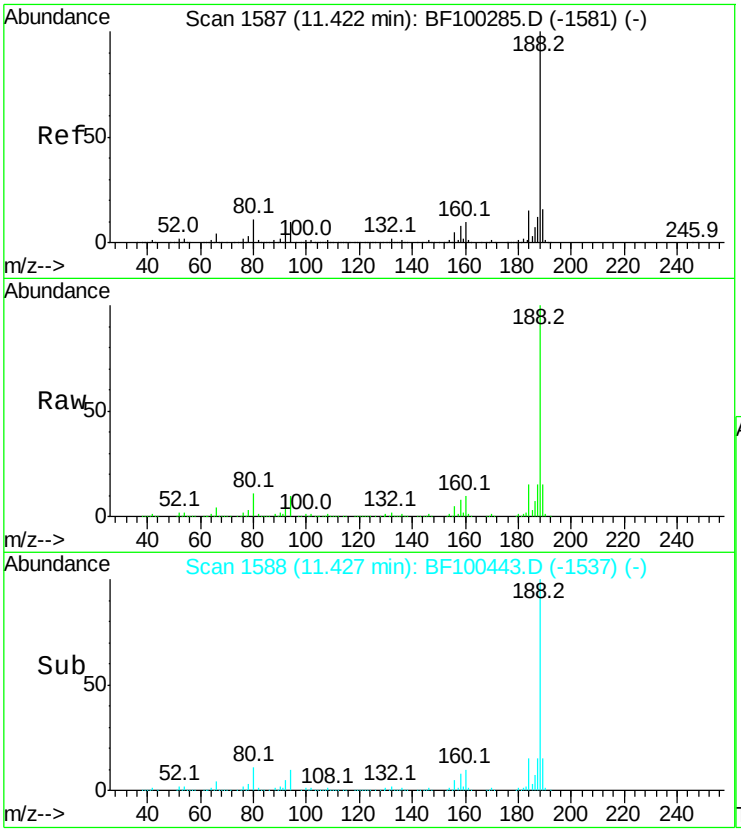


#44
2-Fluorobiphenyl
Concen: 102.846 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:172 Resp: 1328569

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



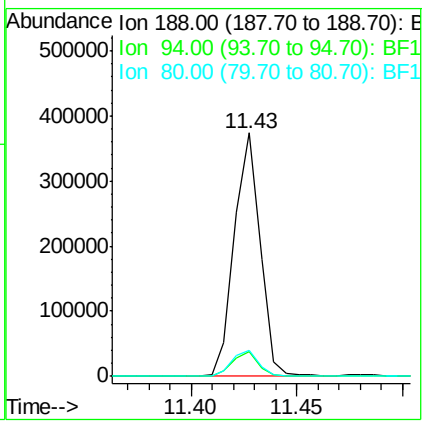


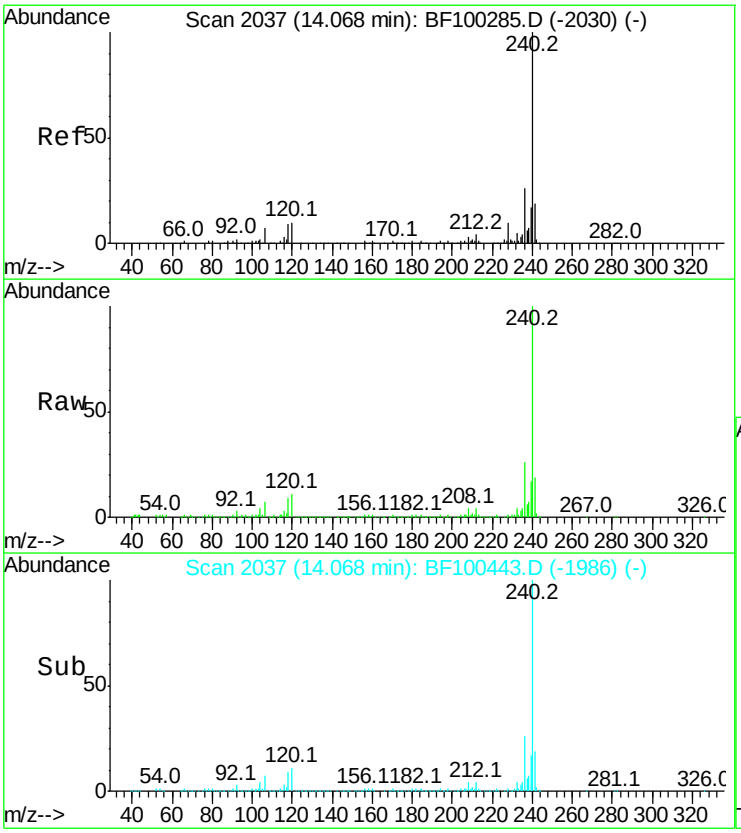
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion:188 Resp: 315887

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8

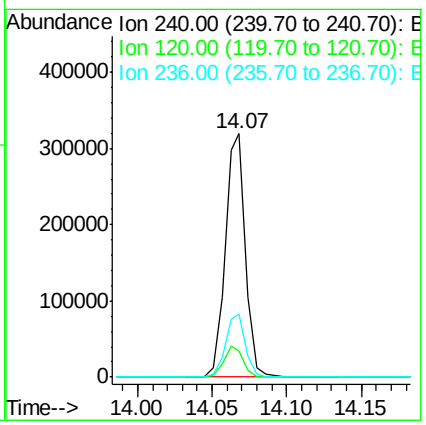


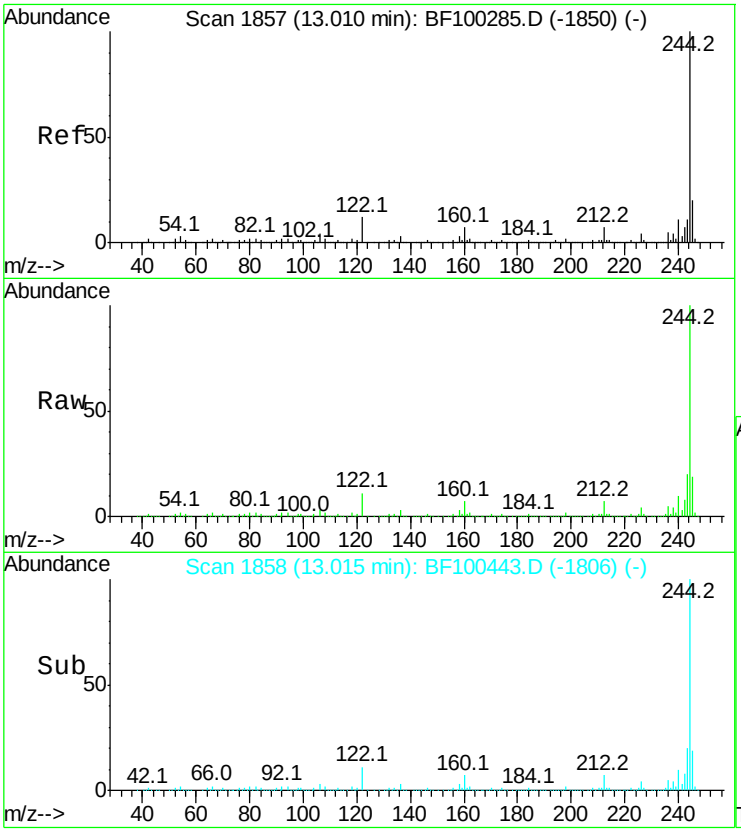


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:240 Resp: 305257

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.8	20.7	31.1



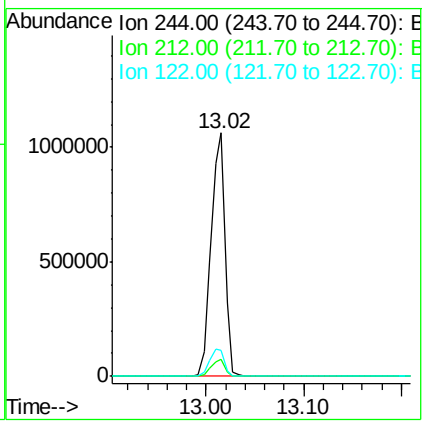


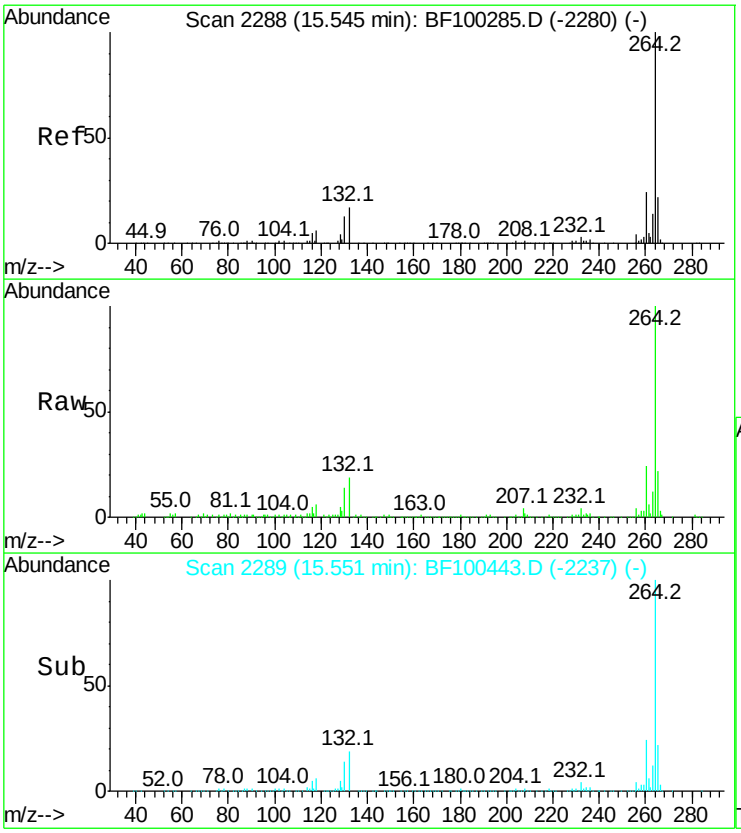
#78
Terphenyl-d14
Concen: 78.825 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

Tgt Ion:244 Resp: 1047214

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100443.D
Acq: 11 Nov 2017 16:23

Tgt Ion:264 Resp: 217320

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3