Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100952.D
Acq On : 29 Nov 2017 00:22
Operator : SJ/JU
Sample : PB104562BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104562BL

Quant Time: Nov 29 04:54:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	60456	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	223512	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92332	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	148233	20.00	ng	0.00
75) Chrysene-d12	14.02	240	142730	20.00	ng	0.00
86) Perylene-d12	15.49	264	118372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	292839	77.65	ng	0.00
7) Phenol-d6	6.49	99	340129	73.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	311322	92.09	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	67201	71.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	630745	104.02	ng	0.00
78) Terphenyl-d14	12.97	244	458238	73.77	ng	0.00
Target Compounds						Qvalue

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

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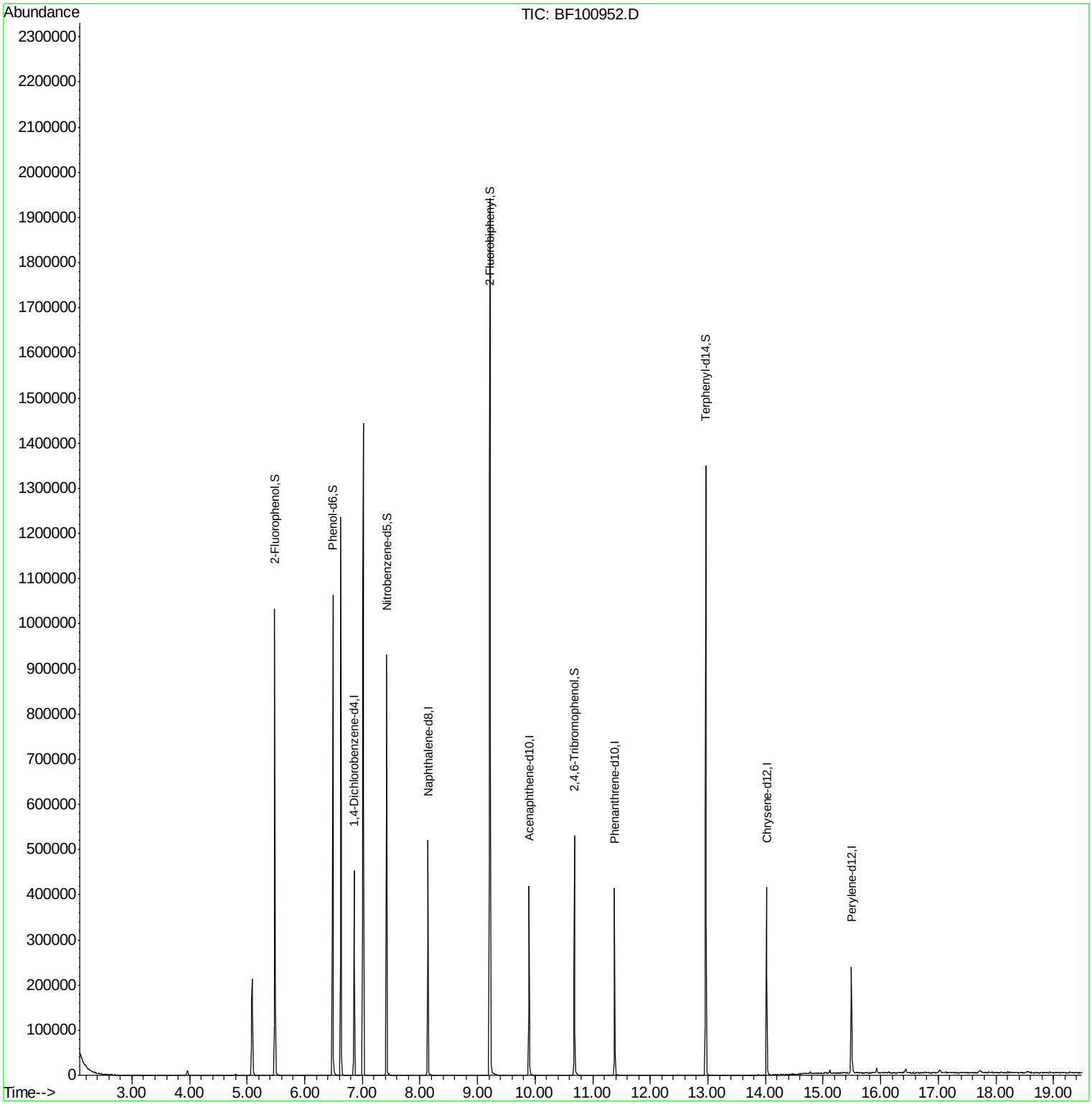
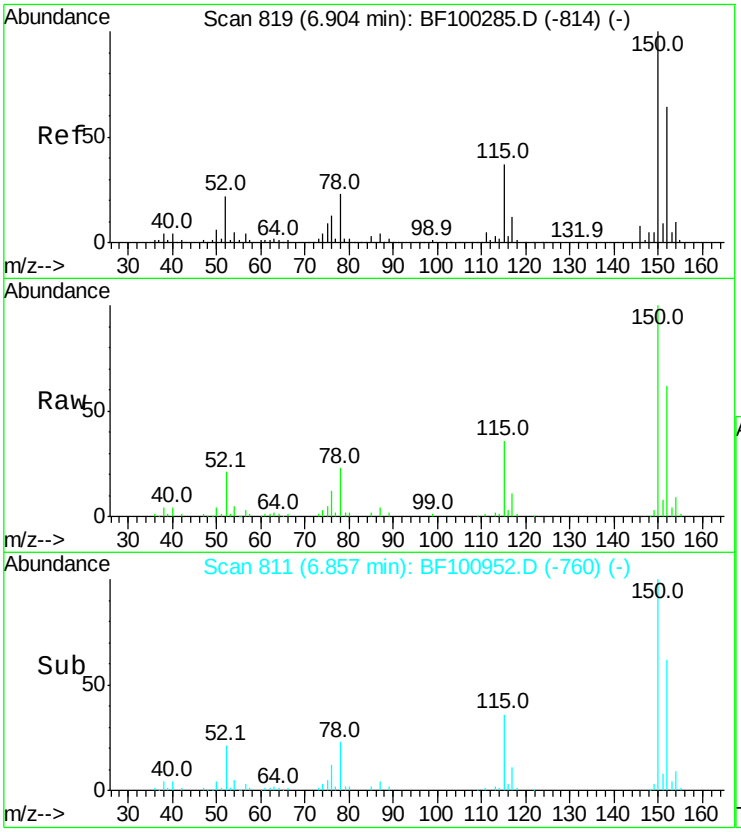
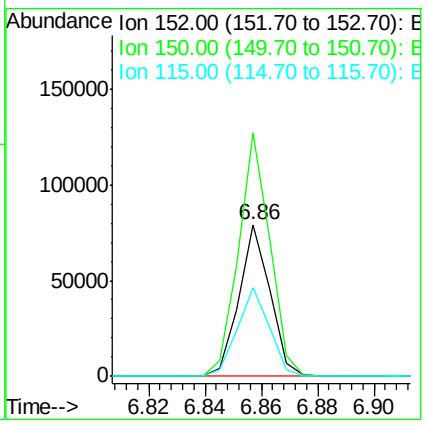




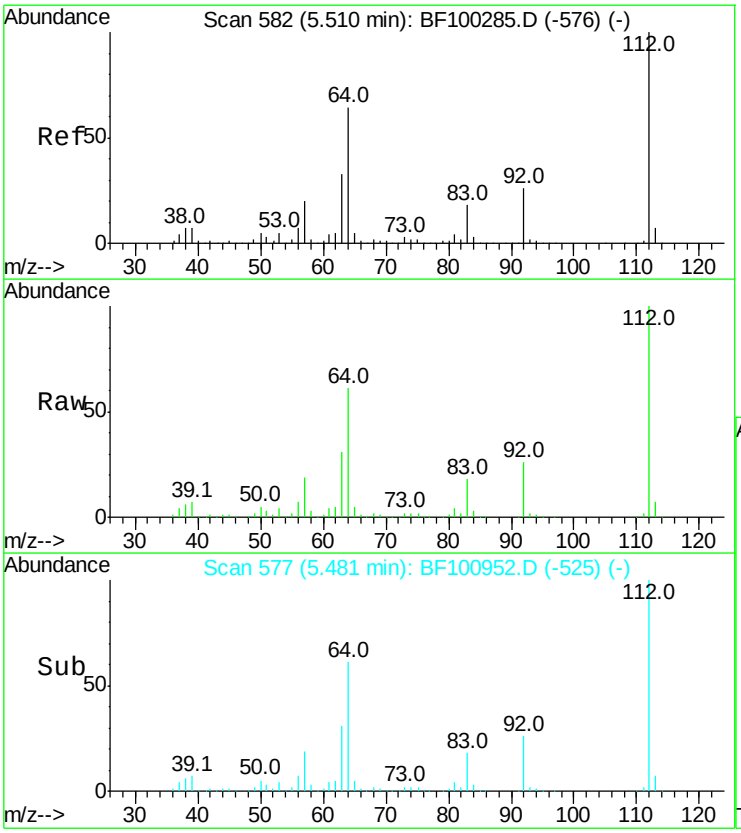
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:152 Resp: 60456

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	58.5	50.1	75.1



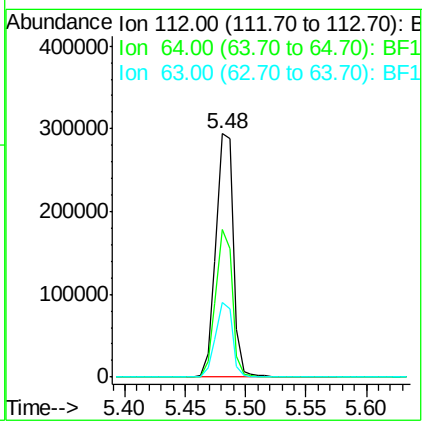
Instrument :
BNA_F
ClientSampleId :
PB104562BL

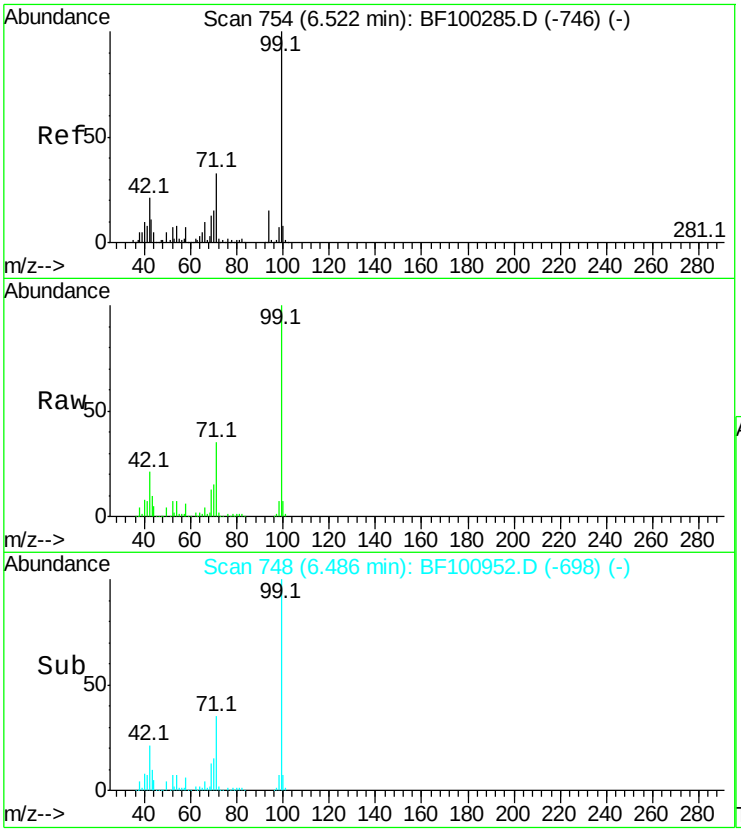


#5
2-Fluorophenol
Concen: 77.646 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:112 Resp: 292839

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.6	23.7	35.5



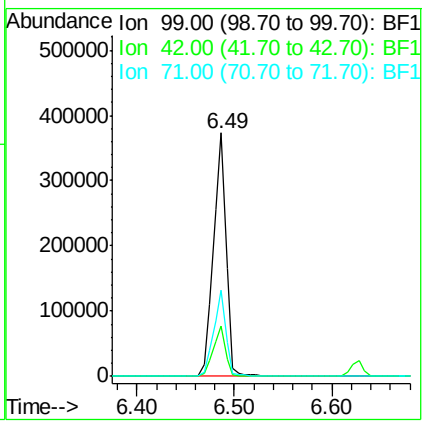


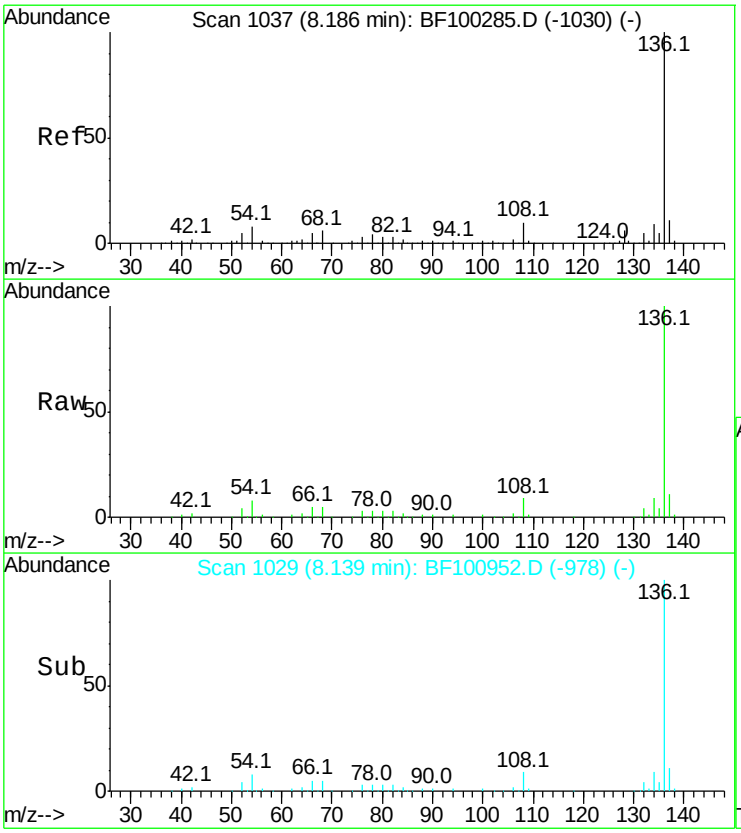
#7
Phenol-d6
Concen: 73.135 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :
PB104562BL

Tgt Ion: 99 Resp: 340129

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.3	25.4	38.0

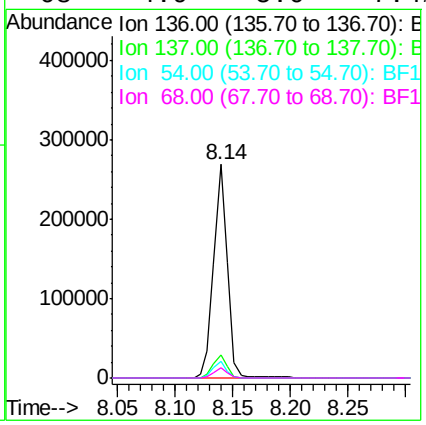


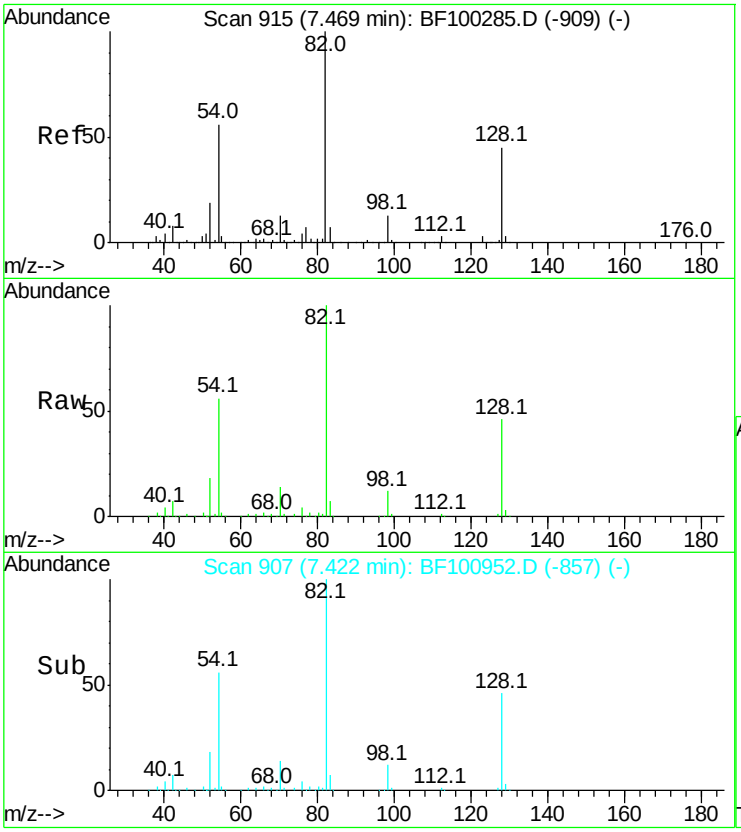


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:136 Resp: 223512

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	4.9	5.0	7.4#



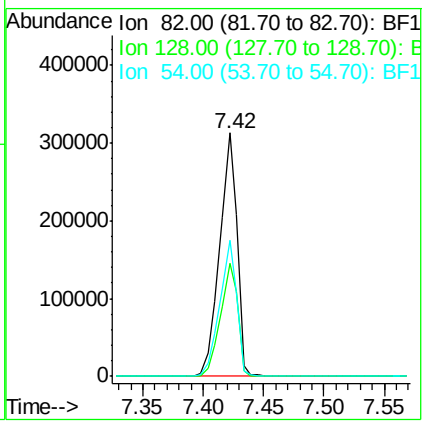


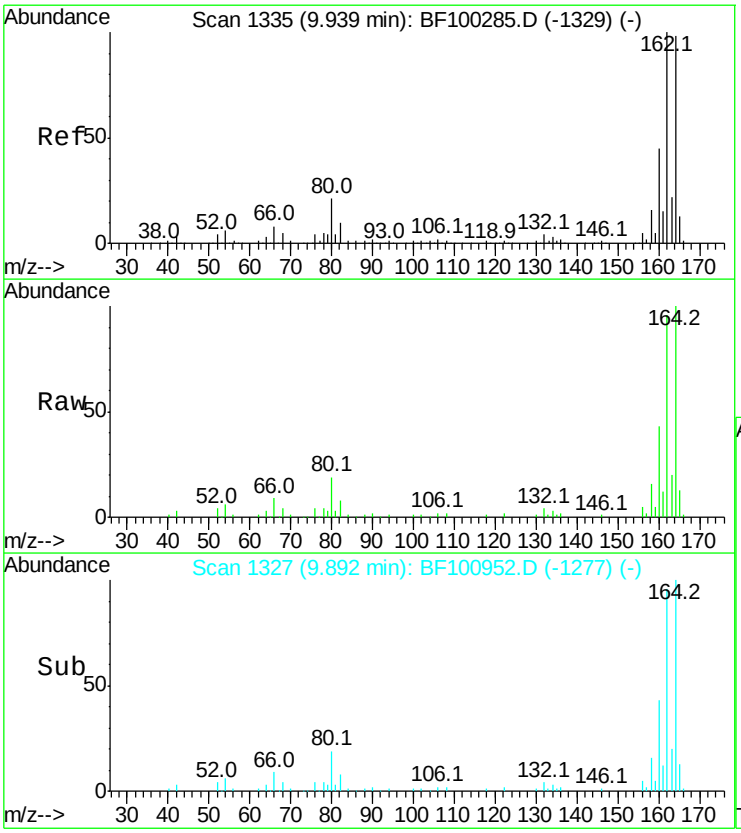
#23
Nitrobenzene-d5
Concen: 92.087 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :
PB104562BL

Tgt Ion: 82 Resp: 311322

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	55.7	41.4	62.2

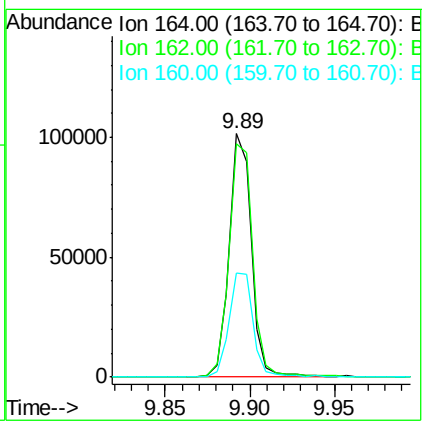


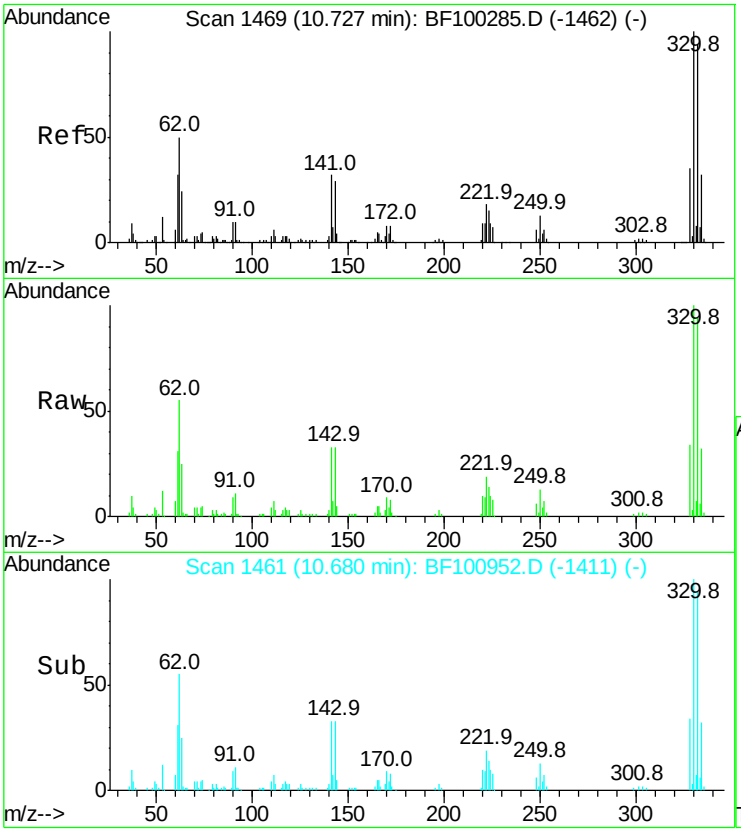


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:164 Resp: 92332

Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	42.8	38.3	57.5



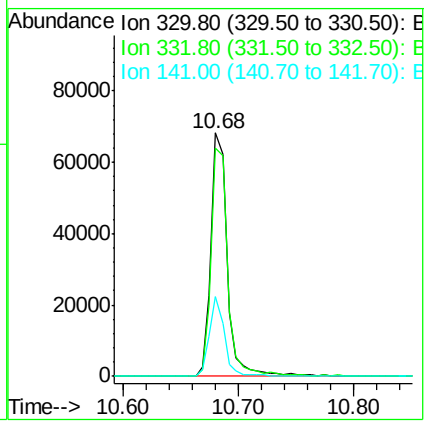


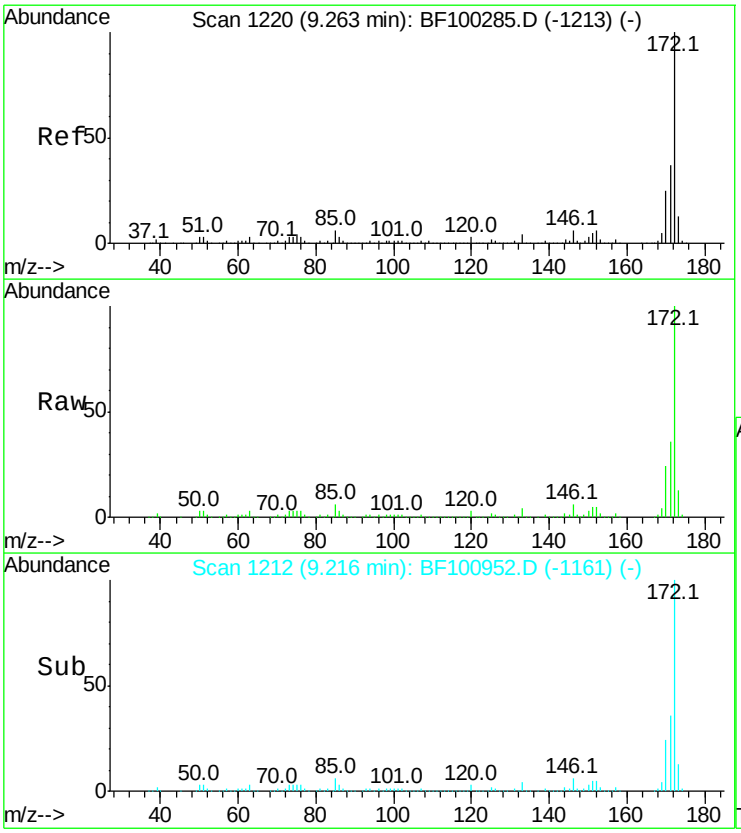
#41
2,4,6-Tribromophenol
Concen: 71.425 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :
PB104562BL

Tgt Ion:330 Resp: 67201

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.0	29.9	44.9

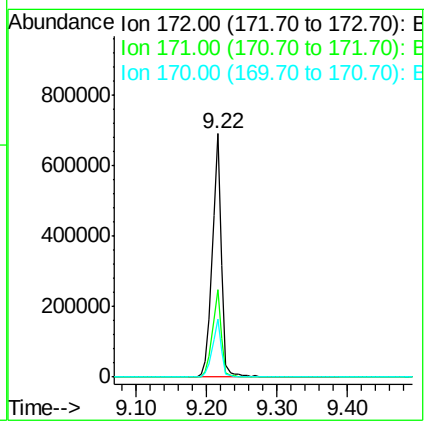


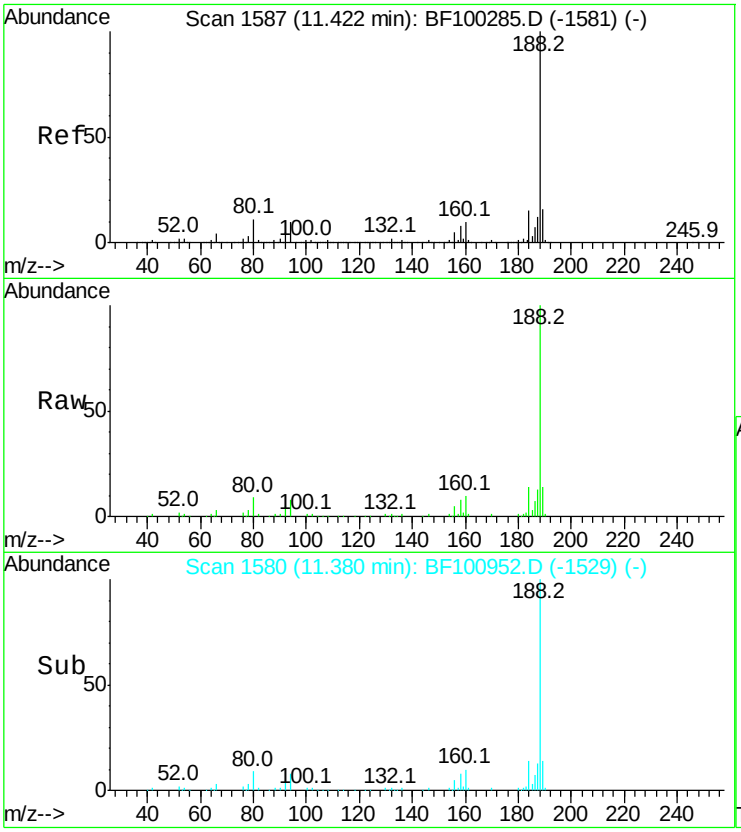


#44
2-Fluorobiphenyl
Concen: 104.021 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:172 Resp: 630745

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4



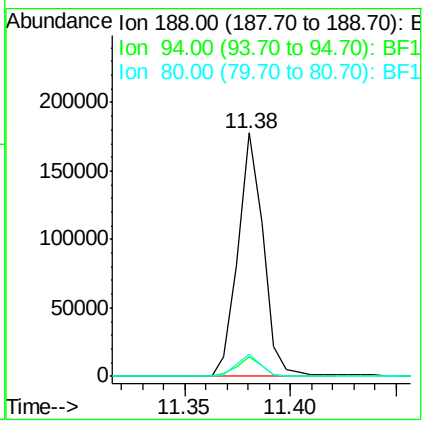


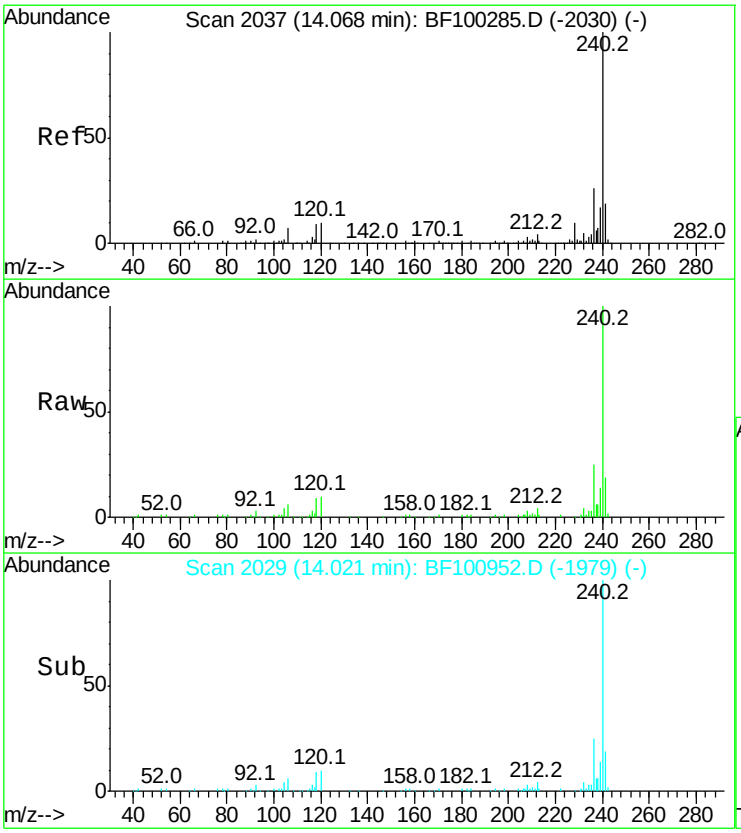
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :
PB104562BL

Tgt Ion:188 Resp: 148233

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.9	9.2	13.8#

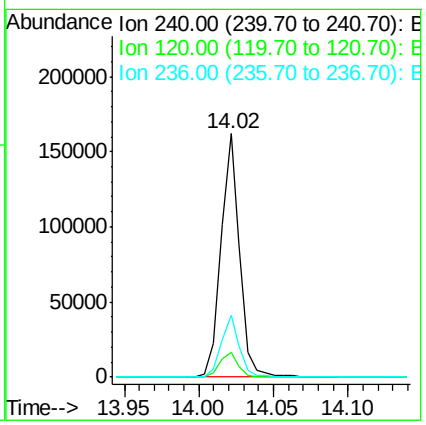


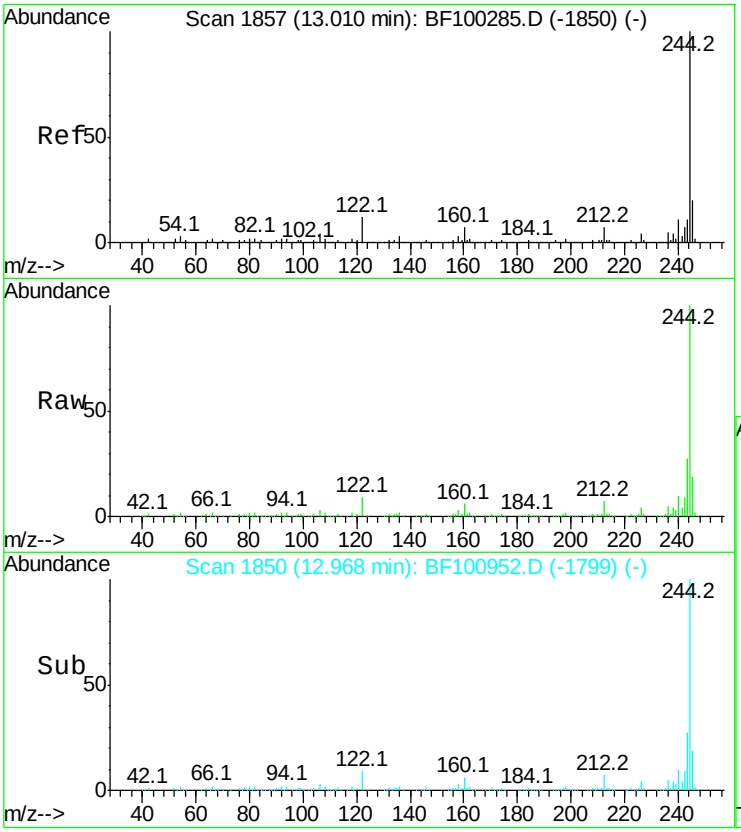


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:240 Resp: 142730

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.2	20.7	31.1



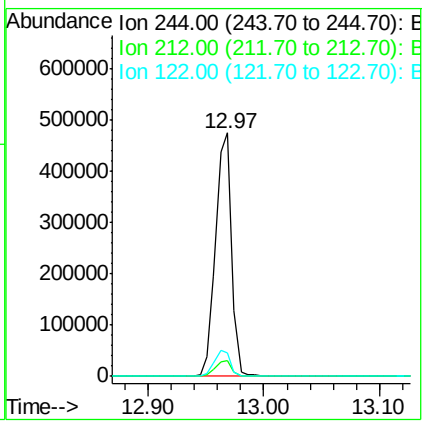


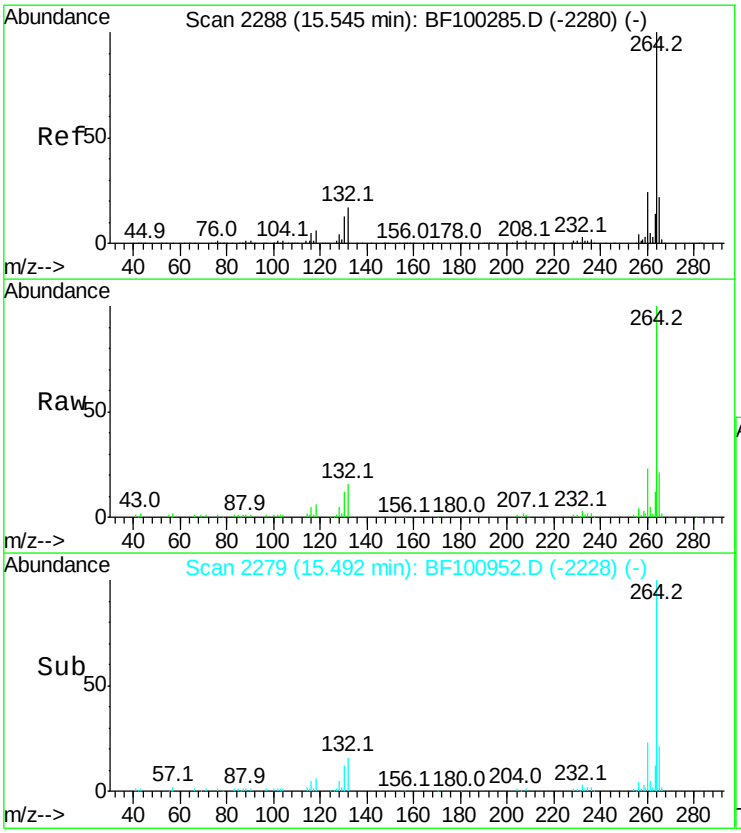
#78
Terphenyl-d14
Concen: 73.768 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :
PB104562BL

Tgt Ion:244 Resp: 458238

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:264 Resp: 118372

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.6	17.5	26.3