Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100583.D
Acq On : 15 Nov 2017 13:02
Operator : SJ/JU
Sample : I6307-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-B

Quant Time: Nov 15 15:29:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	126970	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	485752	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	213434	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	331455	20.00	ng	0.00
75) Chrysene-d12	14.04	240	253589	20.00	ng	-0.01
86) Perylene-d12	15.52	264	273759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	62236	7.86	ng	-0.01
7) Phenol-d6	6.49	99	76714	7.85	ng	-0.02
23) Nitrobenzene-d5	7.44	82	43300	5.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	15410	7.09	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	92172	6.58	ng	-0.01
78) Terphenyl-d14	12.99	244	54327	4.92	ng	0.00

Target Compounds	Qvalue

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

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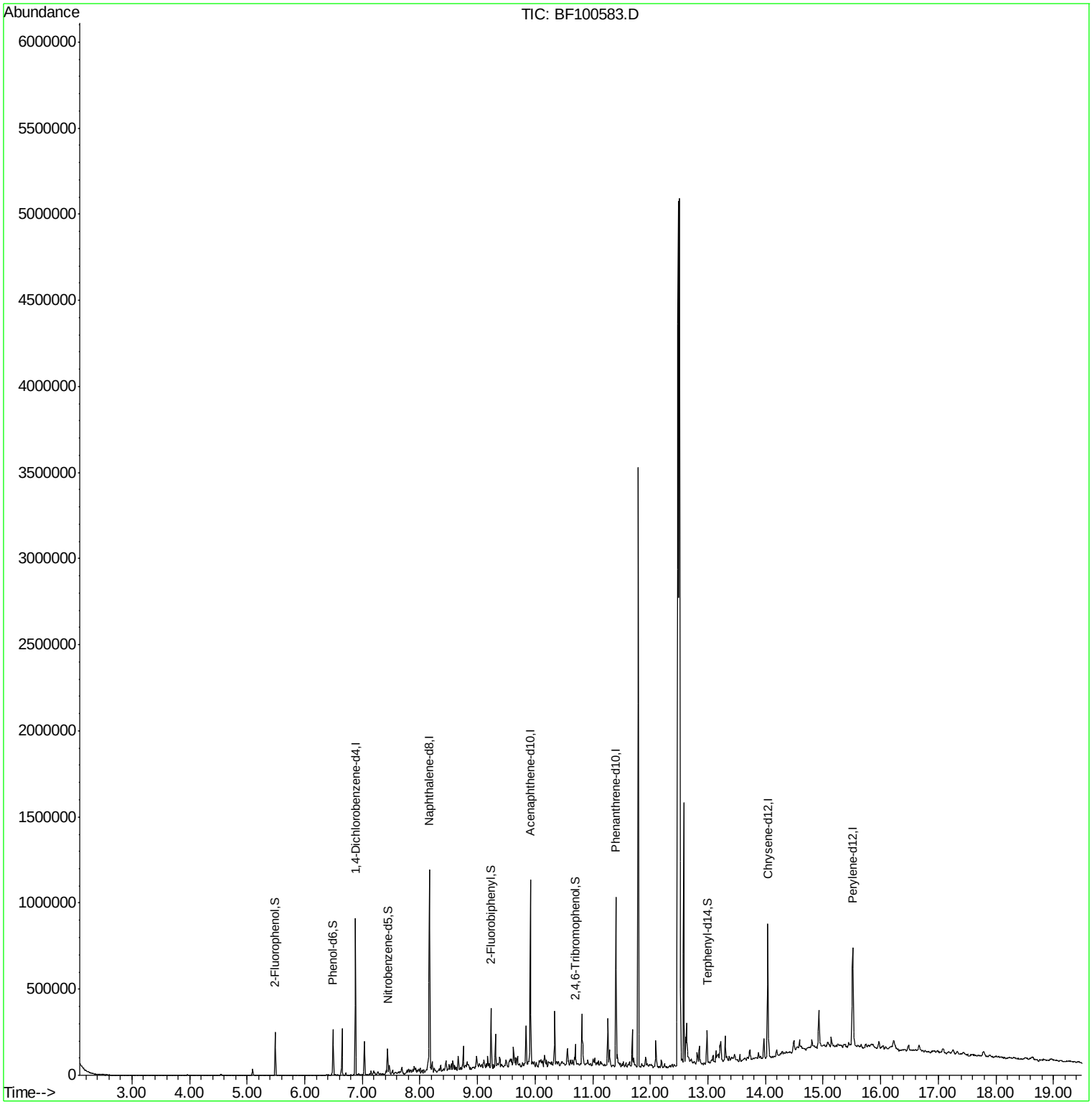
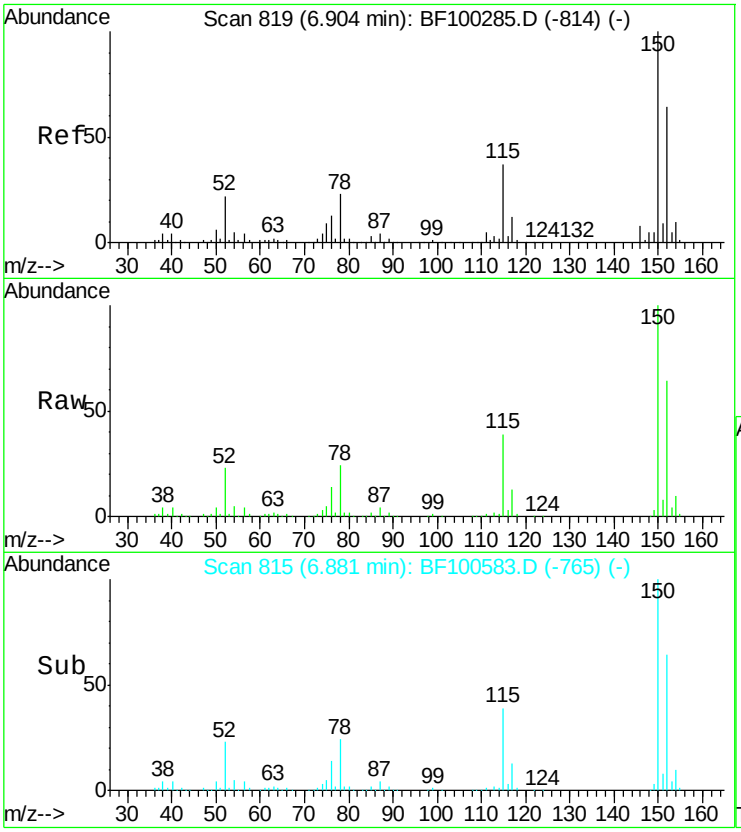


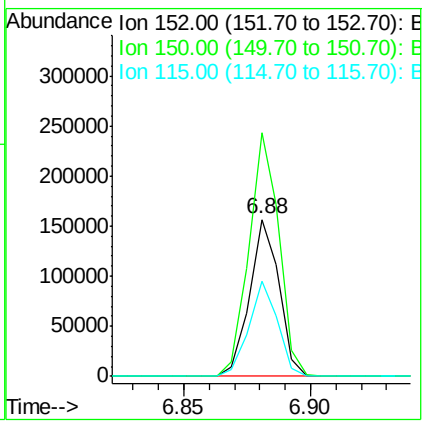


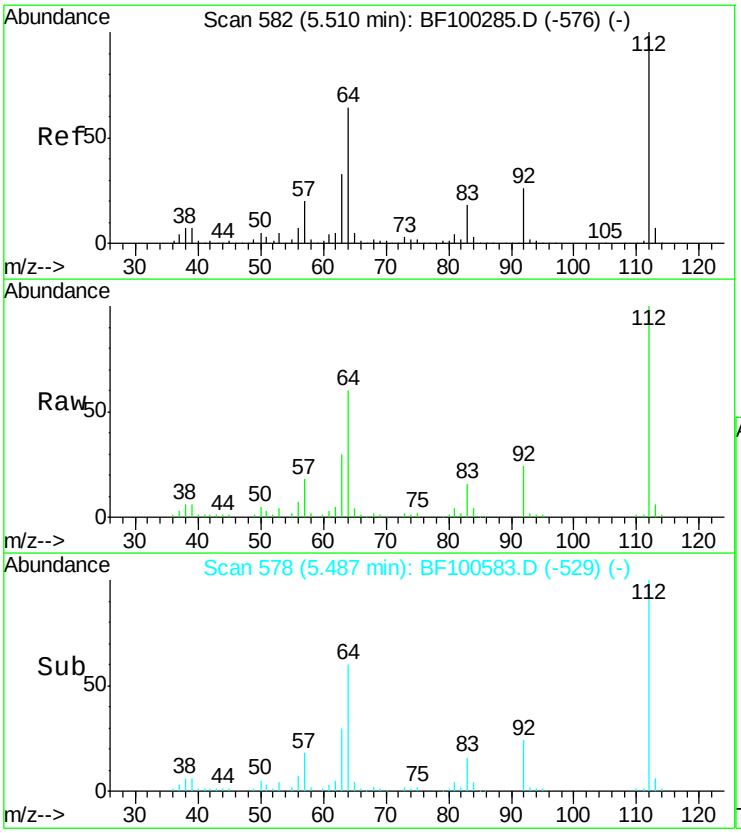
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tgt Ion:152 Resp: 126970

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.4	50.1	75.1

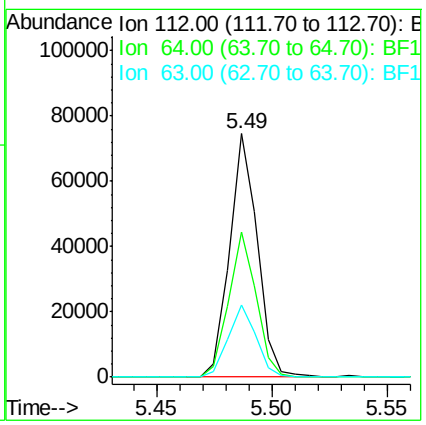


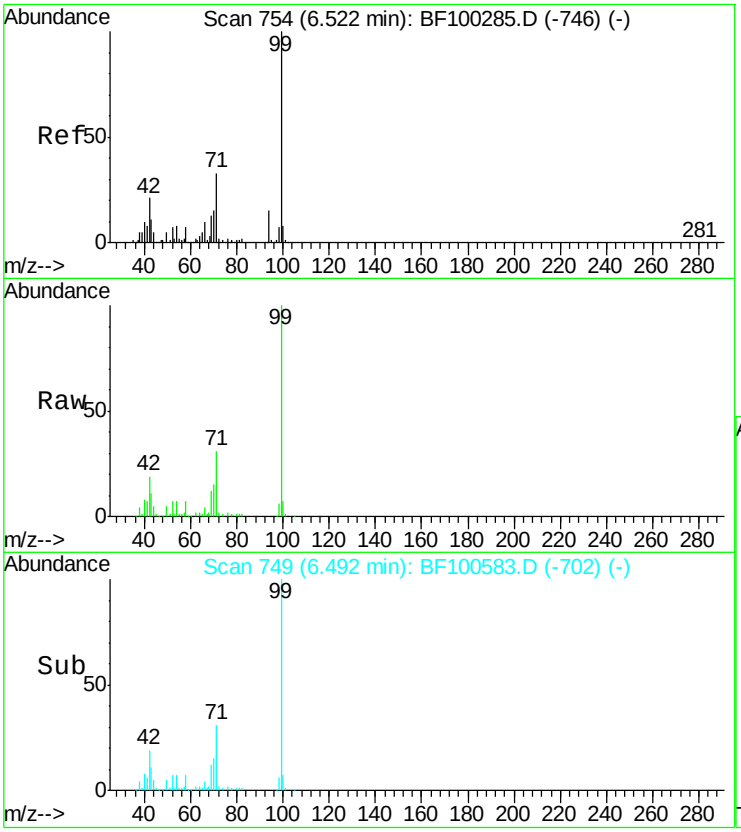


#5
2-Fluorophenol
Concen: 7.857 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Tgt Ion:112 Resp: 62236

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.5	23.7	35.5



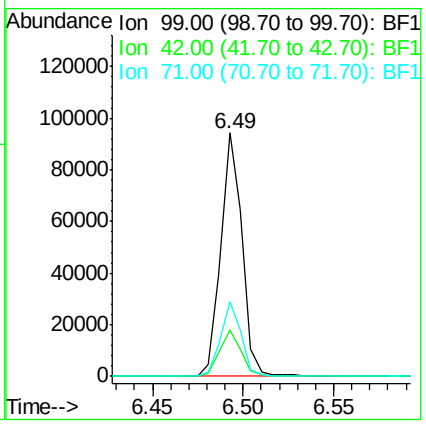


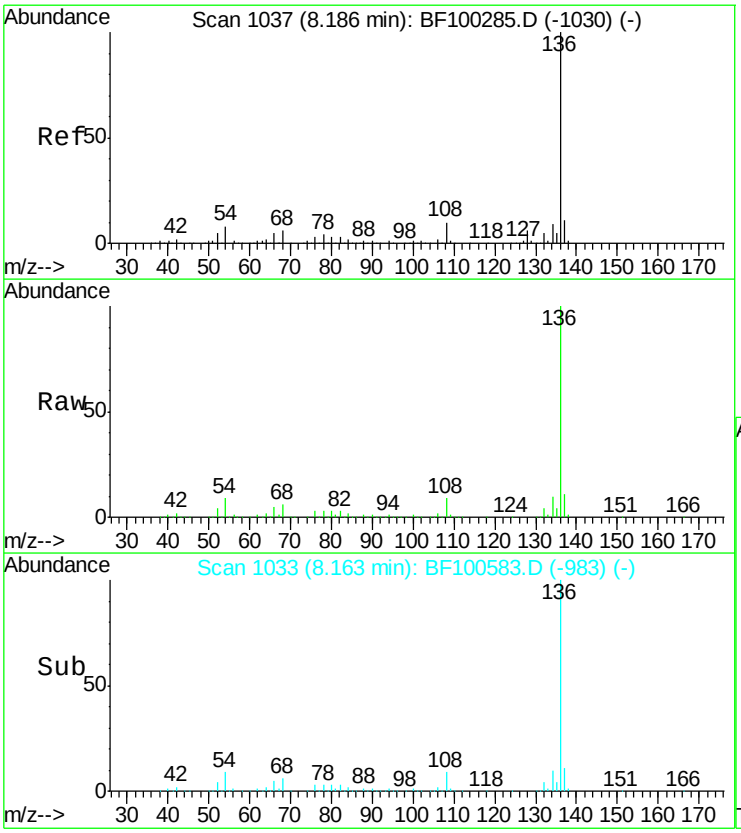
#7
Phenol-d6
Concen: 7.854 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tgt Ion: 99 Resp: 76714

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	30.8	25.4	38.0

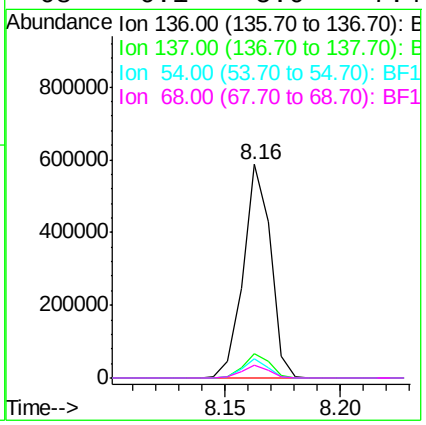


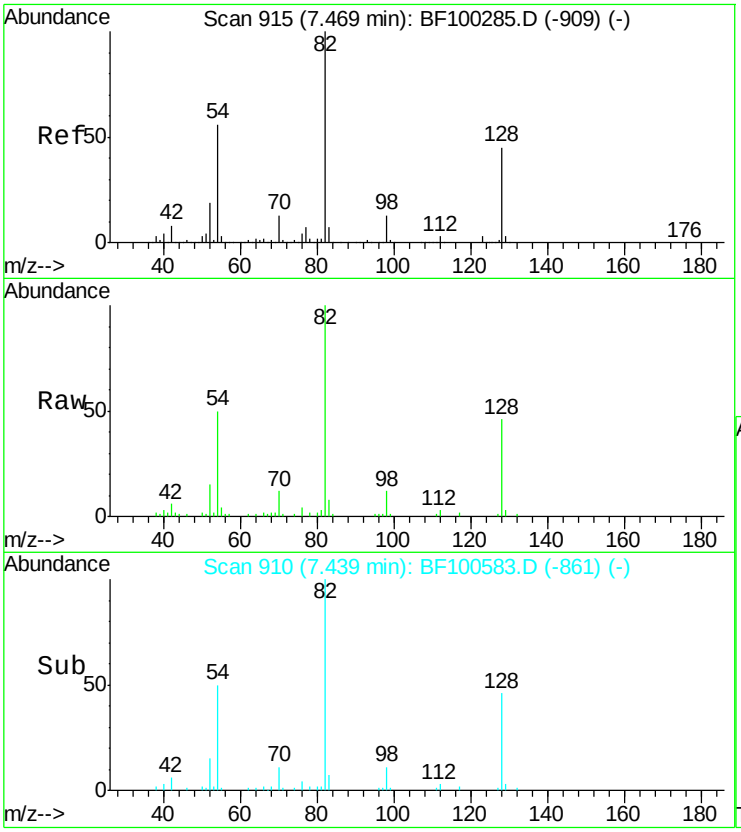


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Tgt Ion:136 Resp: 485752

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	6.6	9.8
68	6.1	5.0	7.4



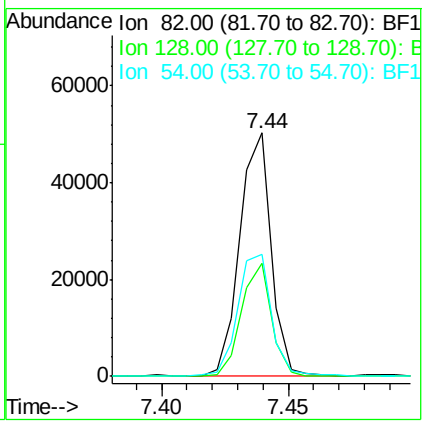


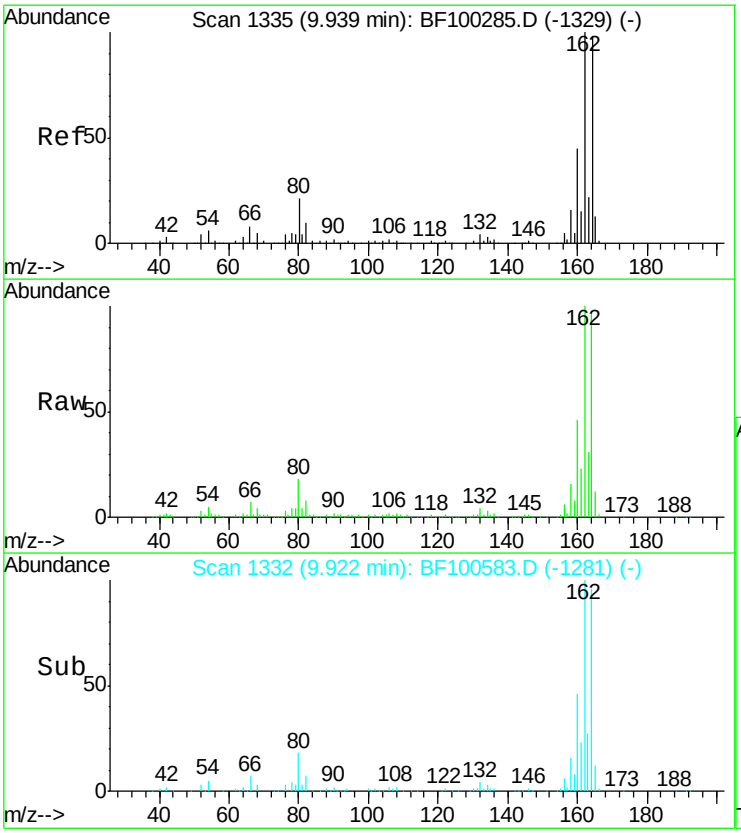
#23
Nitrobenzene-d5
Concen: 5.893 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tgt Ion: 82 Resp: 43300

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	50.3	41.4	62.2

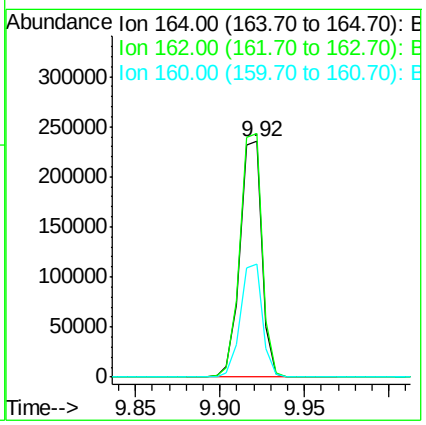


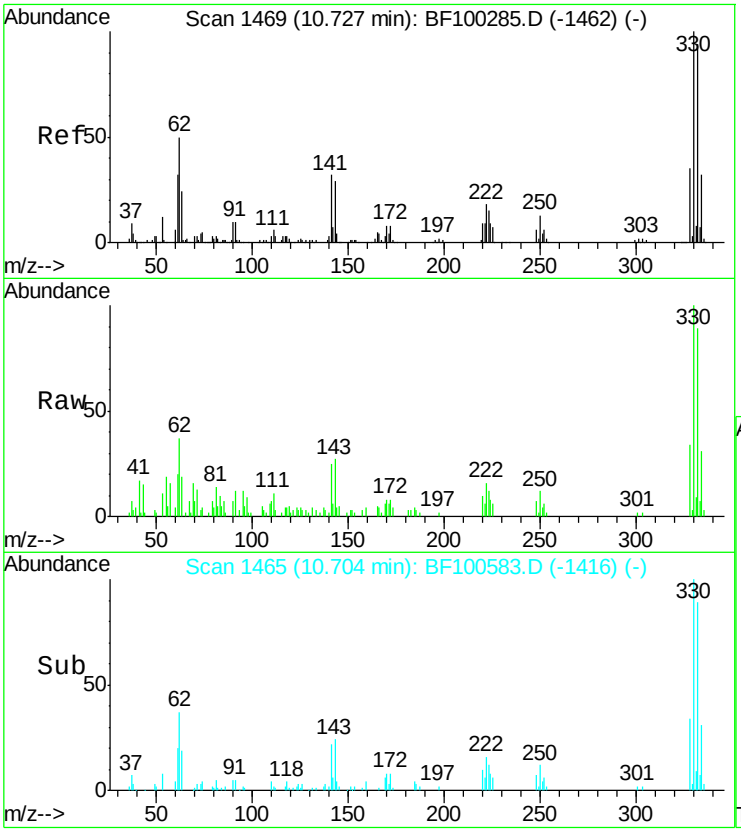


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Tgt Ion:164 Resp: 213434

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.9	38.3	57.5



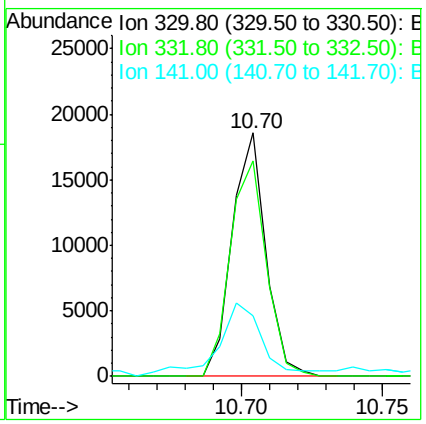


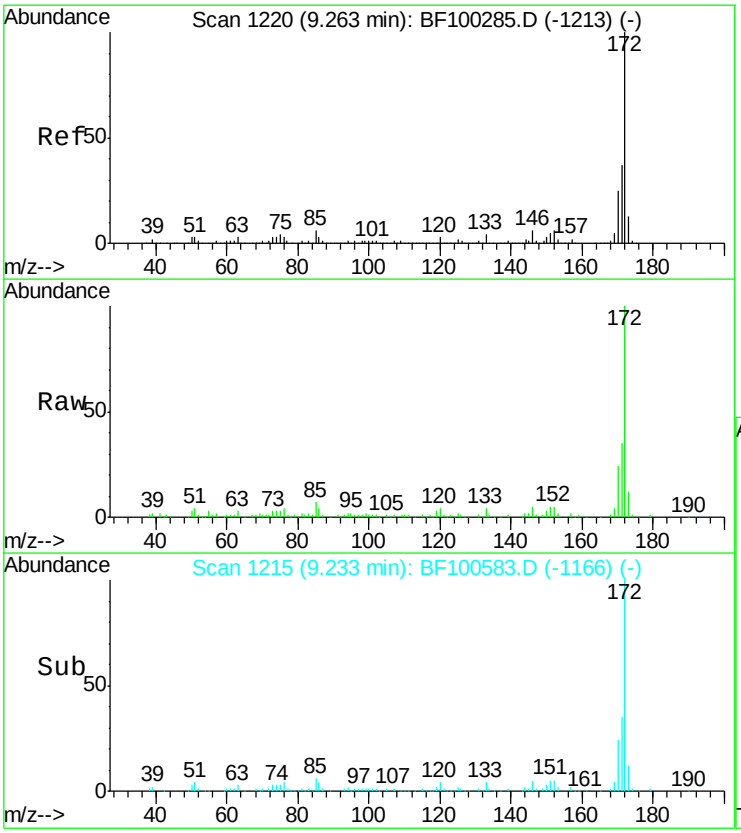
#41
2,4,6-Tribromophenol
Concen: 7.085 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tgt Ion:330 Resp: 15410

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	39.4	29.9	44.9

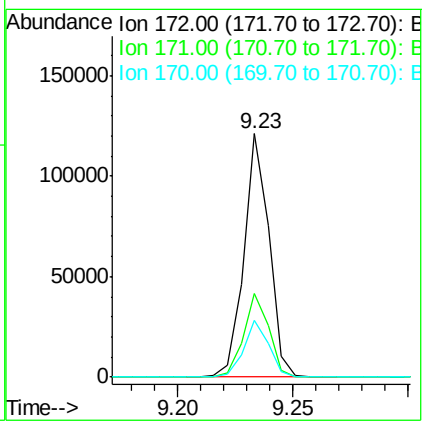


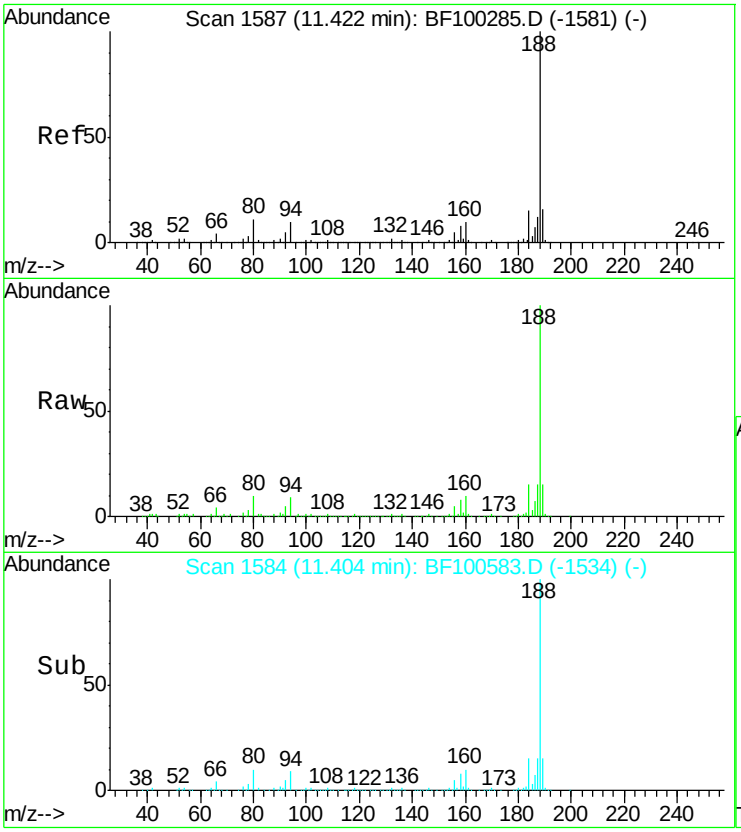


#44
2-Fluorobiphenyl
Concen: 6.576 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Tgt Ion:172 Resp: 92172

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.5	19.6	29.4



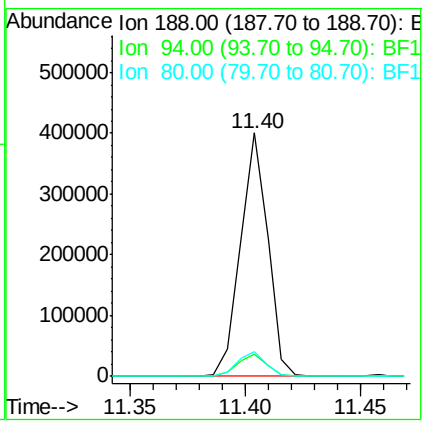


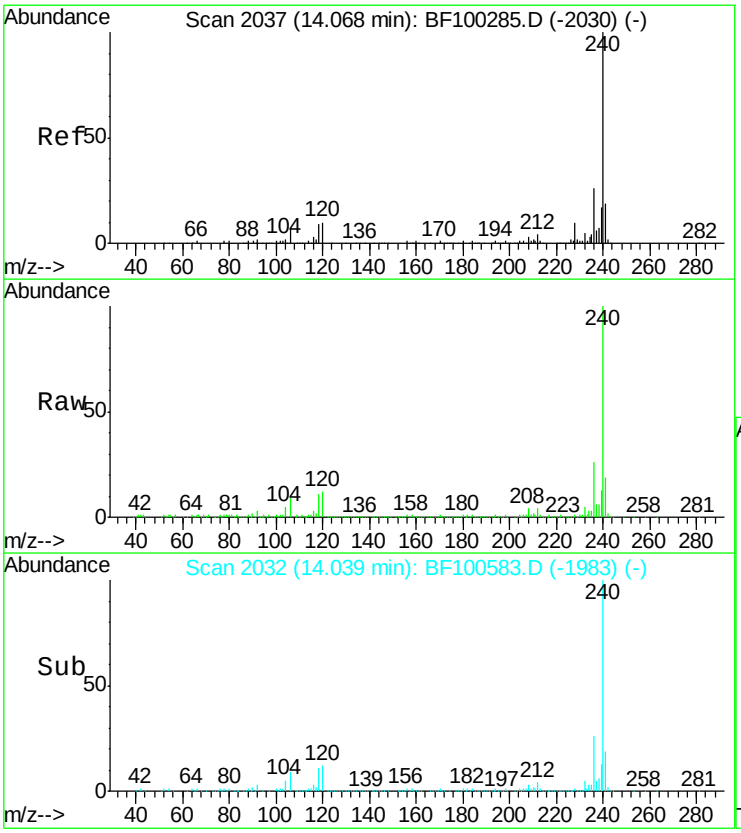
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tgt Ion:188 Resp: 331455

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

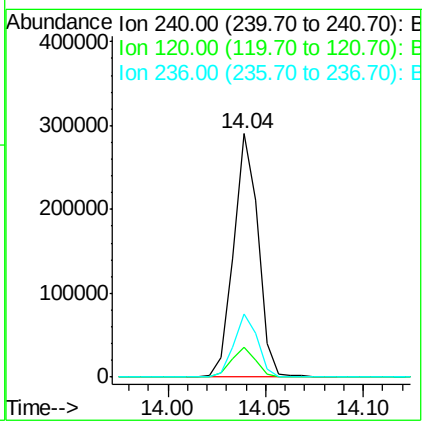


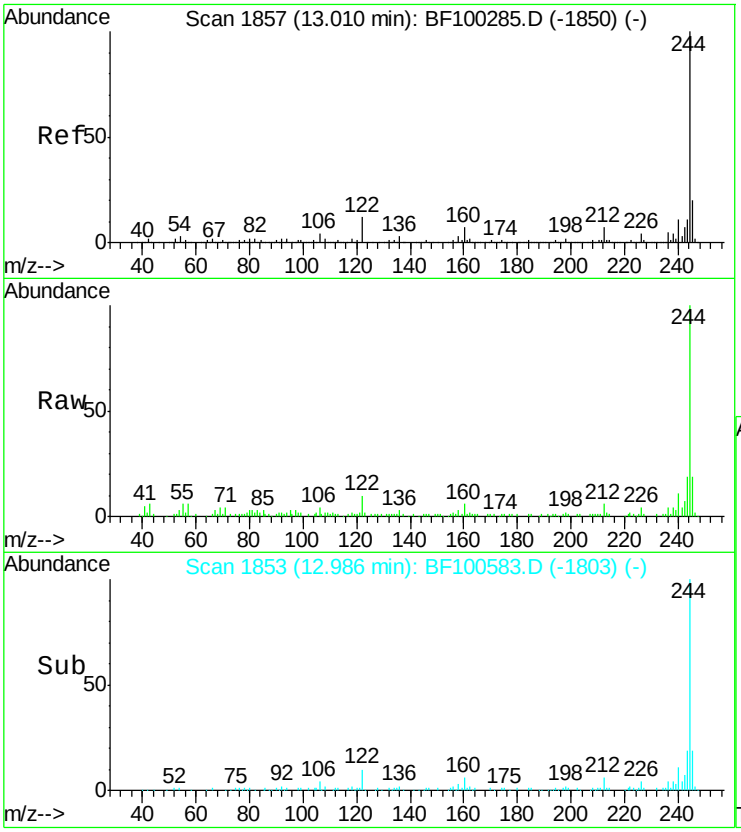


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Tgt Ion:240 Resp: 253589

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.8	20.7	31.1



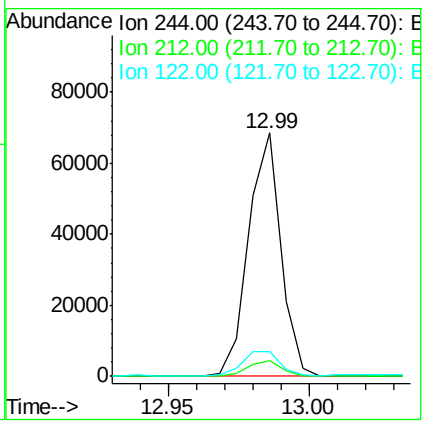


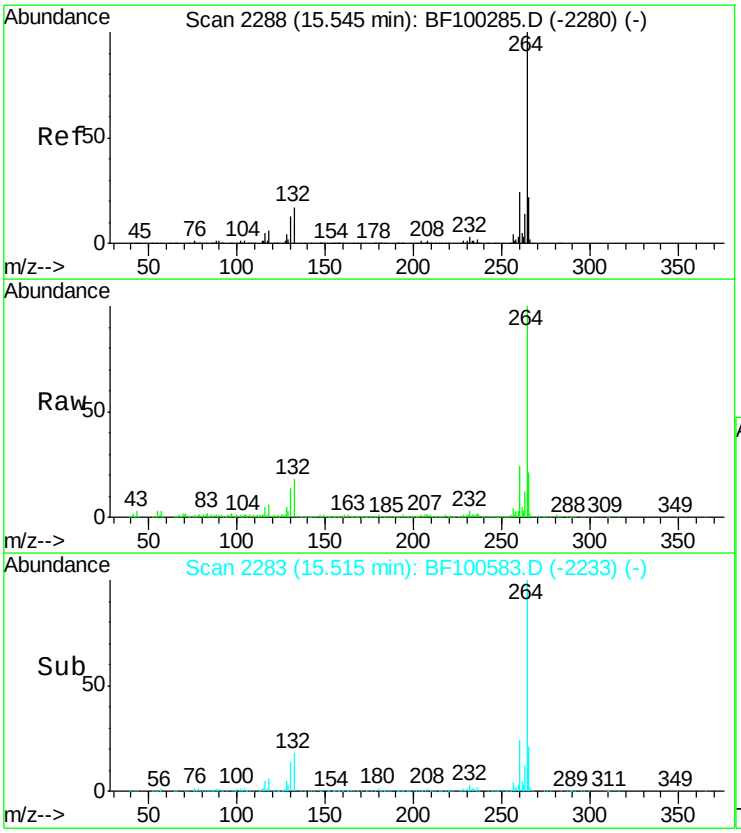
#78
Terphenyl-d14
Concen: 4.922 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tgt Ion:244 Resp: 54327

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Tgt Ion:264 Resp: 273759

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3