Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111217\
Data File : BF100493.D
Acq On : 12 Nov 2017 16:46
Operator : SJ/JU
Sample : I6403-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110817-TIDO-F-D-S

Quant Time: Nov 13 06:50:18 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	138702	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	515850	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	218890	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	342296	20.00	ng	0.00
75) Chrysene-d12	14.06	240	289138	20.00	ng	0.00
86) Perylene-d12	15.54	264	201679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	339361	39.22	ng	0.00
7) Phenol-d6	6.52	99	250777	23.50	ng	-0.01
23) Nitrobenzene-d5	7.46	82	767712	98.39	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	165223	74.07	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1334488	92.83	ng	0.00
78) Terphenyl-d14	13.01	244	918404	72.98	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.20	128	55626	2.239	ng	97
49) Dimethylphthalate	9.65	163	77484	4.636	ng	99
51) Acenaphthene	9.97	154	29337	2.119	ng	99
70) Phenanthrene	11.45	178	52907	2.936	ng	97

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

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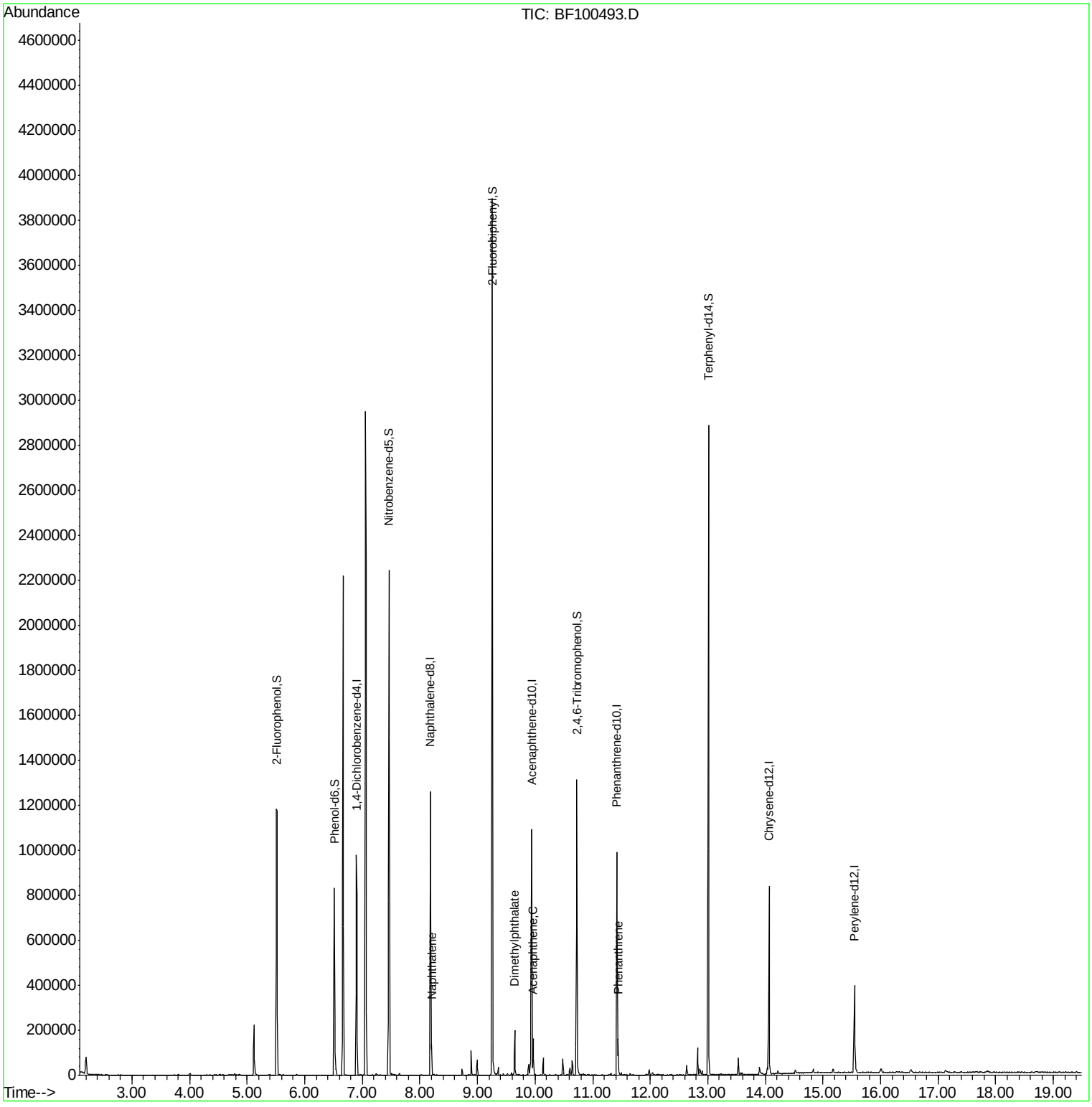
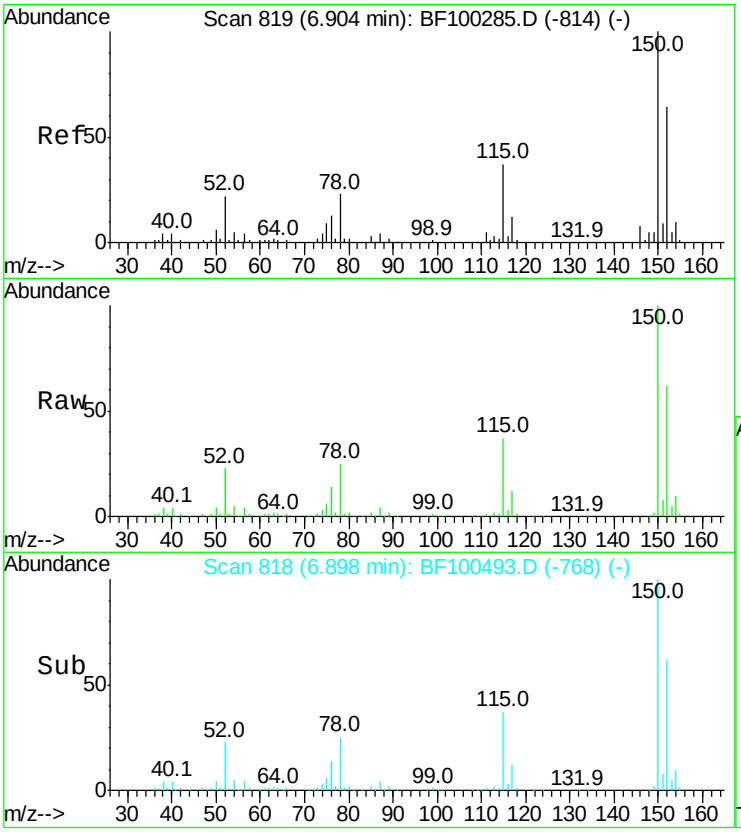


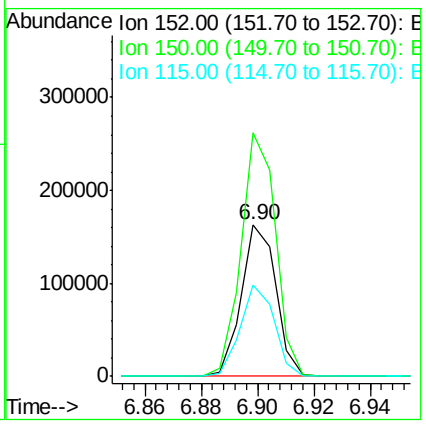


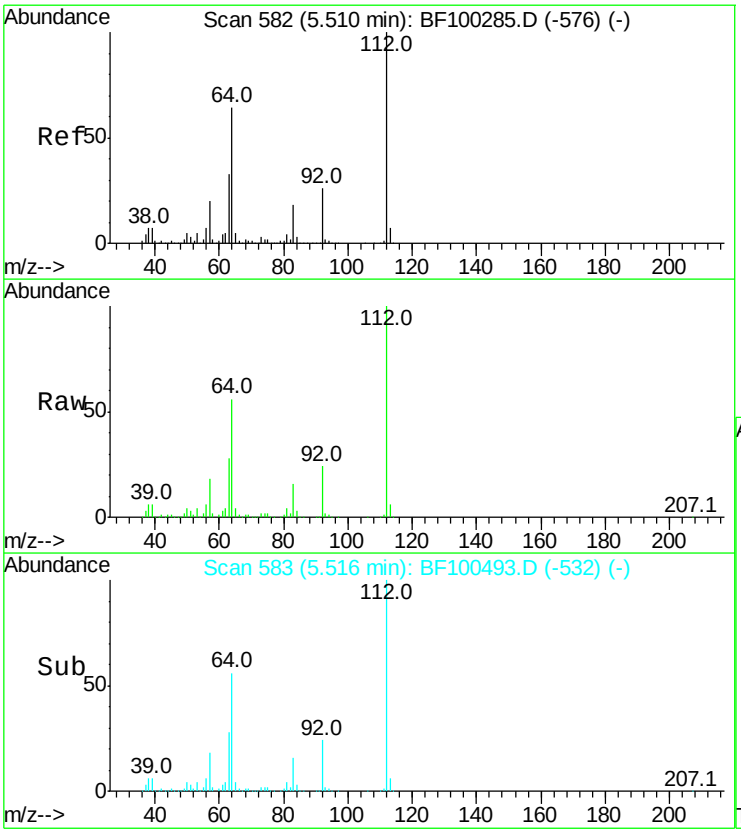
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion:152 Resp: 138702

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	59.8	50.1	75.1

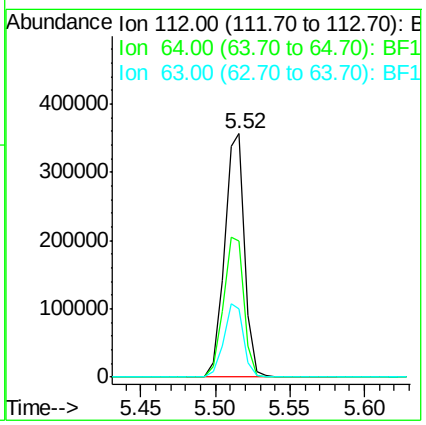


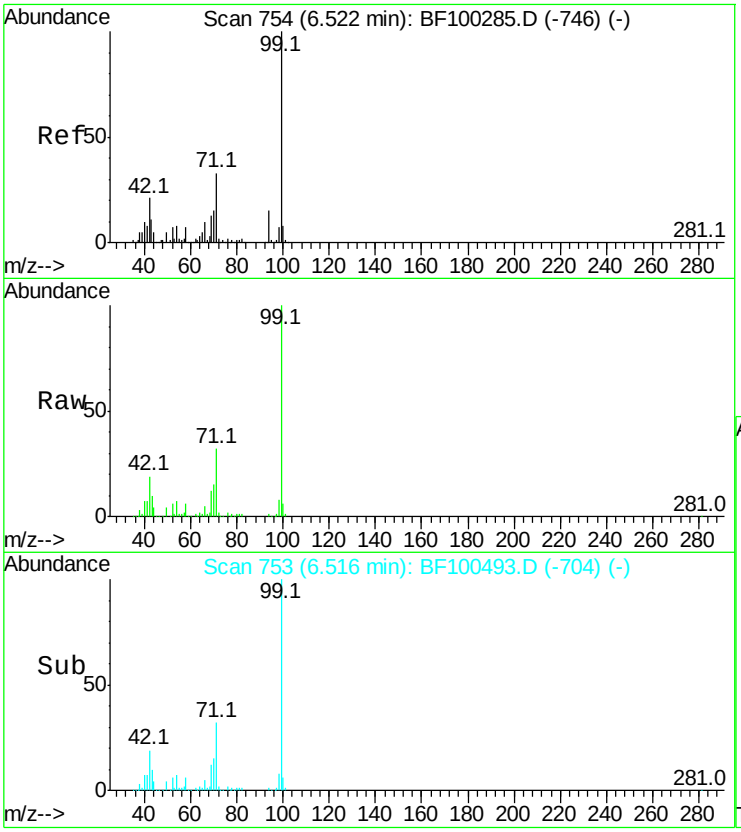


#5
2-Fluorophenol
Concen: 39.220 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:112 Resp: 339361

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	27.9	23.7	35.5



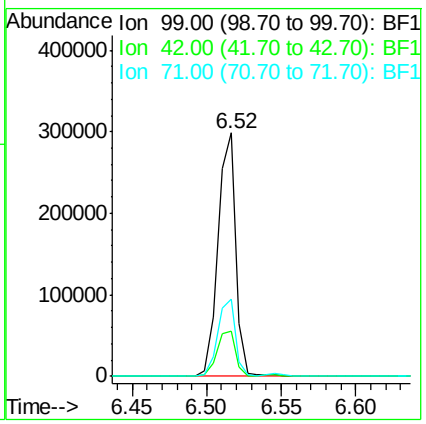


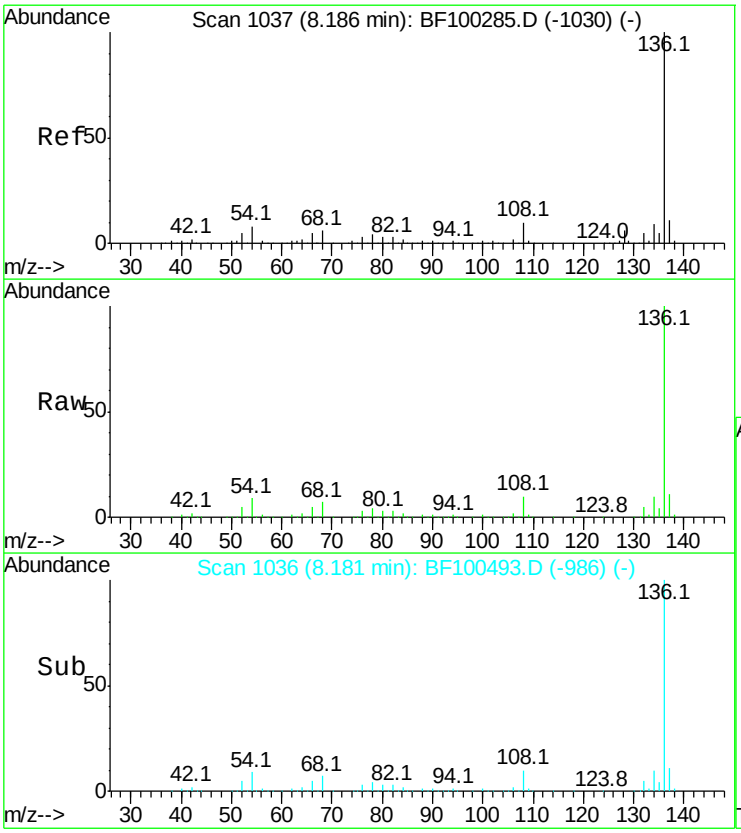
#7
Phenol-d6
Concen: 23.503 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion: 99 Resp: 250777

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	31.7	25.4	38.0

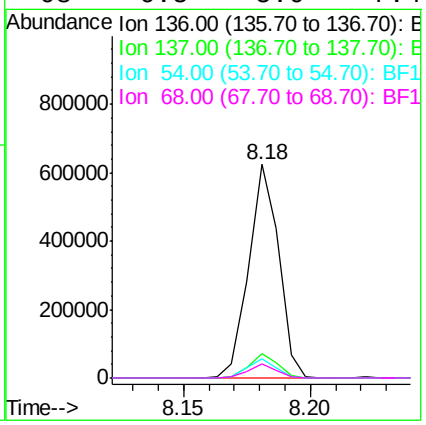


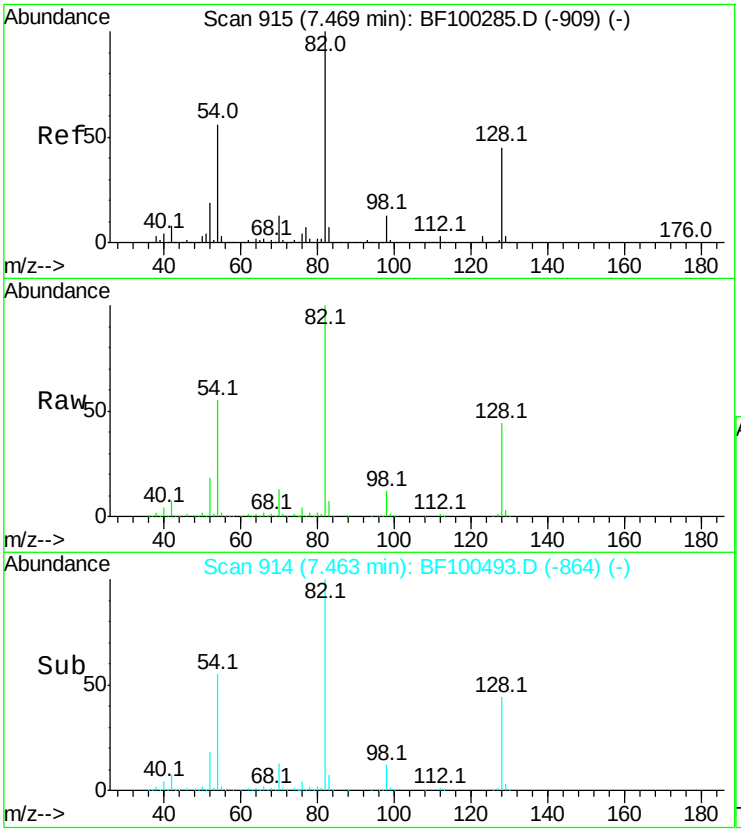


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:136 Resp: 515850

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.3	6.6	9.8
68	6.5	5.0	7.4



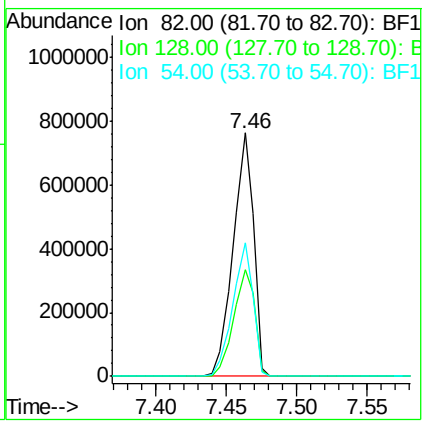


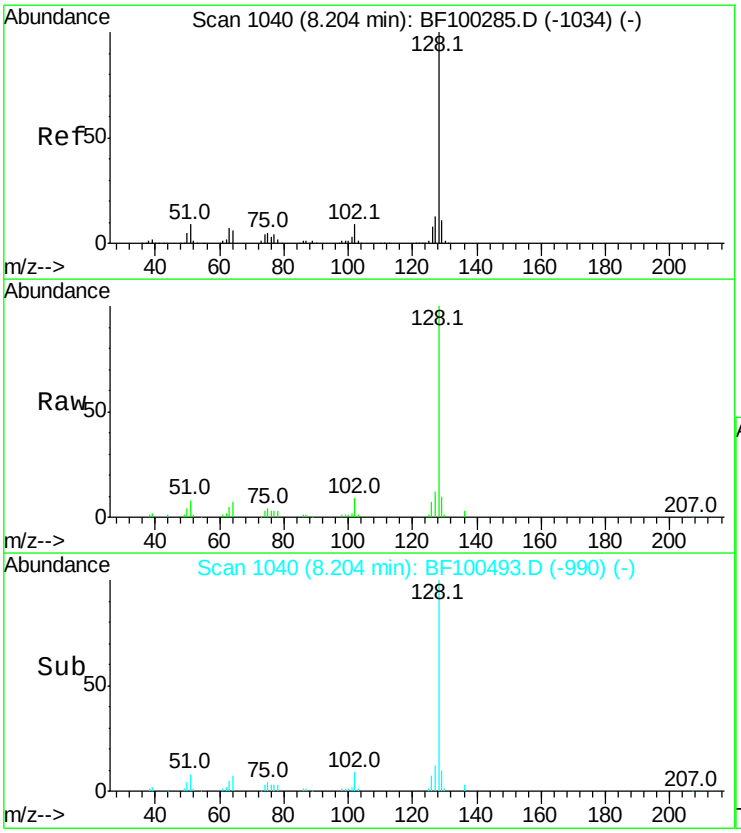
#23
Nitrobenzene-d5
Concen: 98.393 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion: 82 Resp: 767712

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	54.7	41.4	62.2

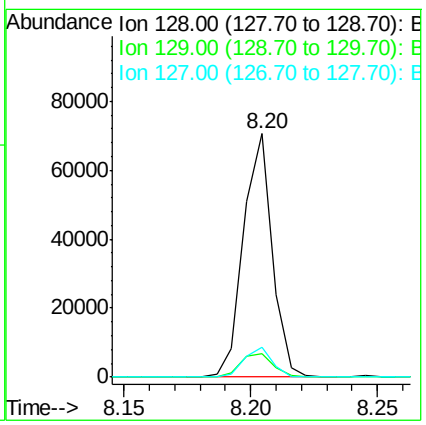


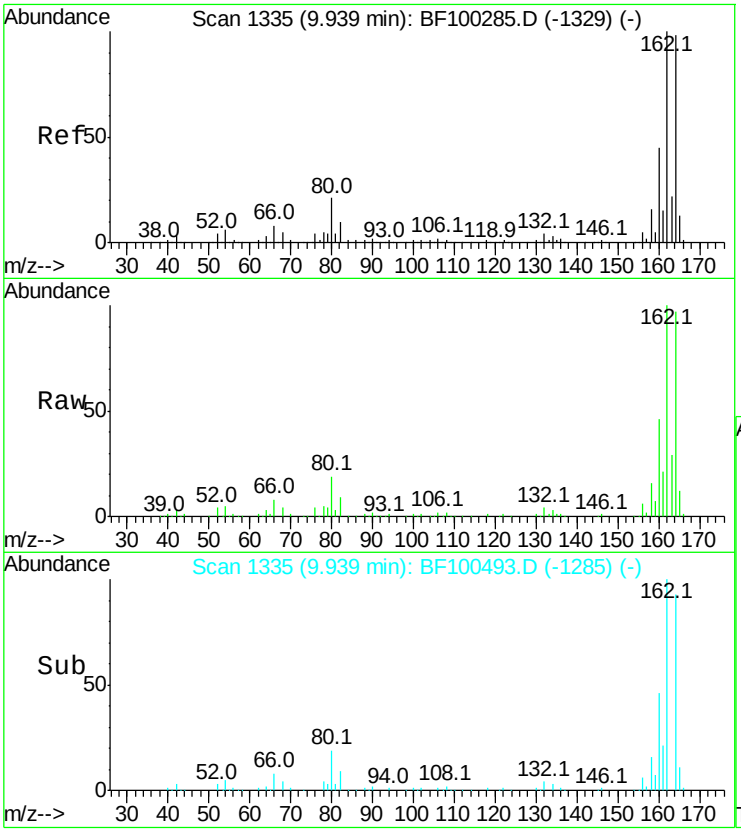


#31
Naphthalene
Concen: 2.239 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:128 Resp: 55626

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.8	13.2
127	12.4	10.9	16.3



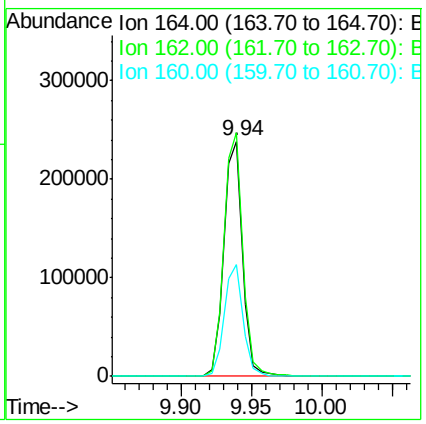


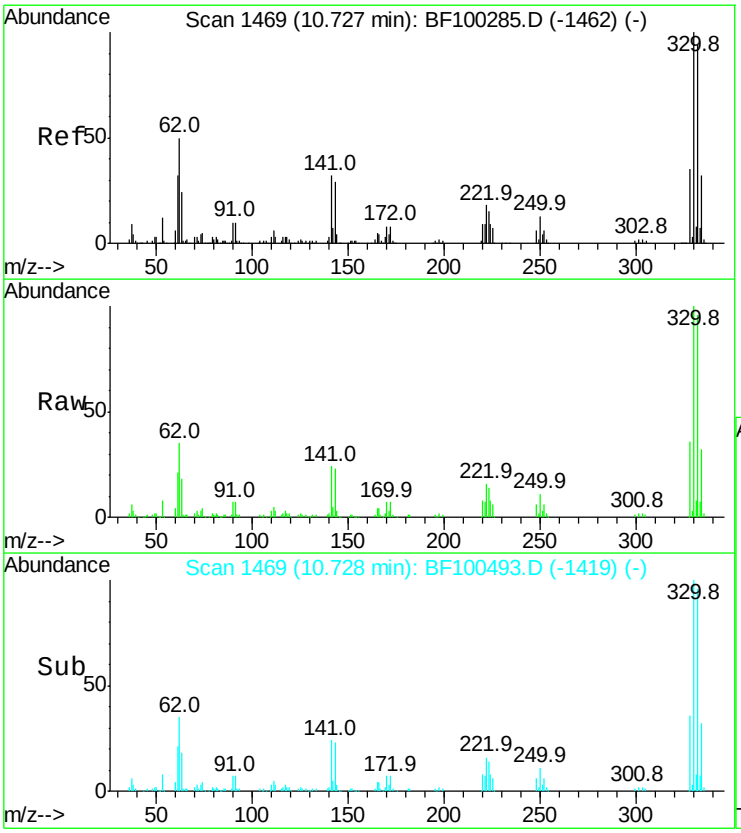
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion:164 Resp: 218890

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.5	38.3	57.5

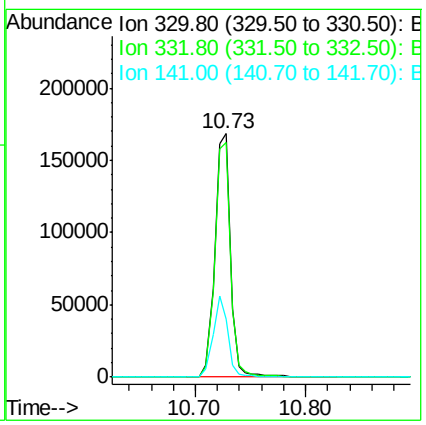


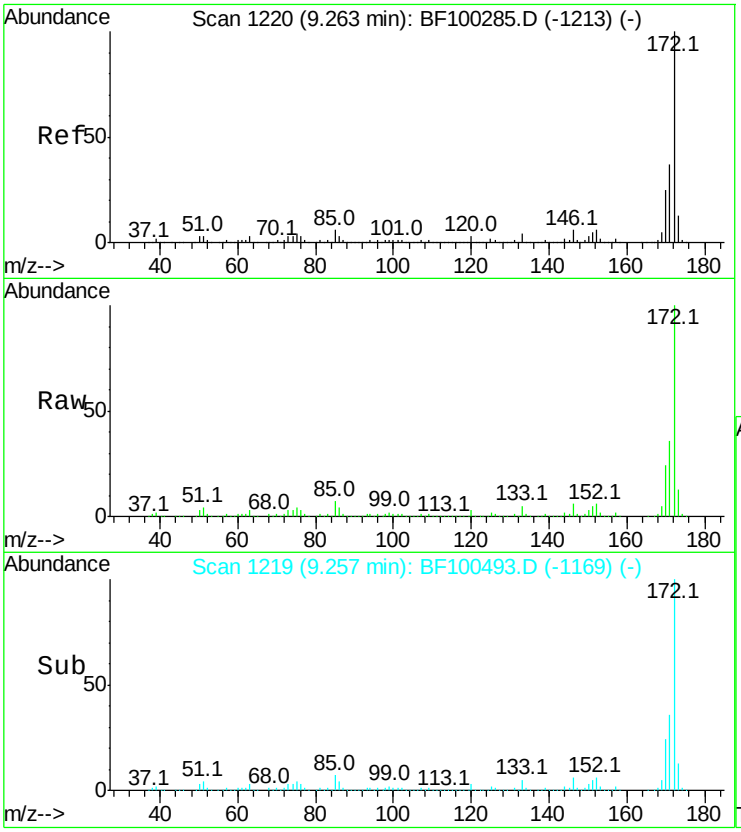


#41
2,4,6-Tribromophenol
Concen: 74.075 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:330 Resp: 165223

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	30.8	29.9	44.9



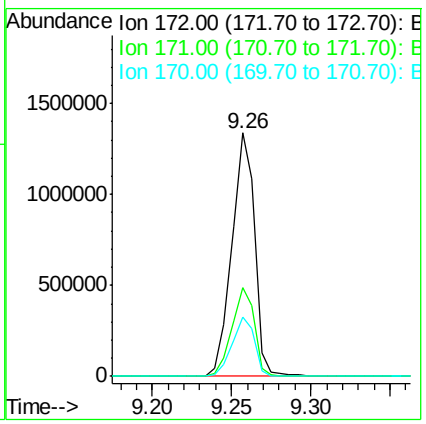


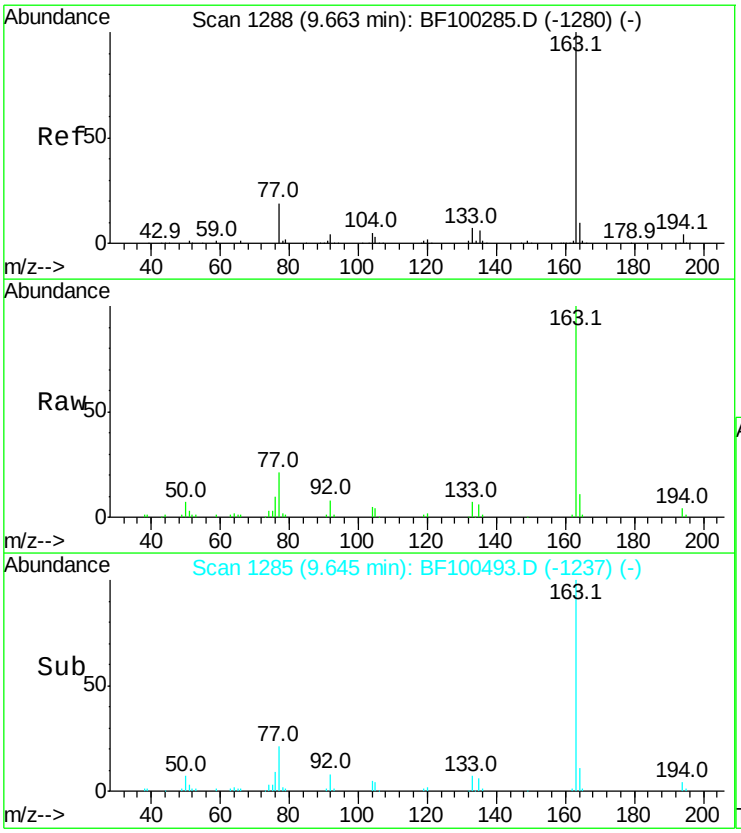
#44
2-Fluorobiphenyl
Concen: 92.834 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion:172 Resp: 1334488

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

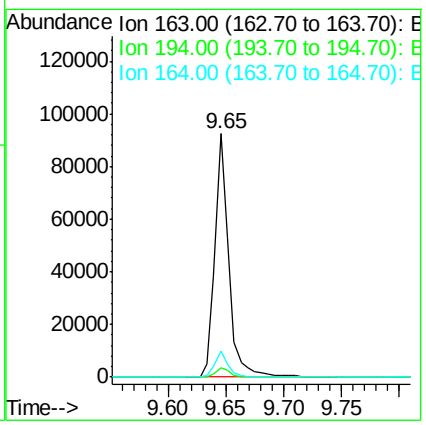


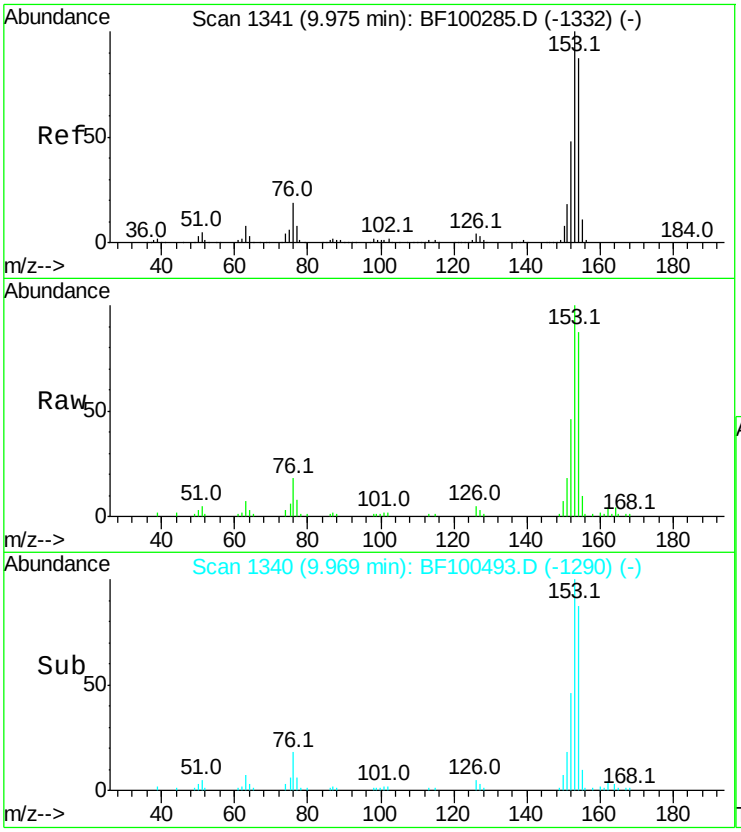


#49
Dimethylphthalate
Concen: 4.636 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:163 Resp: 77484

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.7	8.2	12.2



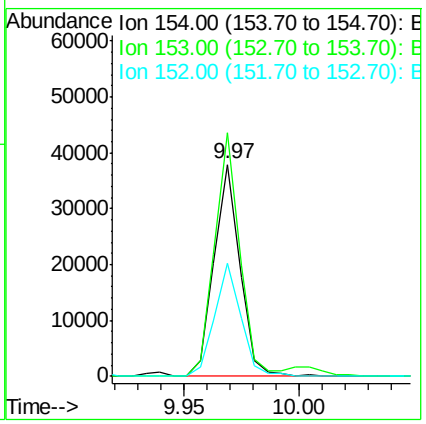


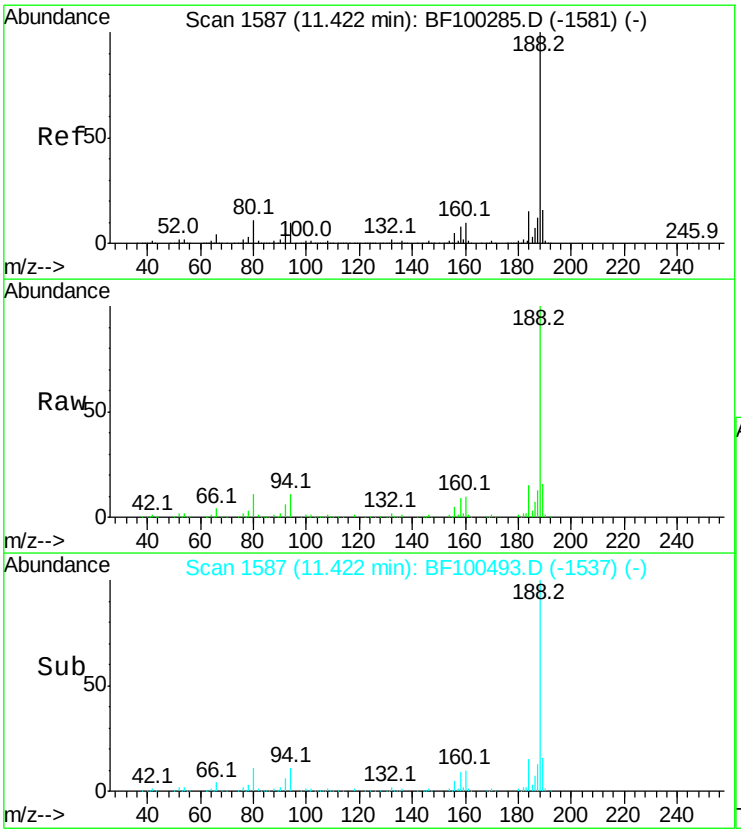
#51
Acenaphthene
Concen: 2.119 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion:154 Resp: 29337

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.2	136.8
152	53.3	43.8	65.8

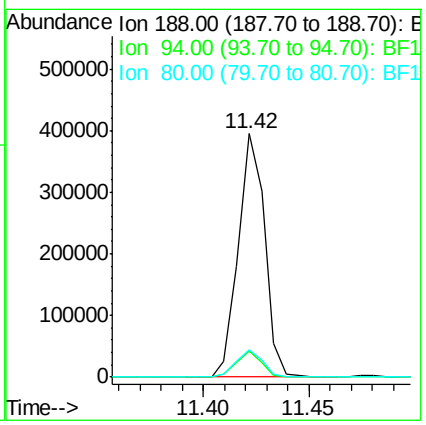


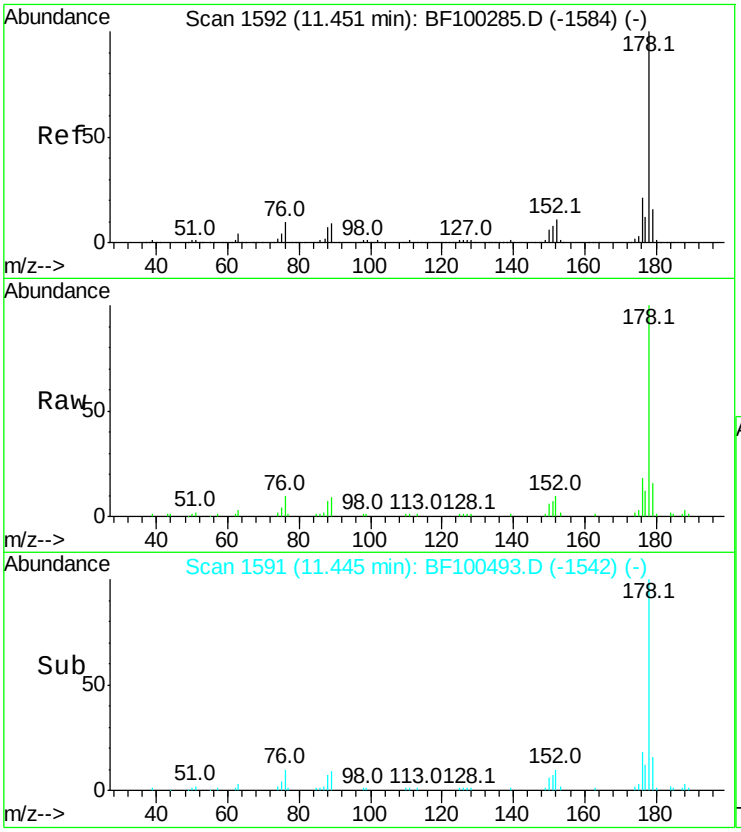


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:188 Resp: 342296

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8



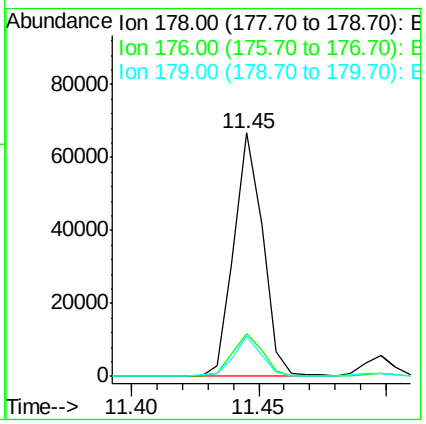


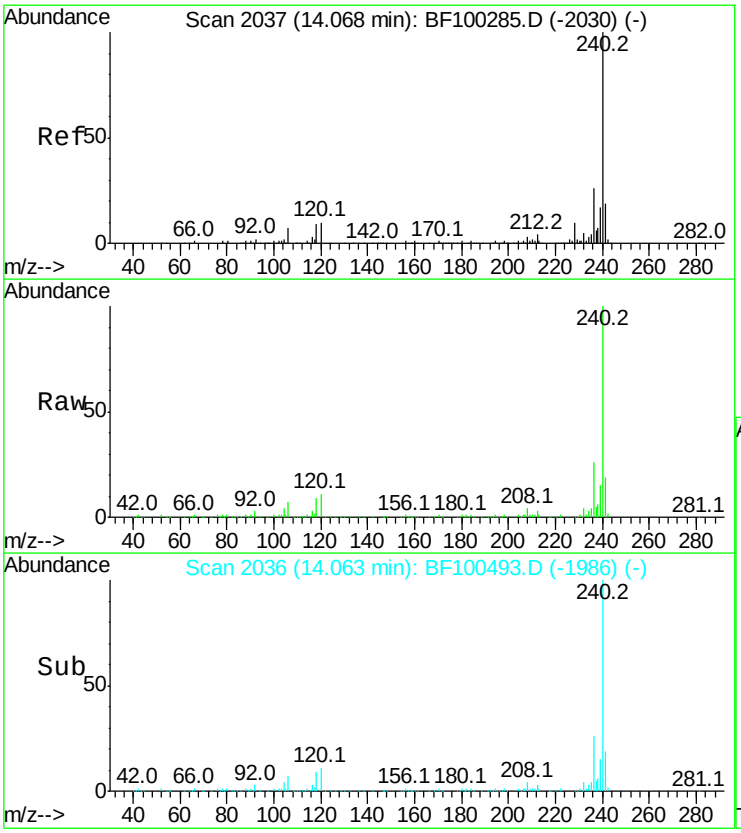
#70
Phenanthrene
Concen: 2.936 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion:178 Resp: 52907

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	16.4	13.0	19.6

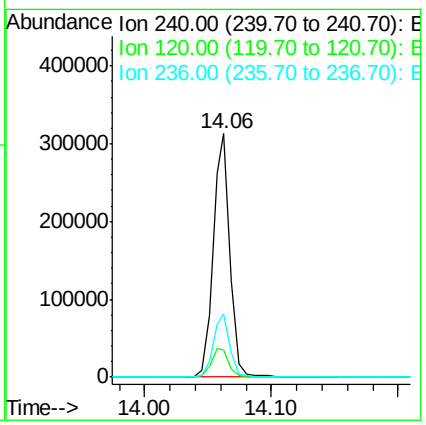


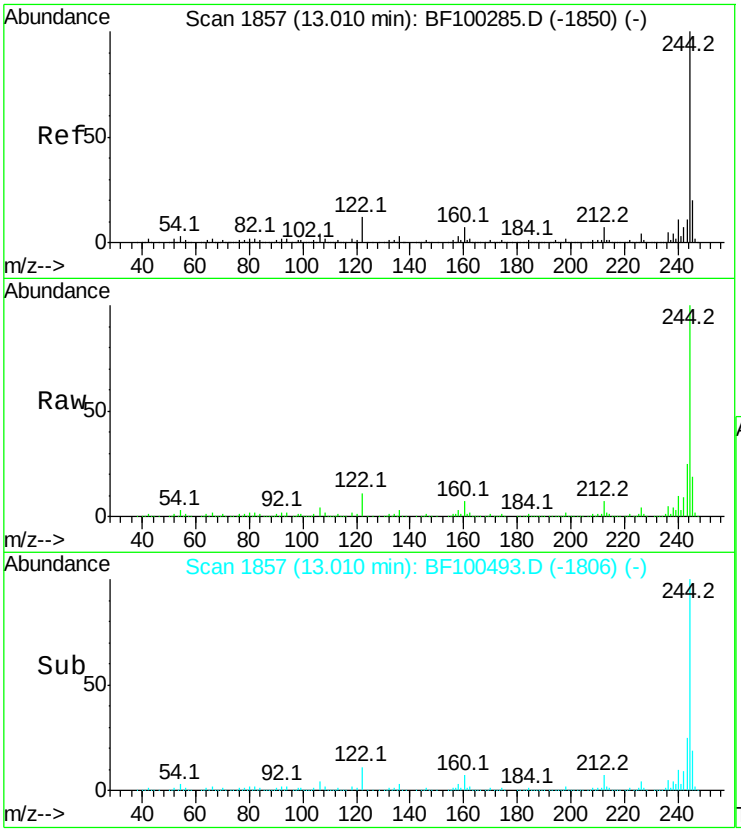


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:240 Resp: 289138

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.7	20.7	31.1



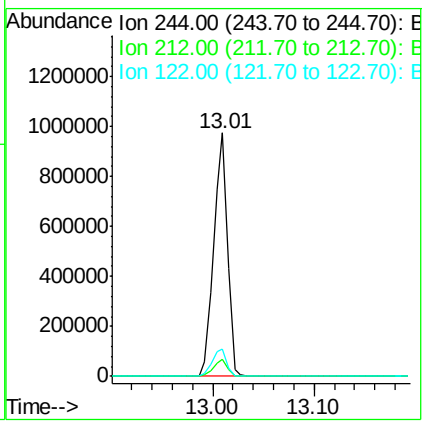


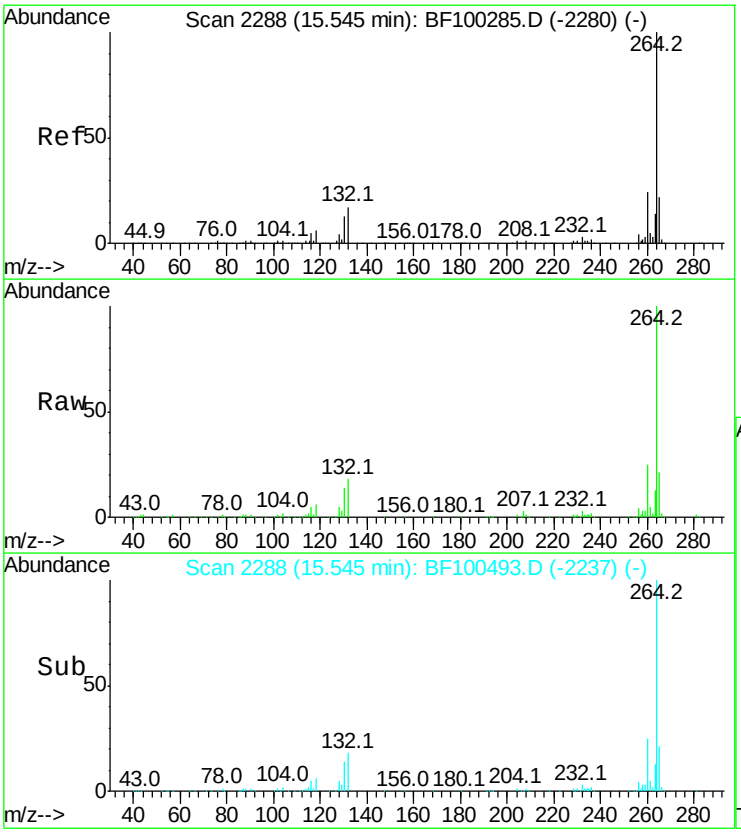
#78
Terphenyl-d14
Concen: 72.983 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion:244 Resp: 918404

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:264 Resp: 201679

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.5	26.3