Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Time: Nov 13 02:43:11 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	142797	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	502643	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	188520	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	314130	20.00	ng	0.00
75) Chrysene-d12	14.07	240	313118	20.00	ng	0.00
86) Perylene-d12	15.55	264	228152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	155756	17.48	ng	0.00
7) Phenol-d6	6.52	99	184012	16.75	ng	-0.01
23) Nitrobenzene-d5	7.46	82	101350	13.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	28597	14.89	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	187541	15.15	ng	0.00
78) Terphenyl-d14	13.01	244	151501	11.12	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.45	178	37142	2.246	ng	95
74) Fluoranthene	12.64	202	53274	3.039	ng	97
77) Pyrene	12.87	202	52305	2.343	ng	97

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

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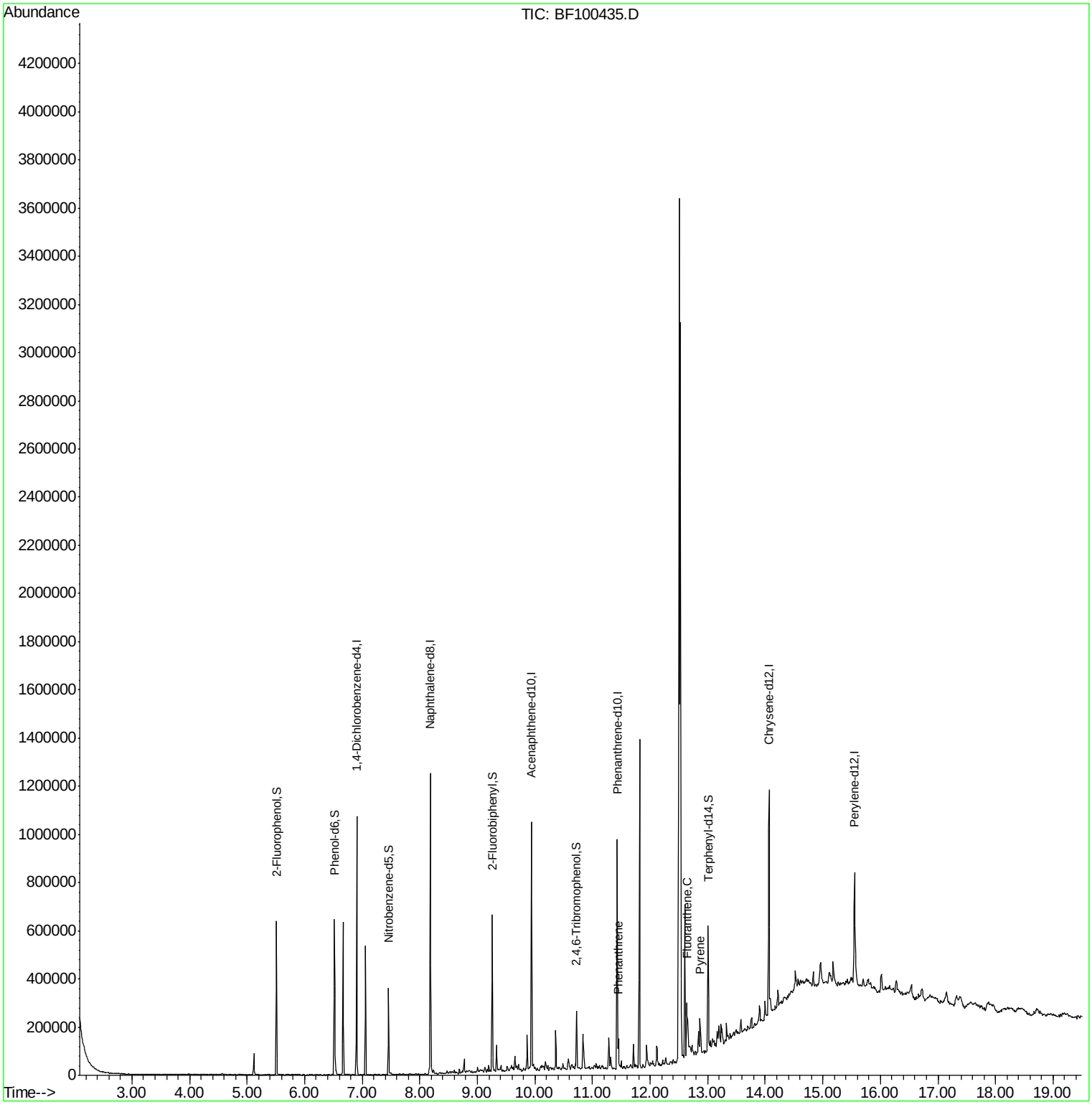
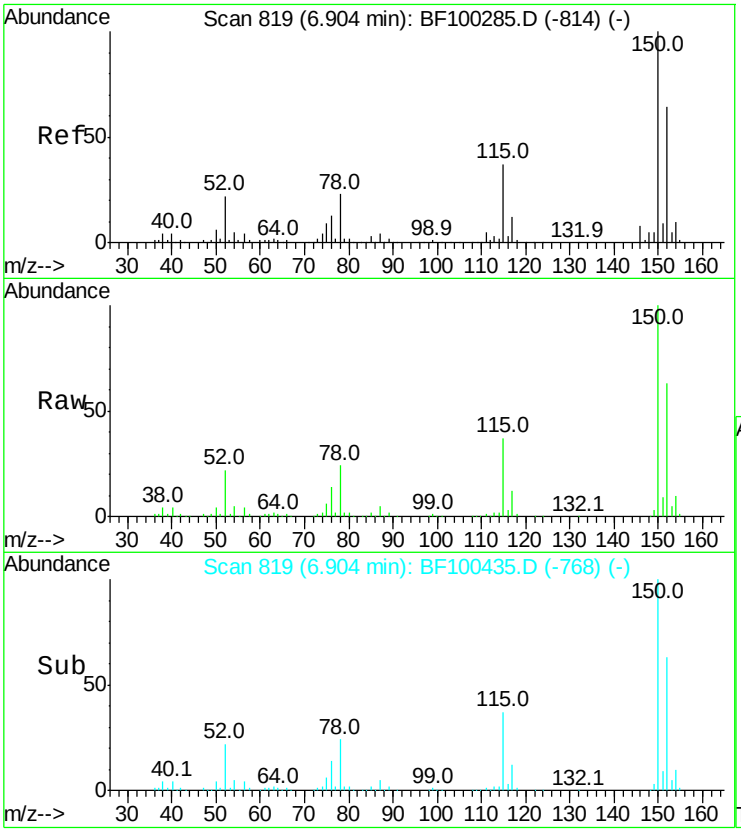


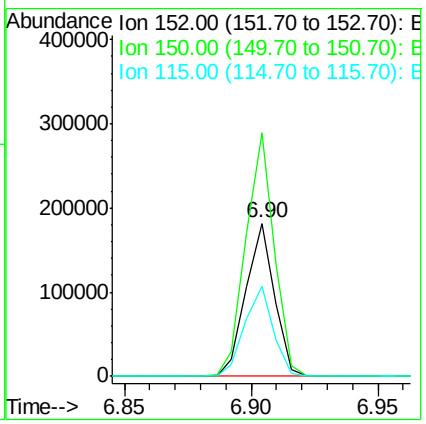


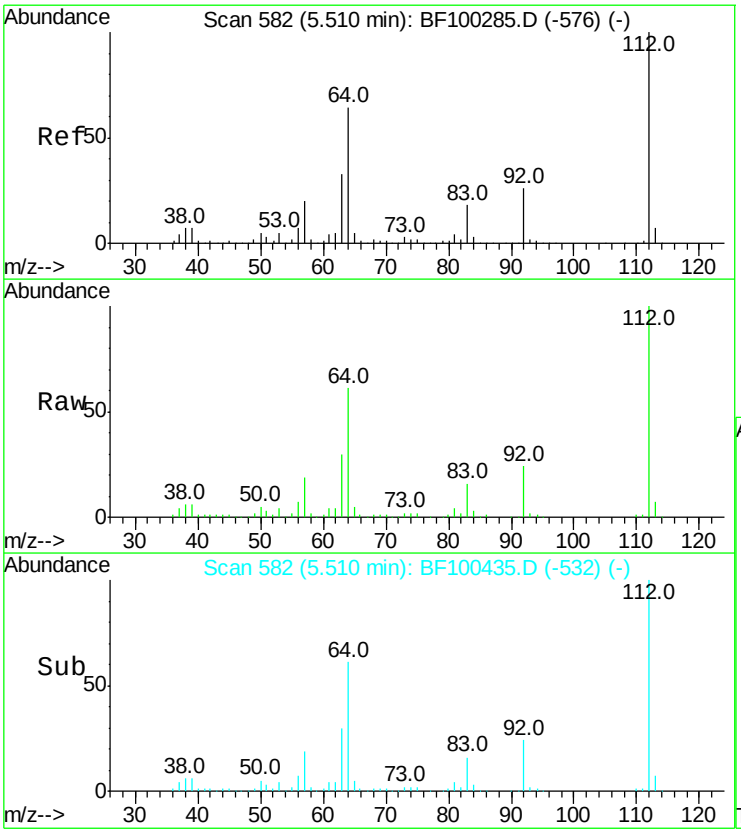
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion:152 Resp: 142797

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	59.0	50.1	75.1

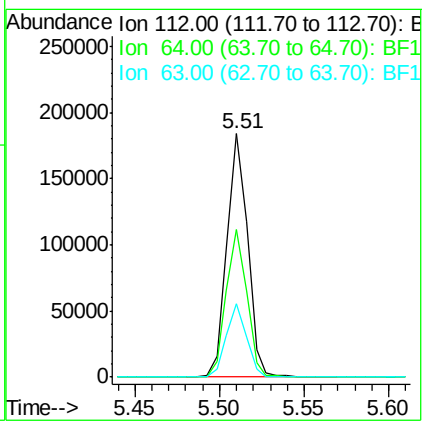


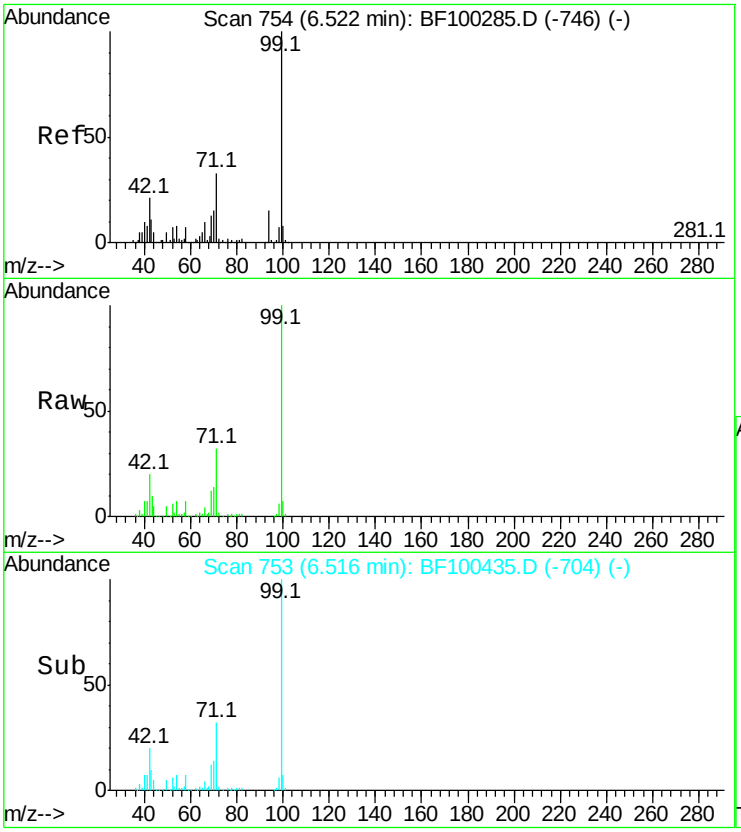


#5
2-Fluorophenol
Concen: 17.485 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Tgt Ion:112 Resp: 155756

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.2	23.7	35.5



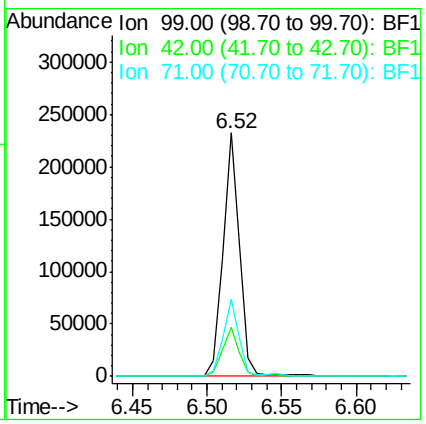


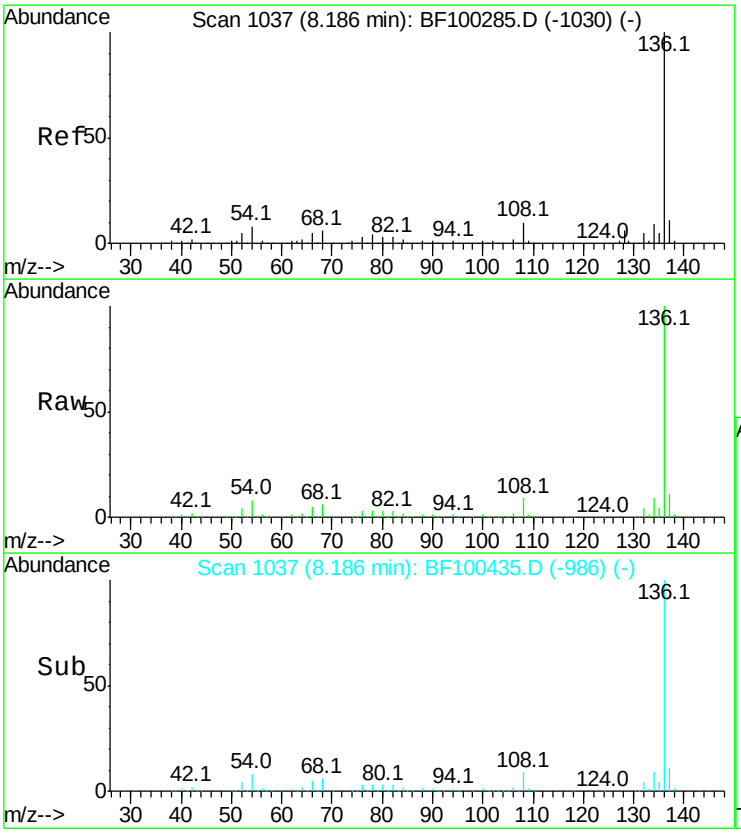
#7
Phenol-d6
Concen: 16.751 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion: 99 Resp: 184012

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	31.7	25.4	38.0

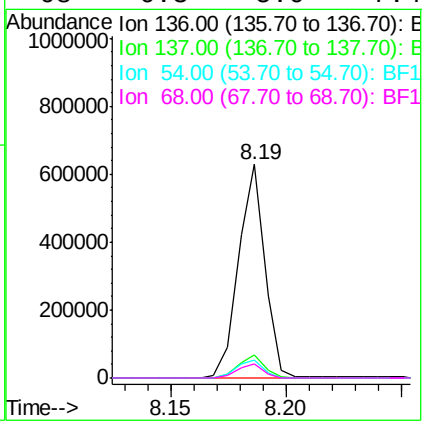


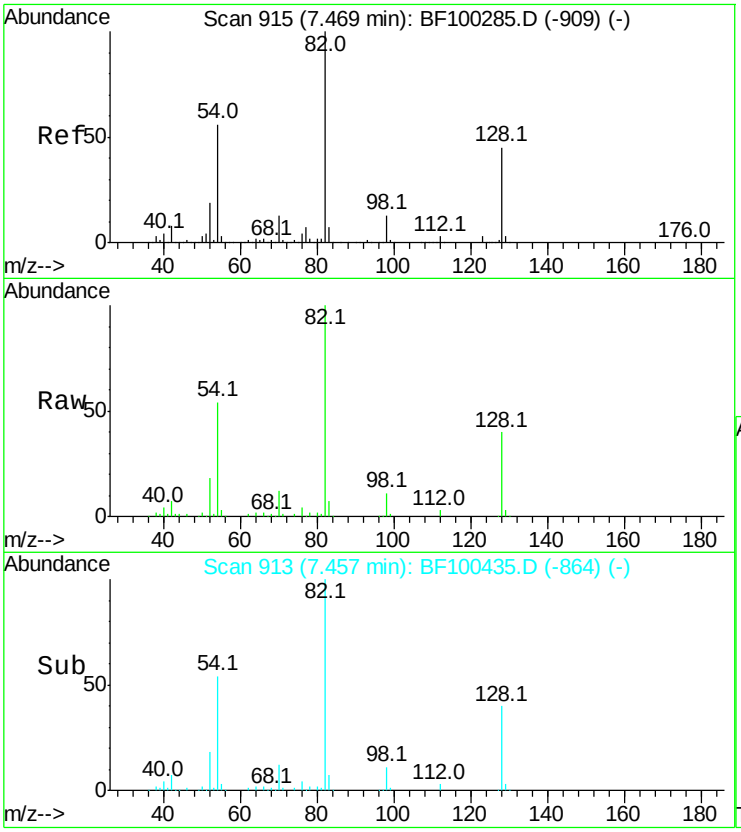


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Tgt Ion:136 Resp: 502643

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4



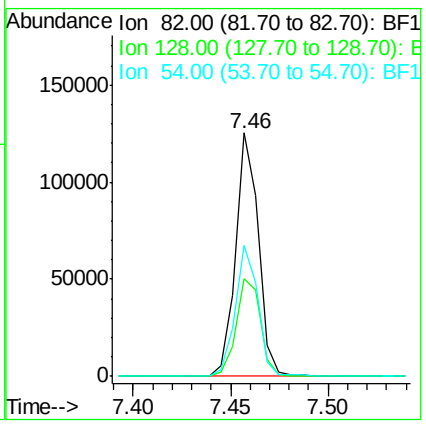


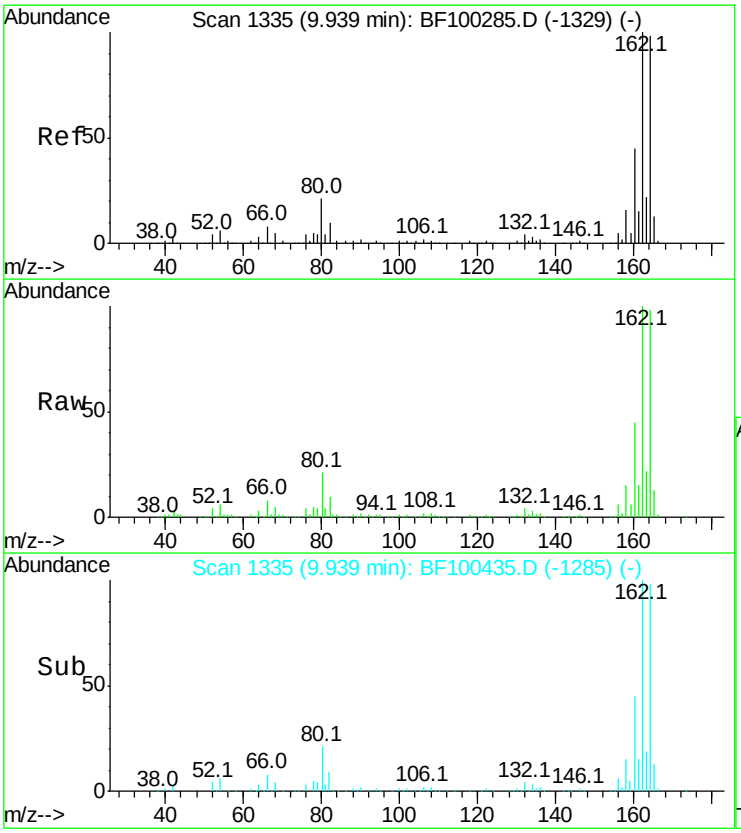
#23
Nitrobenzene-d5
Concen: 13.331 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion: 82 Resp: 101350

Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	53.9	41.4	62.2

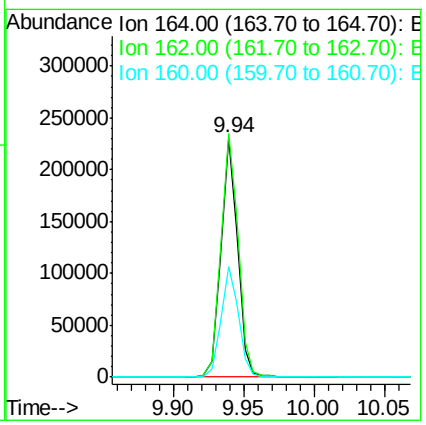


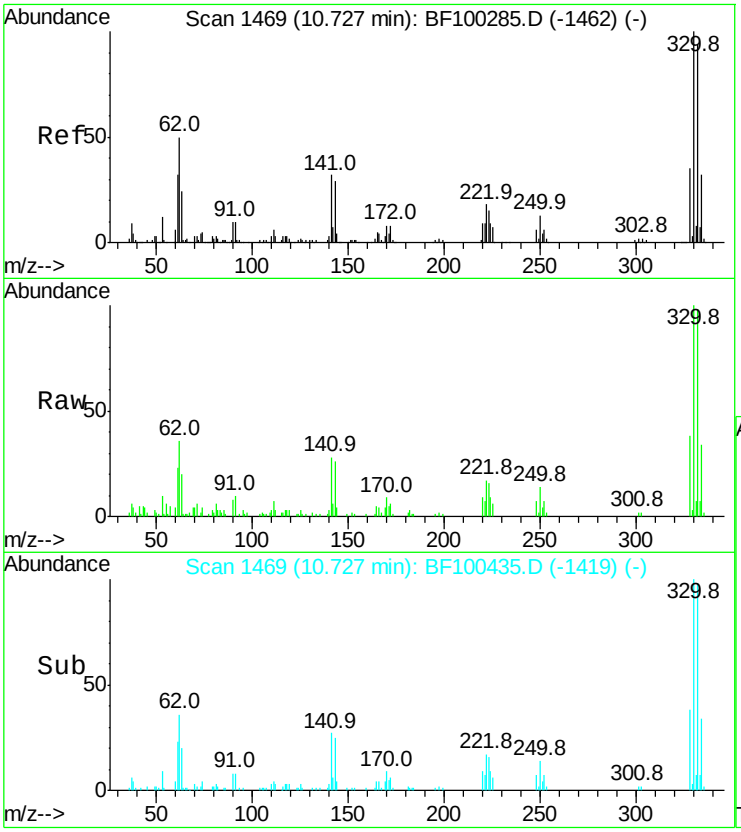


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Tgt Ion:164 Resp: 188520

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.3	38.3	57.5



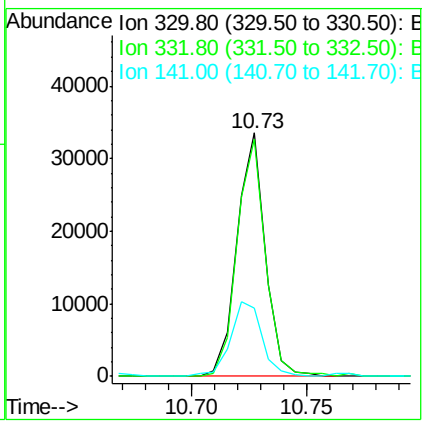


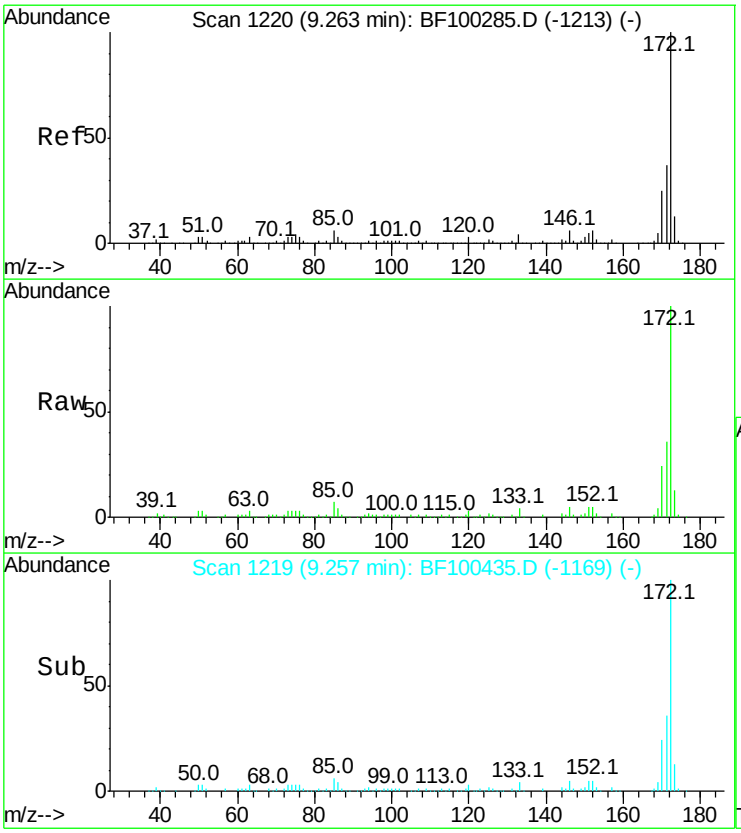
#41
2,4,6-Tribromophenol
Concen: 14.886 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion:330 Resp: 28597

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	34.5	29.9	44.9

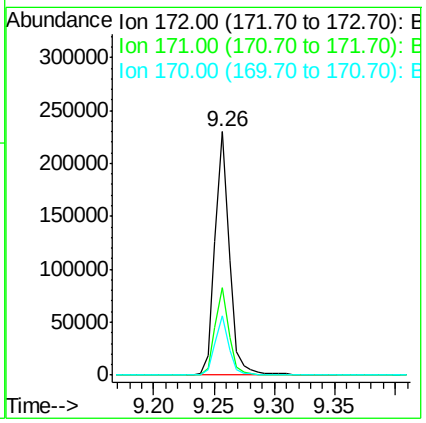


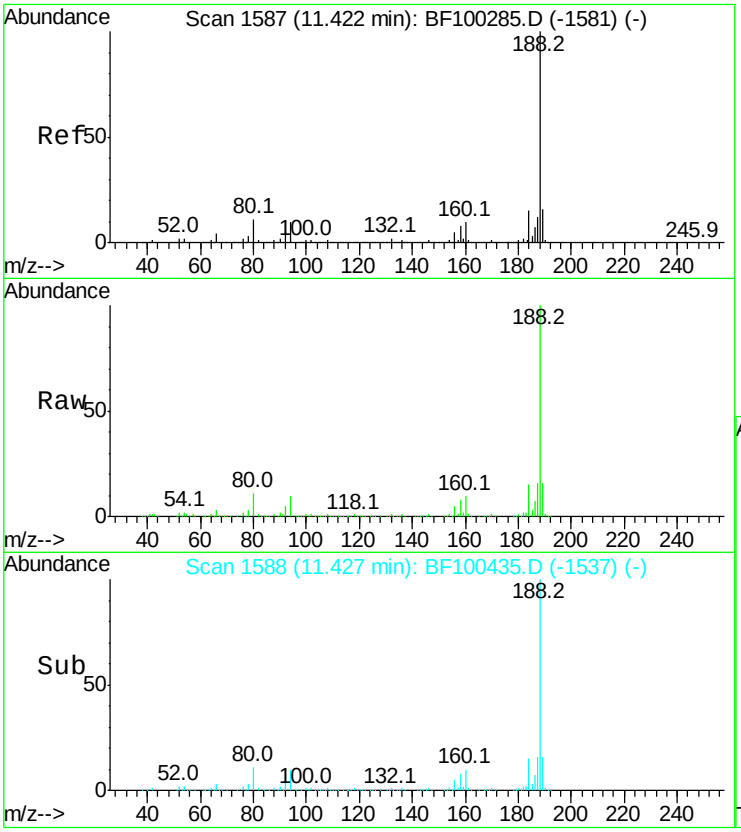


#44
2-Fluorobiphenyl
Concen: 15.148 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Tgt Ion:172 Resp: 187541

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4



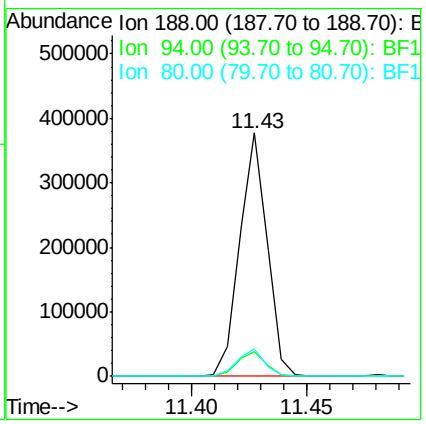


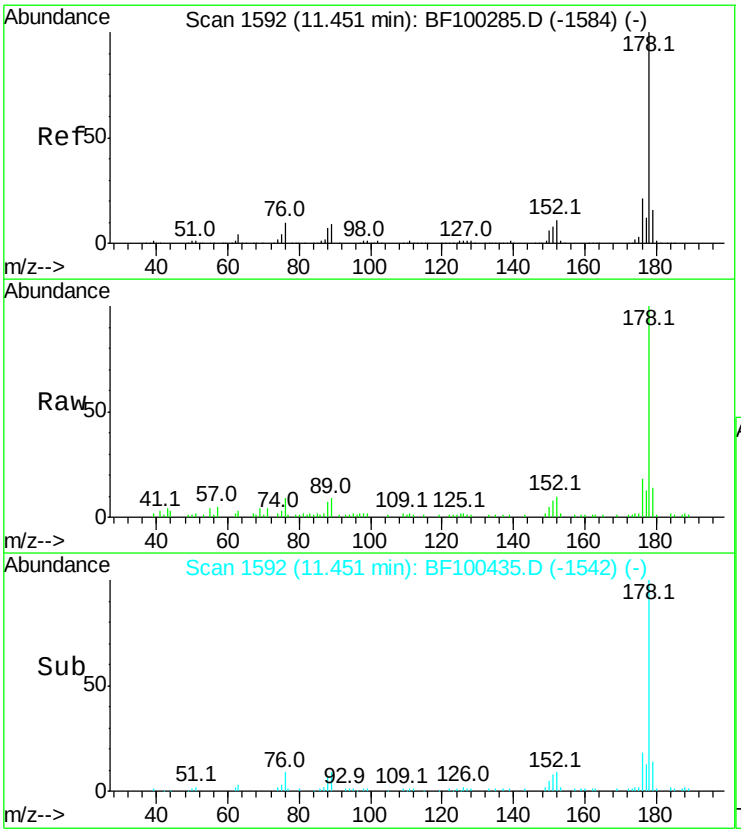
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion:188 Resp: 314130

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

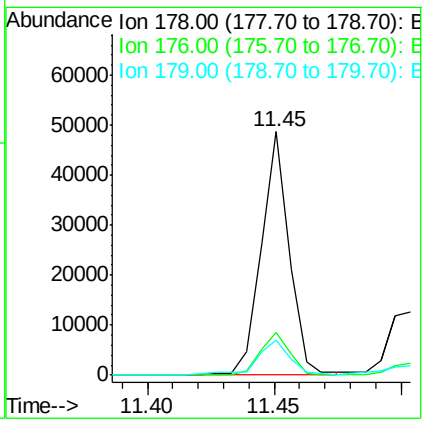


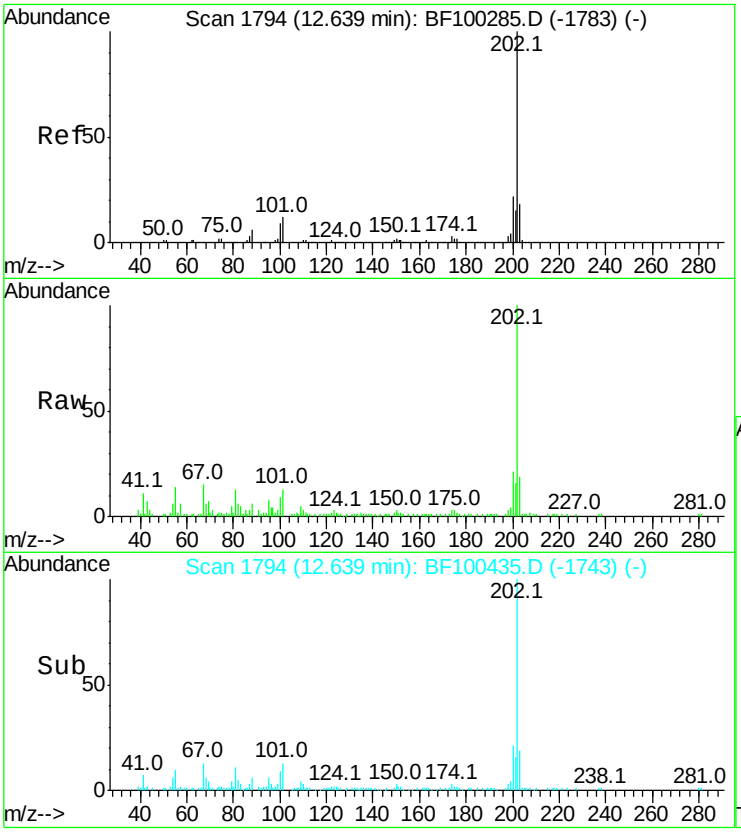


#70
Phenanthrene
Concen: 2.246 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Tgt Ion:178 Resp: 37142

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	14.3	13.0	19.6



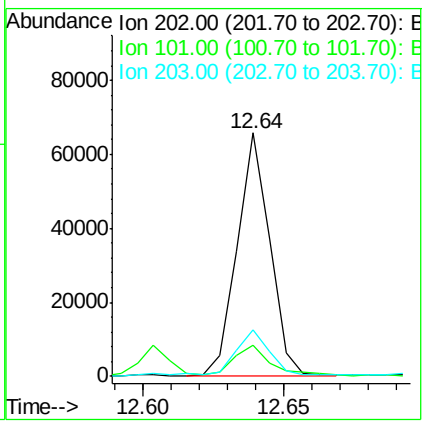


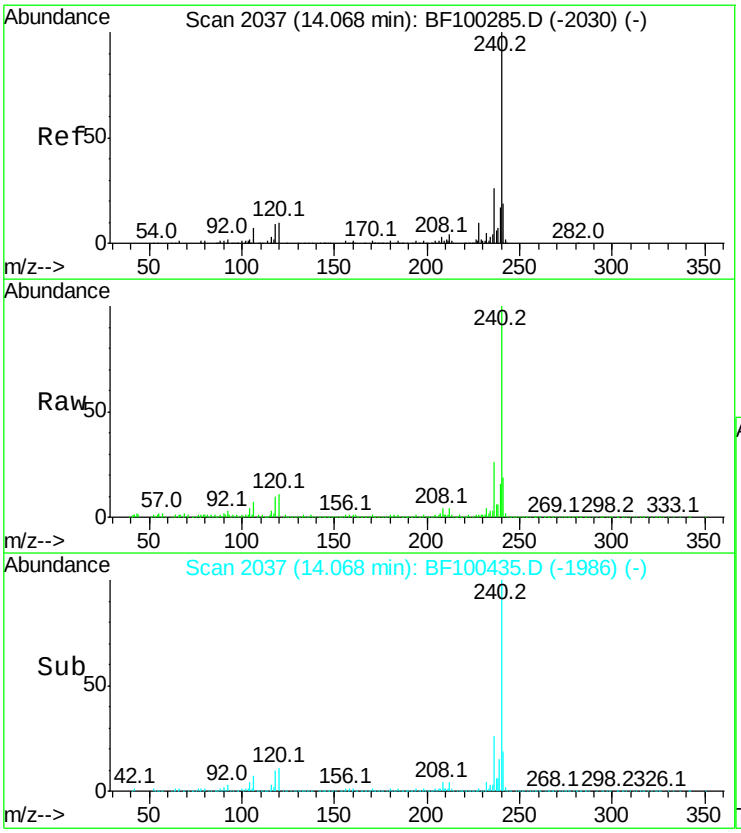
#74
Fluoranthene
Concen: 3.039 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion:202 Resp: 53274

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	19.3	0.0	38.1

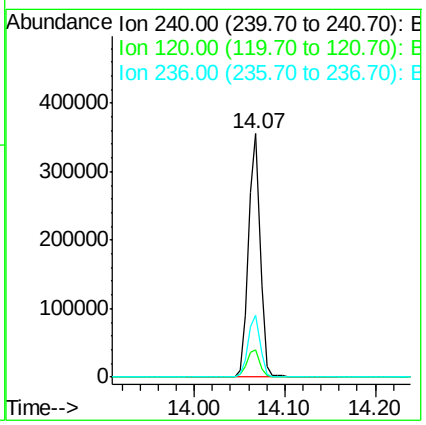


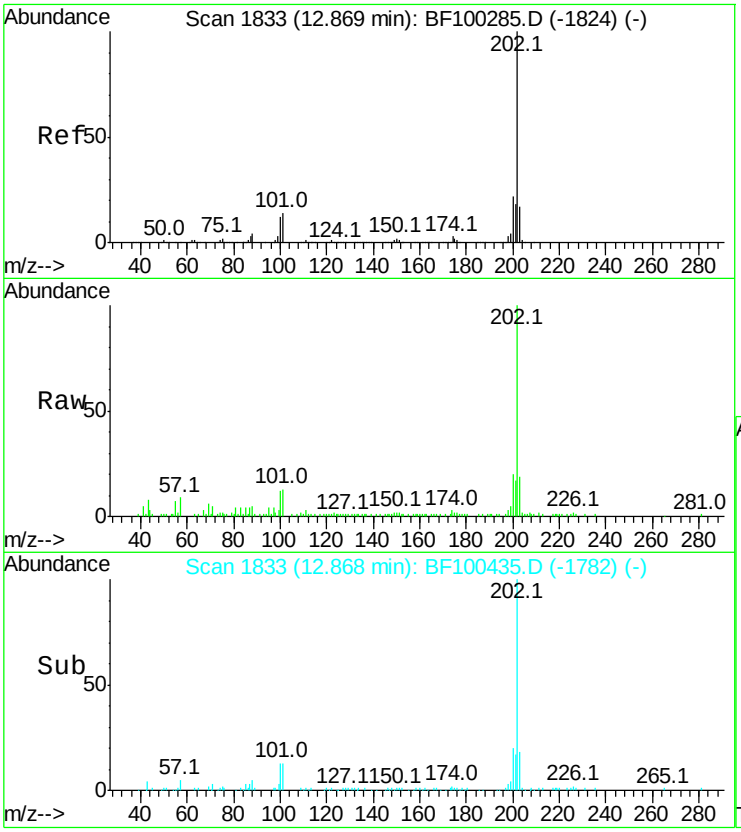


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Tgt Ion:240 Resp: 313118

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.6	20.7	31.1



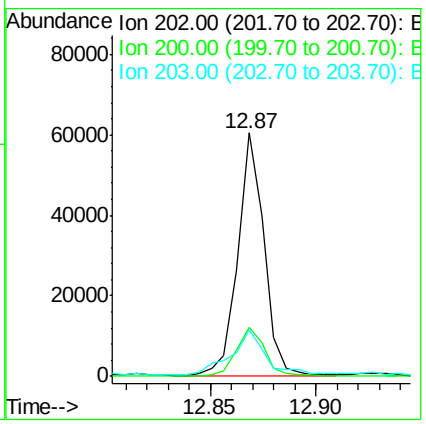


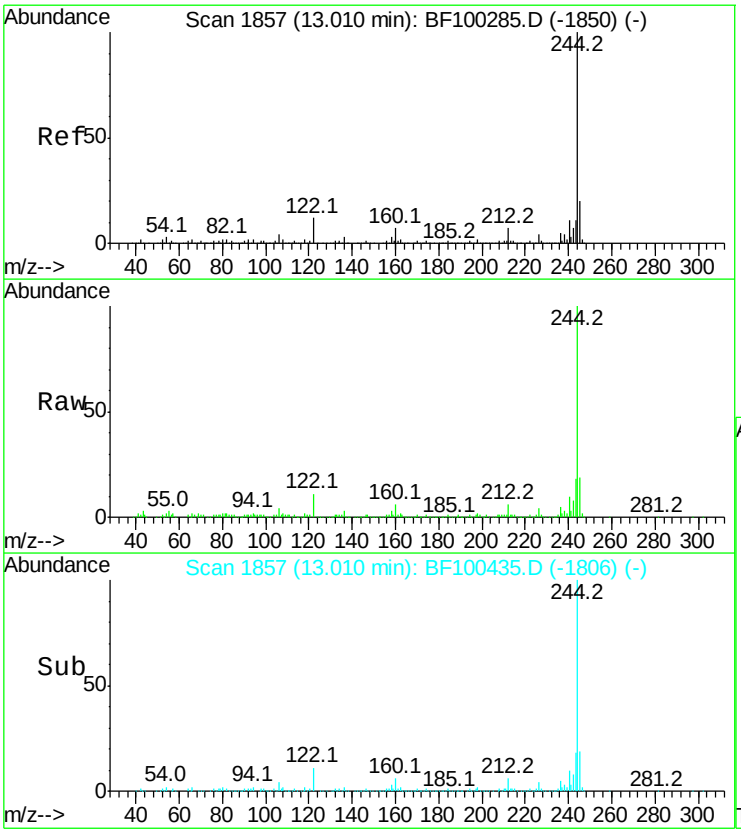
#77
Pyrene
Concen: 2.343 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion:202 Resp: 52305

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	19.1	14.3	21.5

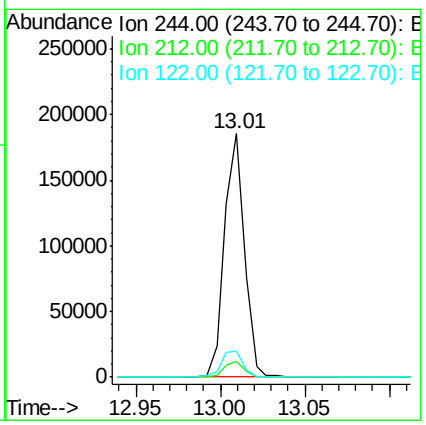


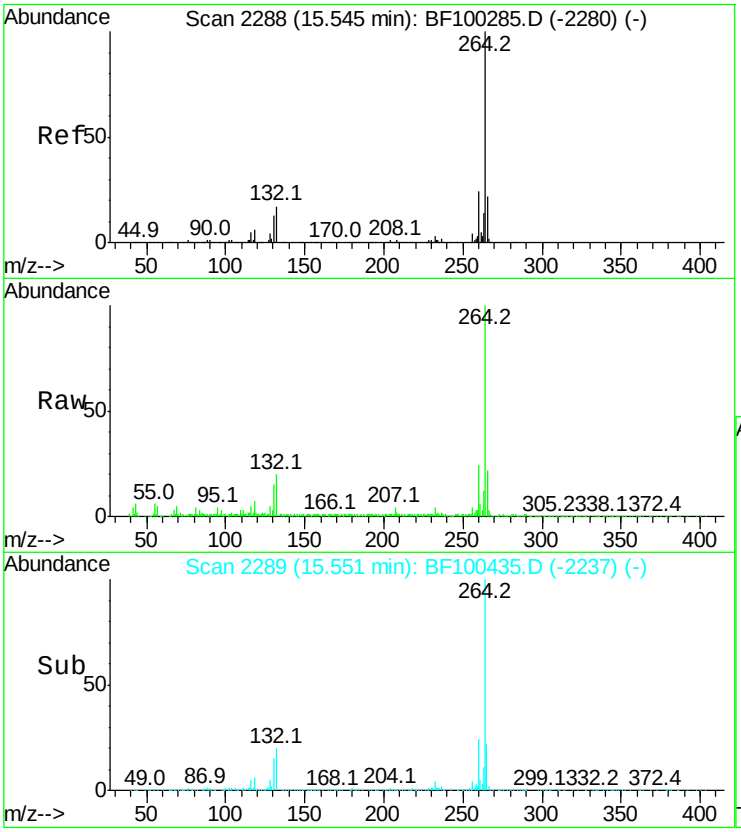


#78
Terphenyl-d14
Concen: 11.117 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Tgt Ion:244 Resp: 151501

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.8	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: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tgt Ion:264 Resp: 228152

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3