Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100527.D
Acq On : 14 Nov 2017 6:20
Operator : SJ/JU
Sample : I6441-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Time: Nov 14 08:49:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	124575	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	446467	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	168039	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	276003	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	267831	20.00	ng	-0.02
86) Perylene-d12	15.53	264	194027	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	935391	120.36	ng	0.02
7) Phenol-d6	6.52	99	956717	99.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	801551	118.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	237683	138.81	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1319097	119.53	ng	-0.02
78) Terphenyl-d14	13.00	244	1034245	88.73	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.19	128	879388	40.894	ng	99
37) 2-Methylnaphthalene	8.88	142	67063	4.697	ng	97
51) Acenaphthene	9.96	154	21832	2.054	ng	97

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

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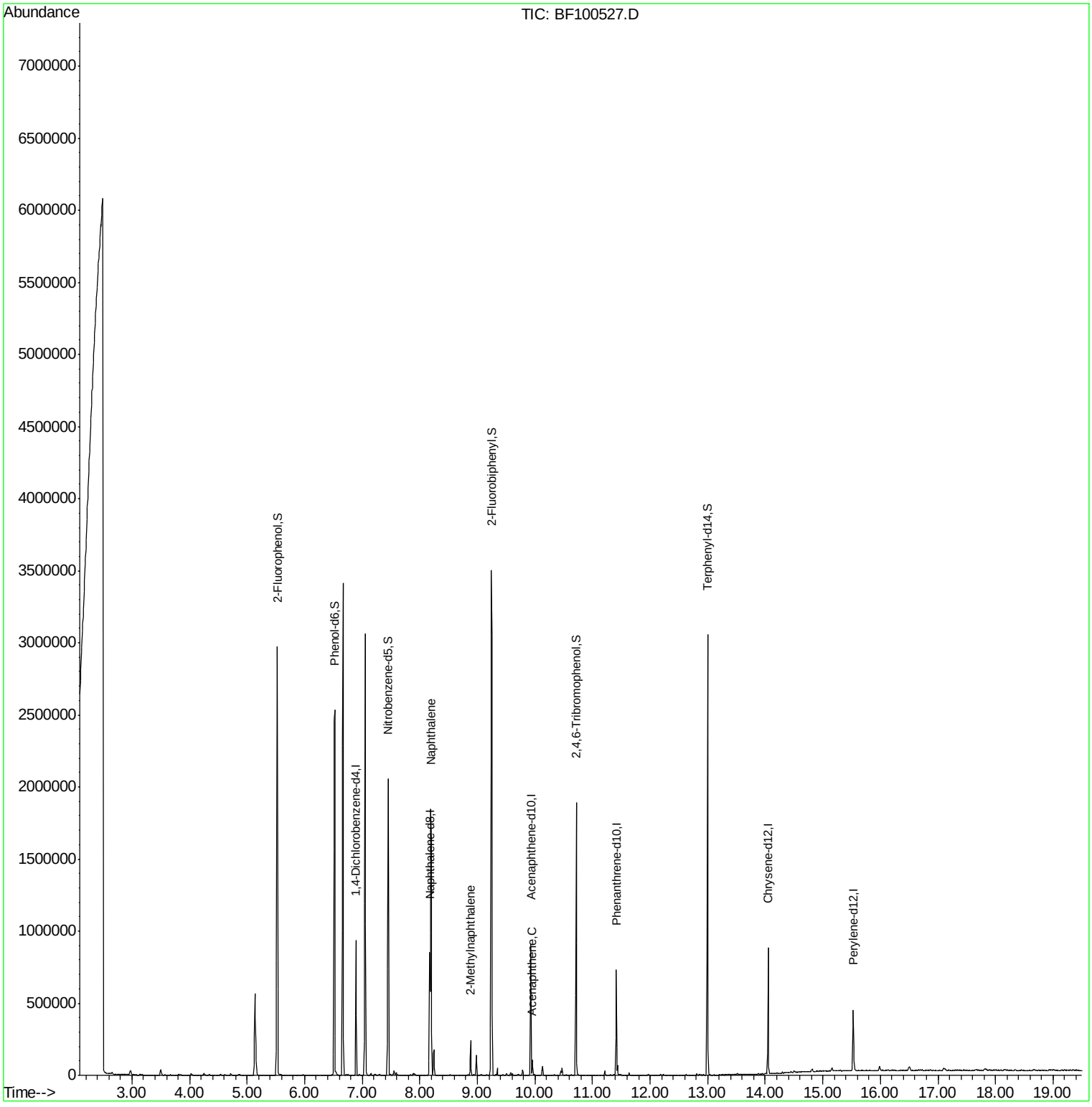
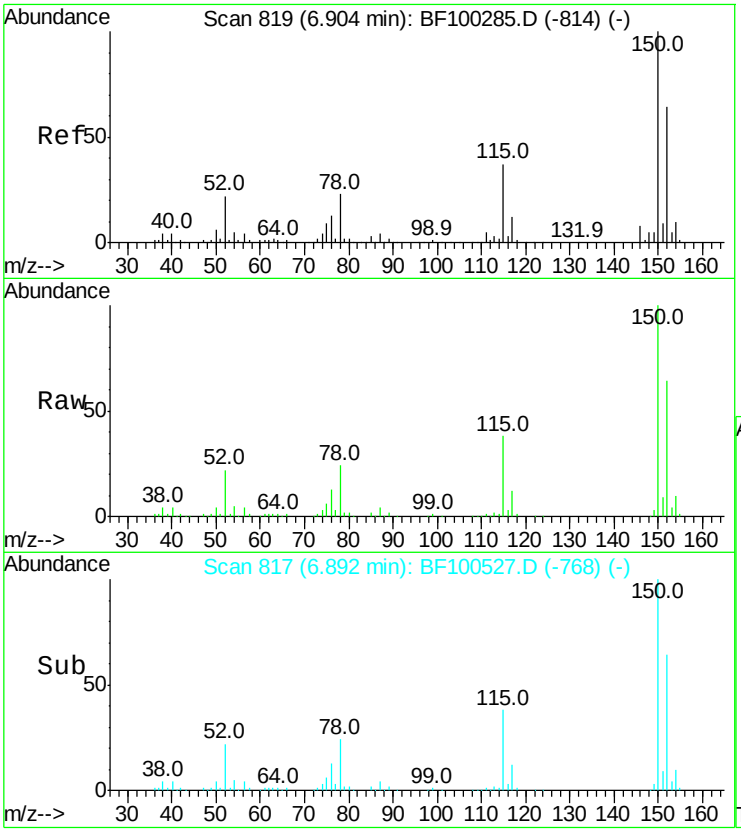


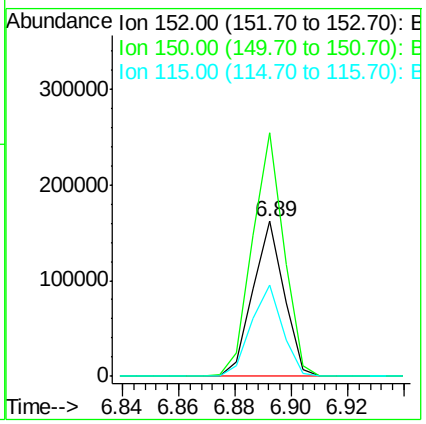


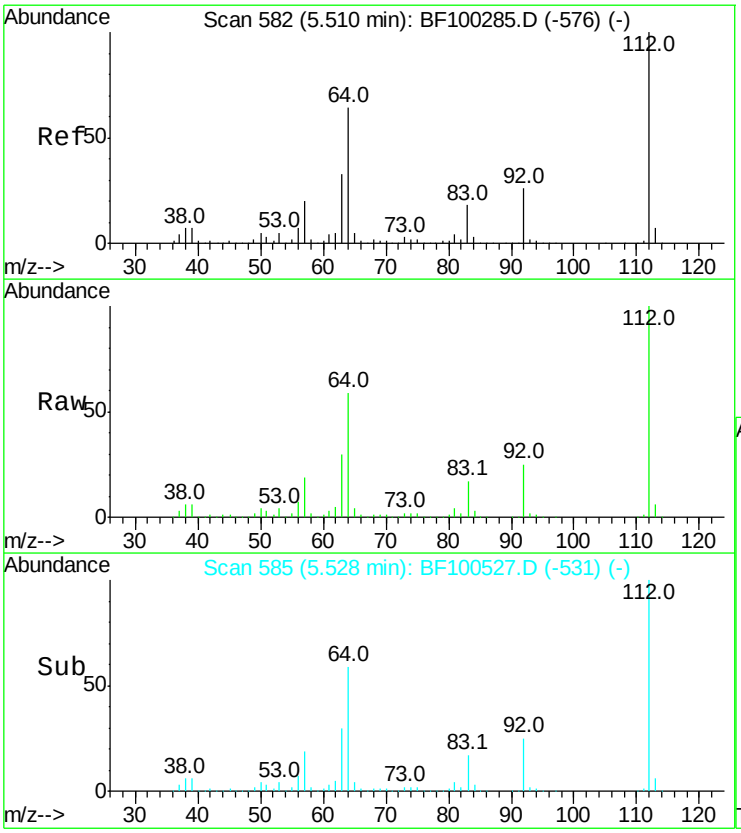
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 124575

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	58.9	50.1	75.1

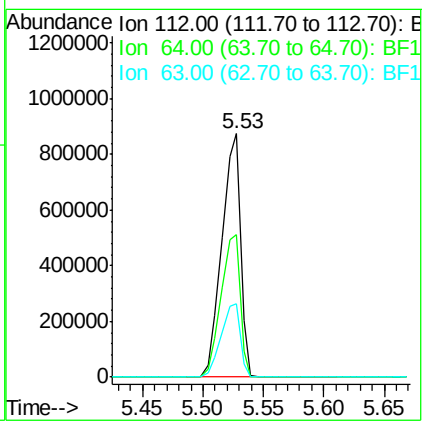


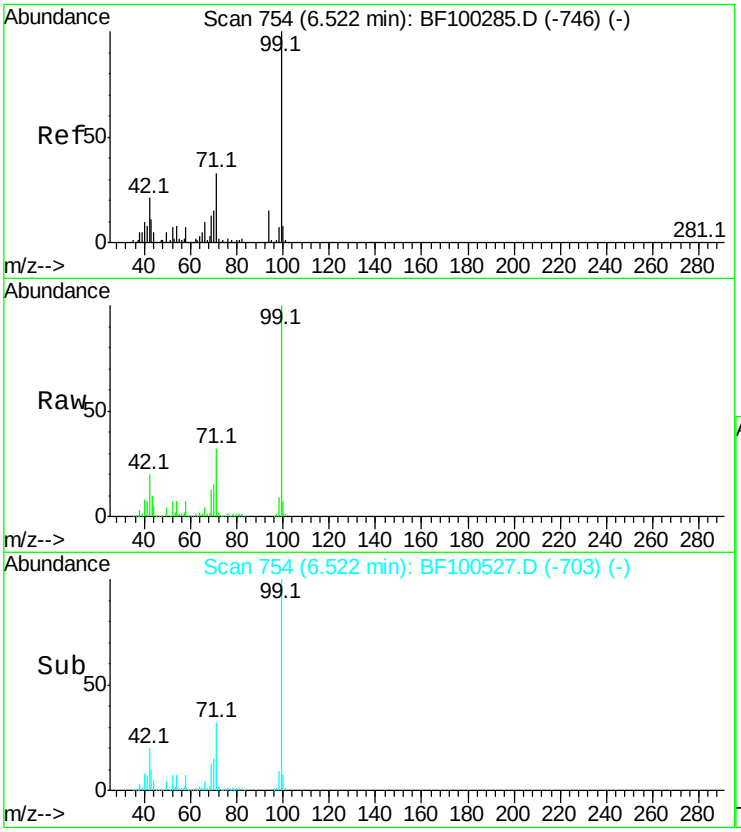


#5
2-Fluorophenol
Concen: 120.363 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:112 Resp: 935391

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	30.2	23.7	35.5



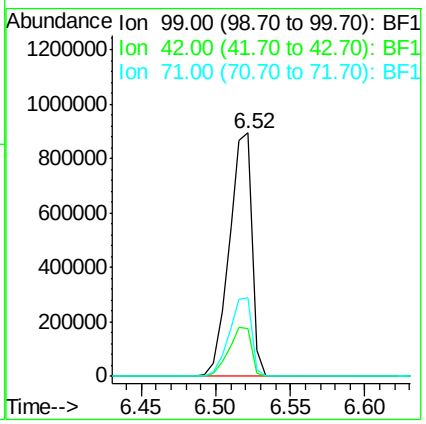


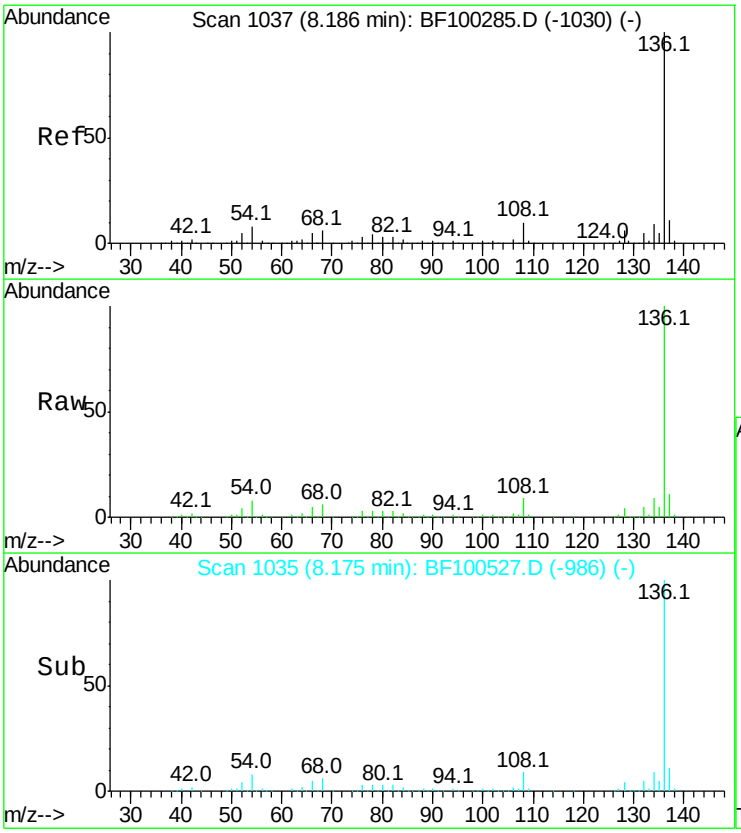
#7
Phenol-d6
Concen: 99.833 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 956717

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.2	25.4	38.0

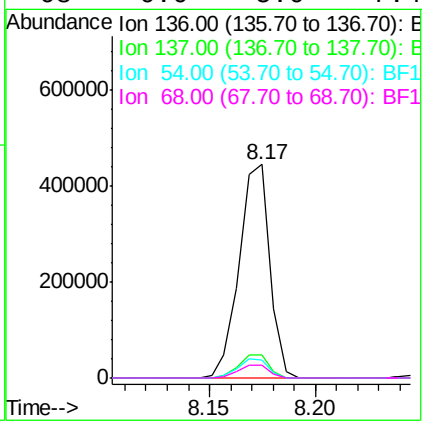


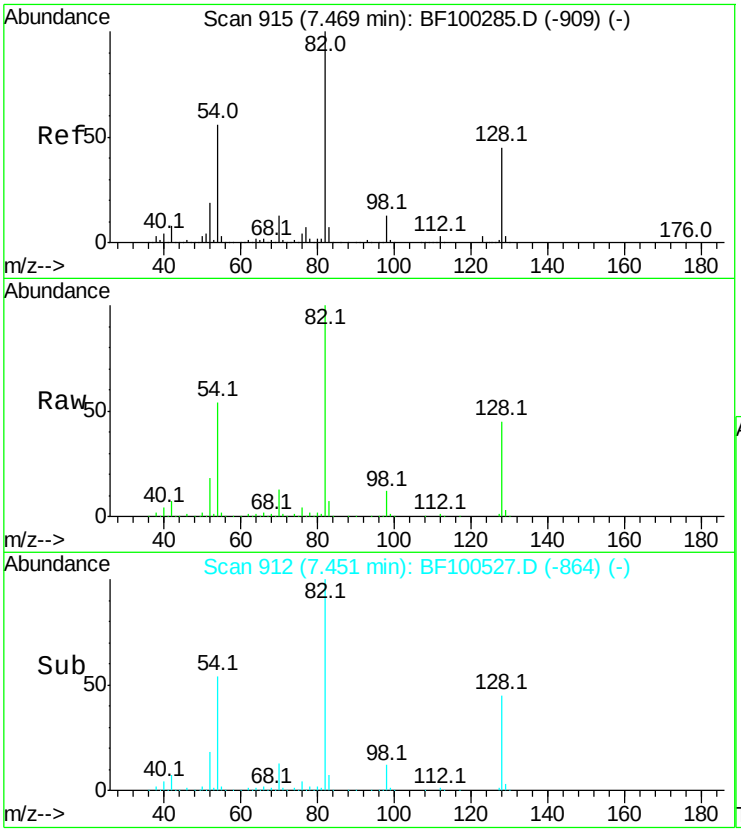


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:136 Resp: 446467

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4



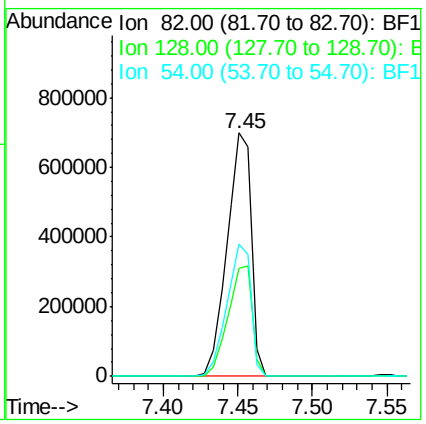


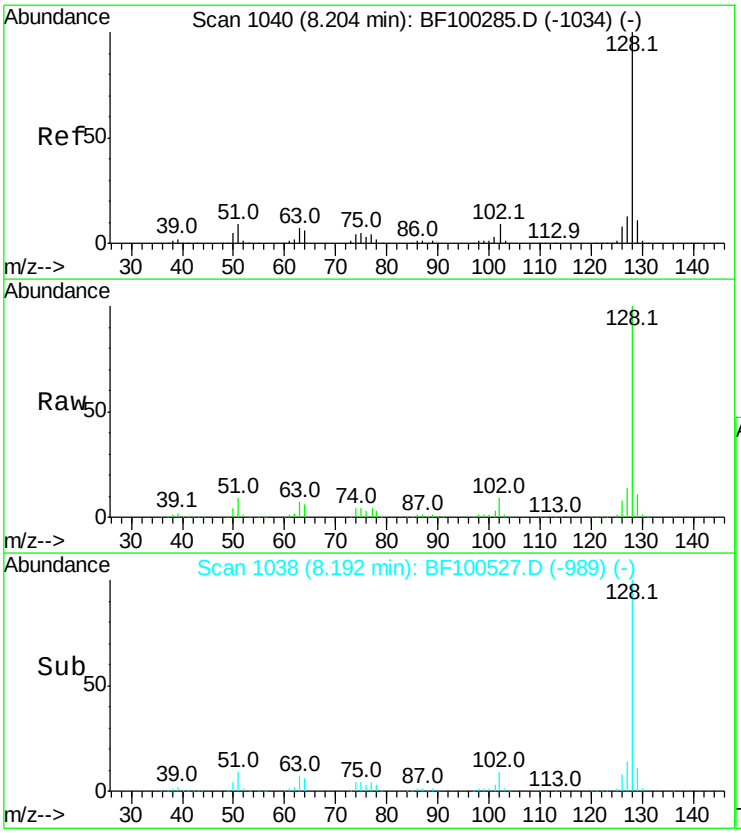
#23
Nitrobenzene-d5
Concen: 118.695 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 82 Resp: 801551

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.4	41.4	62.2

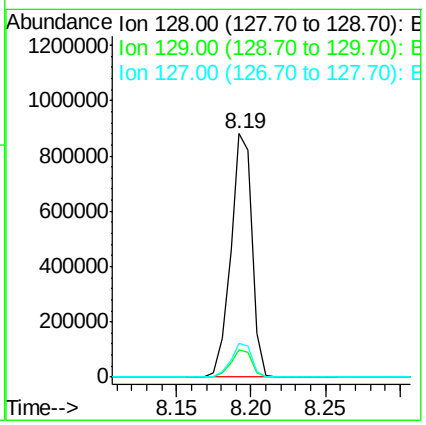


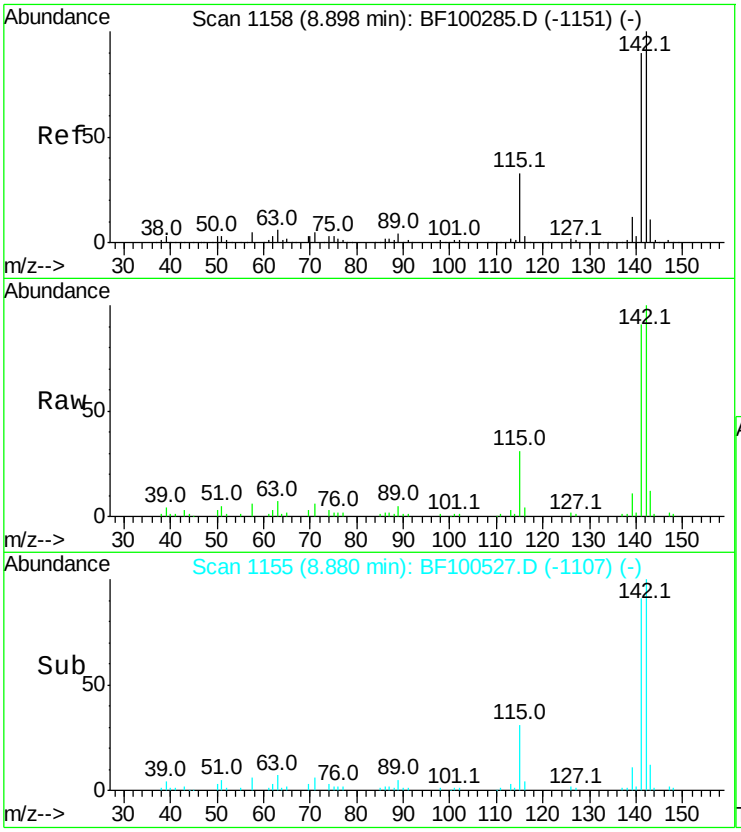


#31
Naphthalene
Concen: 40.894 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:128 Resp: 879388

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.0	10.9	16.3



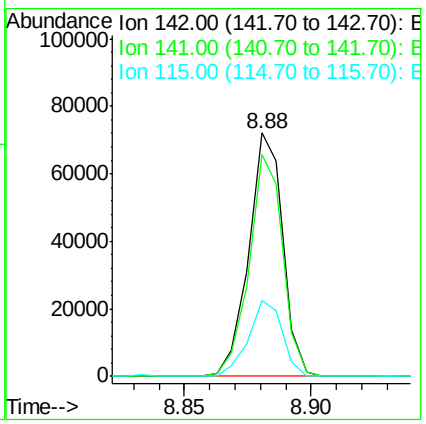


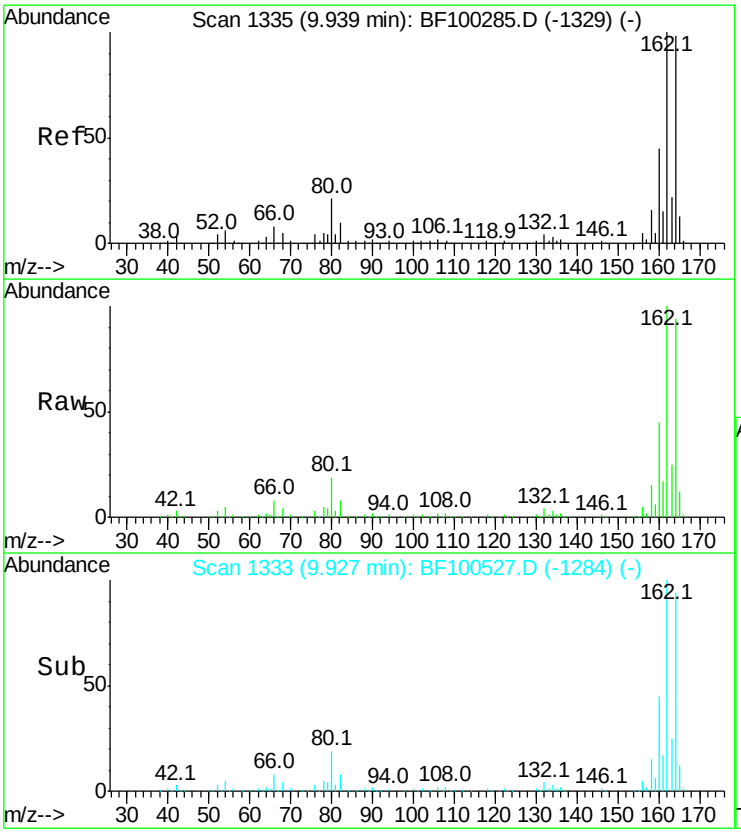
#37
2-Methylnaphthalene
Concen: 4.697 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:142 Resp: 67063

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	31.4	26.1	39.1

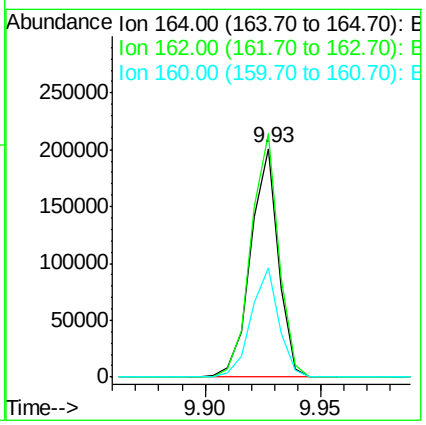


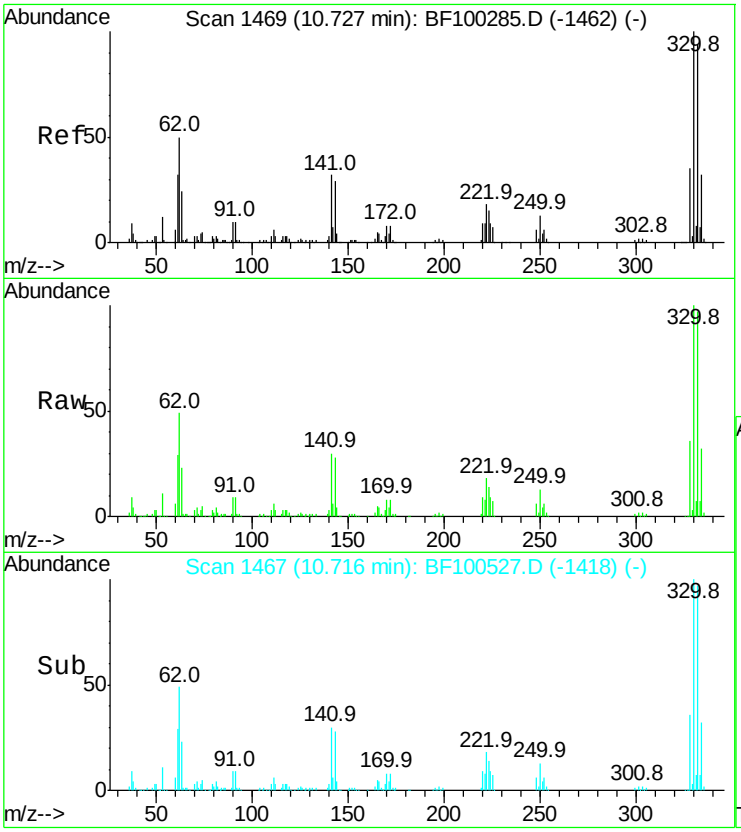


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:164 Resp: 168039

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	47.6	38.3	57.5



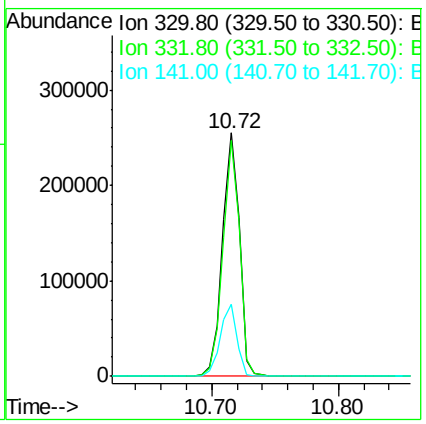


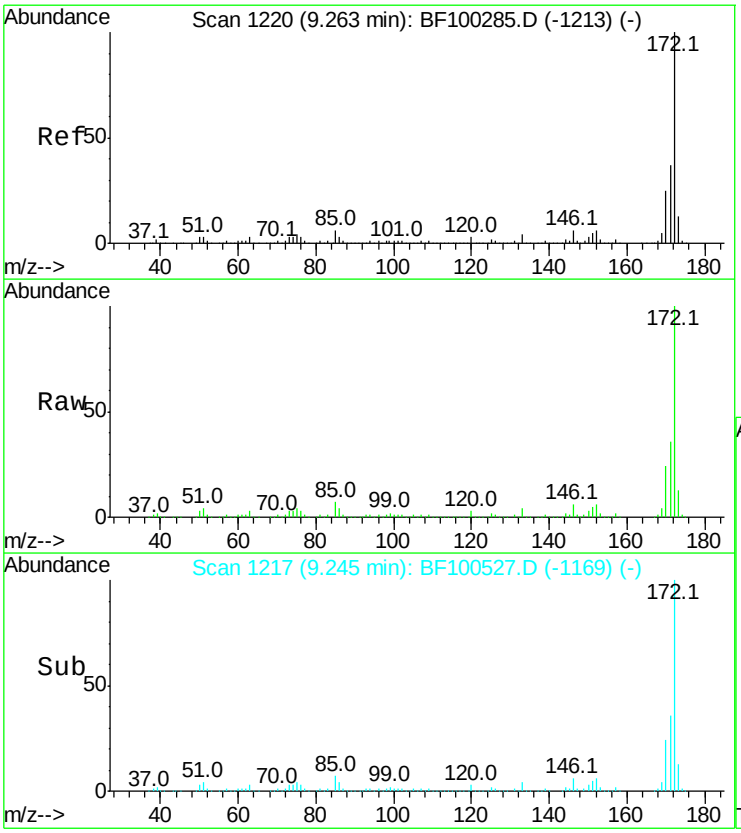
#41
2,4,6-Tribromophenol
Concen: 138.808 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:330 Resp: 237683

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	29.3	29.9	44.9#

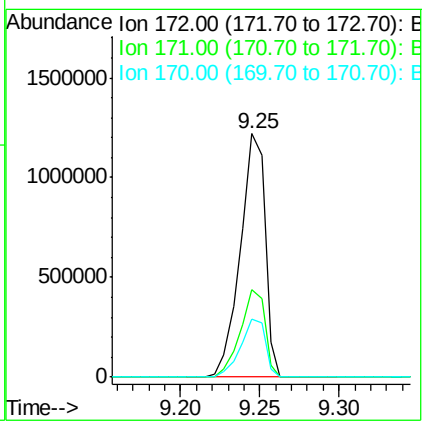


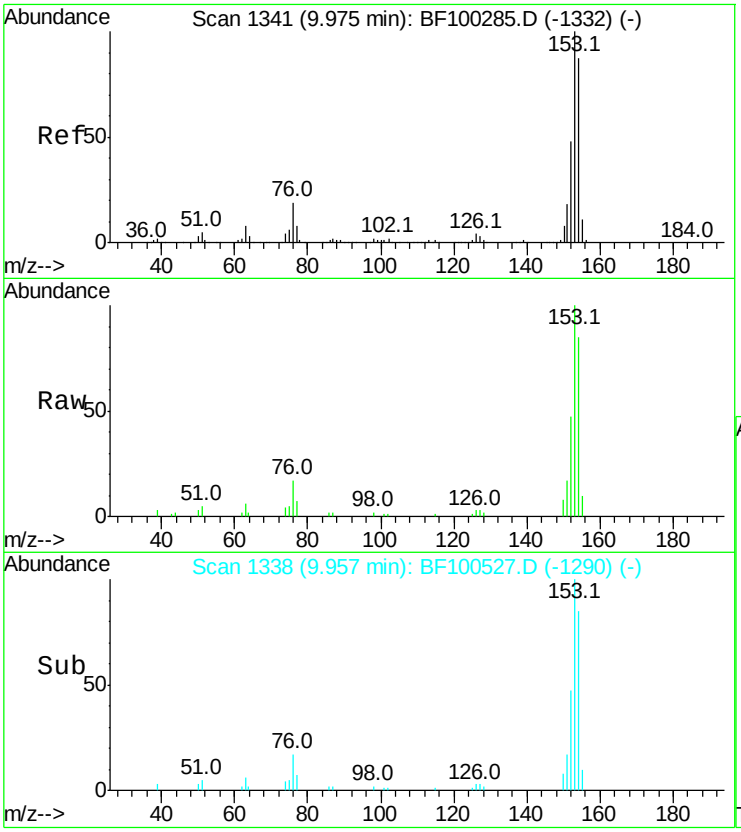


#44
2-Fluorobiphenyl
Concen: 119.532 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:172 Resp: 1319097

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4



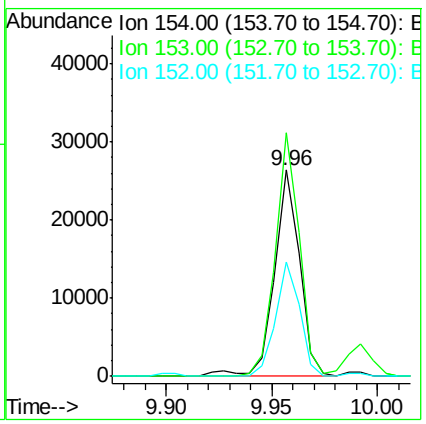


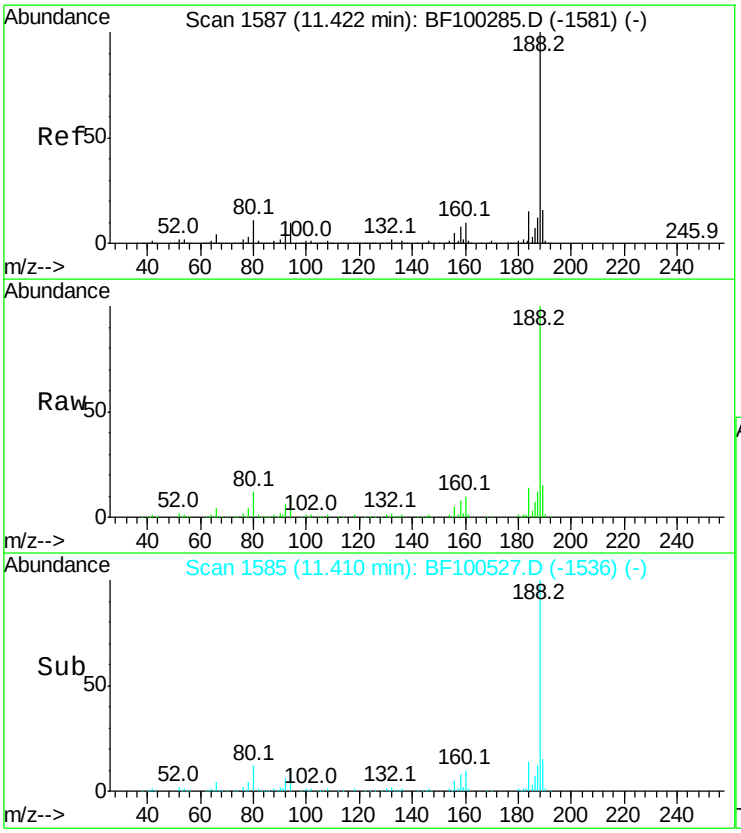
#51
Acenaphthene
Concen: 2.054 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:154 Resp: 21832

Ion	Ratio	Lower	Upper
154	100		
153	118.0	91.2	136.8
152	55.4	43.8	65.8

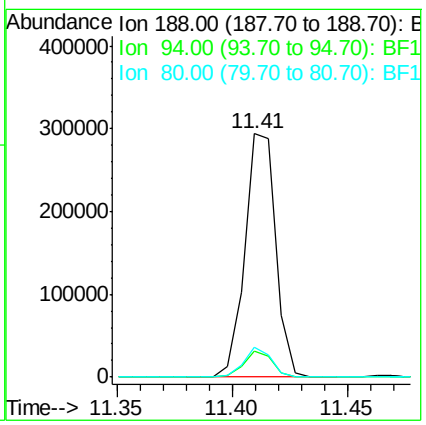


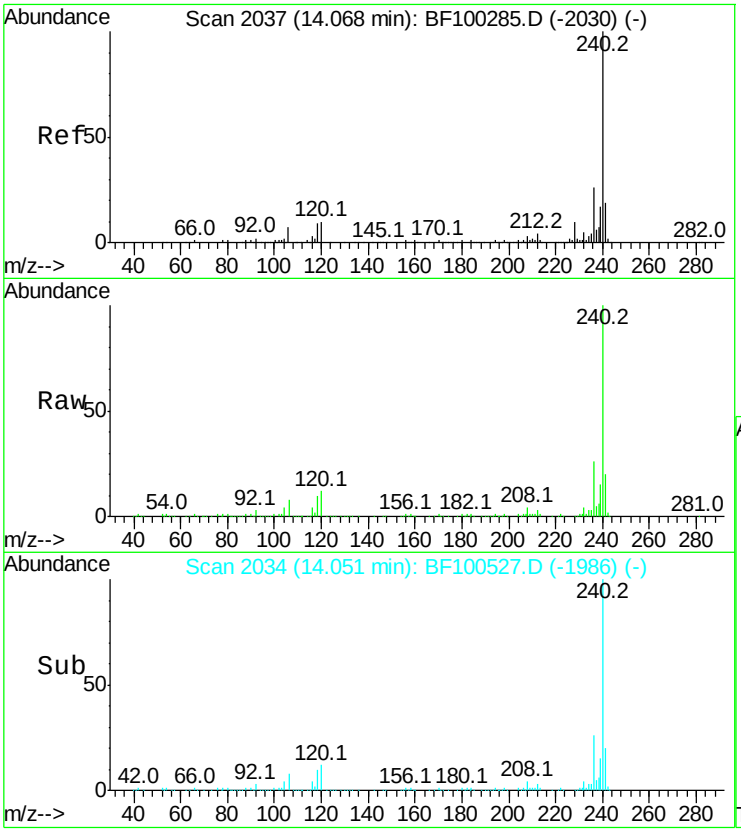


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:188 Resp: 276003

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	12.0	9.2	13.8



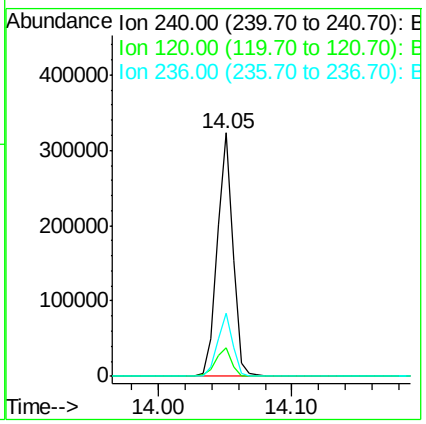


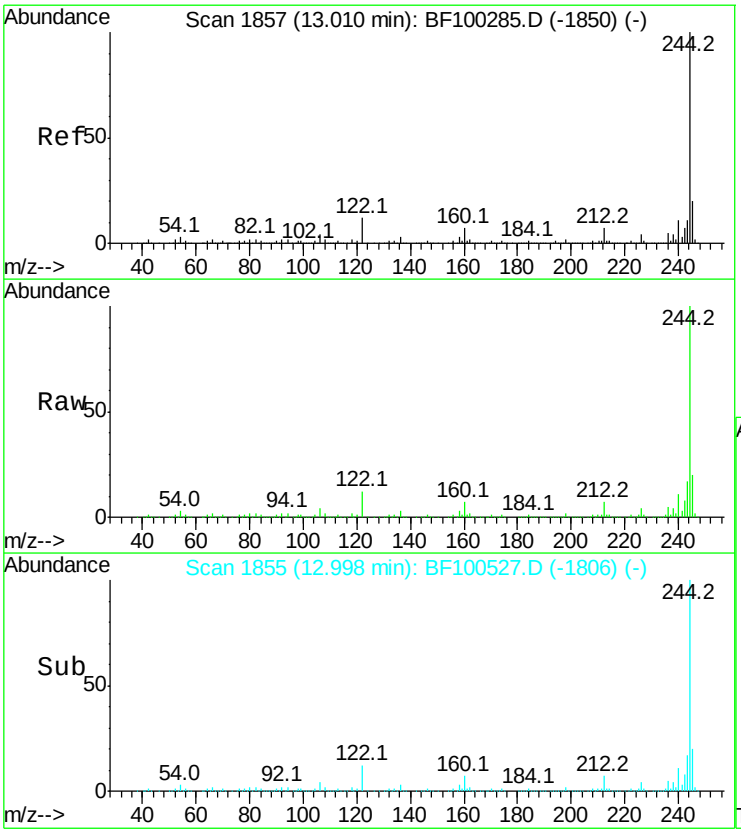
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:240 Resp: 267831

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.2	20.7	31.1

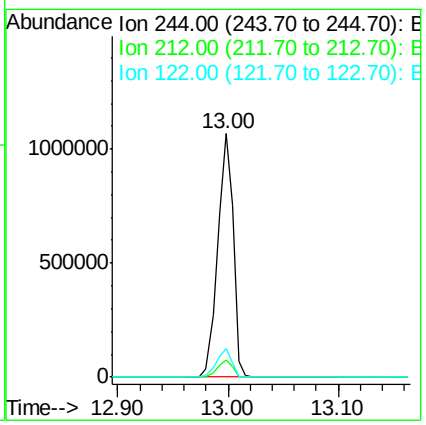


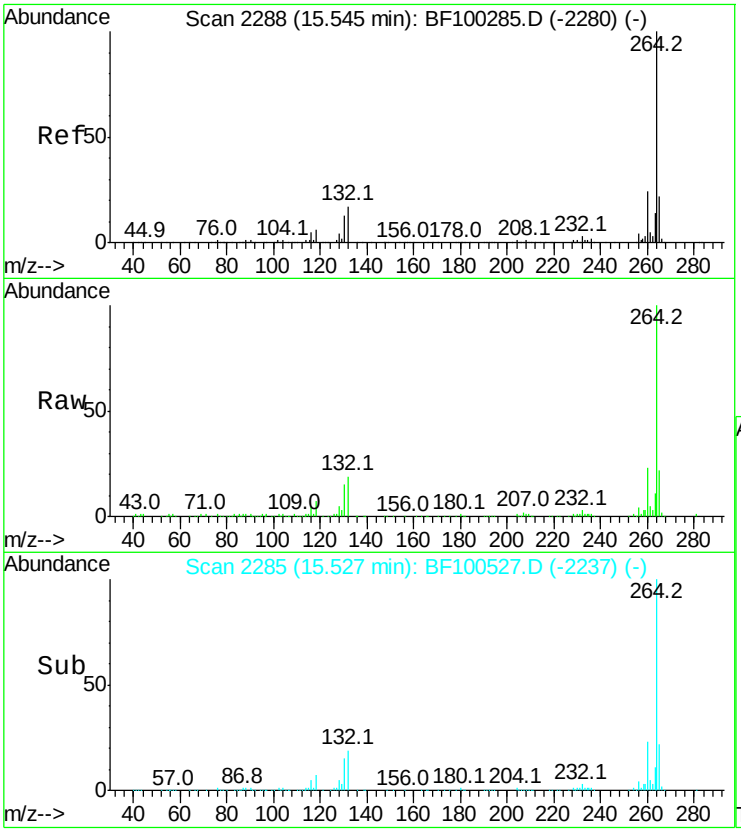


#78
Terphenyl-d14
Concen: 88.727 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:244 Resp: 1034245

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:264 Resp: 194027

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3