Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100834.D
Acq On : 22 Nov 2017 20:21
Operator : SJ/JU
Sample : I6043-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-T0A-BAJA-S001-0001-01

Quant Time: Nov 24 03:06:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83660	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	333162	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	164841	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	321628	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	199458	20.00	ng	-0.02
86) Perylene-d12	15.49	264	175096	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	506025	96.96	ng	-0.01
7) Phenol-d6	6.49	99	626321	97.32	ng	-0.02
23) Nitrobenzene-d5	7.42	82	391092	77.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	186304	110.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	733676	67.77	ng	-0.02
78) Terphenyl-d14	12.97	244	711773	81.99	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.50	94	24709	3.657	ng	90
49) Dimethylphthalate	9.61	163	94299	7.492	ng	99

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

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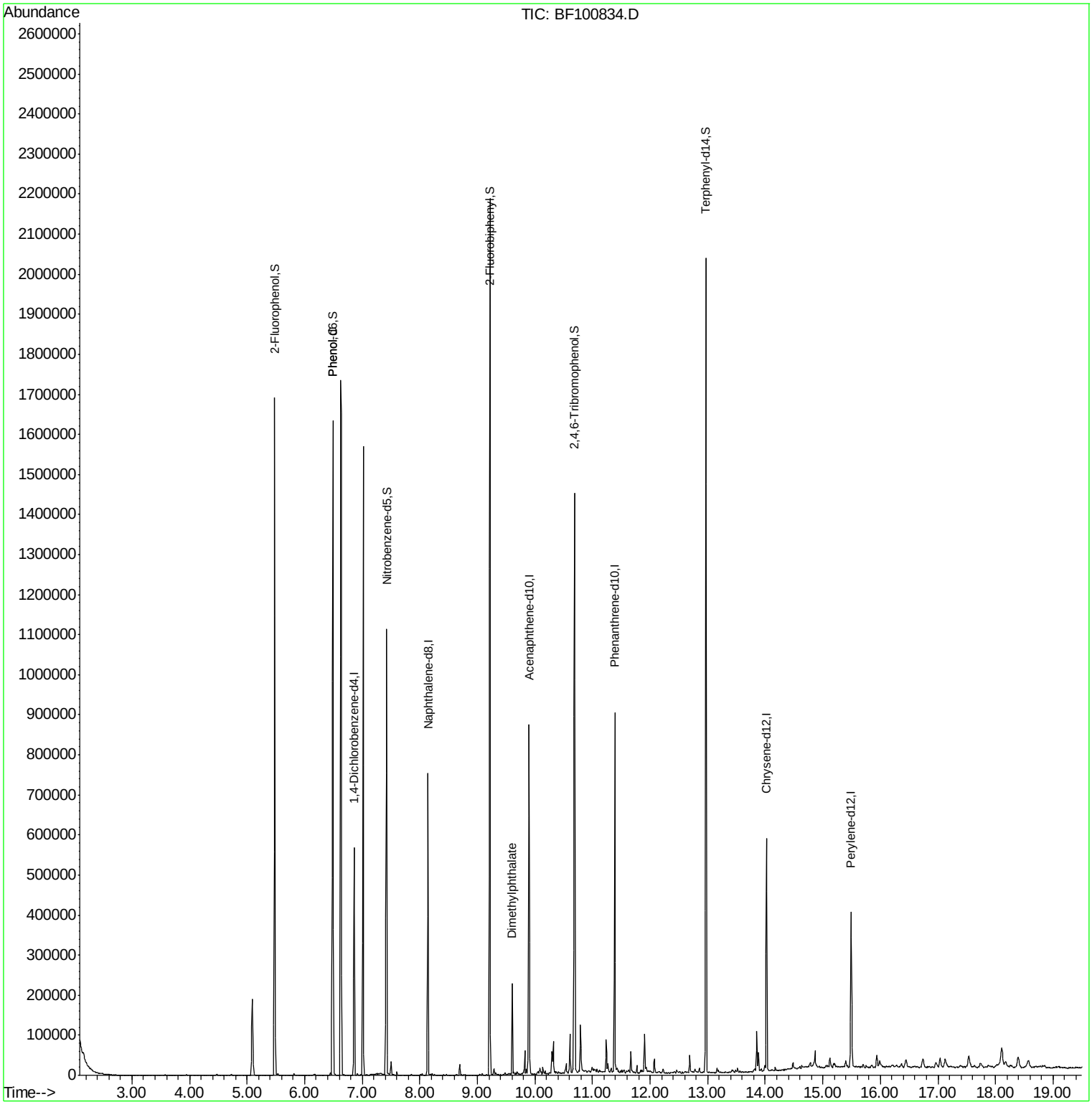
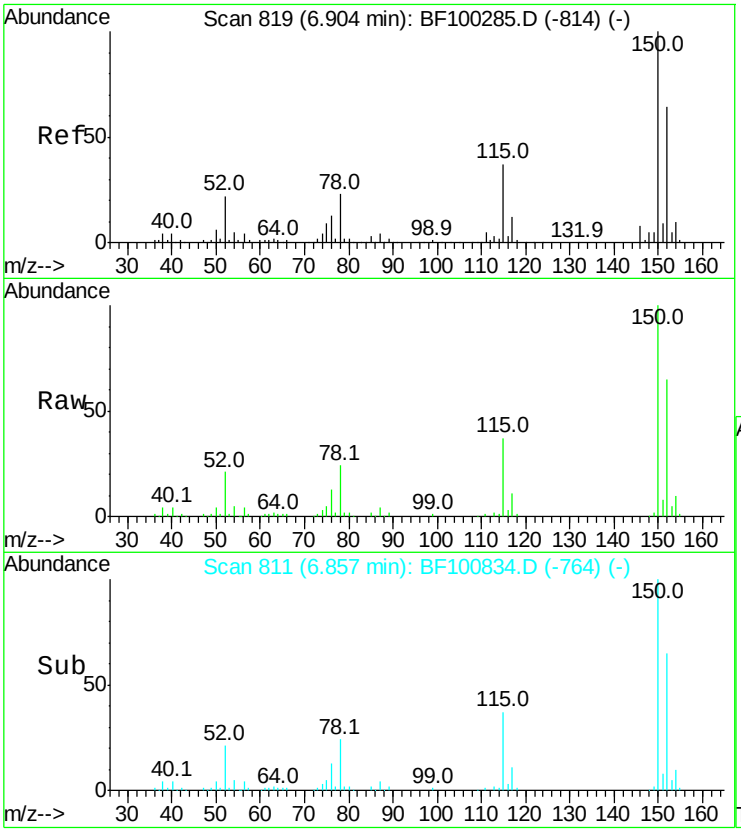


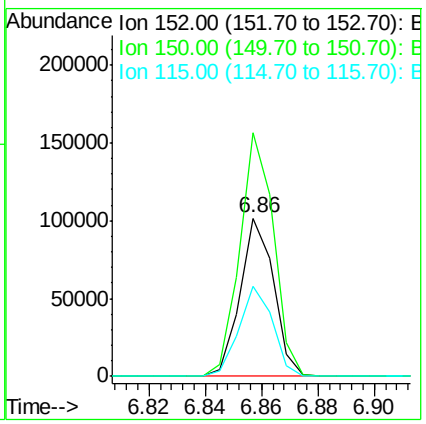


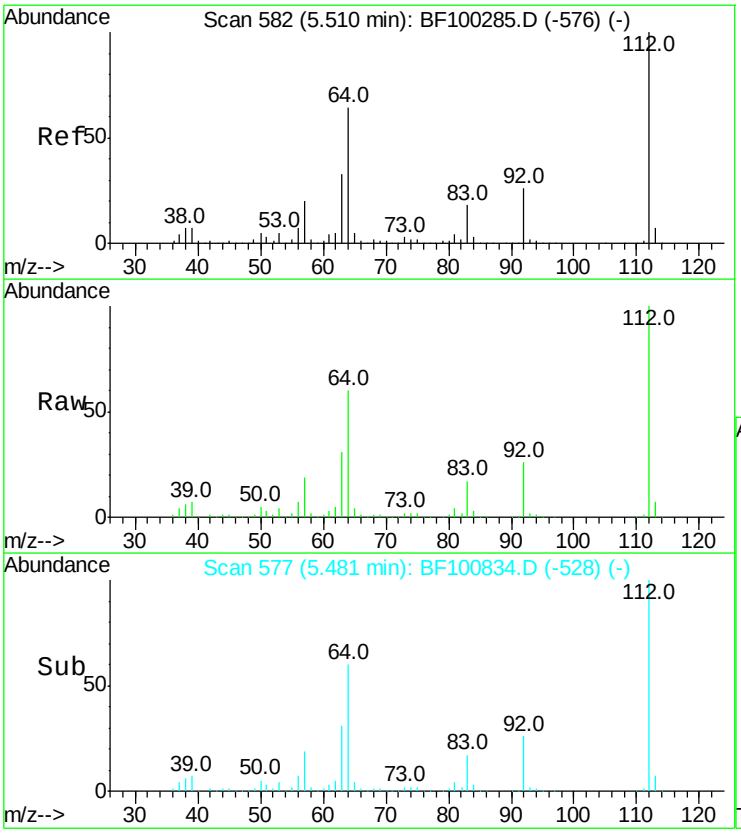
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01

Tgt Ion:152 Resp: 83660

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	57.1	50.1	75.1

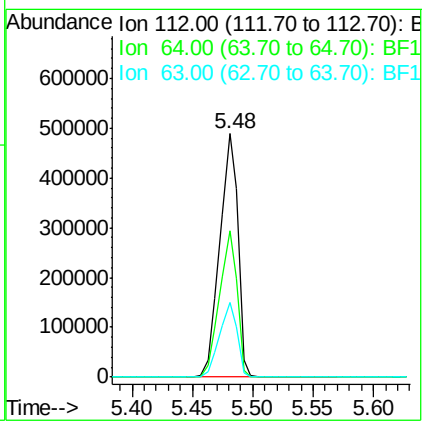


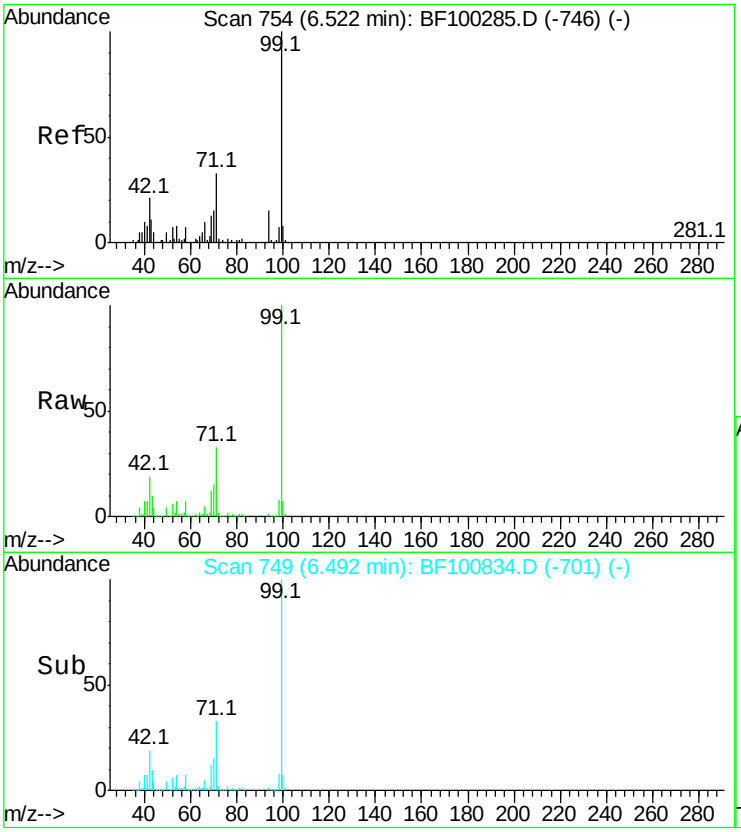


#5
2-Fluorophenol
Concen: 96.958 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:112 Resp: 506025

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.6	23.7	35.5



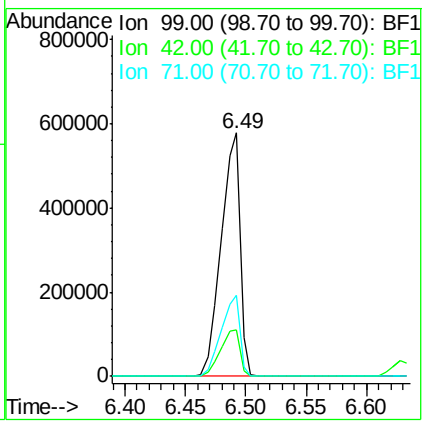


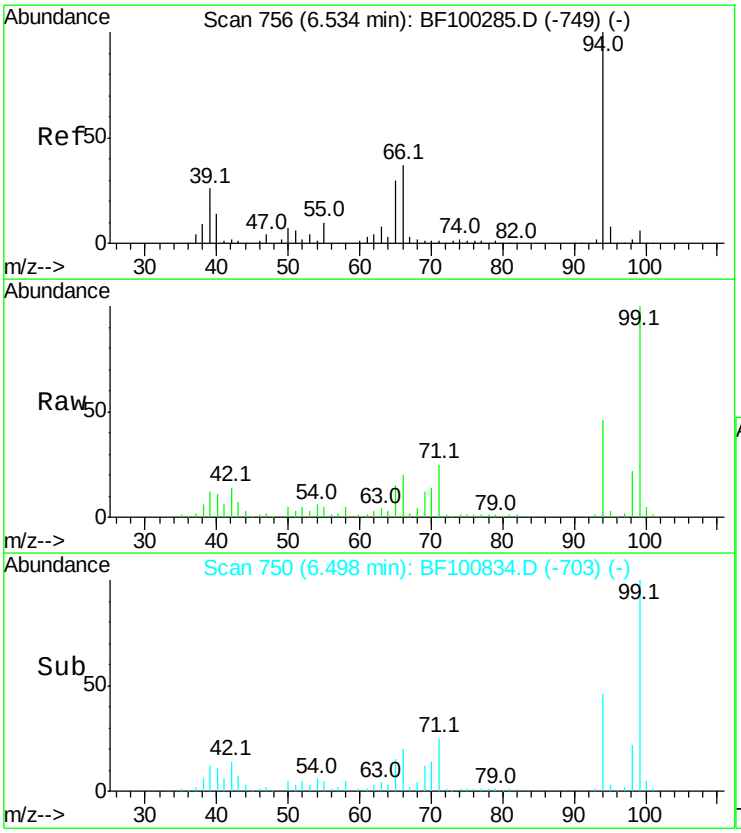
#7
Phenol-d6
Concen: 97.319 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01

Tgt Ion: 99 Resp: 626321

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.1	25.4	38.0

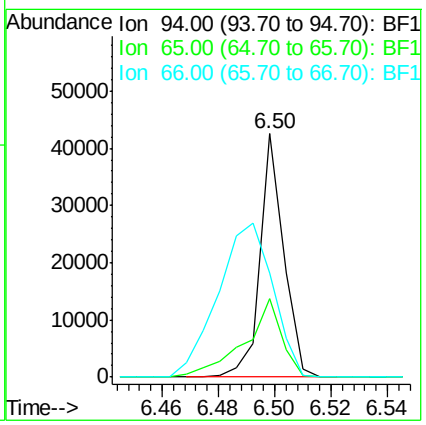


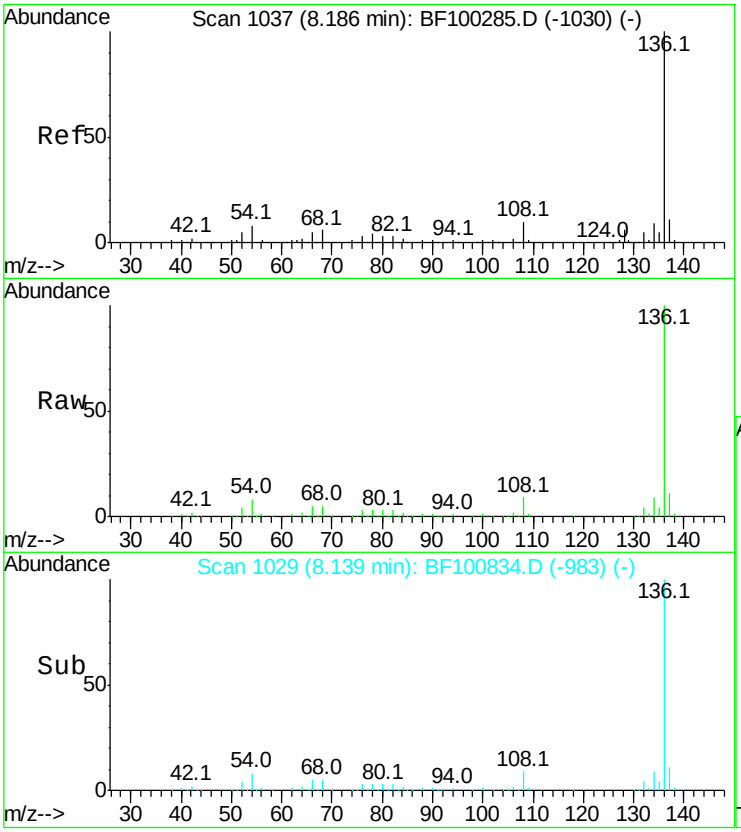


#10
Phenol
Concen: 3.657 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion: 94 Resp: 24709

Ion	Ratio	Lower	Upper
94	100		
65	32.2	7.9	47.9
66	42.6	16.2	56.2



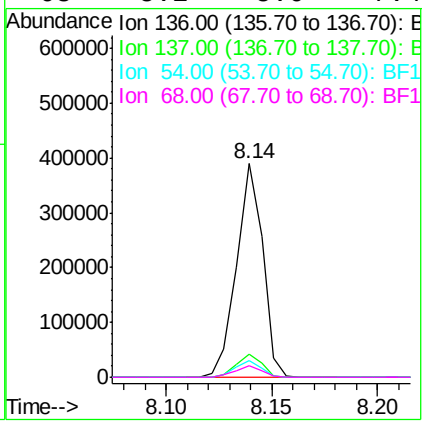


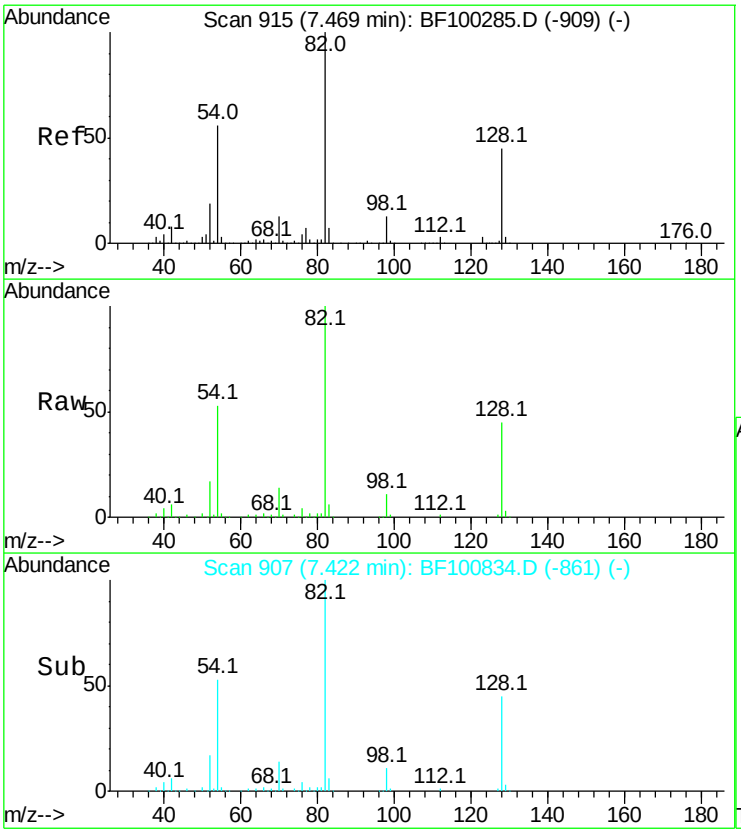
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01

Tgt Ion:136 Resp: 333162

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	5.2	5.0	7.4

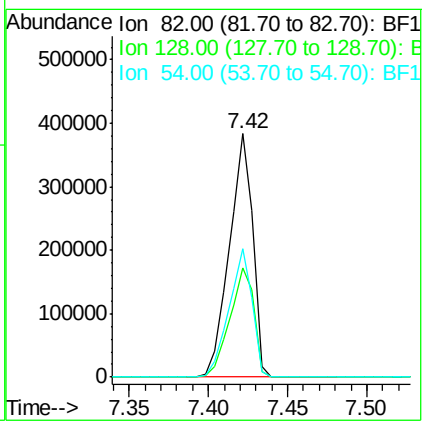


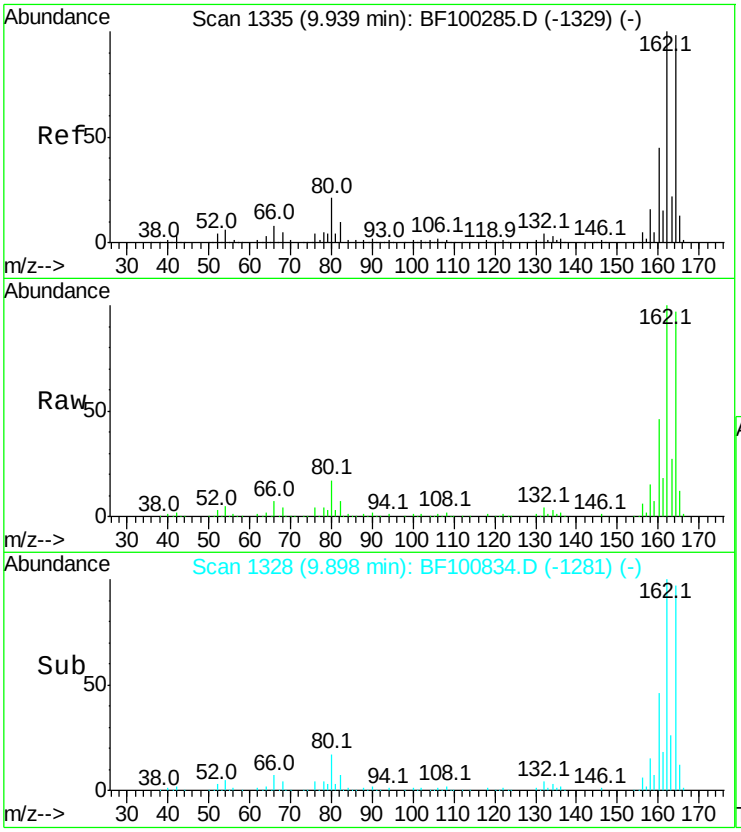


#23
Nitrobenzene-d5
Concen: 77.609 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion: 82 Resp: 391092

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	52.7	41.4	62.2



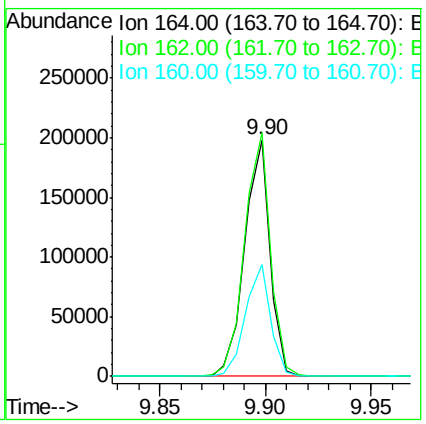


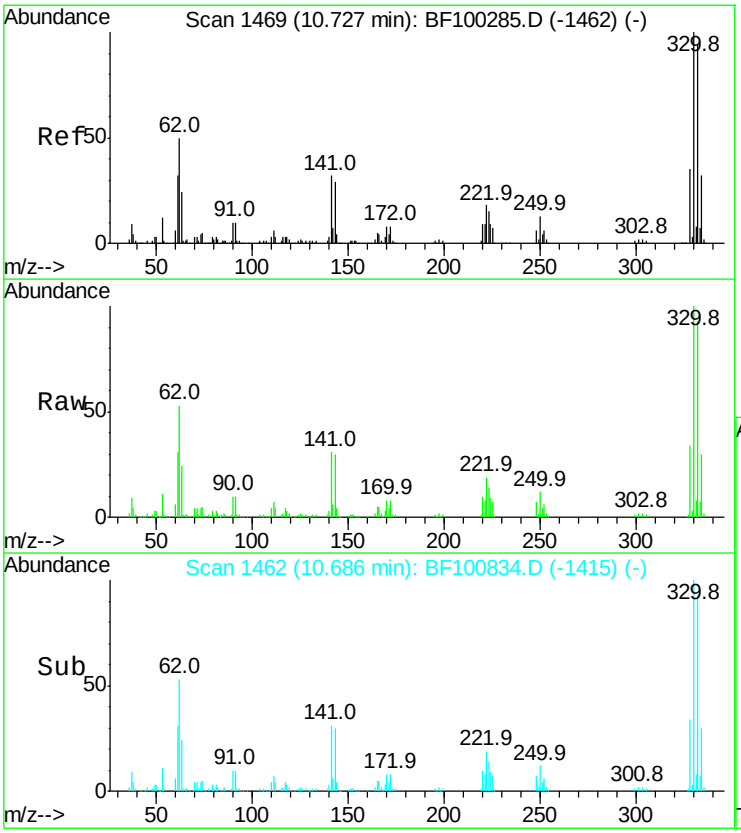
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01

Tgt Ion:164 Resp: 164841

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.3	38.3	57.5

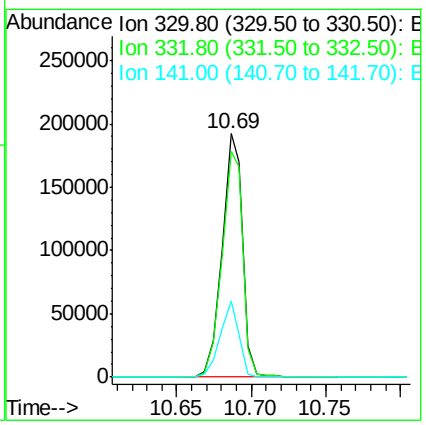


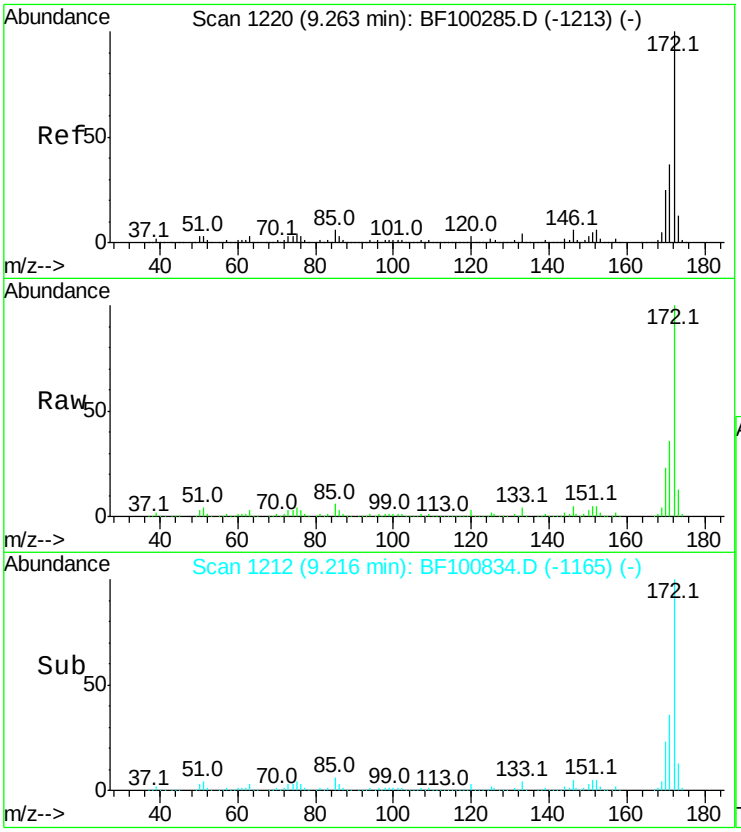


#41
2,4,6-Tribromophenol
Concen: 110.913 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:330 Resp: 186304

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	28.7	29.9	44.9#



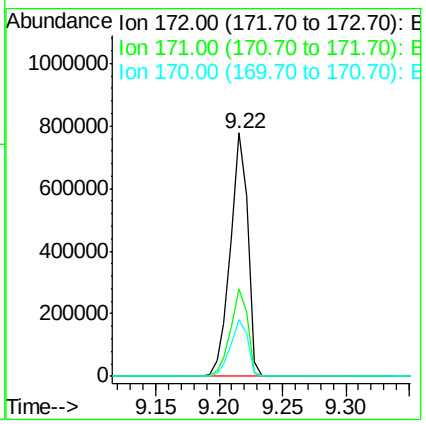


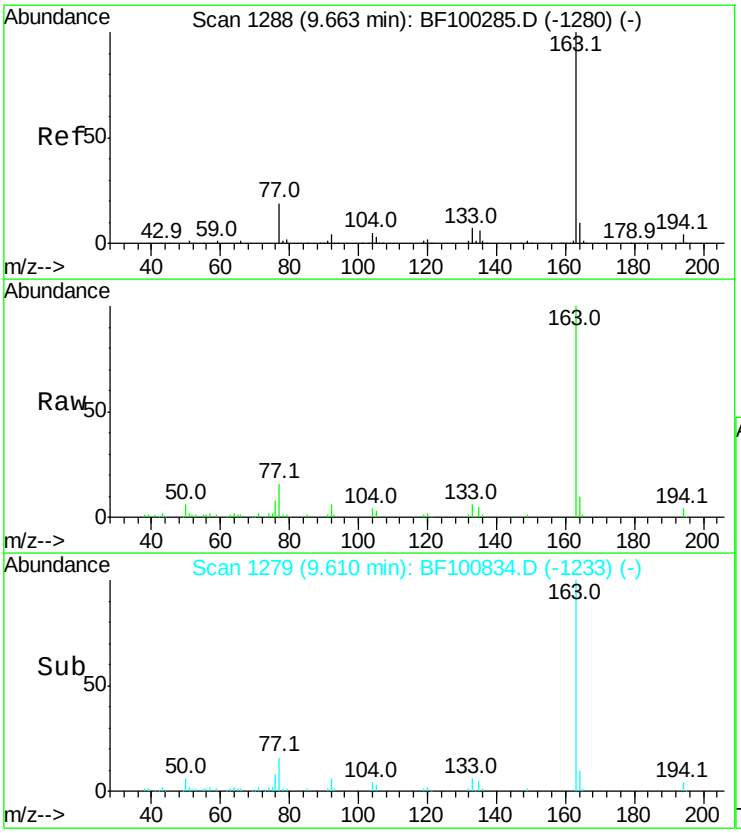
#44
2-Fluorobiphenyl
Concen: 67.773 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01

Tgt Ion:172 Resp: 733676

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.2	19.6	29.4

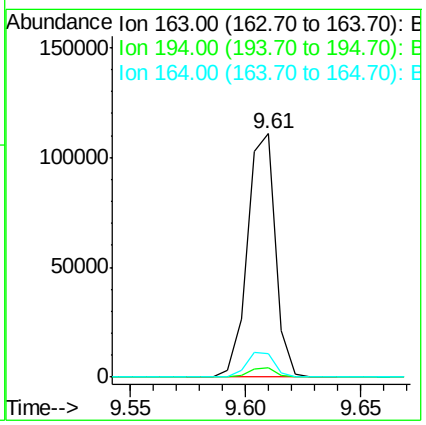


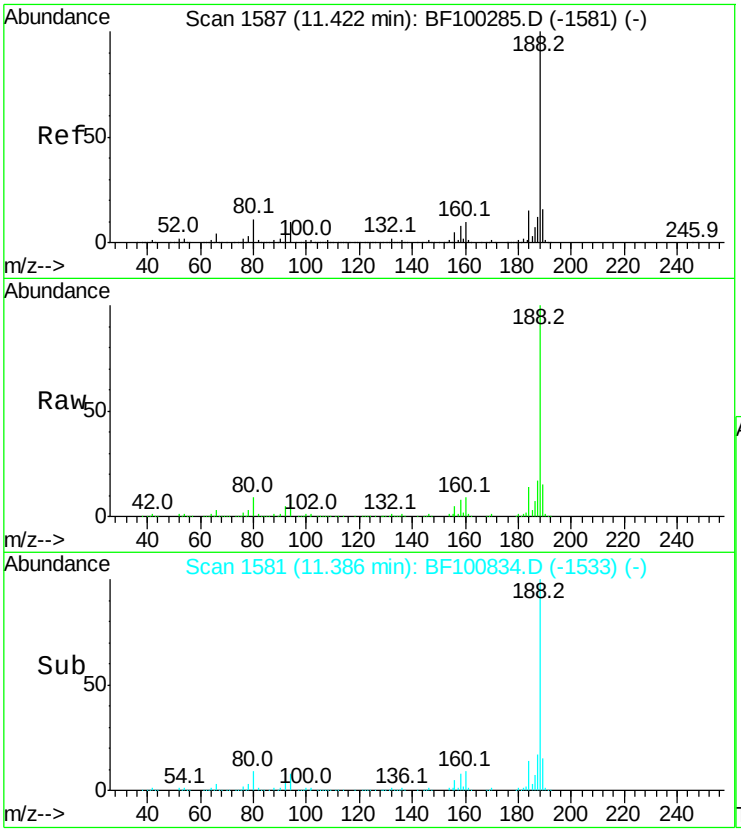


#49
Dimethylphthalate
Concen: 7.492 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:163 Resp: 94299

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2



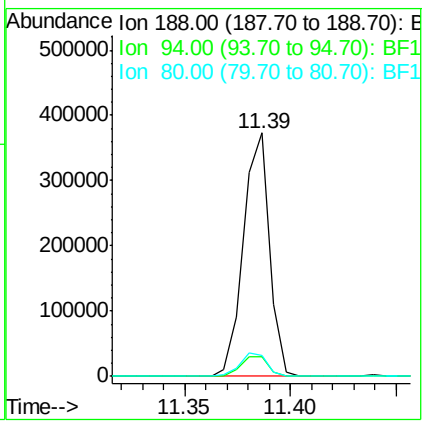


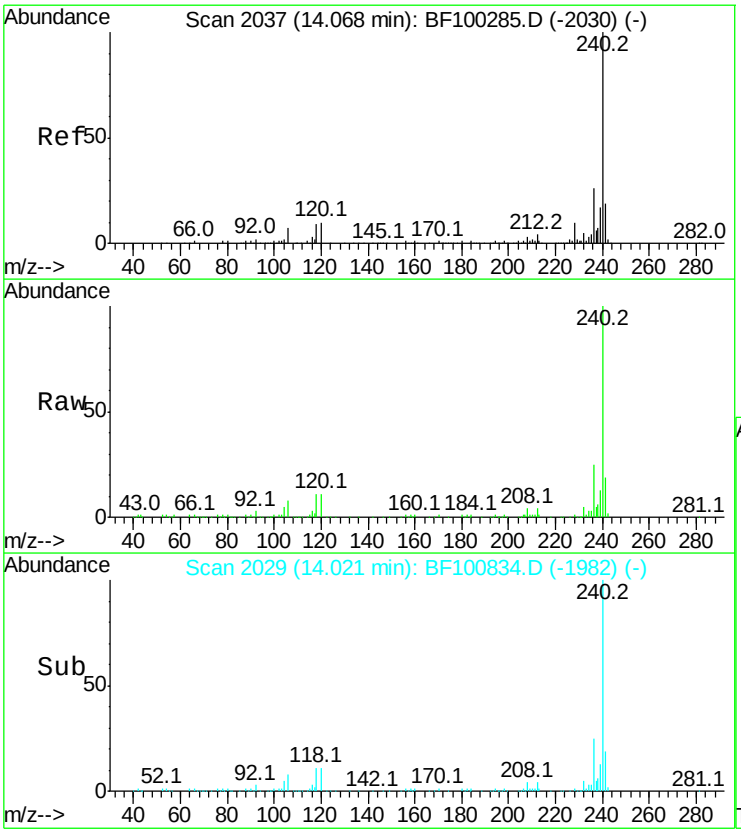
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01

Tgt Ion:188 Resp: 321628

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#

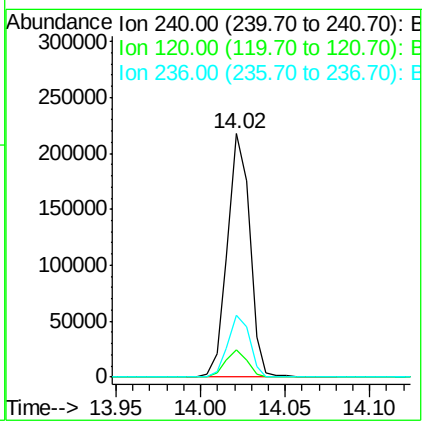


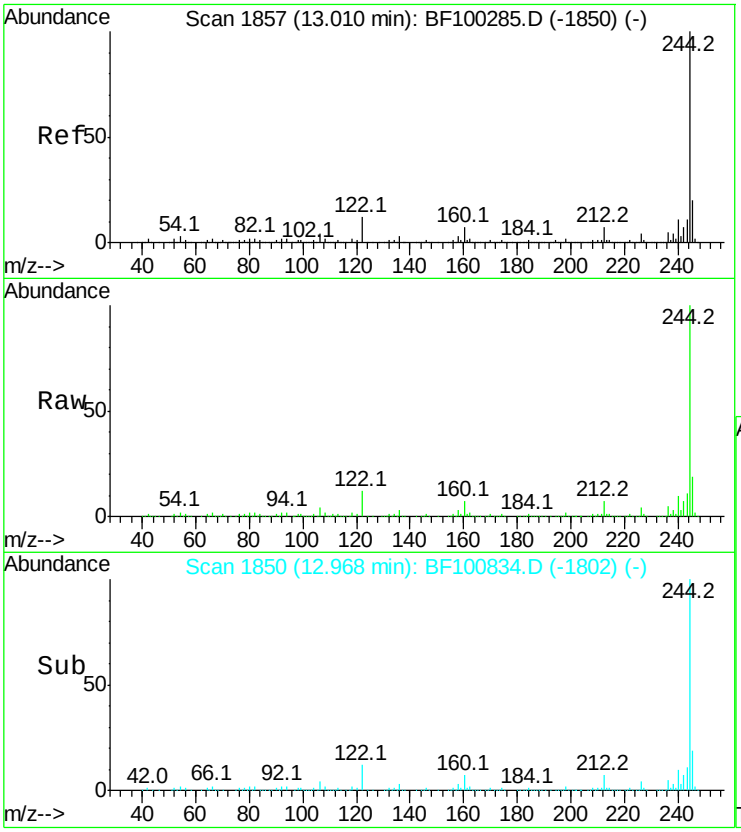


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:240 Resp: 199458

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.3	20.7	31.1



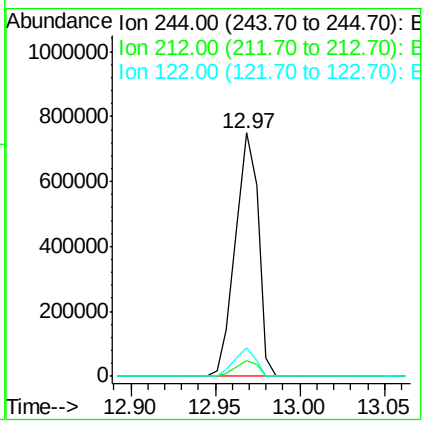


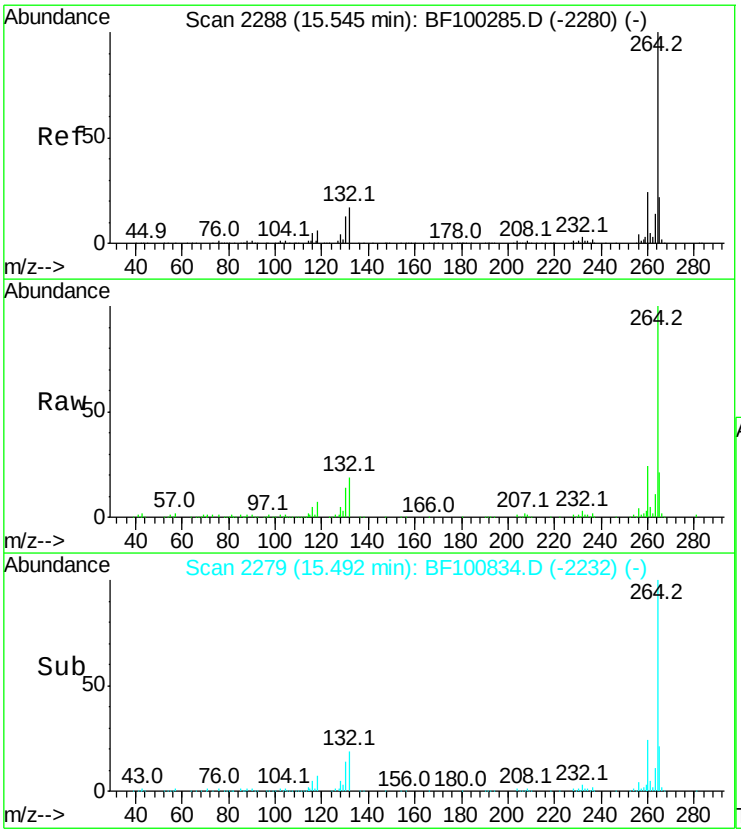
#78
Terphenyl-d14
Concen: 81.995 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01

Tgt Ion:244 Resp: 711773

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:264 Resp: 175096

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3