Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098803.D
Acq On : 26 Sep 2017 00:52
Operator : SJ/JU
Sample : I5391-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

Quant Time: Sep 26 08:01:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150918	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	644865	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	304029	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	524484	20.00	ng	0.00
75) Chrysene-d12	14.07	240	321849	20.00	ng	-0.01
86) Perylene-d12	15.56	264	272695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1145942	120.88	ng	0.00
7) Phenol-d6	6.54	99	1396016	119.37	ng	0.00
23) Nitrobenzene-d5	7.47	82	844464	83.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	271939	109.31	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1527978	83.90	ng	-0.01
78) Terphenyl-d14	13.02	244	1292706	91.34	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.55	94	39163	2.994	ng	93
49) Dimethylphthalate	9.66	163	155963	6.797	ng	100

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

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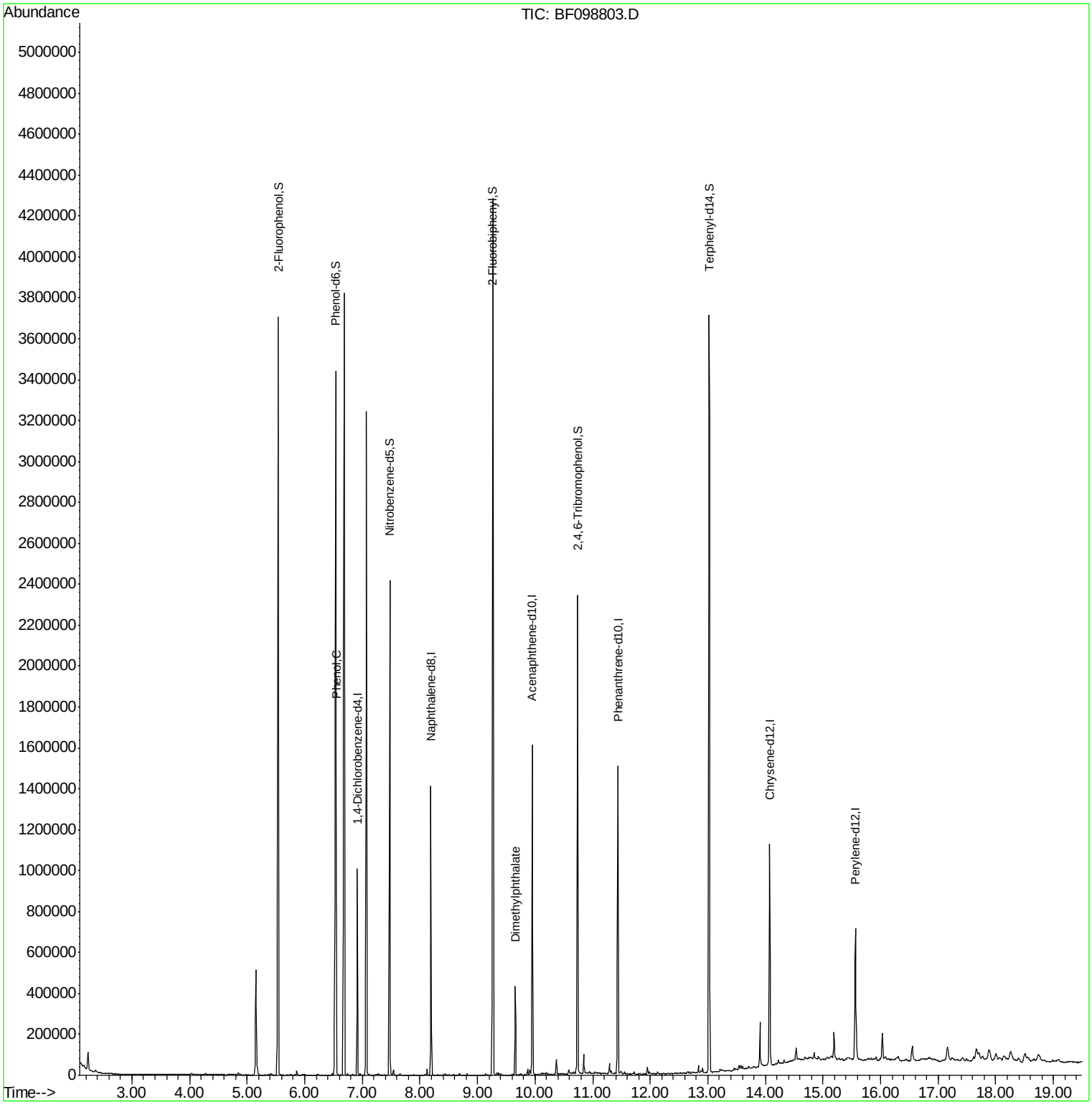
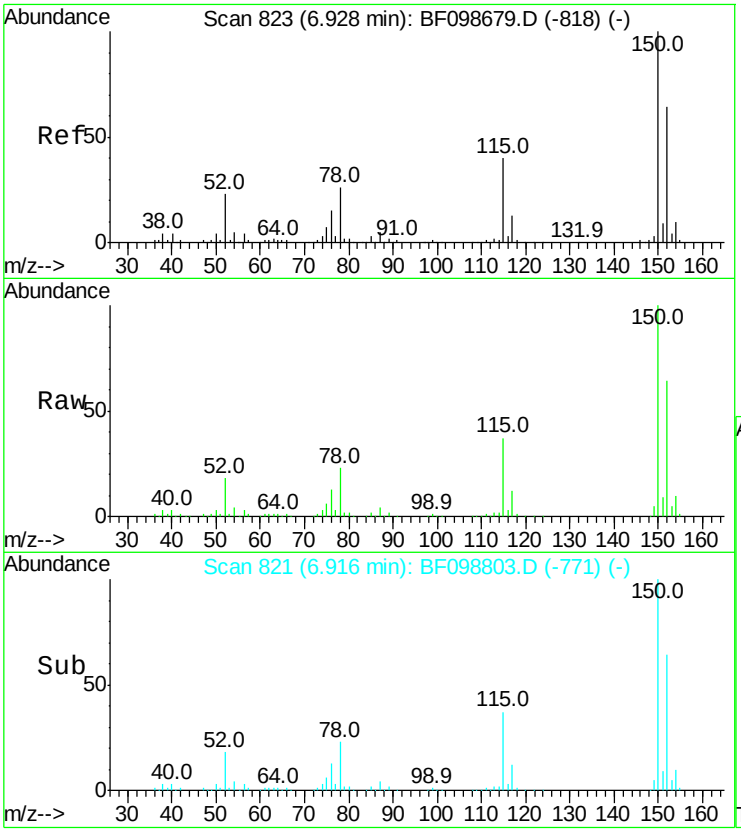


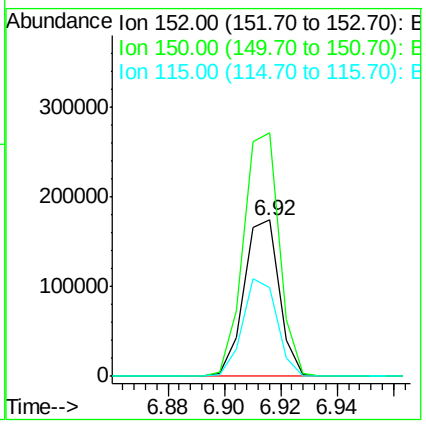


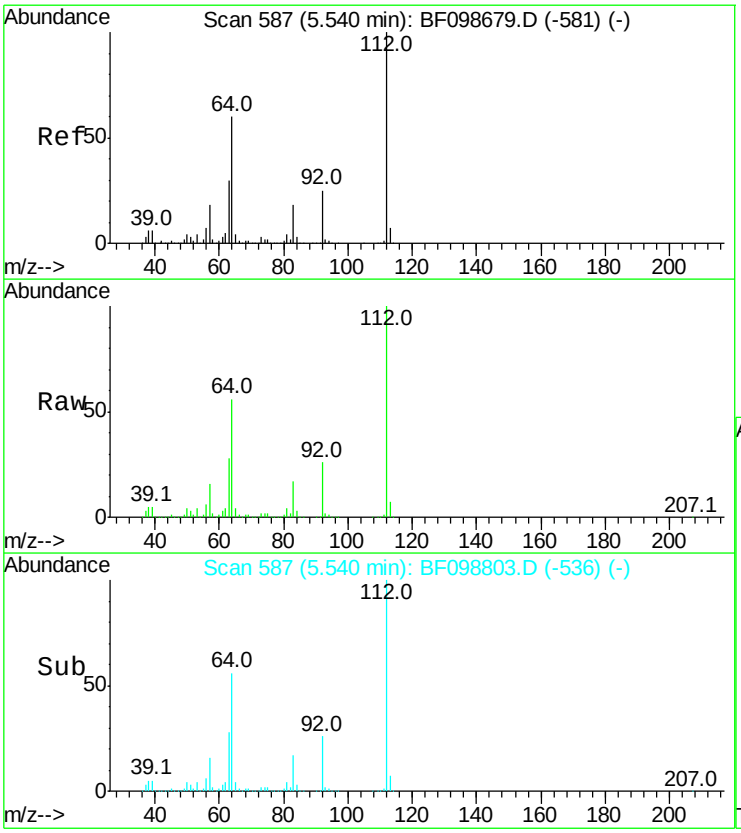
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tgt Ion:152 Resp: 150918

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	56.9	50.1	75.1

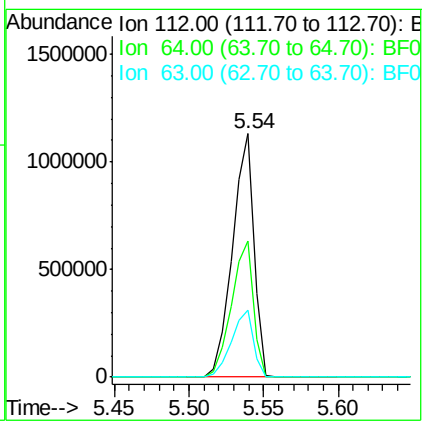


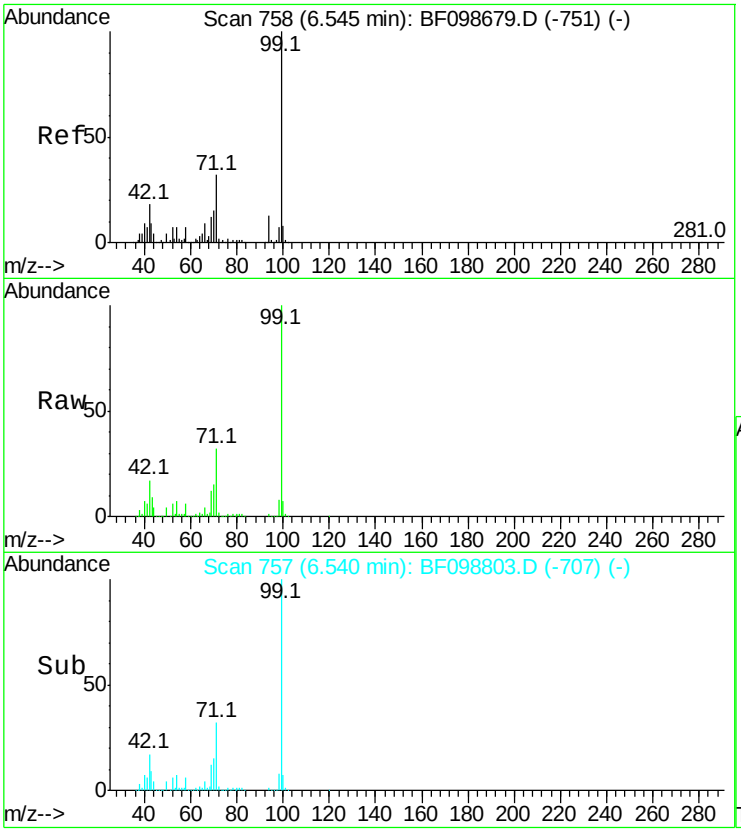


#5
2-Fluorophenol
Concen: 120.875 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion:112 Resp: 1145942

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	27.7	23.7	35.5



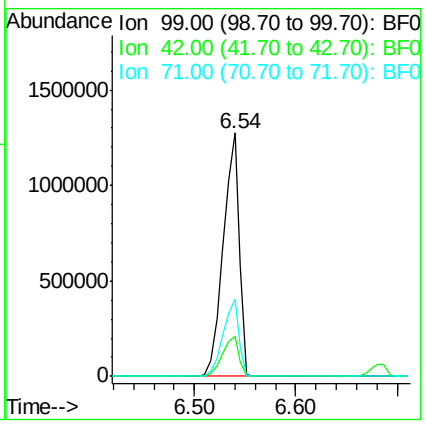


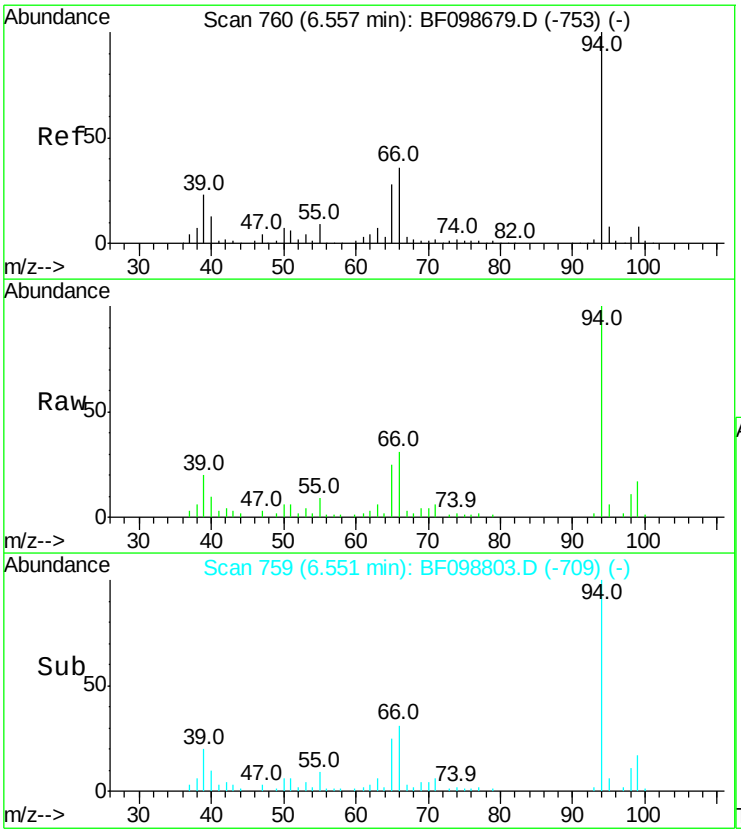
#7
Phenol-d6
Concen: 119.368 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tgt Ion: 99 Resp: 1396016

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	31.7	25.4	38.0

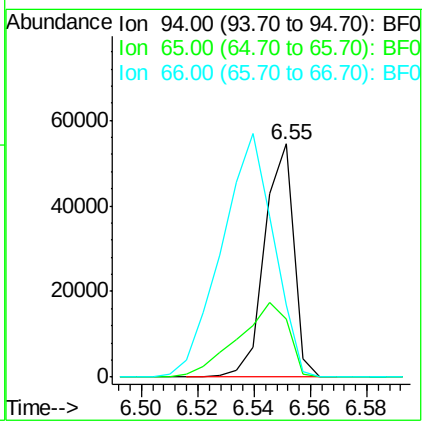


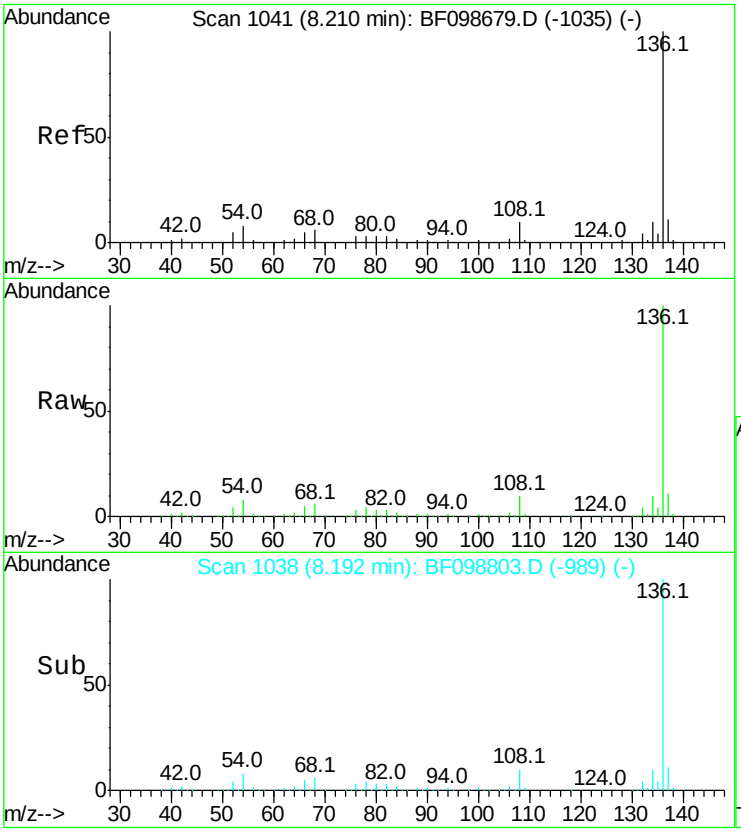


#10
Phenol
Concen: 2.994 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion: 94 Resp: 39163

Ion	Ratio	Lower	Upper
94	100		
65	25.1	7.9	47.9
66	30.8	16.2	56.2



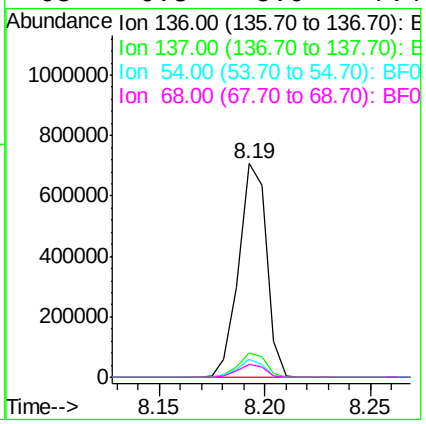


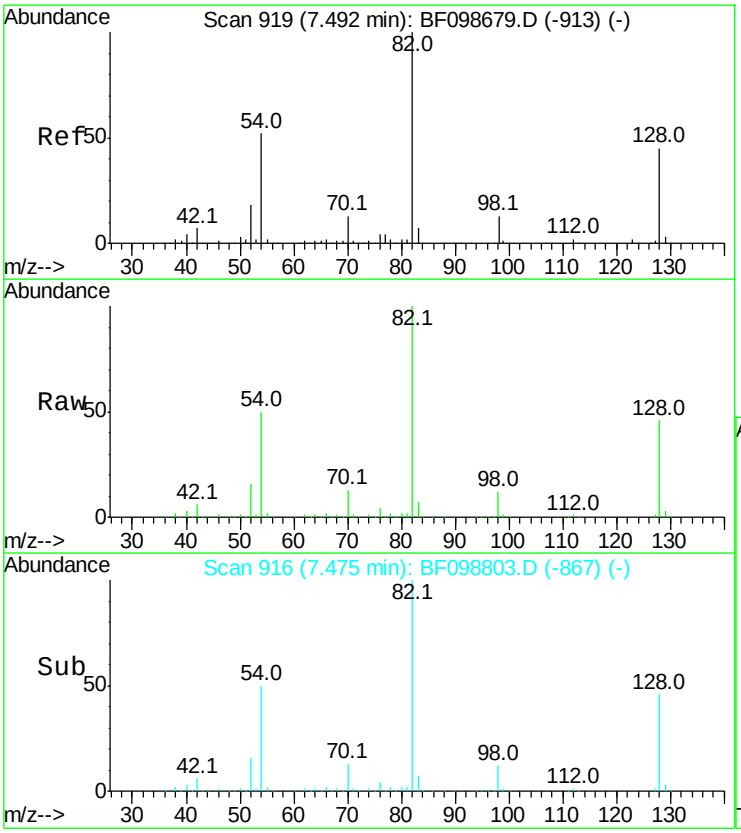
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tgt Ion:136 Resp: 644865

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4

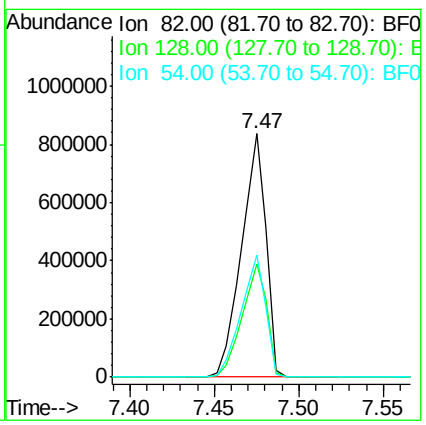


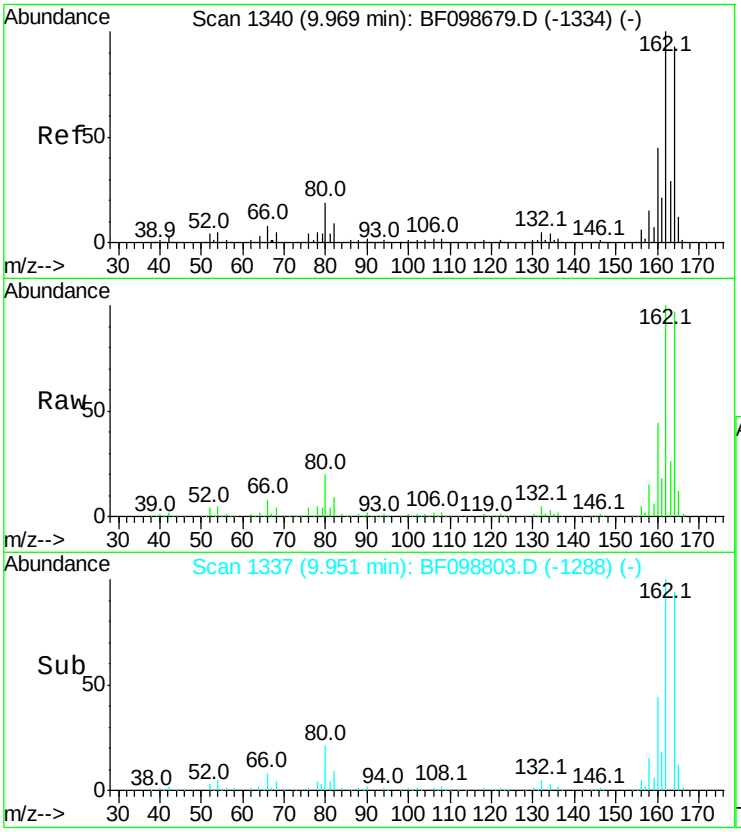


#23
Nitrobenzene-d5
Concen: 83.980 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion: 82 Resp: 844464

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	50.0	41.4	62.2



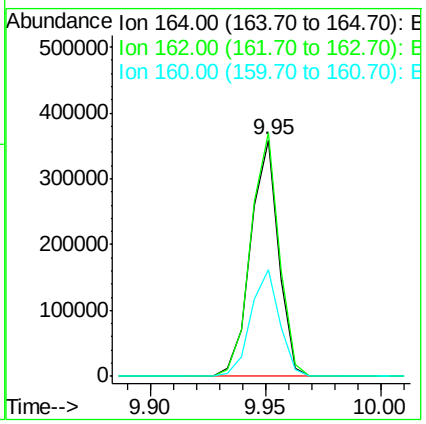


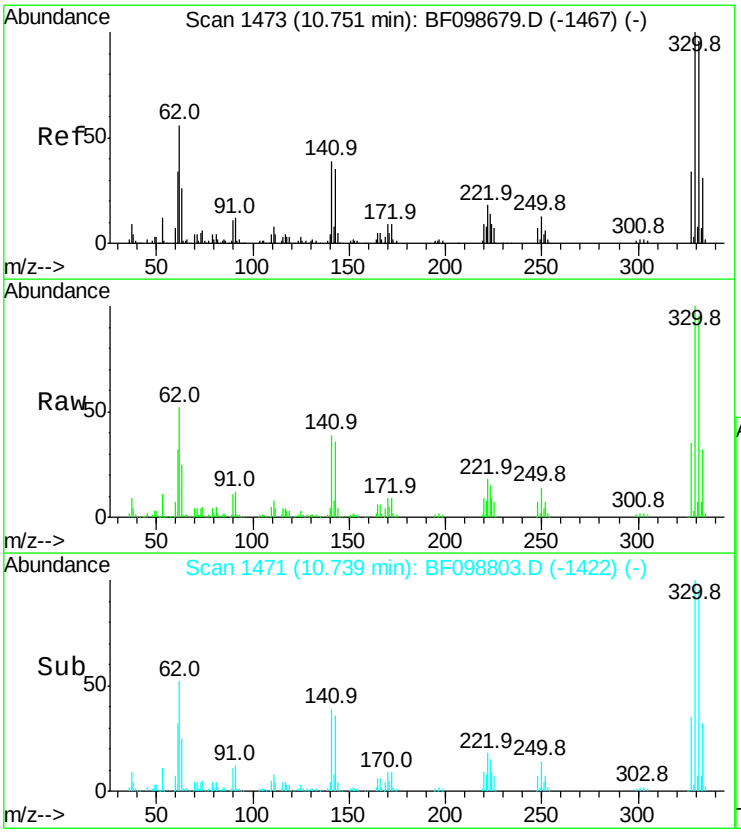
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

Tgt Ion:164 Resp: 304029

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.1	38.3	57.5

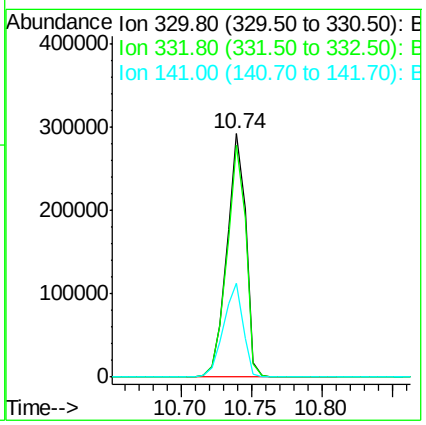


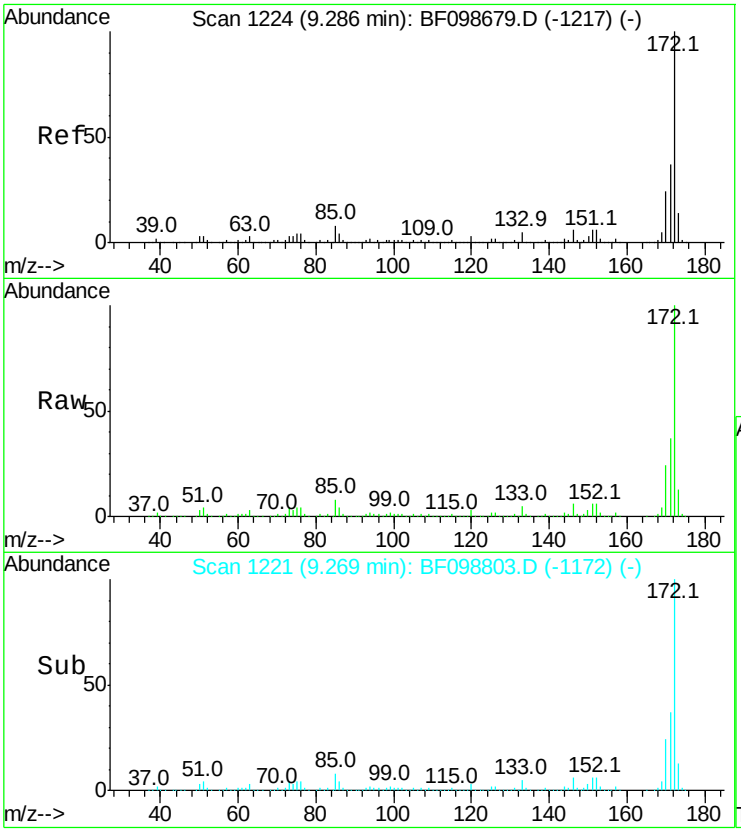


#41
2,4,6-Tribromophenol
Concen: 109.310 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion:330 Resp: 271939

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	40.0	29.9	44.9



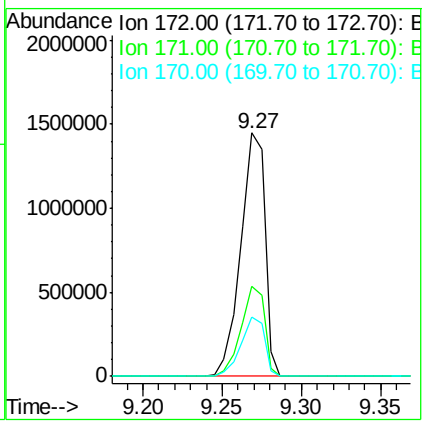


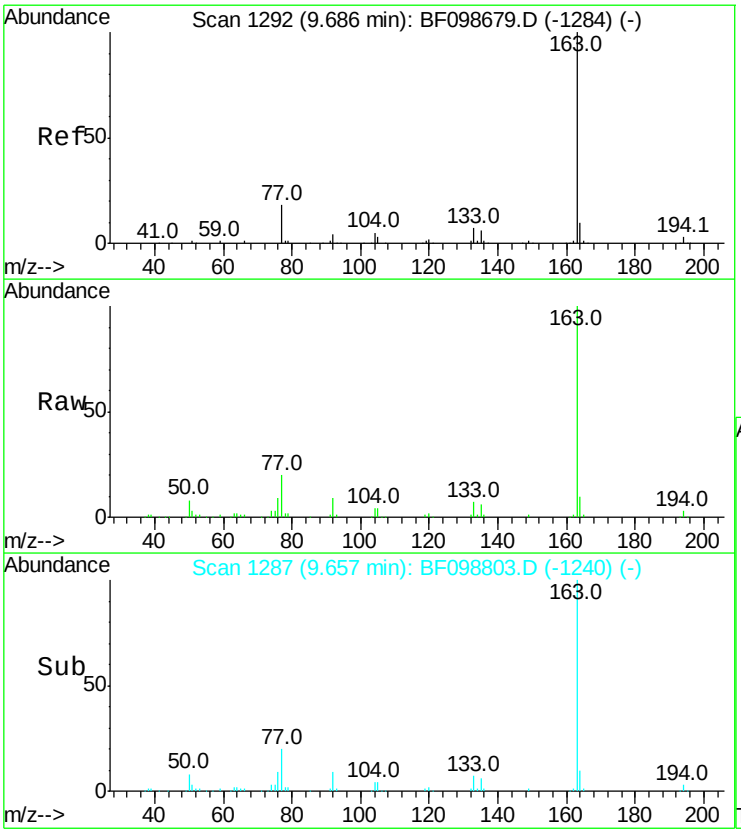
#44
2-Fluorobiphenyl
Concen: 83.901 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tgt Ion:172 Resp: 1527978

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4

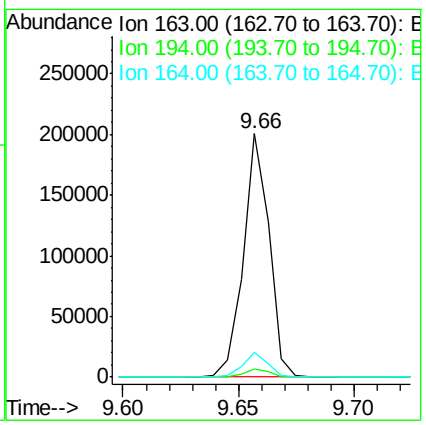


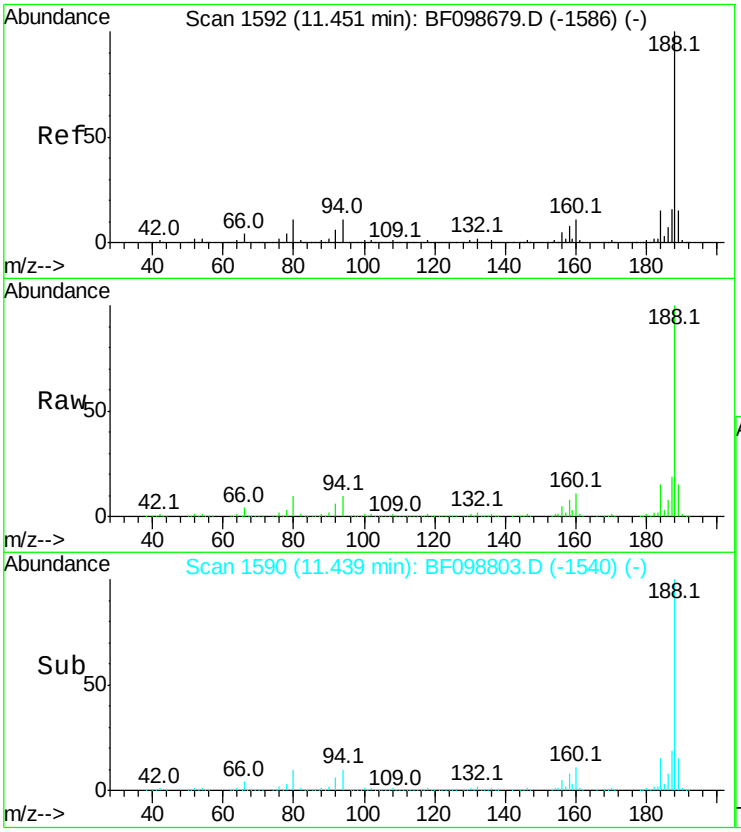


#49
Dimethylphthalate
Concen: 6.797 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion:163 Resp: 155963

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2



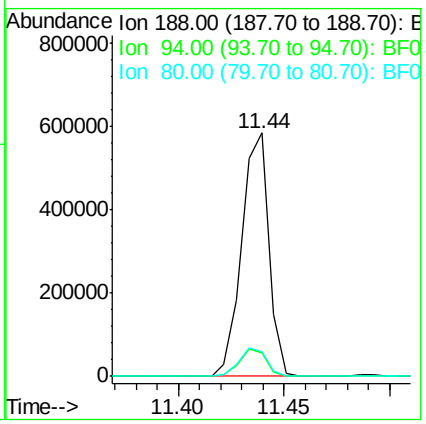


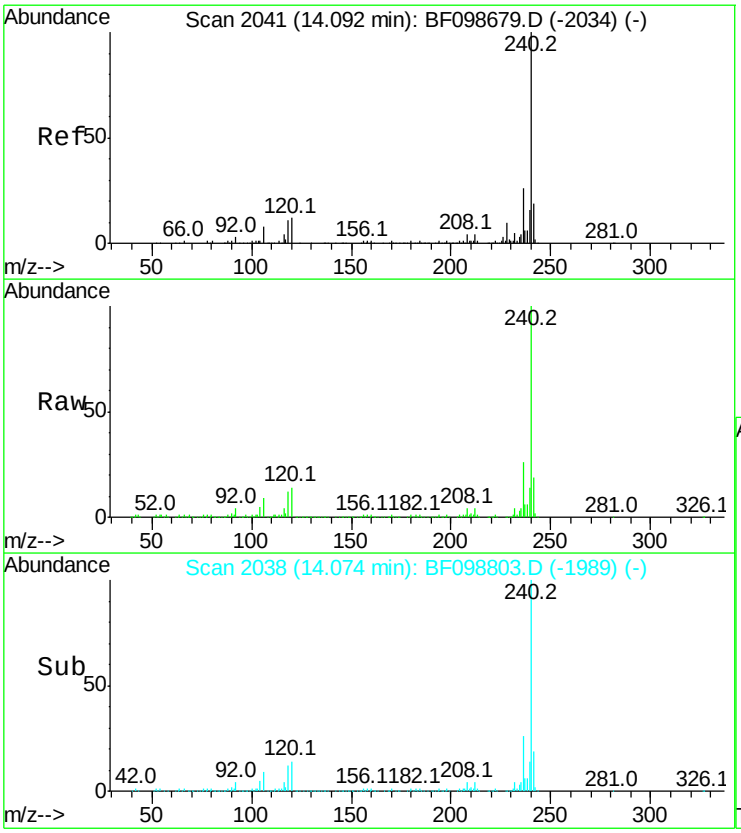
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tgt Ion:188 Resp: 524484

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

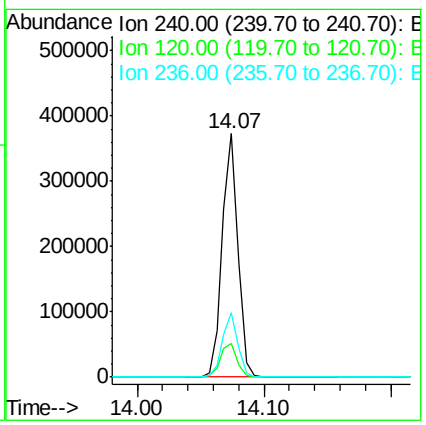


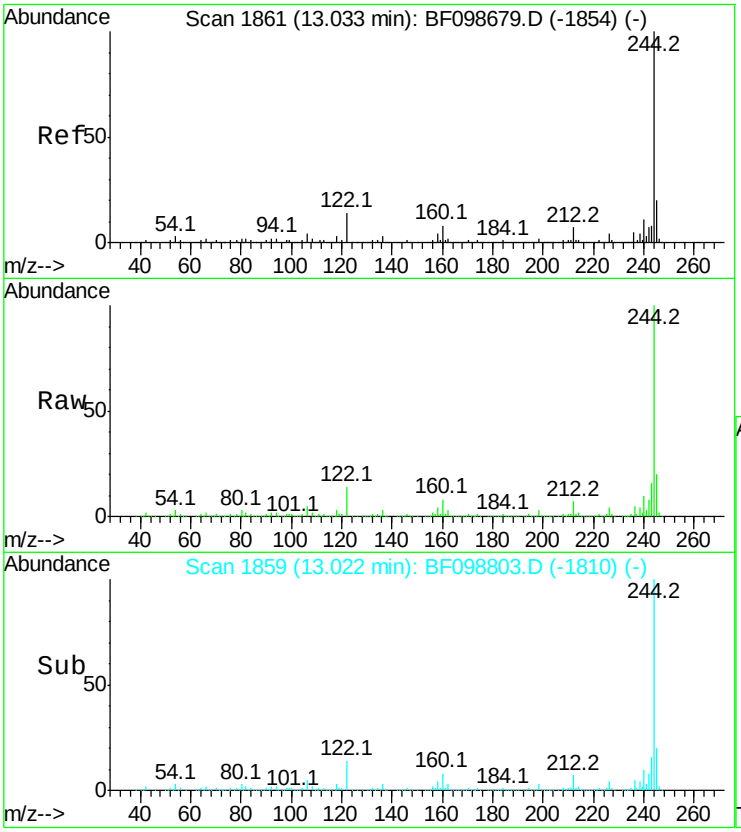


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion:240 Resp: 321849

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.3	20.7	31.1



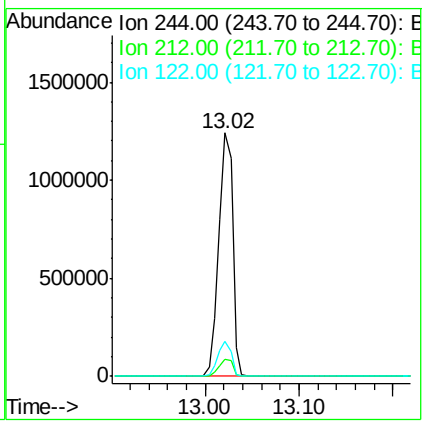


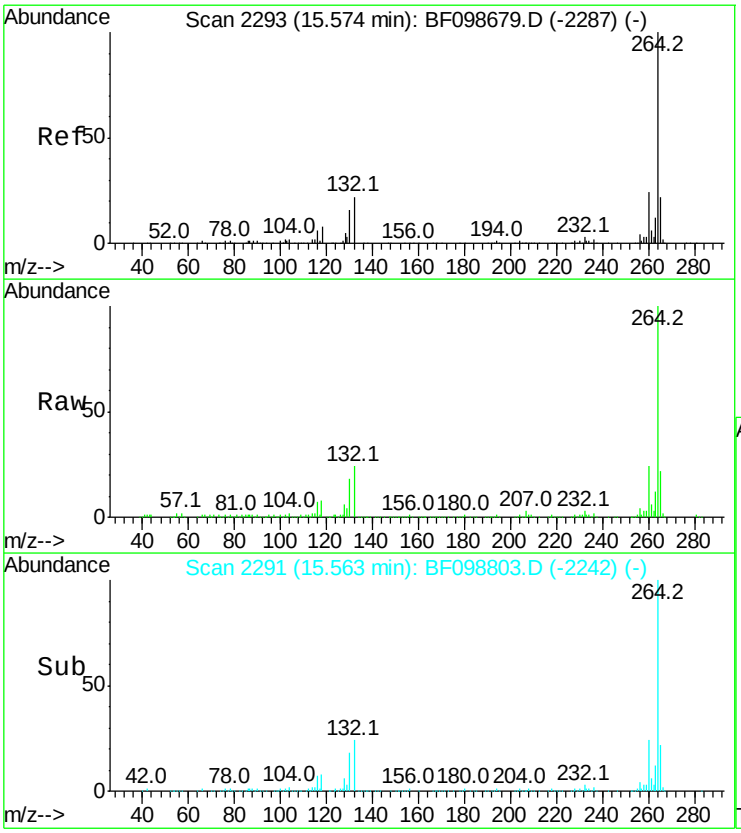
#78
Terphenyl-d14
Concen: 91.343 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tgt Ion:244 Resp: 1292706

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion:264 Resp: 272695

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3