Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098905.D
Acq On : 28 Sep 2017 13:41
Operator : SJ/JU
Sample : I5447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-115-5(5-10)

Quant Time: Sep 29 01:13:53 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	134147	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	560718	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	253686	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	456325	20.00	ng	0.00
75) Chrysene-d12	14.07	240	266612	20.00	ng	-0.01
86) Perylene-d12	15.57	264	234472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1074121	127.46	ng	0.00
7) Phenol-d6	6.54	99	1308069	125.83	ng	0.00
23) Nitrobenzene-d5	7.48	82	808882	92.51	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	269208	129.69	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1381610	90.92	ng	0.00
78) Terphenyl-d14	13.03	244	1165985	99.46	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.55	94	26891	2.313	ng	92
49) Dimethylphthalate	9.66	163	311857	16.288	ng	99

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

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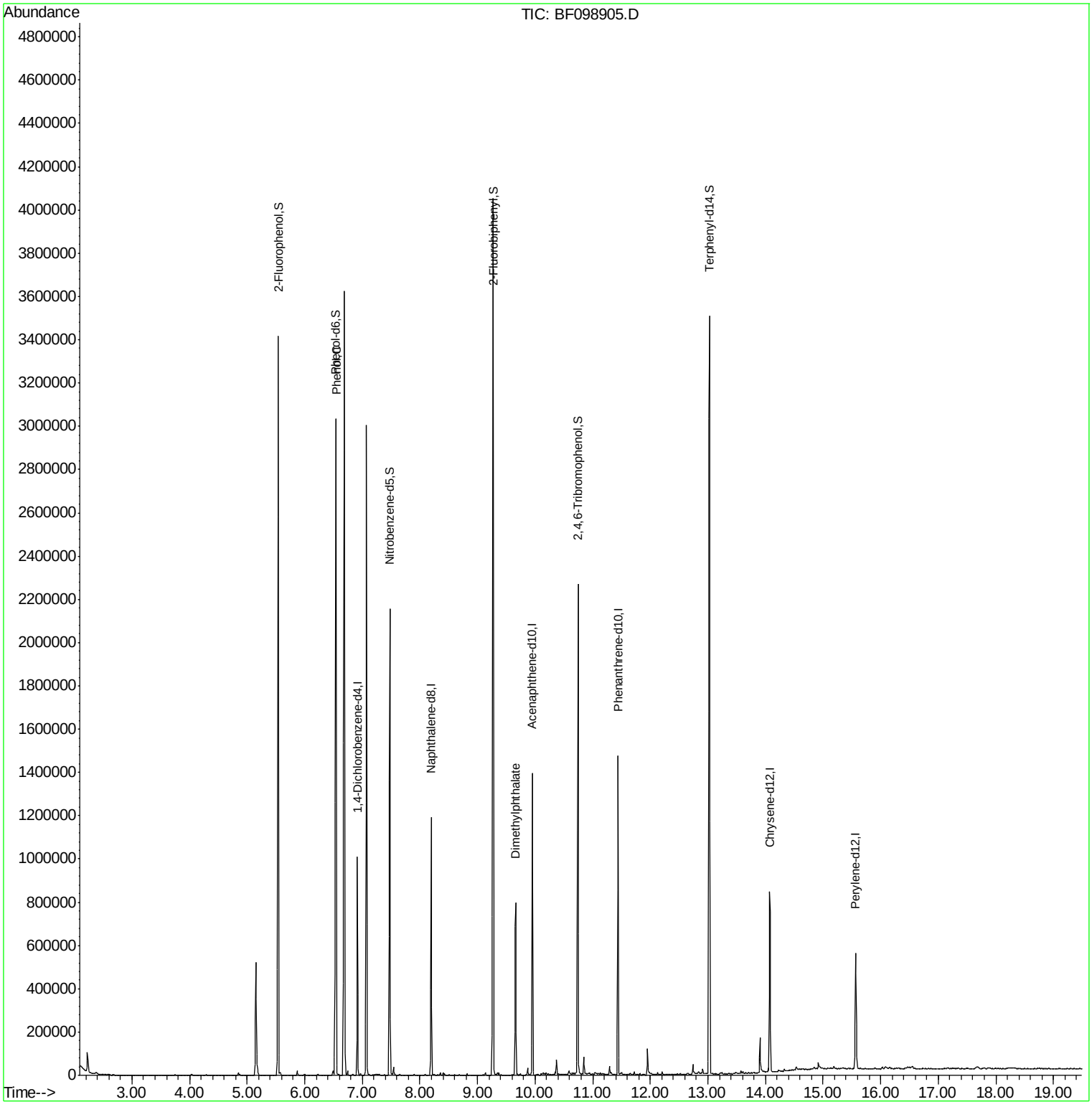
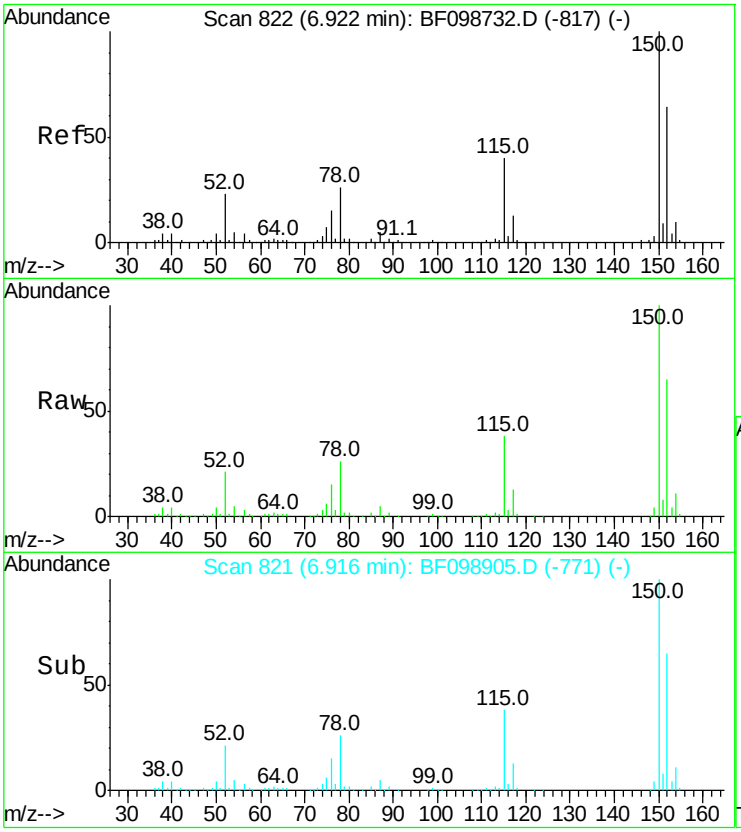


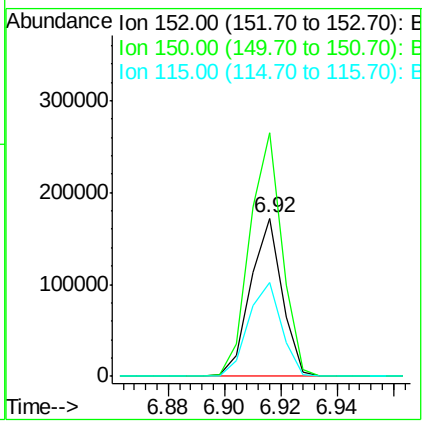


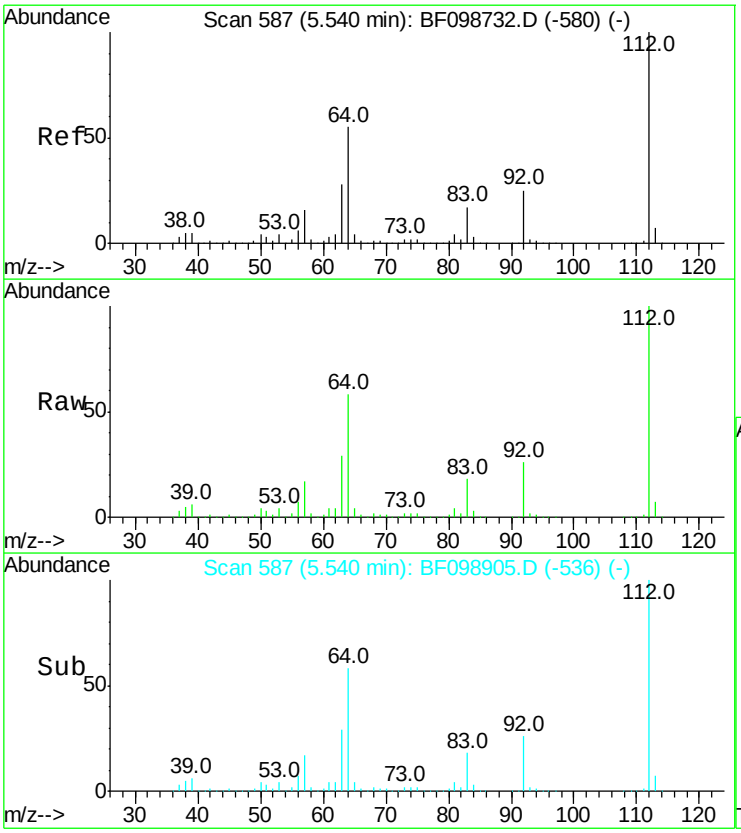
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(5-10)

Tgt Ion:152 Resp: 134147

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.0	50.1	75.1

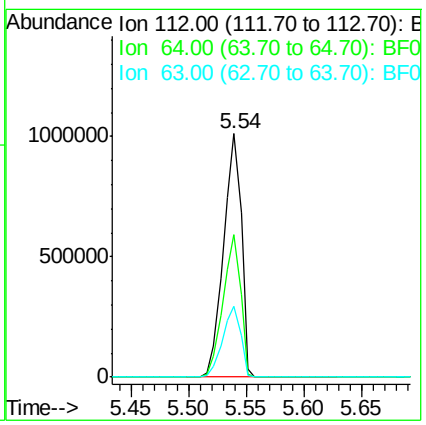


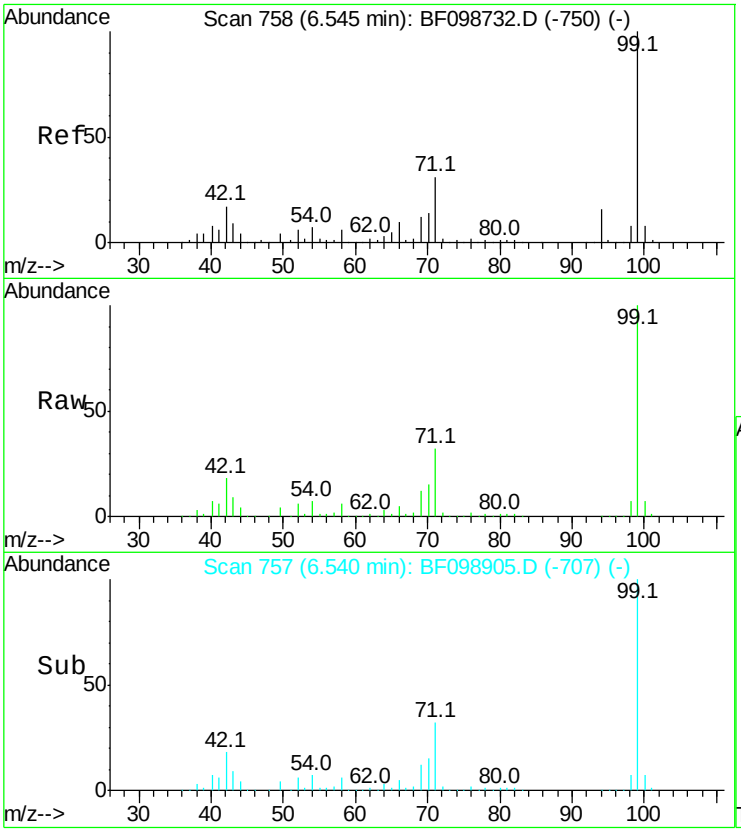


#5
2-Fluorophenol
Concen: 127.464 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Tgt Ion:112 Resp: 1074121

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	29.1	23.7	35.5



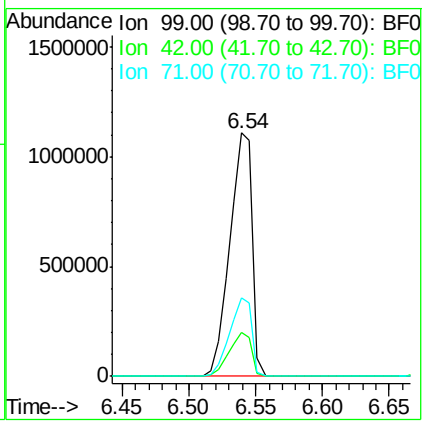


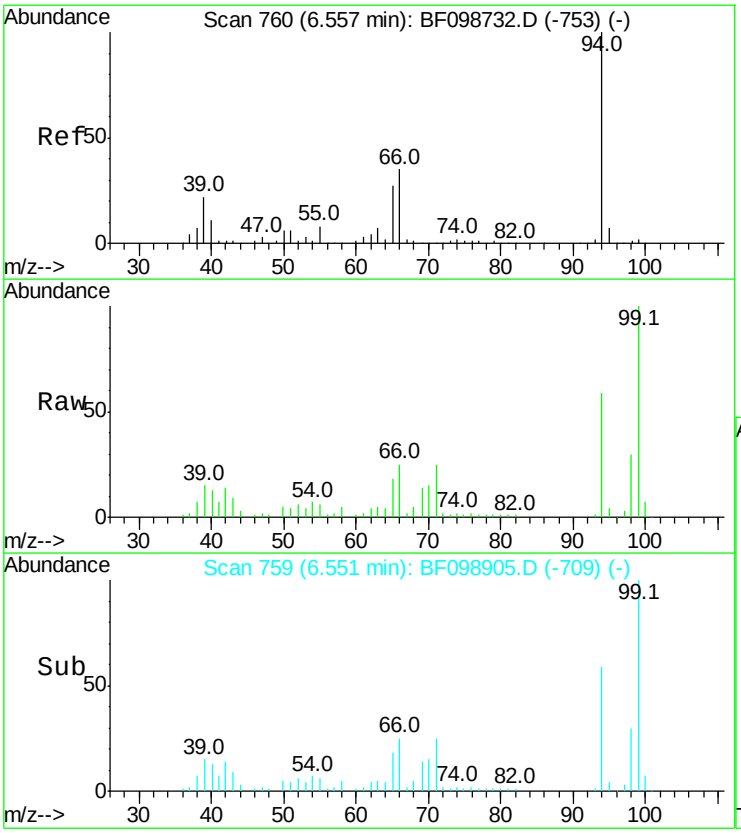
#7
Phenol-d6
Concen: 125.831 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(5-10)

Tgt Ion: 99 Resp: 1308069

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	32.1	25.4	38.0

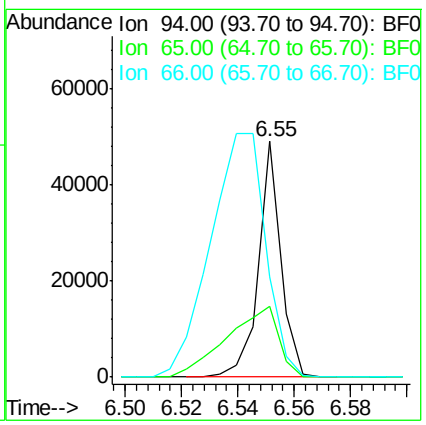


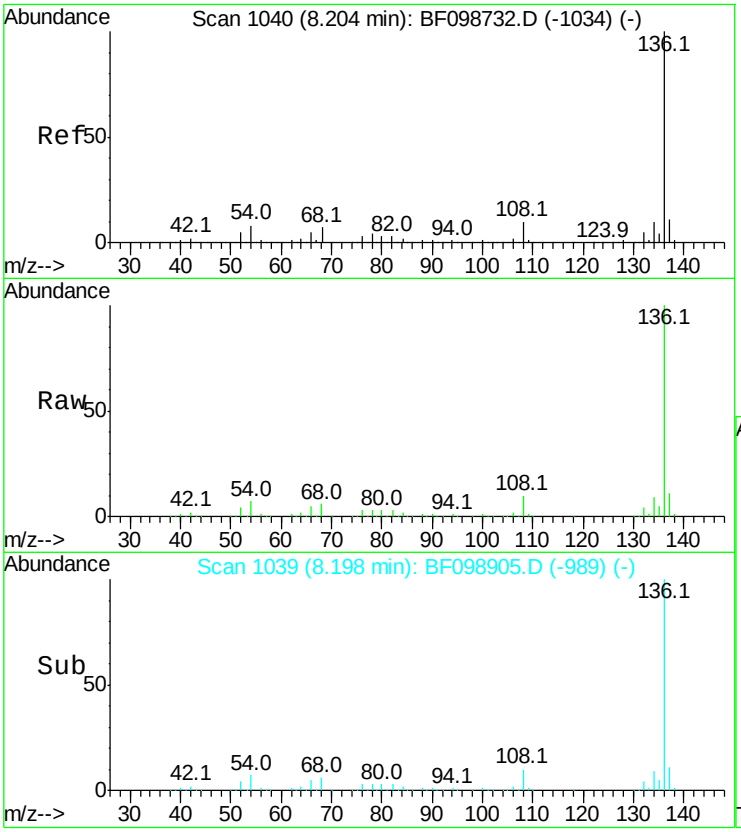


#10
Phenol
Concen: 2.313 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Tgt Ion: 94 Resp: 26891

Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	42.7	16.2	56.2



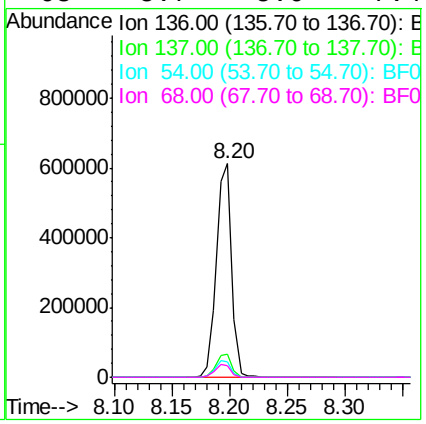


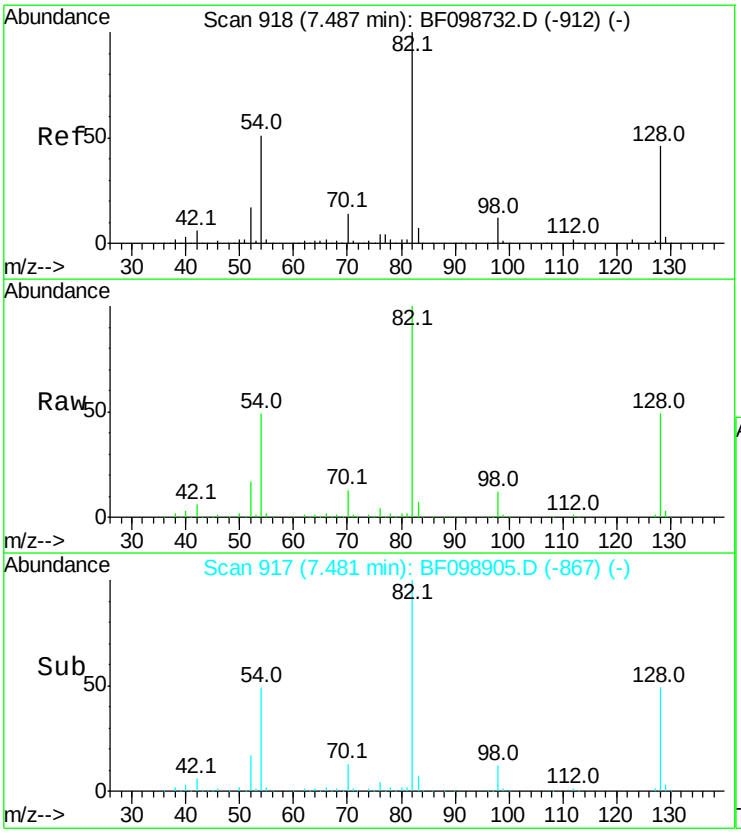
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(5-10)

Tgt Ion:136 Resp: 560718

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

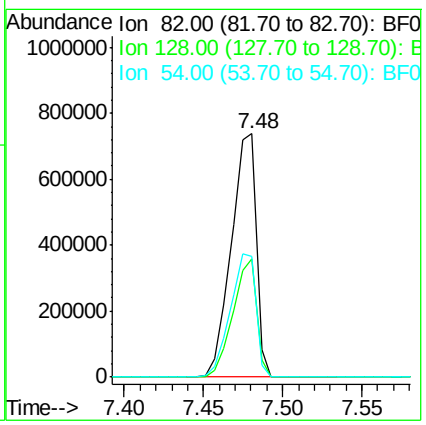


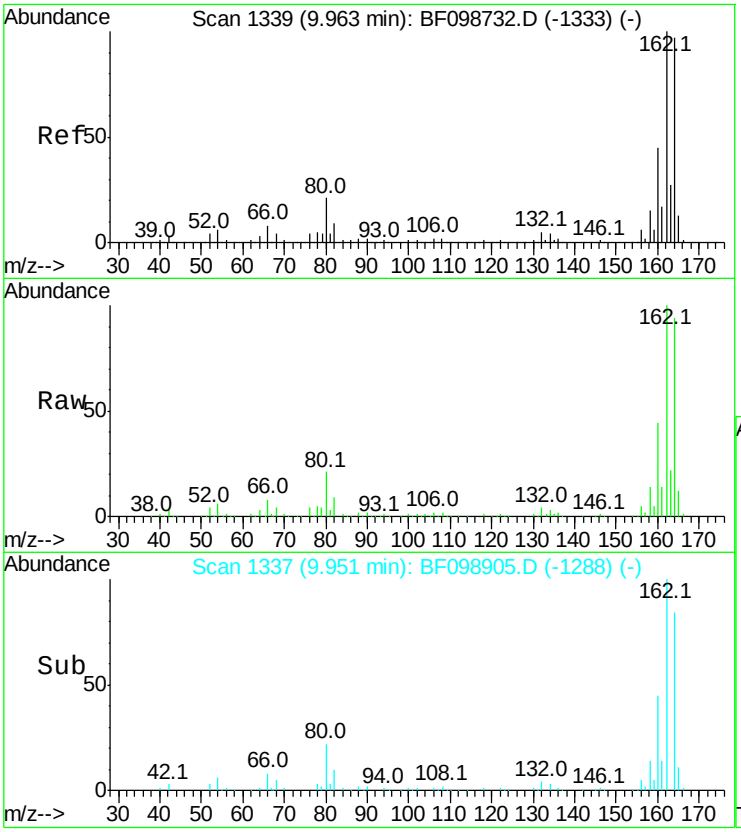


#23
Nitrobenzene-d5
Concen: 92.513 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Tgt Ion: 82 Resp: 808882

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	49.4	41.4	62.2



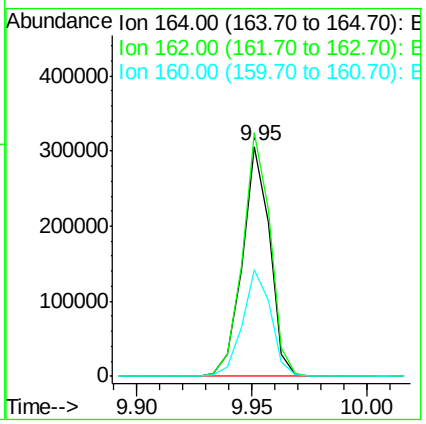


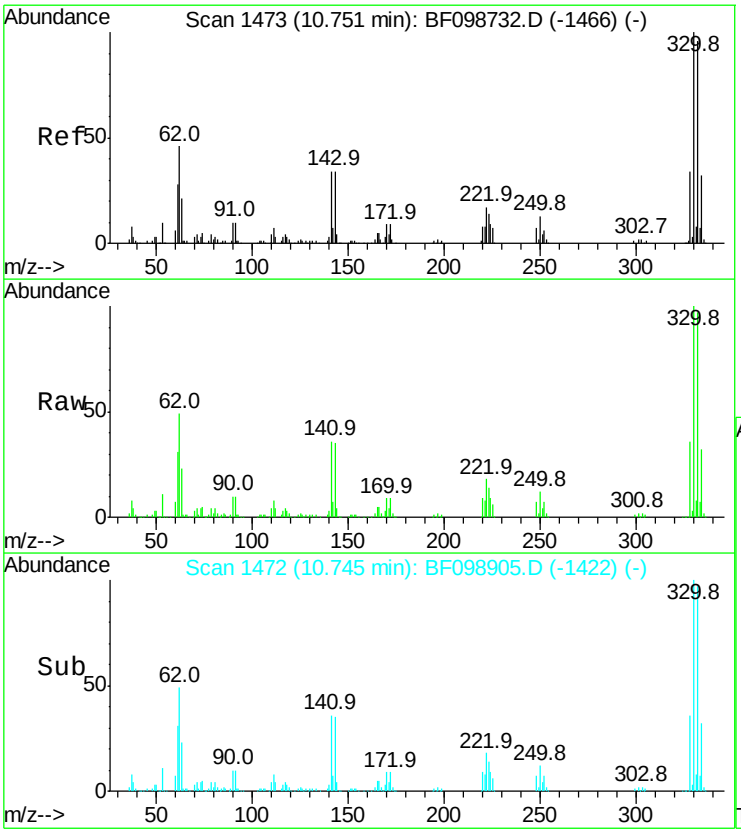
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(5-10)

Tgt Ion:164 Resp: 253686

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.6	38.3	57.5

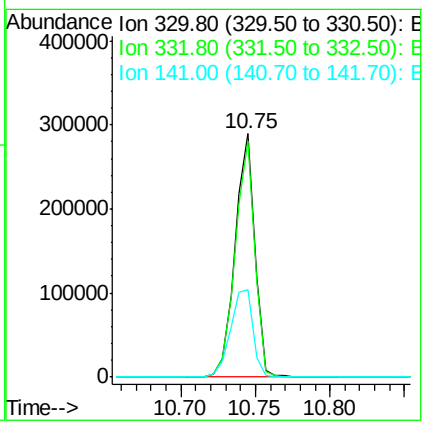


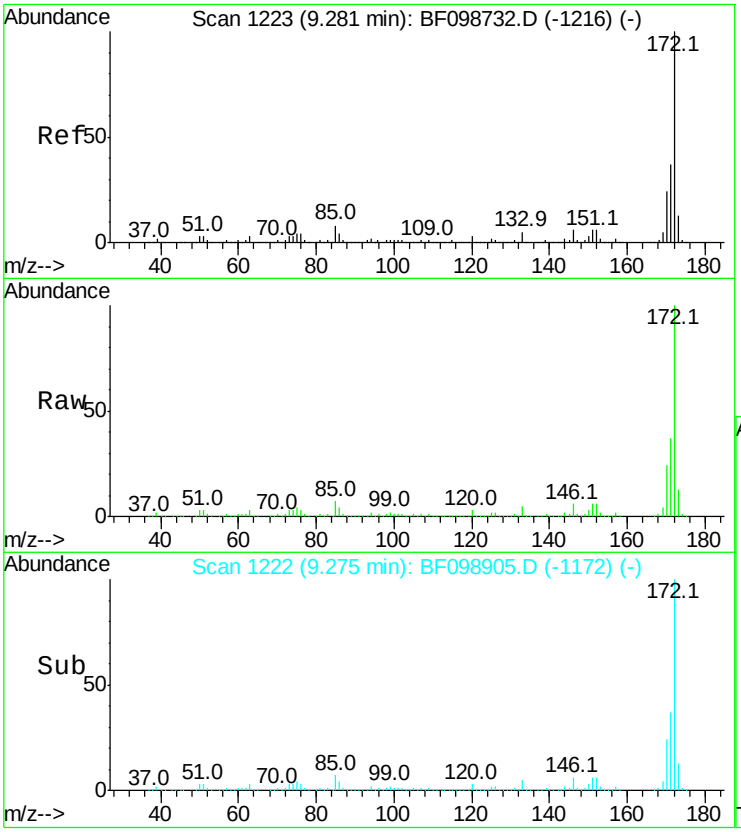


#41
2,4,6-Tribromophenol
Concen: 129.686 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Tgt Ion:330 Resp: 269208

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	41.5	29.9	44.9



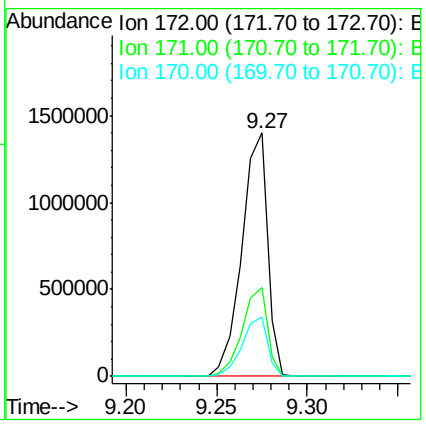


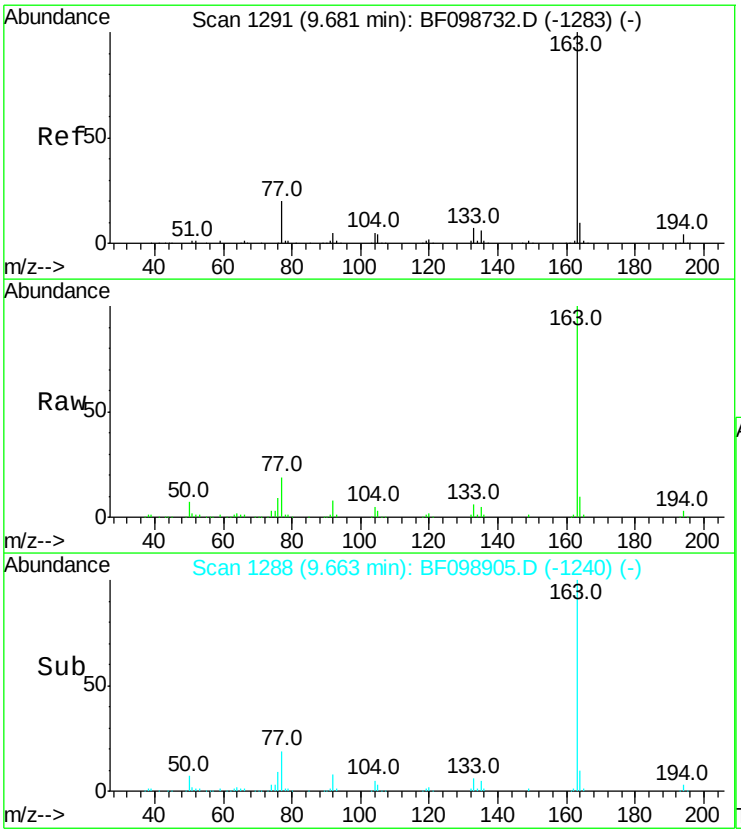
#44
2-Fluorobiphenyl
Concen: 90.919 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(5-10)

Tgt Ion:172 Resp: 1381610

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

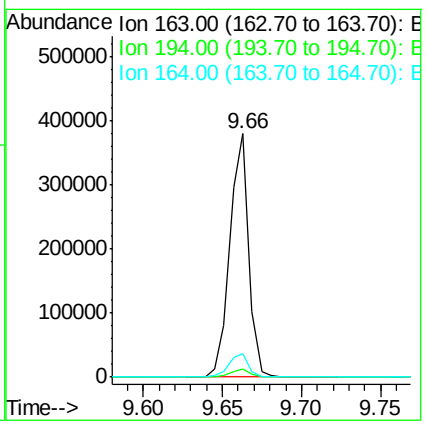


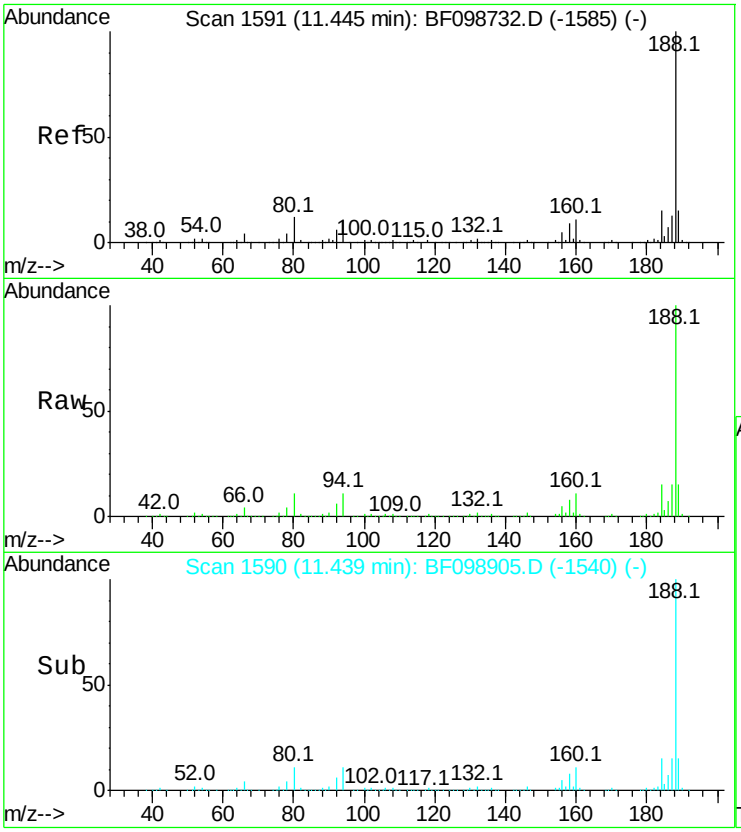


#49
Dimethylphthalate
Concen: 16.288 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Tgt Ion:163 Resp: 311857

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.6	8.2	12.2



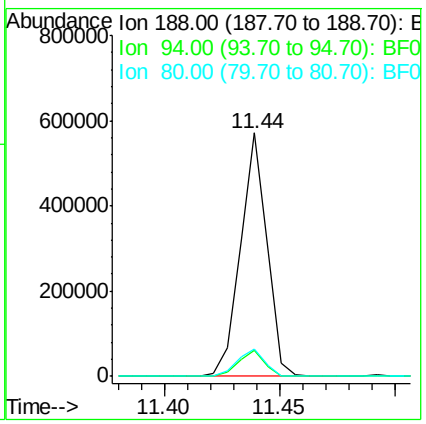


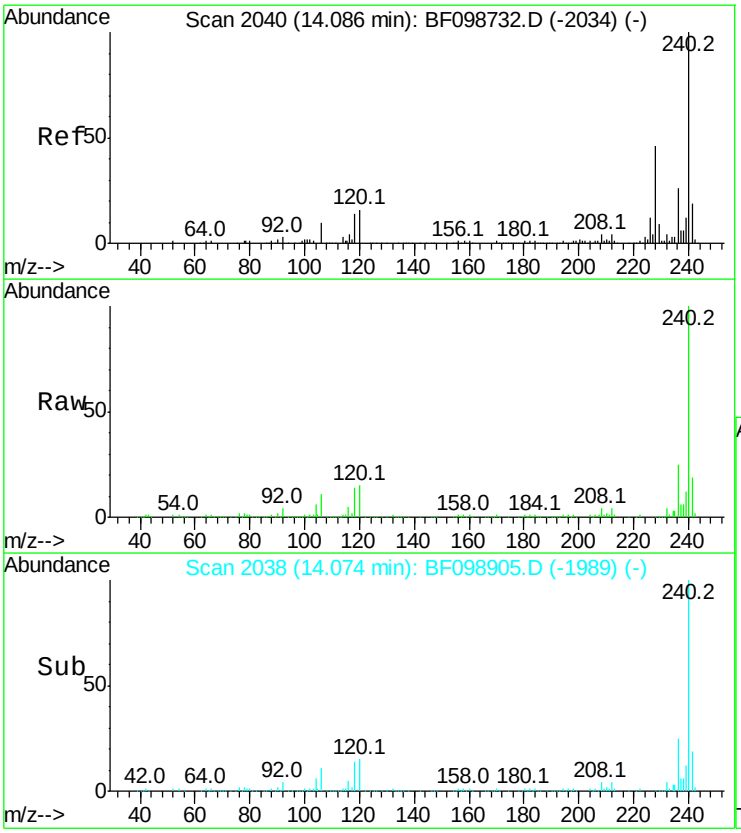
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(5-10)

Tgt Ion:188 Resp: 456325

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

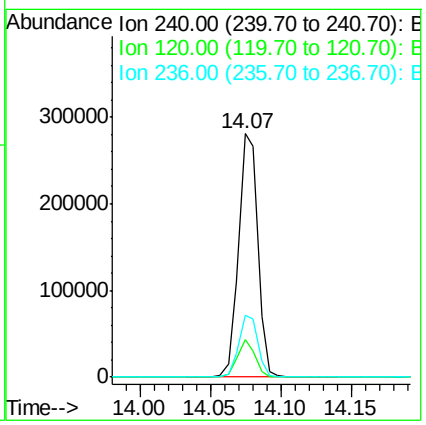


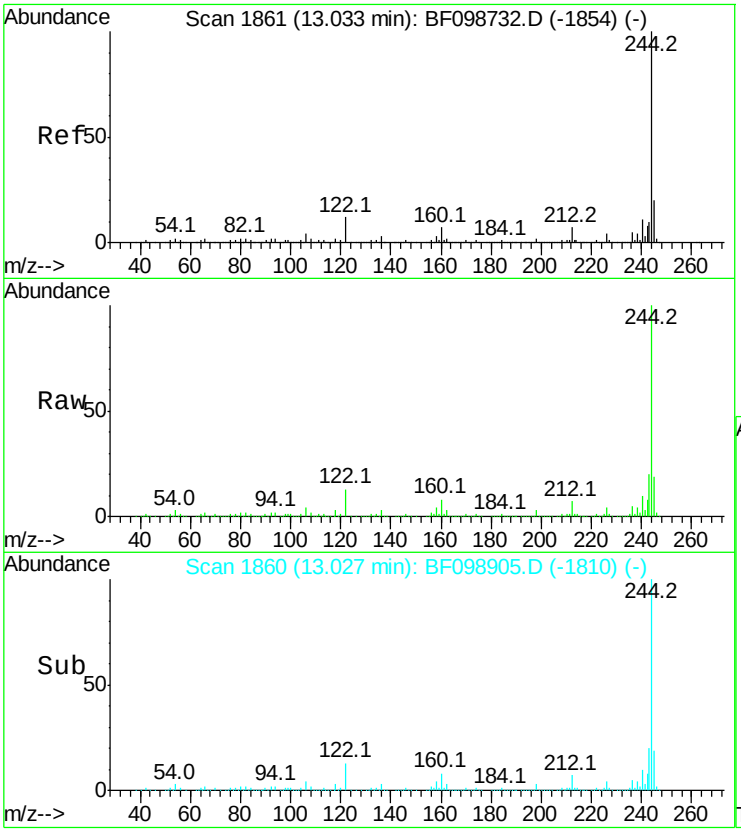


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Tgt Ion:240 Resp: 266612

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.4	20.7	31.1



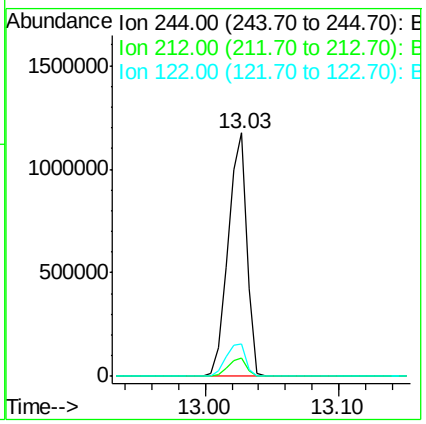


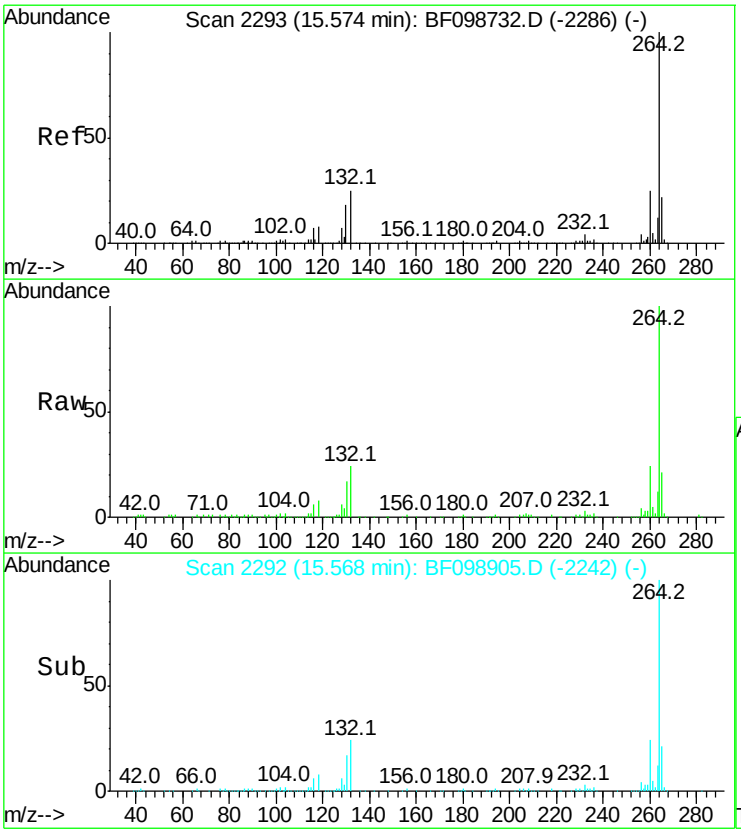
#78
Terphenyl-d14
Concen: 99.459 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(5-10)

Tgt Ion:244 Resp: 1165985

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098905.D
Acq: 28 Sep 2017 13:41

Tgt Ion:264 Resp: 234472

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3