Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

Quant Time: Sep 28 05:23:10 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	140715	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	578428	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	244069	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	384103	20.00	ng	0.00
75) Chrysene-d12	14.08	240	313120	20.00	ng	0.00
86) Perylene-d12	15.57	264	249949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	969768	109.71	ng	0.00
7) Phenol-d6	6.54	99	1187273	108.88	ng	0.00
23) Nitrobenzene-d5	7.47	82	727210	80.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	201318	100.80	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1171652	80.14	ng	-0.01
78) Terphenyl-d14	13.02	244	896234	65.09	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.55	94	27540	2.258	ng	99
49) Dimethylphthalate	9.66	163	216937	11.777	ng	100

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

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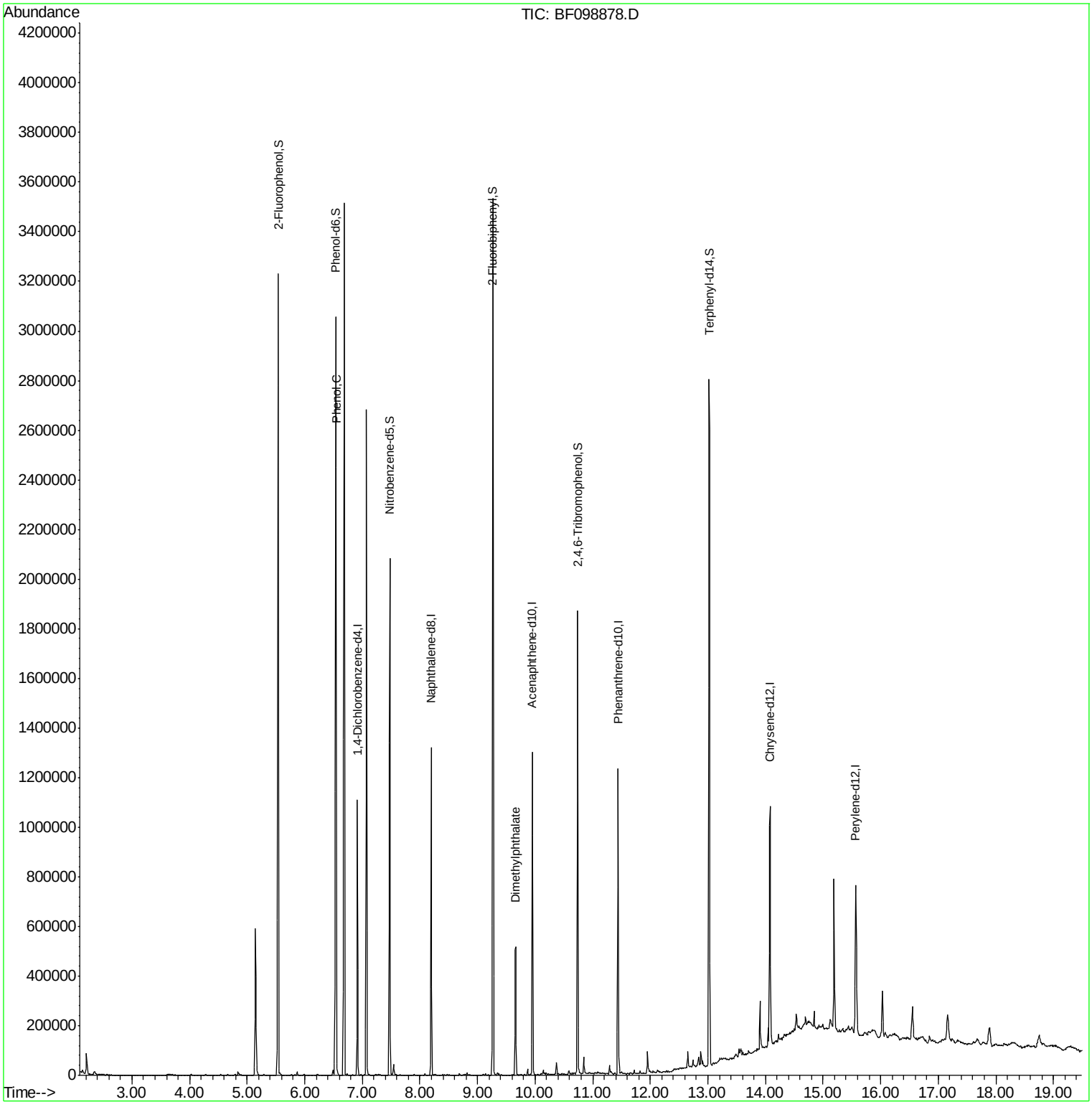
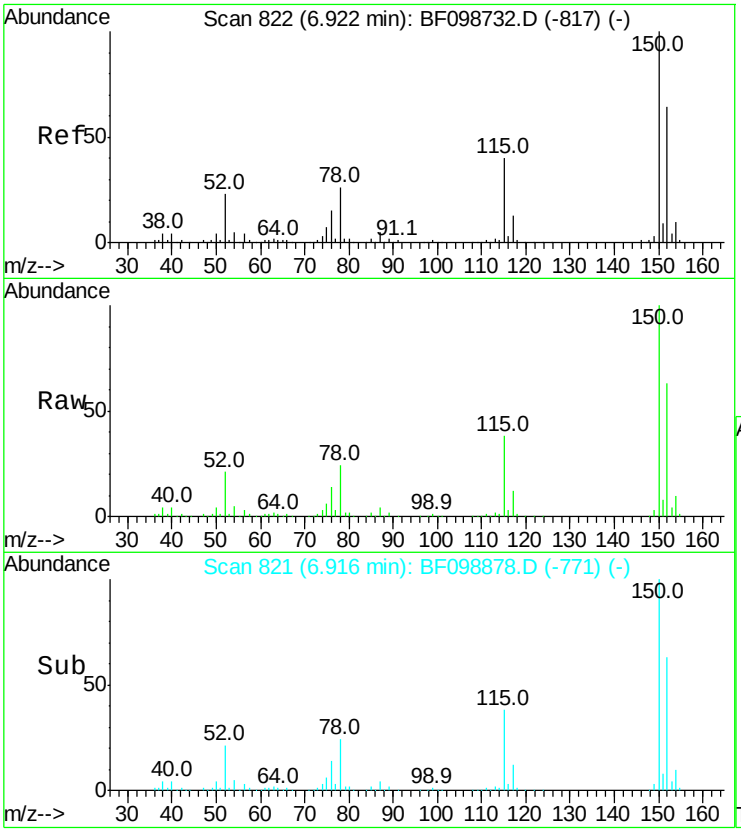


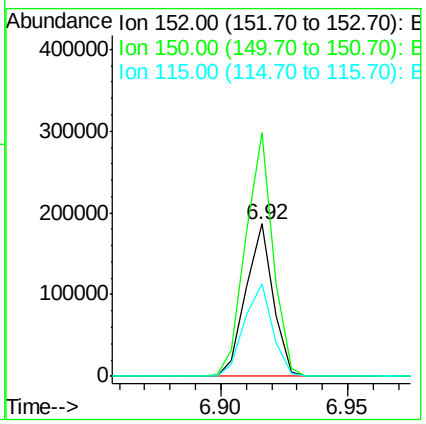


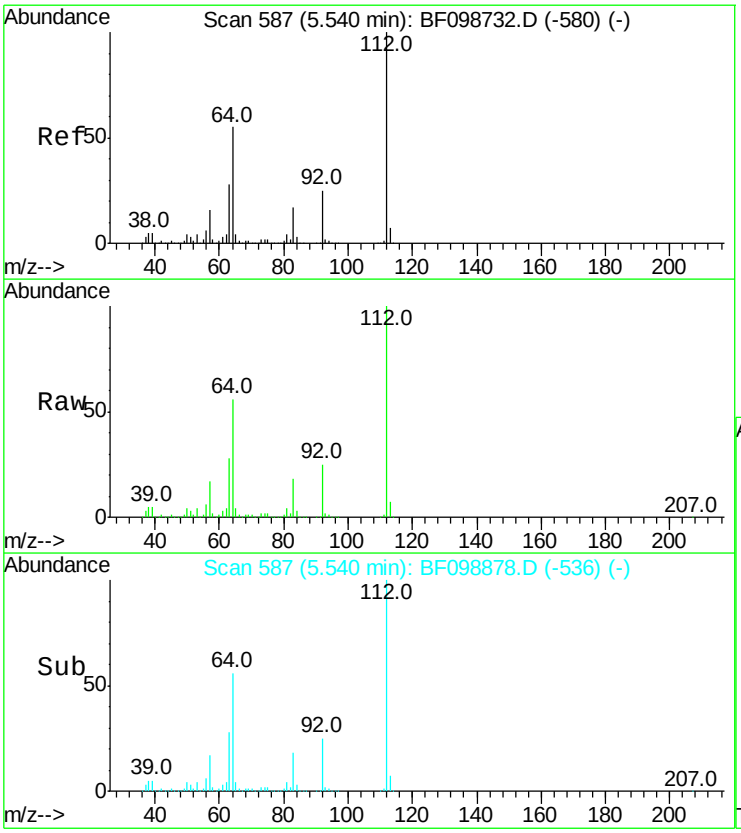
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tgt Ion:152 Resp: 140715

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	61.0	50.1	75.1

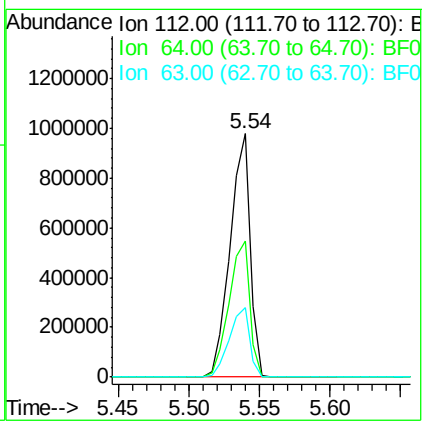


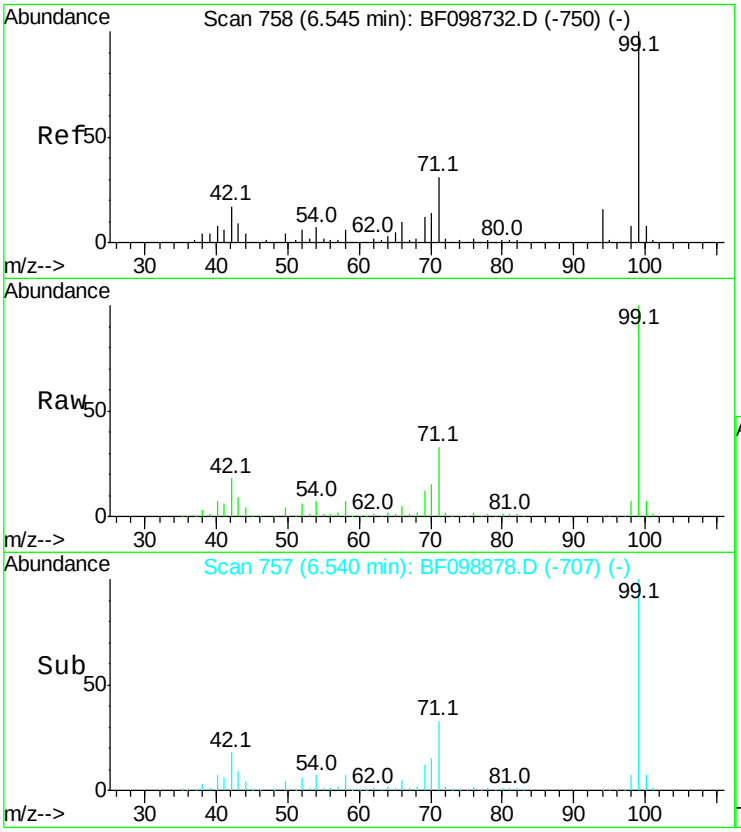


#5
2-Fluorophenol
Concen: 109.709 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:112 Resp: 969768

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.4	23.7	35.5



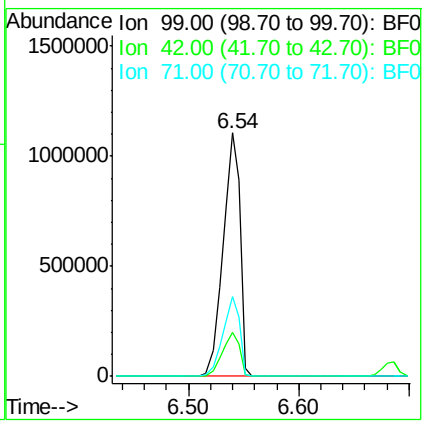


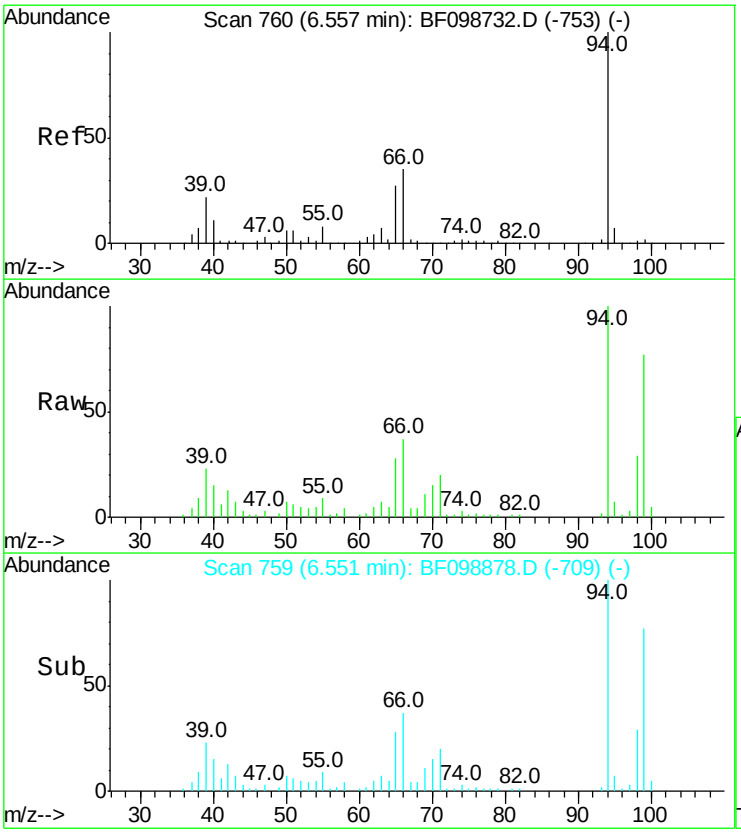
#7
Phenol-d6
Concen: 108.880 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tgt Ion: 99 Resp: 1187273

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.8	25.4	38.0

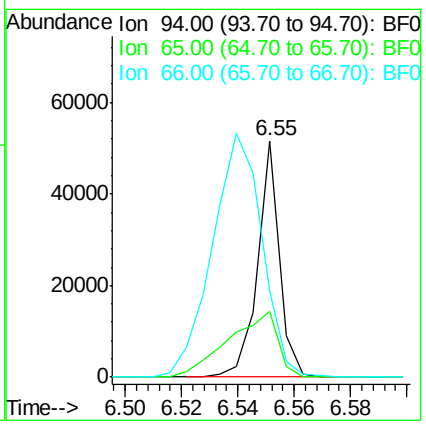


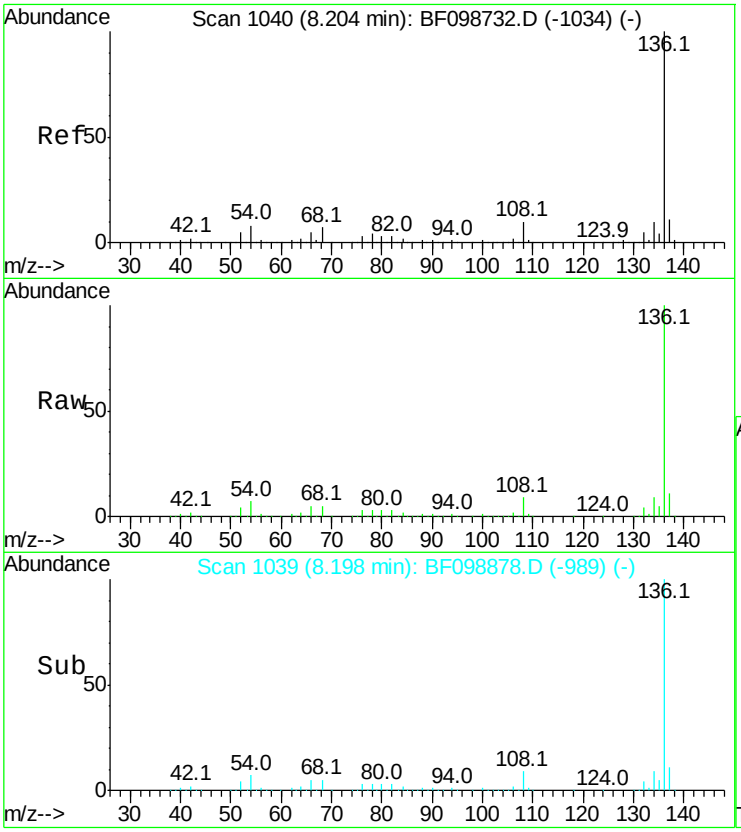


#10
Phenol
Concen: 2.258 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion: 94 Resp: 27540

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	36.5	16.2	56.2



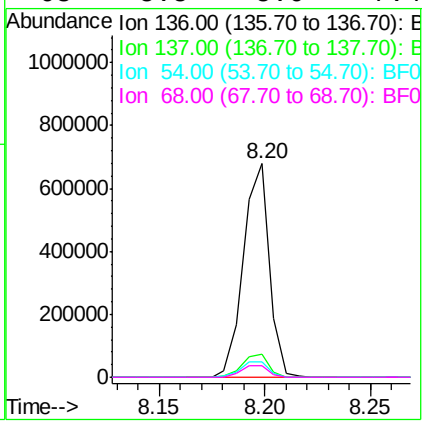


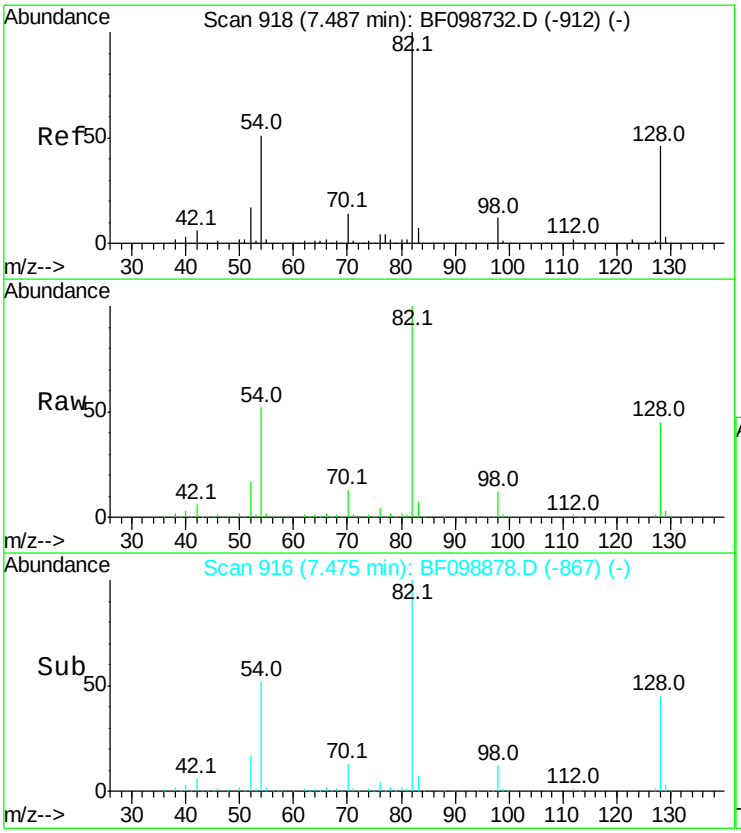
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tgt Ion:136 Resp: 578428

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	5.5	5.0	7.4

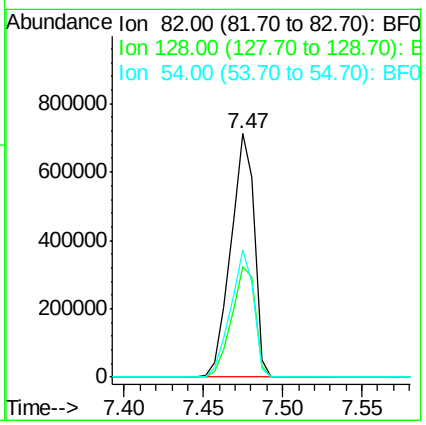


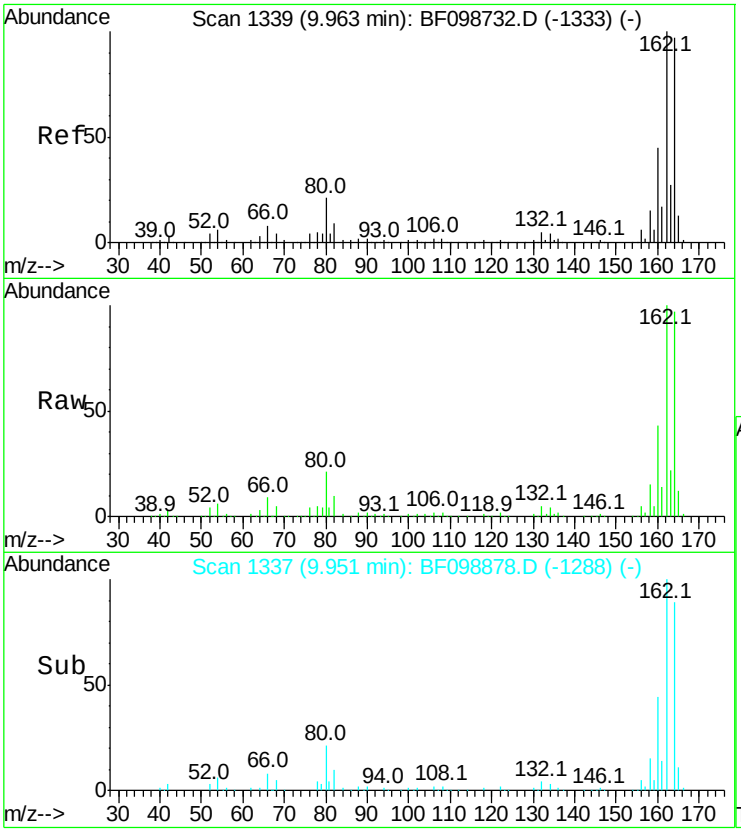


#23
Nitrobenzene-d5
Concen: 80.626 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion: 82 Resp: 727210

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	52.0	41.4	62.2



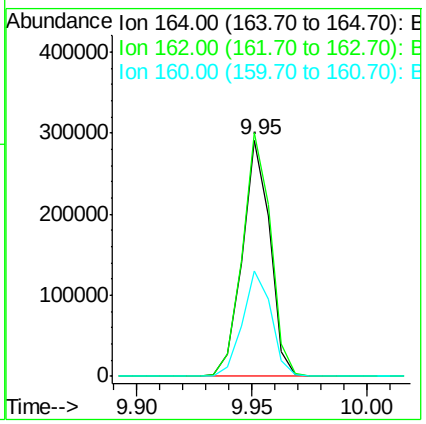


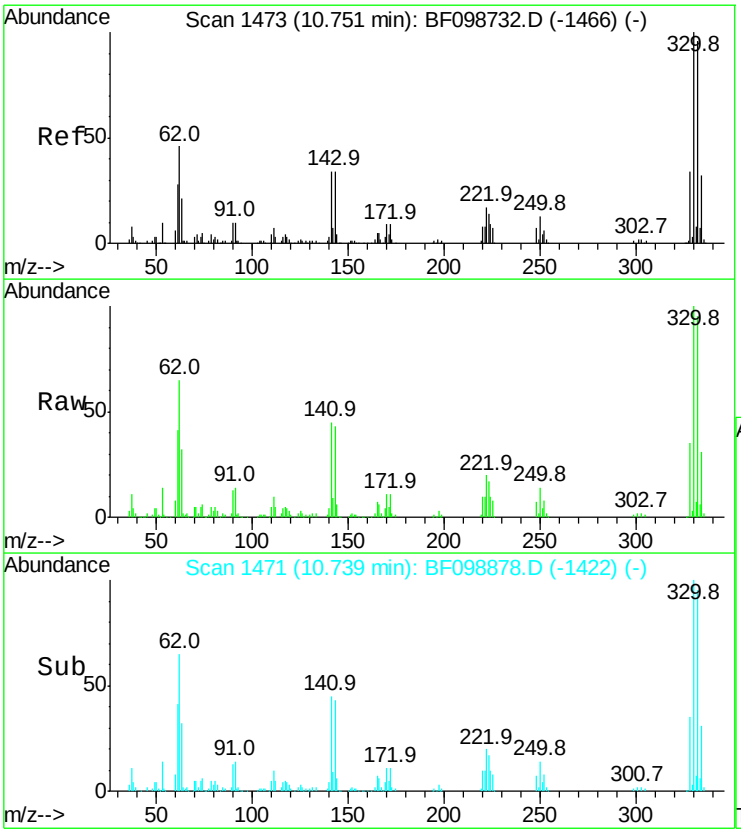
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tgt Ion:164 Resp: 244069

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.7	38.3	57.5

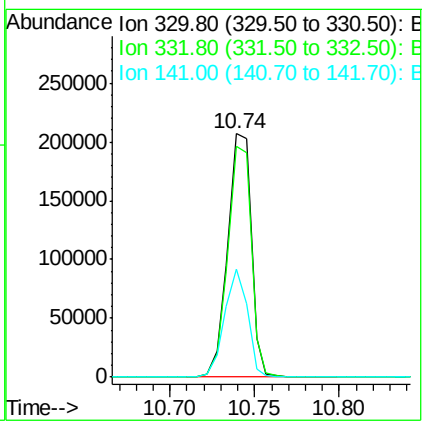


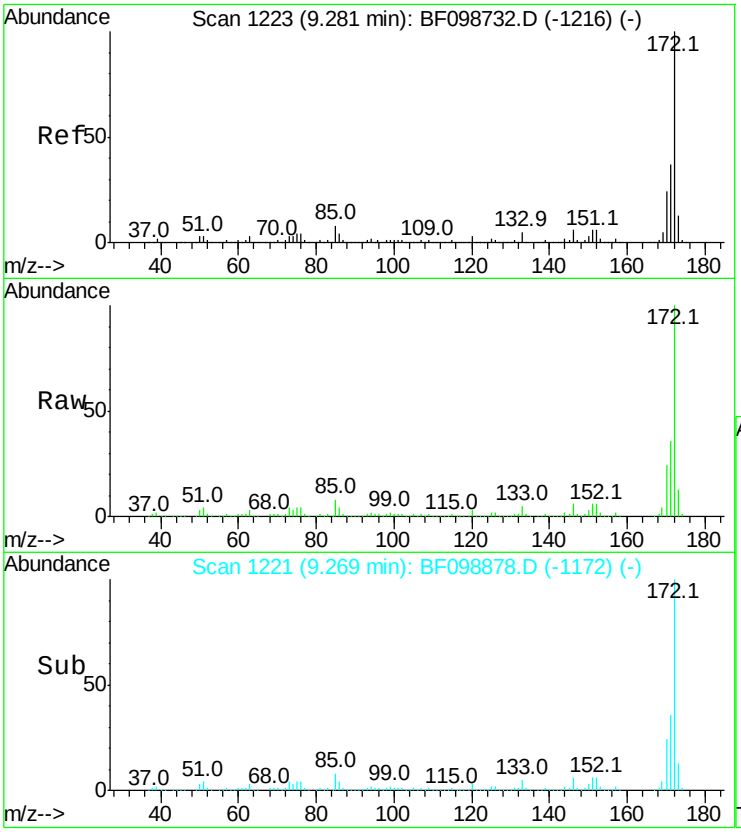


#41
2,4,6-Tribromophenol
Concen: 100.803 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:330 Resp: 201318

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	43.3	29.9	44.9



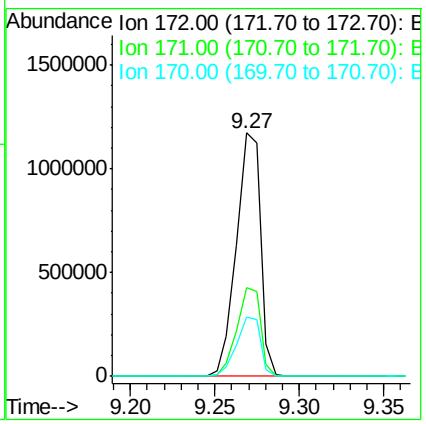


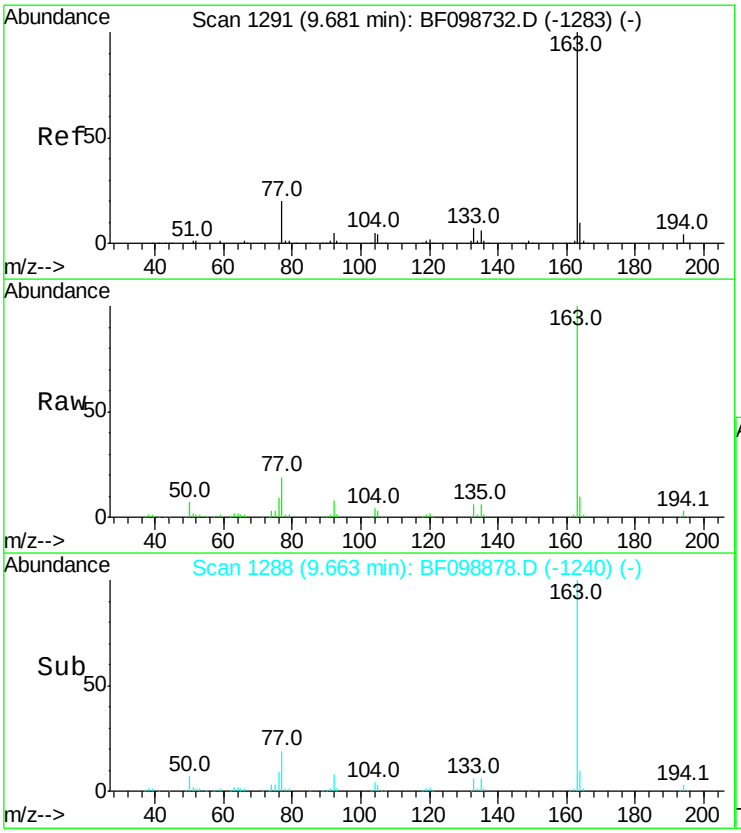
#44
2-Fluorobiphenyl
Concen: 80.140 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tgt Ion:172 Resp: 1171652

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

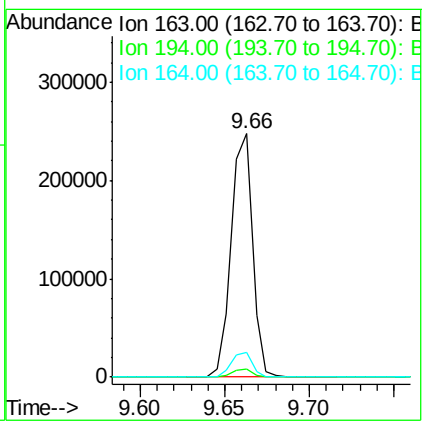


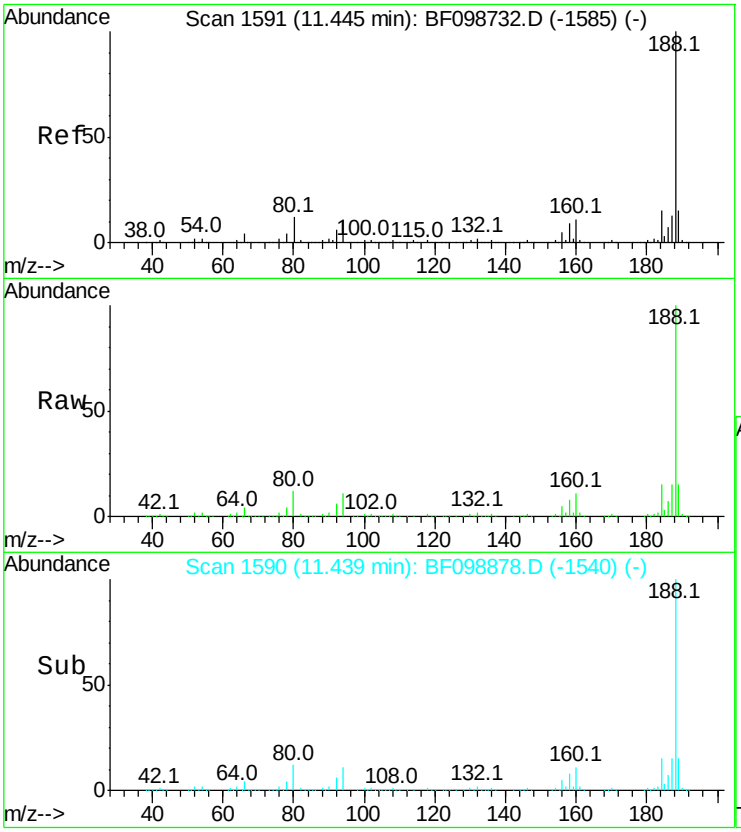


#49
Dimethylphthalate
Concen: 11.777 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:163 Resp: 216937

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2



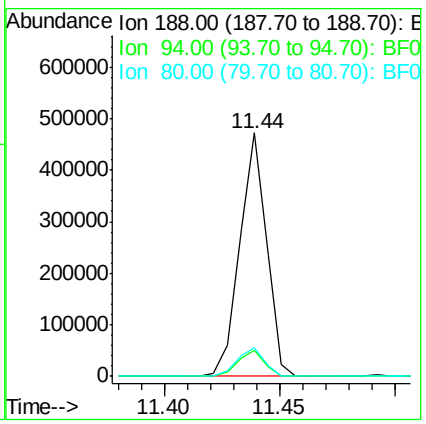


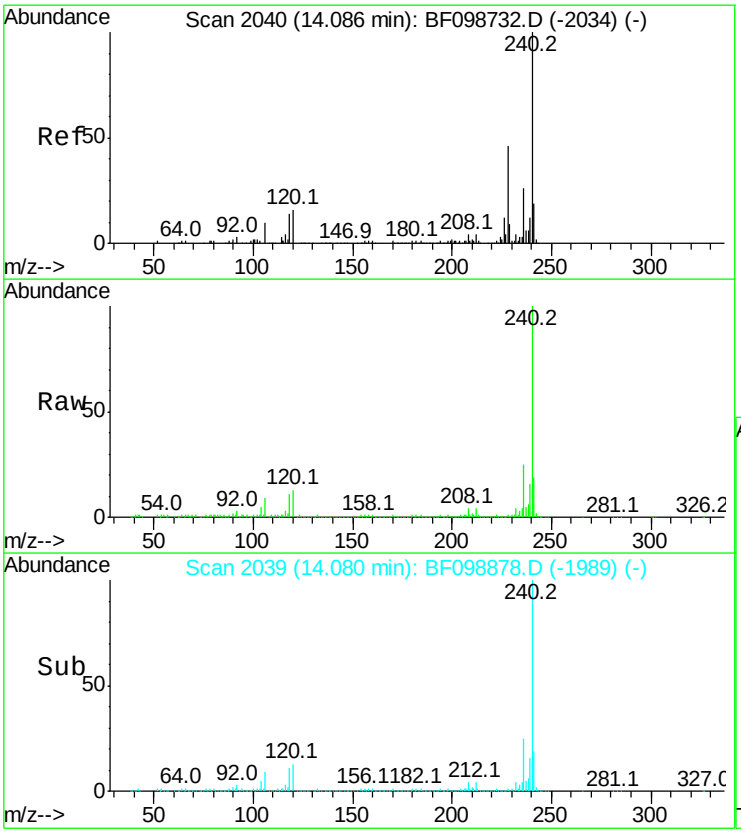
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tgt Ion:188 Resp: 384103

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.6	9.2	13.8

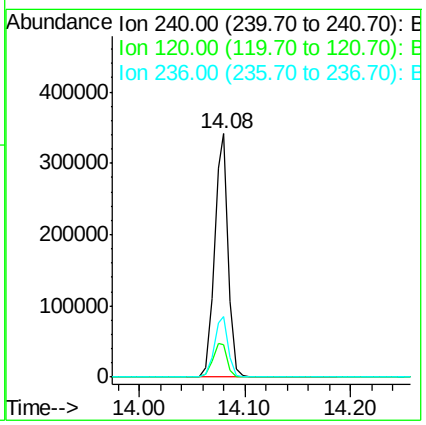


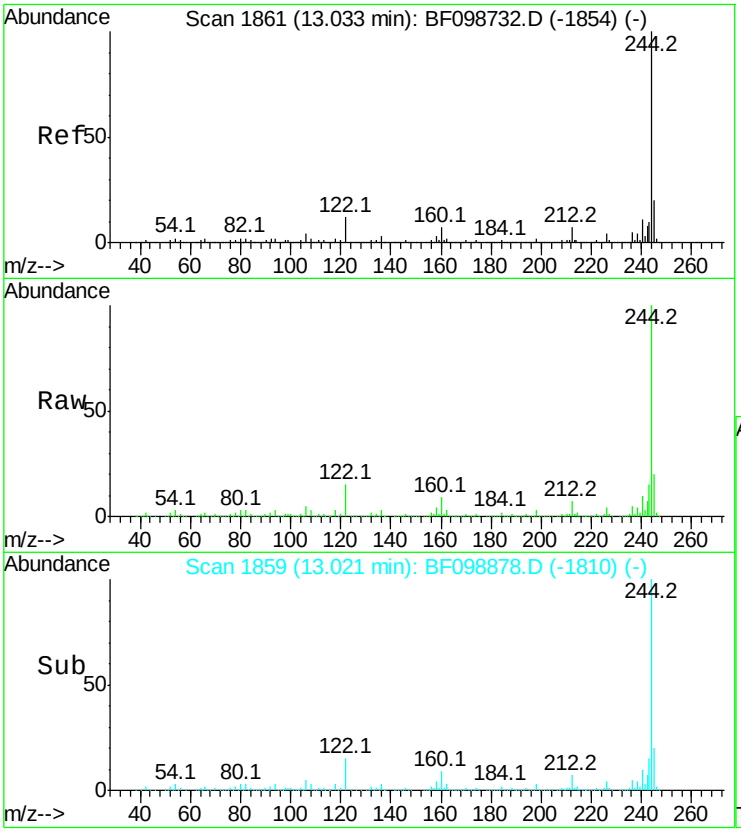


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:240 Resp: 313120

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.0	20.7	31.1



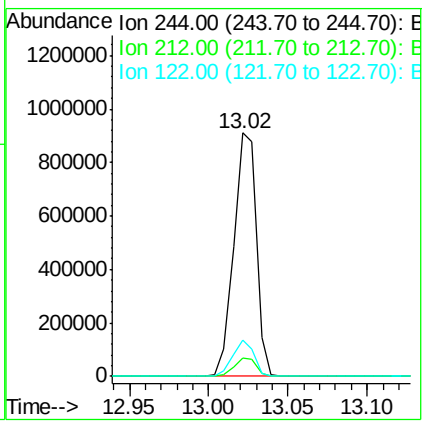


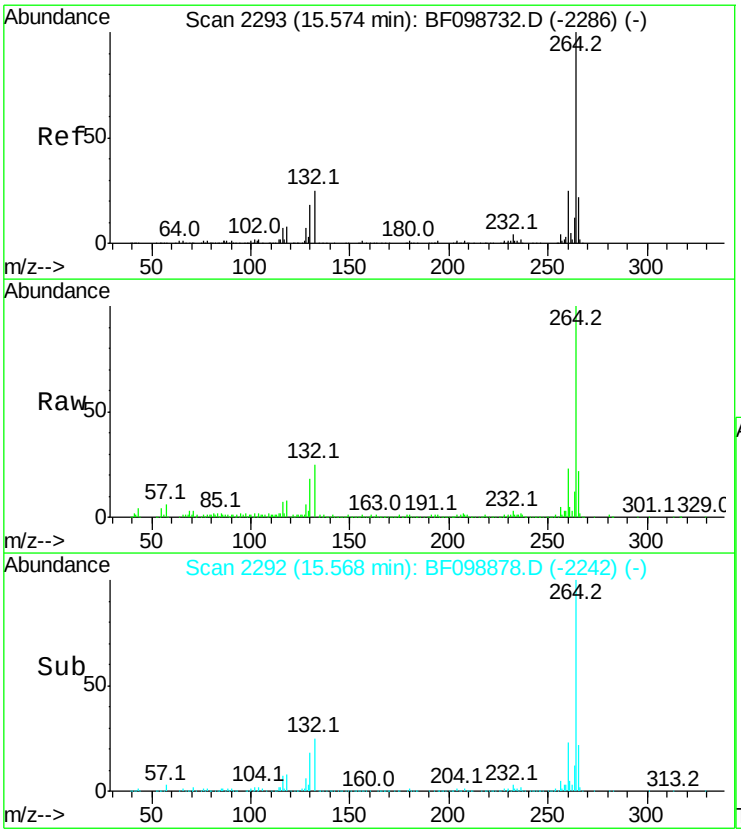
#78
Terphenyl-d14
Concen: 65.094 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tgt Ion:244 Resp: 896234

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	15.0	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: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:264 Resp: 249949

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.9	17.5	26.3