Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098770.D
Acq On : 24 Sep 2017 6:55
Operator : SJ/JU
Sample : I5298-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 091817-SIDI-F-U-S

Quant Time: Sep 25 08:38:34 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	138244	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	482016	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	175418	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	300912	20.00	ng	0.00
75) Chrysene-d12	14.09	240	299677	20.00	ng	0.00
86) Perylene-d12	15.57	264	226363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	326339	37.58	ng	0.00
7) Phenol-d6	6.53	99	228862	21.36	ng	-0.01
23) Nitrobenzene-d5	7.48	82	640320	85.19	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	102606	71.48	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	995480	94.74	ng	0.00
78) Terphenyl-d14	13.03	244	827826	62.82	ng	0.00
Target Compounds						Qvalue

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

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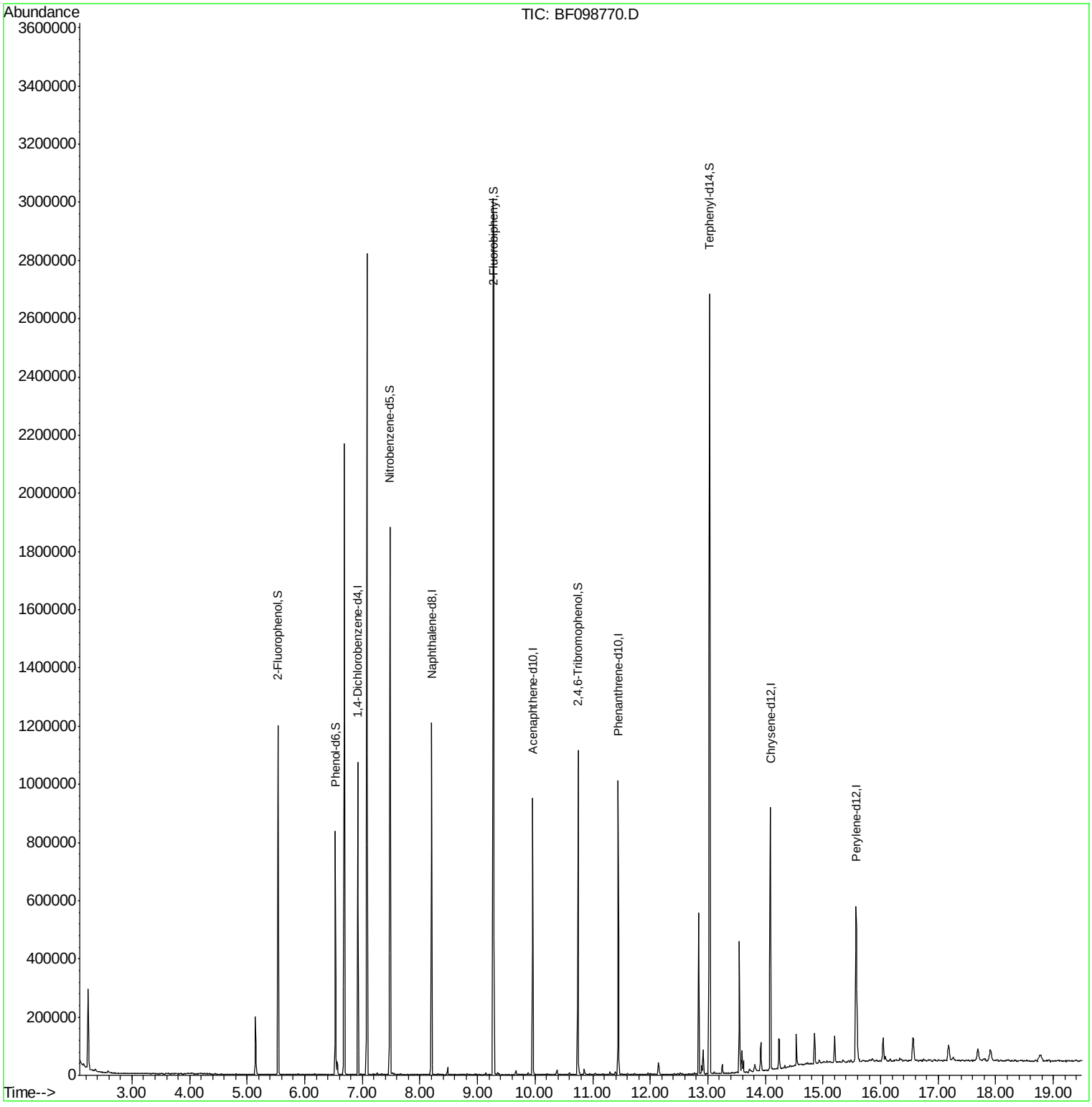
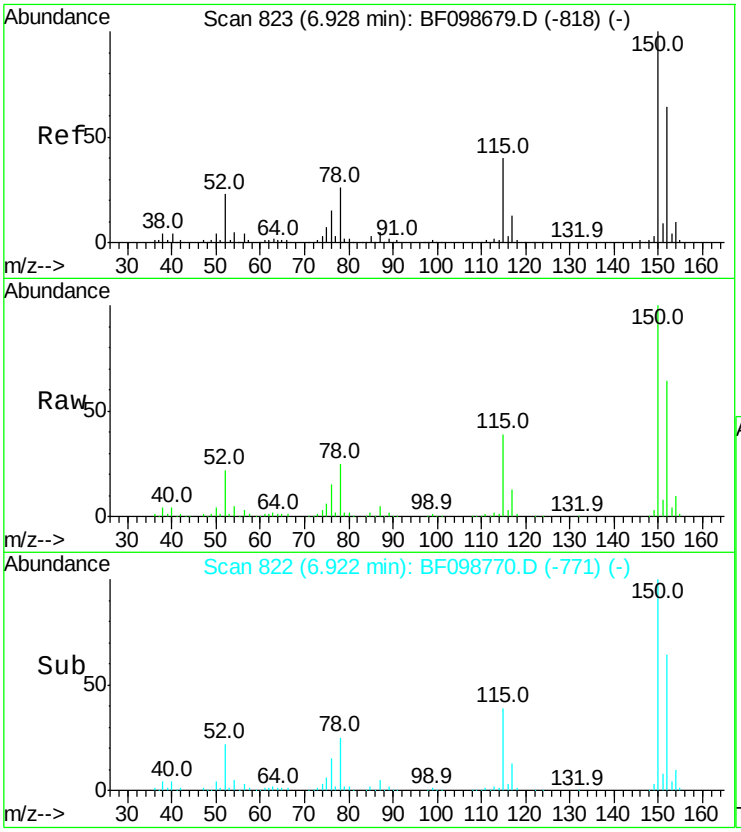


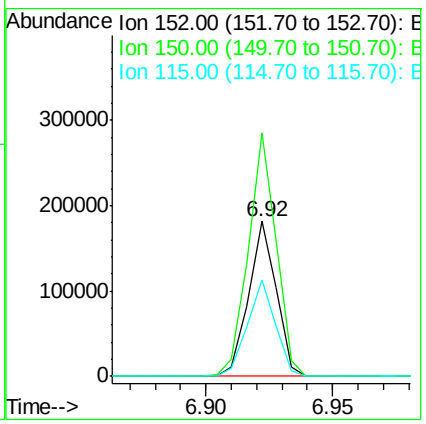


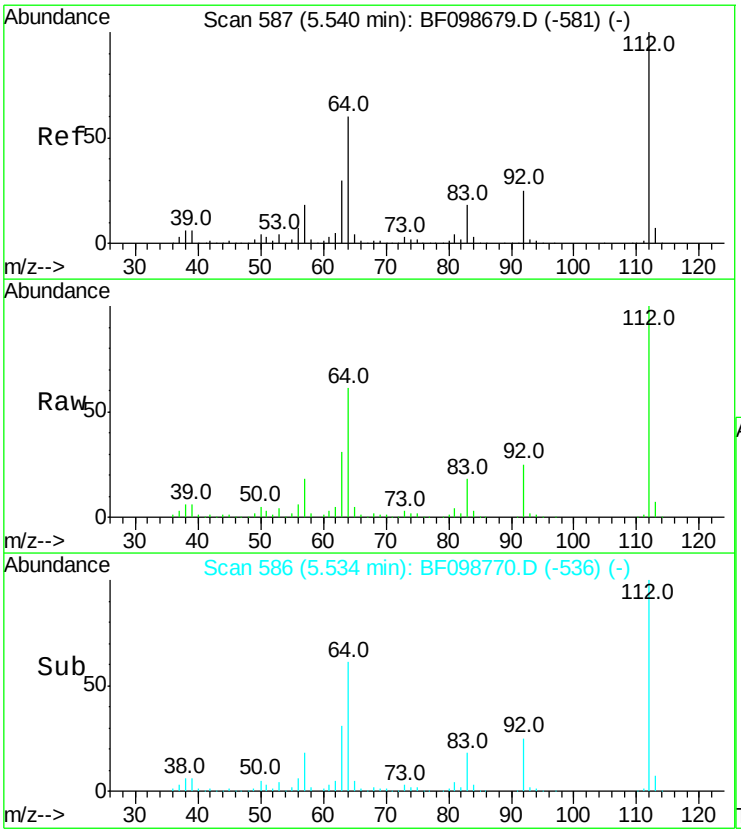
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Instrument :
BNA_F
ClientSampleId :
091817-SIDI-F-U-S

Tgt Ion:152 Resp: 138244

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	61.9	50.1	75.1

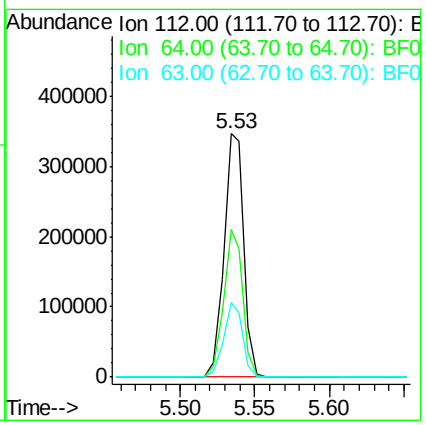


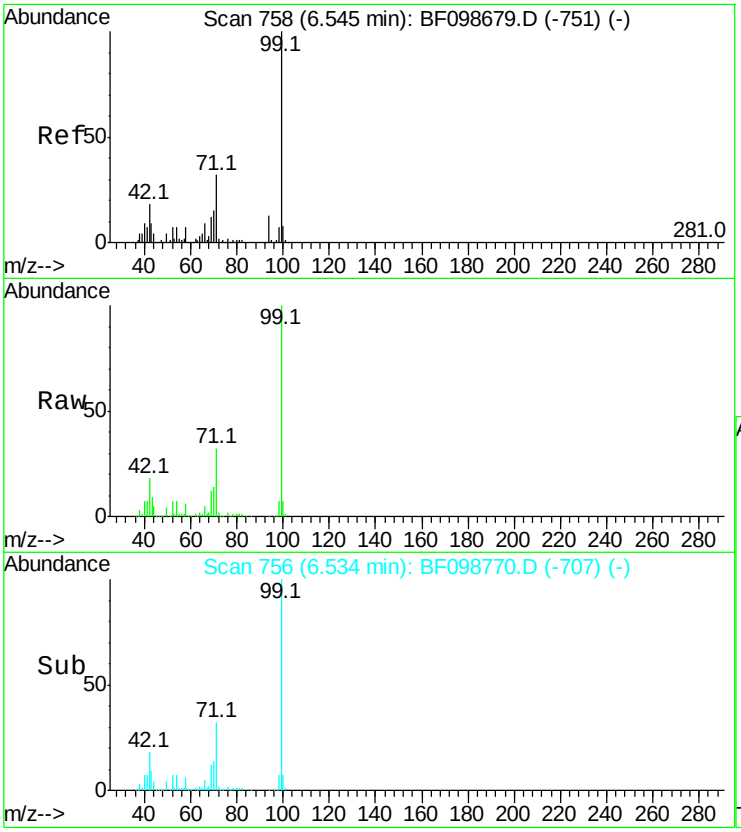


#5
2-Fluorophenol
Concen: 37.578 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Tgt Ion:112 Resp: 326339

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.8	23.7	35.5



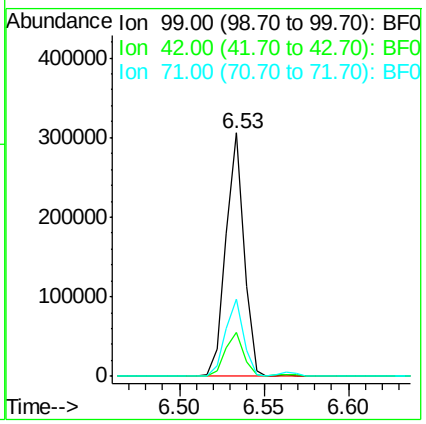


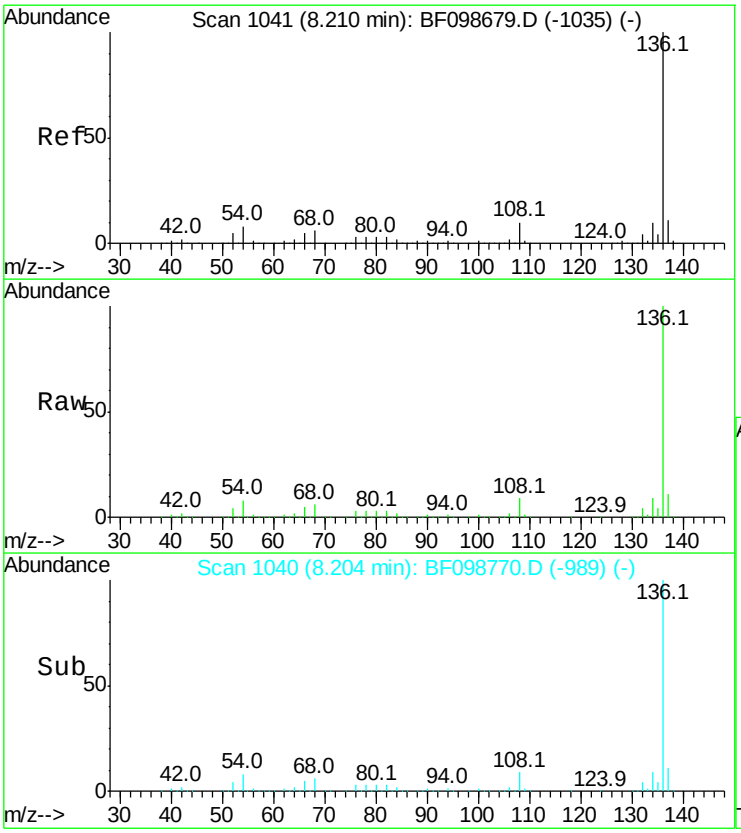
#7
Phenol-d6
Concen: 21.363 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Instrument :
BNA_F
ClientSampleId :
091817-SIDI-F-U-S

Tgt Ion: 99 Resp: 228862

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	32.0	25.4	38.0

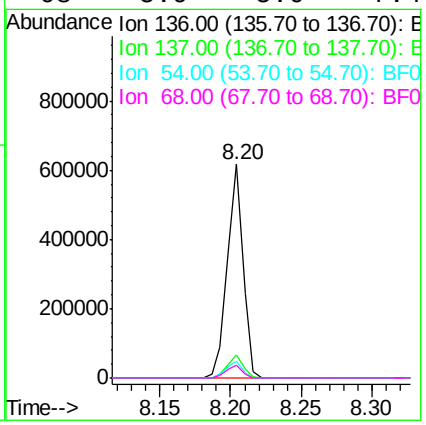


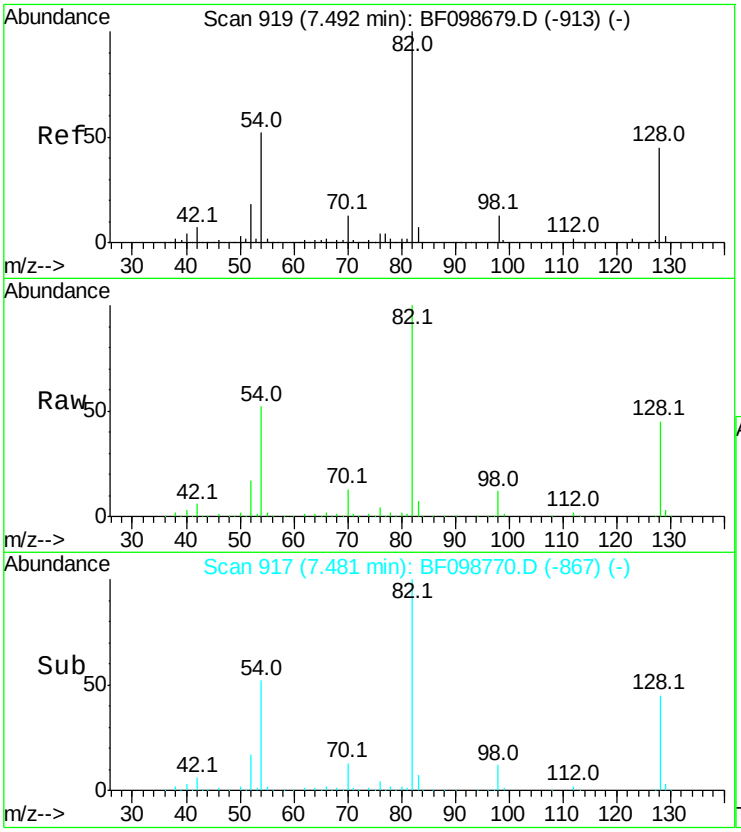


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Tgt Ion:136 Resp: 482016

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	5.9	5.0	7.4



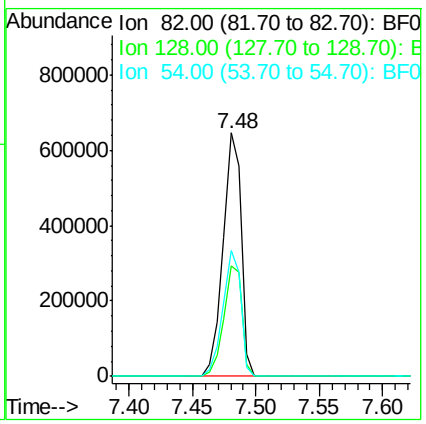


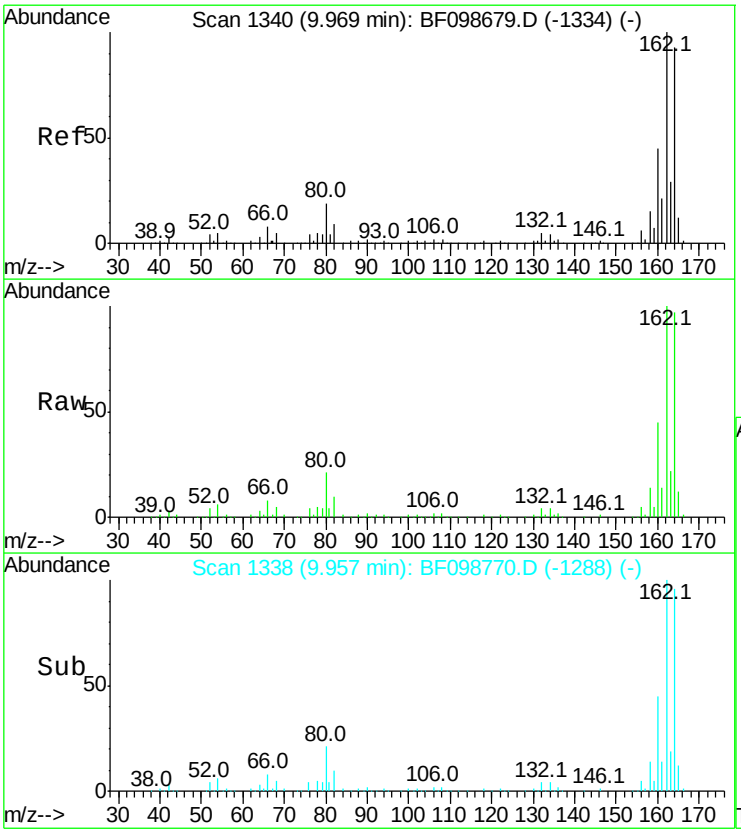
#23
Nitrobenzene-d5
Concen: 85.192 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Instrument :
BNA_F
ClientSampleId :
091817-SIDI-F-U-S

Tgt Ion: 82 Resp: 640320

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	51.8	41.4	62.2

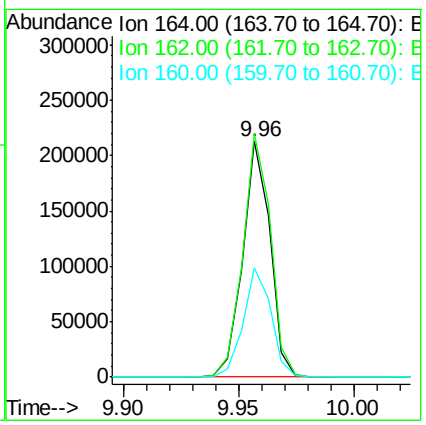


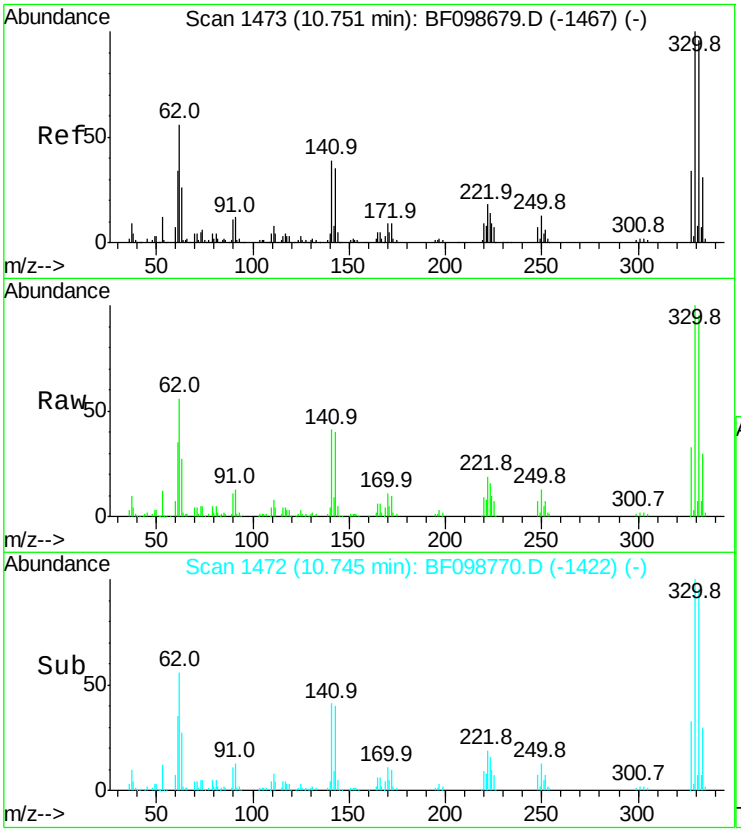


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Tgt Ion:164 Resp: 175418

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.1	38.3	57.5



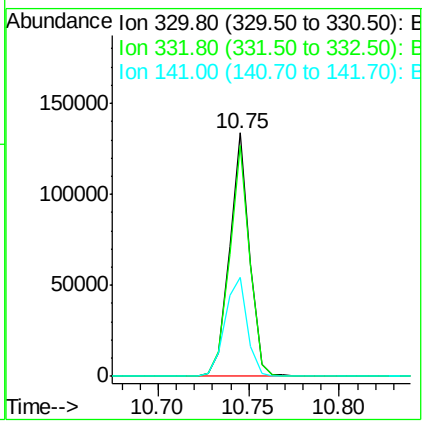


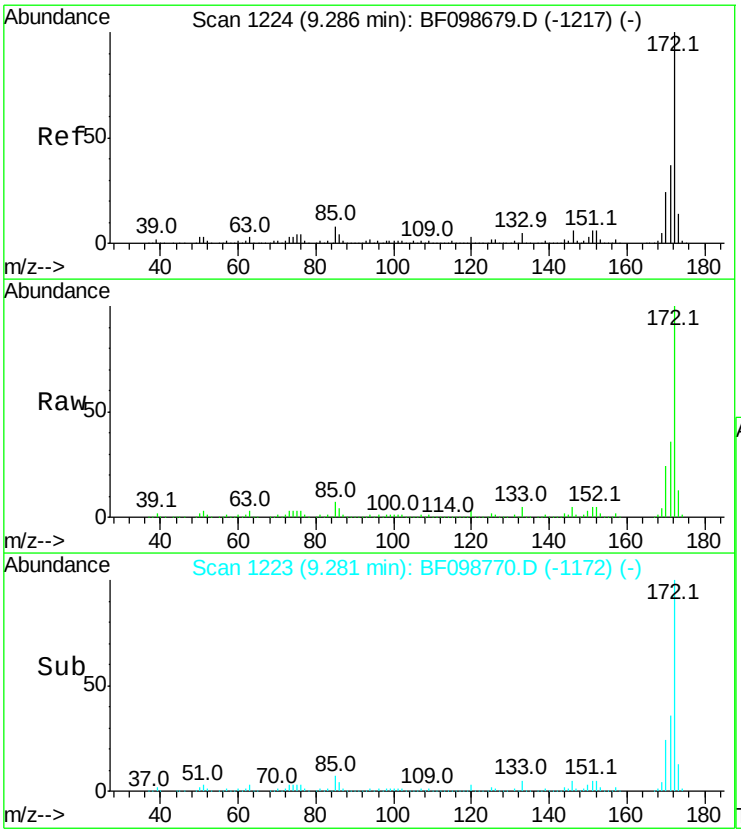
#41
2,4,6-Tribromophenol
Concen: 71.483 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Instrument :
BNA_F
ClientSampleId :
091817-SIDI-F-U-S

Tgt Ion:330 Resp: 102606

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	45.4	29.9	44.9#

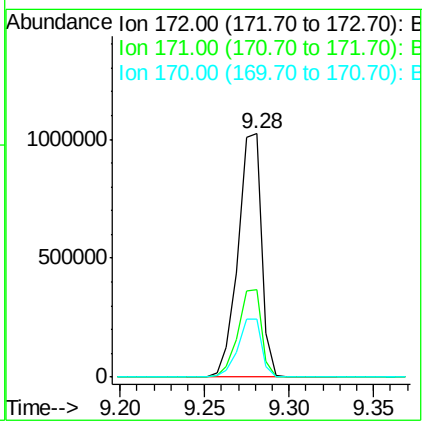


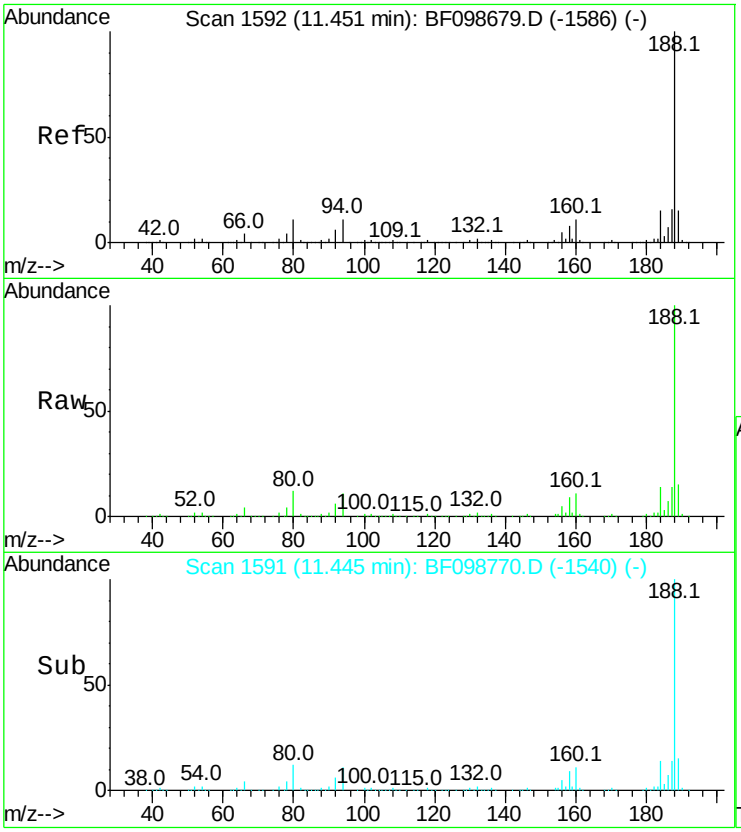


#44
2-Fluorobiphenyl
Concen: 94.738 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Tgt Ion:172 Resp: 995480

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



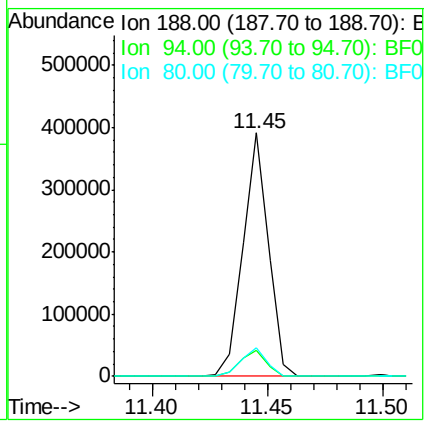


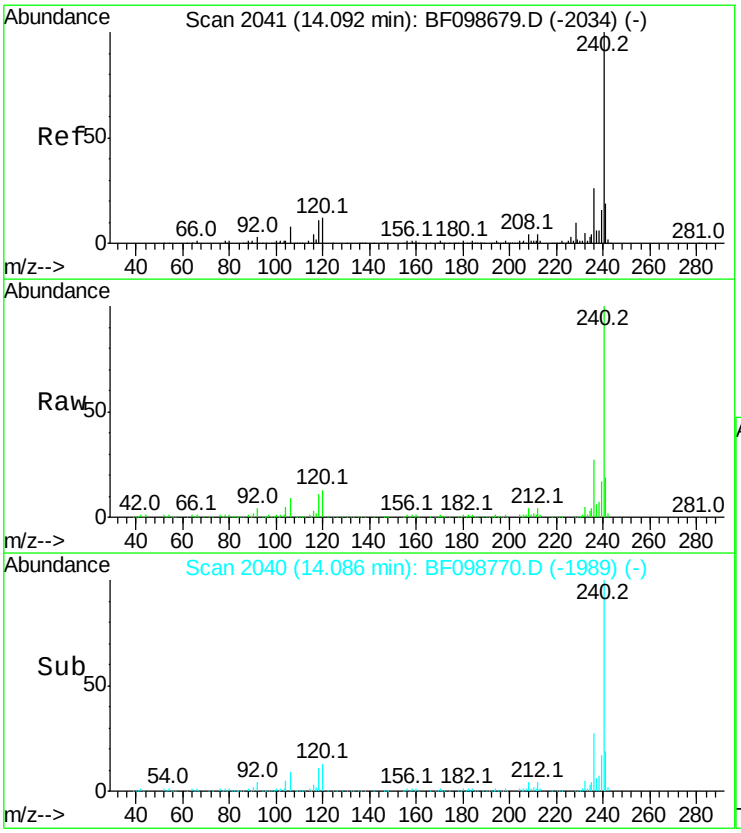
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Instrument :
BNA_F
ClientSampleId :
091817-SIDI-F-U-S

Tgt Ion:188 Resp: 300912

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8

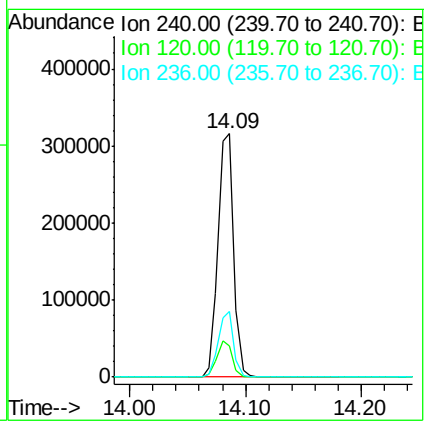


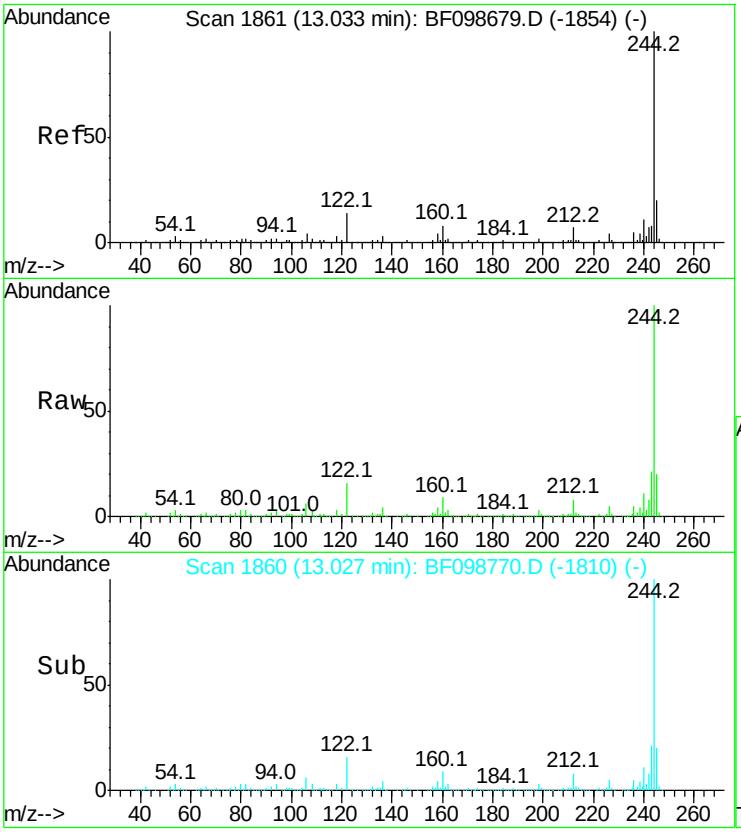


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Tgt Ion:240 Resp: 299677

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.8	20.7	31.1



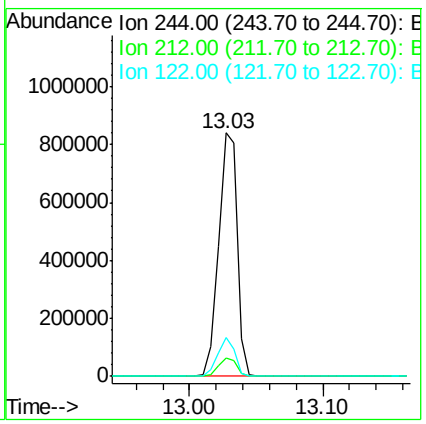


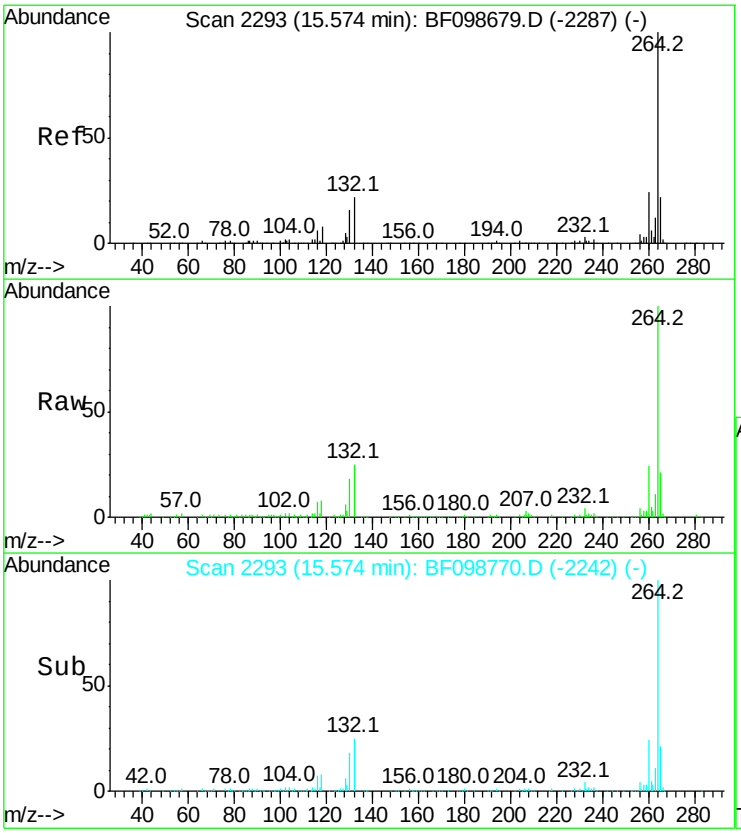
#78
Terphenyl-d14
Concen: 62.822 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Instrument :
BNA_F
ClientSampleId :
091817-SIDI-F-U-S

Tgt Ion:244 Resp: 827826

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	15.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF098770.D
Acq: 24 Sep 2017 6:55

Tgt Ion:264 Resp: 226363

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.6	17.5	26.3