Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098956.D
Acq On : 29 Sep 2017 18:58
Operator : SJ/JU
Sample : I5473-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-092717

Quant Time: Sep 29 19:25:42 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	146298	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	617382	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	277477	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	446815	20.00	ng	0.00
75) Chrysene-d12	14.07	240	230229	20.00	ng	-0.01
86) Perylene-d12	15.57	264	224732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1124552	122.36	ng	0.02
7) Phenol-d6	6.55	99	1208498	106.60	ng	0.00
23) Nitrobenzene-d5	7.48	82	960166	99.74	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	297864	131.19	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1651987	99.39	ng	0.00
78) Terphenyl-d14	13.03	244	1155283	114.12	ng	0.00
Target Compounds						Qvalue

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

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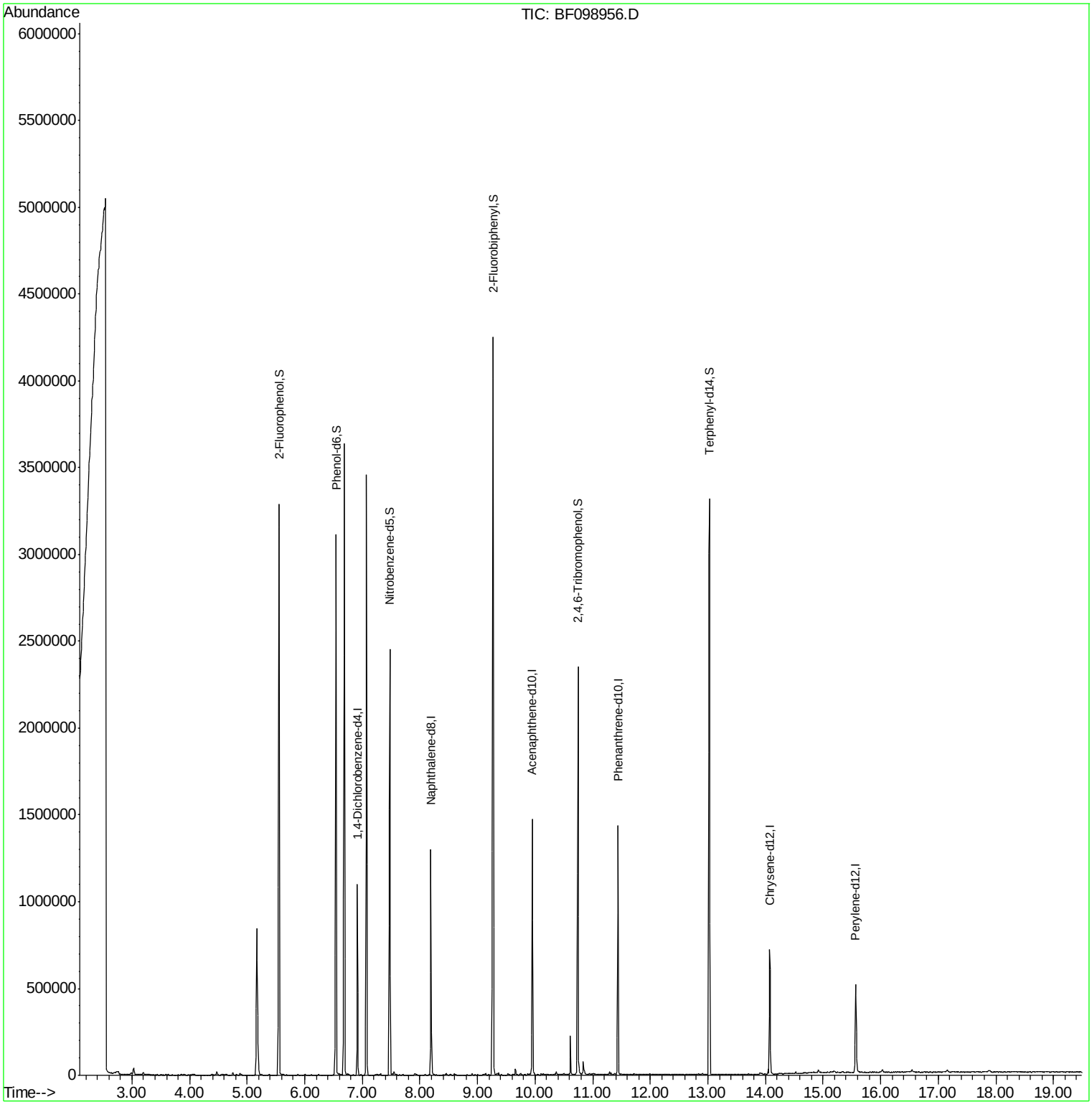
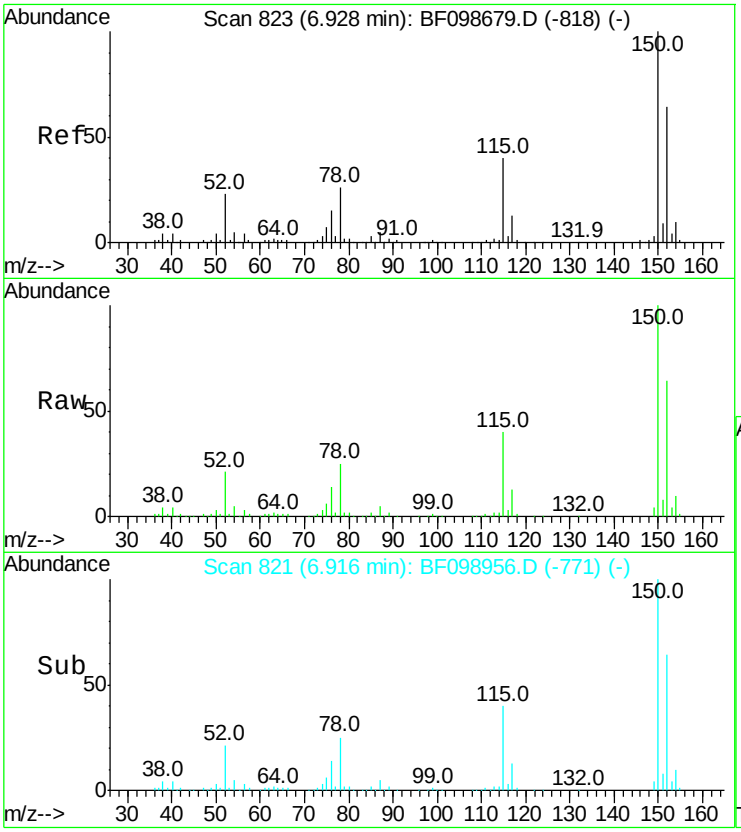


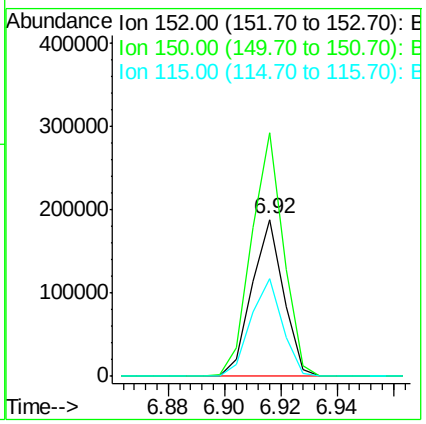


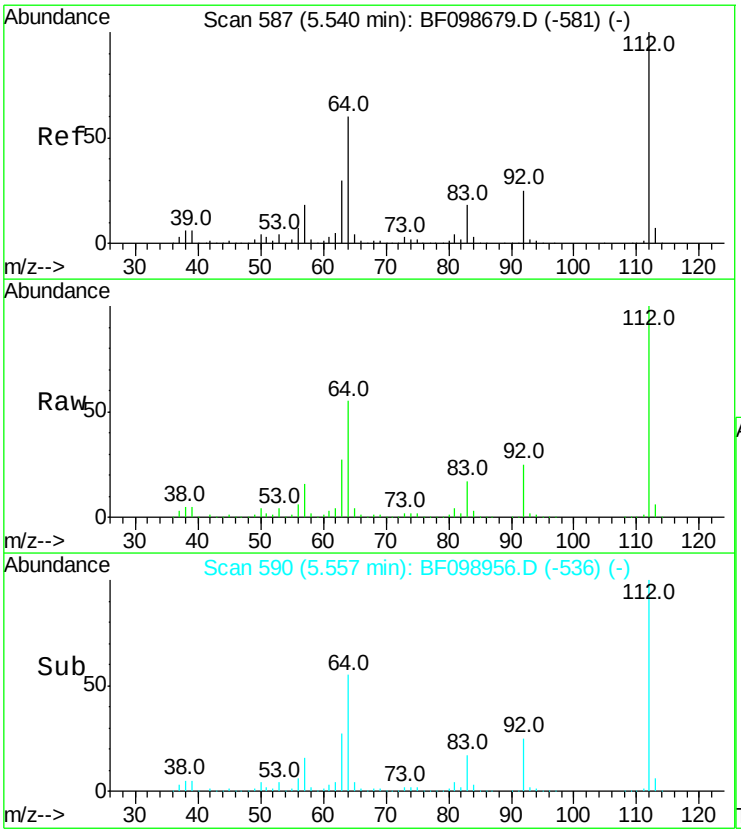
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TR-04-092717

Tgt Ion:152 Resp: 146298

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	62.0	50.1	75.1

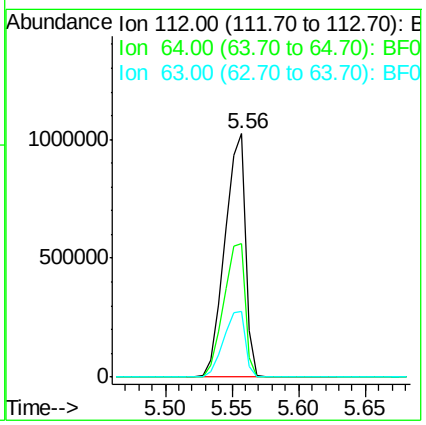


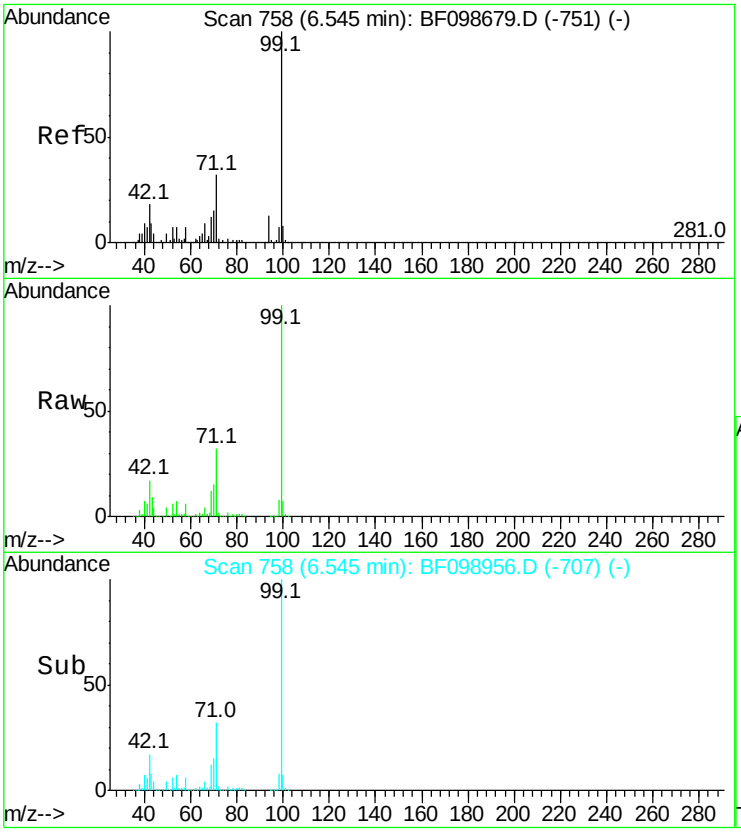


#5
2-Fluorophenol
Concen: 122.365 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Tgt Ion:112 Resp: 1124552

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	26.9	23.7	35.5



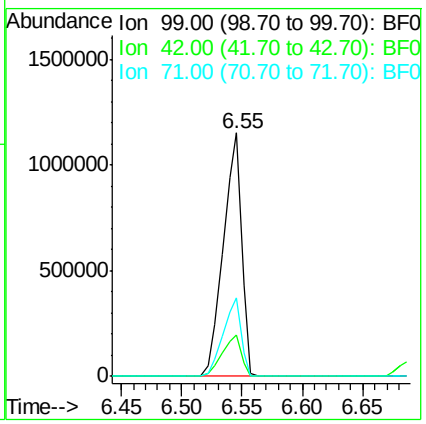


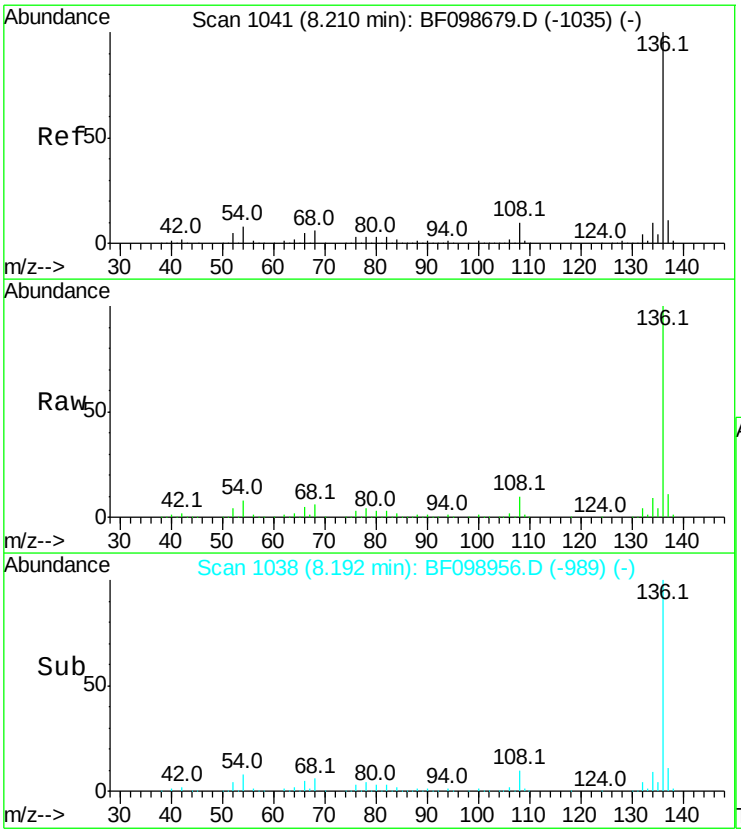
#7
Phenol-d6
Concen: 106.597 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TR-04-092717

Tgt Ion: 99 Resp: 1208498

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.5	21.7
71	32.2	25.4	38.0

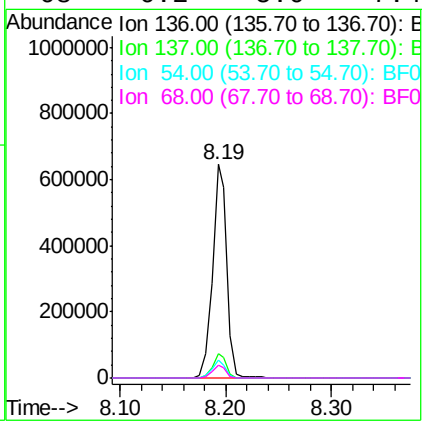


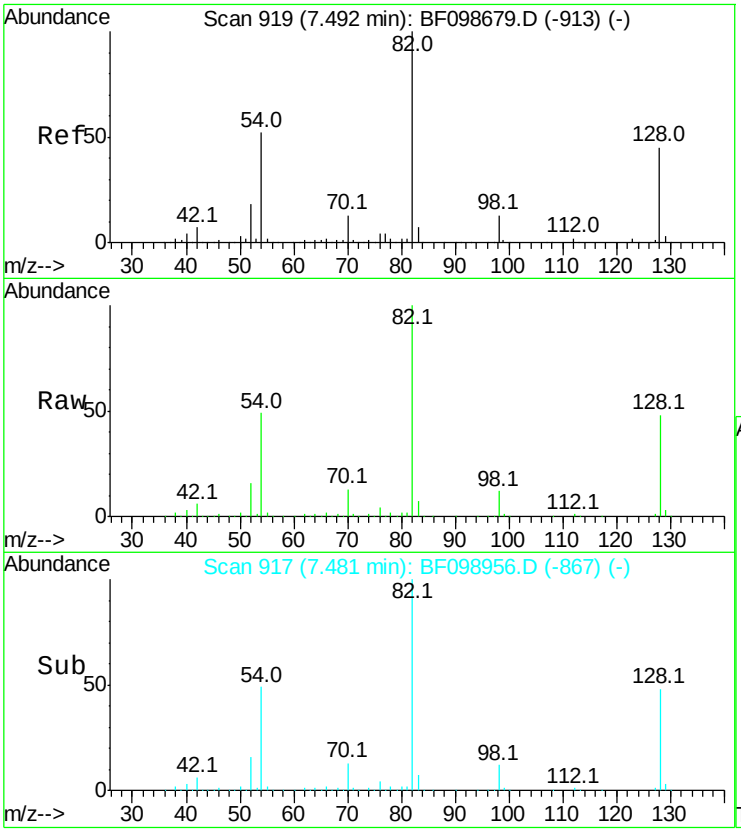


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Tgt Ion:136 Resp: 617382

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.2	5.0	7.4



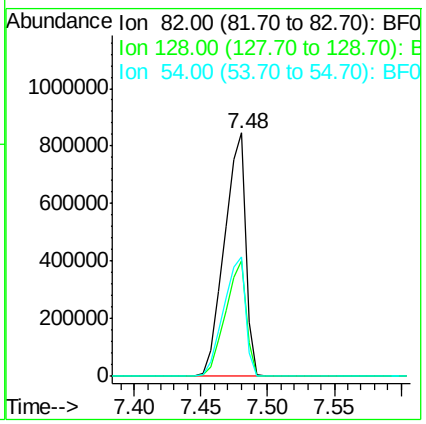


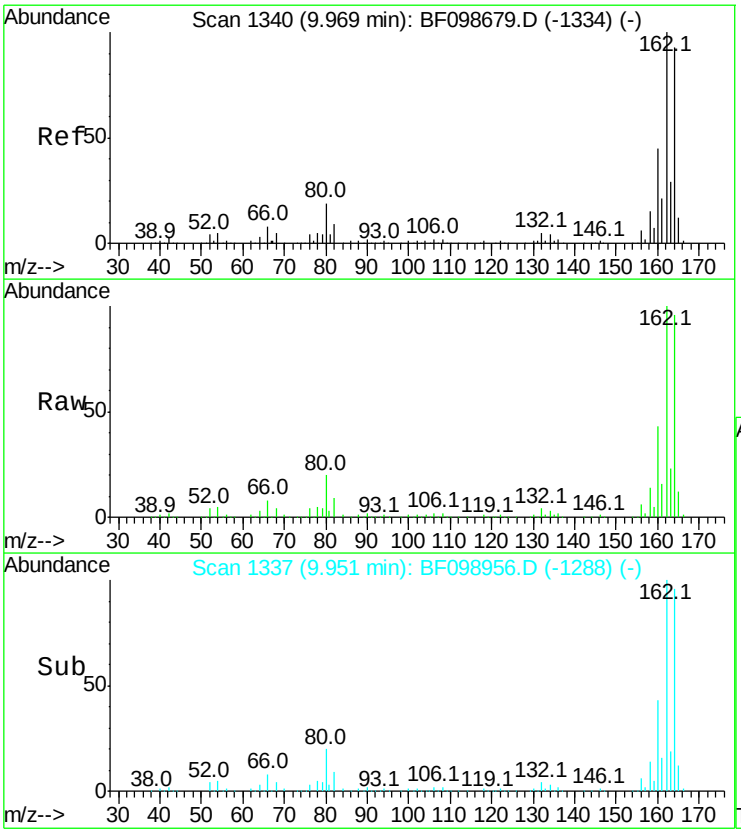
#23
Nitrobenzene-d5
Concen: 99.737 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TR-04-092717

Tgt Ion: 82 Resp: 960166

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	49.0	41.4	62.2

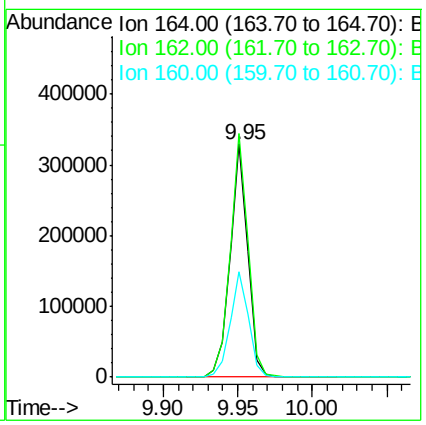


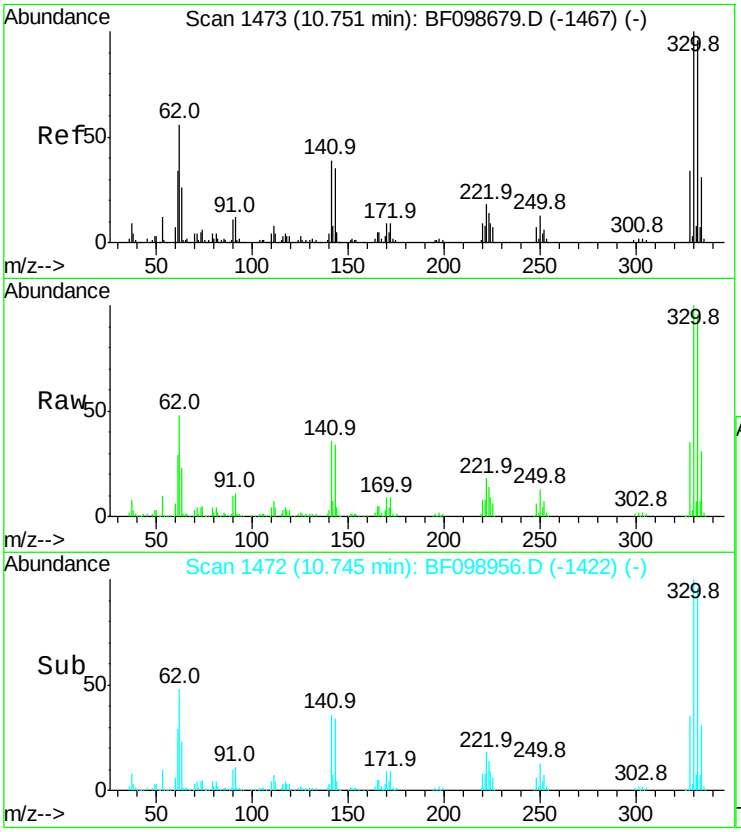


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Tgt Ion:164 Resp: 277477

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.4	38.3	57.5



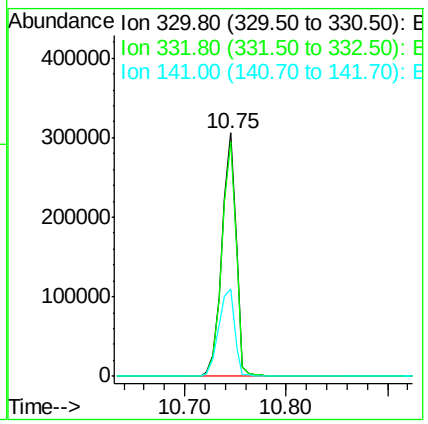


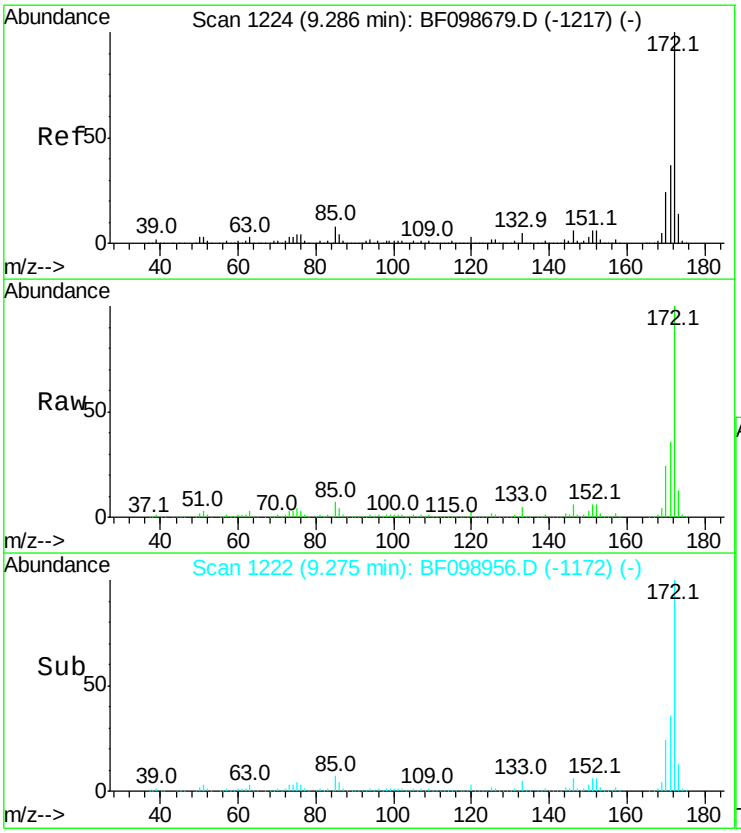
#41
2,4,6-Tribromophenol
Concen: 131.188 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TR-04-092717

Tgt Ion:330 Resp: 297864

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.8	29.9	44.9

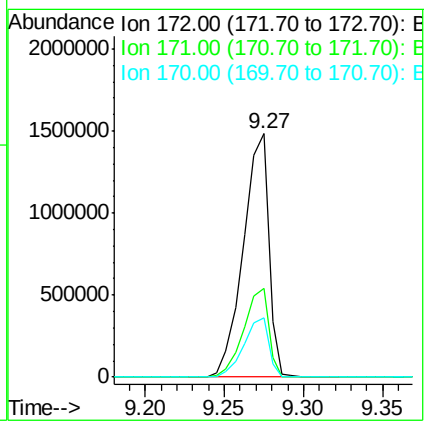


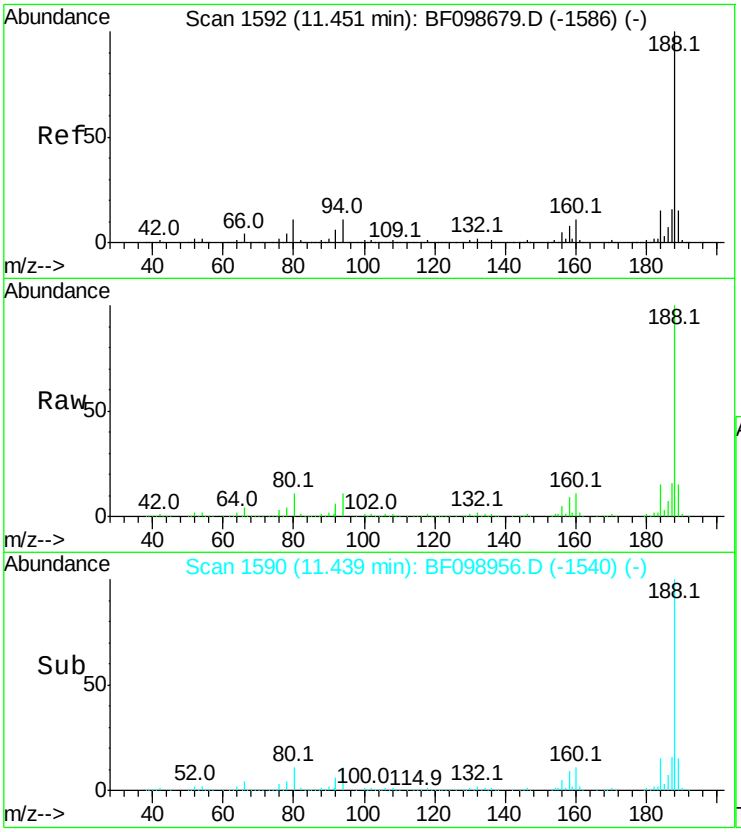


#44
2-Fluorobiphenyl
Concen: 99.390 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Tgt Ion:172 Resp: 1651987

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



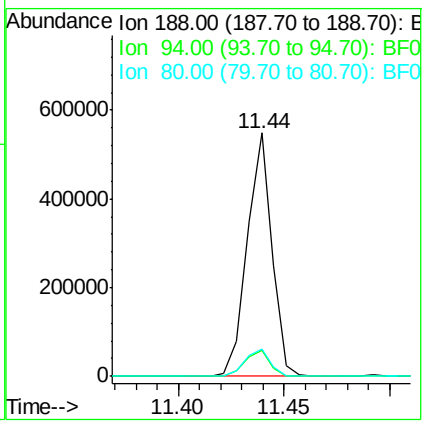


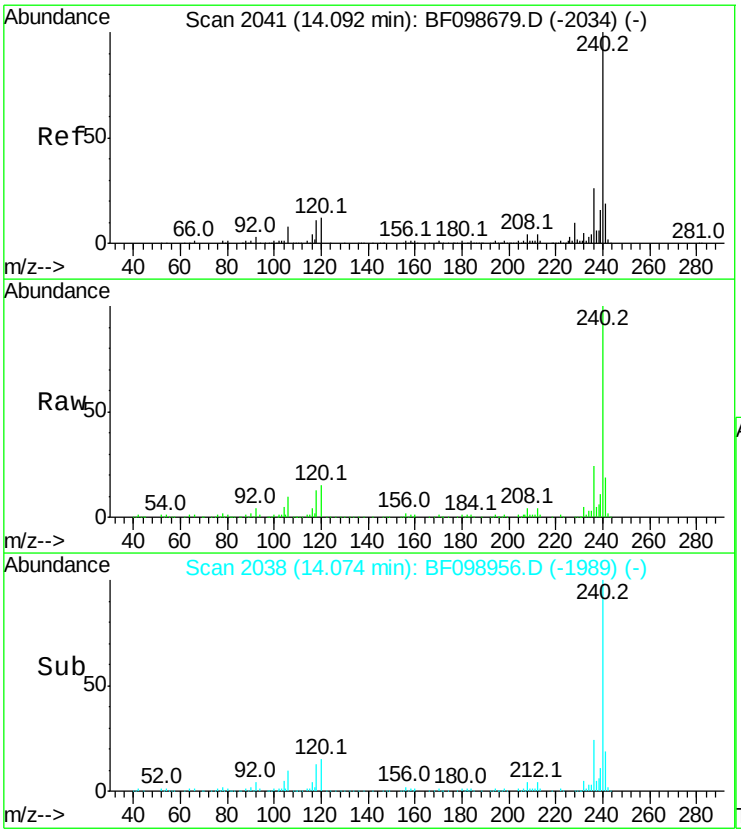
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TR-04-092717

Tgt Ion:188 Resp: 446815

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

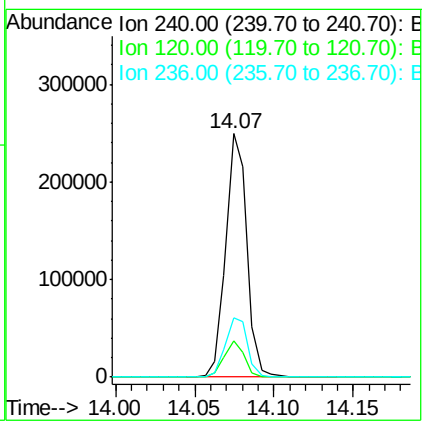


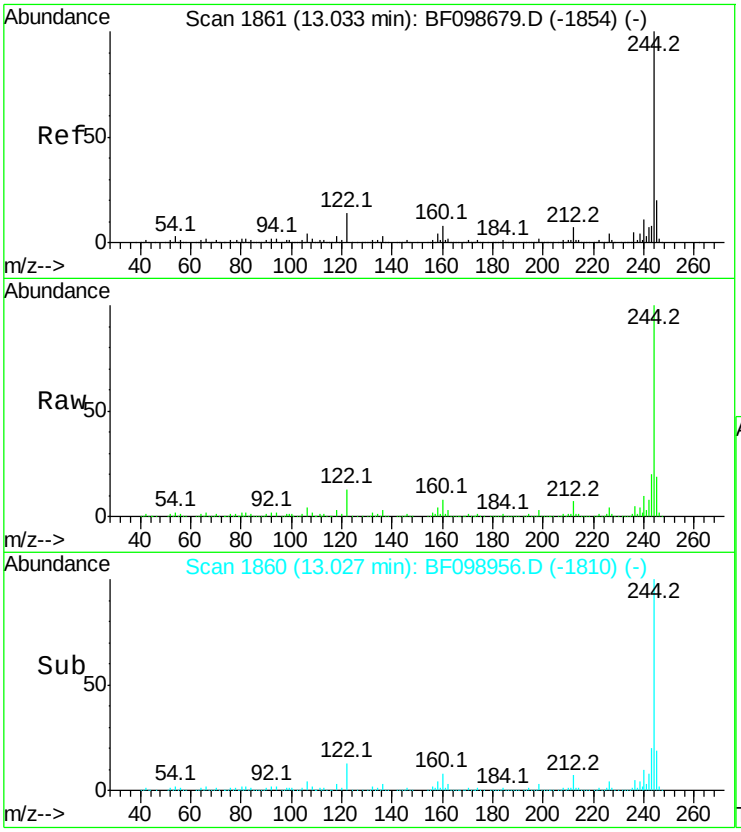


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Tgt Ion:240 Resp: 230229

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	24.5	20.7	31.1



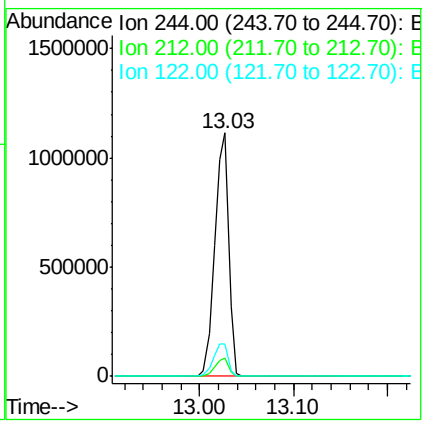


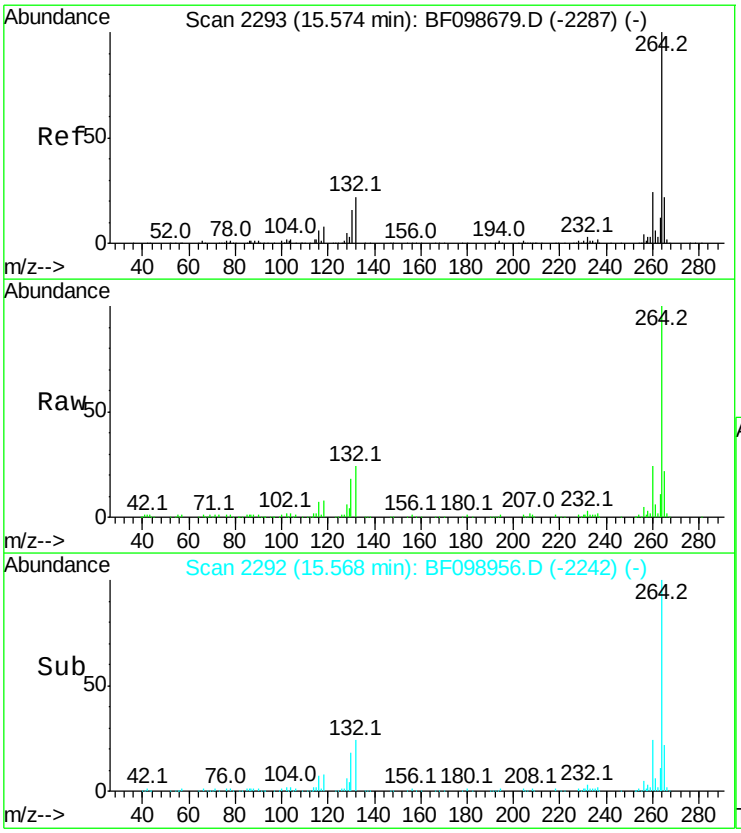
#78
Terphenyl-d14
Concen: 114.119 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098956.D
Acq: 29 Sep 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TR-04-092717

Tgt Ion:244 Resp: 1155283

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.3	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: BF098956.D
Acq: 29 Sep 2017 18:58

Tgt Ion:264 Resp: 224732

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3