Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098319.D
Acq On : 7 Sep 2017 17:49
Operator : SJ/JU
Sample : I5066-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1

Quant Time: Sep 08 02:03:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111485	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	436265	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	184793	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	311786	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	253078	20.00	ng	-0.02
86) Perylene-d12	15.25	264	202179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	589609	80.44	ng	-0.01
7) Phenol-d6	6.33	99	546951	54.92	ng	-0.02
23) Nitrobenzene-d5	7.26	82	737003	91.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	211439	131.87	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1097953	87.29	ng	-0.02
78) Terphenyl-d14	12.79	244	788082	64.94	ng	-0.02
Target Compounds						Qvalue

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

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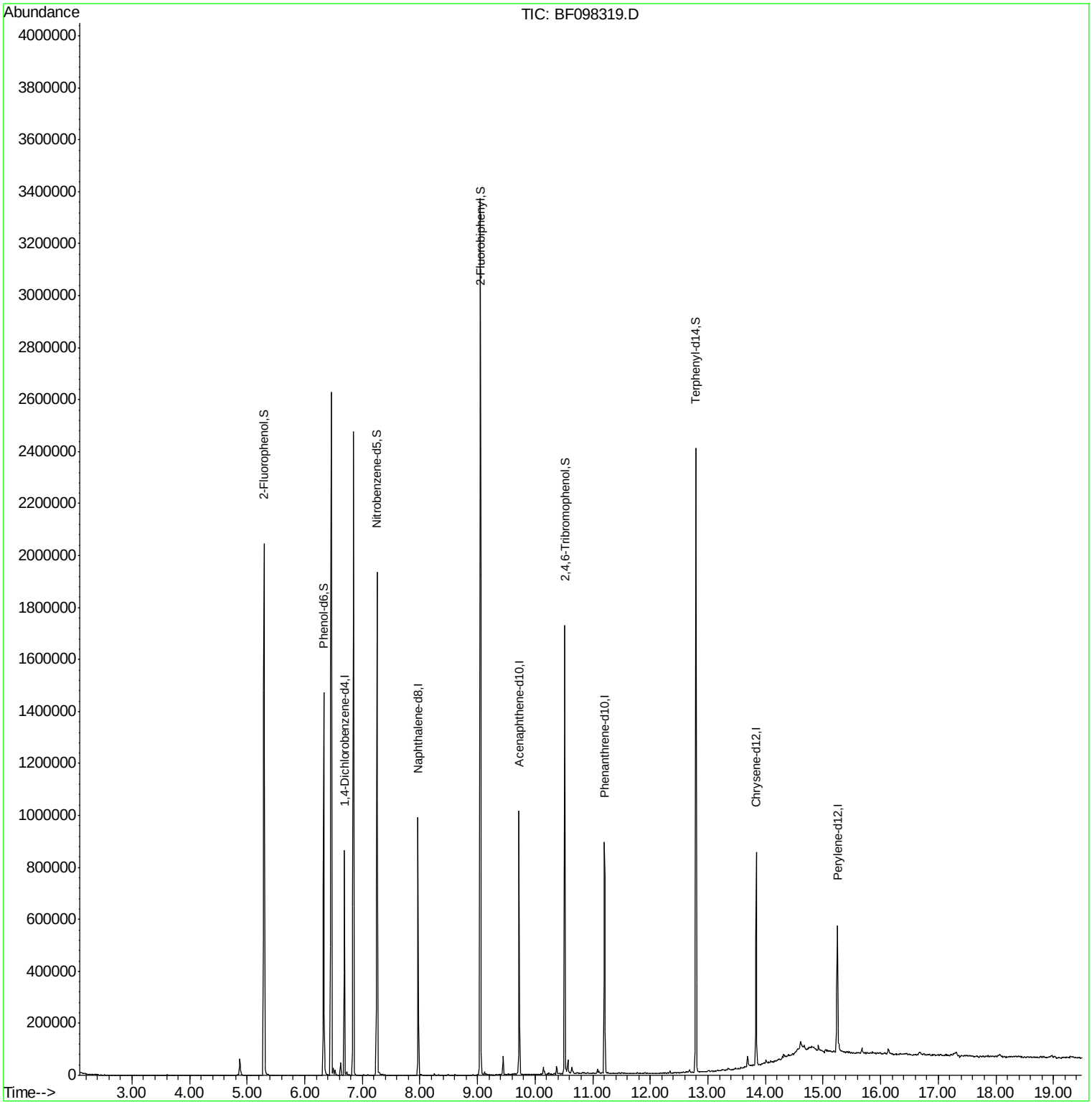
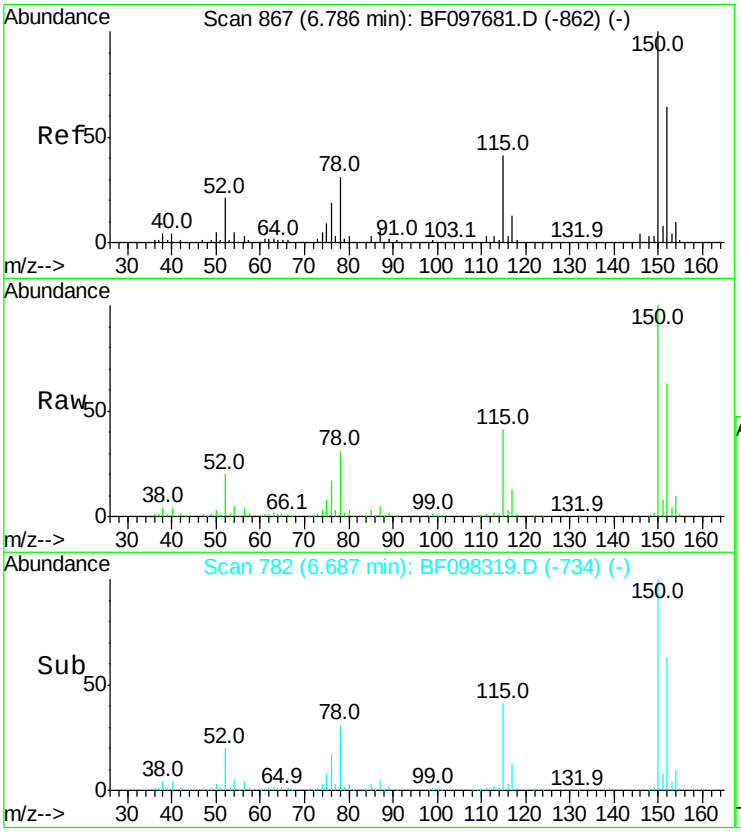


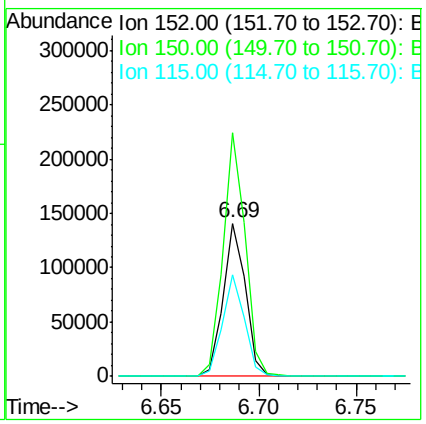


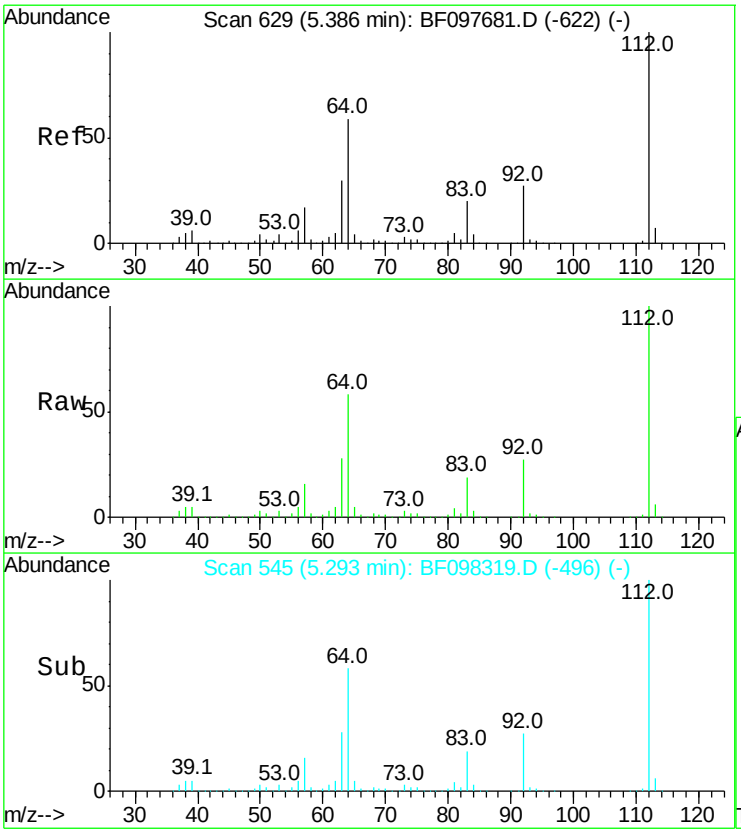
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:152 Resp: 111485

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	66.1	52.2	78.2

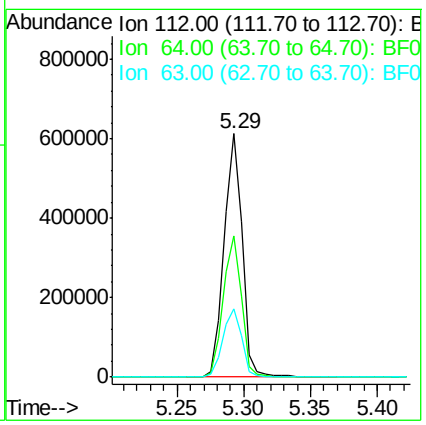


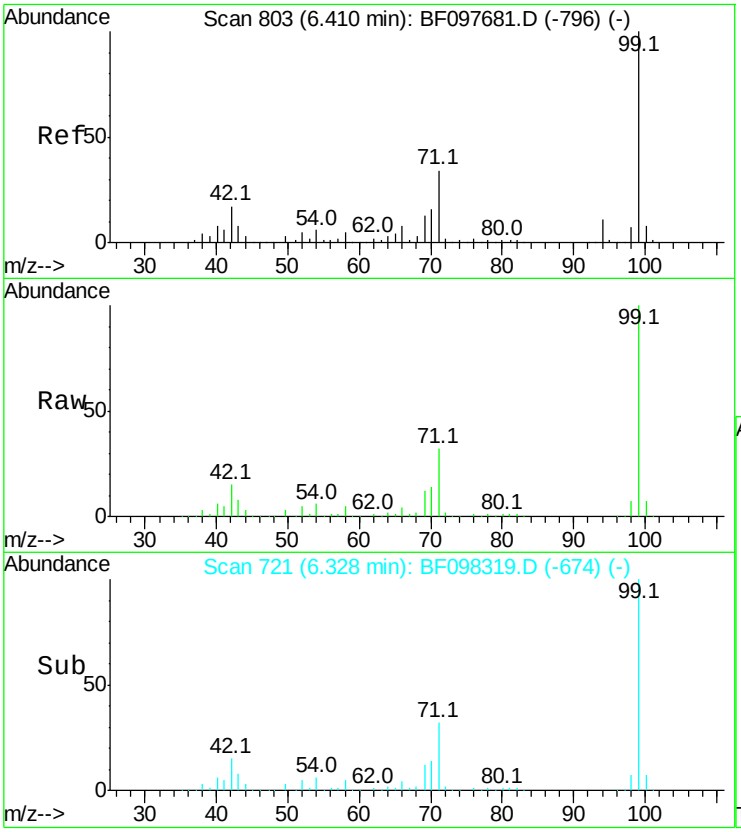


#5
2-Fluorophenol
Concen: 80.445 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion:112 Resp: 589609

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	28.3	23.4	35.0



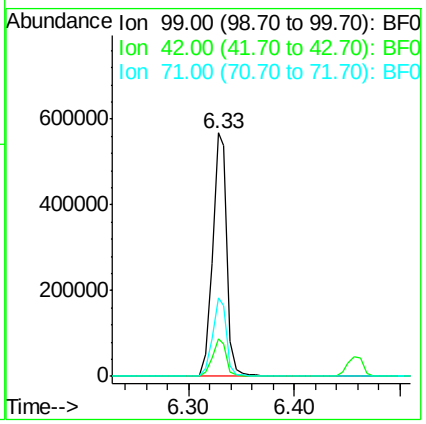


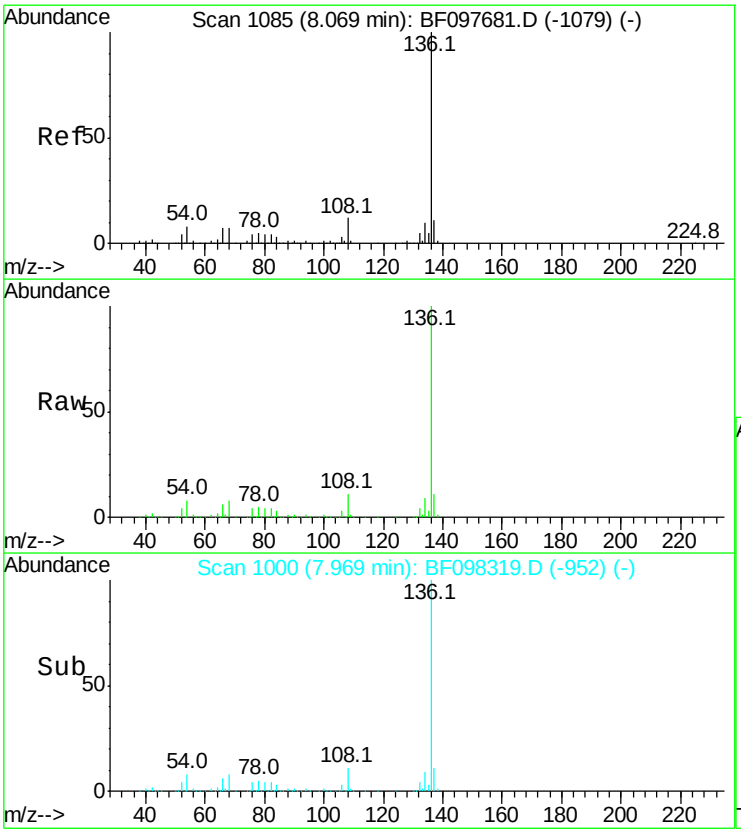
#7
Phenol-d6
Concen: 54.923 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion: 99 Resp: 546951

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.5	24.5	36.7

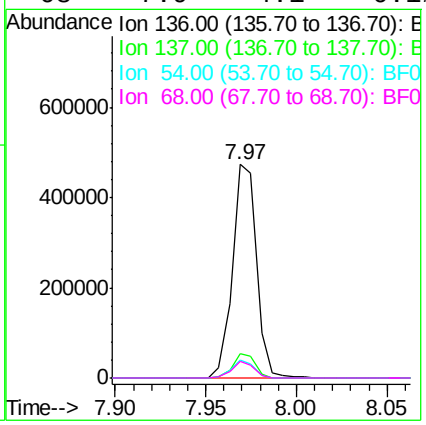


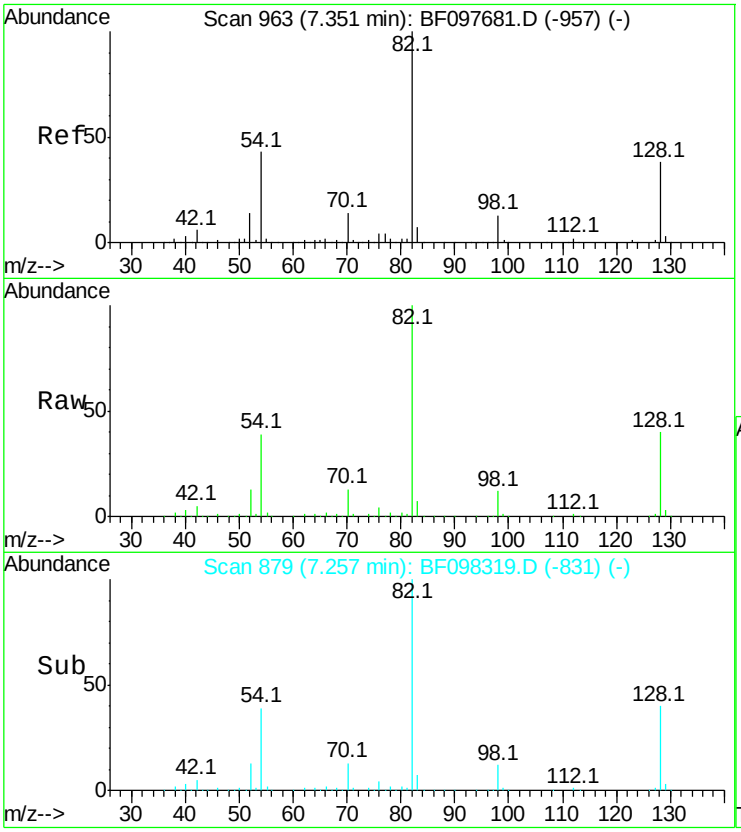


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion:136 Resp: 436265

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.4	4.9	7.3#
68	7.9	4.1	6.1#



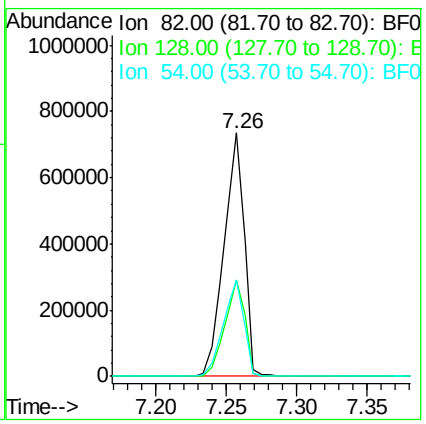


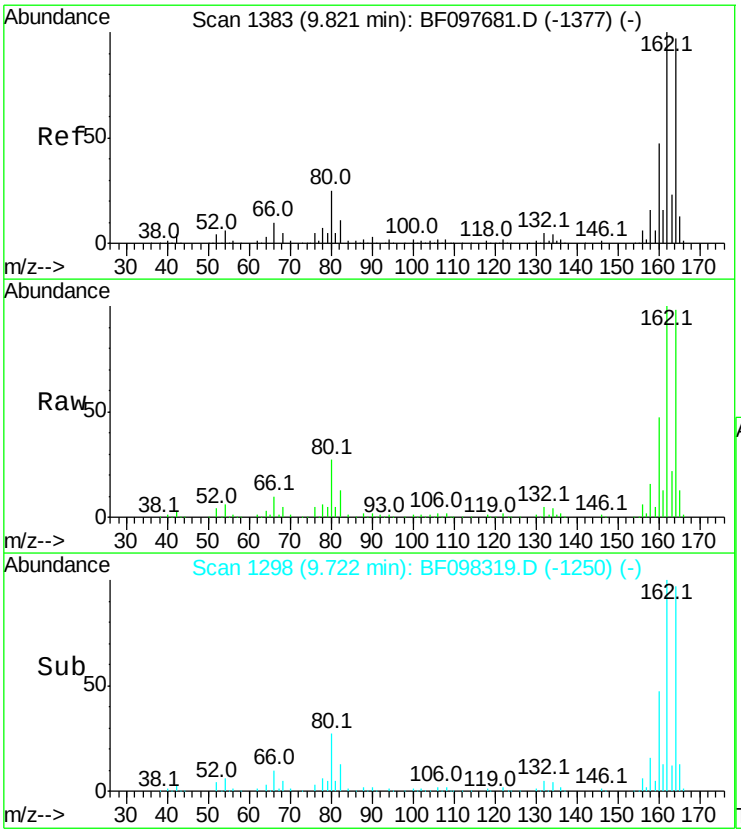
#23
Nitrobenzene-d5
Concen: 91.773 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion: 82 Resp: 737003

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.0	51.0
54	39.5	42.2	63.2#

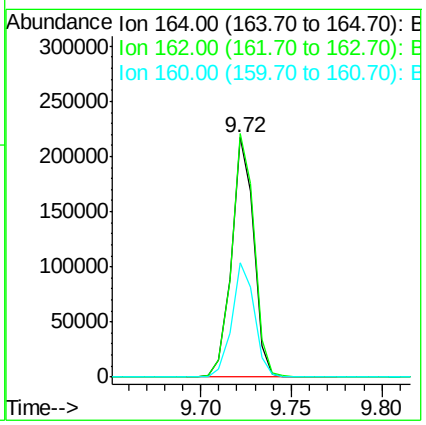


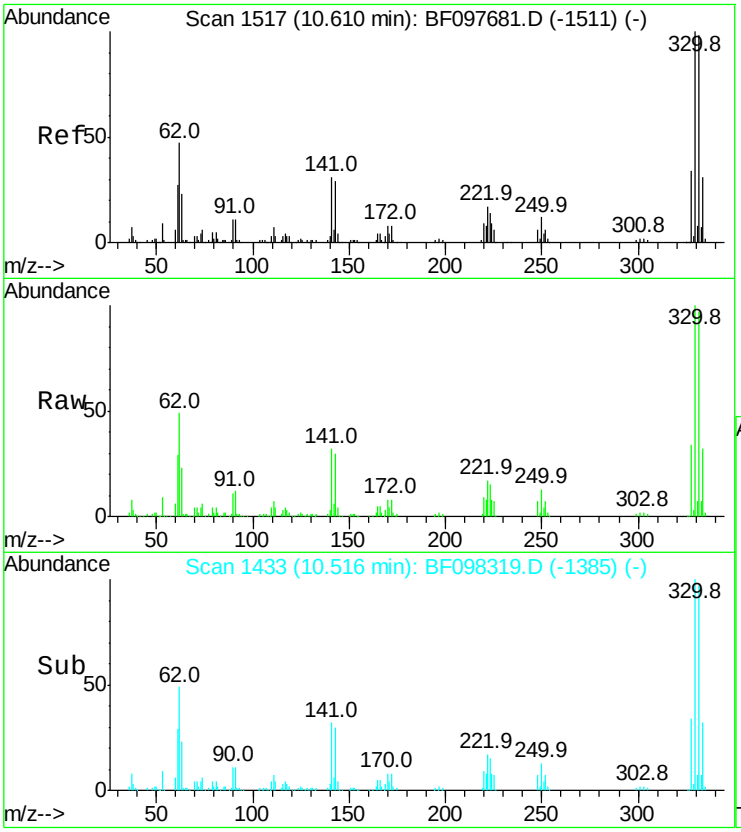


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion:164 Resp: 184793

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	48.0	36.2	54.2



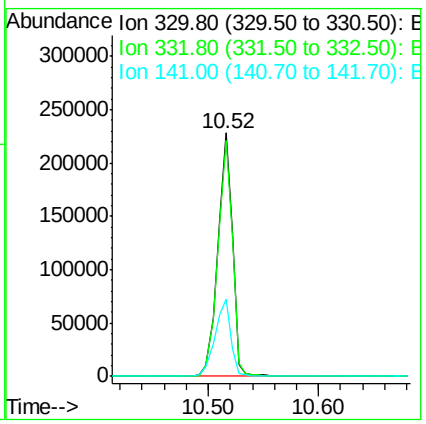


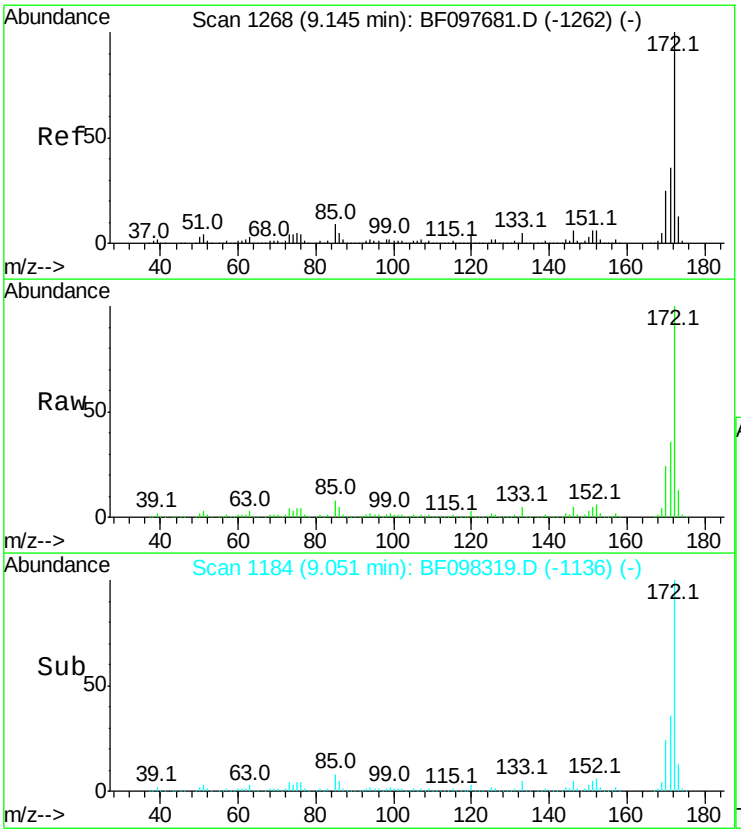
#41
2,4,6-Tribromophenol
Concen: 131.871 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:330 Resp: 211439

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	33.9	31.4	47.2

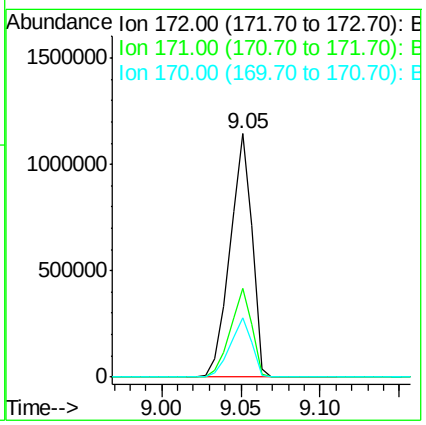


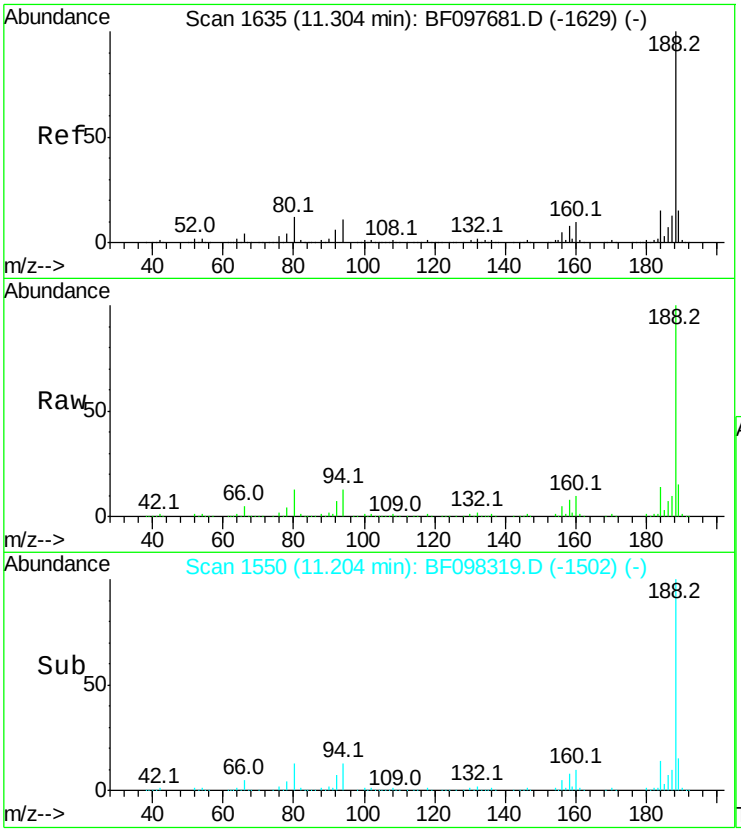


#44
2-Fluorobiphenyl
Concen: 87.293 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion:172 Resp: 1097953

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8



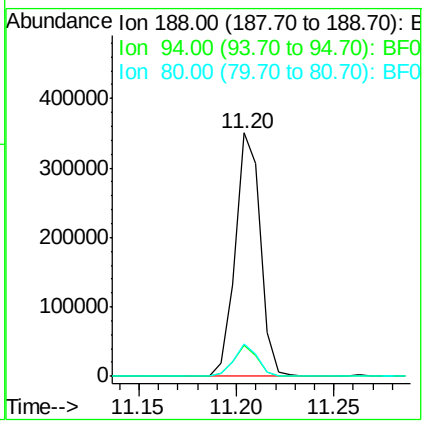


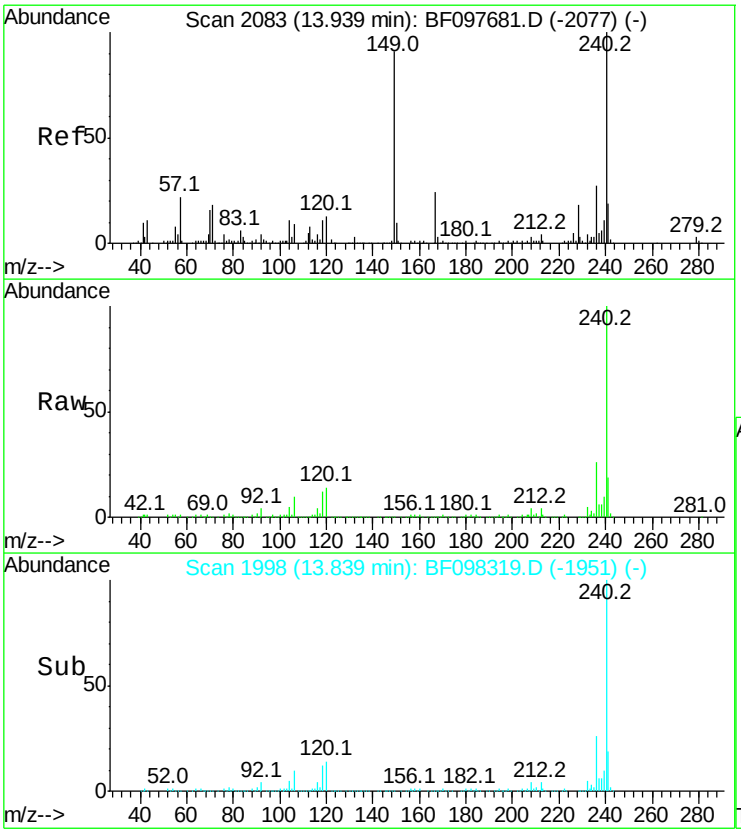
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:188 Resp: 311786

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	13.4	10.2	15.2

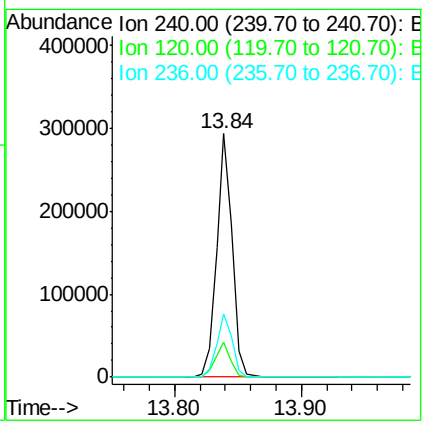


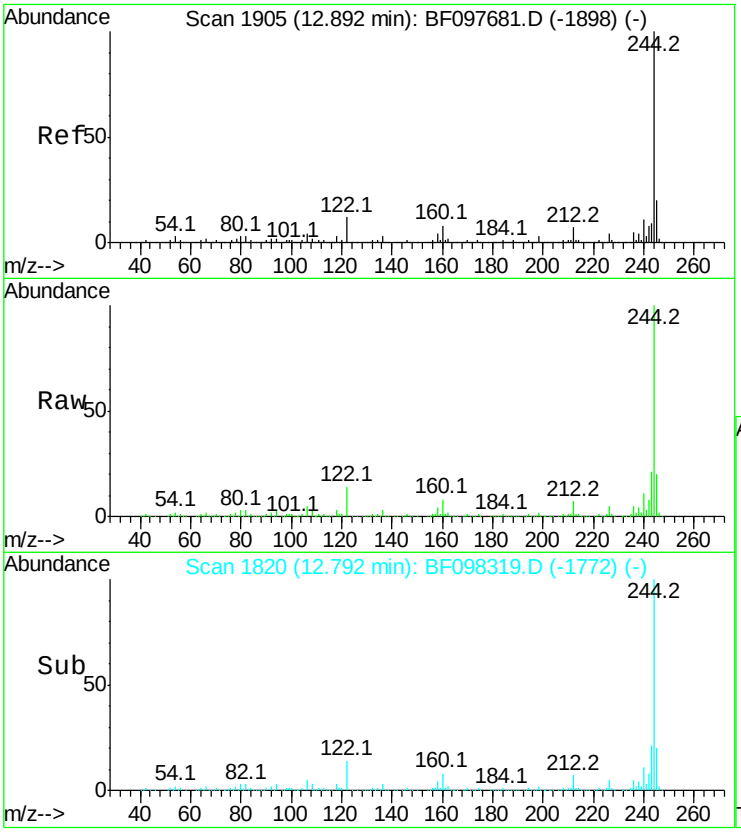


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion:240 Resp: 253078

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	26.0	20.5	30.7



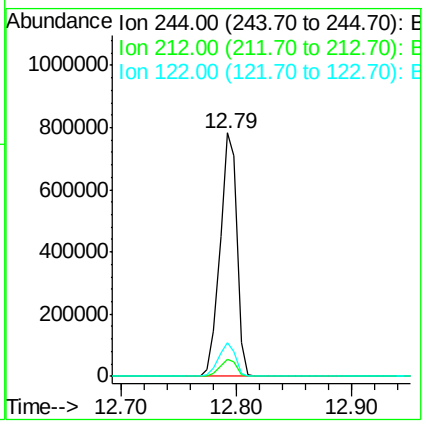


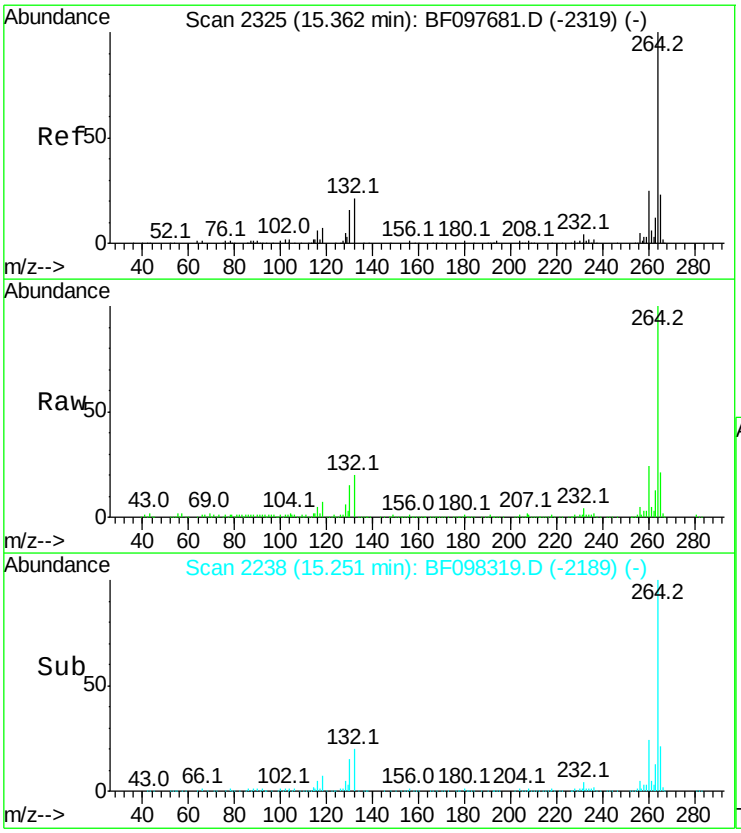
#78
Terphenyl-d14
Concen: 64.937 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:244 Resp: 788082

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion:264 Resp: 202179

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.2	25.8