Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099245.D
Acq On : 8 Oct 2017 21:21
Operator : SJ/JU
Sample : I5542-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C6-GW

Quant Time: Oct 09 02:49:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137550	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	559156	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	259570	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	441490	20.00	ng	0.00
75) Chrysene-d12	14.03	240	309505	20.00	ng	0.00
86) Perylene-d12	15.50	264	237580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	586665	67.90	ng	0.00
7) Phenol-d6	6.49	99	467132	43.82	ng	0.00
23) Nitrobenzene-d5	7.43	82	750291	86.05	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	270161	127.20	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1332570	85.70	ng	0.00
78) Terphenyl-d14	12.97	244	1060298	77.91	ng	0.00
Target Compounds						Qvalue

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

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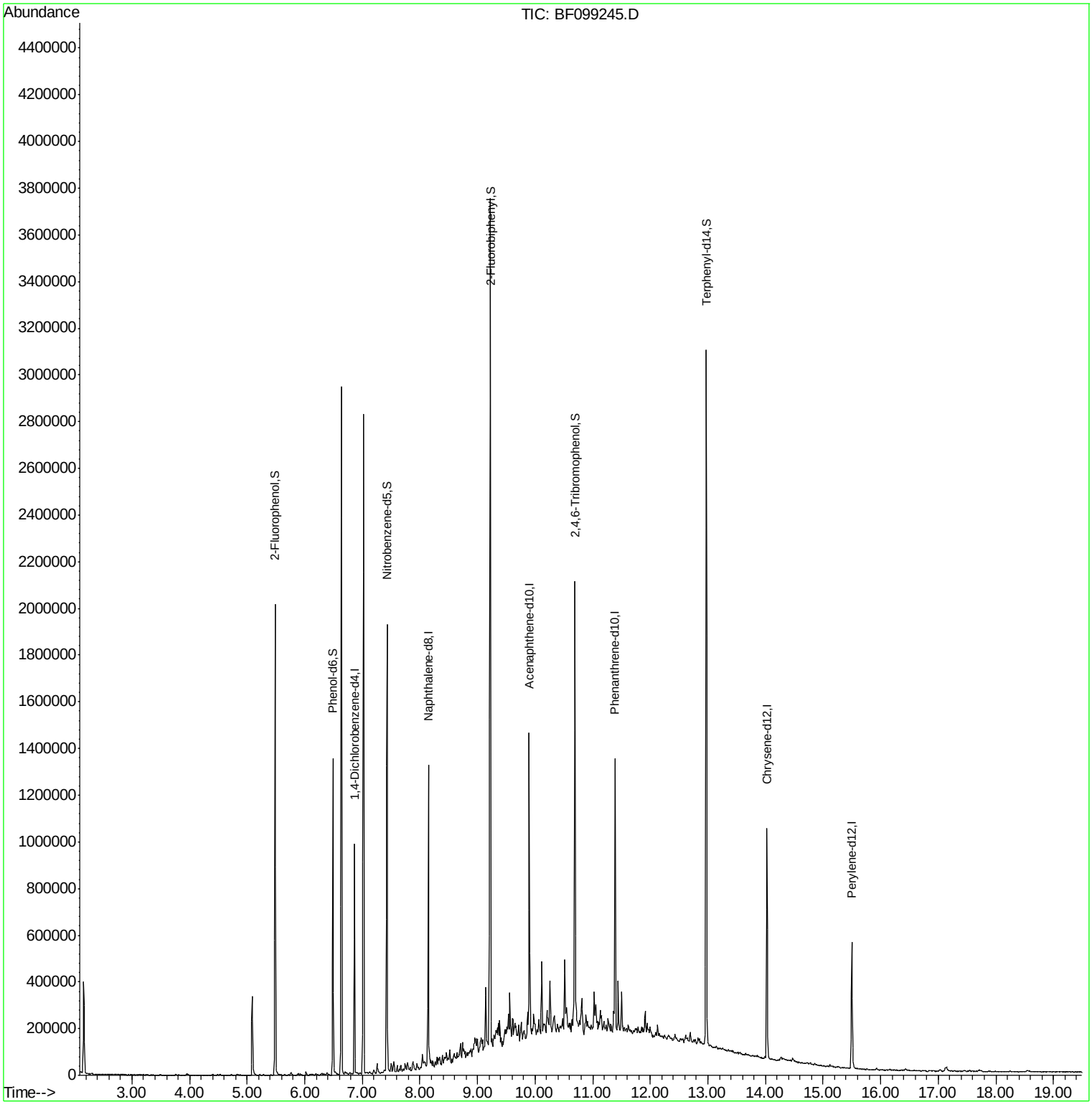
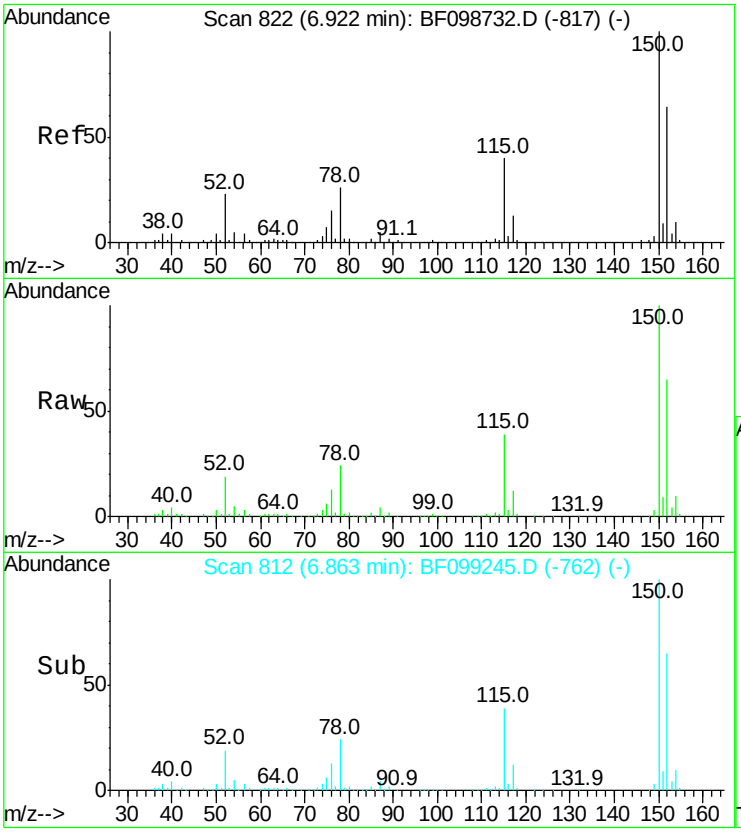


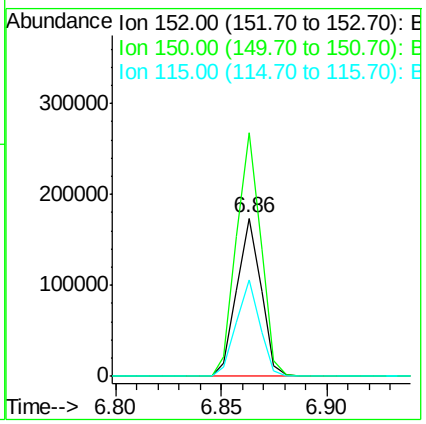


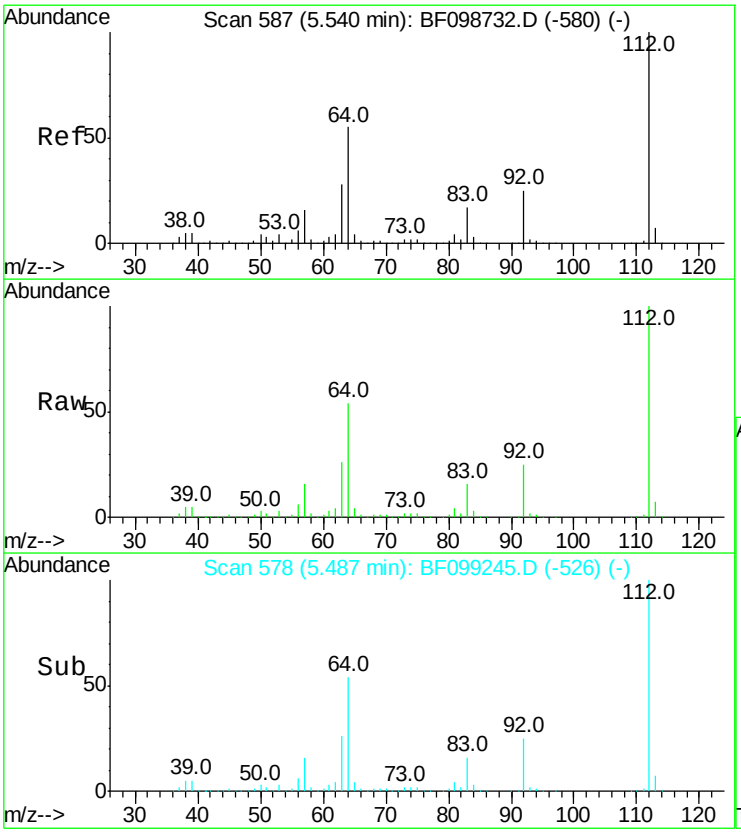
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion:152 Resp: 137550

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	60.6	50.1	75.1

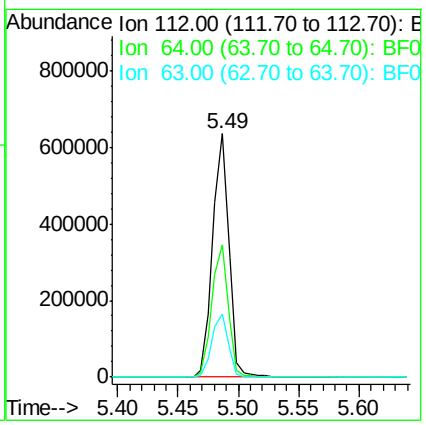


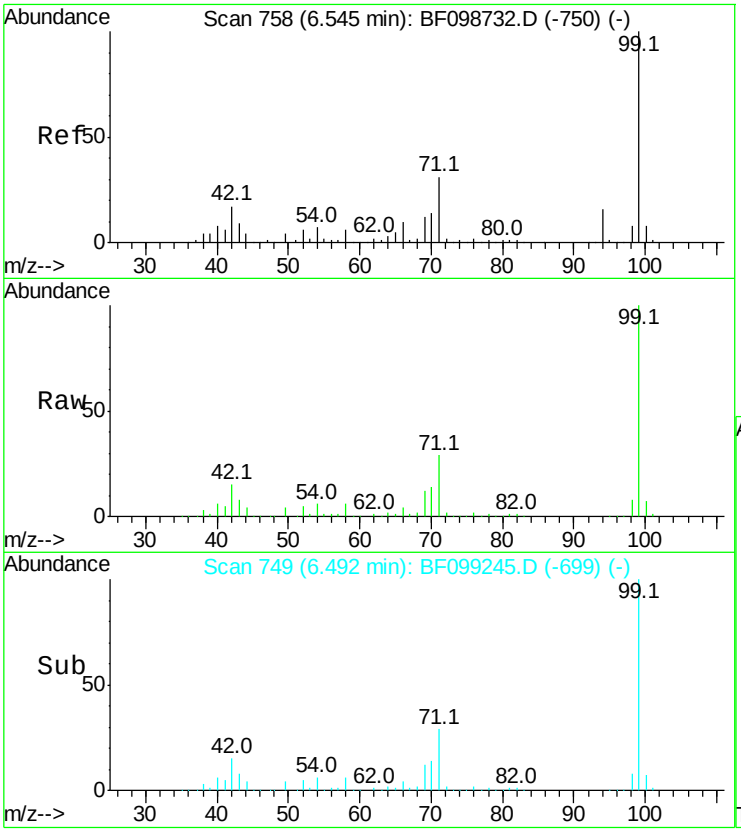


#5
2-Fluorophenol
Concen: 67.896 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Tgt Ion:112 Resp: 586665

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	26.1	23.7	35.5



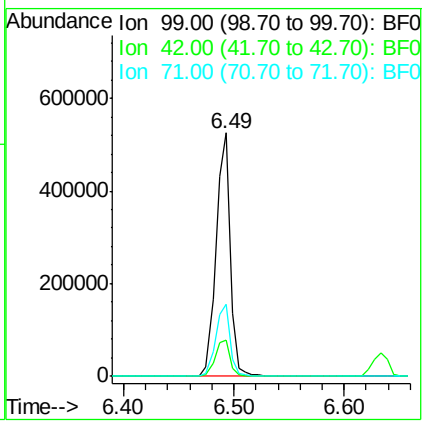


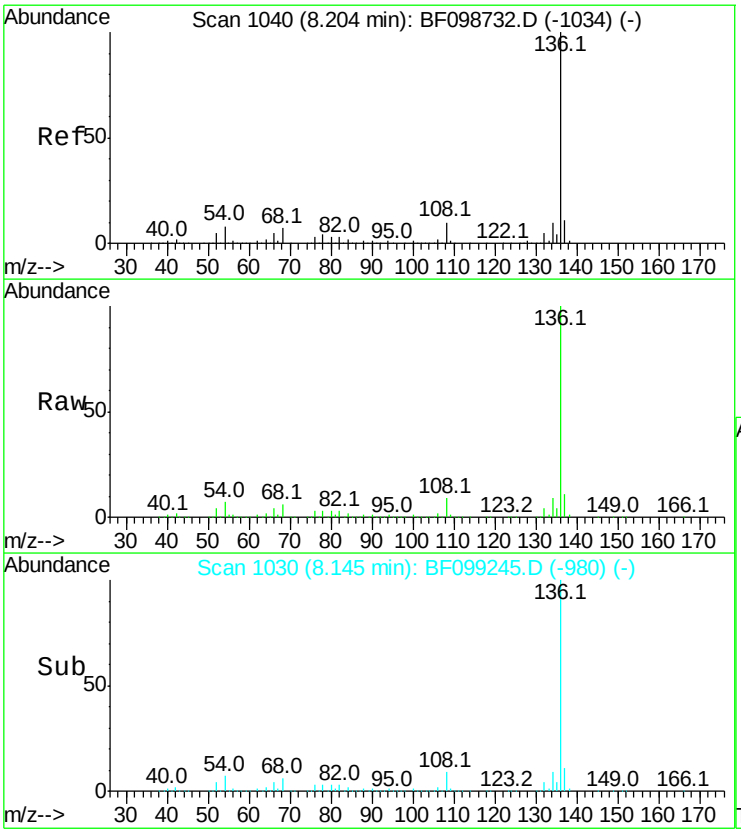
#7
Phenol-d6
Concen: 43.824 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion: 99 Resp: 467132

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	29.4	25.4	38.0

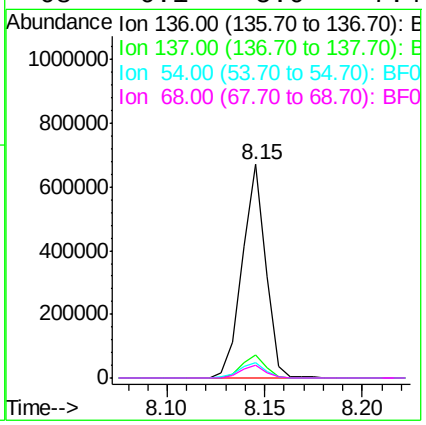


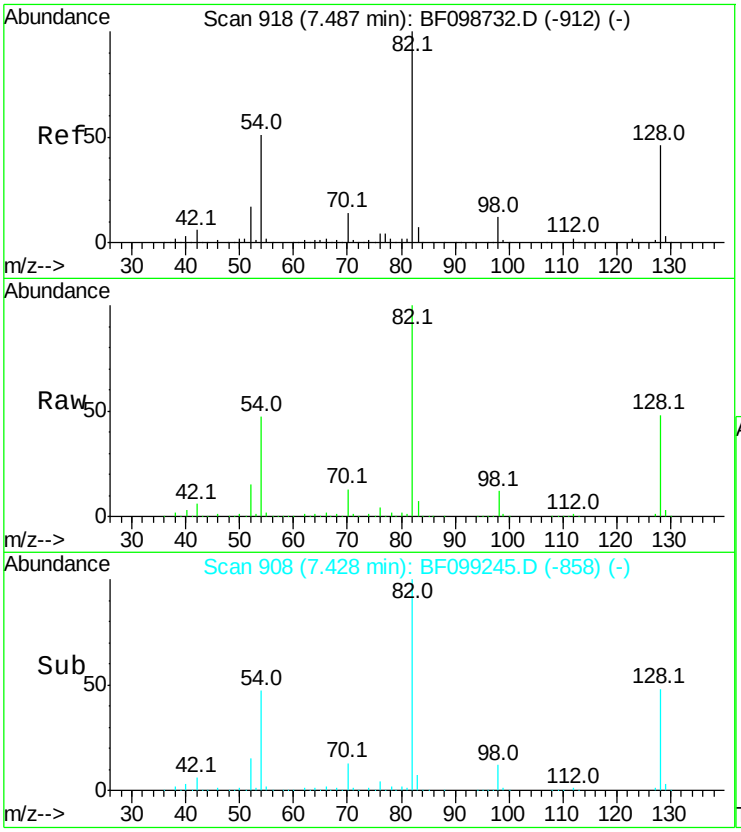


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Tgt Ion:136 Resp: 559156

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4



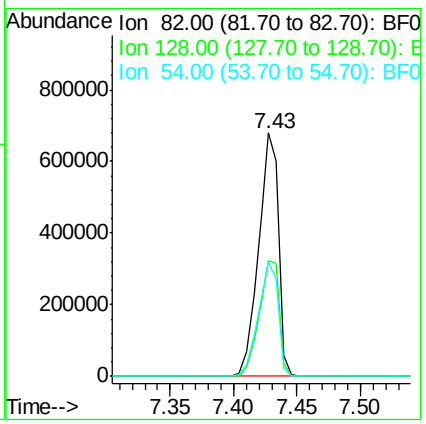


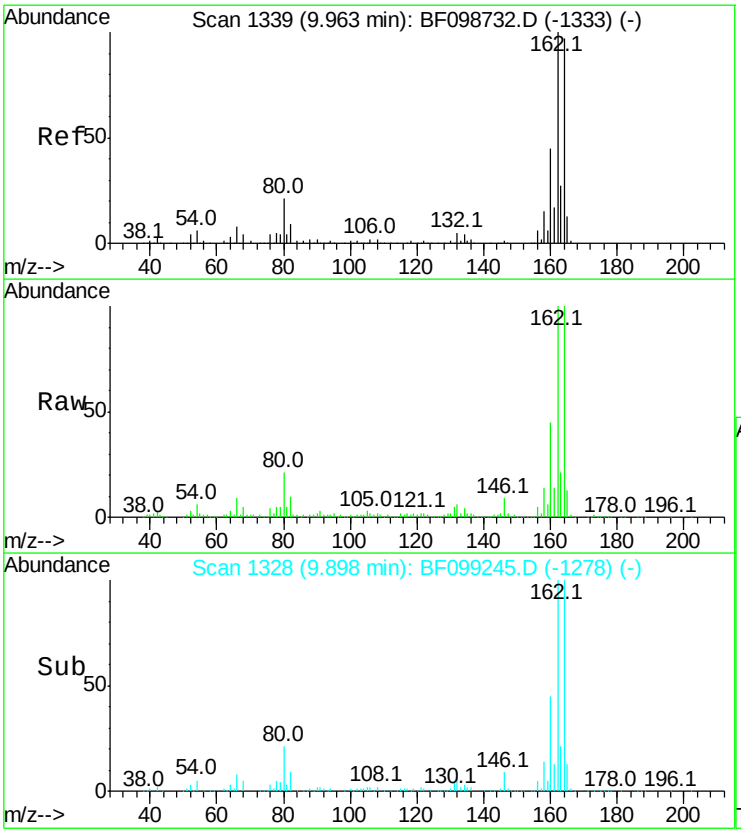
#23
Nitrobenzene-d5
Concen: 86.052 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion: 82 Resp: 750291

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	47.1	41.4	62.2

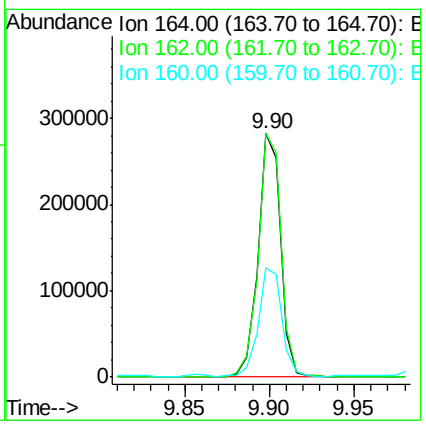


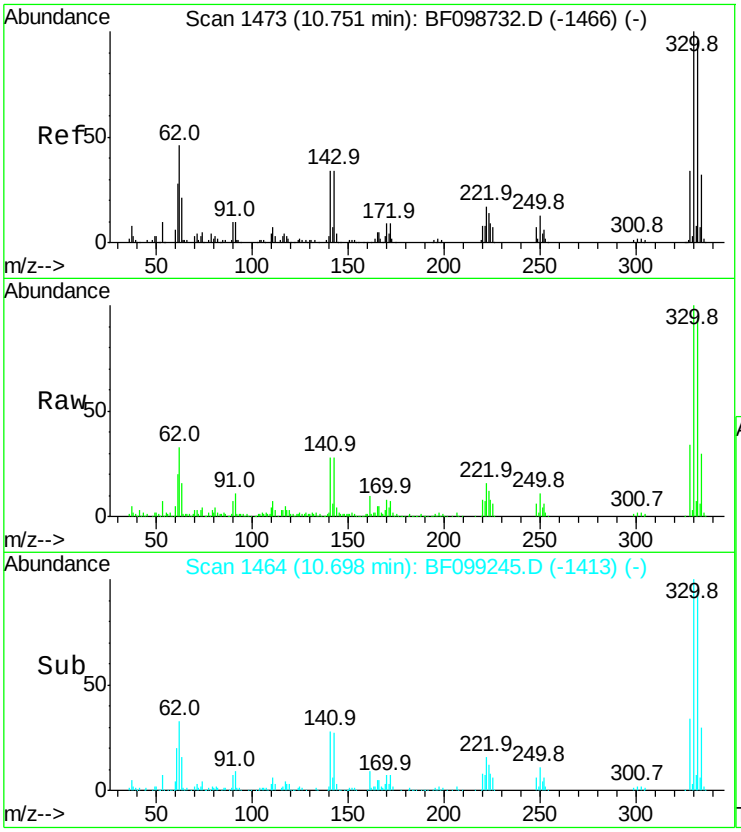


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Tgt Ion:164 Resp: 259570

Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	45.1	38.3	57.5



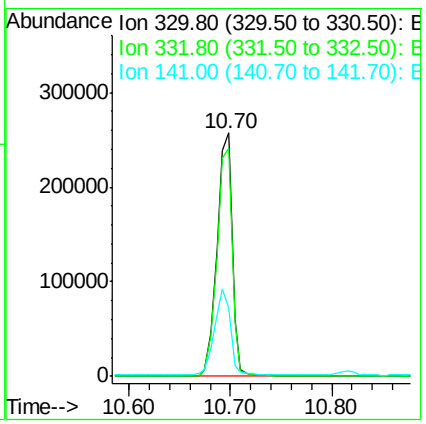


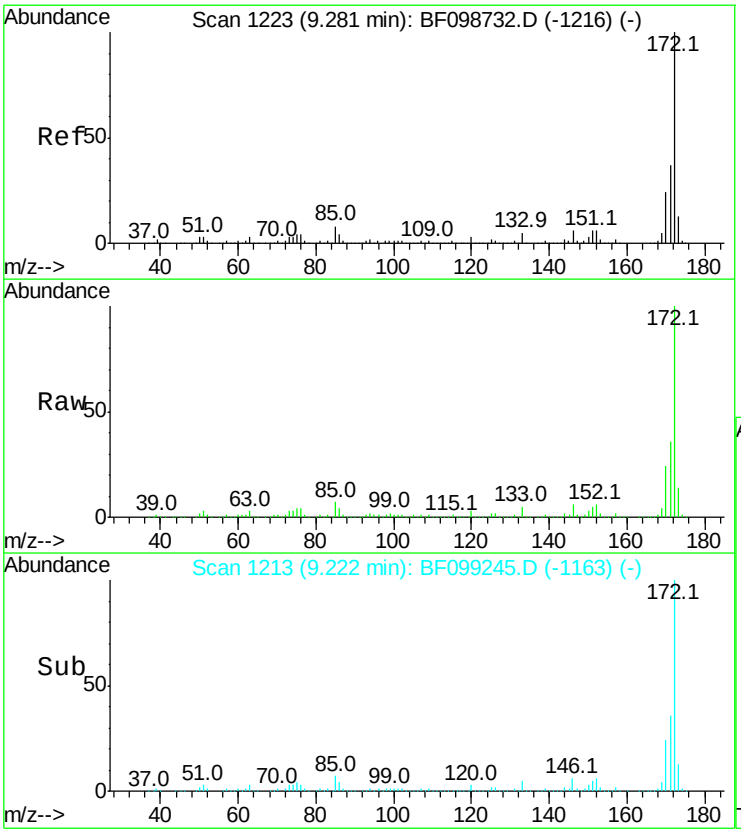
#41
2,4,6-Tribromophenol
Concen: 127.195 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion:330 Resp: 270161

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	36.3	29.9	44.9

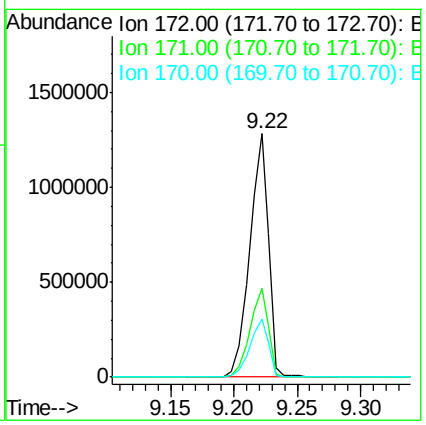


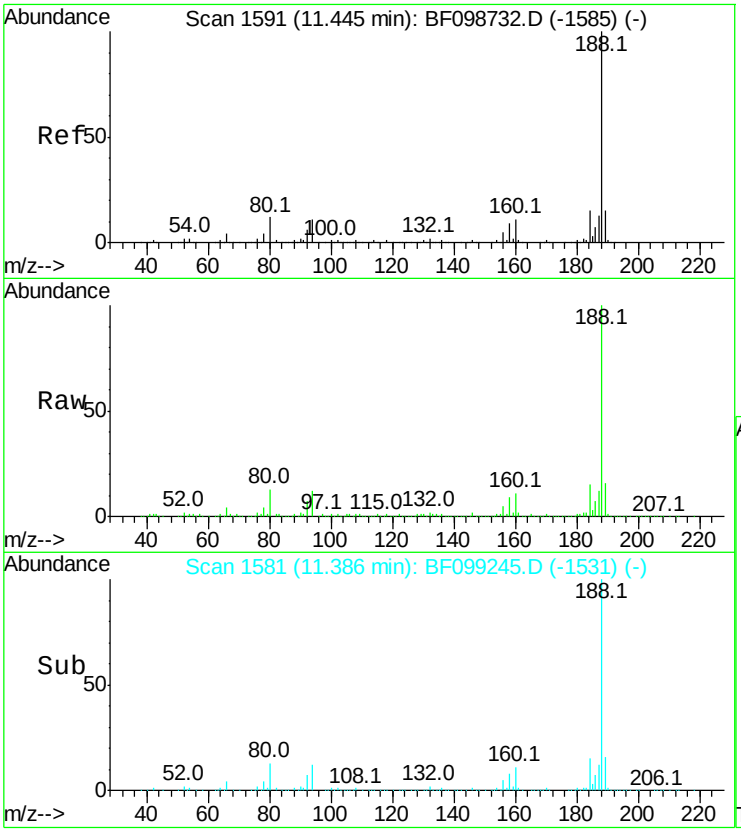


#44
2-Fluorobiphenyl
Concen: 85.704 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Tgt Ion:172 Resp: 1332570

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



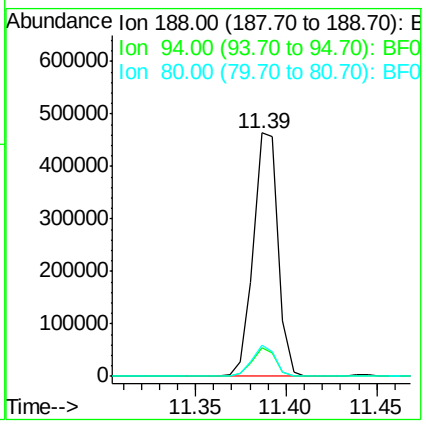


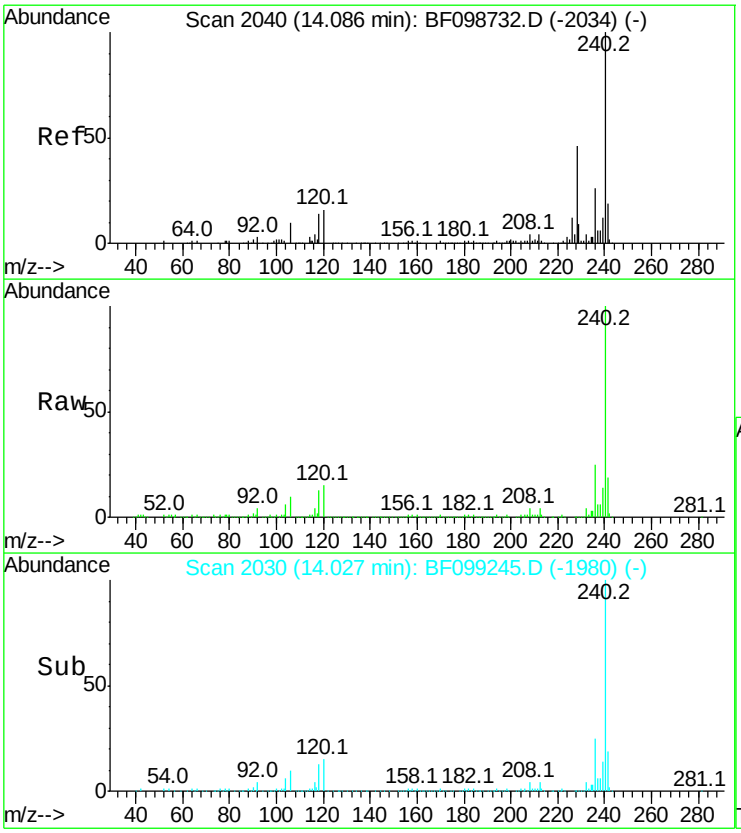
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion:188 Resp: 441490

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.9	9.2	13.8

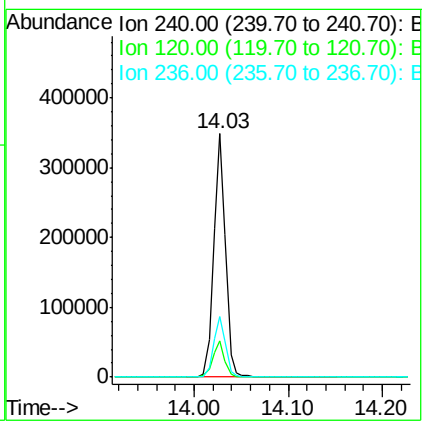


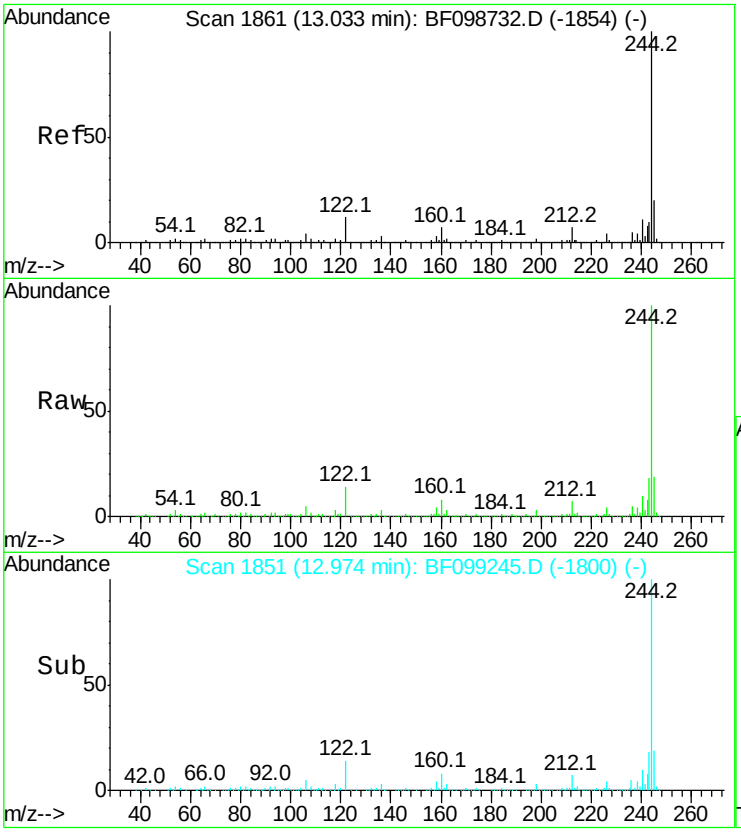


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Tgt Ion:240 Resp: 309505

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.1	20.7	31.1



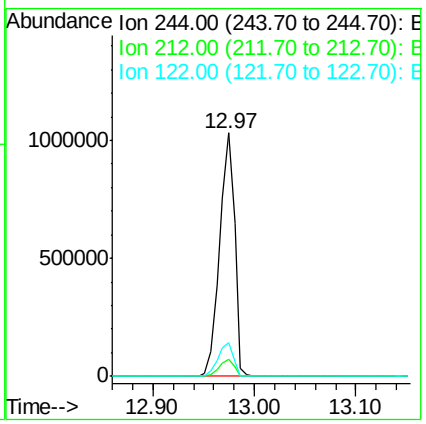


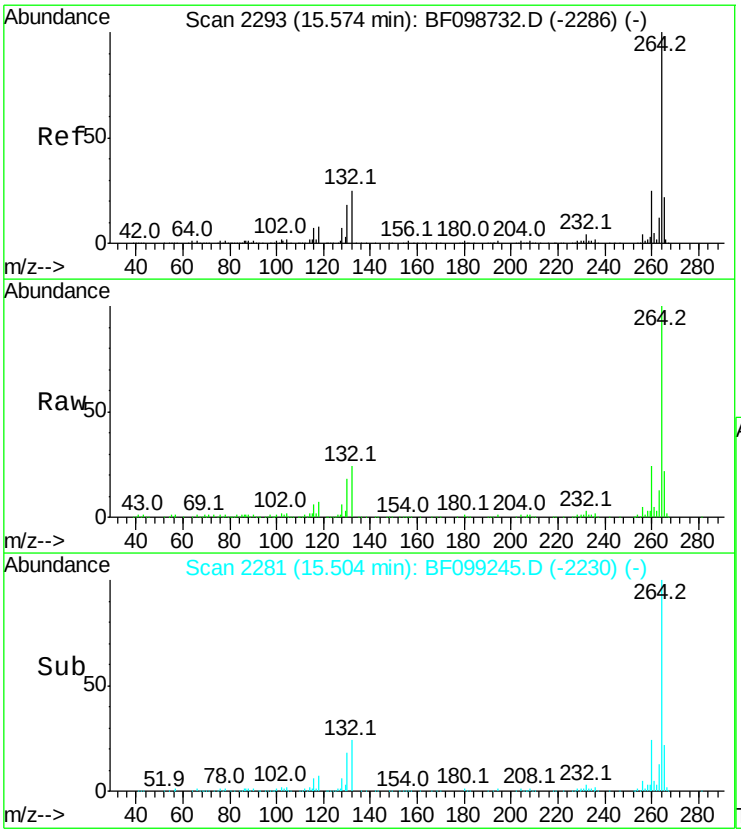
#78
Terphenyl-d14
Concen: 77.909 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion:244 Resp: 1060298

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099245.D
Acq: 8 Oct 2017 21:21

Tgt Ion:264 Resp: 237580

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3