Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099175.D
Acq On : 7 Oct 2017 4:43
Operator : SJ/JU
Sample : I5542-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C1-GW

Quant Time: Oct 07 05:20:19 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	146153	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	589728	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	273856	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	451707	20.00	ng	0.00
75) Chrysene-d12	14.02	240	255888	20.00	ng	-0.01
86) Perylene-d12	15.49	264	232092	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	601539	65.52	ng	0.00
7) Phenol-d6	6.49	99	460724	40.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	853178	92.78	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	276740	123.50	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1486657	90.63	ng	0.00
78) Terphenyl-d14	12.97	244	1128479	100.29	ng	0.00
Target Compounds						Qvalue

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

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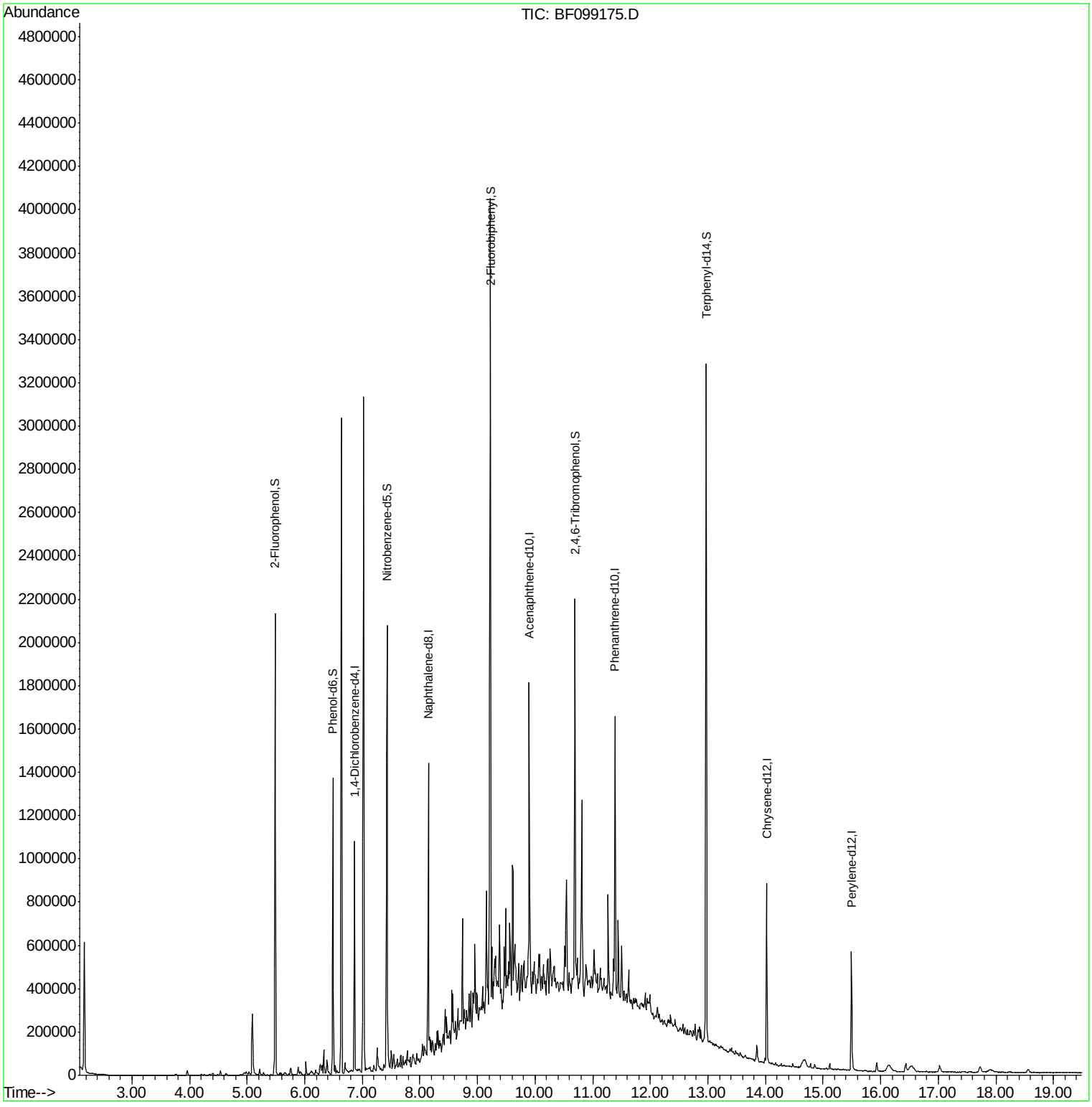
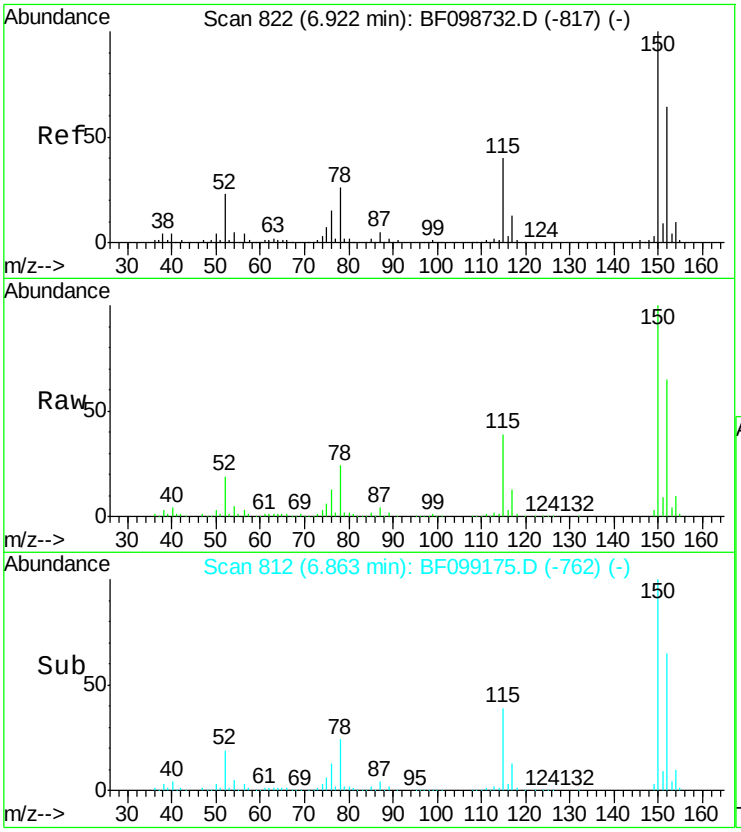


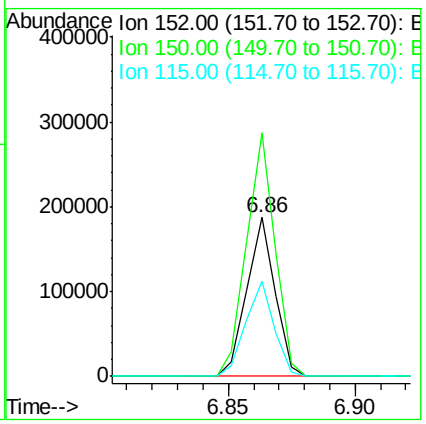


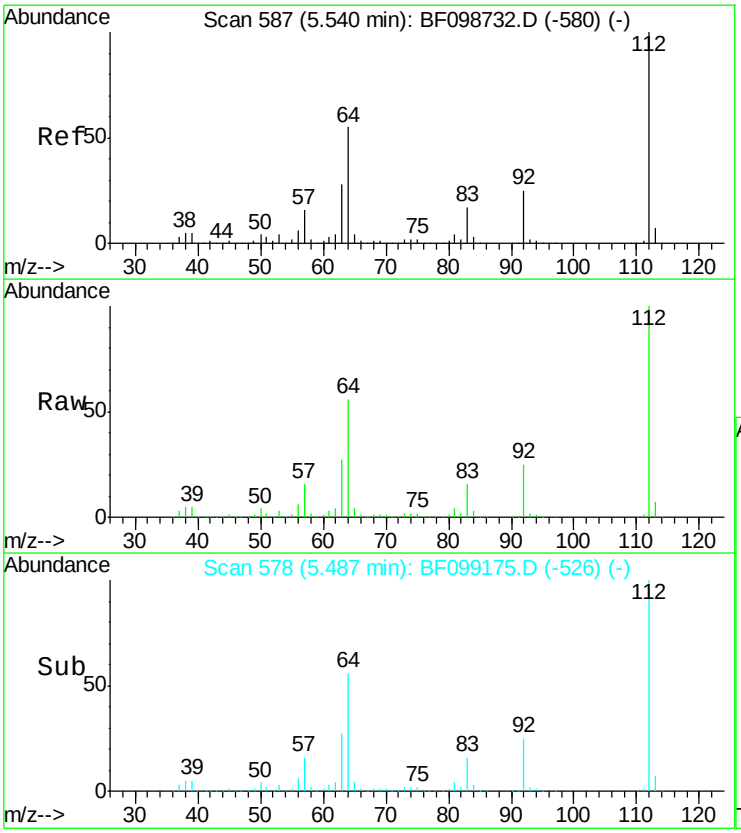
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:152 Resp: 146153

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	59.7	50.1	75.1

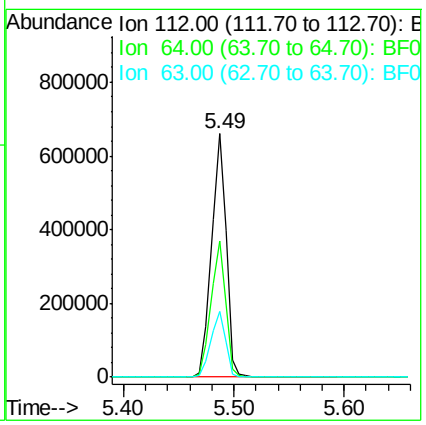


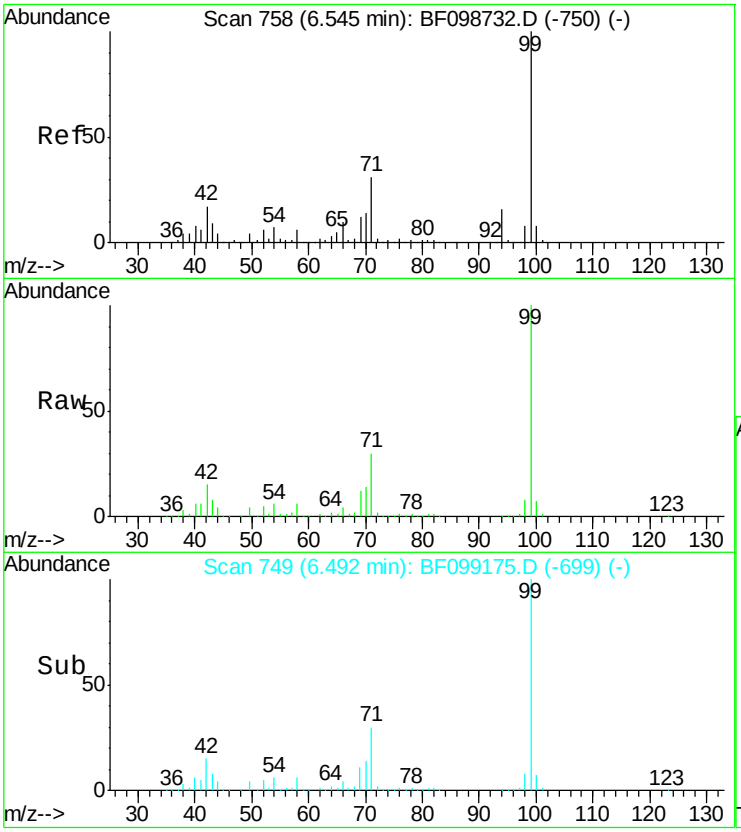


#5
2-Fluorophenol
Concen: 65.52 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:112 Resp: 601539

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.1	23.7	35.5



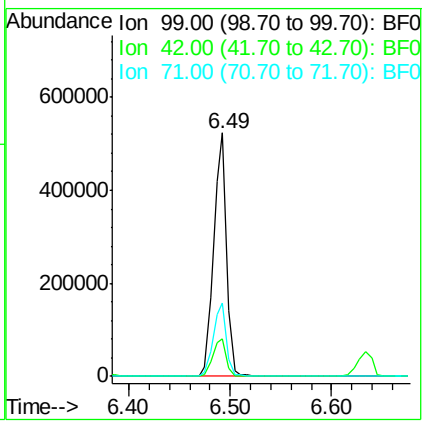


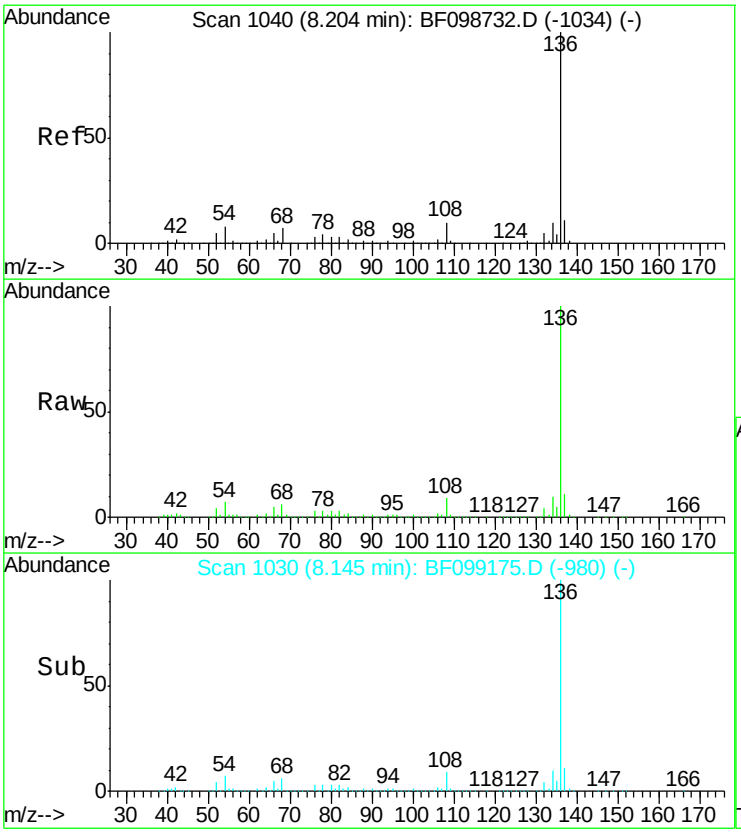
#7
Phenol-d6
Concen: 40.68 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion: 99 Resp: 460724

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	30.3	25.4	38.0

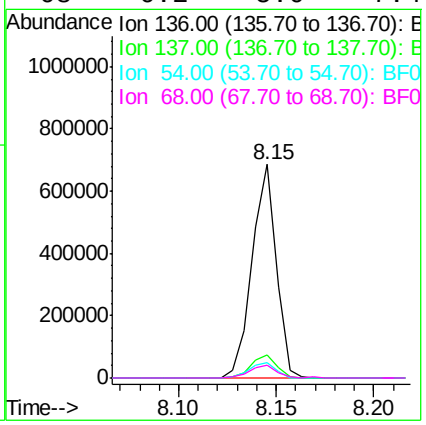


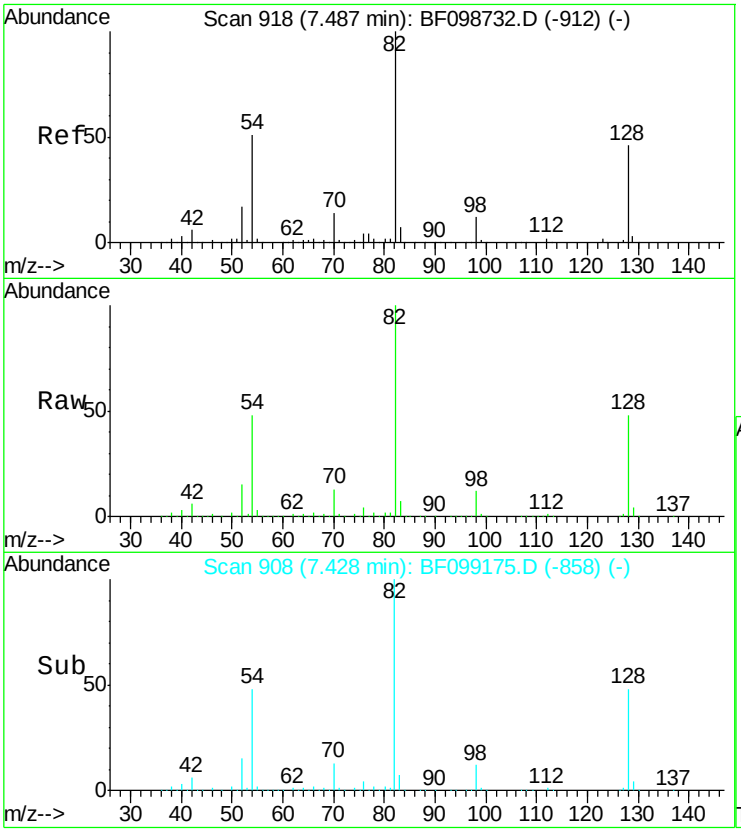


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:136 Resp: 589728

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	6.2	5.0	7.4



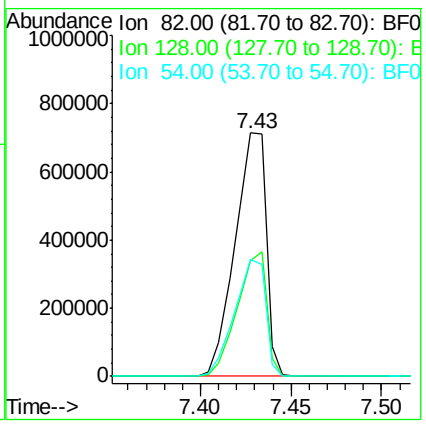


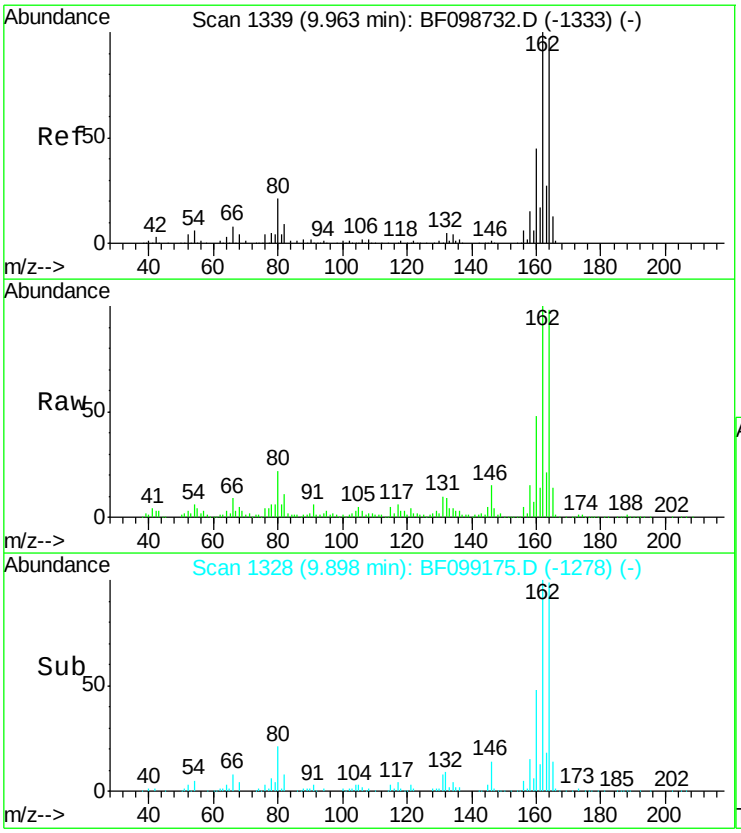
#23
Nitrobenzene-d5
Concen: 92.78 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion: 82 Resp: 853178

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	47.9	41.4	62.2

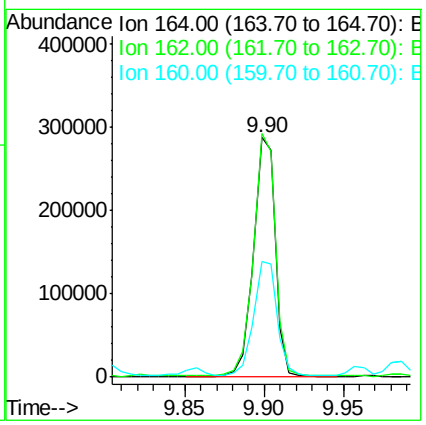


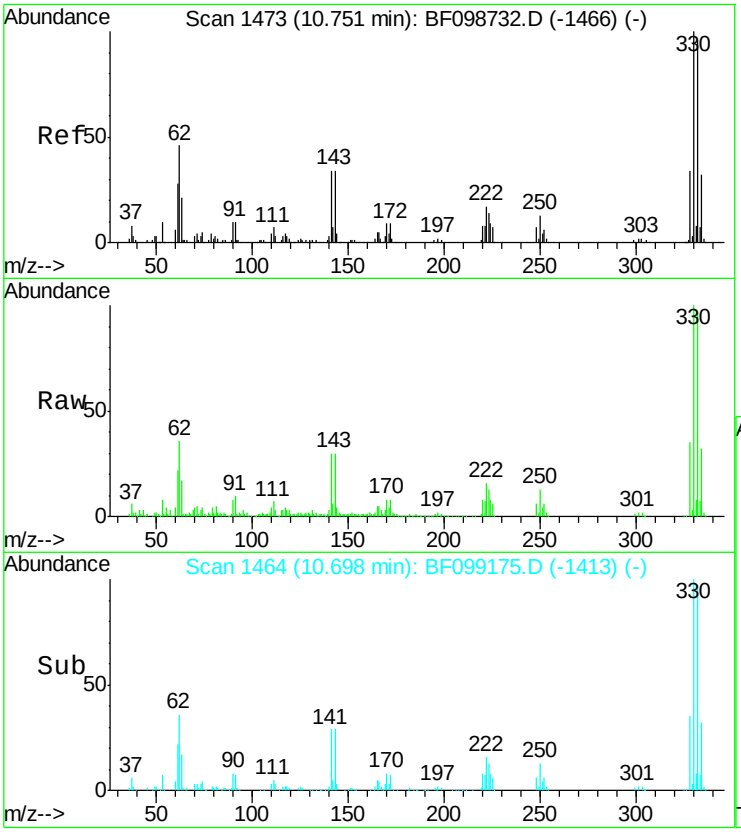


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:164 Resp: 273856

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	48.6	38.3	57.5



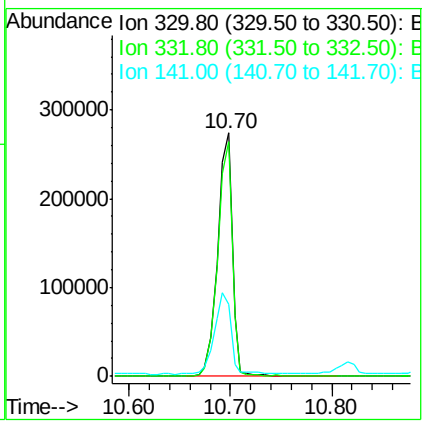


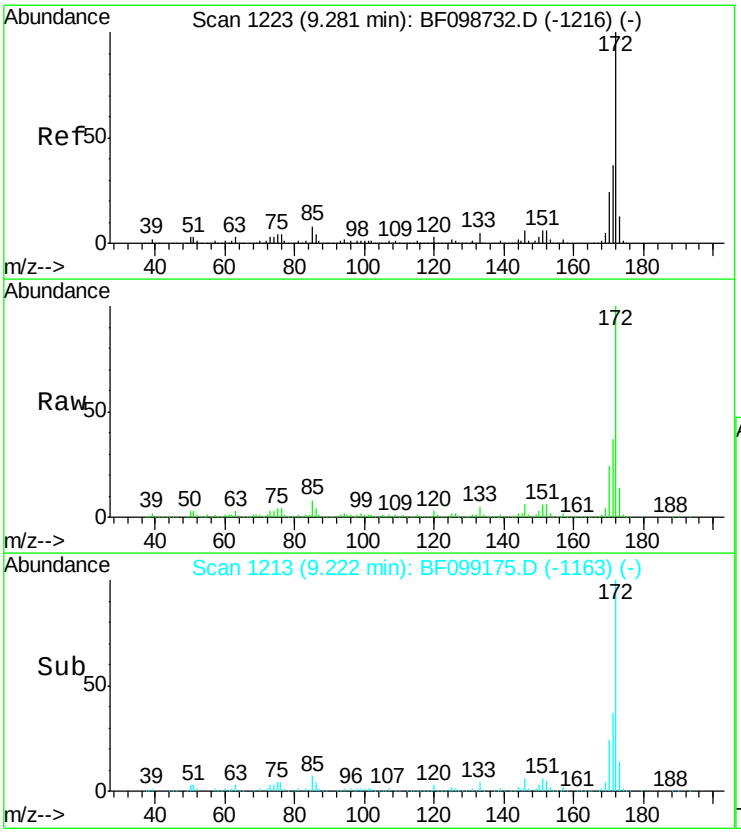
#41
2,4,6-Tribromophenol
Concen: 123.50 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:330 Resp: 276740

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.8	29.9	44.9

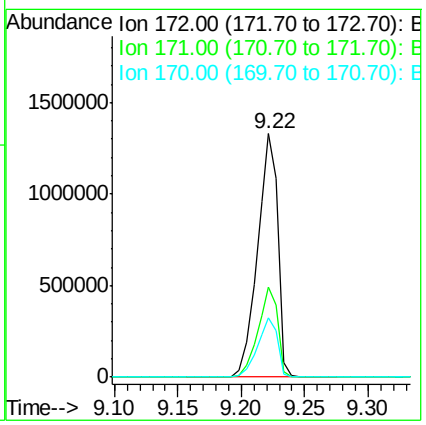


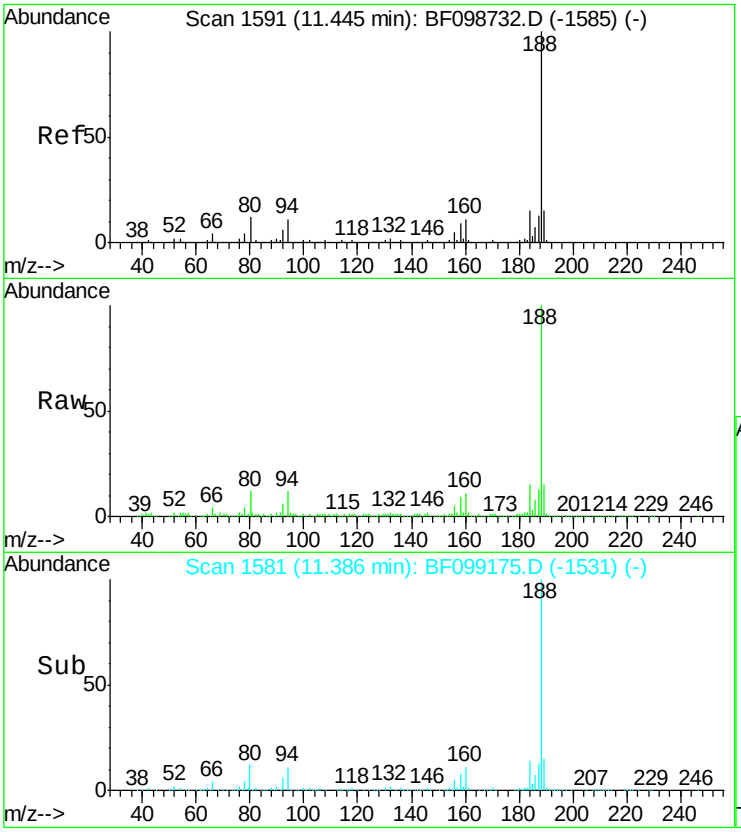


#44
2-Fluorobiphenyl
Concen: 90.63 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:172 Resp: 1486657

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4



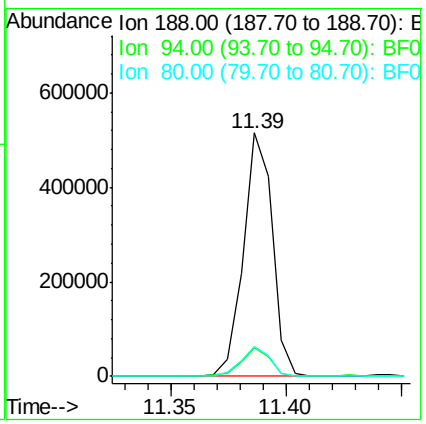


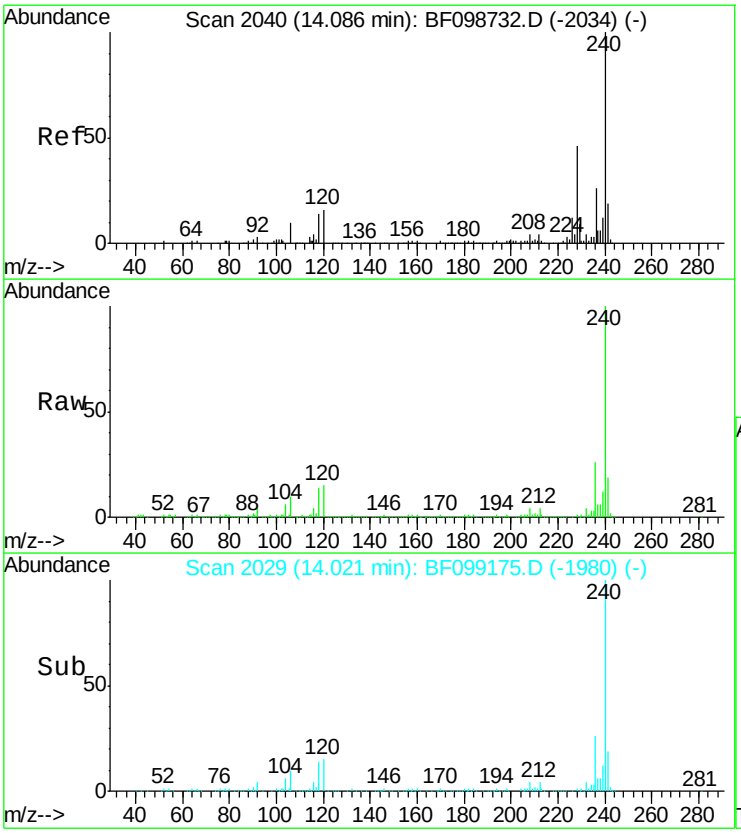
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:188 Resp: 451707

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.4	9.2	13.8

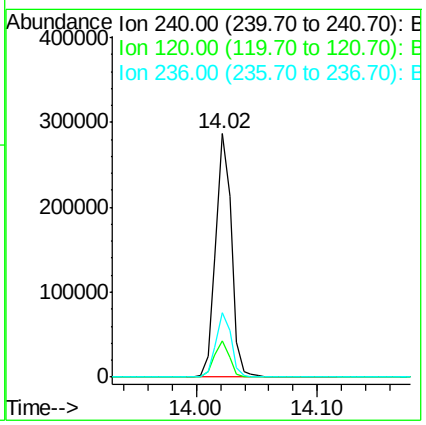


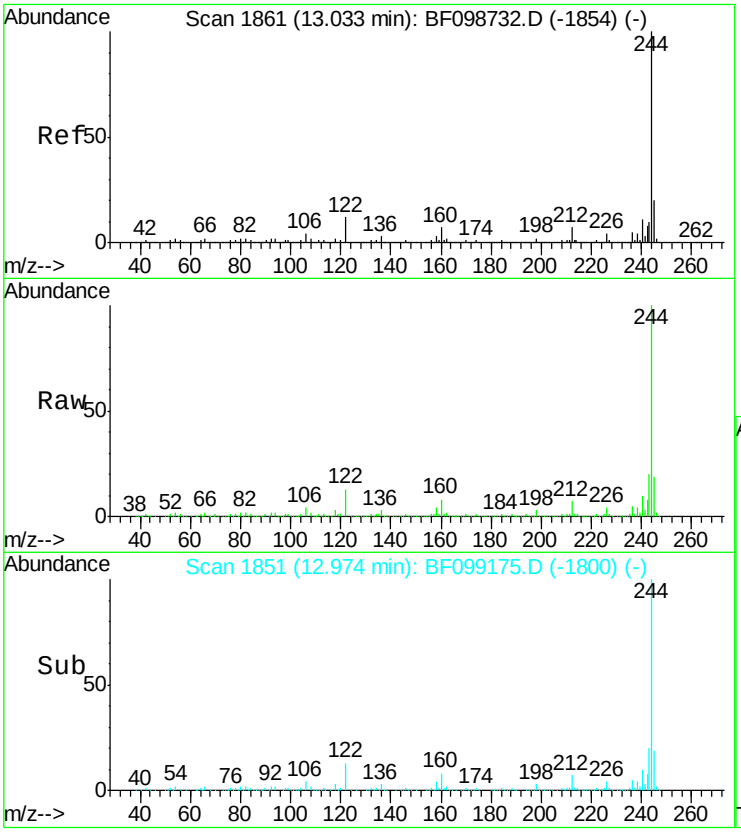


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:240 Resp: 255888

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	26.3	20.7	31.1



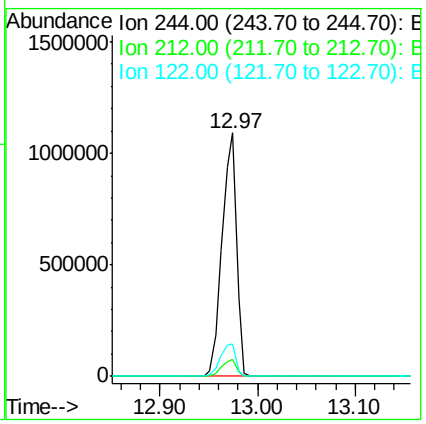


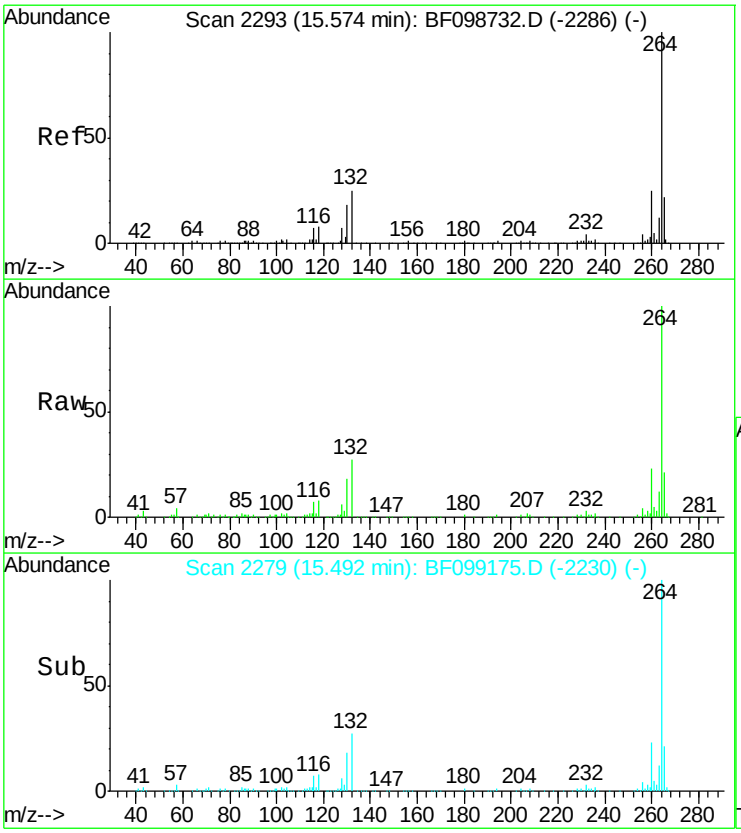
#78
Terphenyl-d14
Concen: 100.29 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:244 Resp: 1128479

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:264 Resp: 232092

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3