Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080715.D
Acq On : 31 Jul 2015 2:59
Operator : TP/UM
Sample : G2973-17RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FBRE

Quant Time: Jul 31 03:45:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	323890	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1306087	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	711186	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	1254528	20.00	ng	0.00
75) Chrysene-d12	14.00	240	918852	20.00	ng	0.00
86) Perylene-d12	15.41	264	684673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1219113	64.57	ng	0.02
7) Phenol-d6	6.49	99	1635380	63.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	1246481	46.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	594215	80.52	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2316141	48.59	ng	0.00
78) Terphenyl-d14	12.96	244	2112433	43.48	ng	0.00

Target Compounds	Qvalue

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

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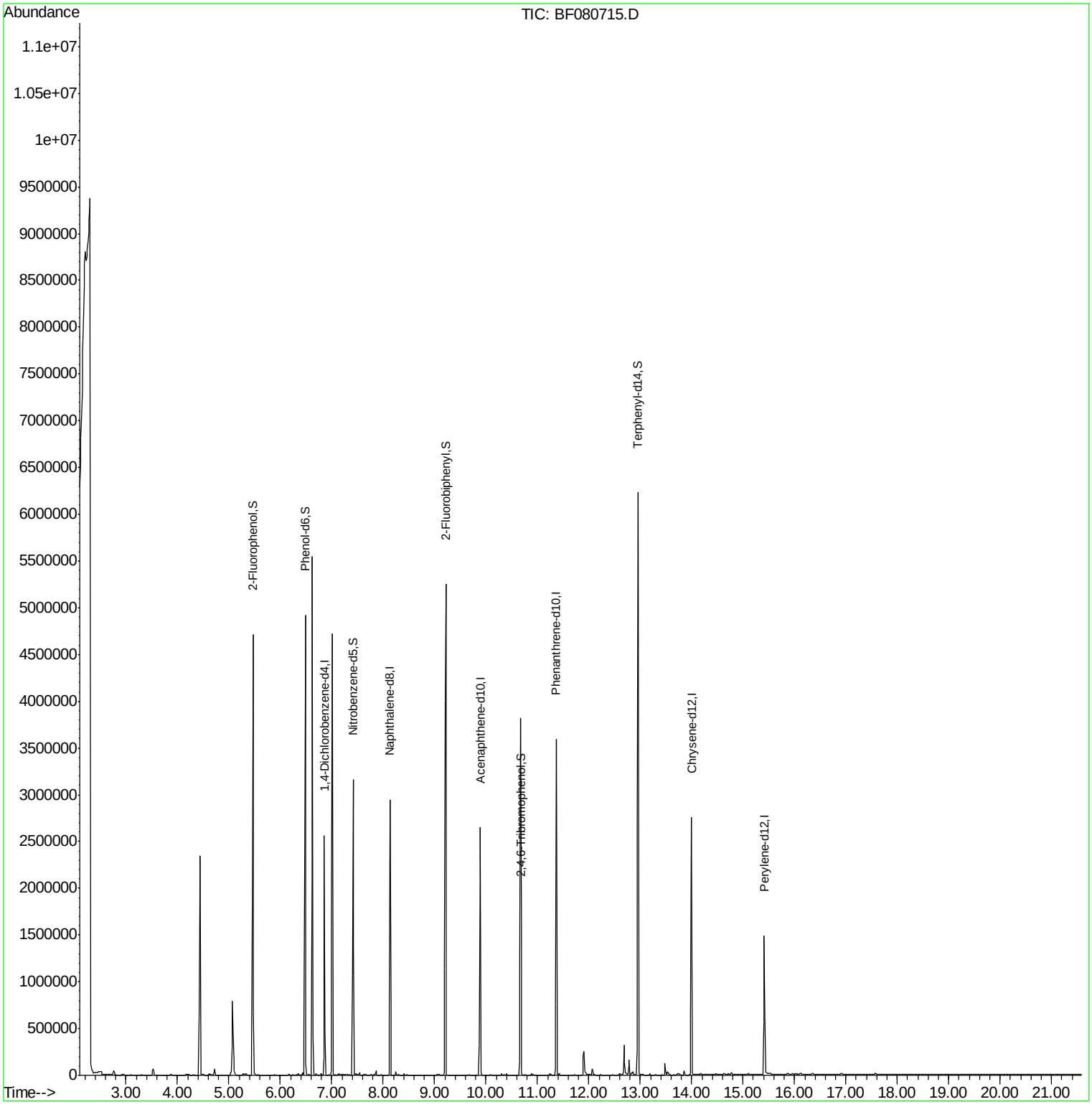
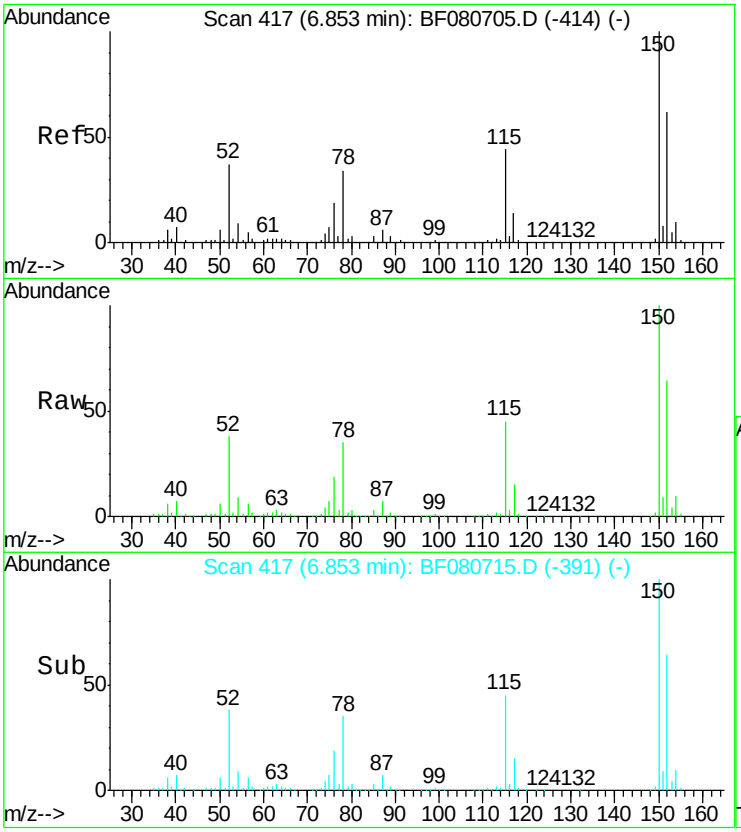


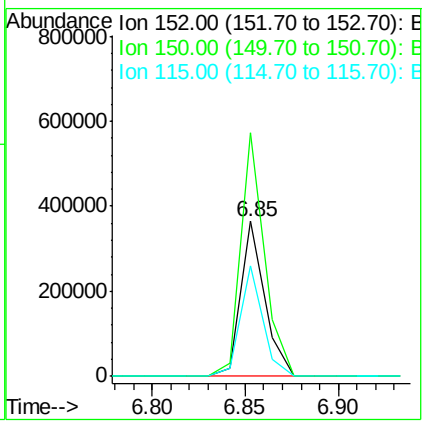


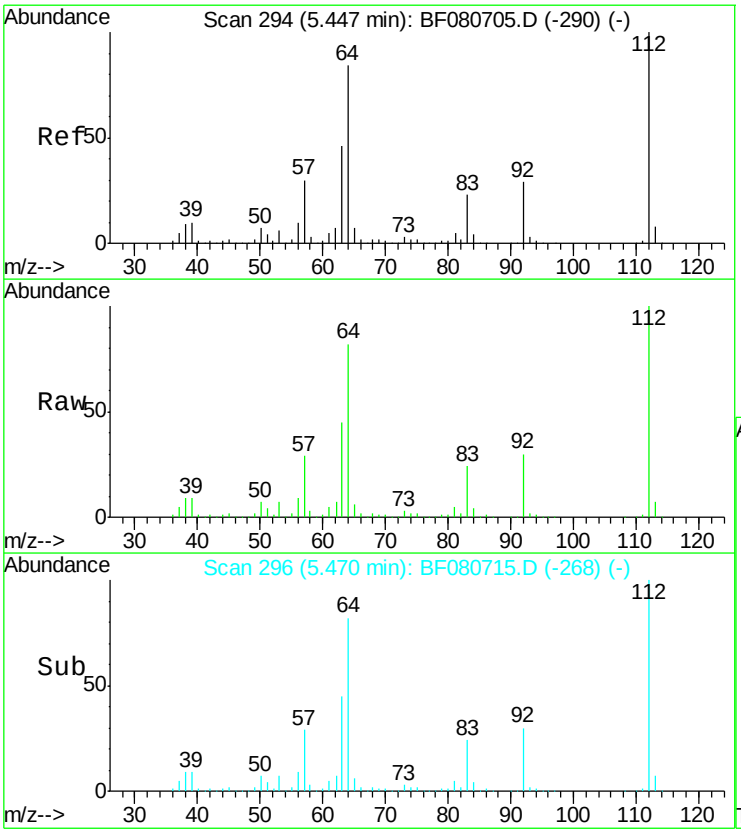
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
FBRE

Tgt Ion:152 Resp: 323890

Ion	Ratio	Lower	Upper
152	100		
150	157.4	129.6	194.4
115	71.3	56.6	85.0

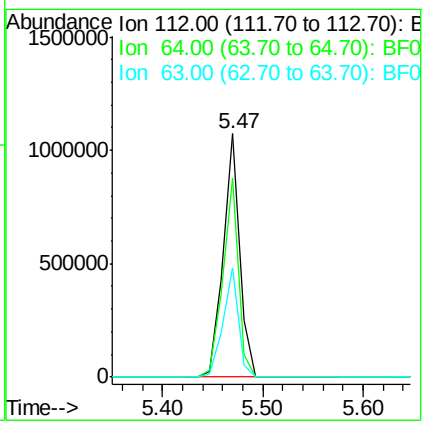


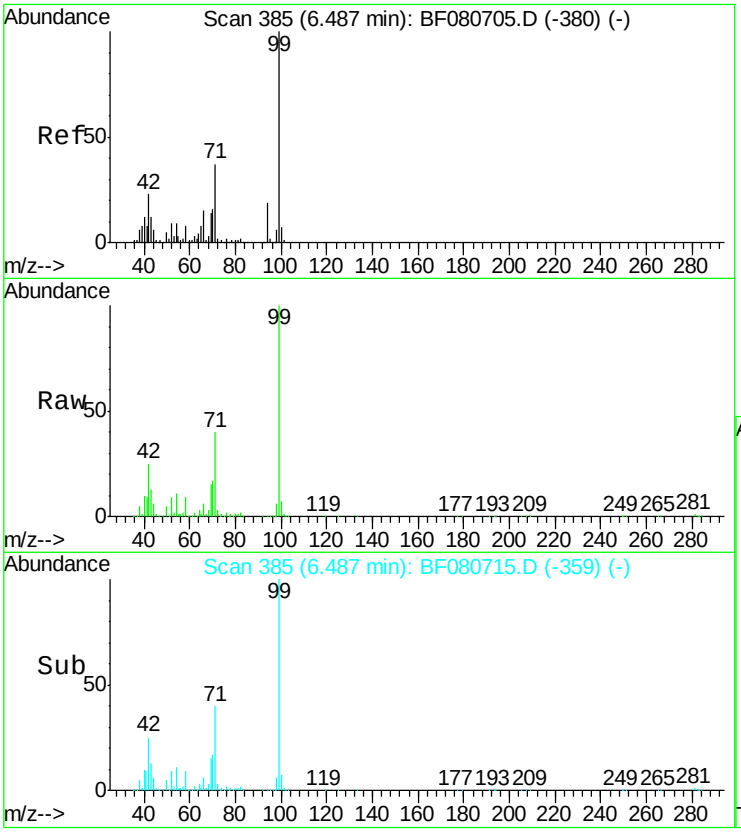


#5
2-Fluorophenol
Concen: 64.57 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Tgt Ion:112 Resp: 1219113

Ion	Ratio	Lower	Upper
112	100		
64	81.5	66.8	100.2
63	45.0	36.7	55.1



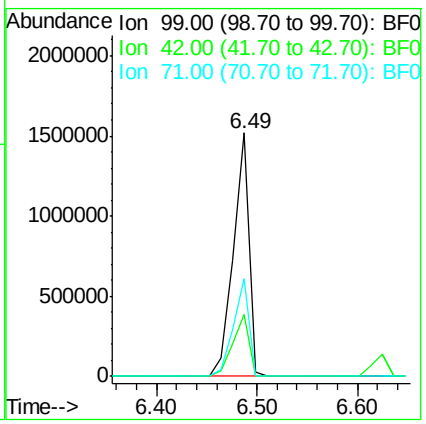


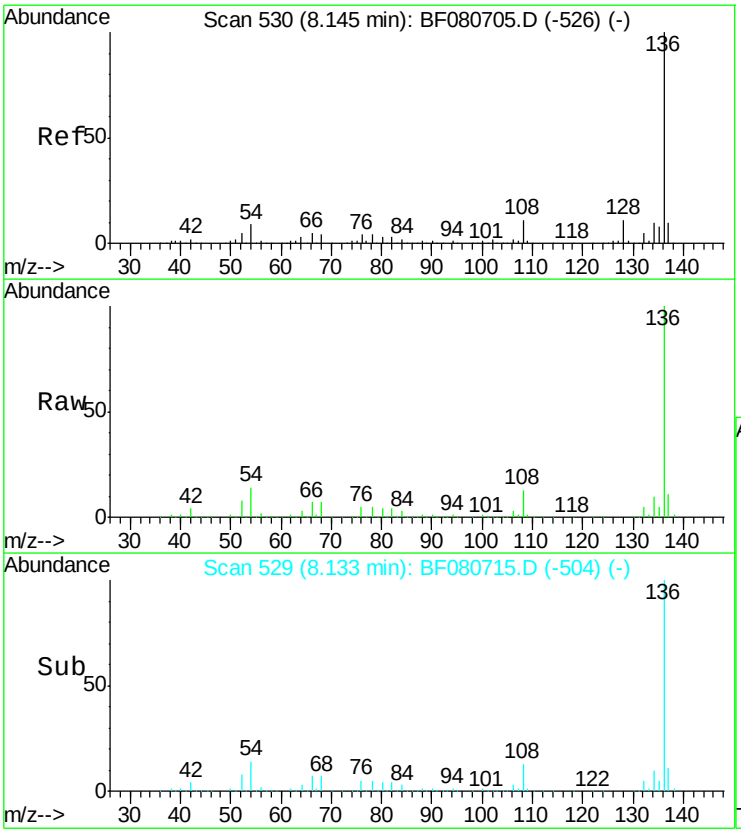
#7
Phenol-d6
Concen: 63.62 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
FBRE

Tgt Ion: 99 Resp: 1635380

Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.2	27.2
71	39.9	29.5	44.3

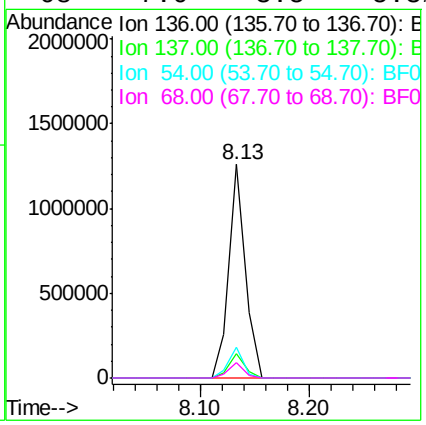


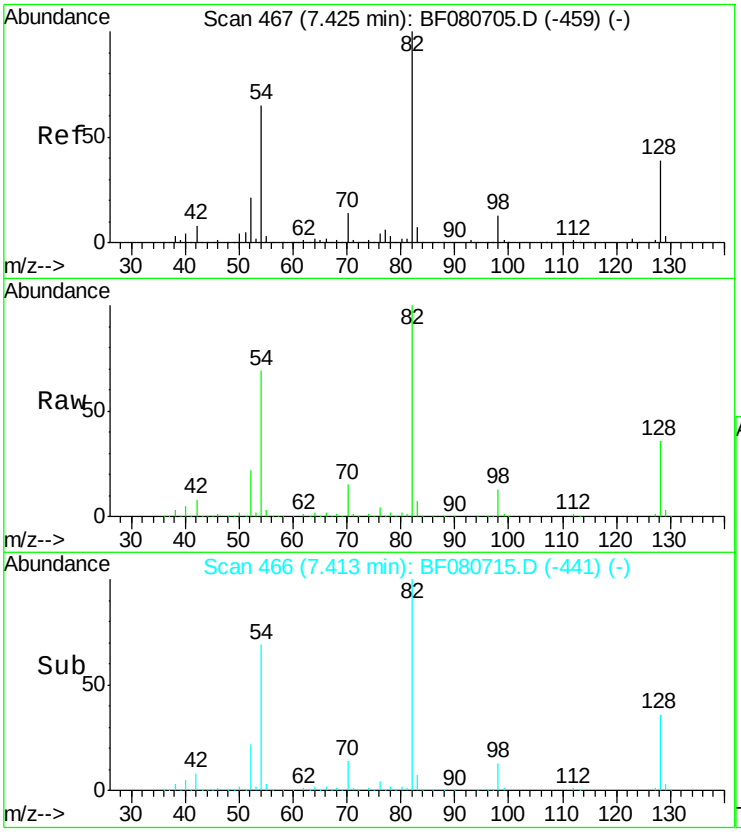


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Tgt Ion:136 Resp: 1306087

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	14.1	6.9	10.3#
68	7.0	3.5	5.3#



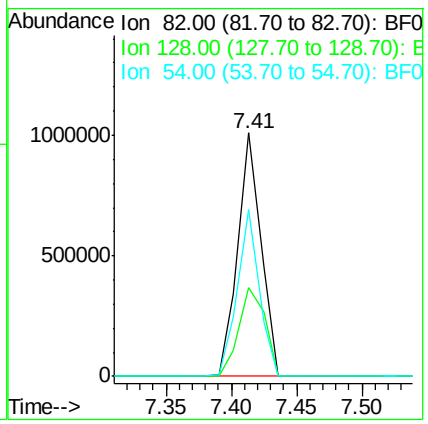


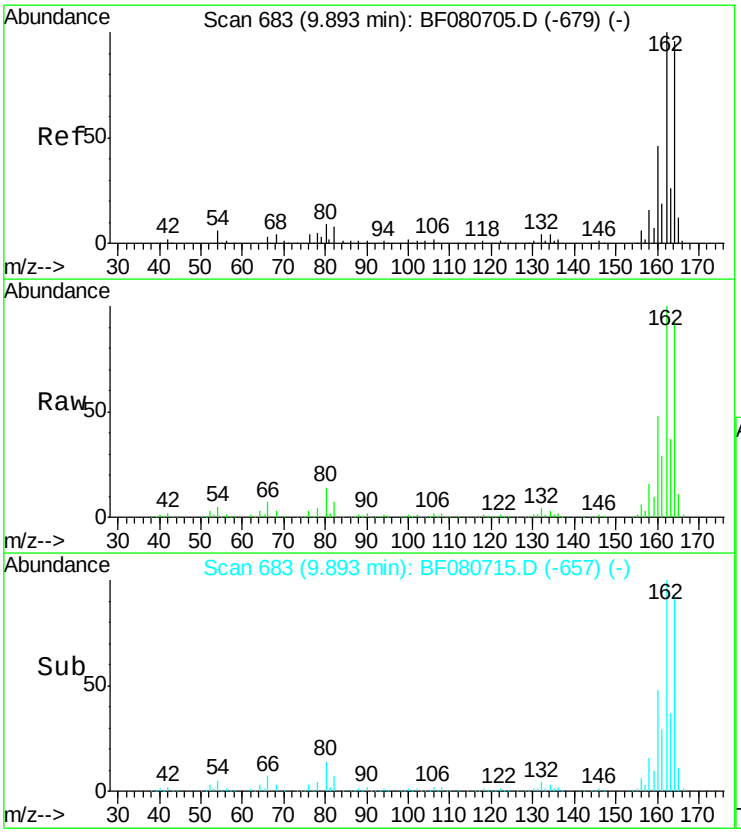
#23
Nitrobenzene-d5
Concen: 46.22 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
FBRE

Tgt Ion: 82 Resp: 1246481

Ion	Ratio	Lower	Upper
82	100		
128	36.5	31.5	47.3
54	68.6	51.8	77.8

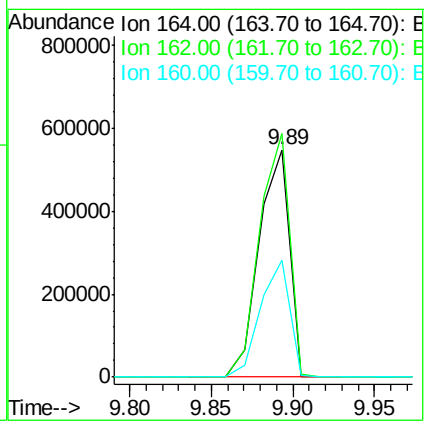


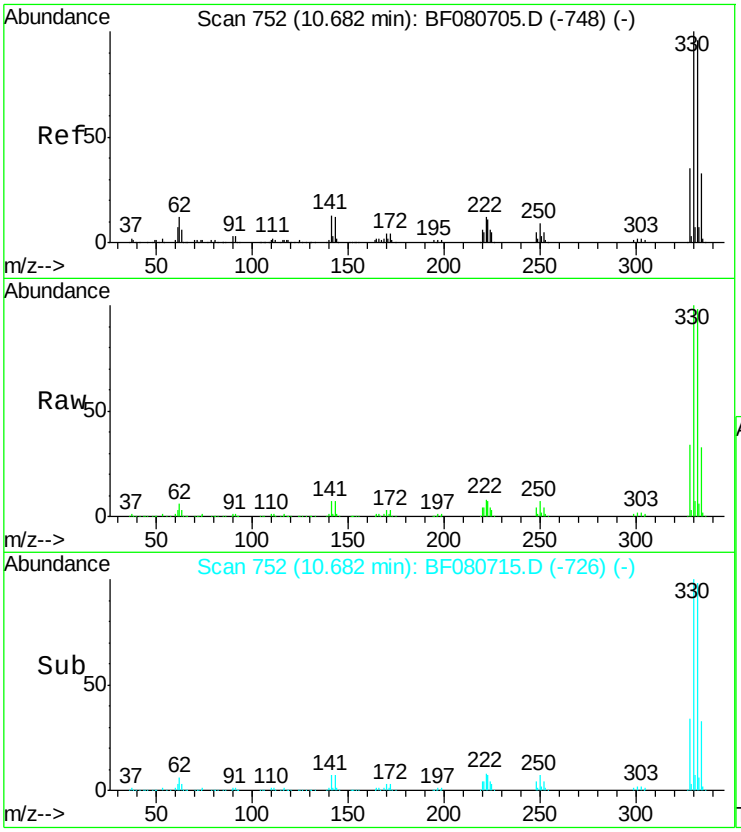


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Tgt Ion:164 Resp: 711186

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.4	125.0
160	51.6	38.0	57.0



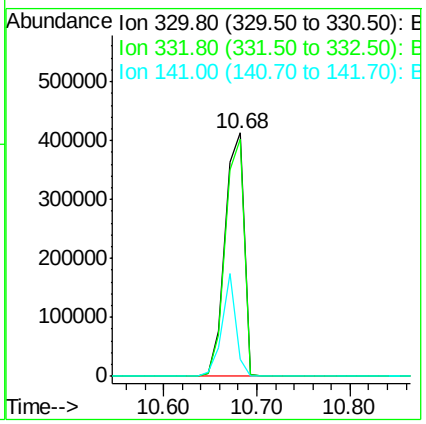


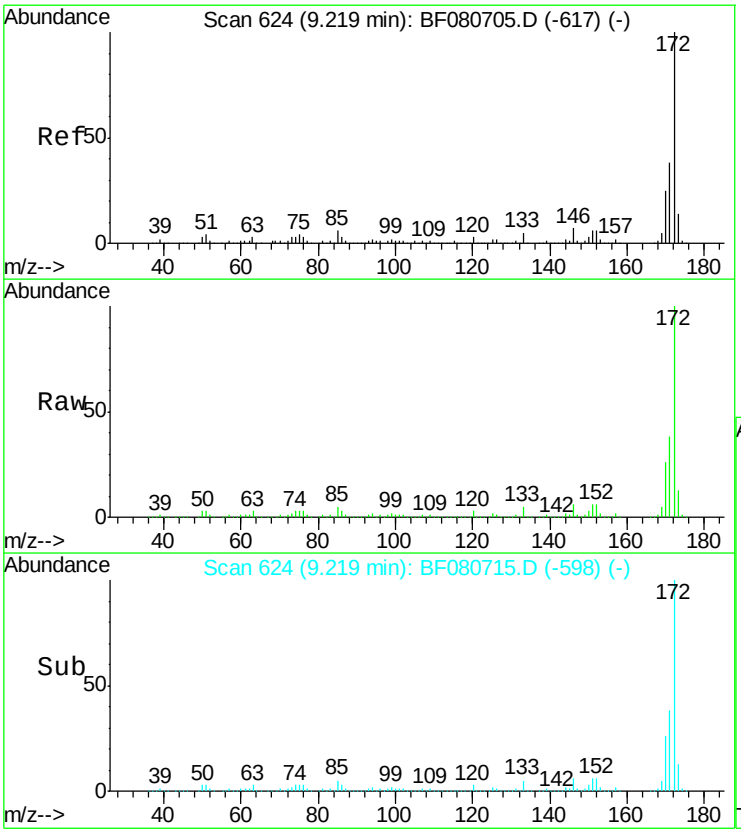
#41
2,4,6-Tribromophenol
Concen: 80.52 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
FBRE

Tgt Ion:330 Resp: 594215

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	30.0	26.0	39.0

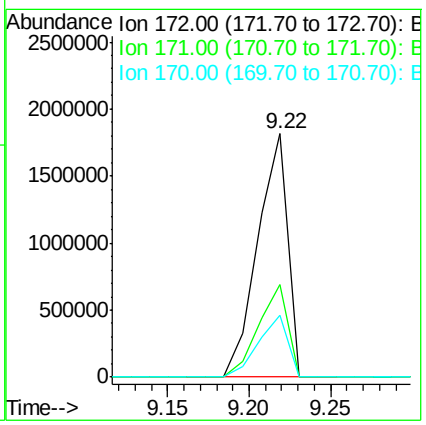


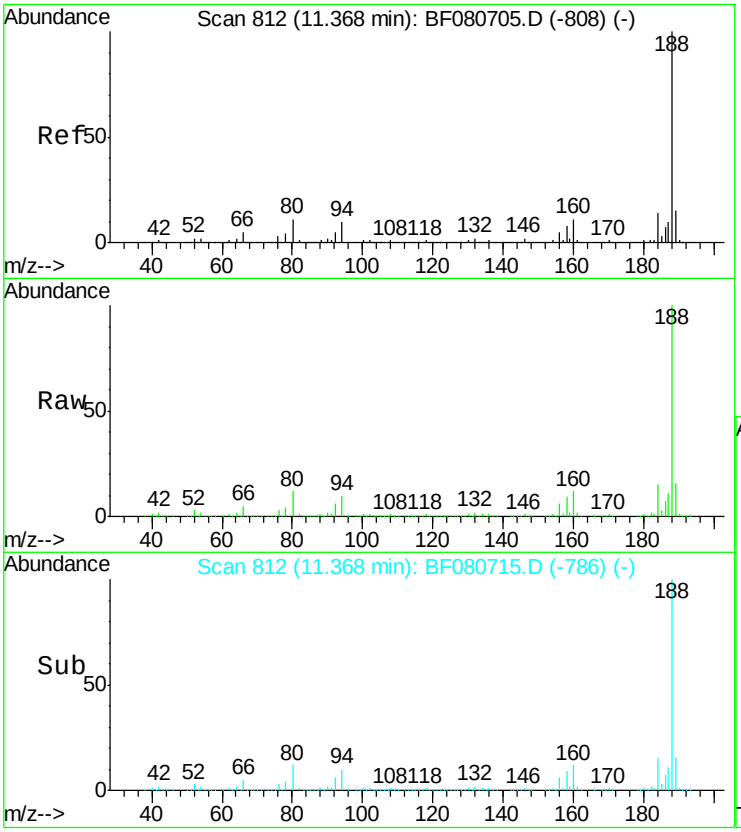


#44
2-Fluorobiphenyl
Concen: 48.59 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Tgt Ion:172 Resp: 2316141

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.2	45.4
170	25.5	20.2	30.2



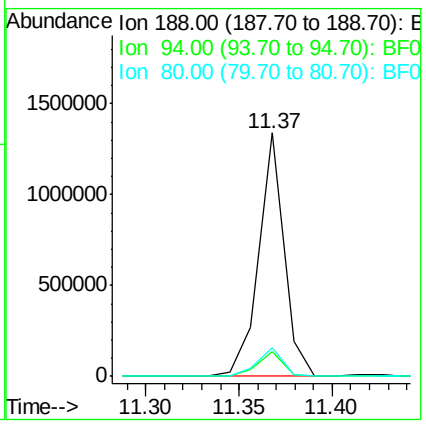


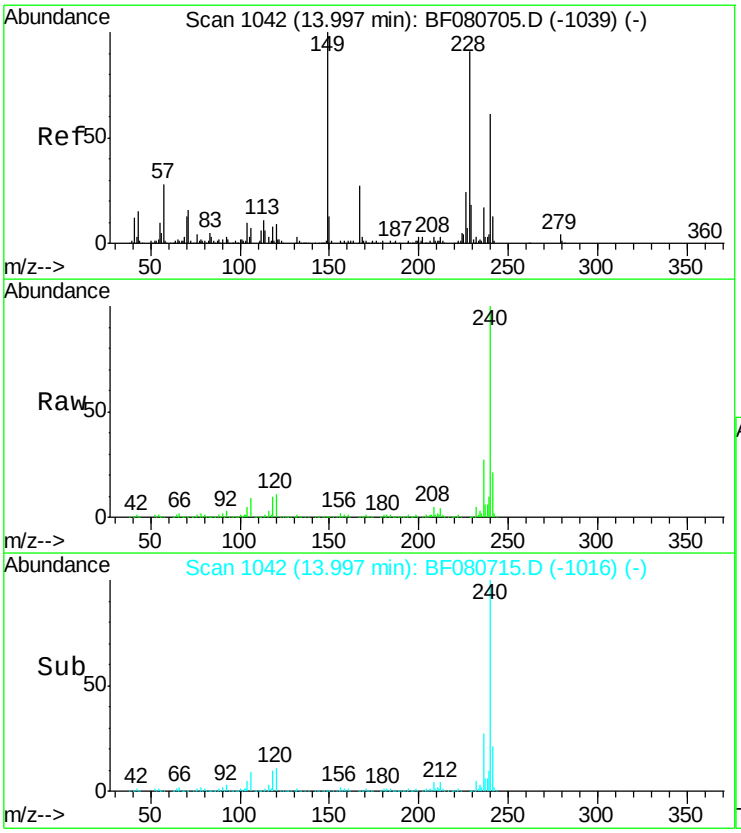
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
FBRE

Tgt Ion:188 Resp: 1254528

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.9	9.1	13.7

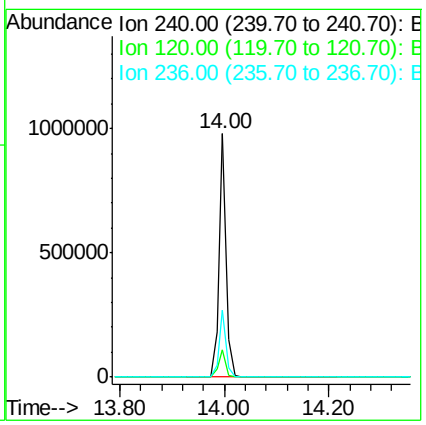


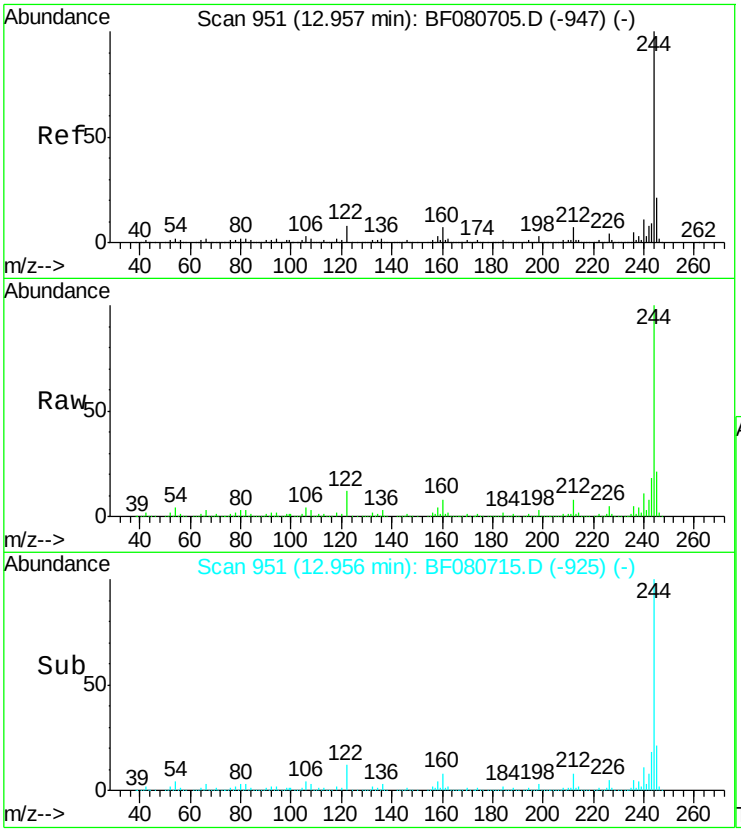


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Tgt Ion:240 Resp: 918852

Ion	Ratio	Lower	Upper
240	100		
120	11.0	11.8	17.8#
236	27.3	21.8	32.8



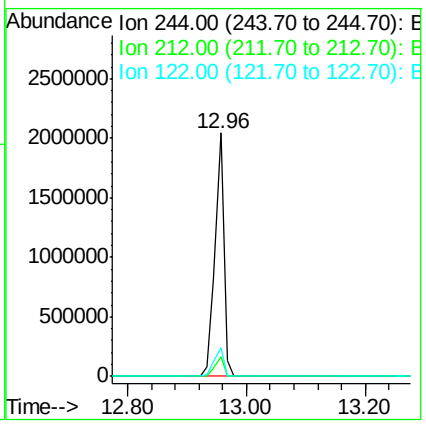


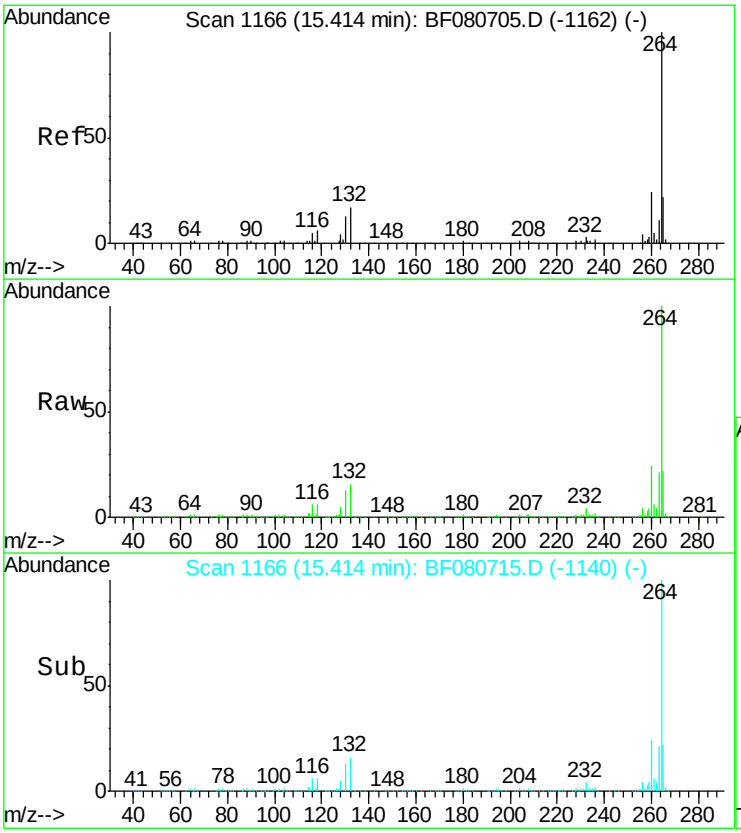
#78
Terphenyl-d14
Concen: 43.48 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
FBRE

Tgt Ion:244 Resp: 2112433

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	11.7	6.6	9.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080715.D
Acq: 31 Jul 2015 2:59

Tgt Ion:264 Resp: 684673

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.5	17.3	25.9