Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089227.D
Acq On : 23 Jul 2016 9:55
Operator : UM/SJ
Sample : H4120-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-01-6.5-15.0

Quant Time: Jul 25 03:47:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 03:29:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46630	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	208531	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	97779	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	193982	20.00	ng	0.00
75) Chrysene-d12	13.70	240	144180	20.00	ng	-0.01
86) Perylene-d12	15.04	264	102248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	230156	75.07	ng	0.00
7) Phenol-d6	6.23	99	217000	54.88	ng	-0.01
23) Nitrobenzene-d5	7.15	82	367487	93.64	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	122449	139.09	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	696278	98.11	ng	0.00
78) Terphenyl-d14	12.67	244	630038	94.78	ng	0.00

Target Compounds	Qvalue

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

Quantitation Report (LSC Reviewed)

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Data File : BF089227.D
Acq On : 23 Jul 2016 9:55
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Sample : H4120-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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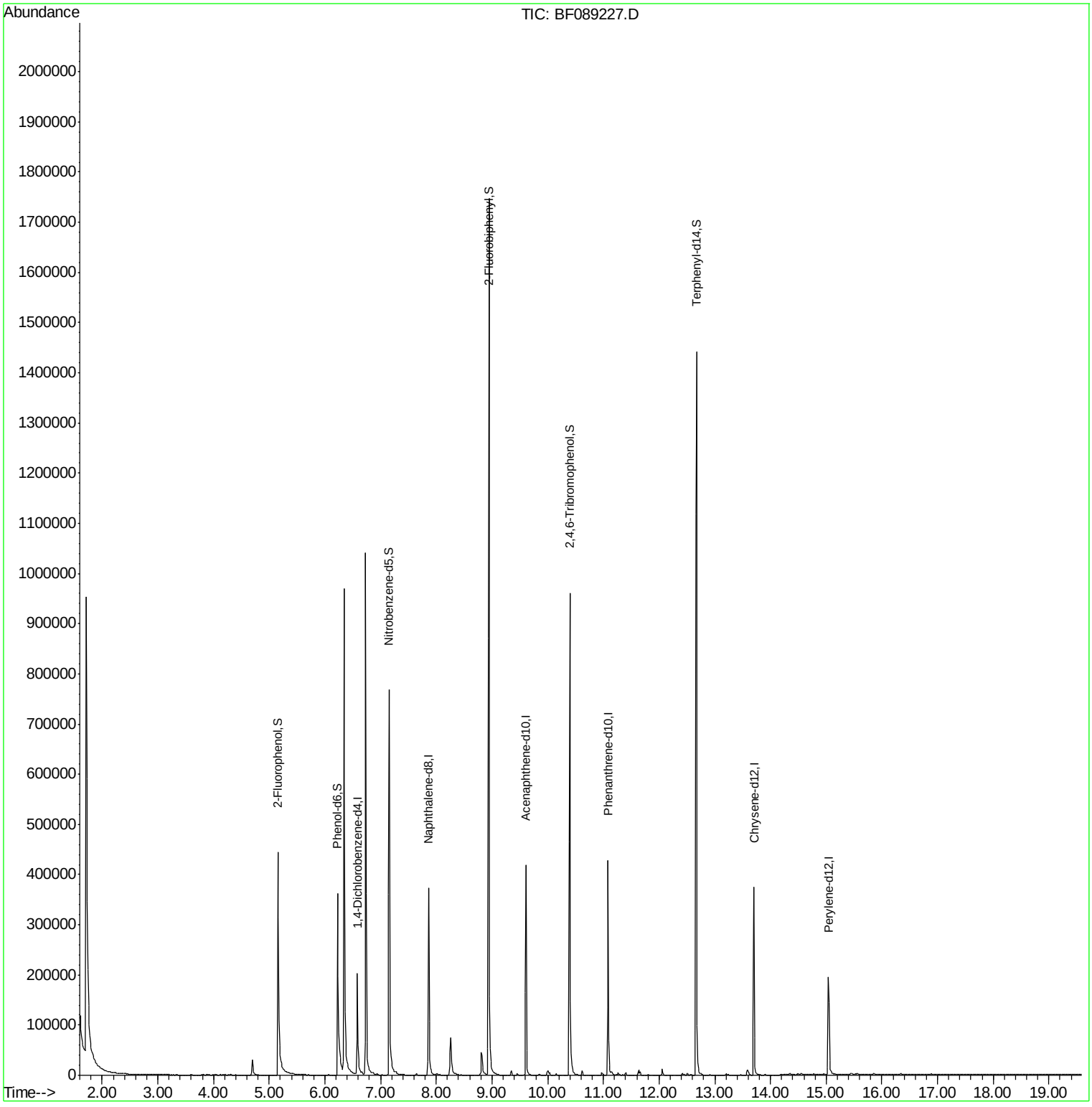
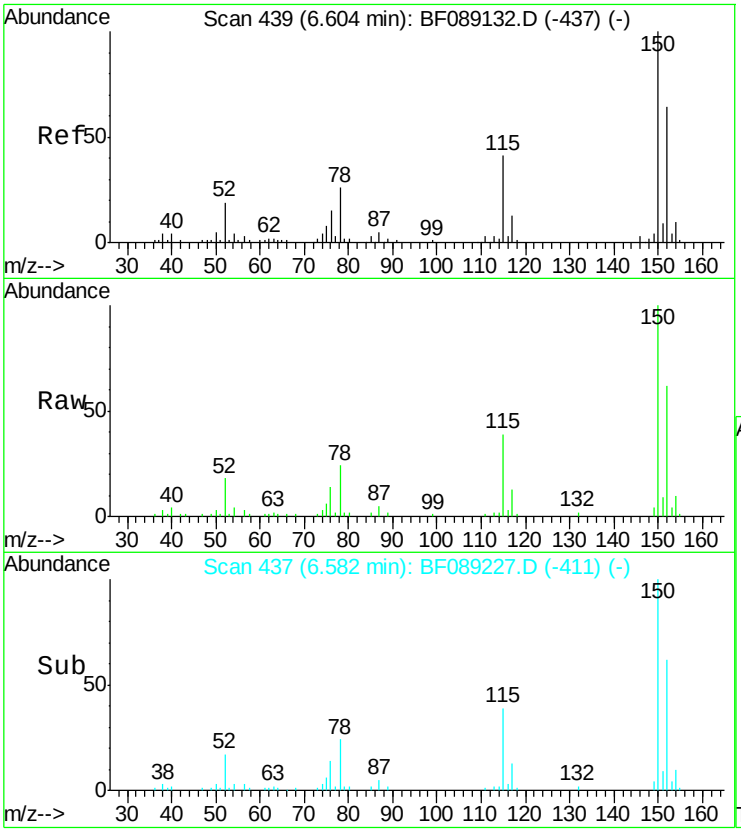


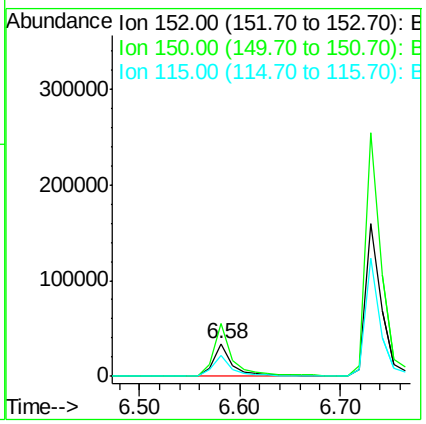


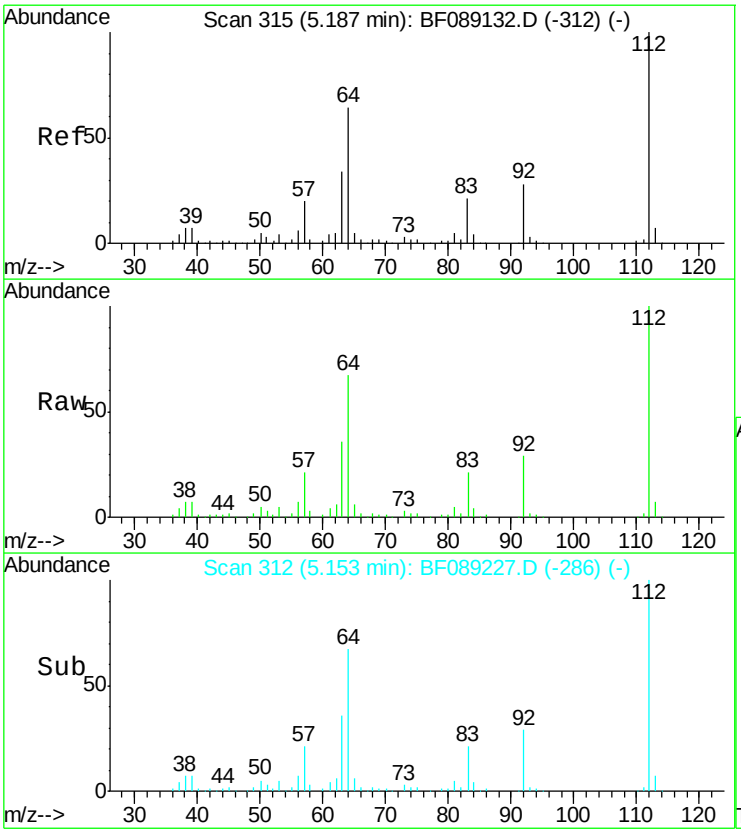
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion:152 Resp: 46630

Ion	Ratio	Lower	Upper
152	100		
150	161.8	125.1	187.7
115	62.6	51.1	76.7

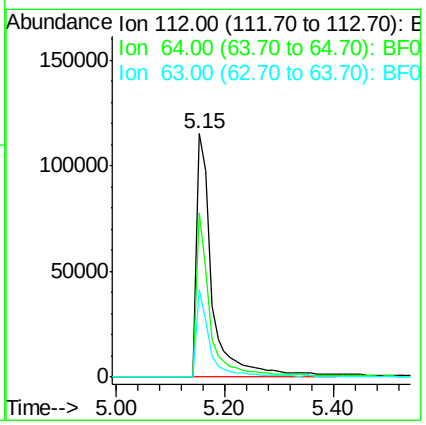


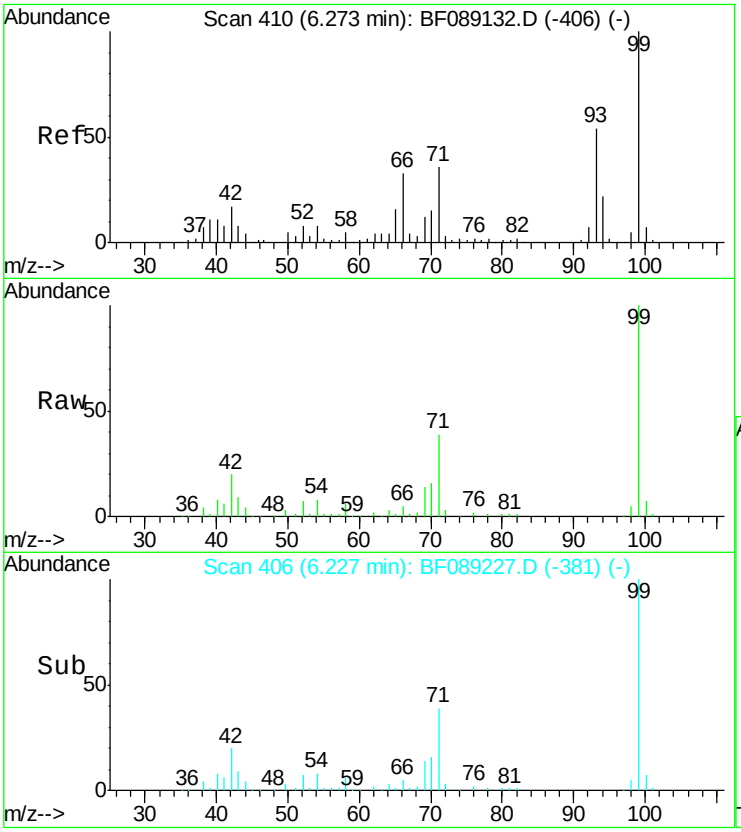


#5
2-Fluorophenol
Concen: 75.07 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion:112 Resp: 230156

Ion	Ratio	Lower	Upper
112	100		
64	67.2	51.0	76.4
63	35.8	27.3	40.9



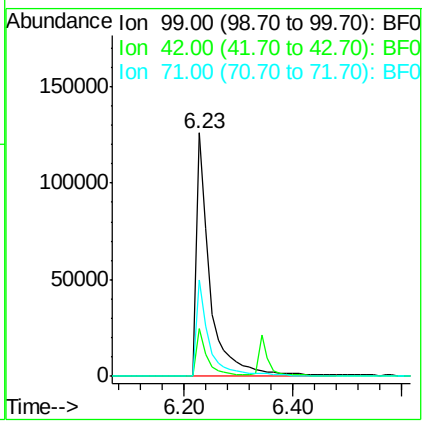


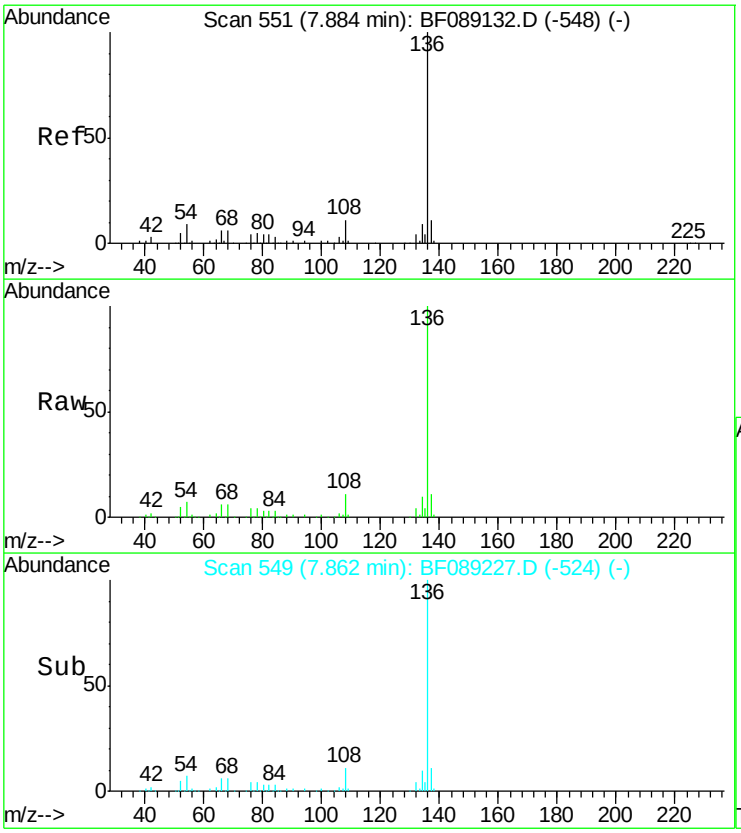
#7
Phenol-d6
Concen: 54.88 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion: 99 Resp: 217000

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	39.5	28.9	43.3

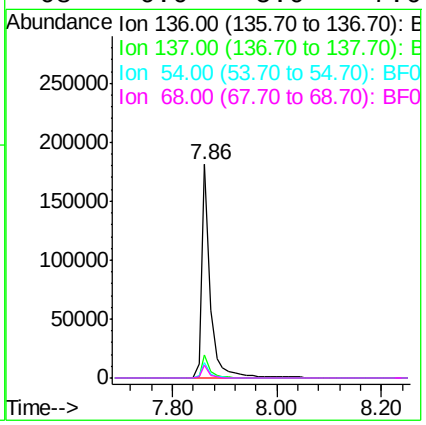


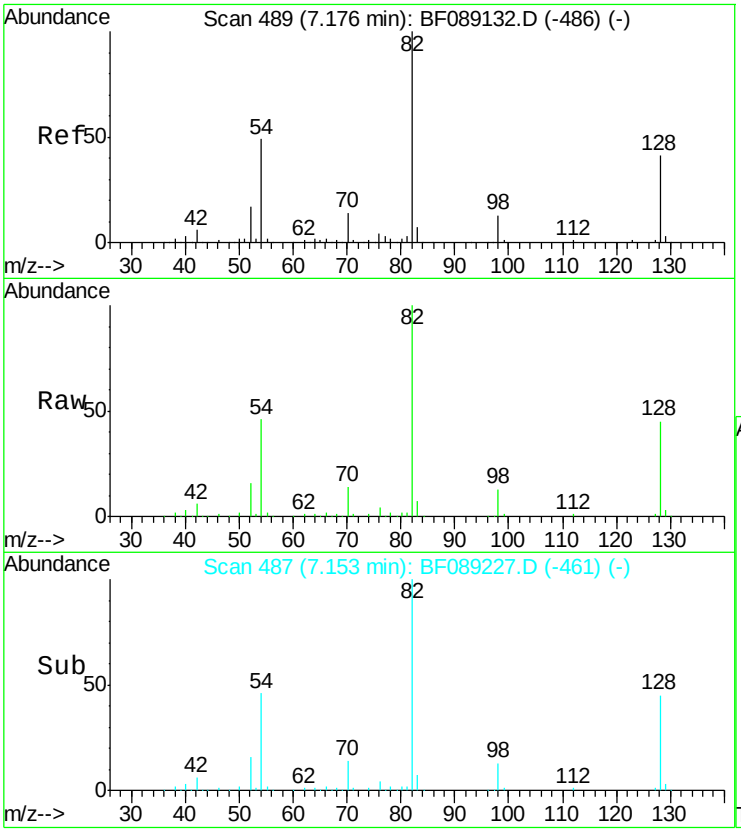


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion:136 Resp: 208531

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	7.0	10.4
68	6.0	5.0	7.6



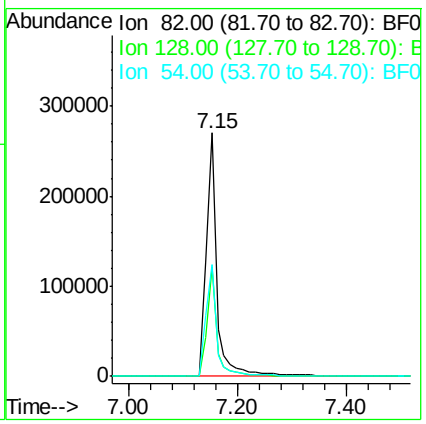


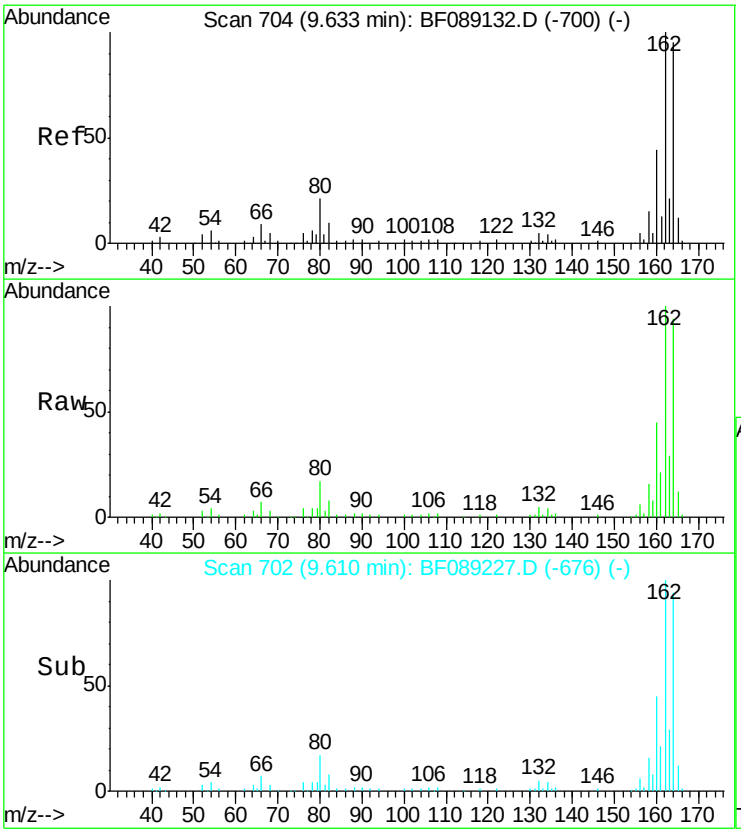
#23
Nitrobenzene-d5
Concen: 93.64 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion: 82 Resp: 367487

Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.0	49.6
54	45.7	39.0	58.4

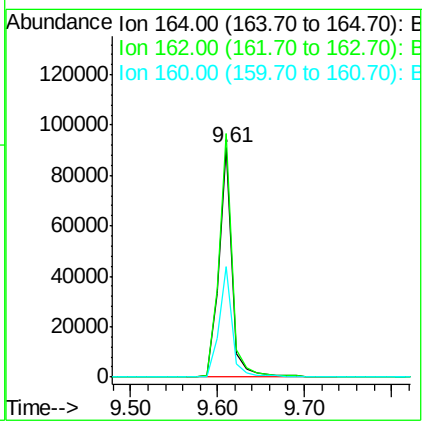


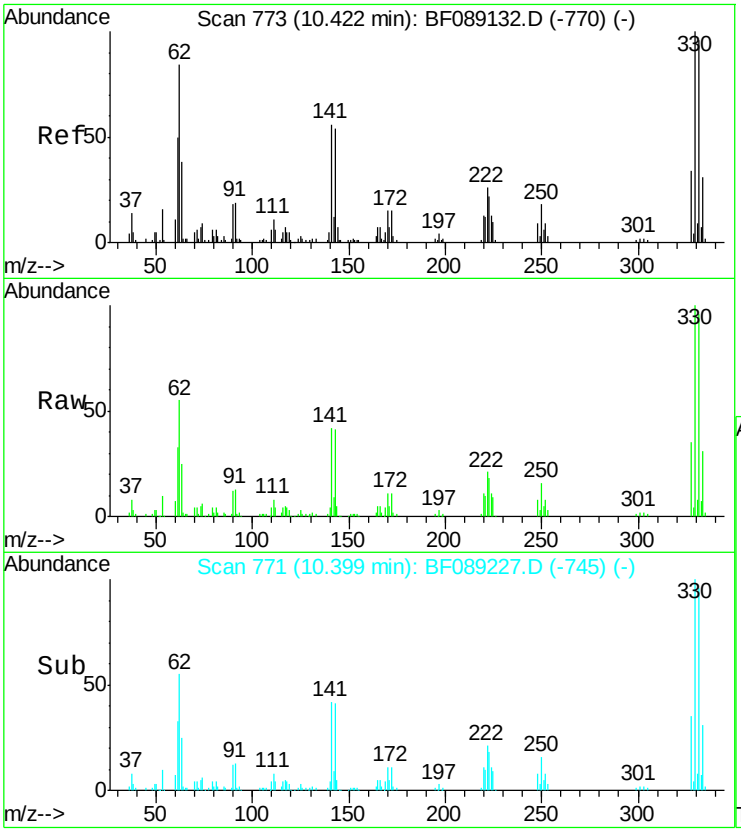


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion:164 Resp: 97779

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.1	126.1
160	48.1	37.1	55.7



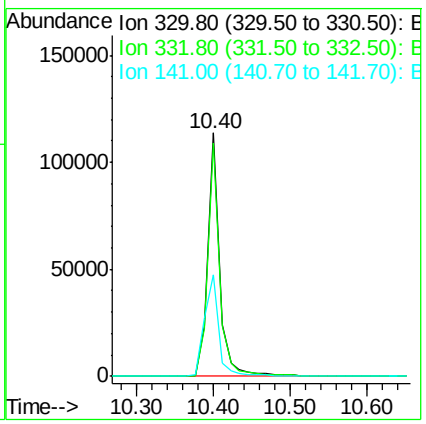


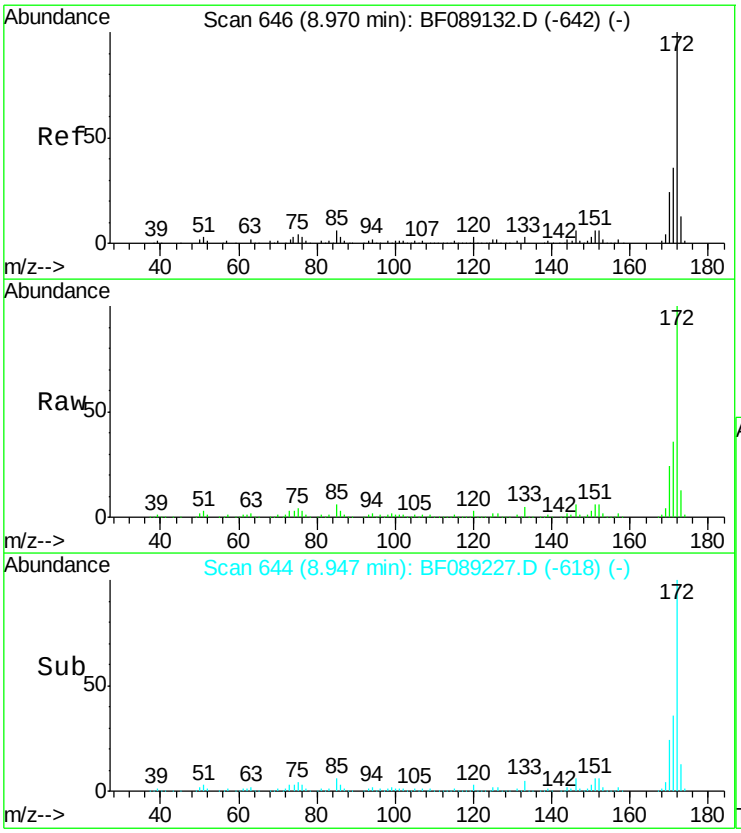
#41
2,4,6-Tribromophenol
Concen: 139.09 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion:330 Resp: 122449

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	49.6	42.2	63.2

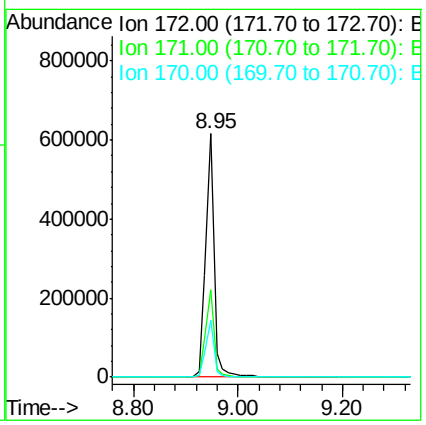


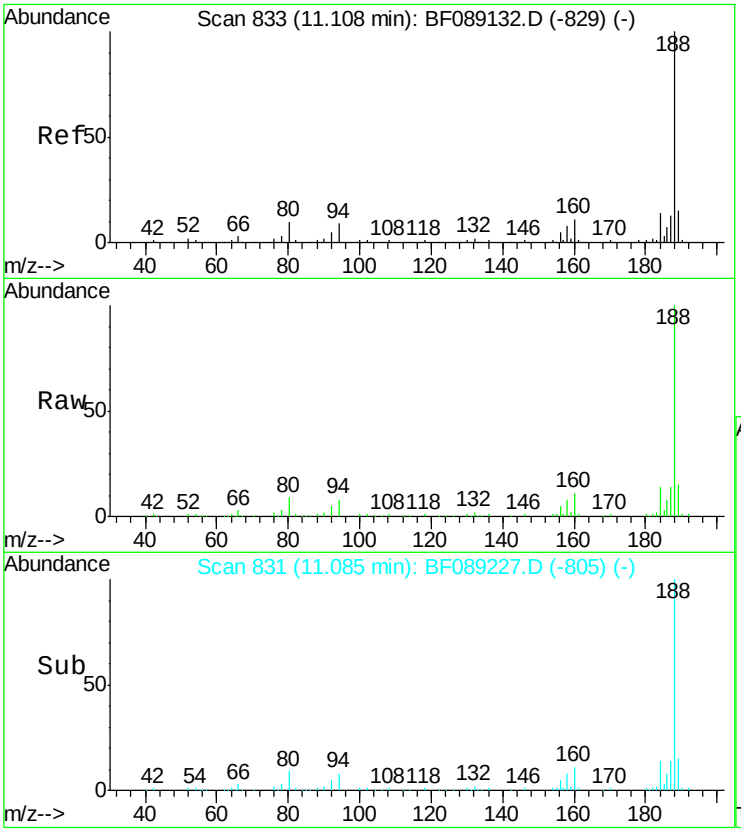


#44
2-Fluorobiphenyl
Concen: 98.11 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion:172 Resp: 696278

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.6	19.1	28.7



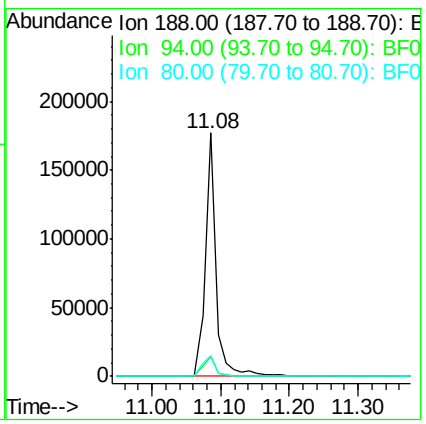


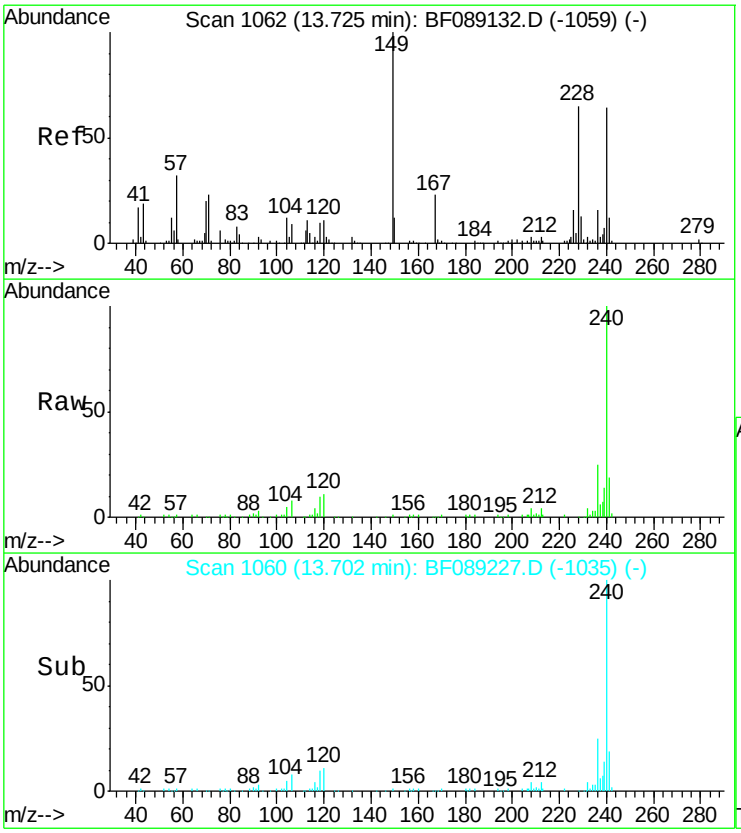
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion:188 Resp: 193982

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.4
80	8.6	7.7	11.5

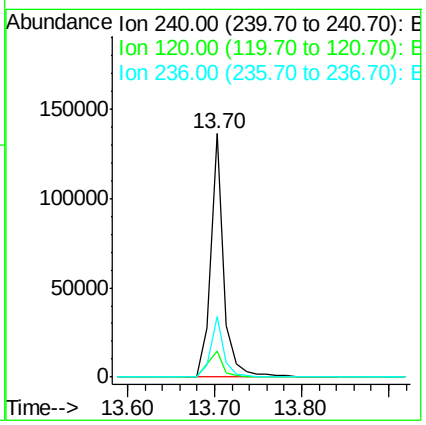


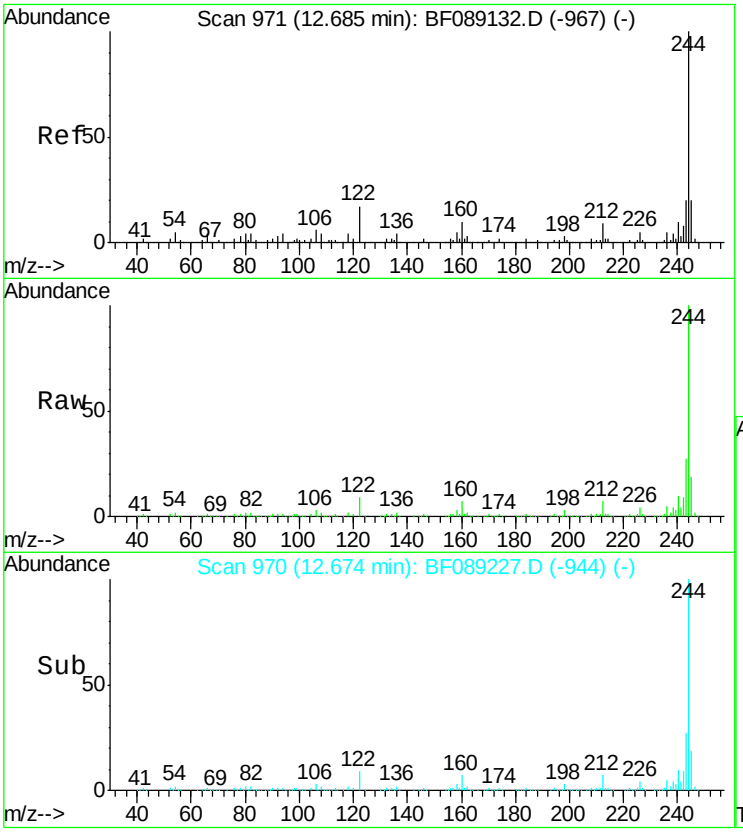


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion:240 Resp: 144180

Ion	Ratio	Lower	Upper
240	100		
120	10.8	13.6	20.4#
236	25.1	20.5	30.7



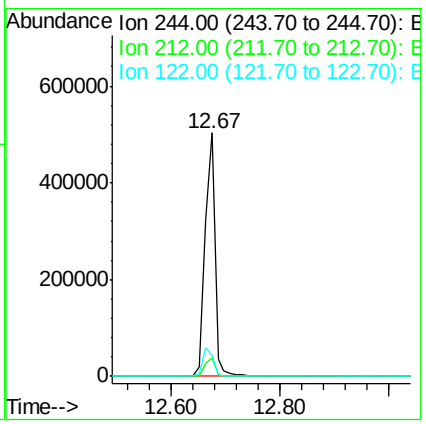


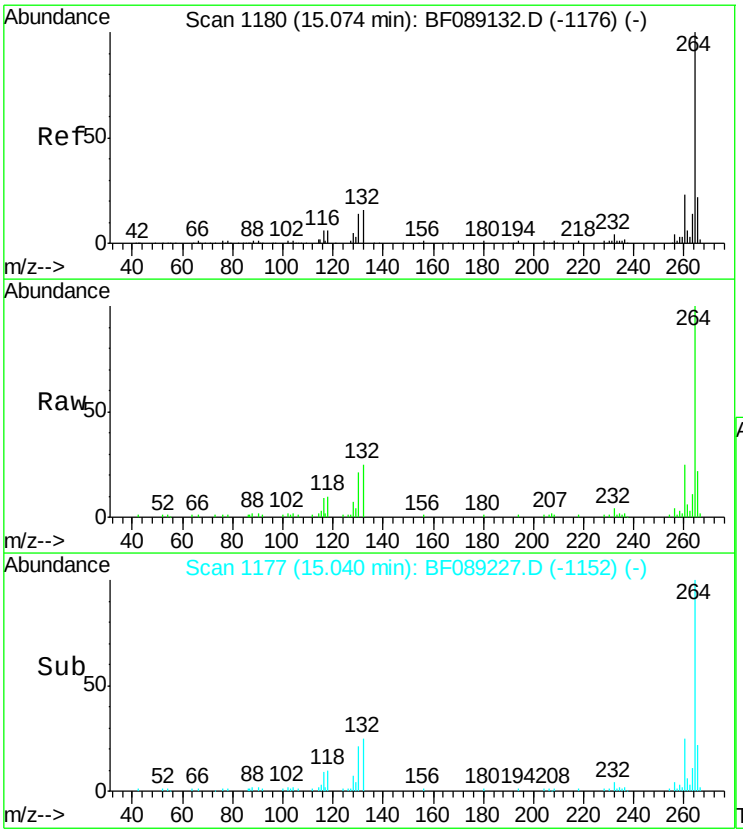
#78
Terphenyl-d14
Concen: 94.78 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion:244 Resp: 630038

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	8.7	13.8	20.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion:264 Resp: 102248

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	22.4	17.3	25.9