Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089430.D
Acq On : 30 Jul 2016 1:41
Operator : UM/SJ
Sample : H4221-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-44-8.6-15.0

Quant Time: Jul 30 02:29:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	46562	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	179876	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	84391	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	129451	20.00	ng	0.00
75) Chrysene-d12	13.63	240	90505	20.00	ng	0.00
86) Perylene-d12	14.96	264	94075	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	243589	83.53	ng	0.00
7) Phenol-d6	6.17	99	244577	63.46	ng	-0.01
23) Nitrobenzene-d5	7.08	82	290792	95.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	77999	111.60	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	516951	89.90	ng	0.00
78) Terphenyl-d14	12.59	244	324381	83.88	ng	-0.01
Target Compounds						Qvalue

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

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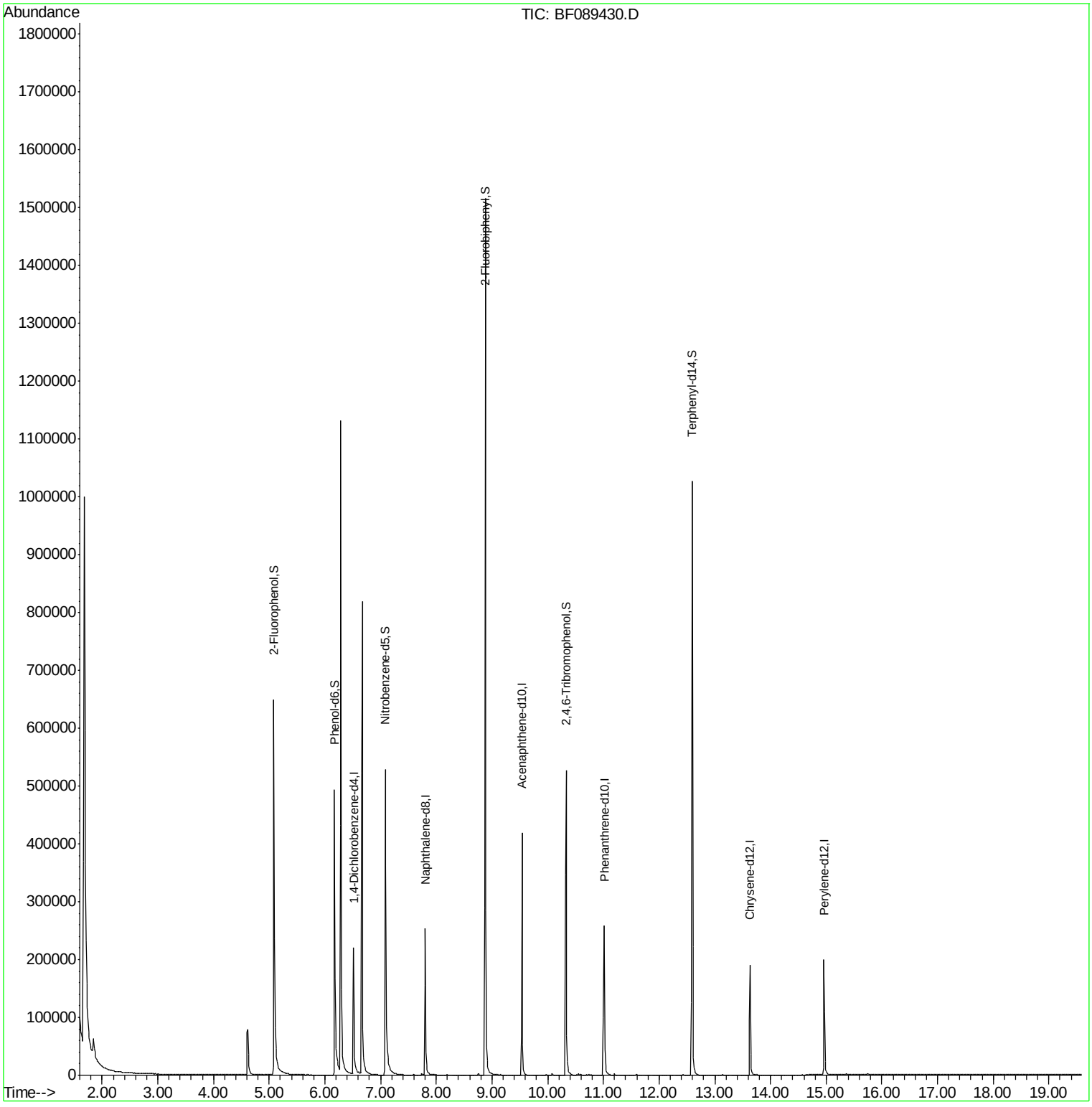
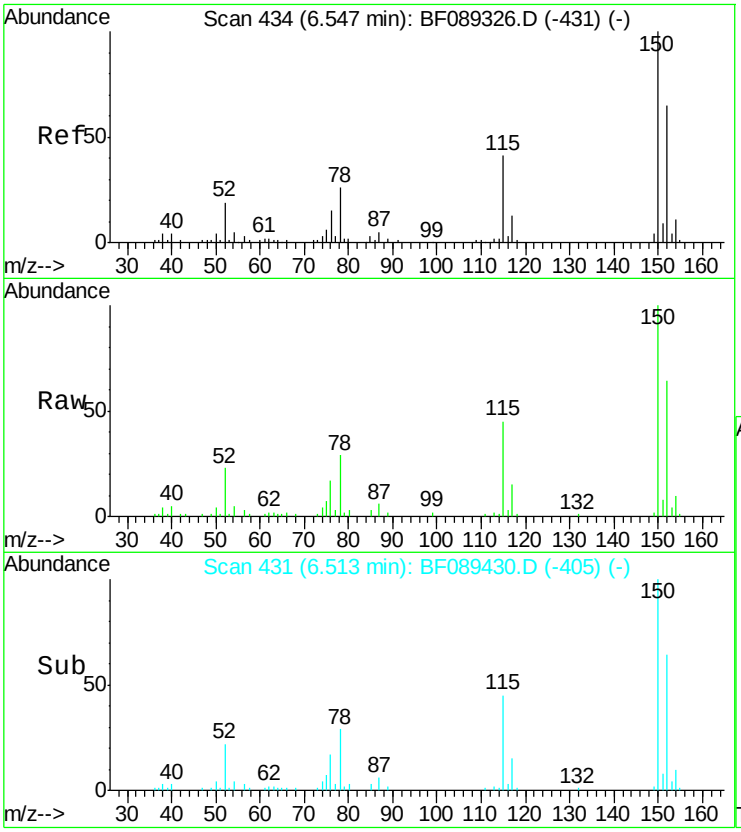


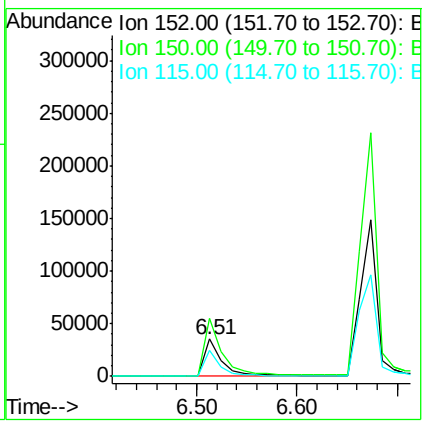


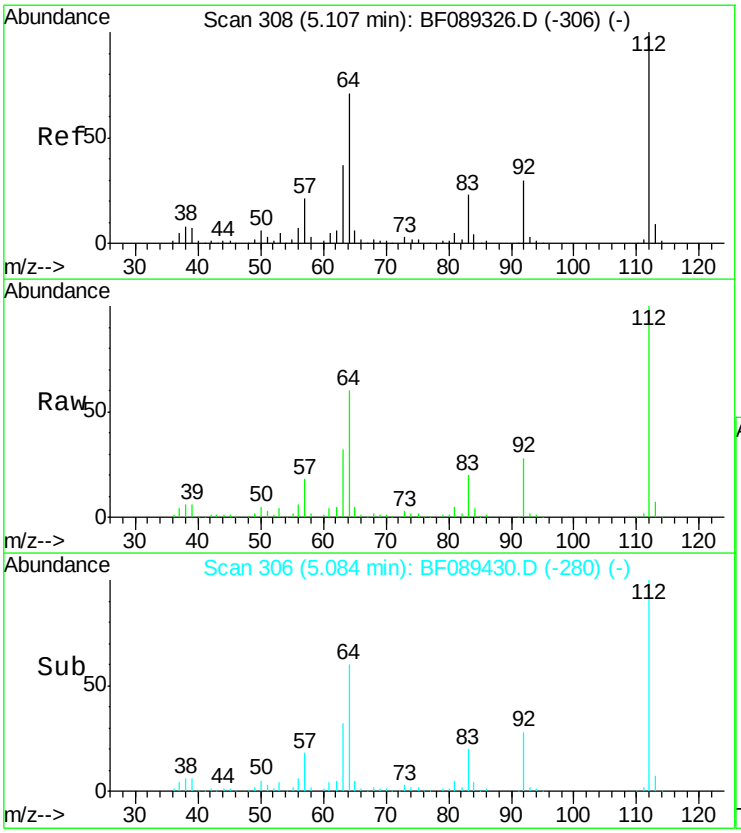
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0

Tgt Ion:152 Resp: 46562

Ion	Ratio	Lower	Upper
152	100		
150	155.4	129.5	194.3
115	69.5	51.4	77.2

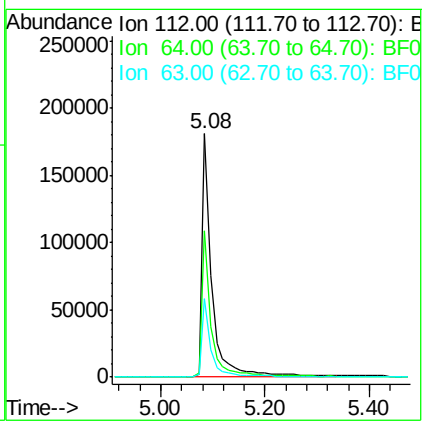


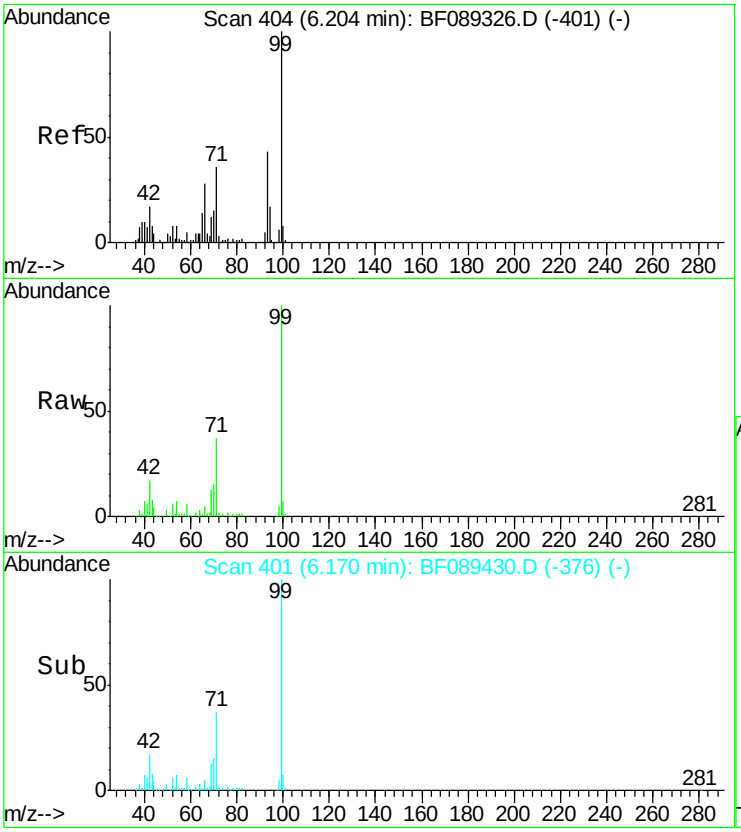


#5
2-Fluorophenol
Concen: 83.53 ng
RT: 5.08 min Scan# 306
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Tgt Ion:112 Resp: 243589

Ion	Ratio	Lower	Upper
112	100		
64	60.2	55.0	82.6
63	32.1	29.4	44.2



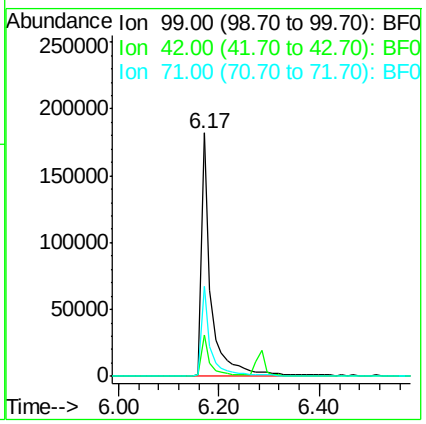


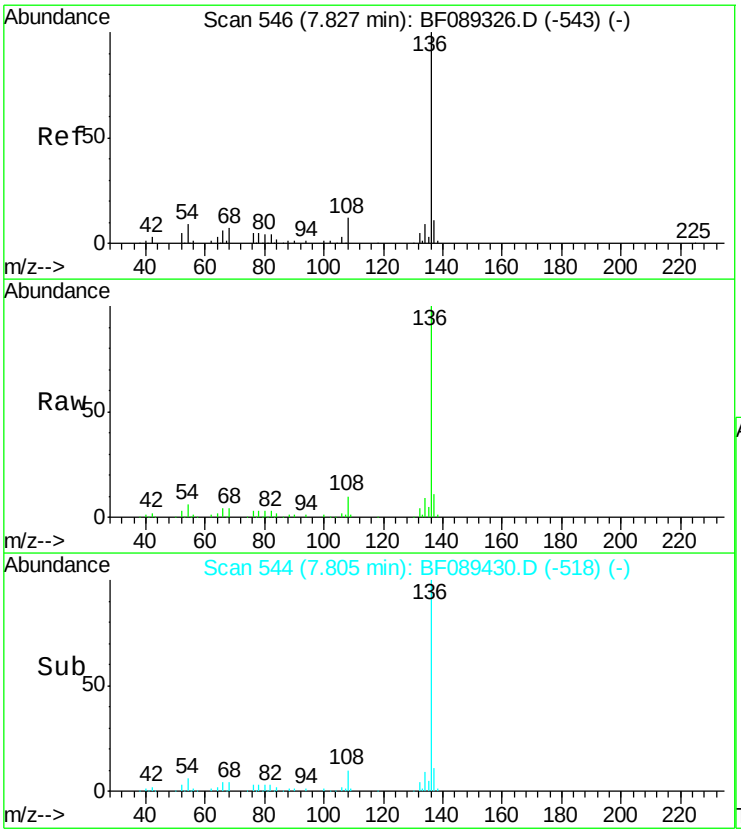
#7
Phenol-d6
Concen: 63.46 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0

Tgt Ion: 99 Resp: 244577

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	37.0	29.4	44.2

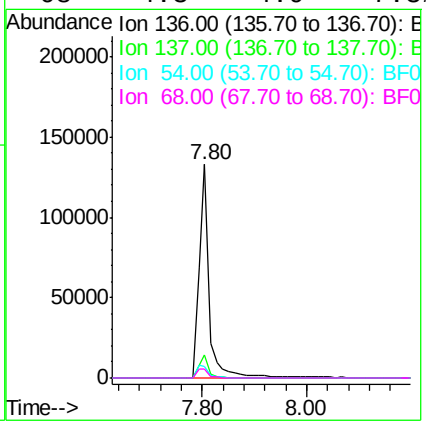


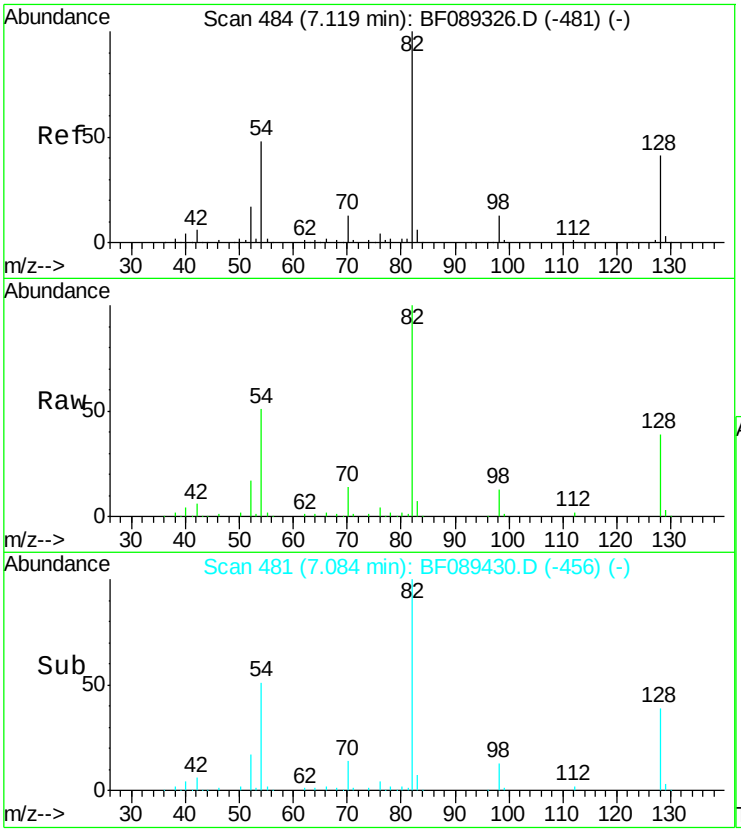


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Tgt Ion:136 Resp: 179876

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.6	7.0	10.4#
68	4.3	4.9	7.3#



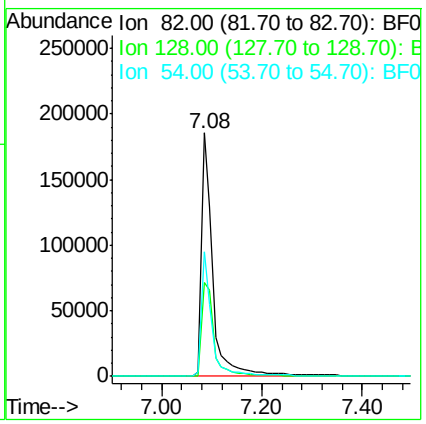


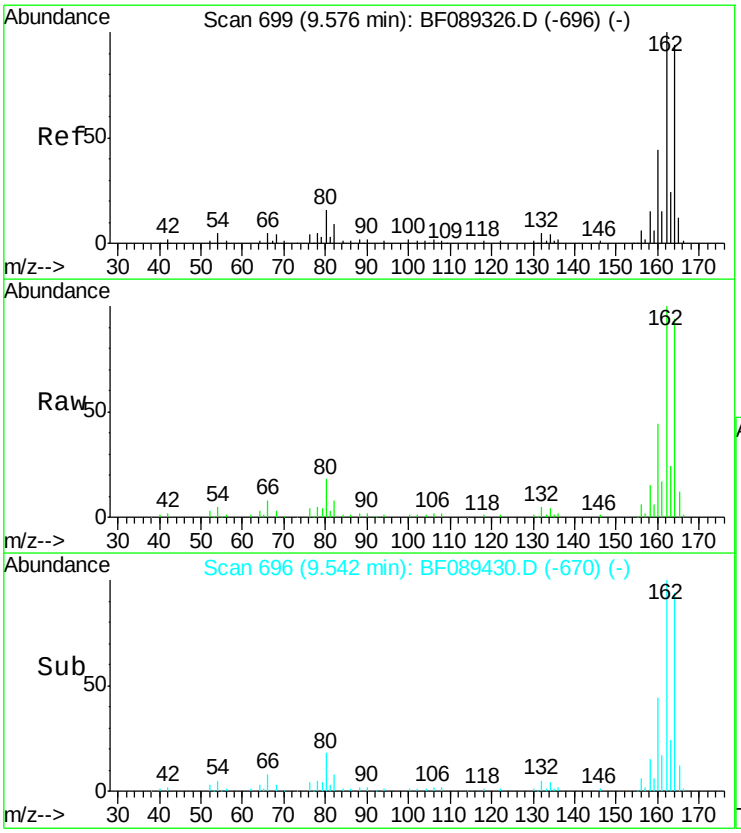
#23
Nitrobenzene-d5
Concen: 95.42 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0

Tgt Ion: 82 Resp: 290792

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.5	48.7
54	51.2	38.8	58.2

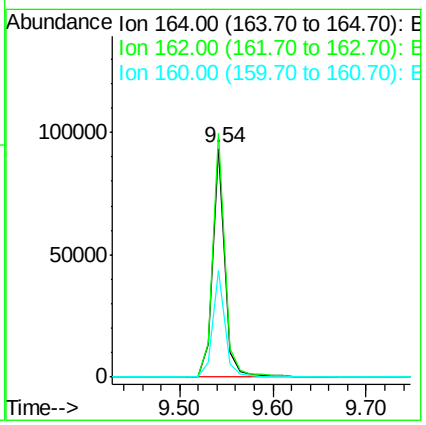


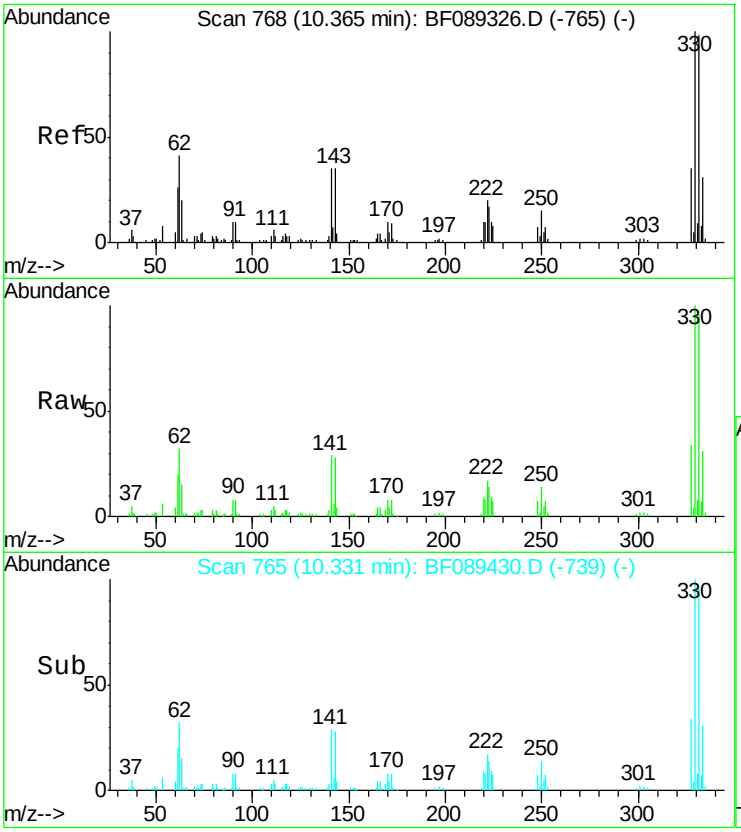


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Tgt Ion:164 Resp: 84391

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.7	125.5
160	46.6	37.8	56.6



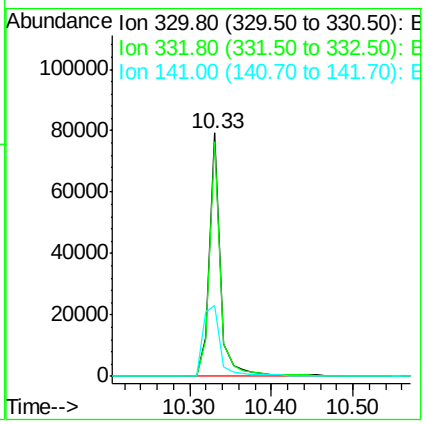


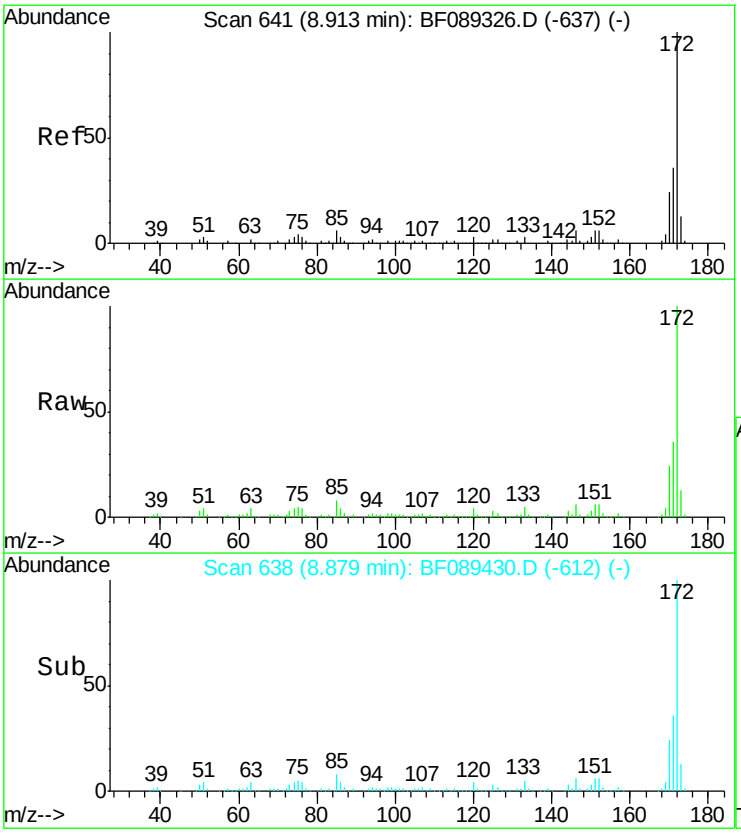
#41
2,4,6-Tribromophenol
Concen: 111.60 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0

Tgt Ion:330 Resp: 77999

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	45.2	37.3	55.9

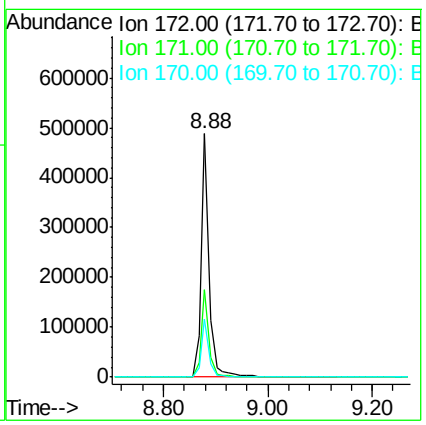


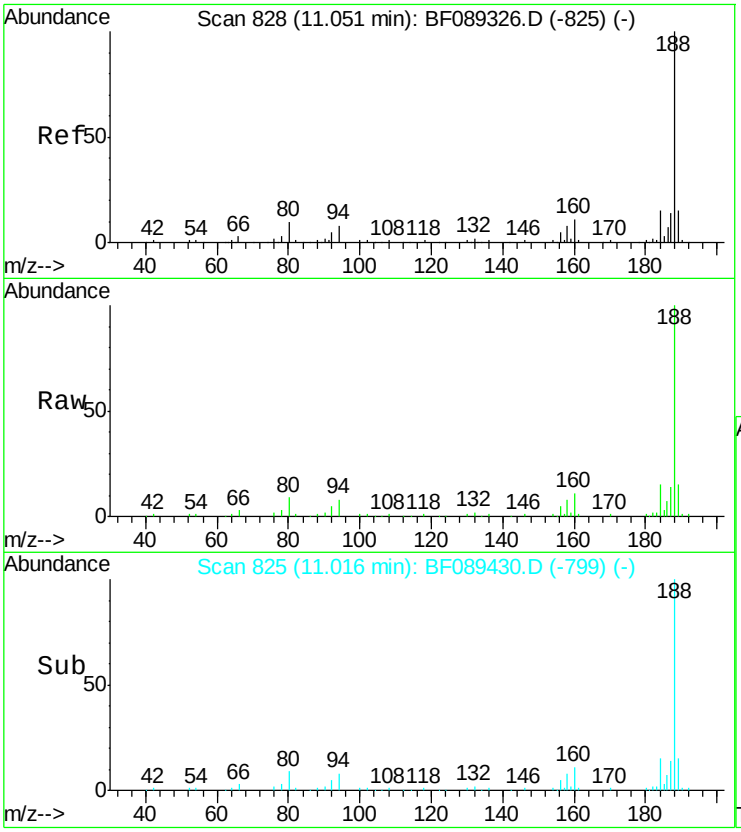


#44
2-Fluorobiphenyl
Concen: 89.90 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Tgt Ion:172 Resp: 516951

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.8	19.2	28.8



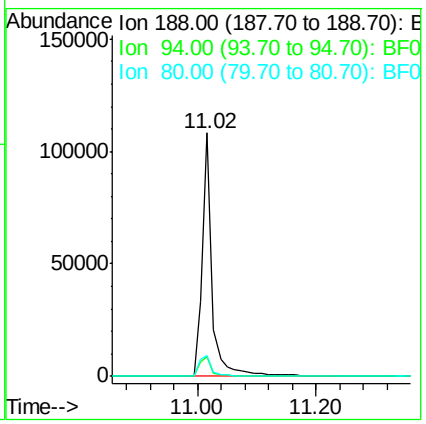


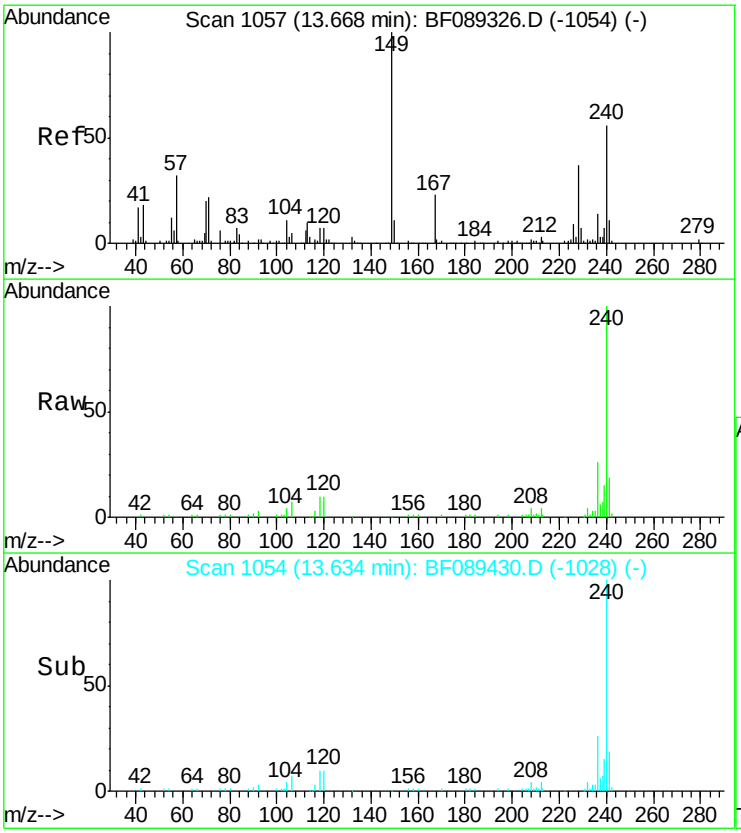
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0

Tgt Ion:188 Resp: 129451

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	8.8	7.2	10.8

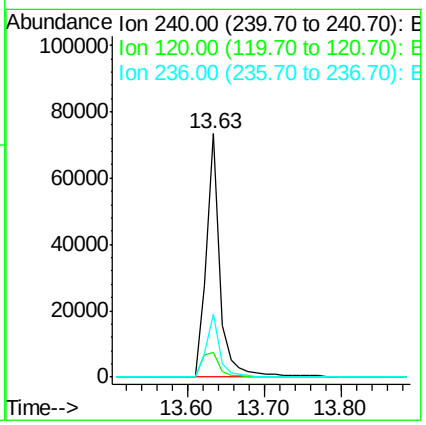


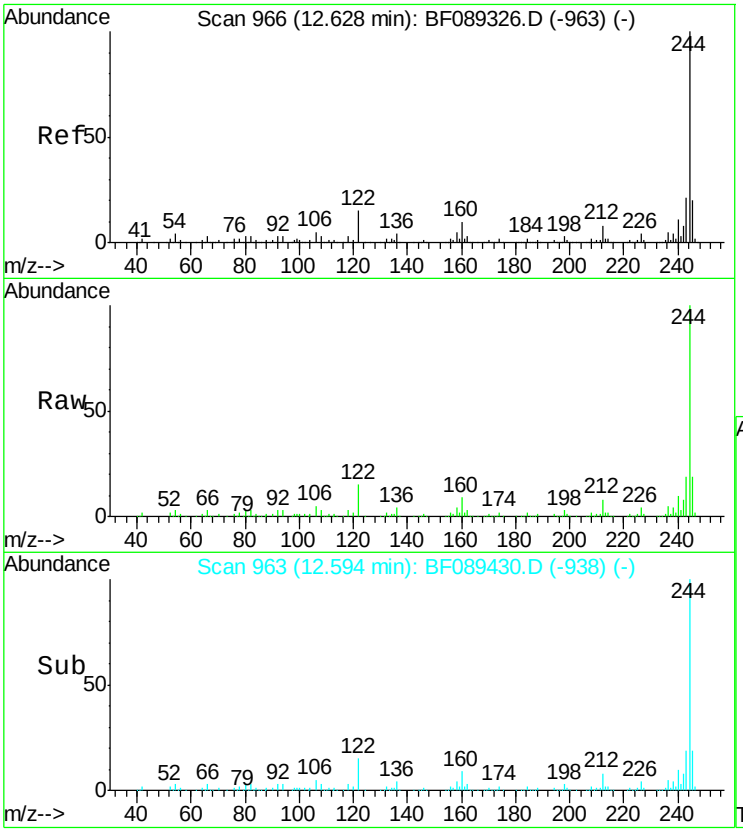


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Tgt Ion:240 Resp: 90505

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.1	13.7
236	25.7	20.6	30.8



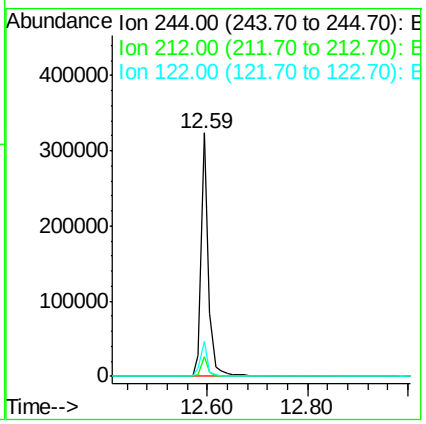


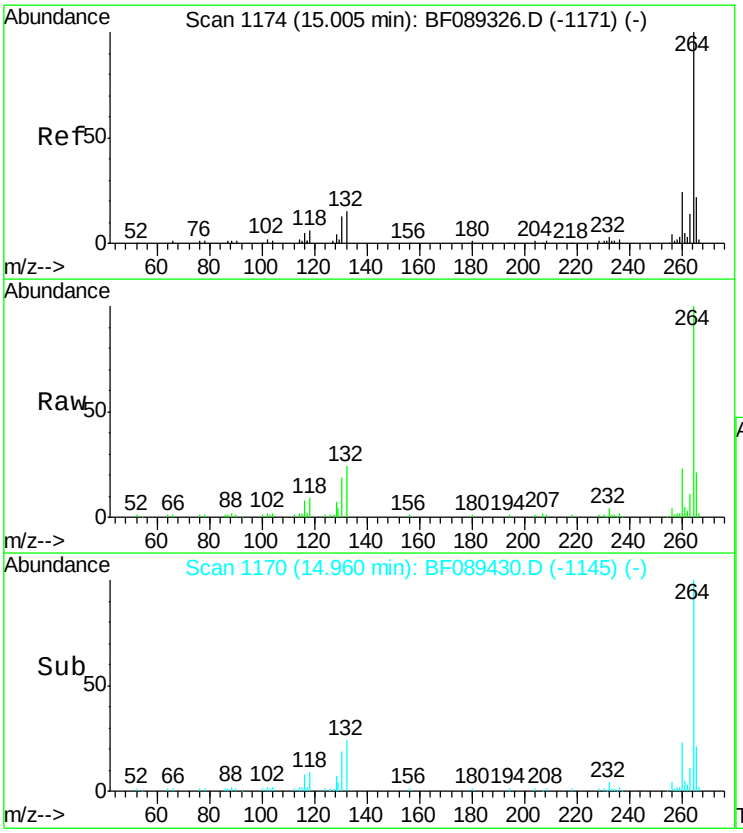
#78
Terphenyl-d14
Concen: 83.88 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0

Tgt Ion:244 Resp: 324381

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	14.6	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF089430.D
Acq: 30 Jul 2016 1:41

Tgt Ion:264 Resp: 94075

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.2	17.5	26.3