Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087950.D
Acq On : 12 Jun 2016 16:07
Operator : UM/SJ
Sample : H3490-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Time: Jun 13 05:15:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 05:09:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127991	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	528983	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	224313	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	435160	20.00	ng	0.00
75) Chrysene-d12	13.95	240	334634	20.00	ng	-0.01
86) Perylene-d12	15.37	264	263798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	531315	70.97	ng	0.01
7) Phenol-d6	6.43	99	460452	50.75	ng	-0.01
23) Nitrobenzene-d5	7.37	82	706350	77.97	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	246123	103.92	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1347341	95.01	ng	0.00
78) Terphenyl-d14	12.91	244	1012273	68.84	ng	0.00
Target Compounds						Qvalue

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

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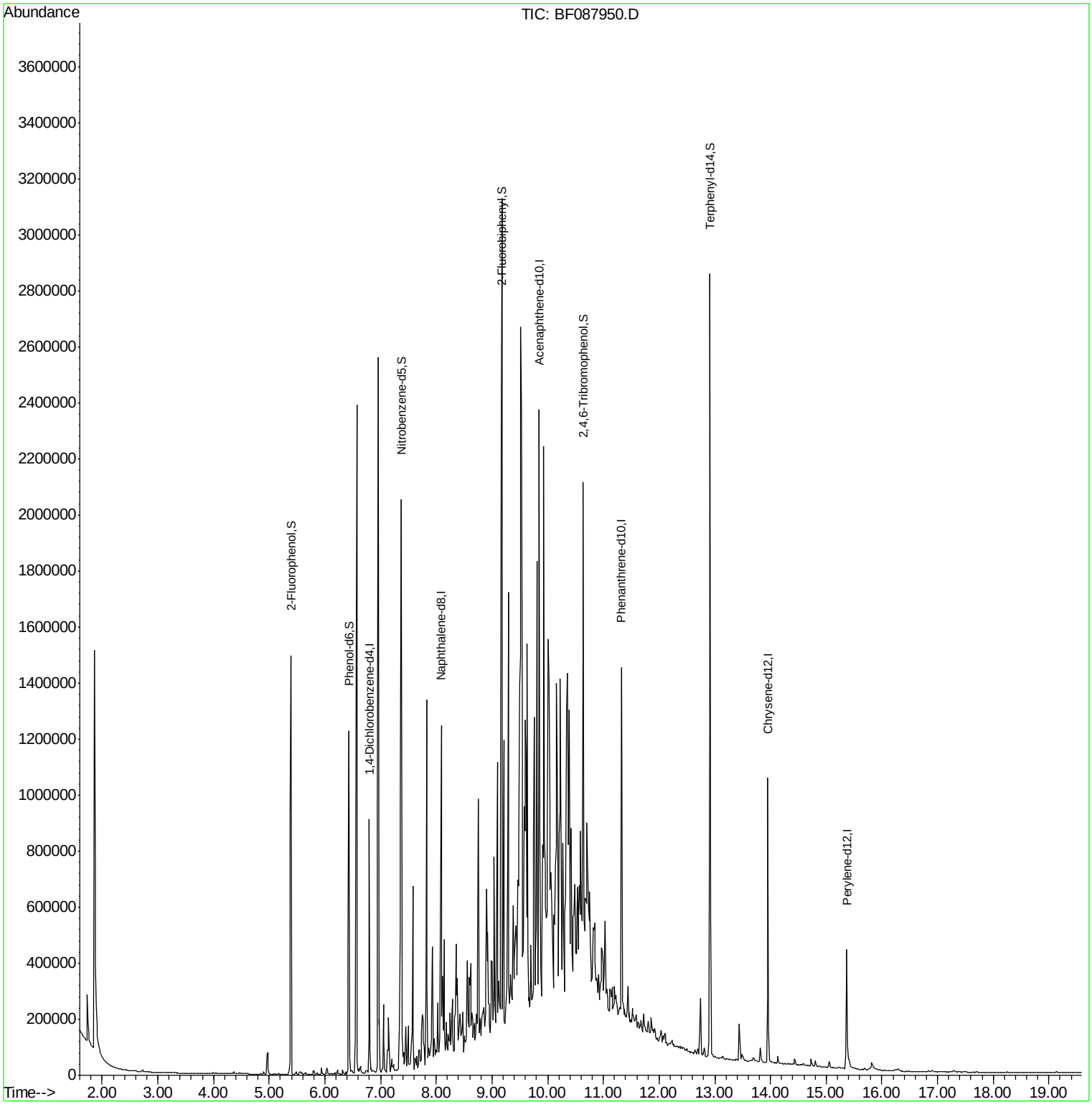
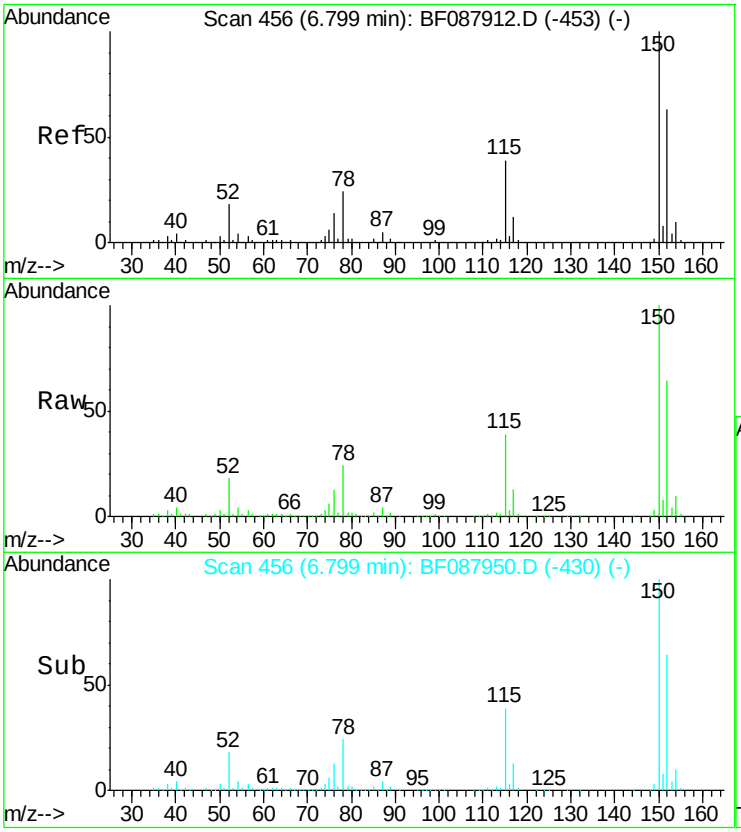


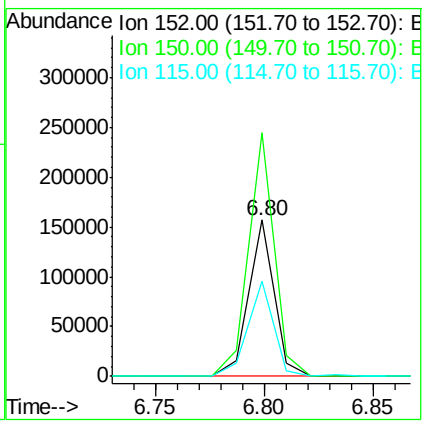


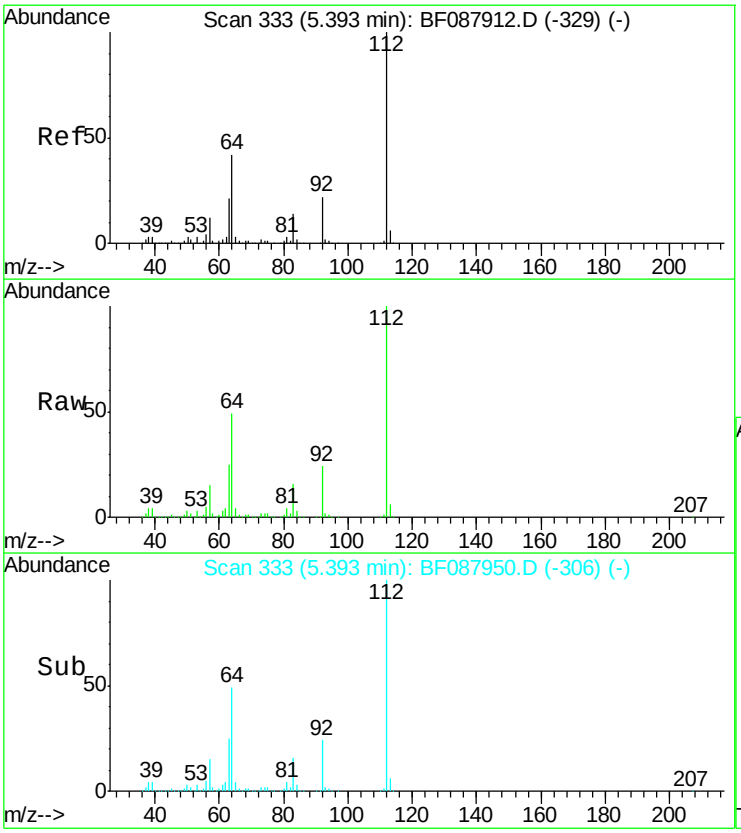
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion:152 Resp: 127991

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	60.7	39.6	59.4#

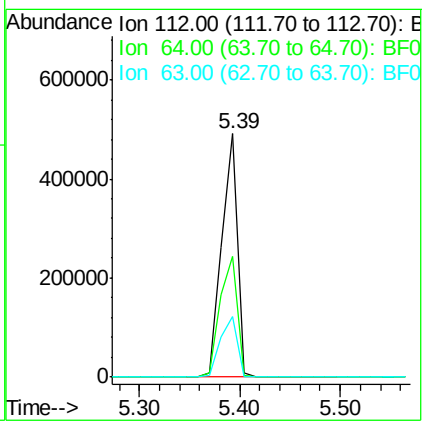


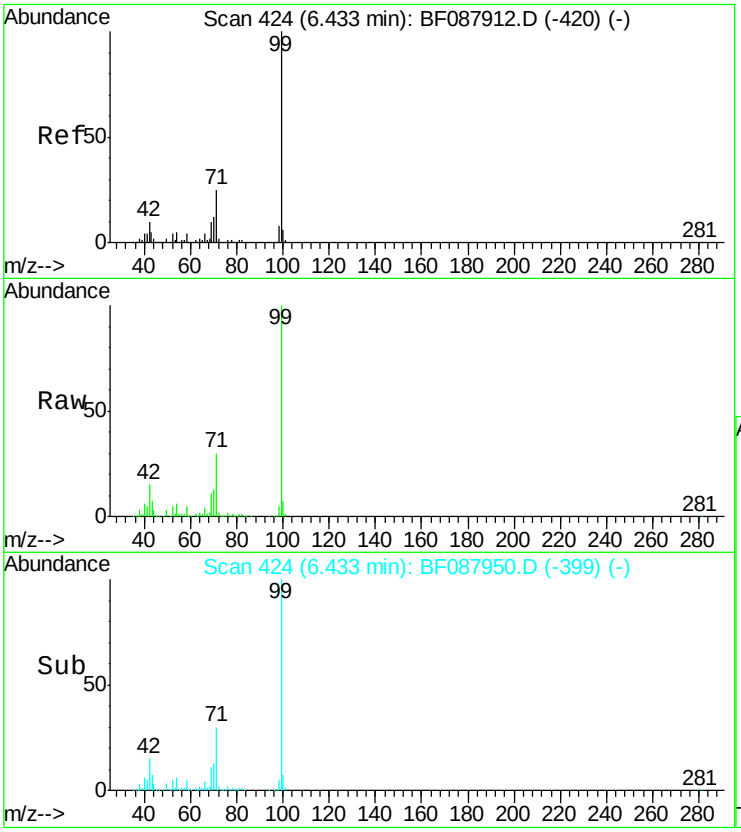


#5
2-Fluorophenol
Concen: 70.97 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:112 Resp: 531315

Ion	Ratio	Lower	Upper
112	100		
64	49.4	42.2	63.2
63	25.0	21.8	32.8



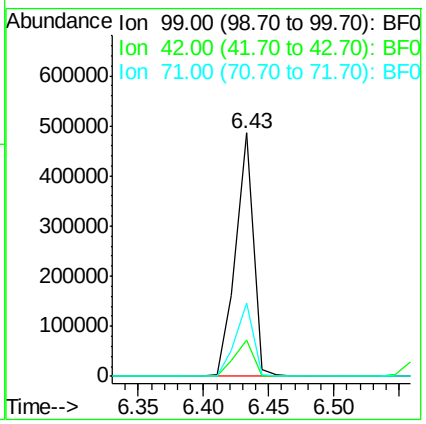


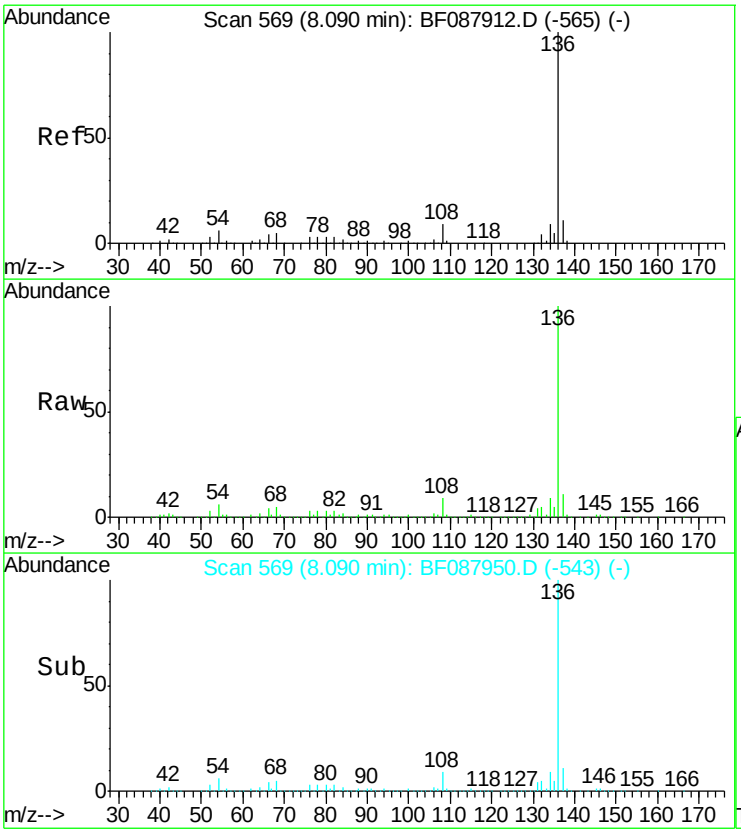
#7
Phenol-d6
Concen: 50.75 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion: 99 Resp: 460452

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.2
71	30.3	23.4	35.0

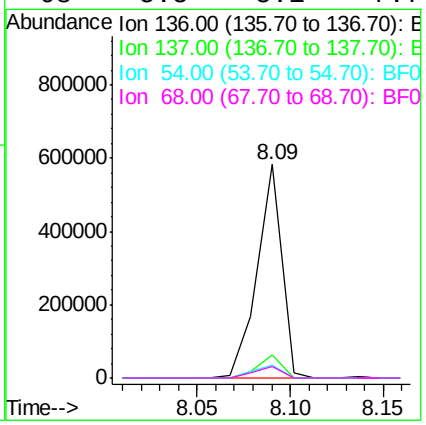


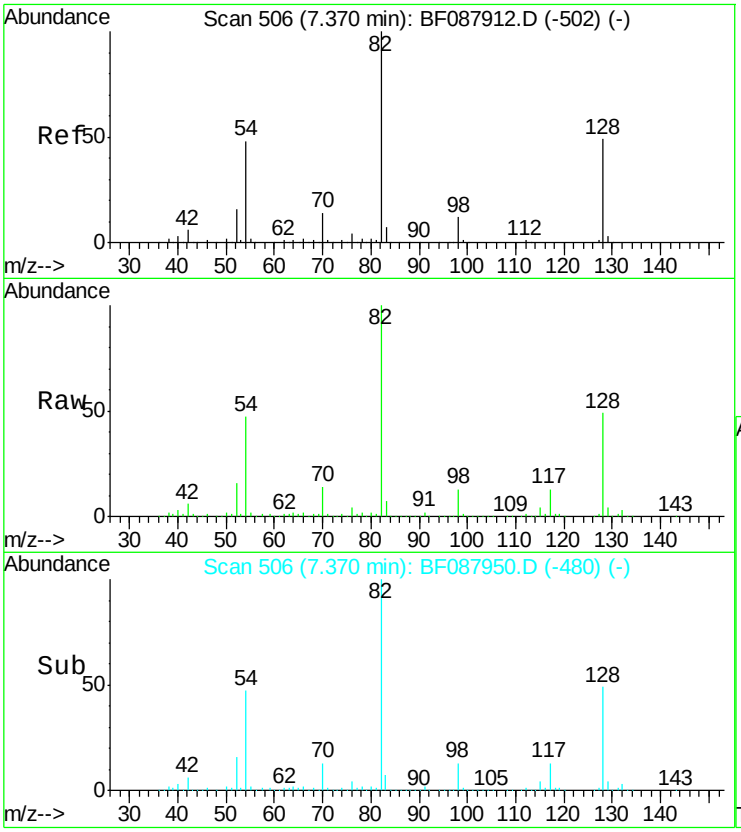


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:136 Resp: 528983

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.3	6.6	10.0#
68	5.5	5.1	7.7



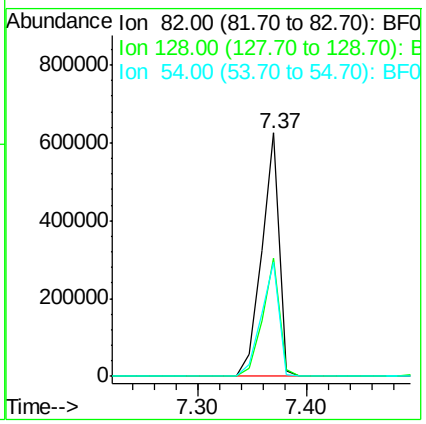


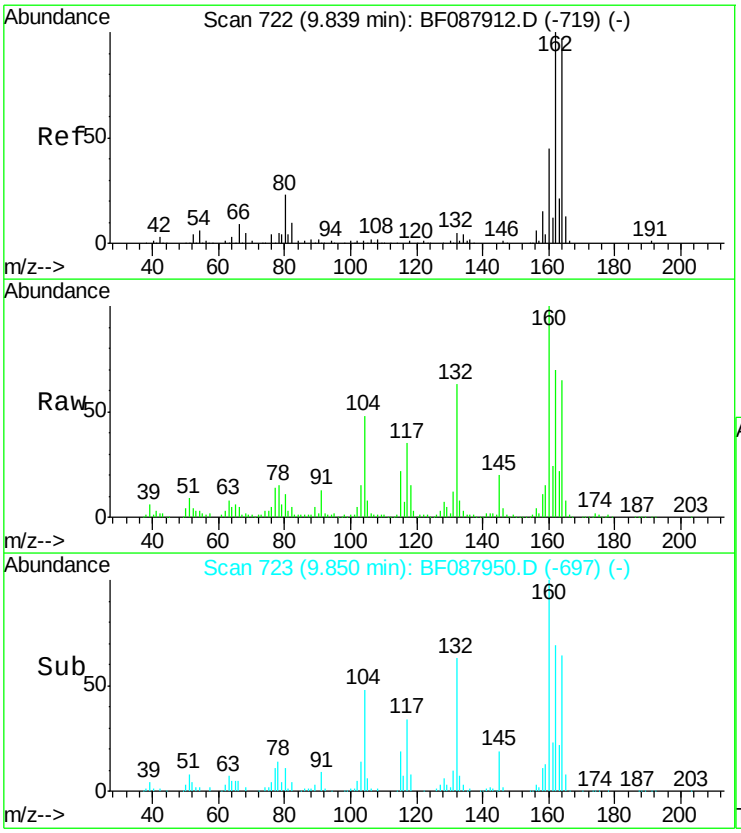
#23
Nitrobenzene-d5
Concen: 77.97 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion: 82 Resp: 706350

Ion	Ratio	Lower	Upper
82	100		
128	48.7	35.9	53.9
54	47.1	40.9	61.3

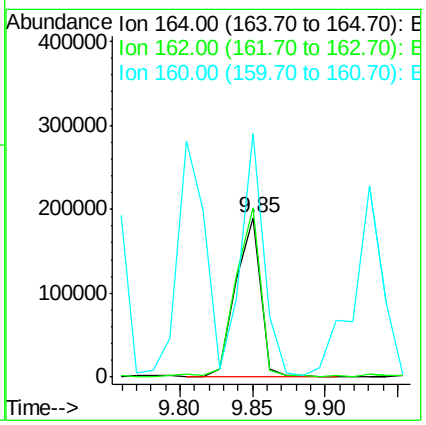


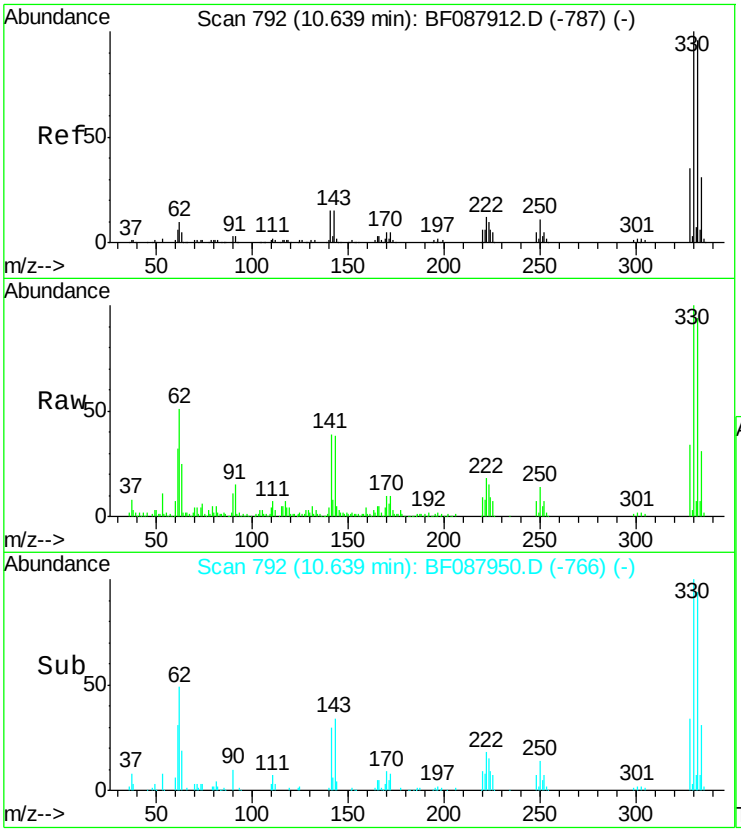


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:164 Resp: 224313

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.4	128.2
160	153.0	39.5	59.3#



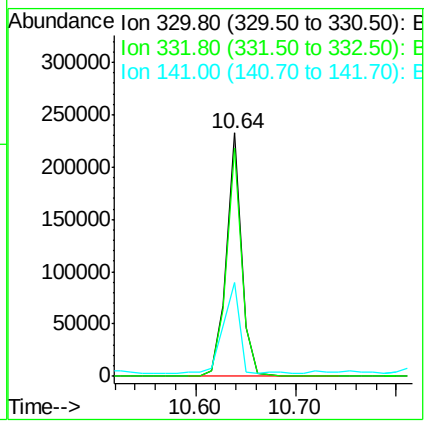


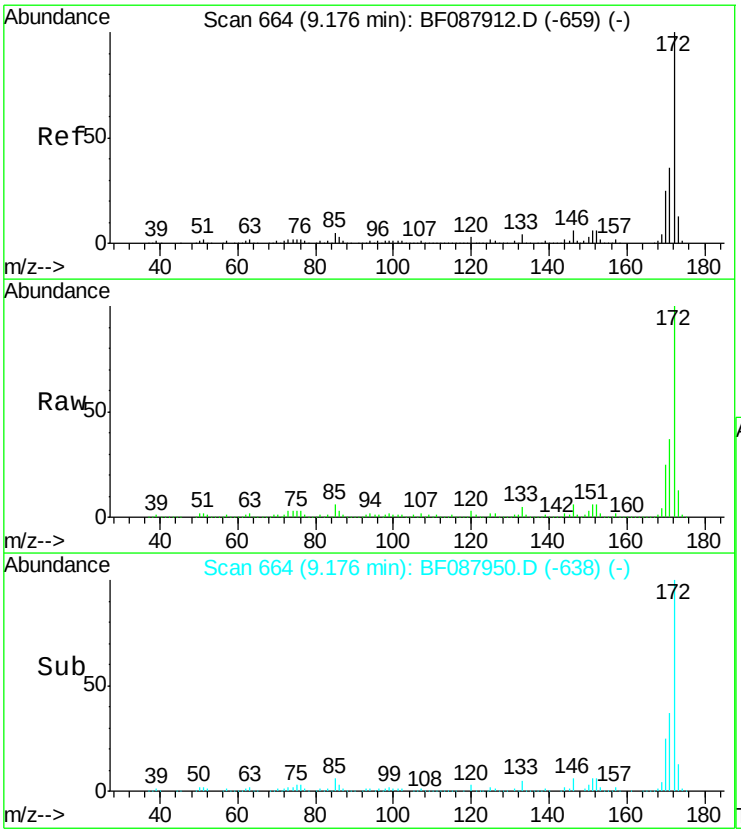
#41
2,4,6-Tribromophenol
Concen: 103.92 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion:330 Resp: 246123

Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	39.8	0.0	0.0#

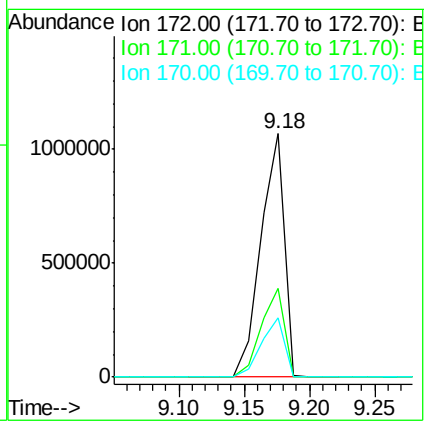


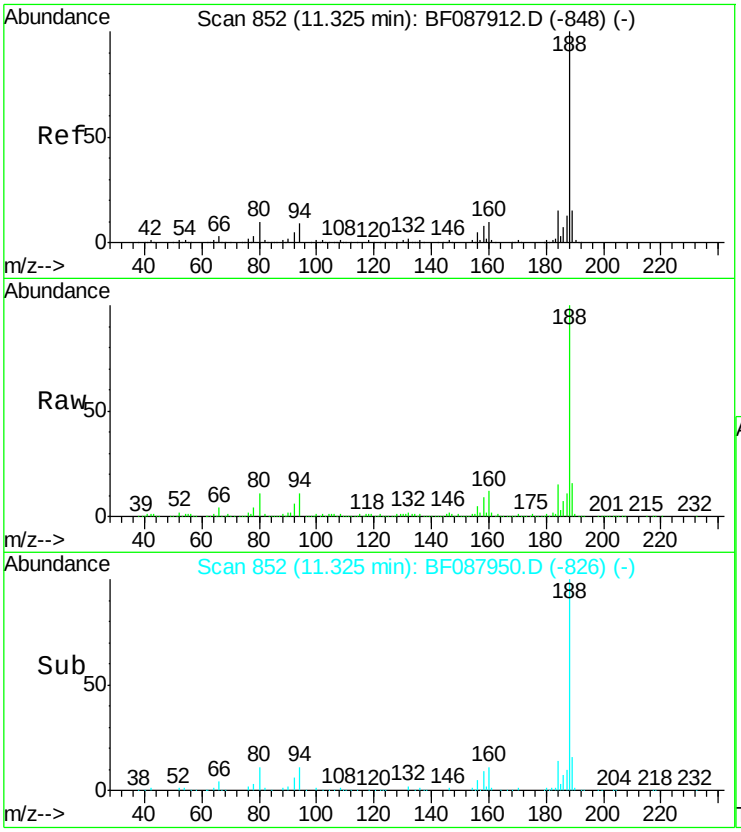


#44
2-Fluorobiphenyl
Concen: 95.01 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:172 Resp: 1347341

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.5	19.2	28.8



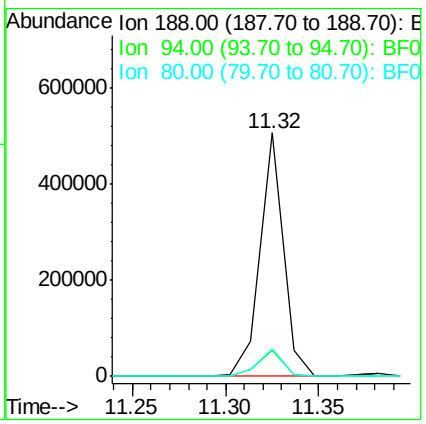


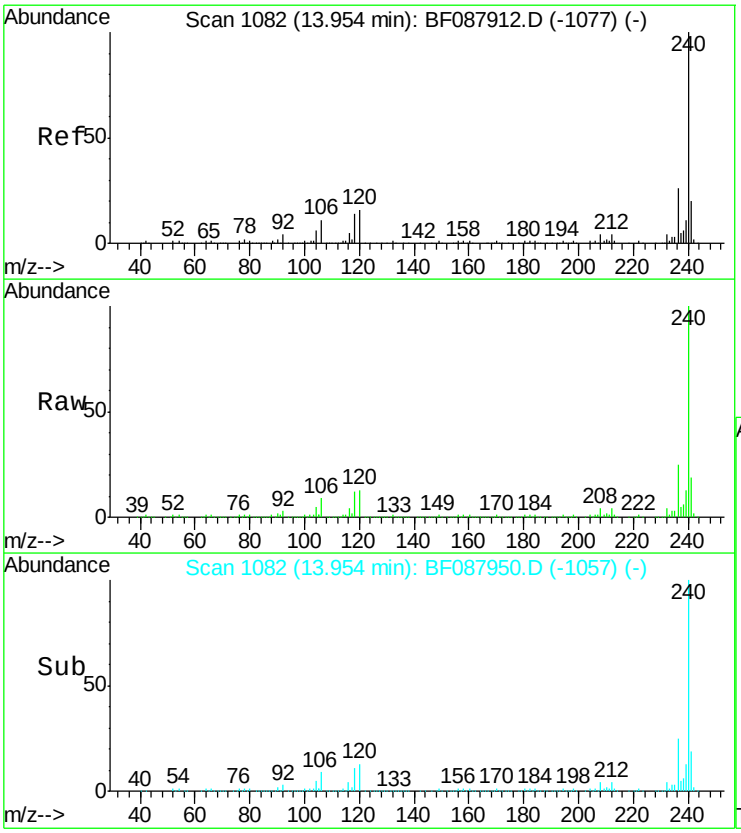
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion:188 Resp: 435160

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.6
80	11.3	10.0	15.0

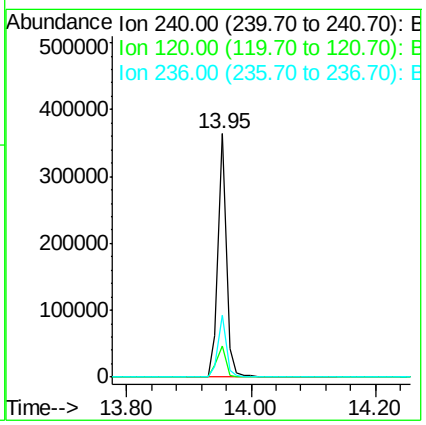


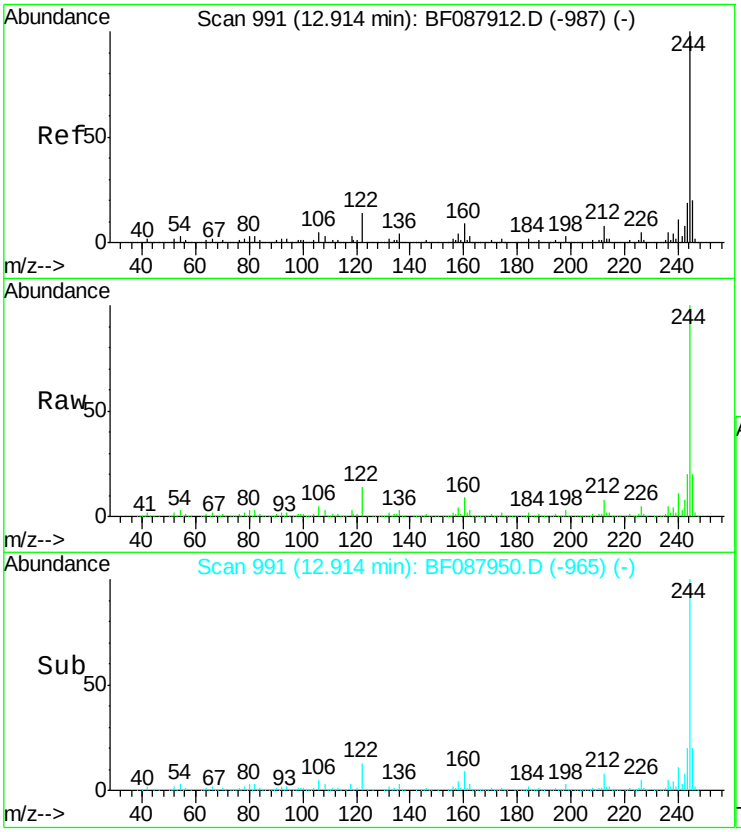


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:240 Resp: 334634

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.8	10.2#
236	25.5	20.2	30.2



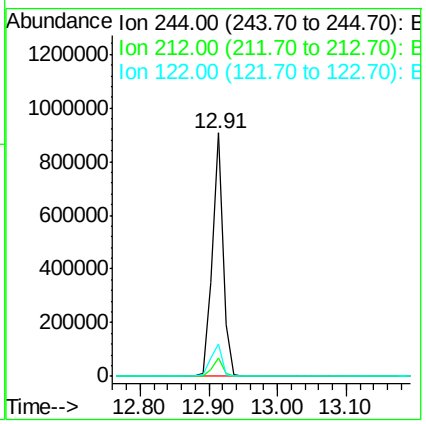


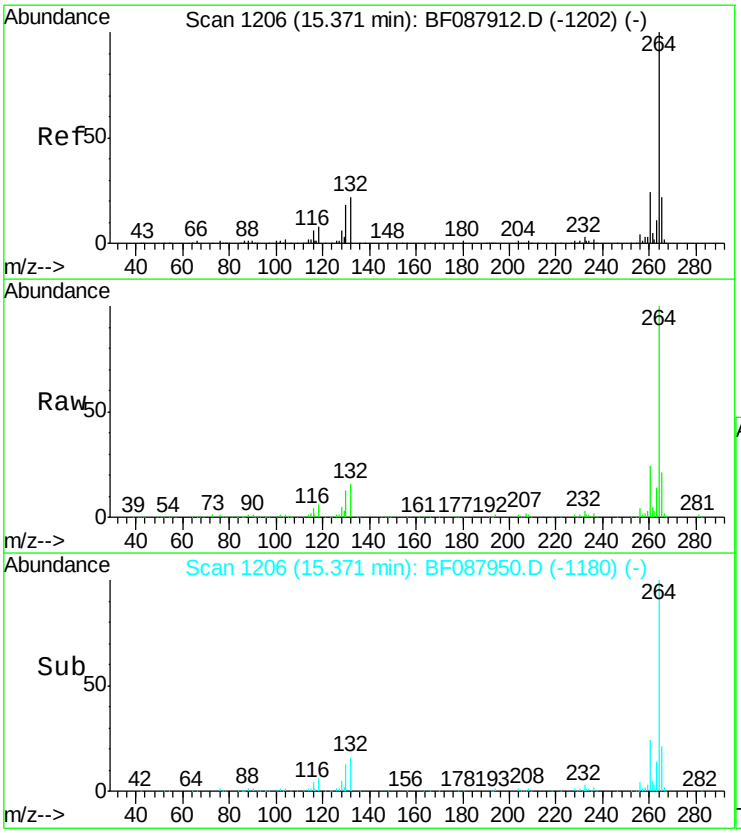
#78
Terphenyl-d14
Concen: 68.84 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion:244 Resp: 1012273

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.5	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:264 Resp: 263798

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3