Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090230.D
Acq On : 26 Sep 2016 19:18
Operator : UM/SJ
Sample : H4946-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-092216

Quant Time: Sep 27 01:29:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	147338	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	571101	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	343122	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	511928	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	456210	20.00	ng	-0.01
86) Perylene-d12	14.90	264	333785	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	401075	44.37	ng	0.00
7) Phenol-d6	6.12	99	347909	31.17	ng	-0.01
23) Nitrobenzene-d5	7.05	82	747787	75.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	342858	116.47	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1232445	70.51	ng	-0.01
78) Terphenyl-d14	12.56	244	1097409	61.07	ng	0.00
Target Compounds						Qvalue

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

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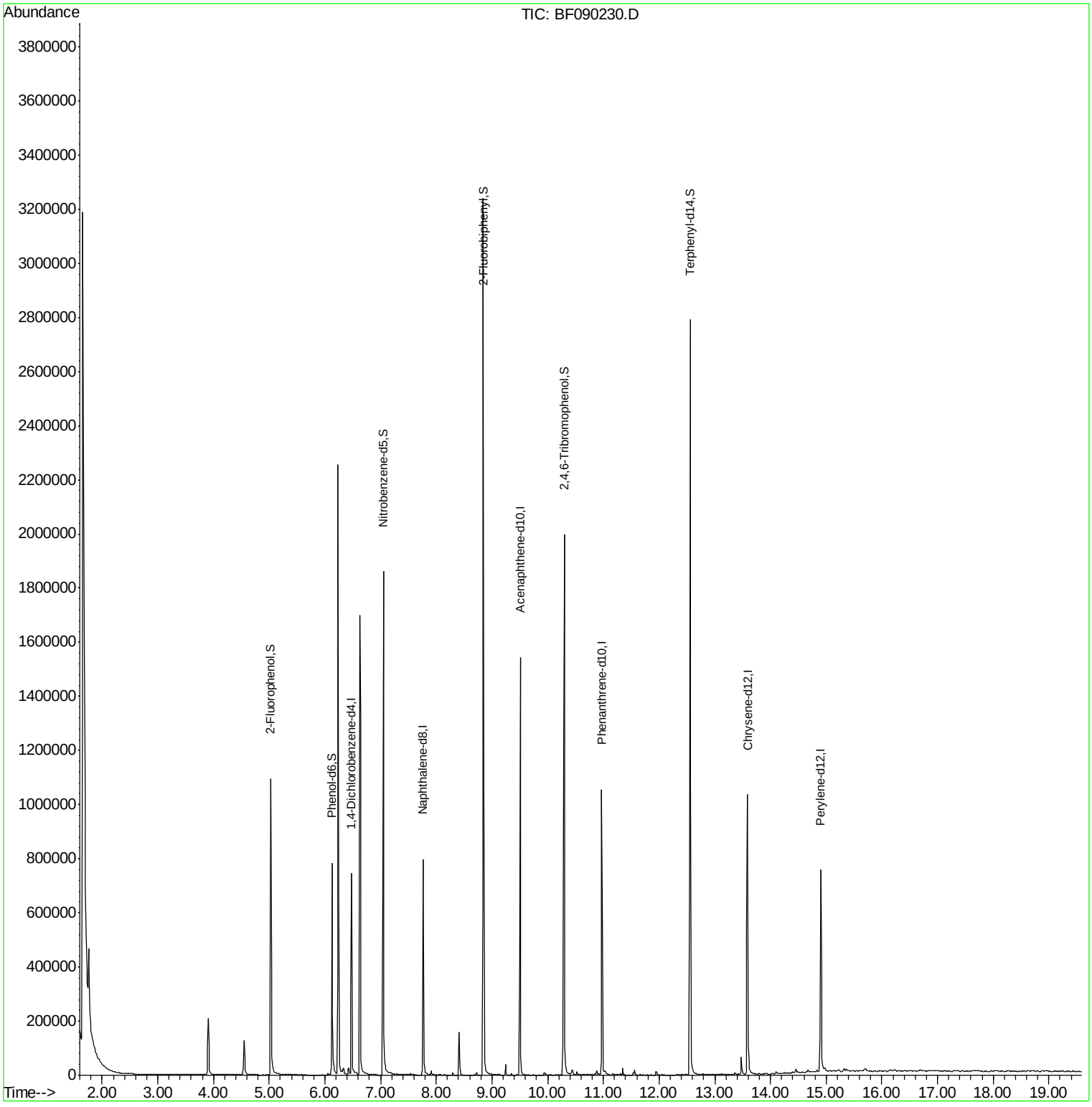
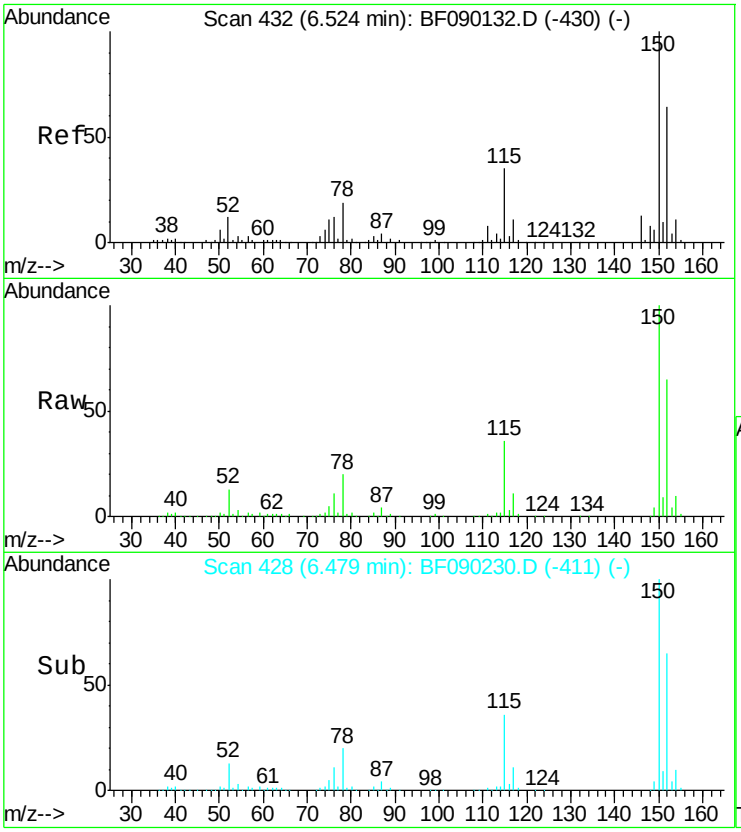


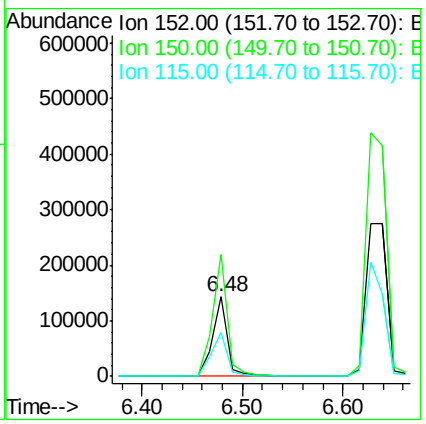


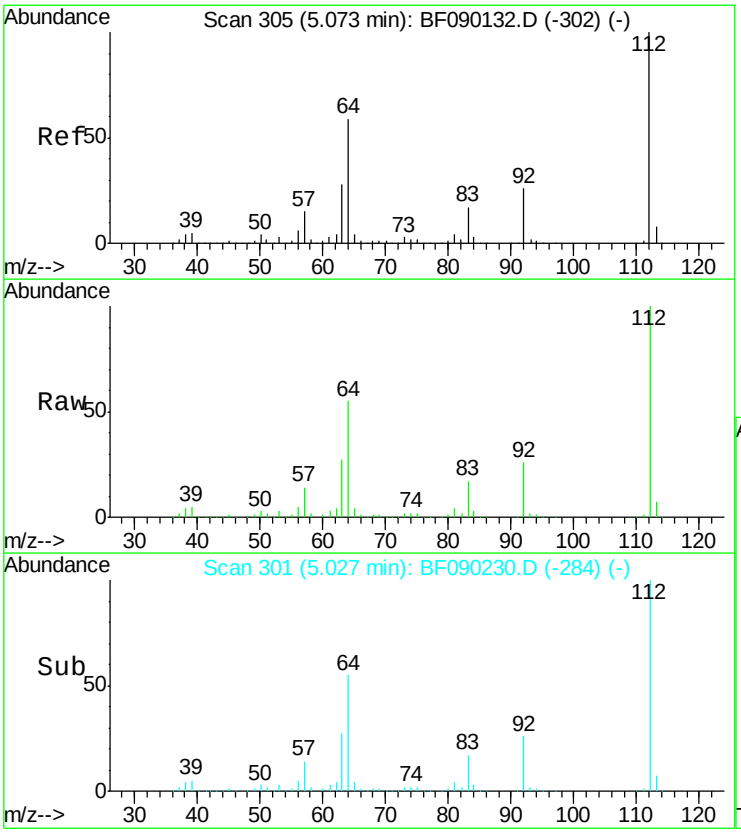
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Instrument :
BNA_F
ClientSampleId :
DUP-092216

Tgt Ion:152 Resp: 147338

Ion	Ratio	Lower	Upper
152	100		
150	153.8	128.9	193.3
115	54.9	55.5	83.3#

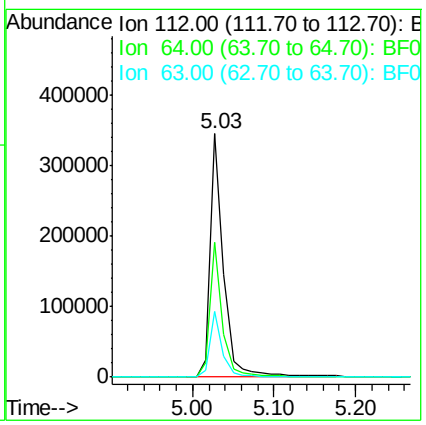


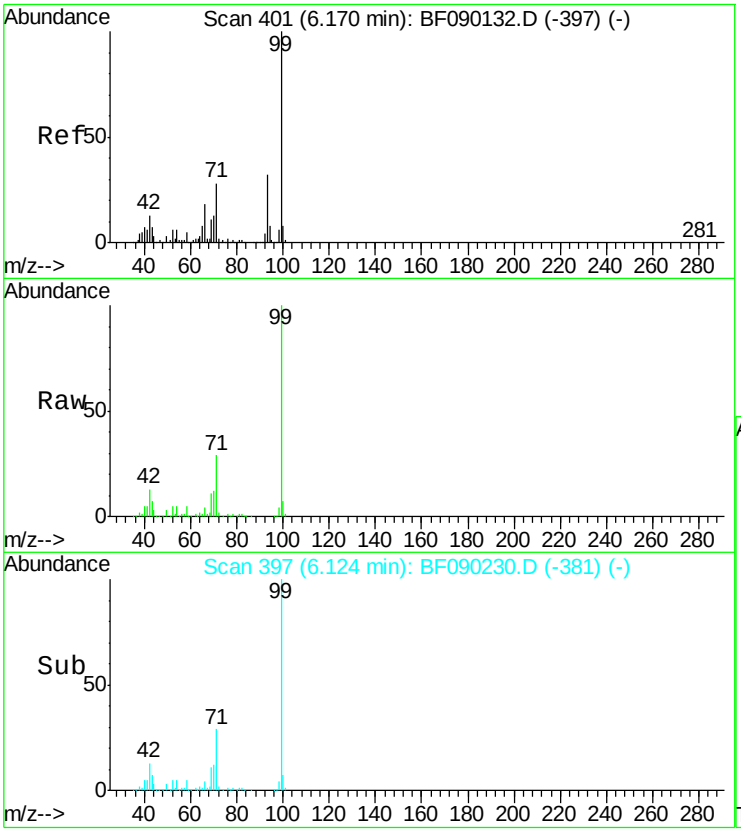


#5
2-Fluorophenol
Concen: 44.37 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Tgt Ion:112 Resp: 401075

Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.8	59.6
63	26.8	18.9	28.3



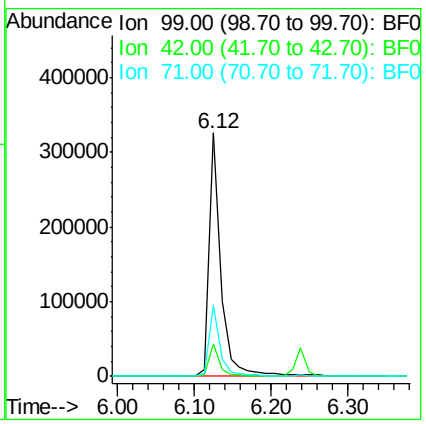


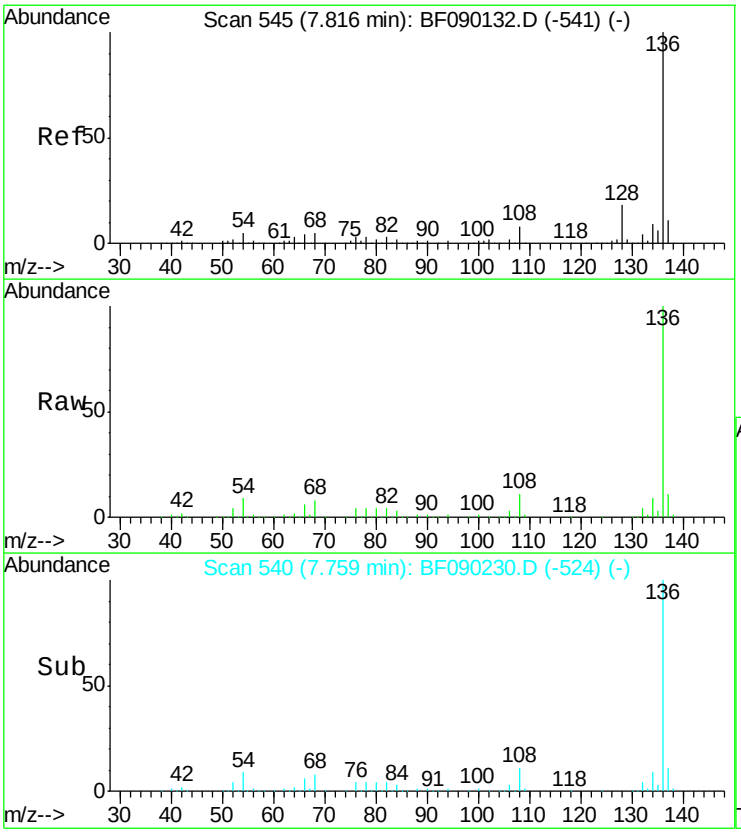
#7
Phenol-d6
Concen: 31.17 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Instrument :
BNA_F
ClientSampleId :
DUP-092216

Tgt Ion: 99 Resp: 347909

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	15.8
71	28.9	23.0	34.6

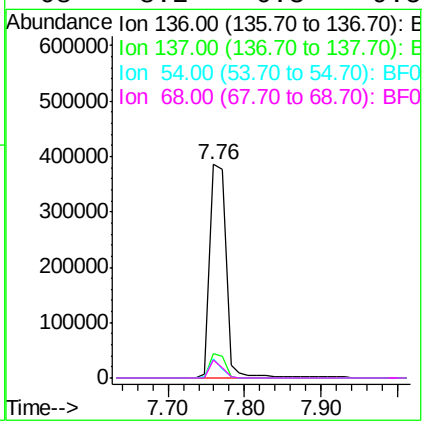


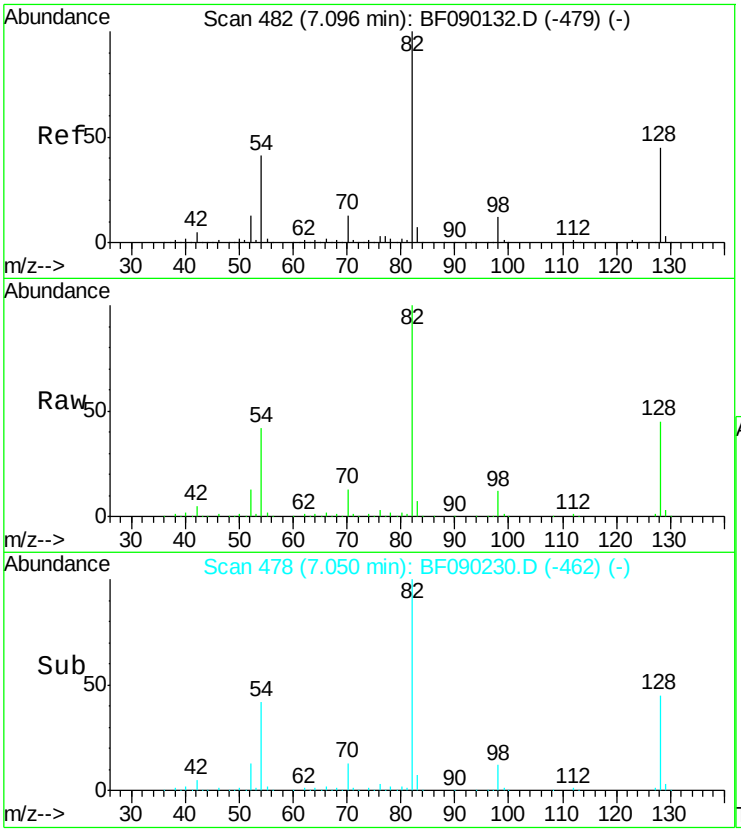


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Tgt Ion:136 Resp: 571101

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.0	6.4	9.6
68	8.2	6.3	9.5



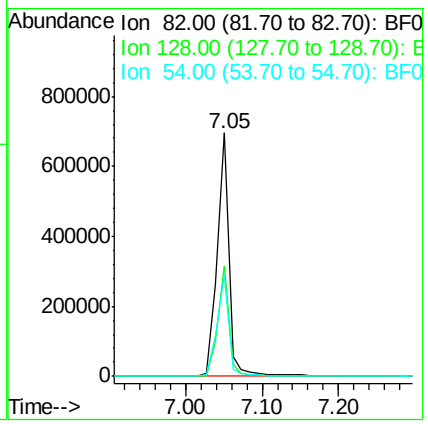


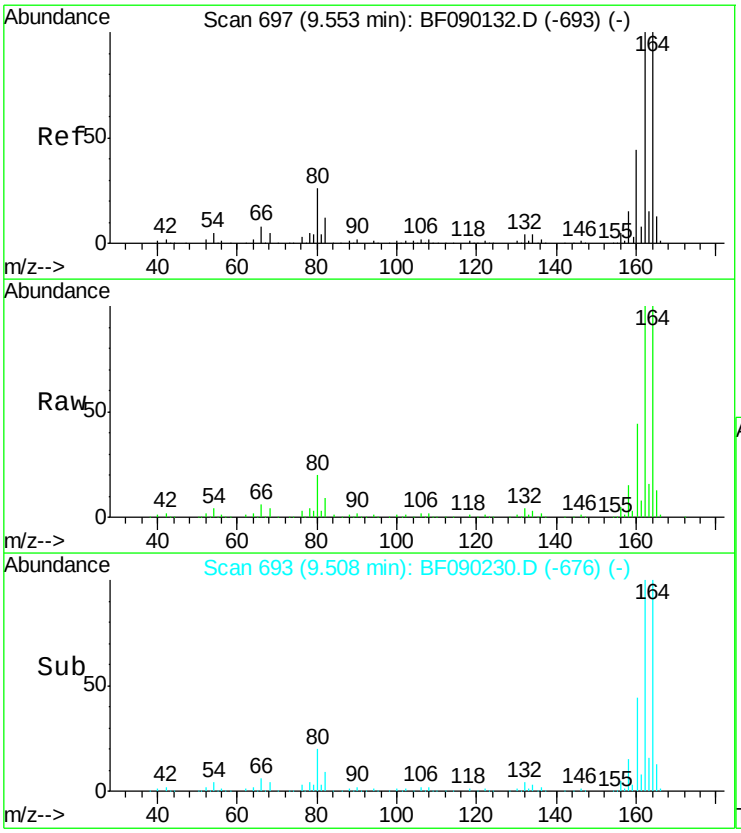
#23
Nitrobenzene-d5
Concen: 75.90 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Instrument :
BNA_F
ClientSampleId :
DUP-092216

Tgt Ion: 82 Resp: 747787

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.5	56.3
54	41.7	31.9	47.9

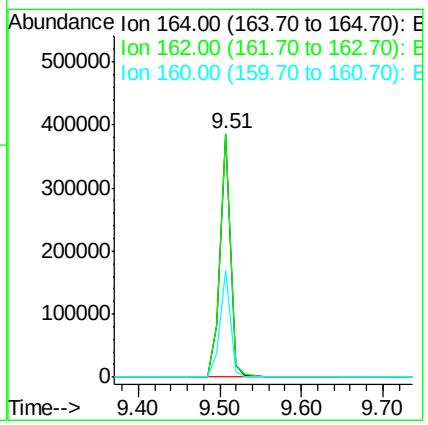


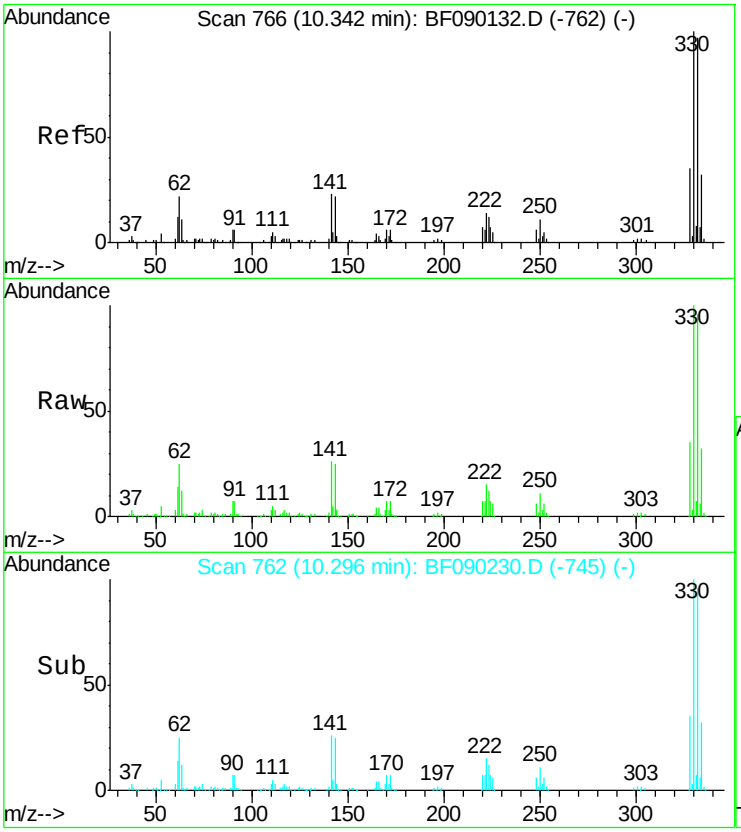


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Tgt Ion:164 Resp: 343122

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.2
160	44.0	36.6	54.8



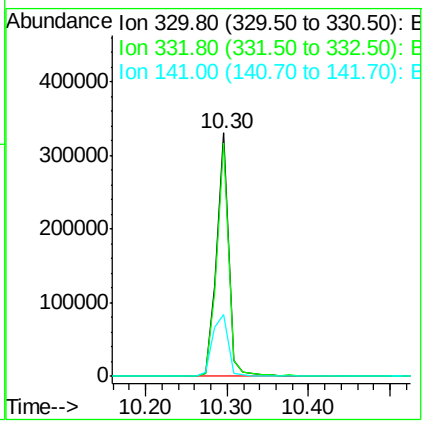


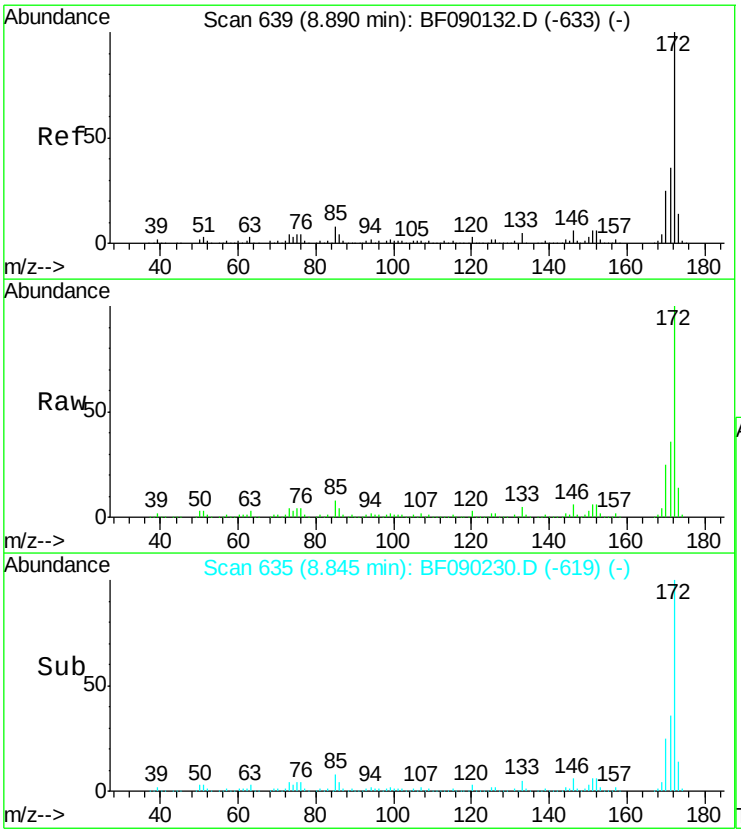
#41
2,4,6-Tribromophenol
Concen: 116.47 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Instrument :
BNA_F
ClientSampleId :
DUP-092216

Tgt Ion:330 Resp: 342858

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	33.5	23.9	35.9

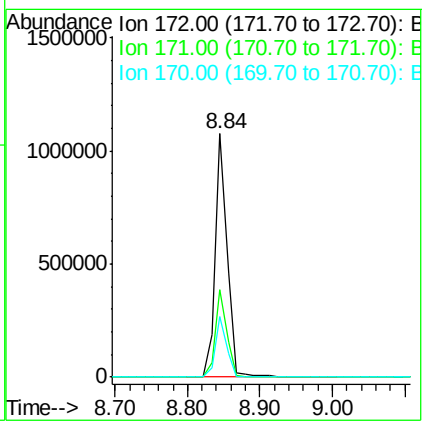


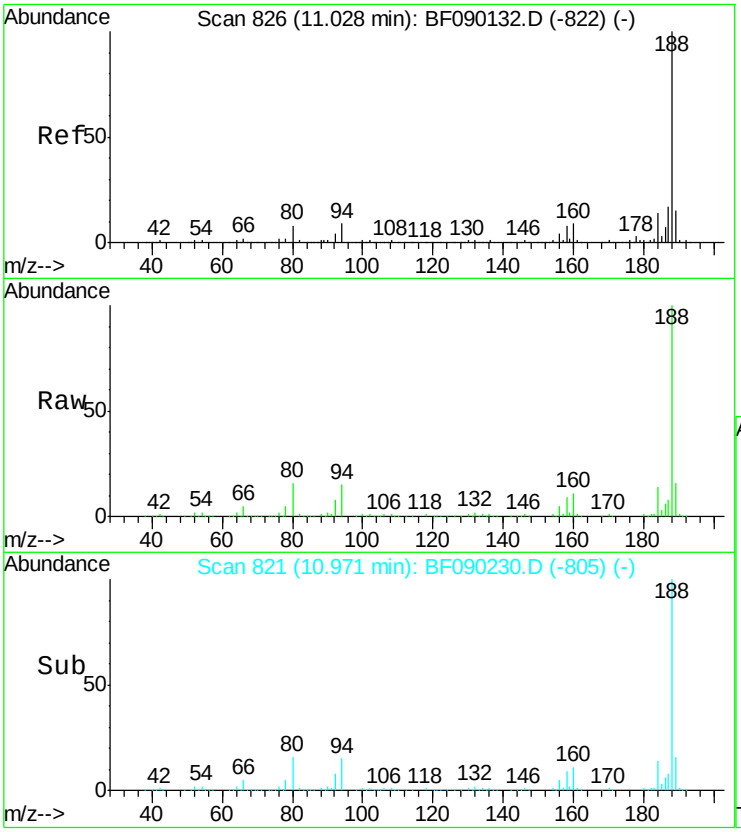


#44
2-Fluorobiphenyl
Concen: 70.51 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Tgt Ion:172 Resp: 1232445

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.7	19.8	29.8



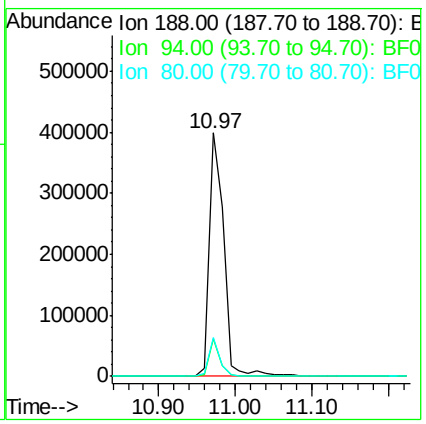


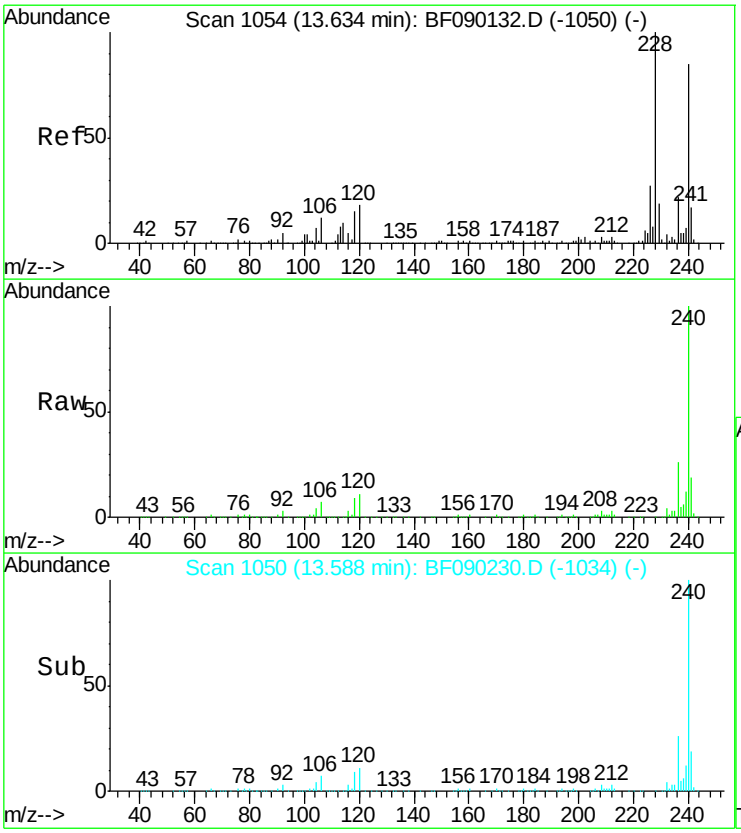
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Instrument :
BNA_F
ClientSampleId :
DUP-092216

Tgt Ion:188 Resp: 511928

Ion	Ratio	Lower	Upper
188	100		
94	15.5	10.5	15.7
80	16.0	11.2	16.8

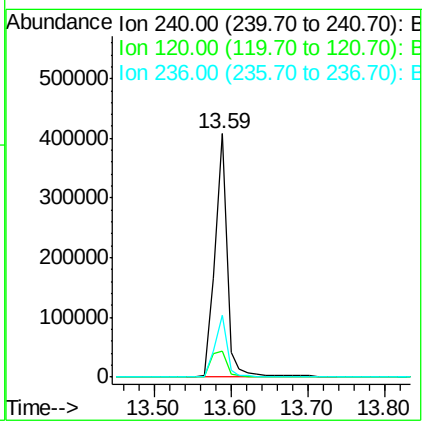


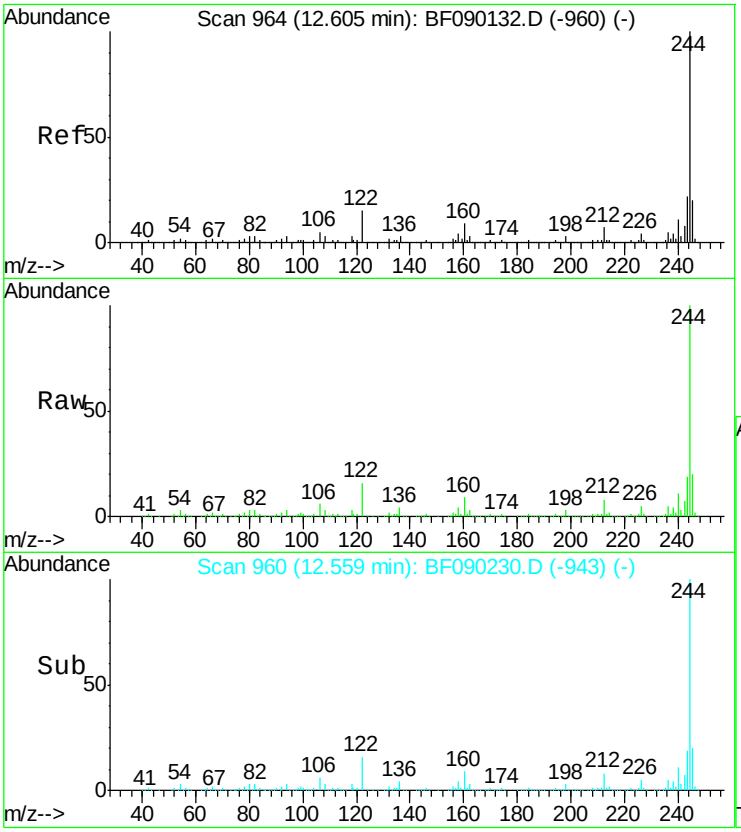


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Tgt Ion:240 Resp: 456210

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	16.0
236	25.7	21.6	32.4



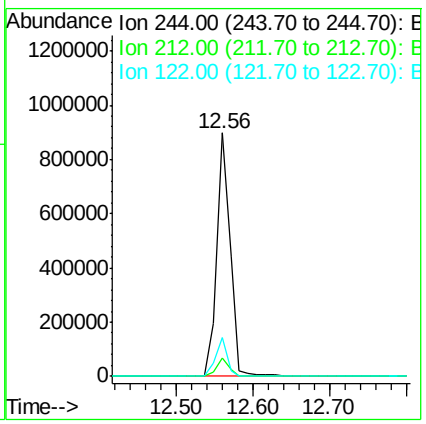


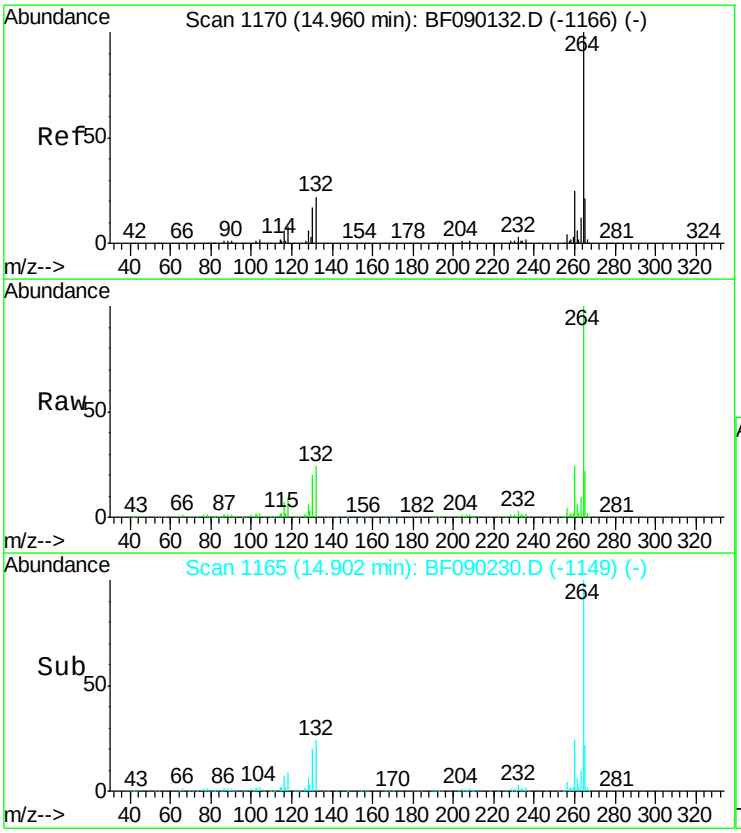
#78
Terphenyl-d14
Concen: 61.07 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Instrument :
BNA_F
ClientSampleId :
DUP-092216

Tgt Ion:244 Resp: 1097409

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	16.0	9.4	14.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090230.D
Acq: 26 Sep 2016 19:18

Tgt Ion:264 Resp: 333785

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.8	17.0	25.4