Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084001.D
Acq On : 22 Dec 2015 21:15
Operator : UM/SJ
Sample : PB87482BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87482BL

Quant Time: Dec 23 02:20:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	58332	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	274044	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	98905	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	200146	20.00	ng	0.00
75) Chrysene-d12	13.99	240	213318	20.00	ng	-0.01
86) Perylene-d12	15.41	264	202584	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	422249	123.42	ng	0.01
7) Phenol-d6	6.48	99	552666	137.39	ng	0.00
23) Nitrobenzene-d5	7.39	82	364479	81.70	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	147558	155.11	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	742703	101.06	ng	0.00
78) Terphenyl-d14	12.93	244	674208	75.37	ng	0.00
Target Compounds						Qvalue

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

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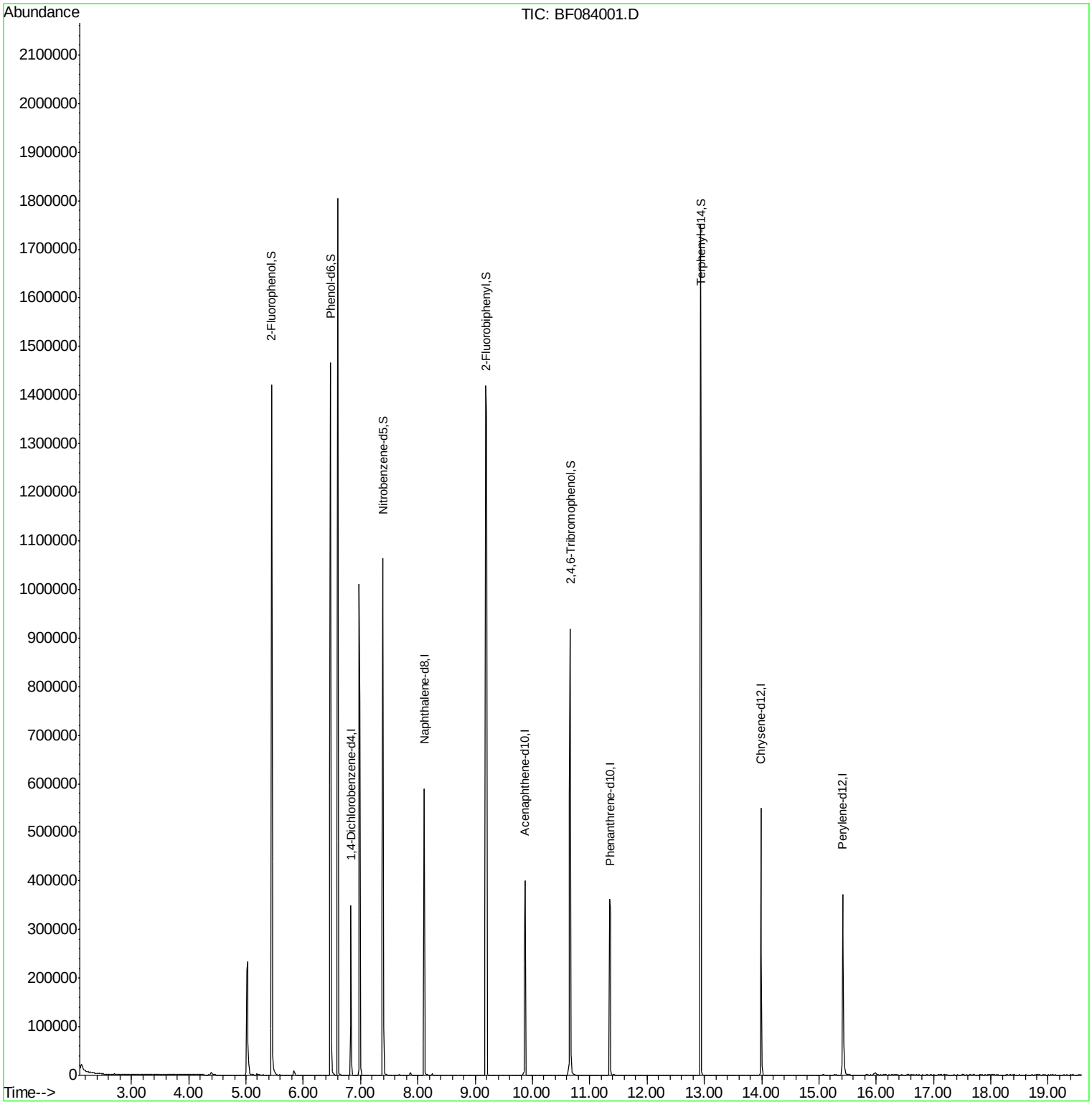
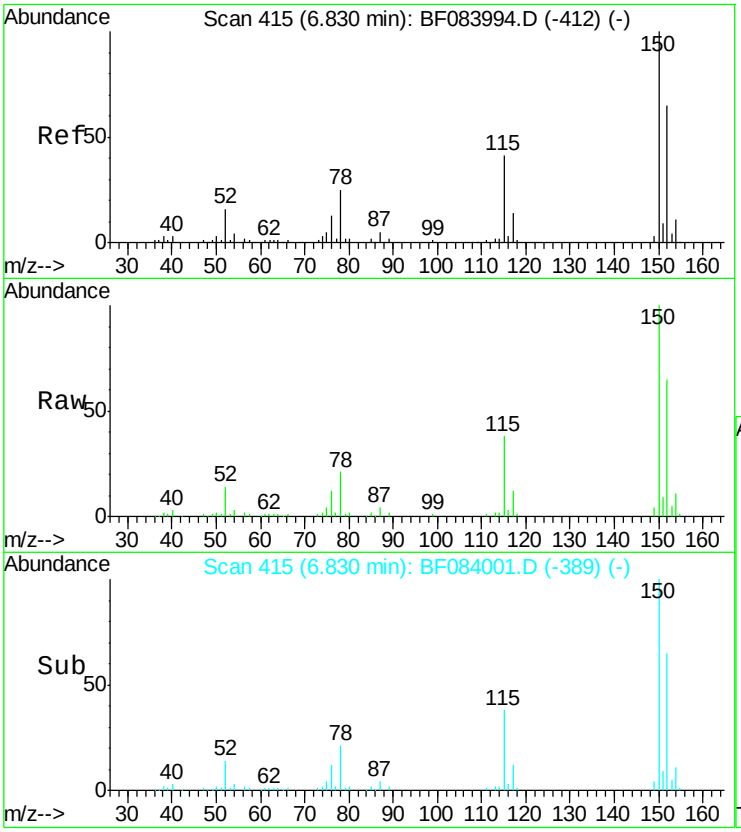


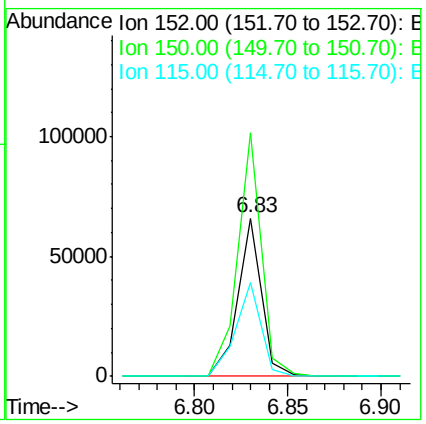


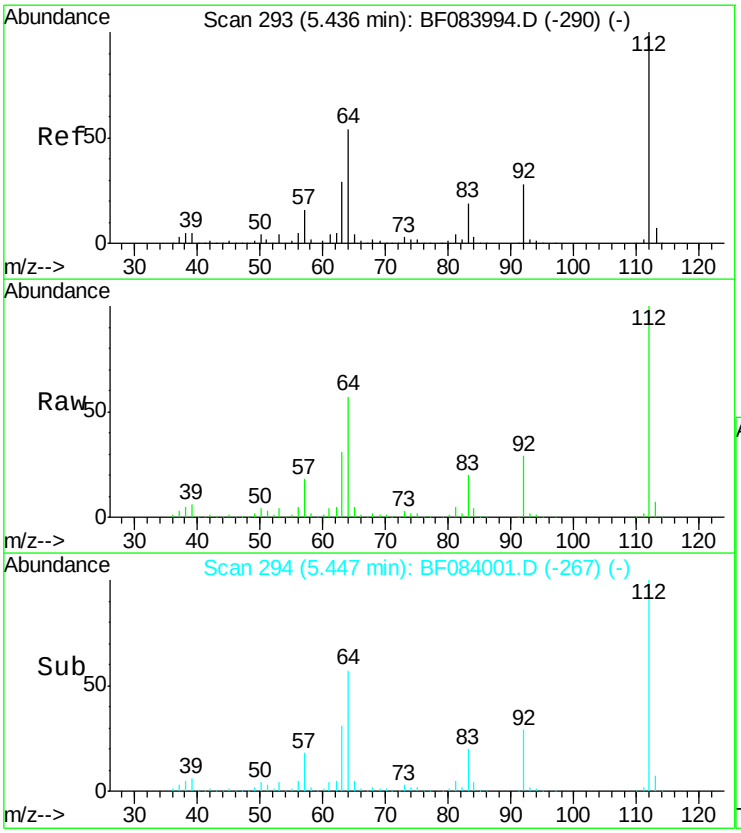
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion:152 Resp: 58332

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	58.9	51.4	77.2

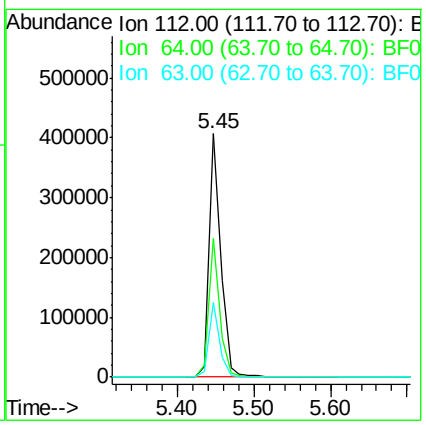


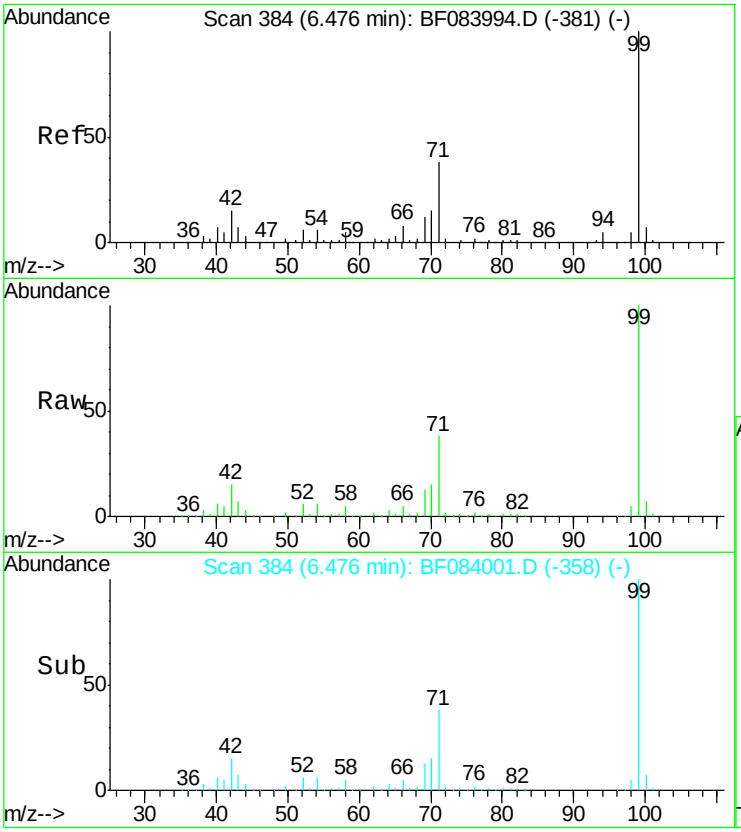


#5
2-Fluorophenol
Concen: 123.42 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion:112 Resp: 422249

Ion	Ratio	Lower	Upper
112	100		
64	57.2	36.6	55.0#
63	30.8	19.4	29.0#



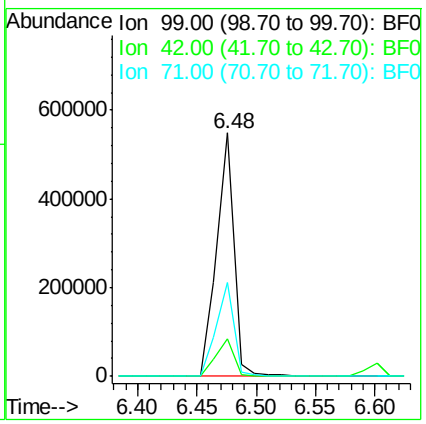


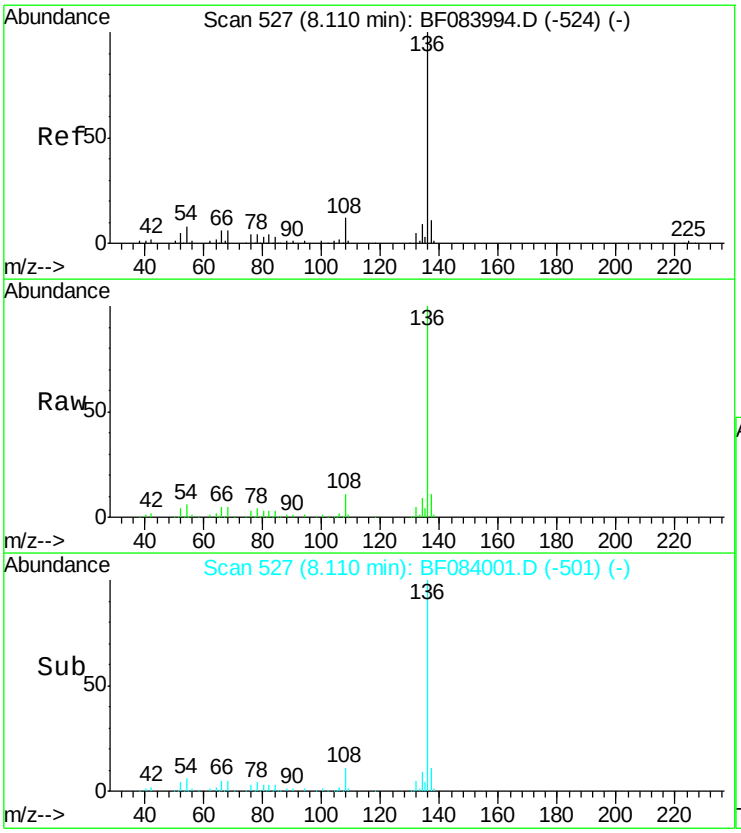
#7
Phenol-d6
Concen: 137.39 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion: 99 Resp: 552666

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	38.5	30.9	46.3

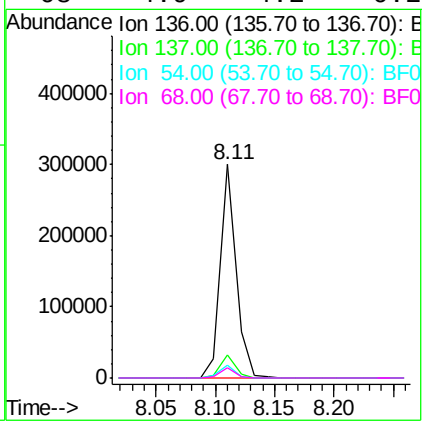


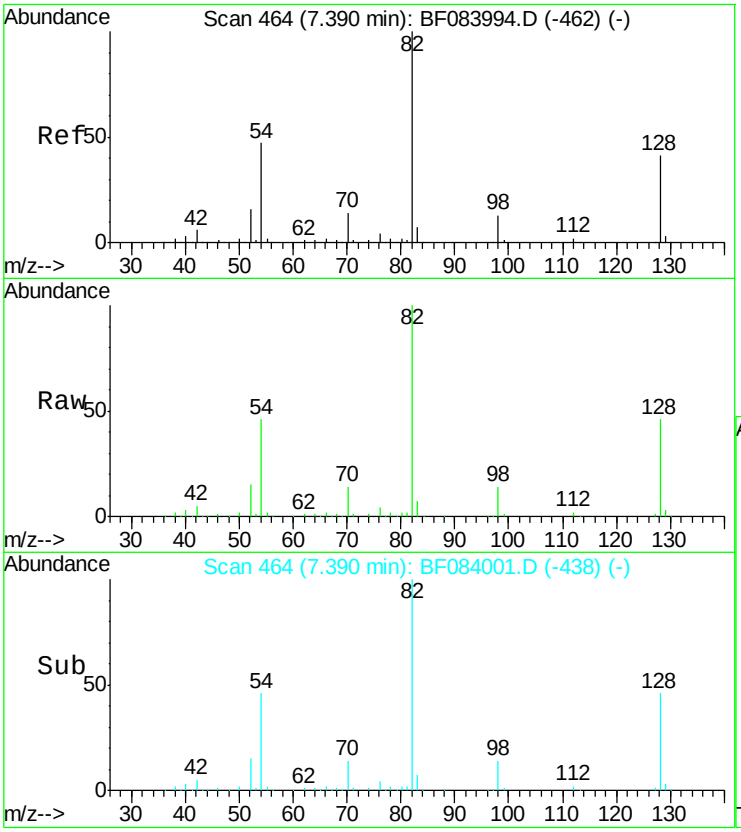


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion:136 Resp: 274044

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.2	5.8	8.8
68	4.9	4.2	6.2



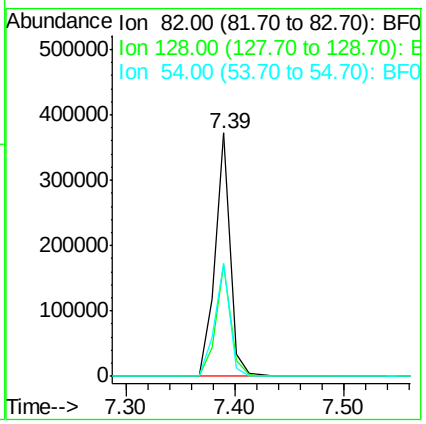


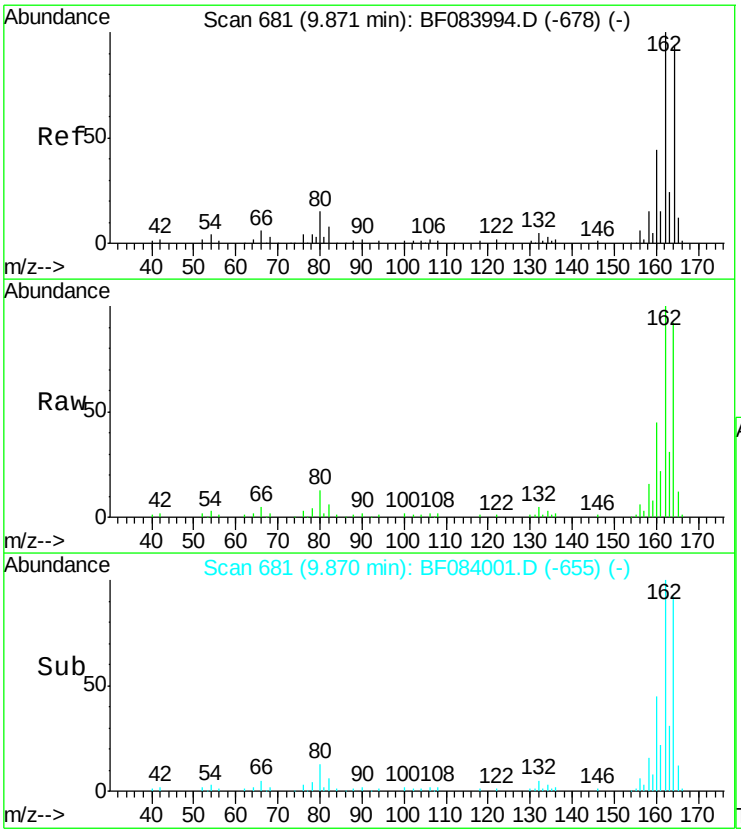
#23
Nitrobenzene-d5
Concen: 81.70 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion: 82 Resp: 364479

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	46.5	38.4	57.6

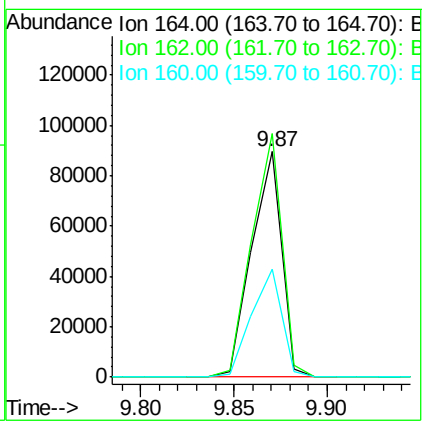


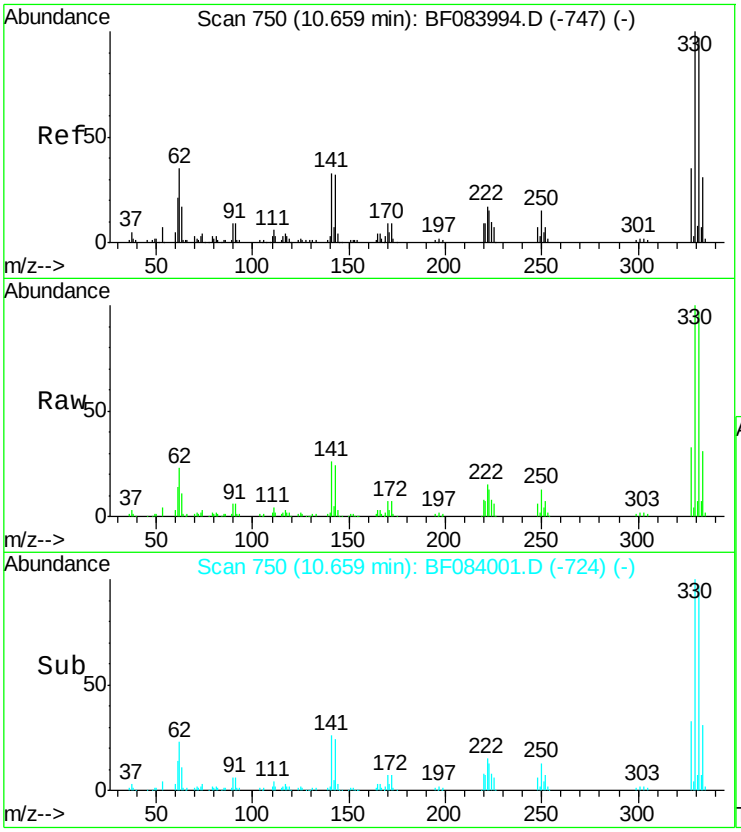


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion:164 Resp: 98905

Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.1	127.7
160	48.1	37.5	56.3



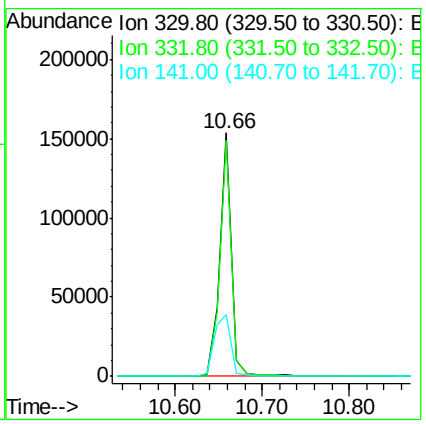


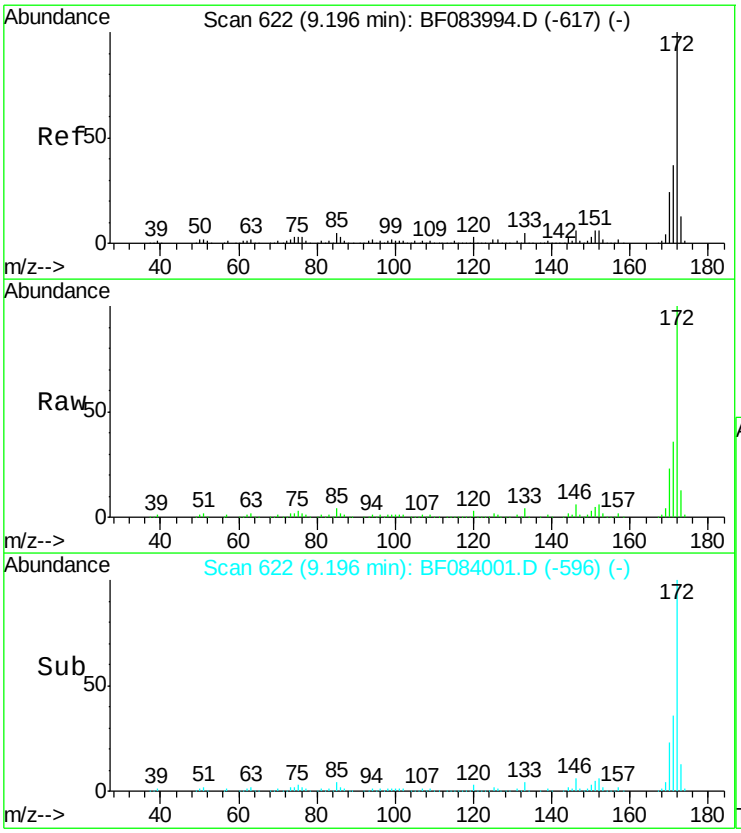
#41
2,4,6-Tribromophenol
Concen: 155.11 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion:330 Resp: 147558

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.9	27.8	41.6

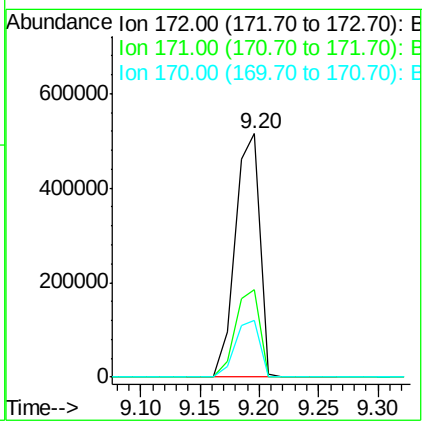


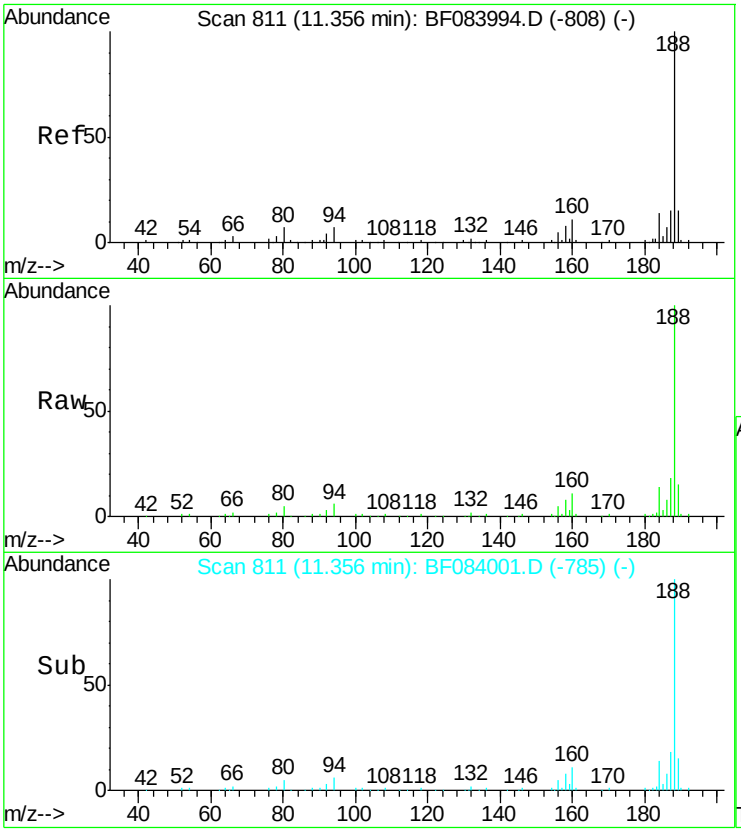


#44
2-Fluorobiphenyl
Concen: 101.06 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion:172 Resp: 742703

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.3	18.6	27.8



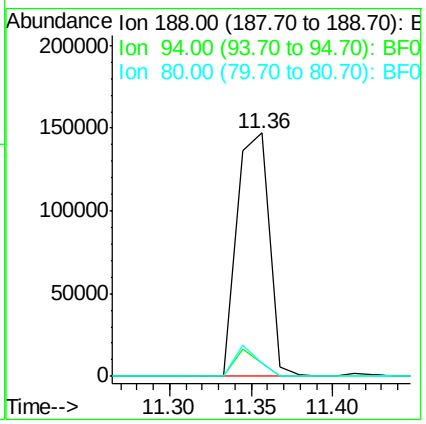


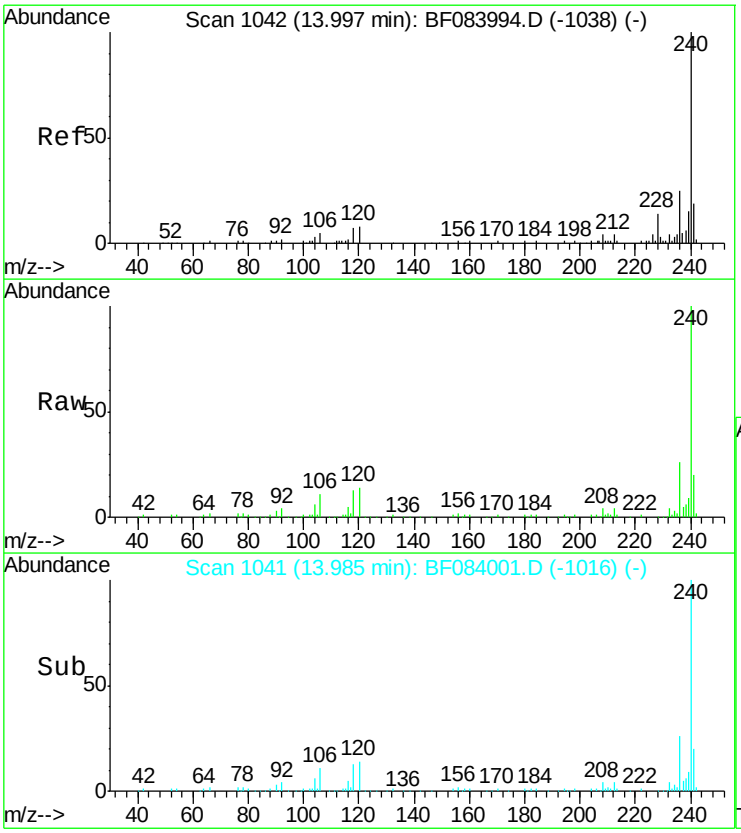
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion:188 Resp: 200146

Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.0	13.4#
80	5.4	9.6	14.4#

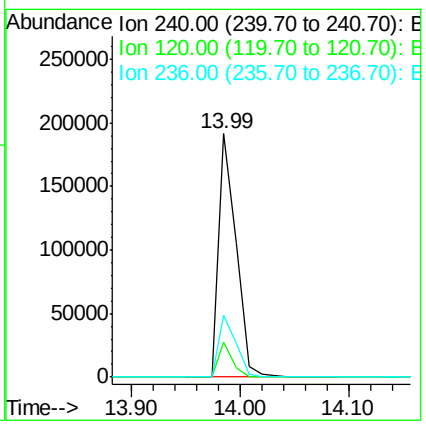


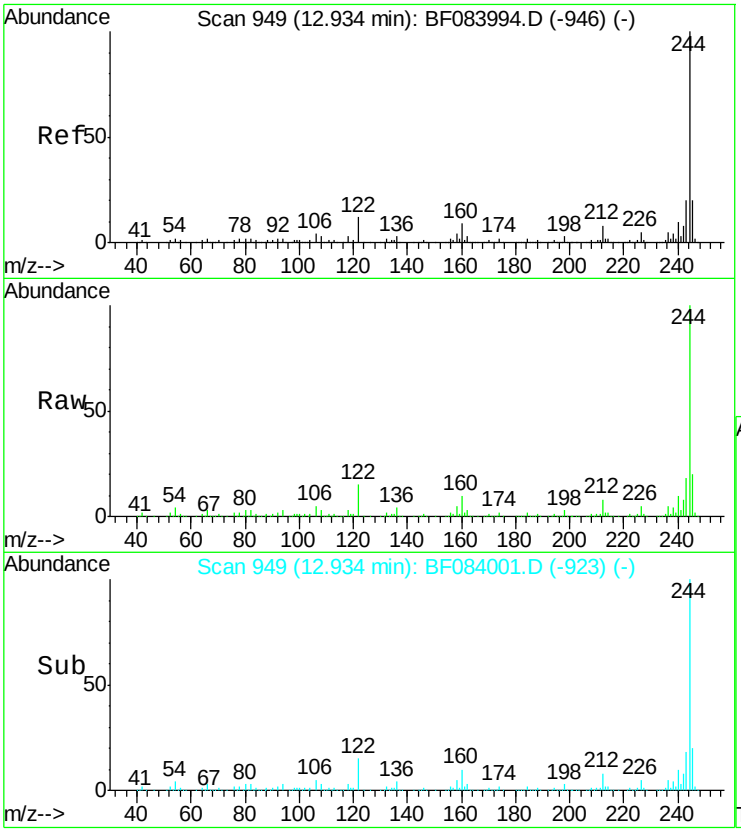


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion:240 Resp: 213318

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.5	20.6	31.0



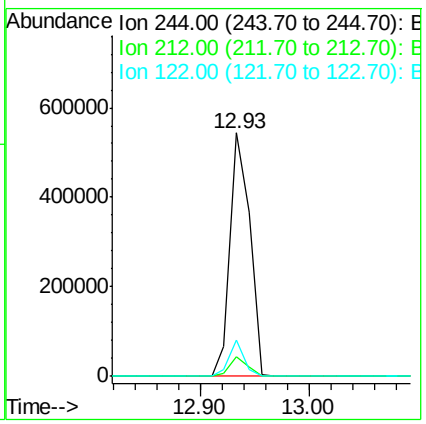


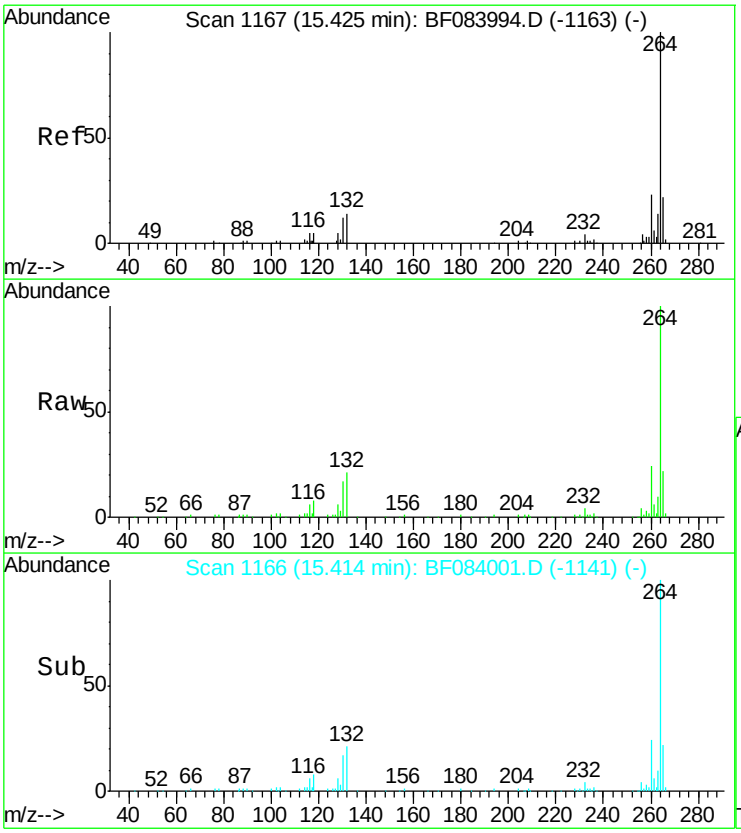
#78
Terphenyl-d14
Concen: 75.37 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion:244 Resp: 674208

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion:264 Resp: 202584

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.6