Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077936.D
Acq On : 25 Mar 2015 5:03
Operator : TP/IZ
Sample : G1613-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-2

Quant Time: Mar 25 05:42:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 04:36:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42049	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	174032	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	86050	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	165860	20.00	ng	0.00
75) Chrysene-d12	15.97	240	184758	20.00	ng	-0.01
86) Perylene-d12	17.70	264	176921	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	219322	91.04	ng	0.00
7) Phenol-d6	6.69	99	270178	90.78	ng	0.00
23) Nitrobenzene-d5	7.81	82	160463	60.44	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	65715	79.82	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	365022	62.34	ng	0.00
78) Terphenyl-d14	14.69	244	420583	55.61	ng	0.00
Target Compounds						Qvalue

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

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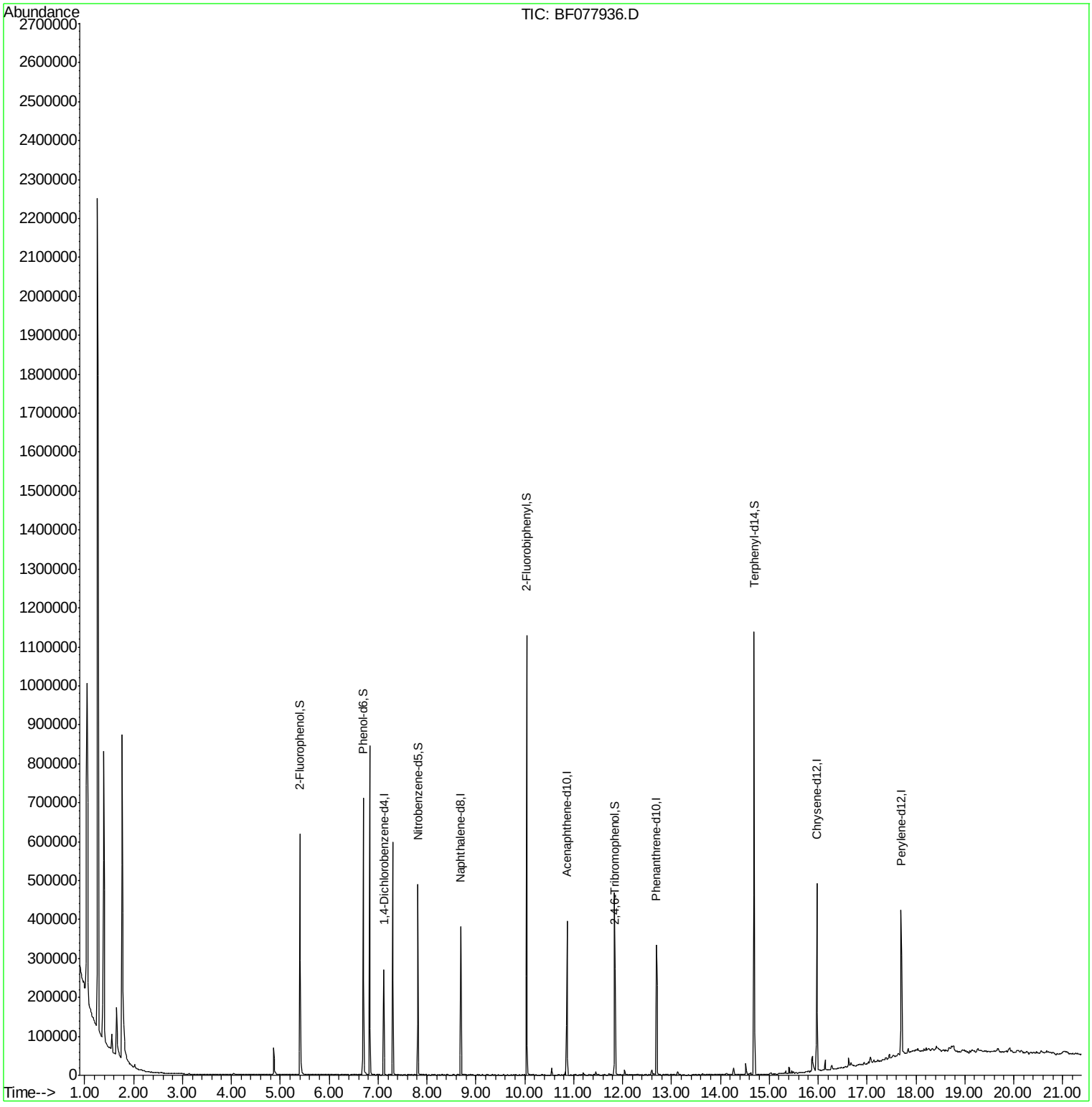
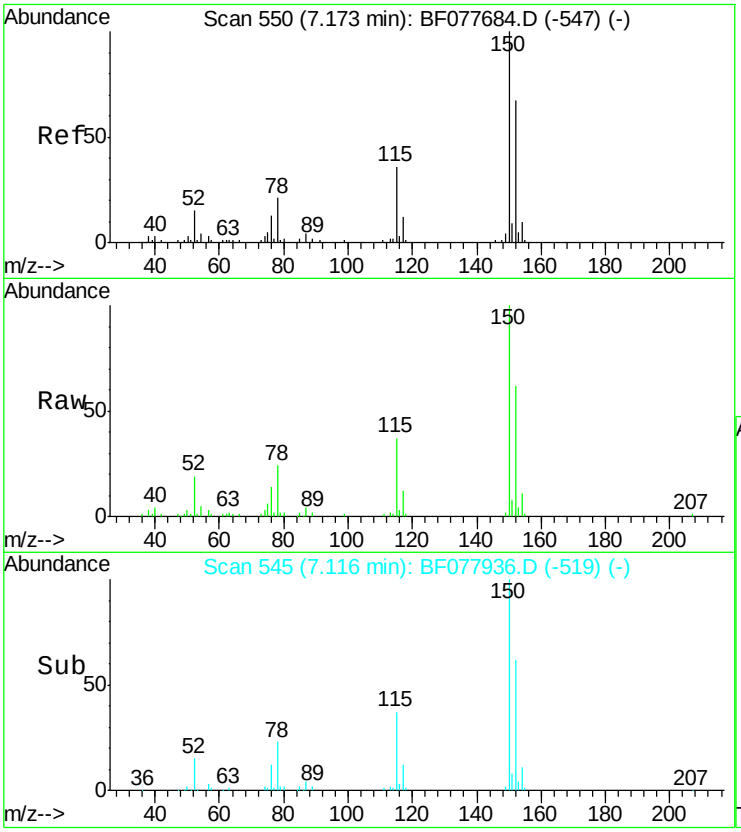


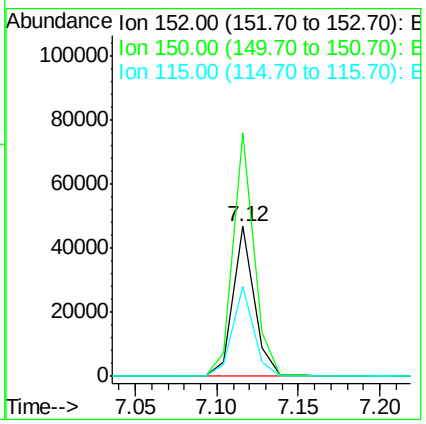


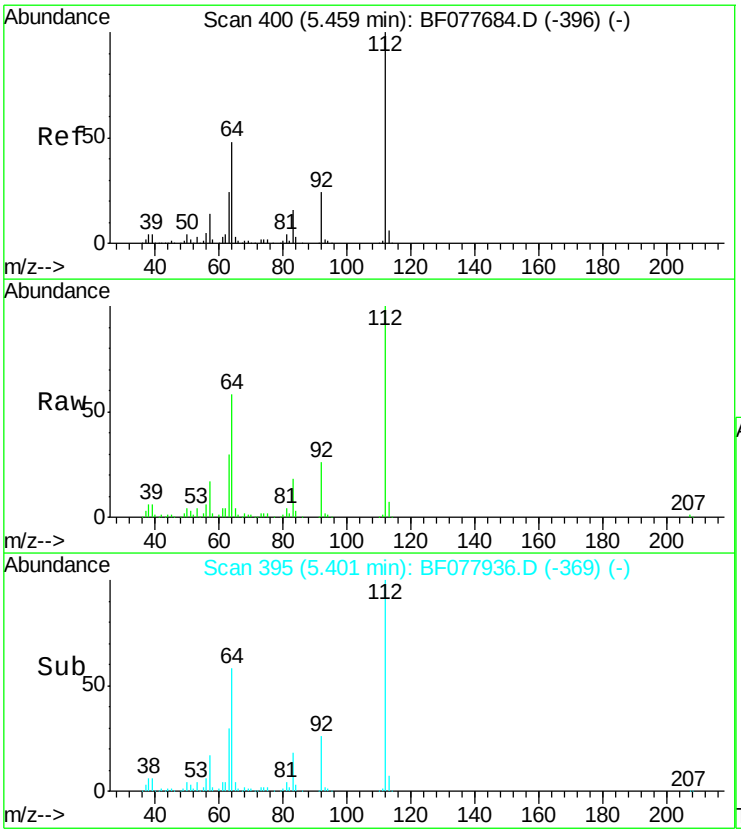
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Instrument :
BNA_F
ClientSampleId :
SB-4-2

Tgt Ion:152 Resp: 42049

Ion	Ratio	Lower	Upper
152	100		
150	162.4	119.5	179.3
115	60.1	43.0	64.4

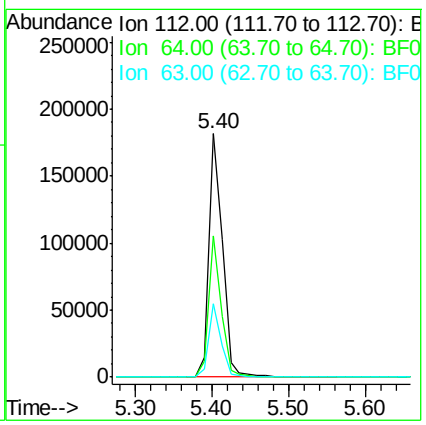


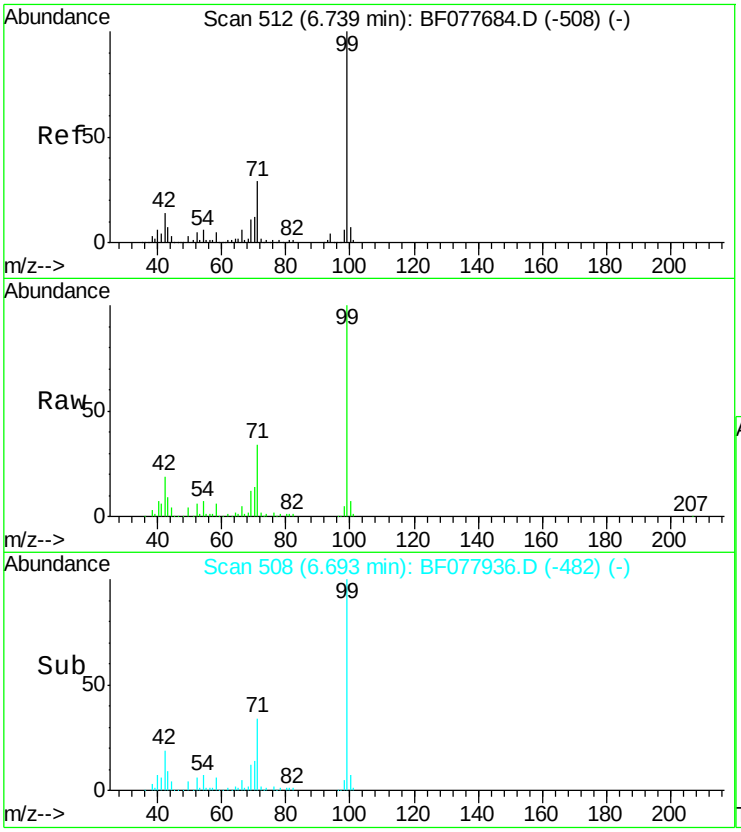


#5
2-Fluorophenol
Concen: 91.04 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Tgt Ion:112 Resp: 219322

Ion	Ratio	Lower	Upper
112	100		
64	58.2	38.6	57.8#
63	30.4	19.3	28.9#



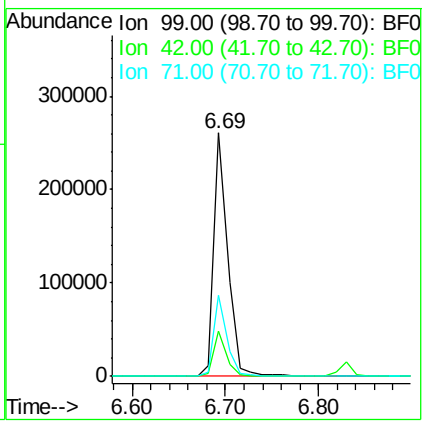


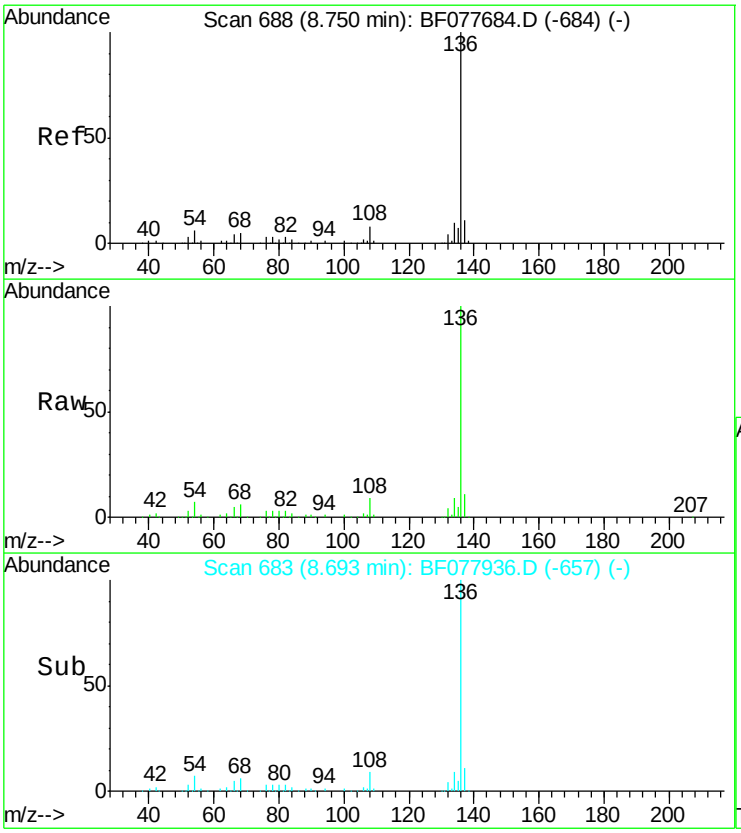
#7
Phenol-d6
Concen: 90.78 ng
RT: 6.69 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Instrument :
BNA_F
ClientSampleId :
SB-4-2

Tgt Ion: 99 Resp: 270178

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.0	16.4#
71	33.5	23.4	35.2

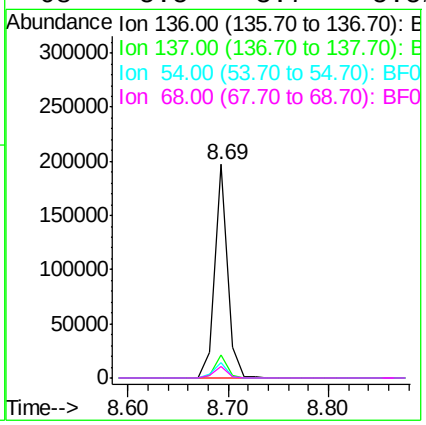


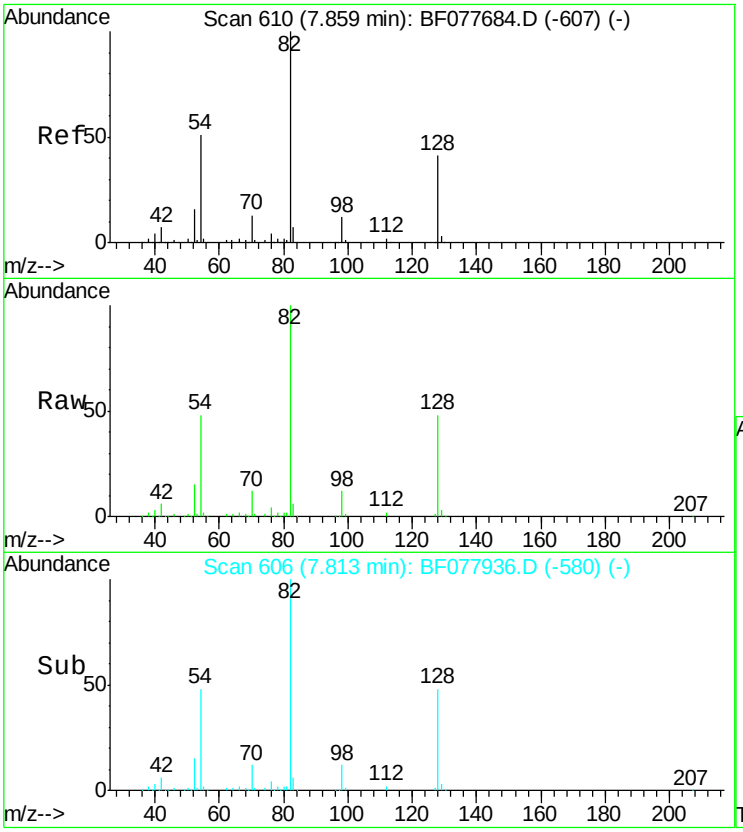


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Tgt Ion:136 Resp: 174032

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.1	4.6	6.8#
68	5.5	3.7	5.5#



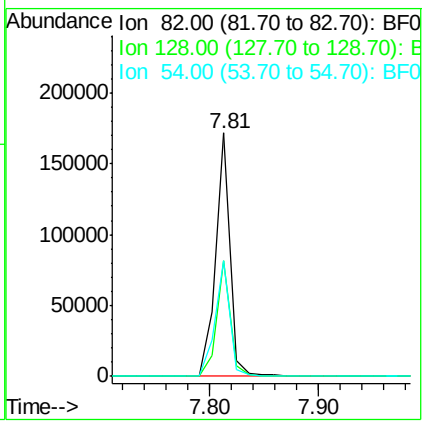


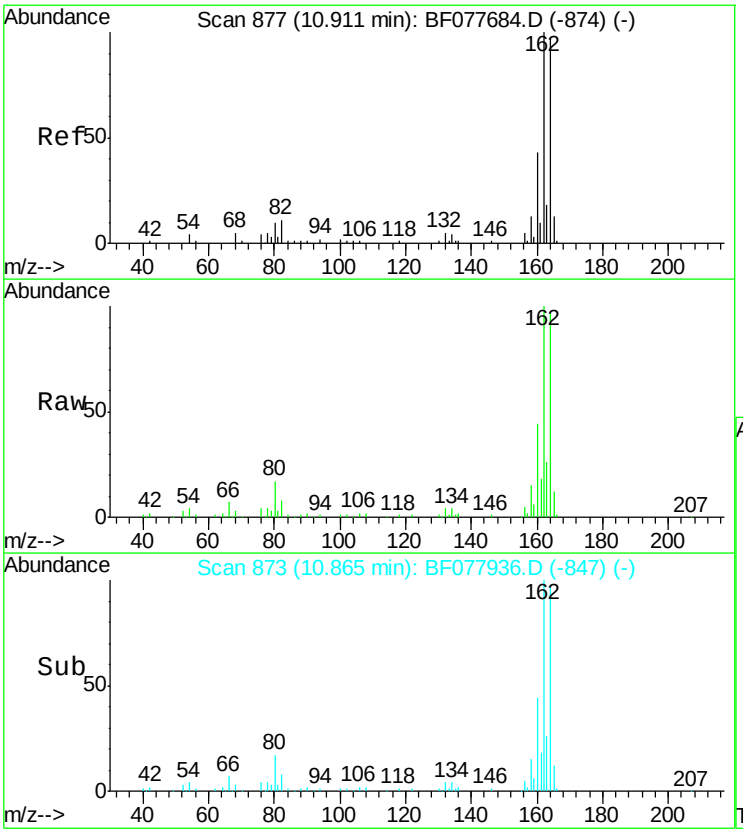
#23
Nitrobenzene-d5
Concen: 60.44 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Instrument :
BNA_F
ClientSampleId :
SB-4-2

Tgt Ion: 82 Resp: 160463

Ion	Ratio	Lower	Upper
82	100		
128	47.7	32.8	49.2
54	47.7	40.6	60.8

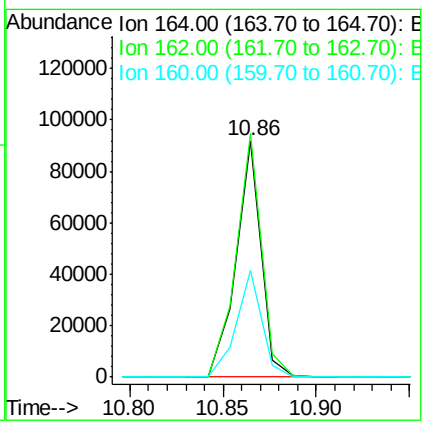


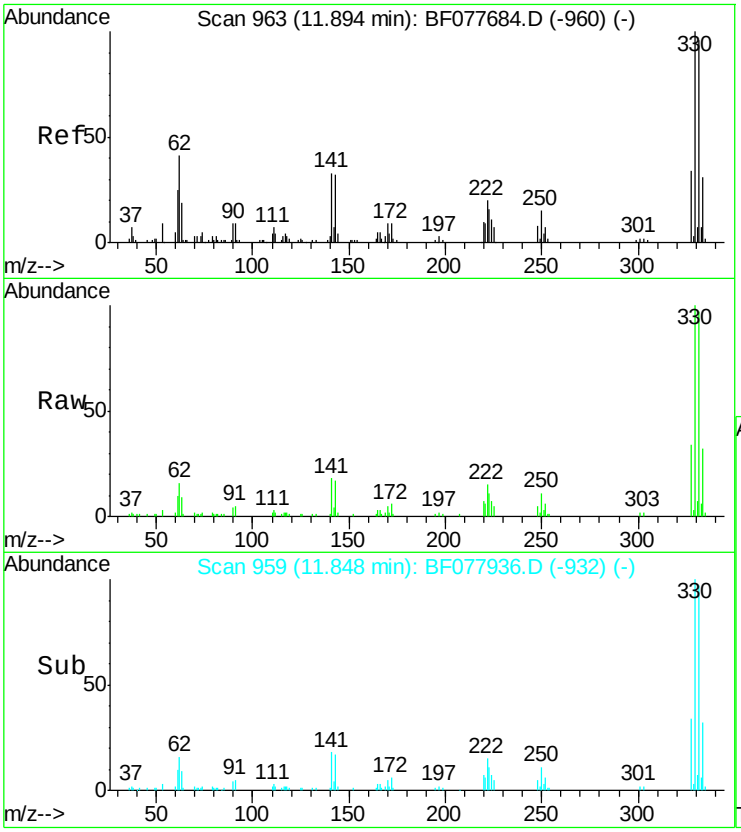


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Tgt Ion:164 Resp: 86050

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	45.3	35.8	53.6



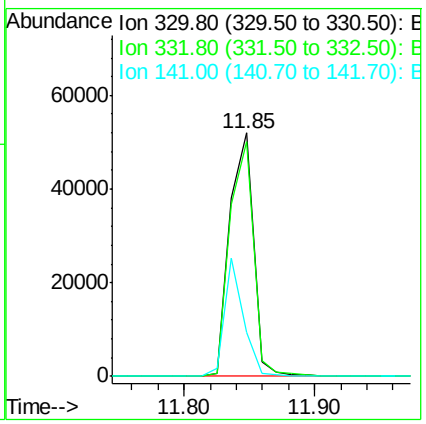


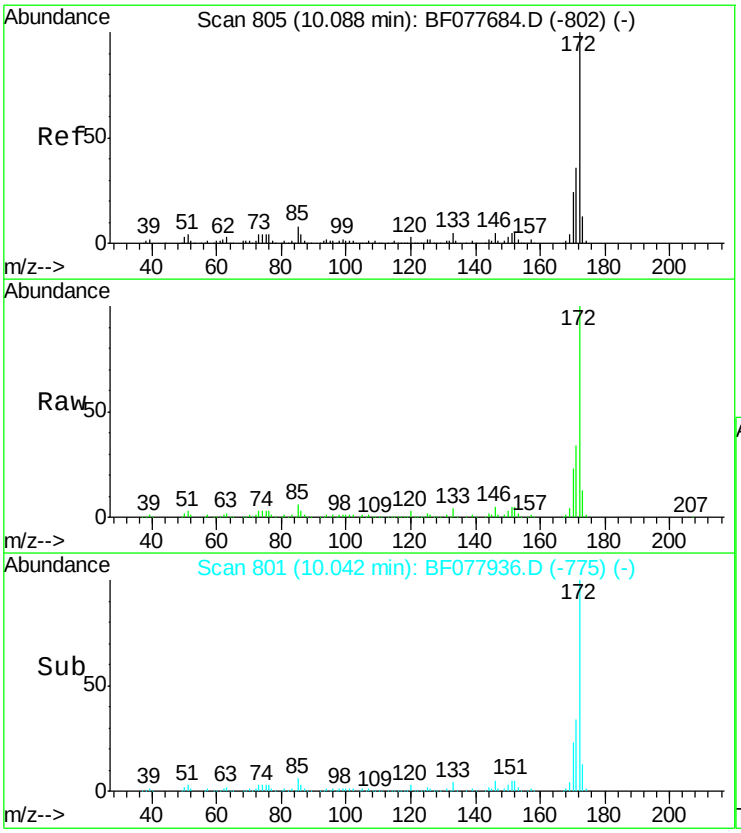
#41
2,4,6-Tribromophenol
Concen: 79.82 ng
RT: 11.85 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Instrument :
BNA_F
ClientSampleId :
SB-4-2

Tgt Ion:330 Resp: 65715

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	39.0	0.0	0.0#

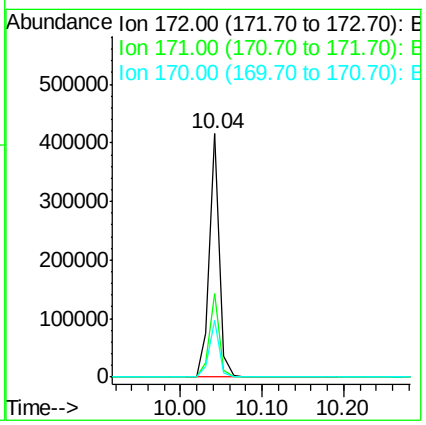


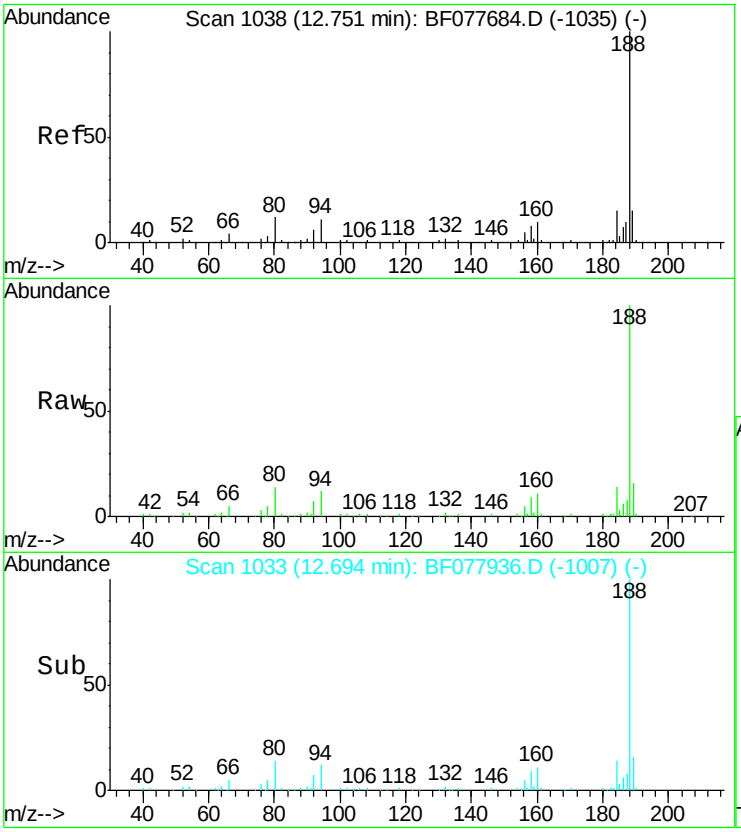


#44
2-Fluorobiphenyl
Concen: 62.34 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Tgt Ion:172 Resp: 365022

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.2	18.8	28.2



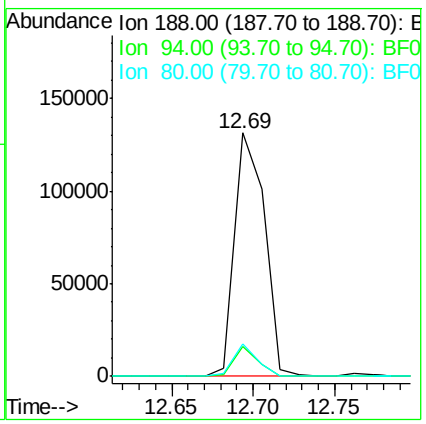


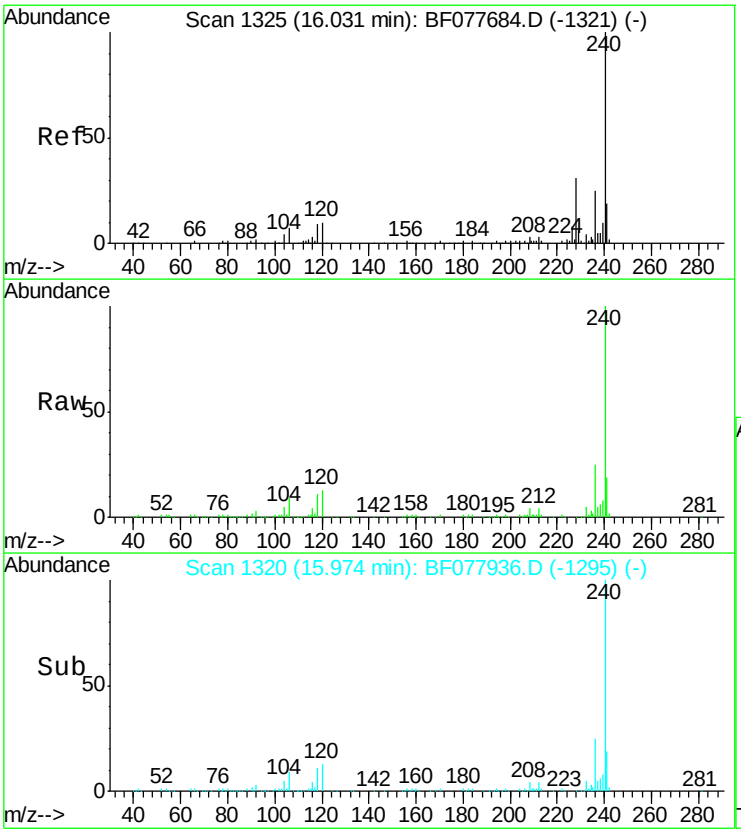
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Instrument :
BNA_F
ClientSampleId :
SB-4-2

Tgt Ion:188 Resp: 165860

Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.7	13.1
80	13.5	9.3	13.9

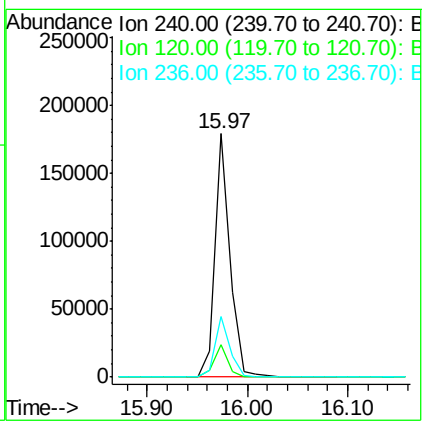


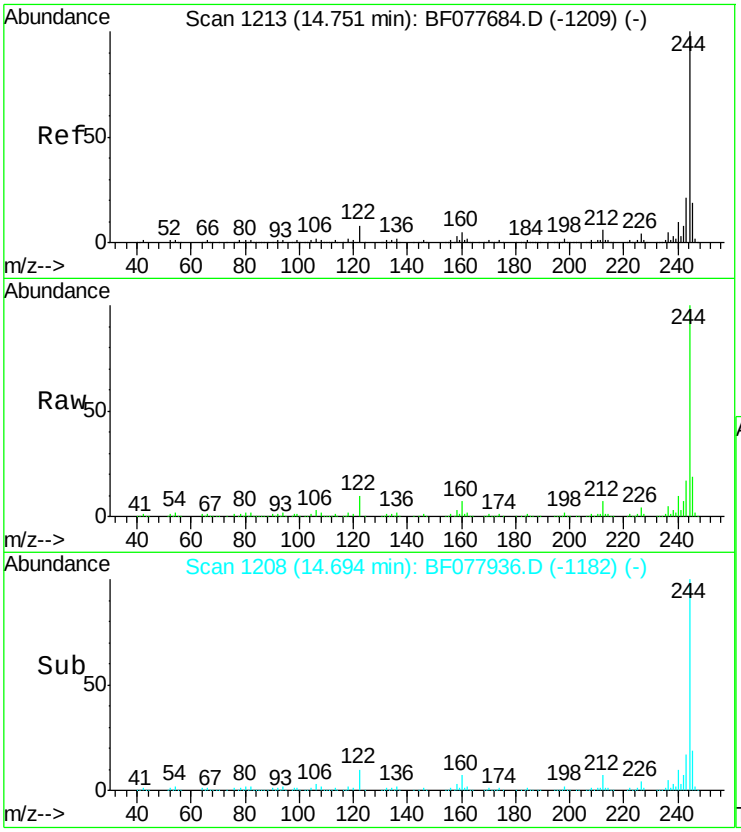


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Tgt Ion:240 Resp: 184758

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.2	12.2#
236	25.1	20.0	30.0



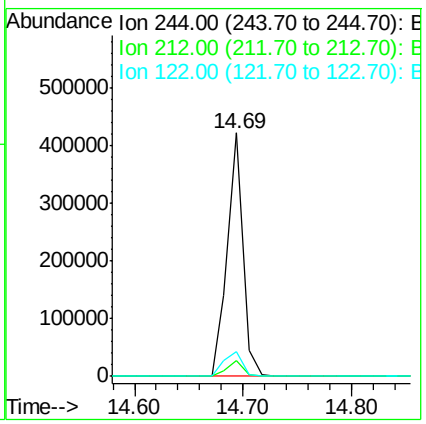


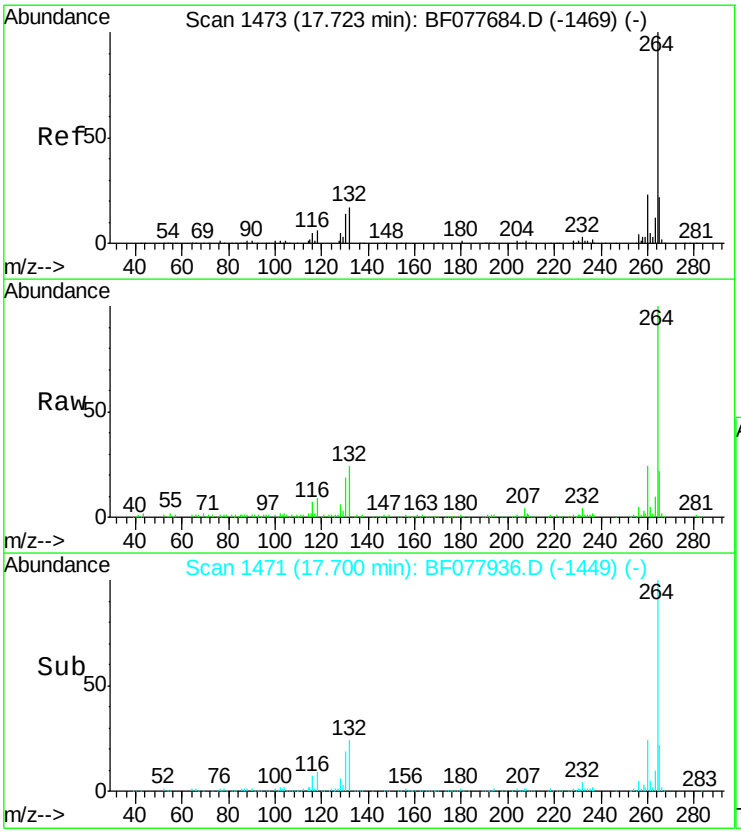
#78
Terphenyl-d14
Concen: 55.61 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Instrument :
BNA_F
ClientSampleId :
SB-4-2

Tgt Ion:244 Resp: 420583

Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.9	7.3
122	10.3	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.05 min
Lab File: BF077936.D
Acq: 25 Mar 2015 5:03

Tgt Ion:264 Resp: 176921

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.9	17.3	25.9