Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076937.D
Acq On : 19 Jan 2015 19:25
Operator : IZ / TP
Sample : G1110-01
Misc : W
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BEM-7

Quant Time: Jan 20 01:20:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 19 23:54:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	31492	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	129877	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	70116	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	117070	20.00	ng	0.00
75) Chrysene-d12	21.27	240	113878	20.00	ng	0.00
86) Perylene-d12	22.95	264	103220	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	103683	54.13	ng	0.00
7) Phenol-d6	7.37	99	75822	31.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	225898	96.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	86004	151.11	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	466461	101.24	ng	0.00
78) Terphenyl-d14	20.00	244	454955	91.97	ng	0.00
Target Compounds						Qvalue

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

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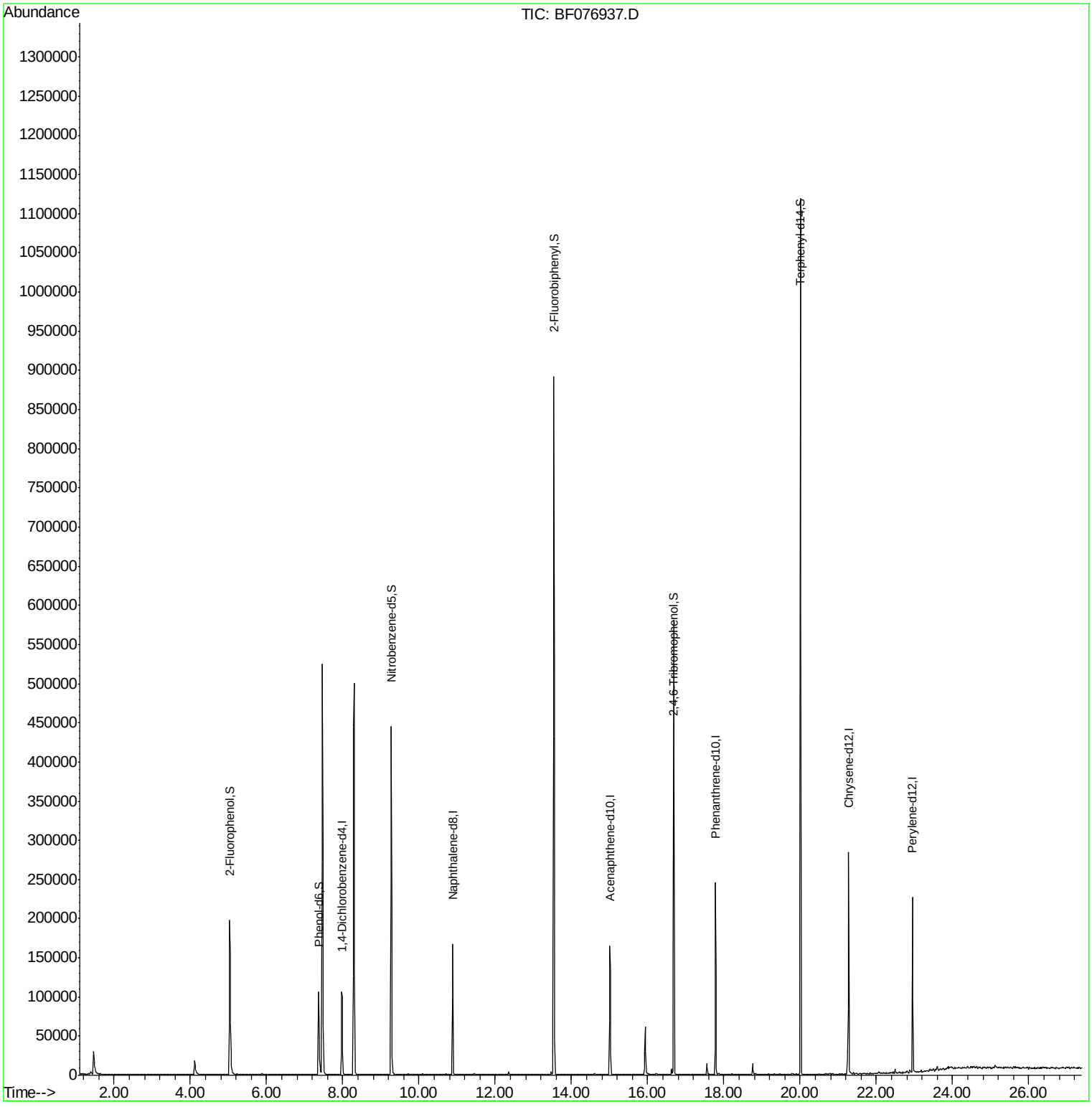
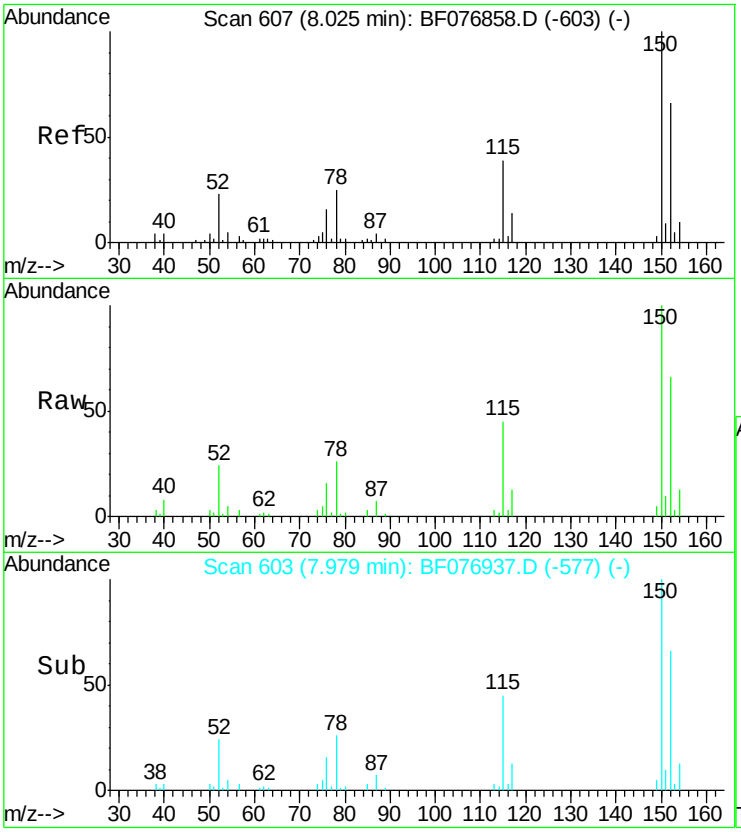


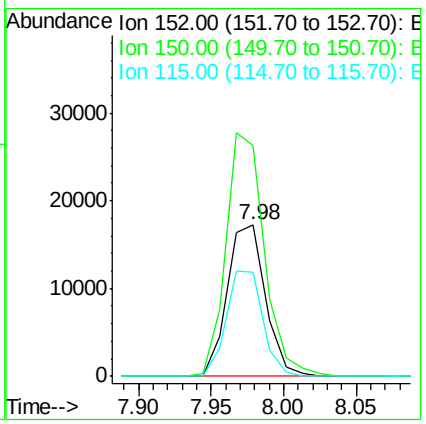


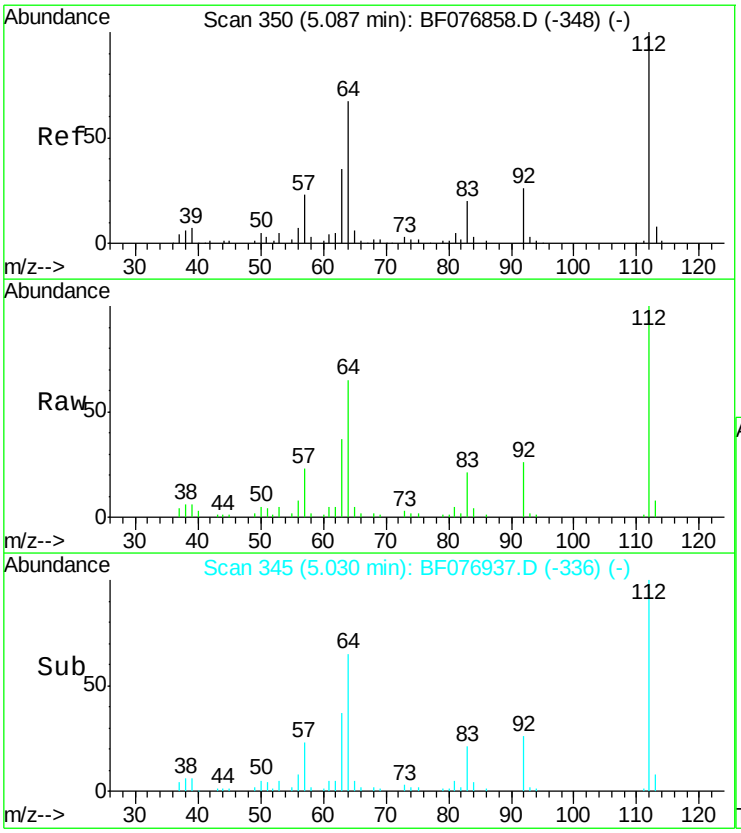
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Instrument :
BNA_F
ClientSampleId :
BEM-7

Tgt Ion:152 Resp: 31492

Ion	Ratio	Lower	Upper
152	100		
150	151.8	121.7	182.5
115	68.3	47.0	70.6

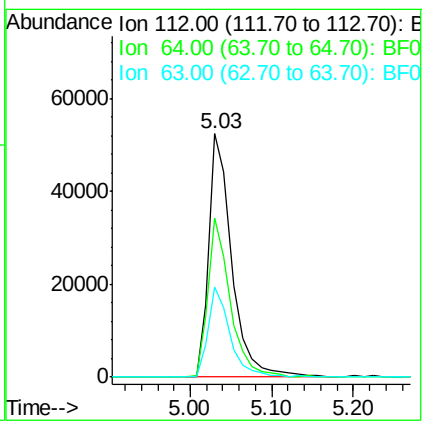


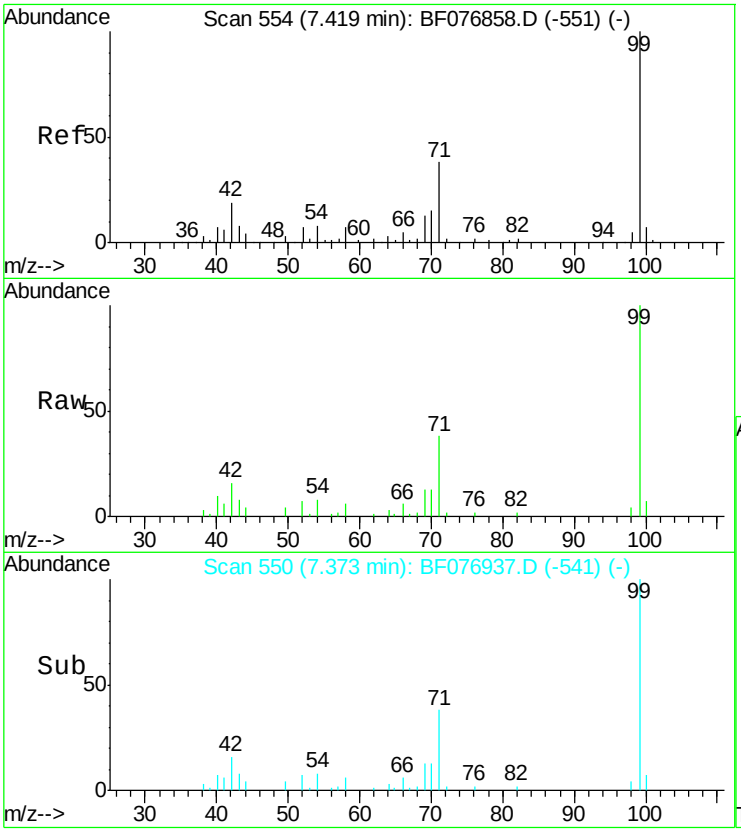


#5
2-Fluorophenol
Concen: 54.13 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Tgt Ion:112 Resp: 103683

Ion	Ratio	Lower	Upper
112	100		
64	65.2	54.2	81.4
63	37.2	28.4	42.6



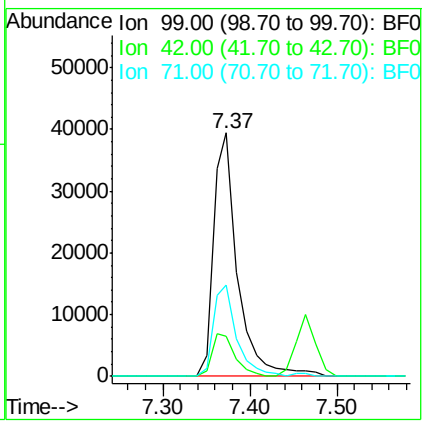


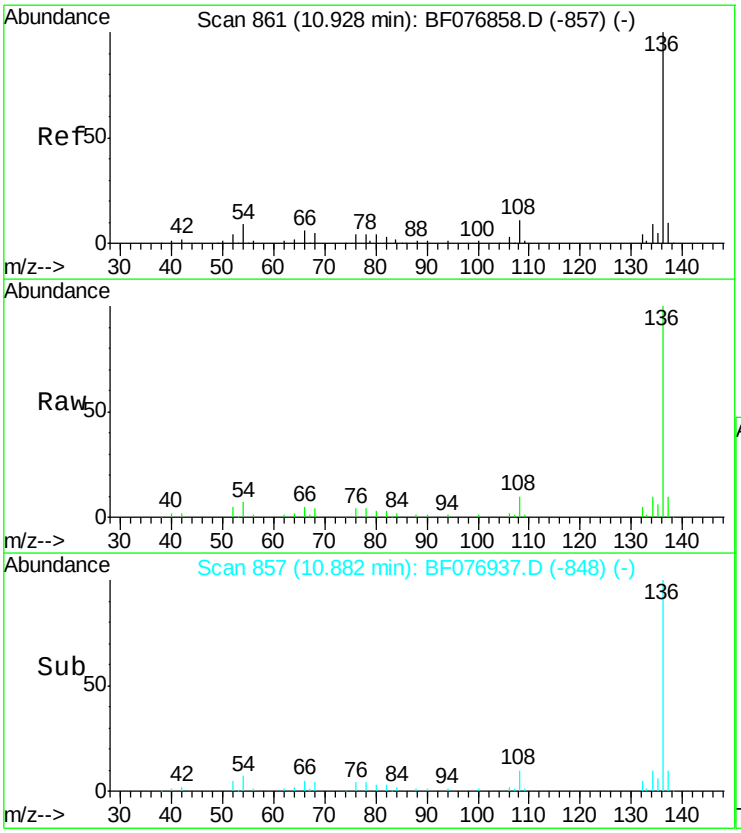
#7
Phenol-d6
Concen: 31.38 ng
RT: 7.37 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Instrument :
BNA_F
ClientSampleId :
BEM-7

Tgt Ion: 99 Resp: 75822

Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.0	22.4
71	37.7	30.5	45.7

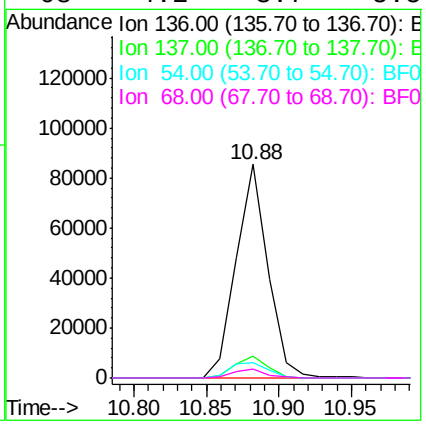


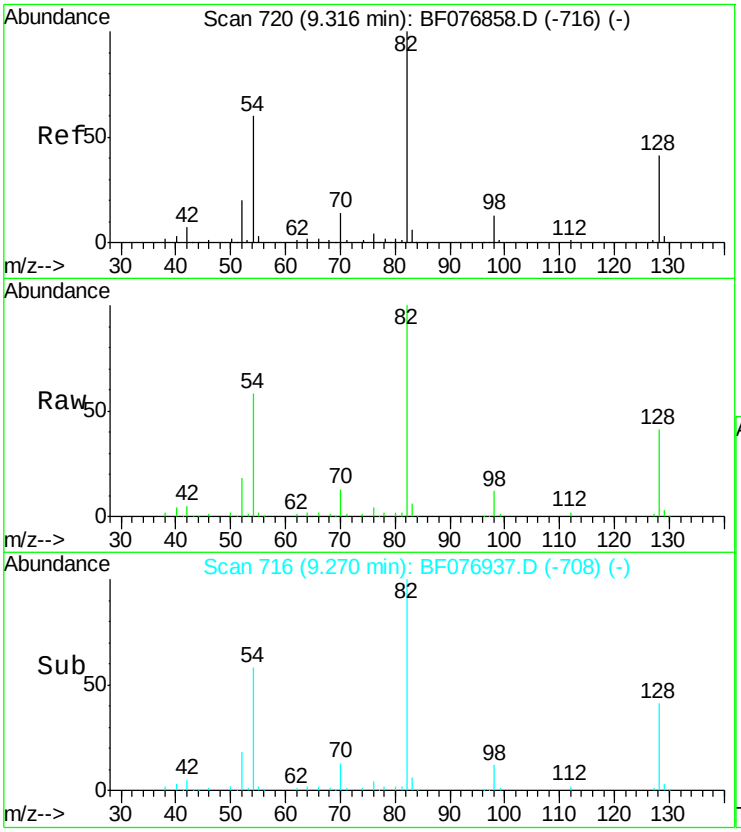


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Tgt Ion:136 Resp: 129877

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	7.3	7.0	10.4
68	4.2	3.7	5.5



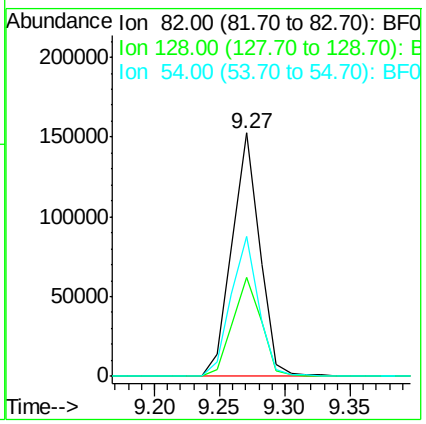


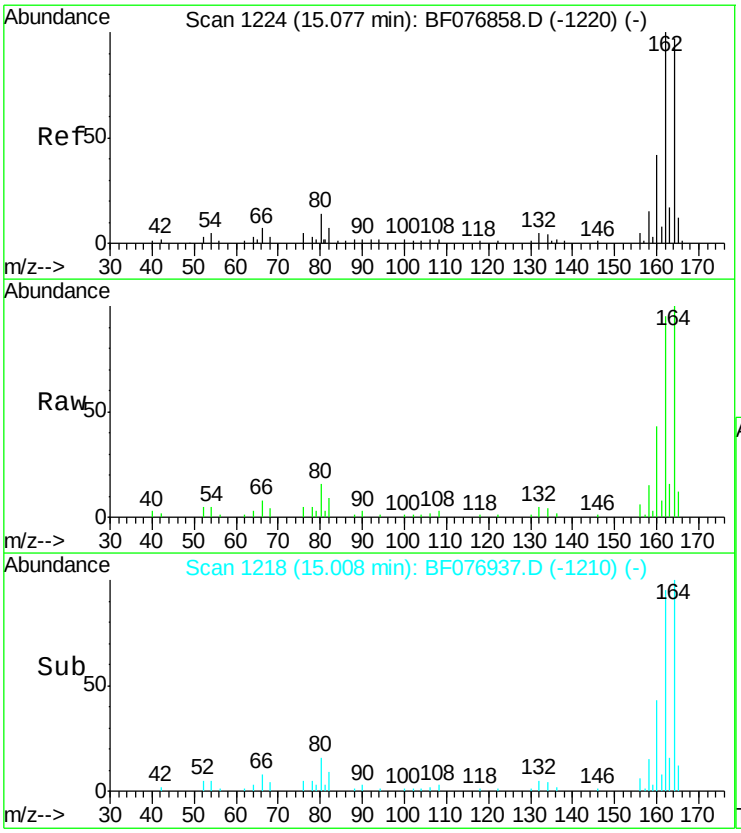
#23
Nitrobenzene-d5
Concen: 96.36 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Instrument :
BNA_F
ClientSampleId :
BEM-7

Tgt Ion: 82 Resp: 225898

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.1	49.7
54	57.6	48.3	72.5

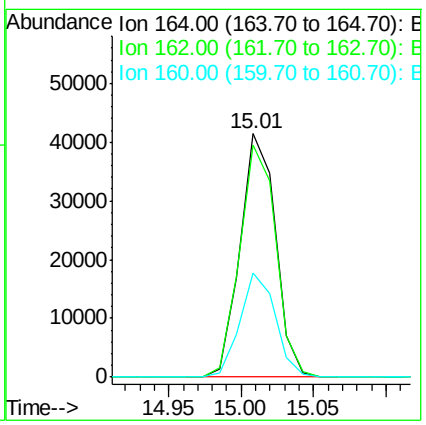


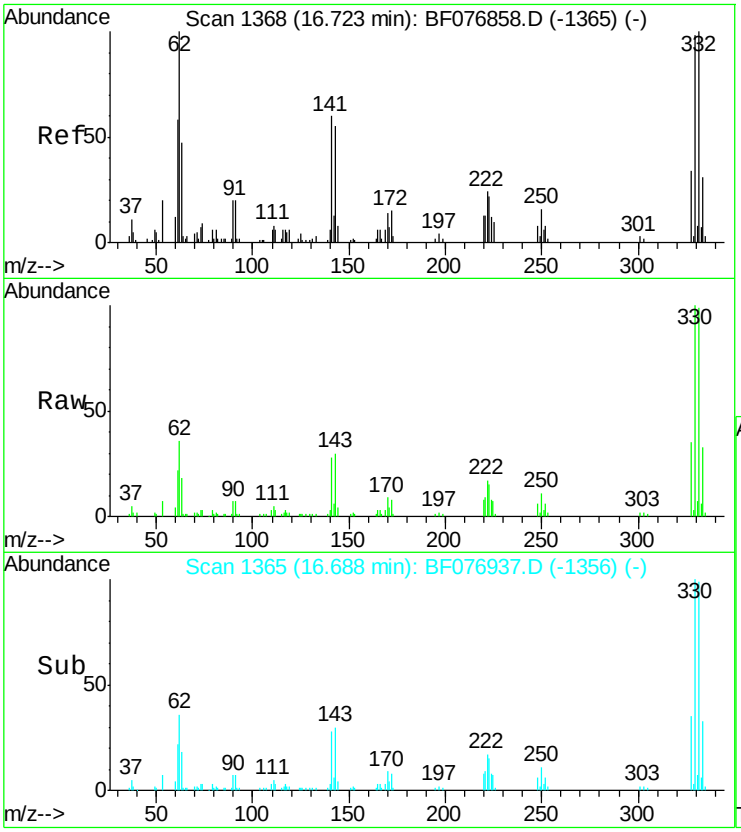


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Tgt Ion:164 Resp: 70116

Ion	Ratio	Lower	Upper
164	100		
162	95.3	82.4	123.6
160	42.7	34.8	52.2



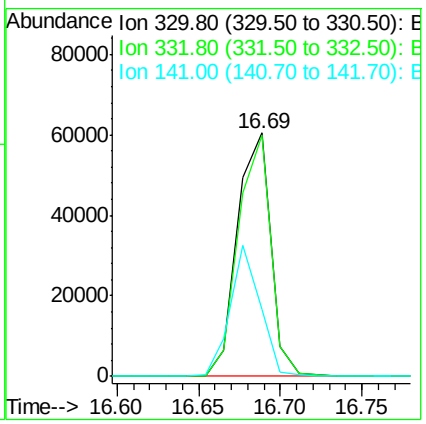


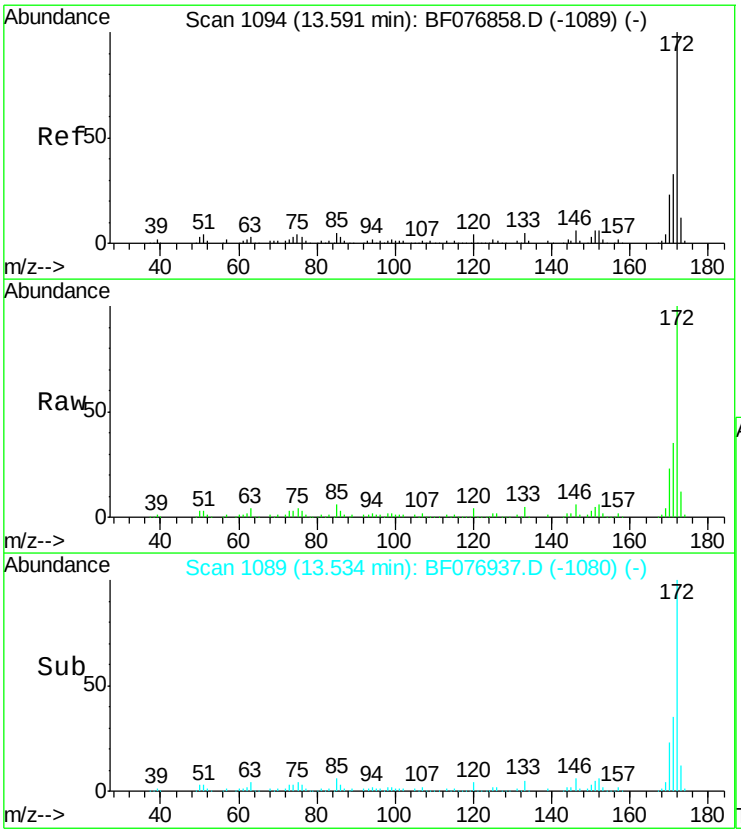
#41
2,4,6-Tribromophenol
Concen: 151.11 ng
RT: 16.69 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Instrument :
BNA_F
ClientSampleId :
BEM-7

Tgt Ion:330 Resp: 86004

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.6
141	48.4	38.5	57.7

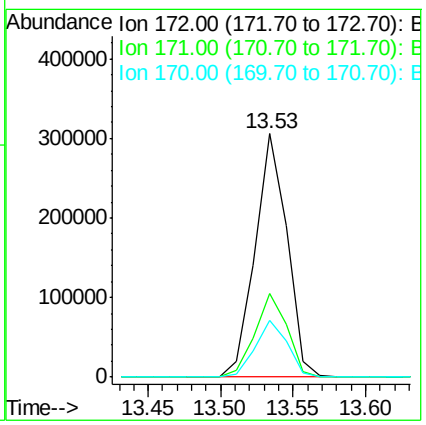


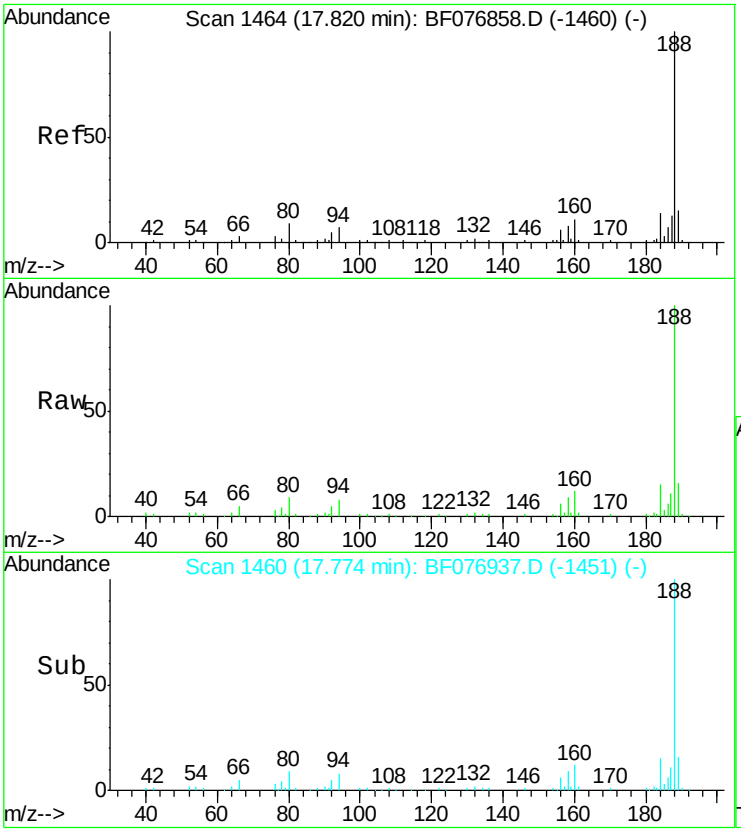


#44
2-Fluorobiphenyl
Concen: 101.24 ng
RT: 13.53 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Tgt Ion:172 Resp: 466461

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.6	40.0
170	23.2	18.0	27.0



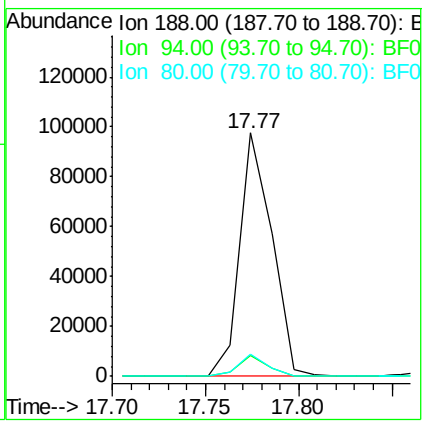


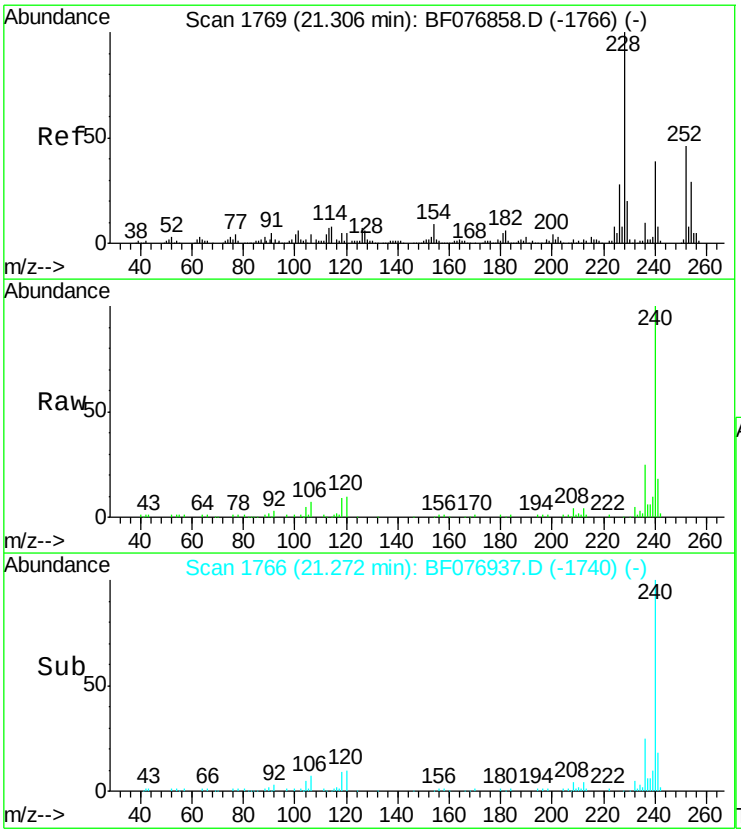
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Instrument :
BNA_F
ClientSampleId :
BEM-7

Tgt Ion:188 Resp: 117070

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.0	9.0
80	9.3	6.9	10.3

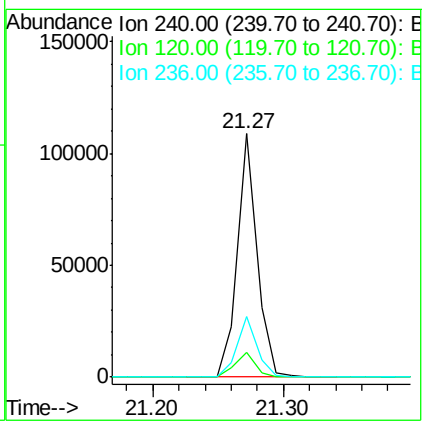


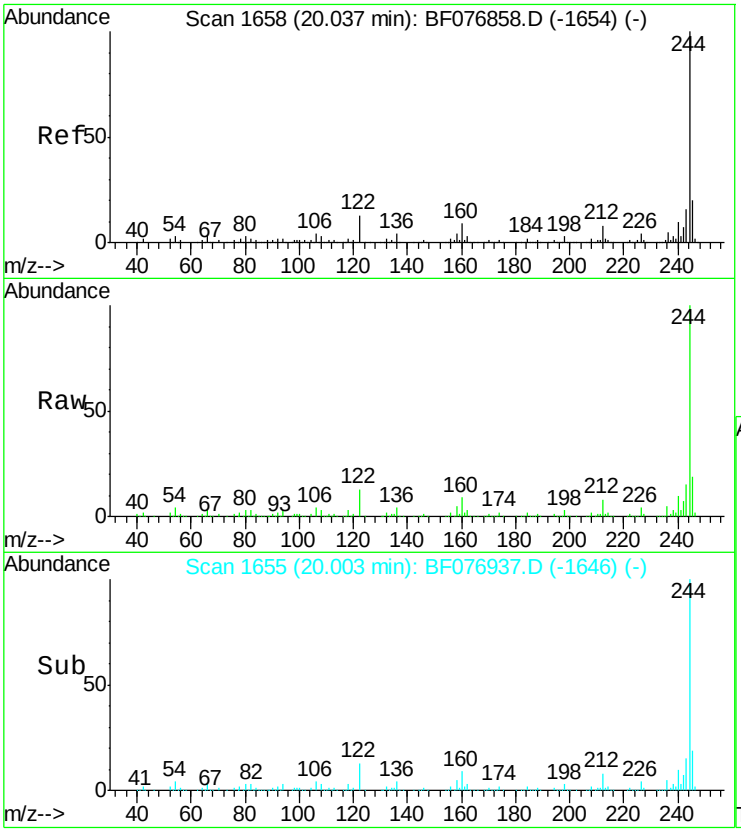


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Tgt Ion:240 Resp: 113878

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.4	15.6#
236	24.7	20.2	30.2



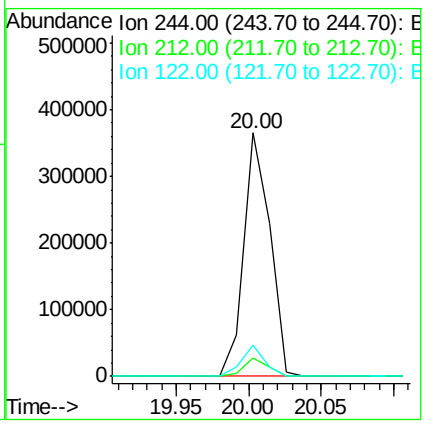


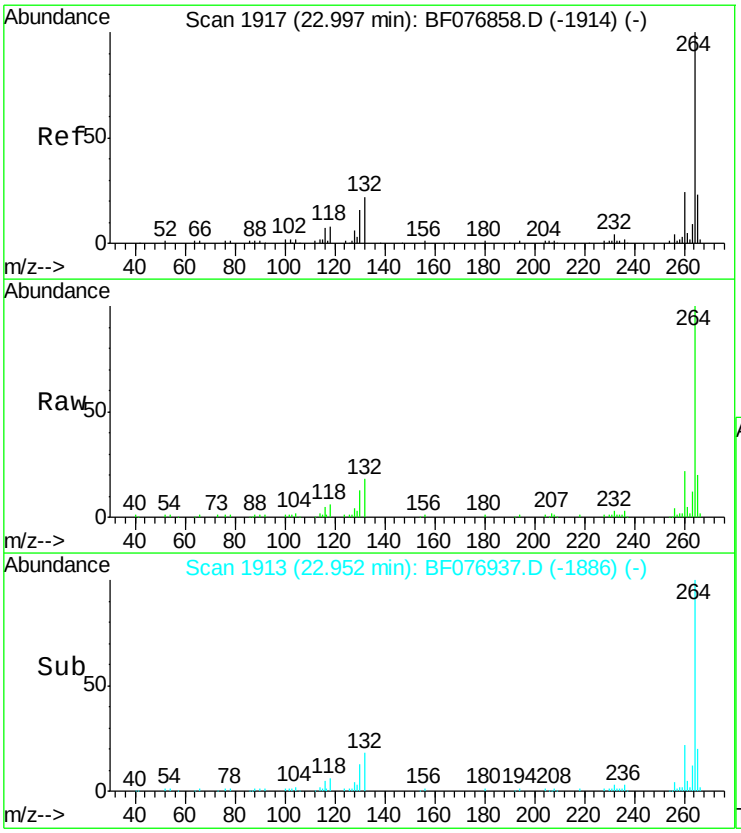
#78
Terphenyl-d14
Concen: 91.97 ng
RT: 20.00 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Instrument :
BNA_F
ClientSampleId :
BEM-7

Tgt Ion:244 Resp: 454955

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	13.0	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.95 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Tgt Ion:264 Resp: 103220

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	20.5	18.1	27.1