Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077931.D
Acq On : 25 Mar 2015 2:40
Operator : TP/IZ
Sample : G1613-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-1

Quant Time: Mar 25 04:58:29 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	39120	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	163906	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	83761	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	169785	20.00	ng	0.00
75) Chrysene-d12	15.97	240	188496	20.00	ng	-0.01
86) Perylene-d12	17.69	264	175689	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	43645	19.47	ng	0.00
7) Phenol-d6	6.69	99	57114	20.63	ng	0.00
23) Nitrobenzene-d5	7.81	82	29952	11.98	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	12747	15.91	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	83120	14.58	ng	0.00
78) Terphenyl-d14	14.68	244	102463	13.28	ng	-0.01
Target Compounds						Qvalue

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

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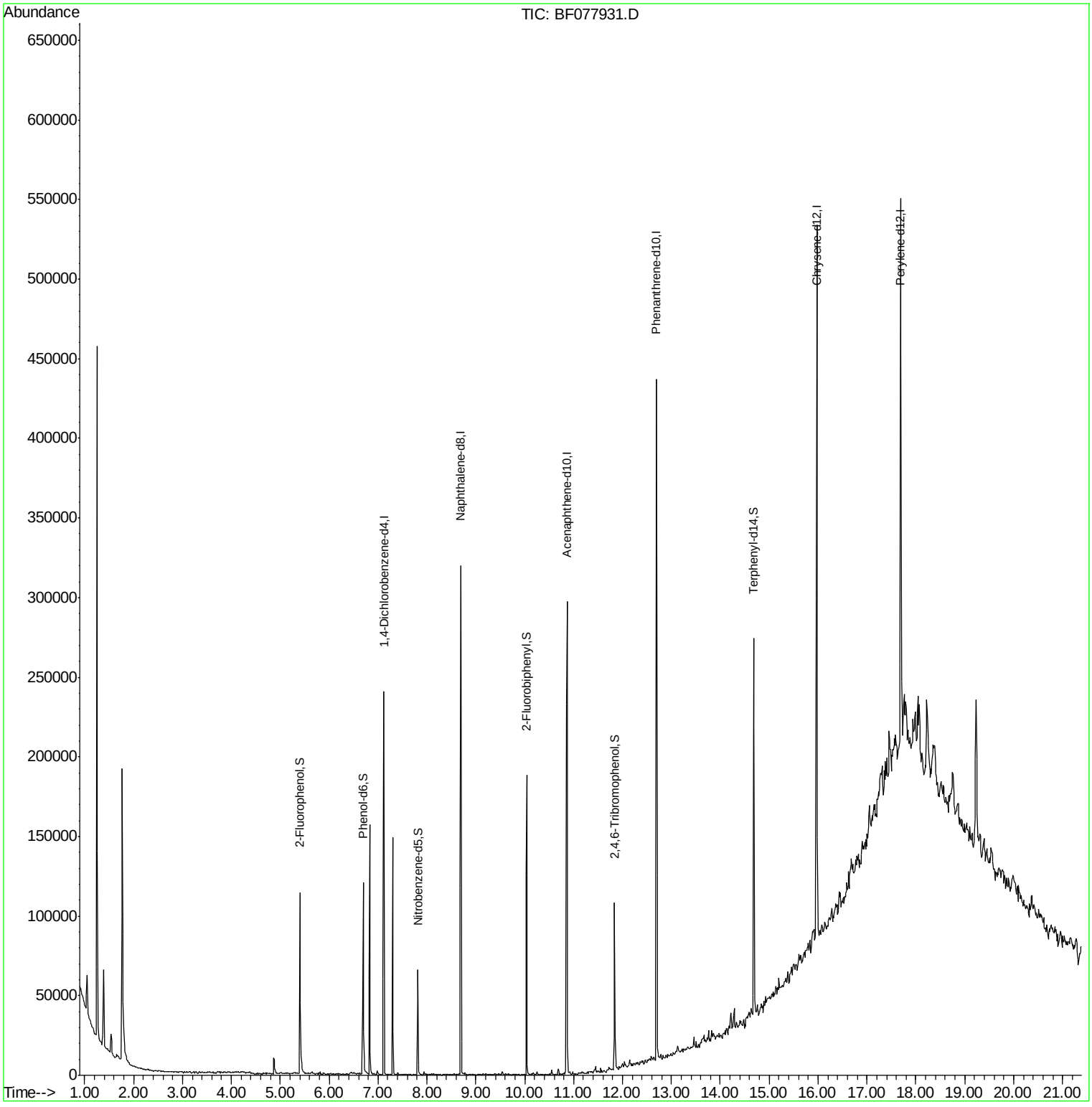
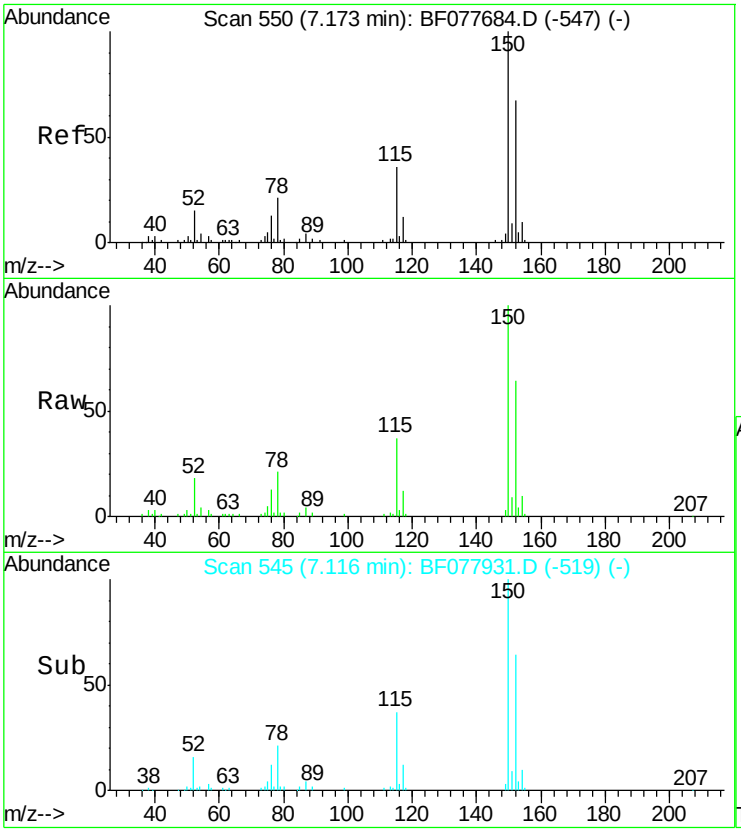


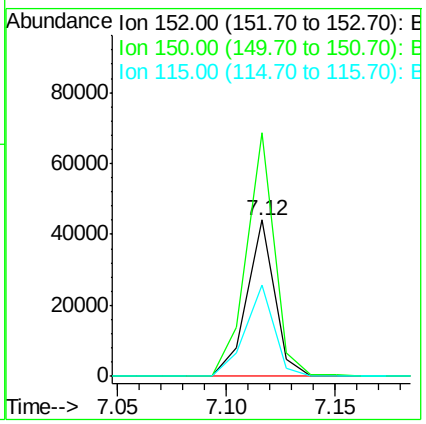


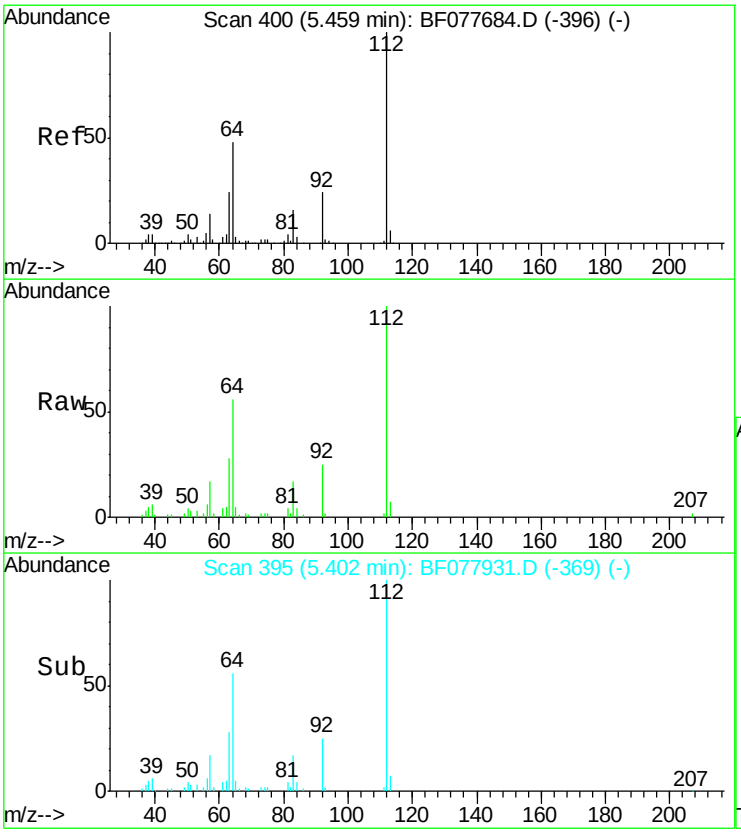
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Instrument :
BNA_F
ClientSampleId :
SB-1-1

Tgt Ion:152 Resp: 39120

Ion	Ratio	Lower	Upper
152	100		
150	156.0	119.5	179.3
115	58.4	43.0	64.4

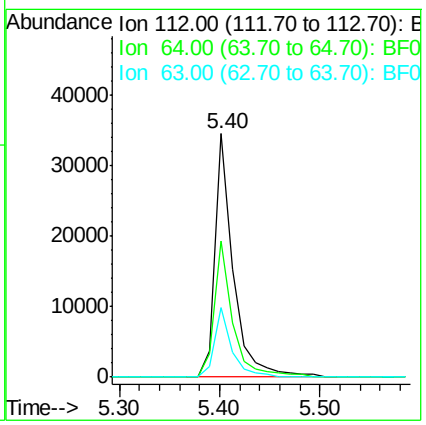


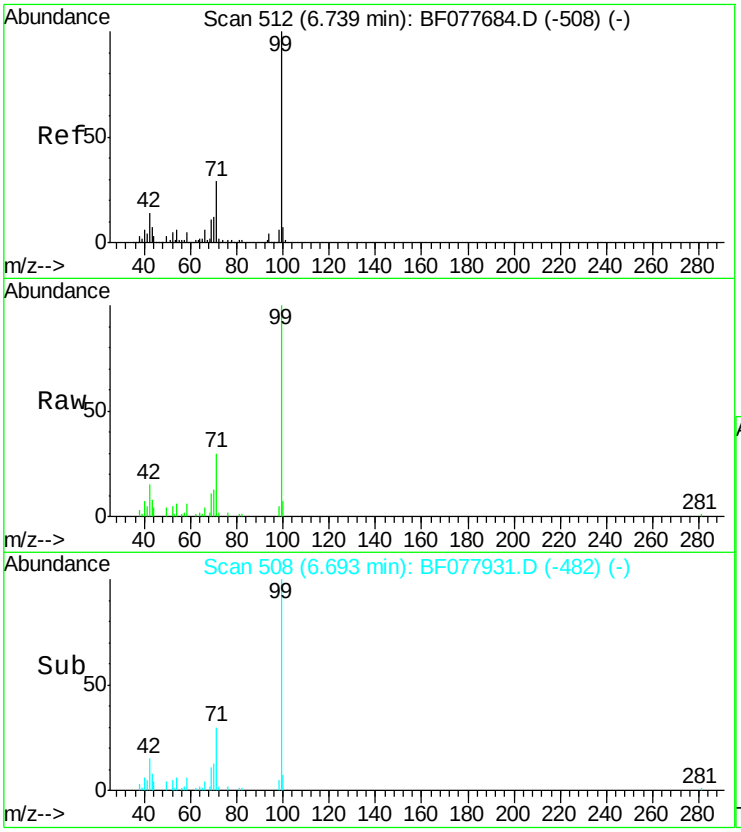


#5
2-Fluorophenol
Concen: 19.47 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Tgt Ion:112 Resp: 43645

Ion	Ratio	Lower	Upper
112	100		
64	55.8	38.6	57.8
63	28.5	19.3	28.9



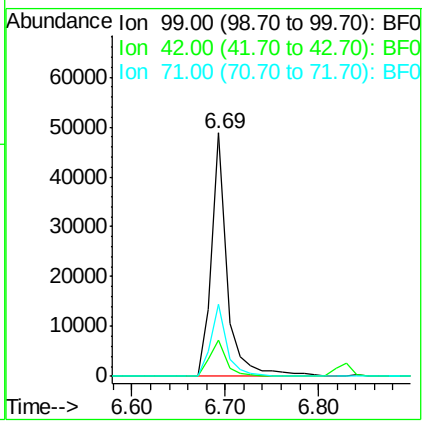


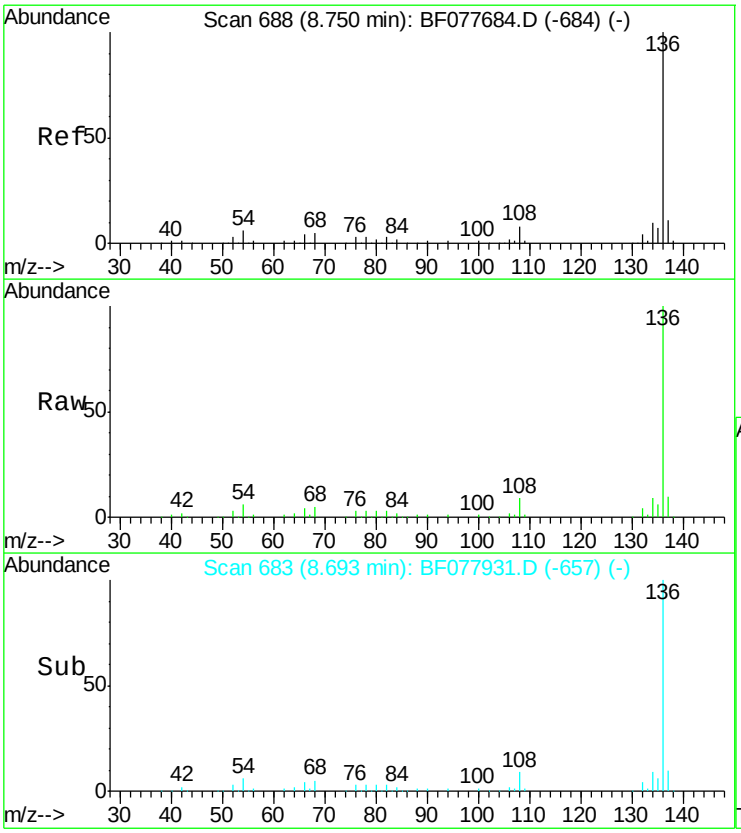
#7
Phenol-d6
Concen: 20.63 ng
RT: 6.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Instrument :
BNA_F
ClientSampleId :
SB-1-1

Tgt Ion: 99 Resp: 57114

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.0	16.4
71	29.7	23.4	35.2

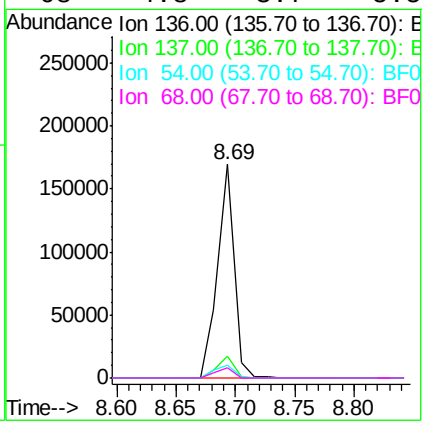


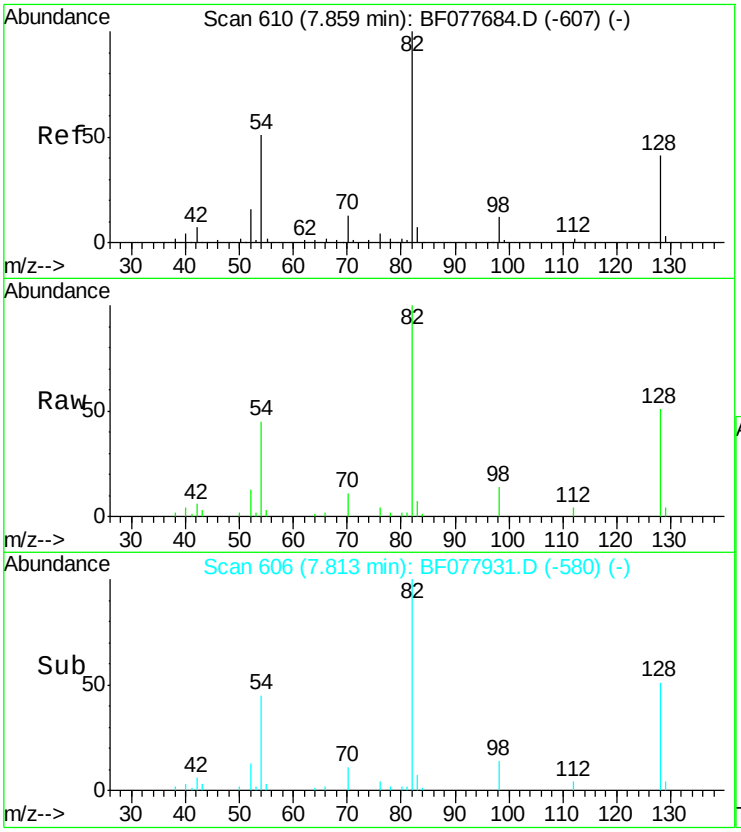


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Tgt Ion:136 Resp: 163906

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.9	4.6	6.8
68	4.8	3.7	5.5



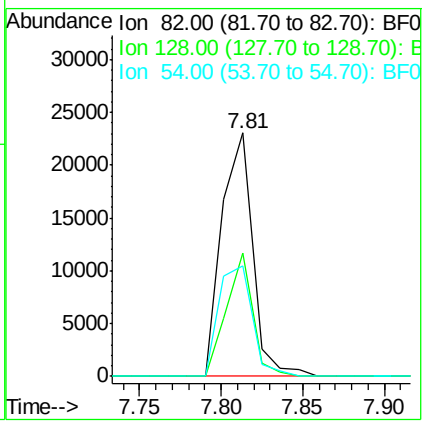


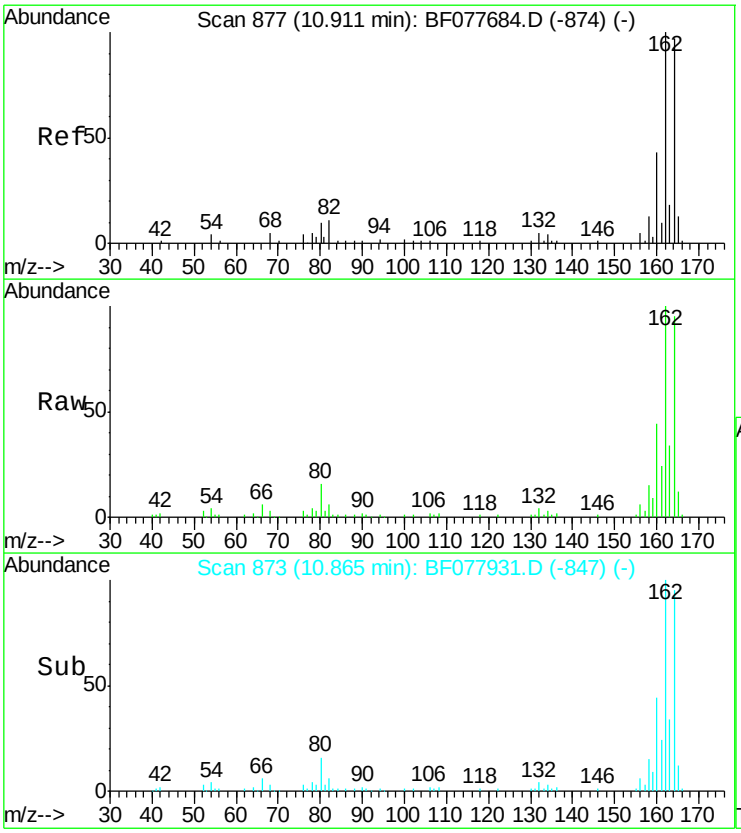
#23
Nitrobenzene-d5
Concen: 11.98 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Instrument :
BNA_F
ClientSampleId :
SB-1-1

Tgt Ion: 82 Resp: 29952

Ion	Ratio	Lower	Upper
82	100		
128	50.7	32.8	49.2#
54	45.3	40.6	60.8

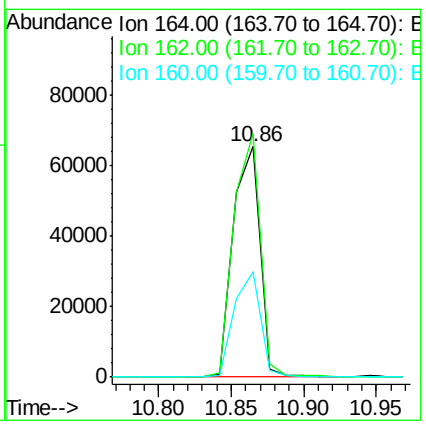


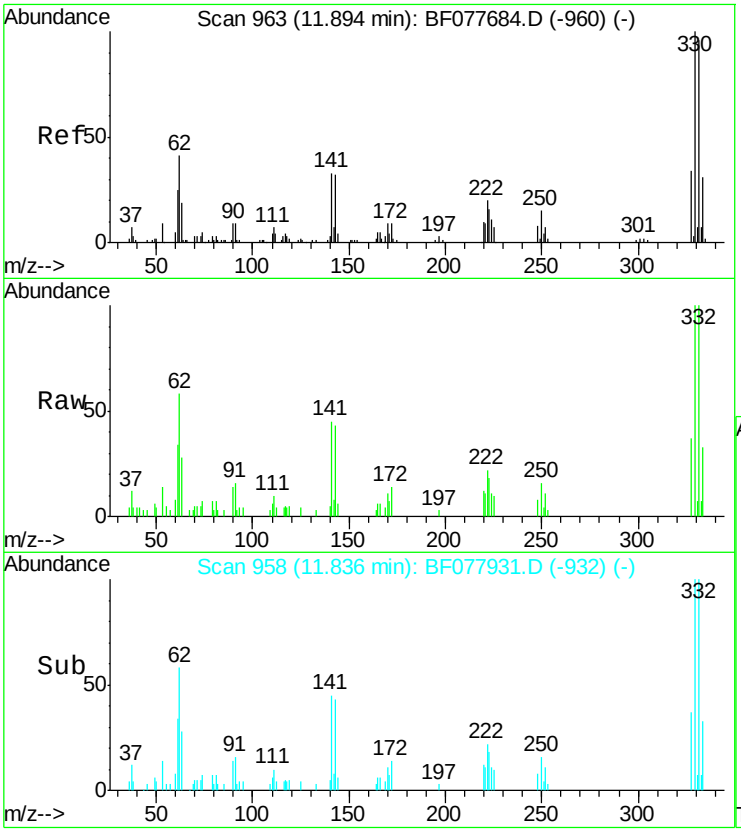


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Tgt Ion:164 Resp: 83761

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.4	123.6
160	46.0	35.8	53.6



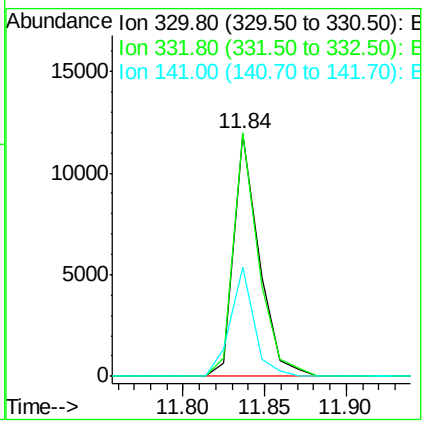


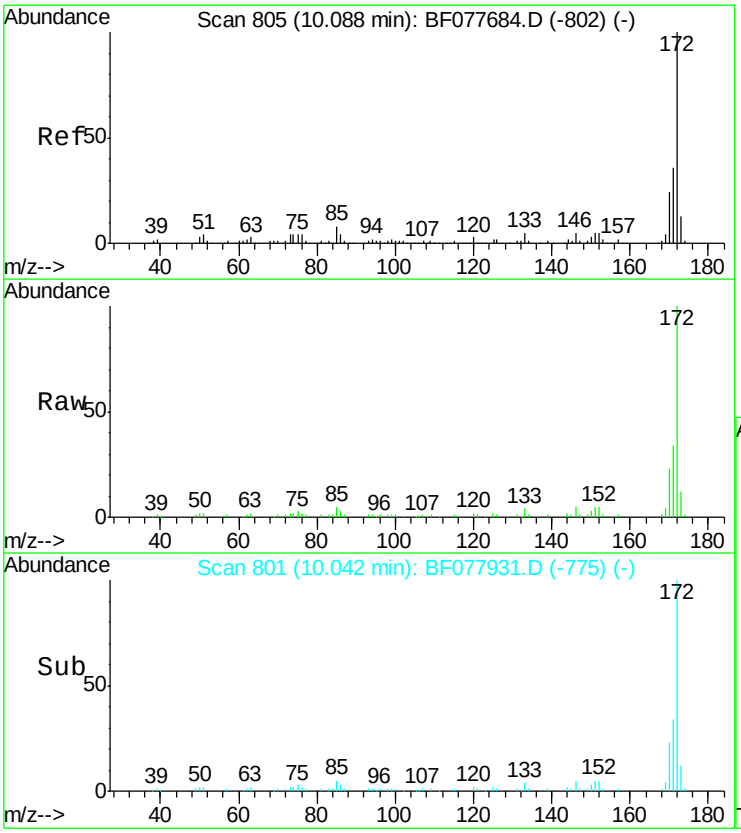
#41
2,4,6-Tribromophenol
Concen: 15.91 ng
RT: 11.84 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Instrument :
BNA_F
ClientSampleId :
SB-1-1

Tgt Ion:330 Resp: 12747

Ion	Ratio	Lower	Upper
330	100		
332	99.6	0.0	0.0#
141	42.1	0.0	0.0#

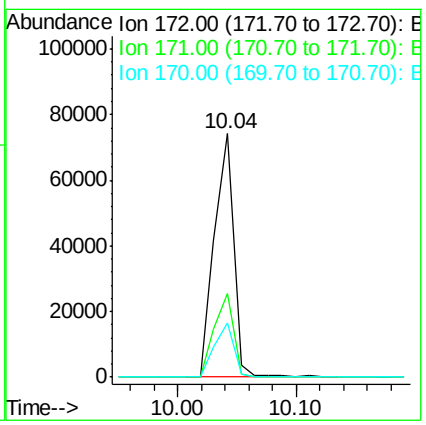


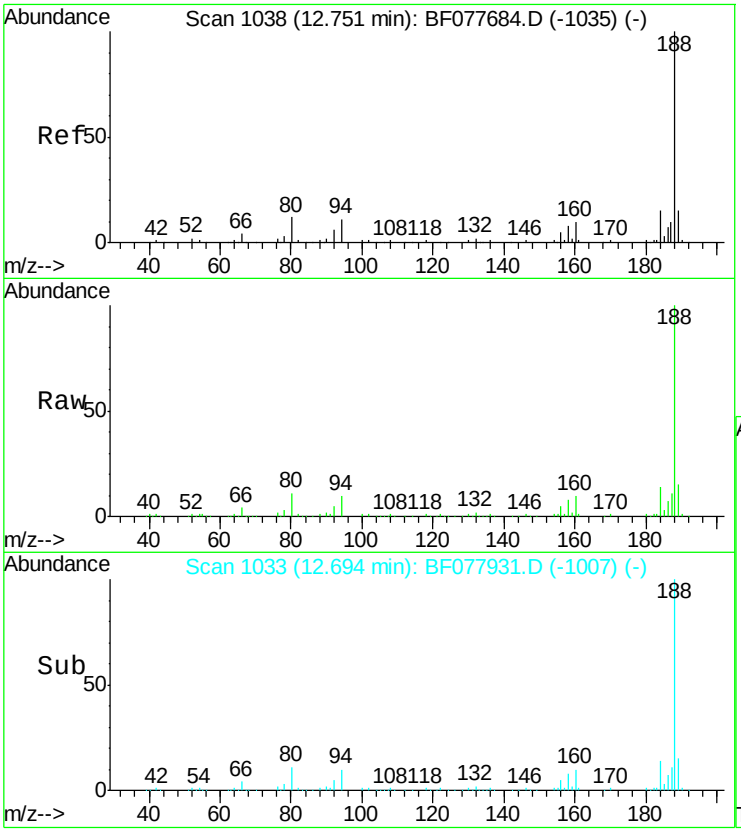


#44
2-Fluorobiphenyl
Concen: 14.58 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Tgt Ion:172 Resp: 83120

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.5	18.8	28.2



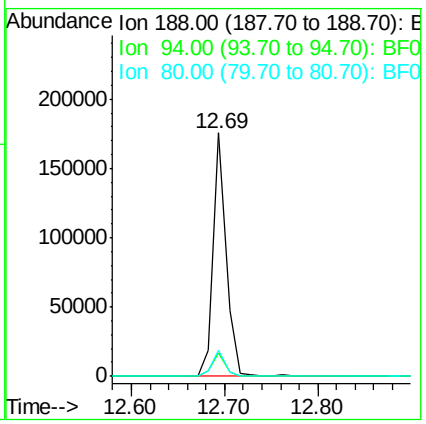


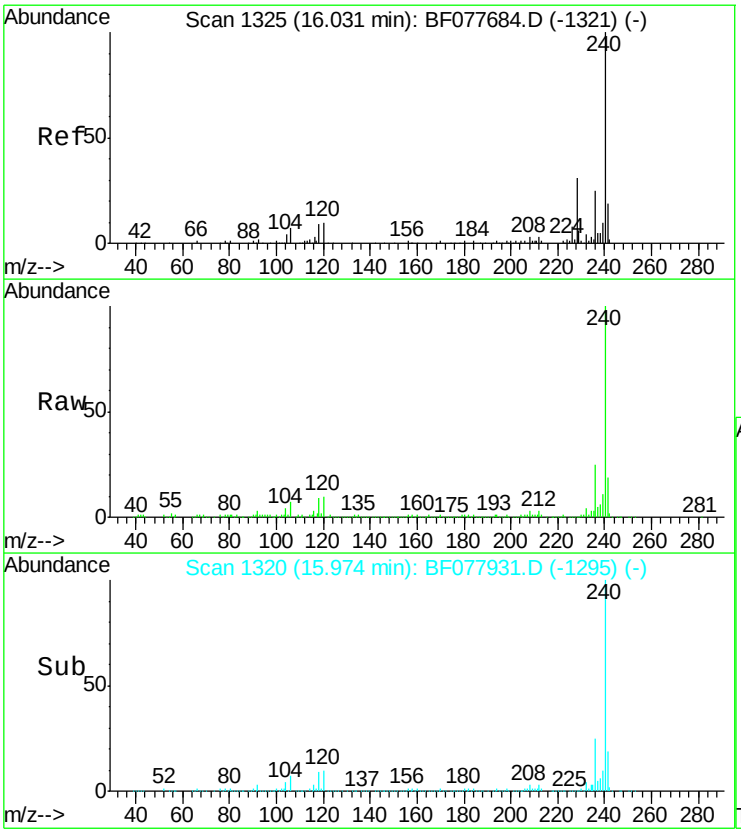
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Instrument :
BNA_F
ClientSampleId :
SB-1-1

Tgt Ion:188 Resp: 169785

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	10.5	9.3	13.9

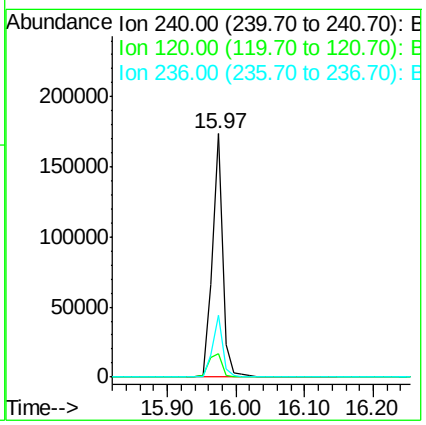


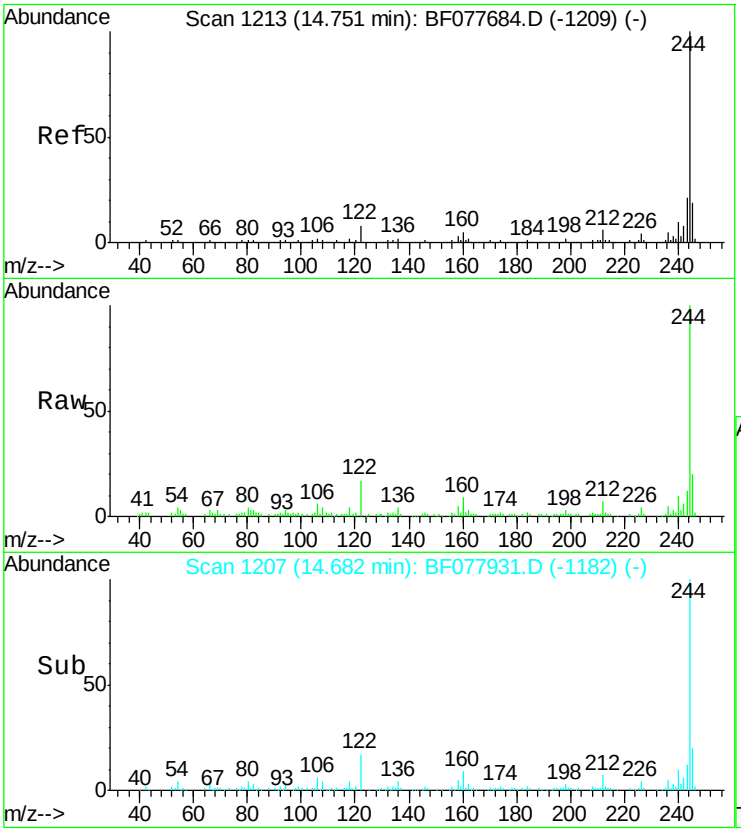


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Tgt Ion:240 Resp: 188496

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	25.2	20.0	30.0



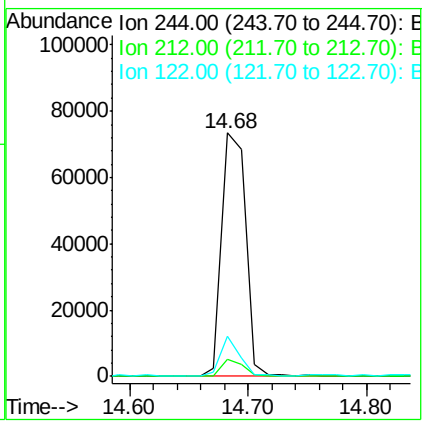


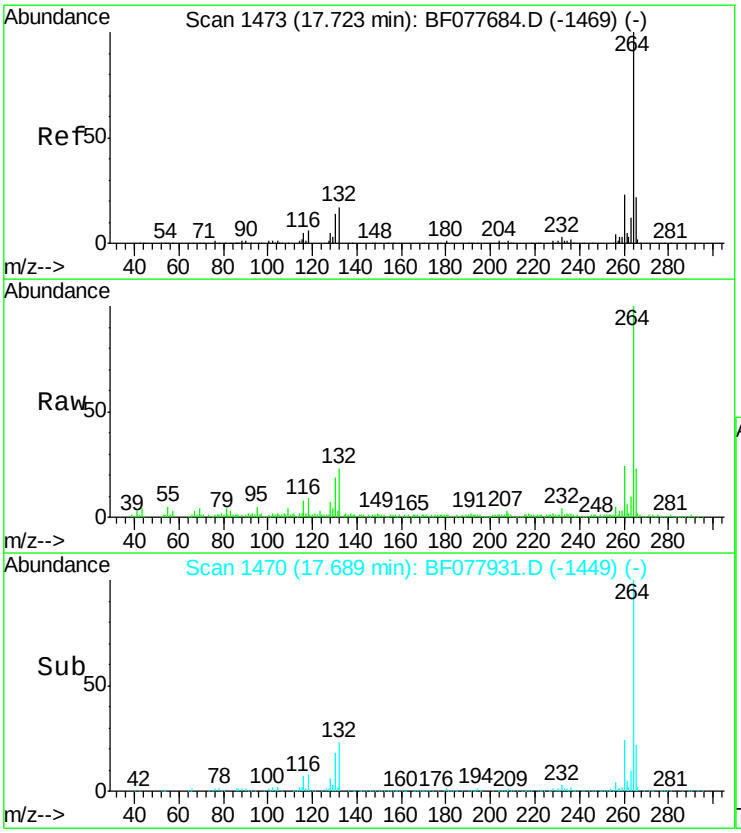
#78
Terphenyl-d14
Concen: 13.28 ng
RT: 14.68 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Instrument :
BNA_F
ClientSampleId :
SB-1-1

Tgt Ion:244 Resp: 102463

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	16.7	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.06 min
Lab File: BF077931.D
Acq: 25 Mar 2015 2:40

Tgt Ion:264 Resp: 175689

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.8	17.3	25.9