Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077921.D
Acq On : 24 Mar 2015 19:50
Operator : TP/IZ
Sample : G1613-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-2

Quant Time: Mar 25 01:52:16 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 00:51:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42512	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	168125	20.00	ng	0.00
38) Acenaphthene-d10	10.85	164	82770	20.00	ng	-0.01
63) Phenanthrene-d10	12.69	188	165187	20.00	ng	0.00
75) Chrysene-d12	15.97	240	180014	20.00	ng	0.00
86) Perylene-d12	17.71	264	167878	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	233408	95.84	ng	0.00
7) Phenol-d6	6.69	99	303660	100.92	ng	0.00
23) Nitrobenzene-d5	7.81	82	163239	63.65	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	63846	80.62	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	376968	66.93	ng	0.00
78) Terphenyl-d14	14.69	244	445873	60.50	ng	0.00

Target Compounds	Qvalue

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

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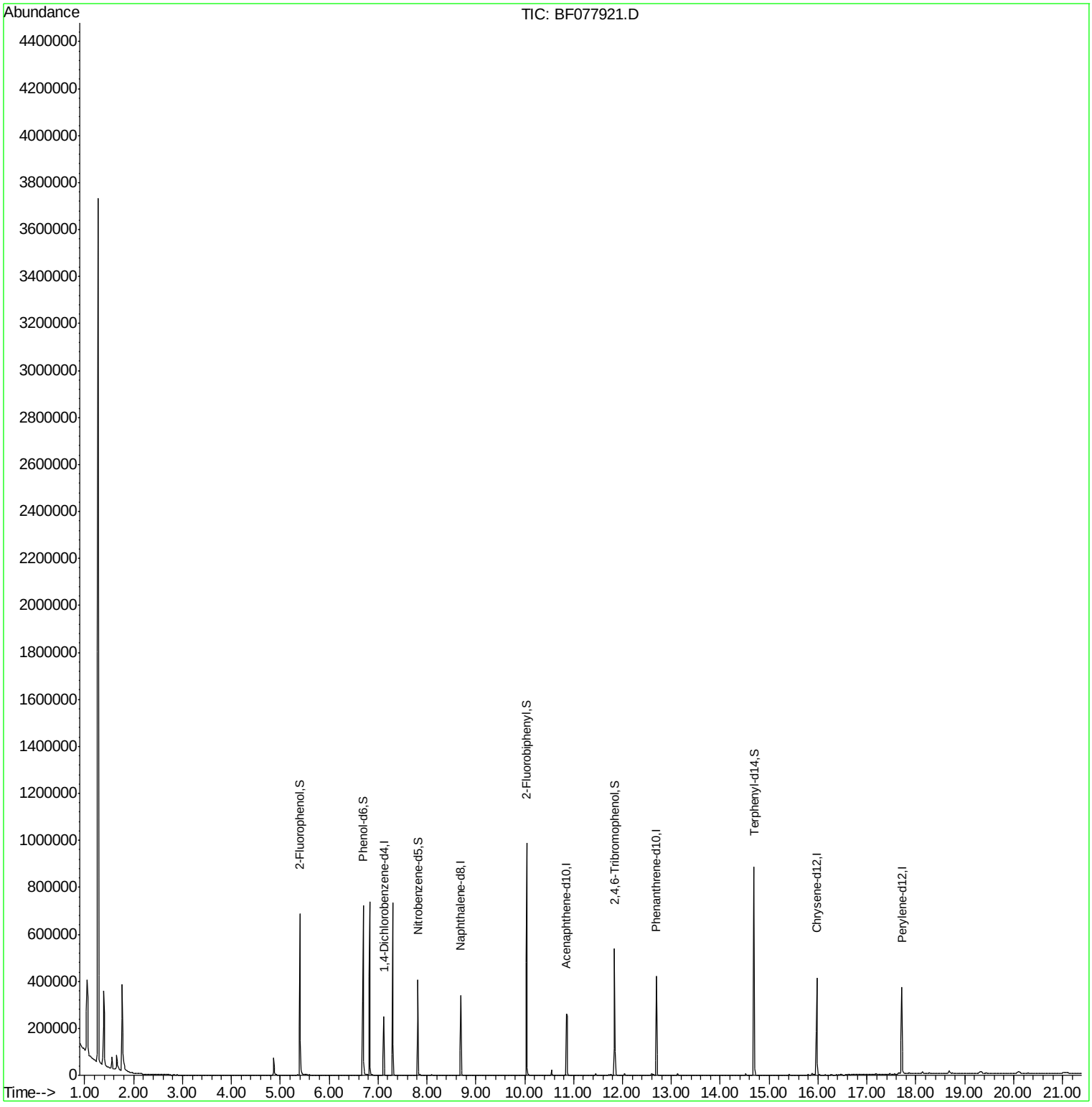
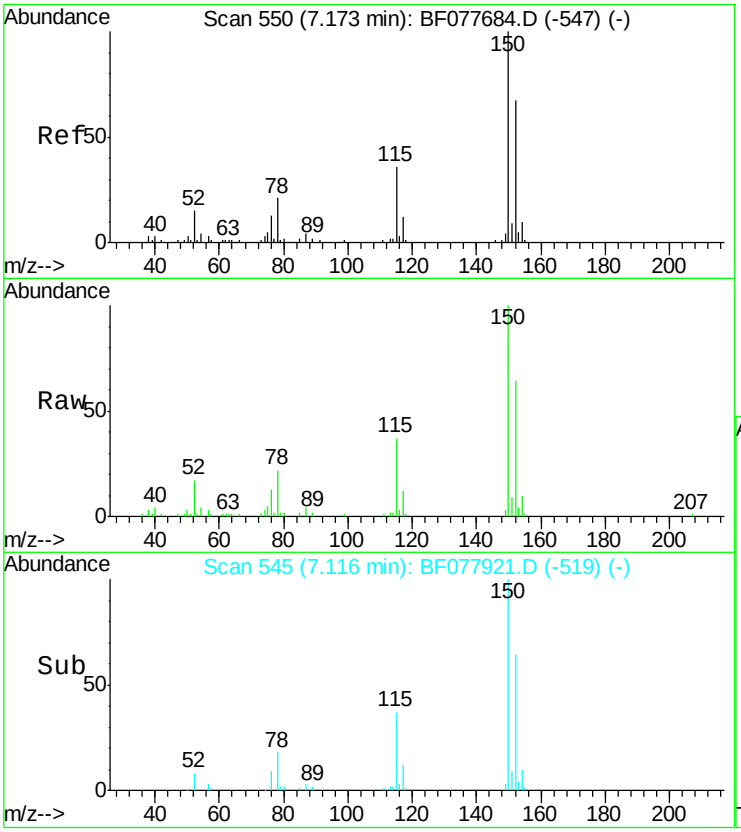


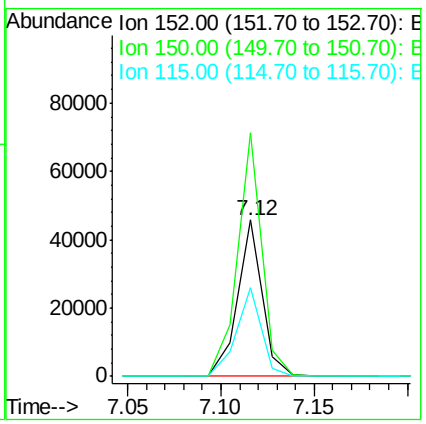


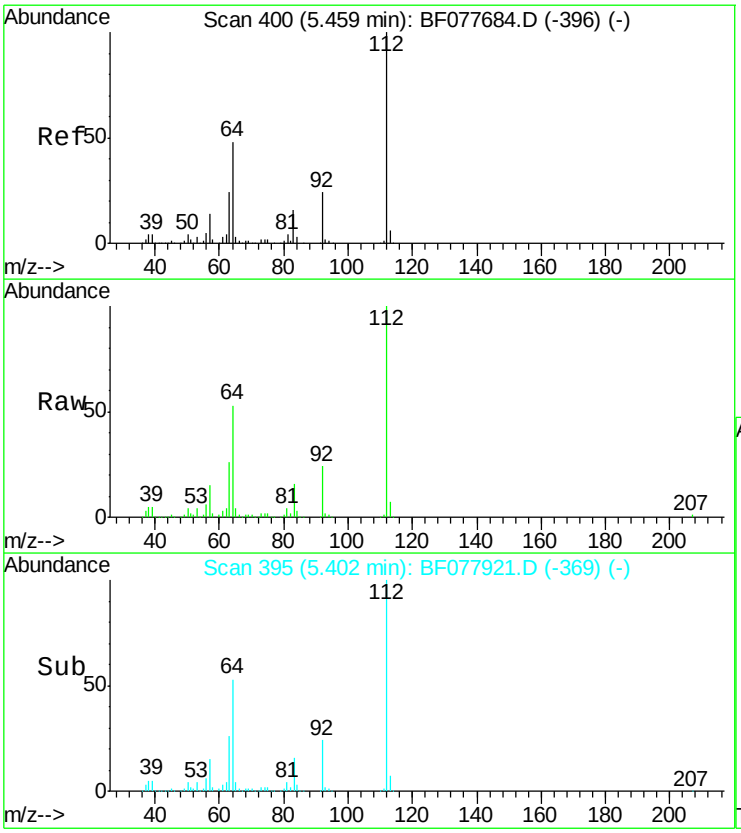
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion:152 Resp: 42512

Ion	Ratio	Lower	Upper
152	100		
150	155.9	119.5	179.3
115	57.1	43.0	64.4

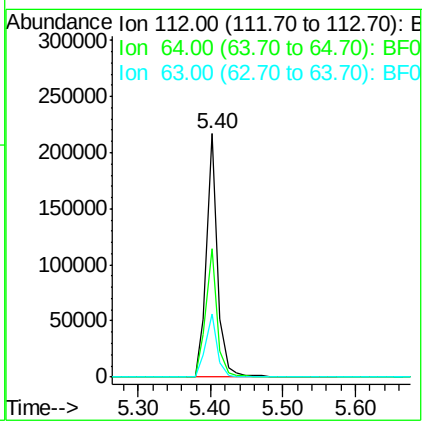


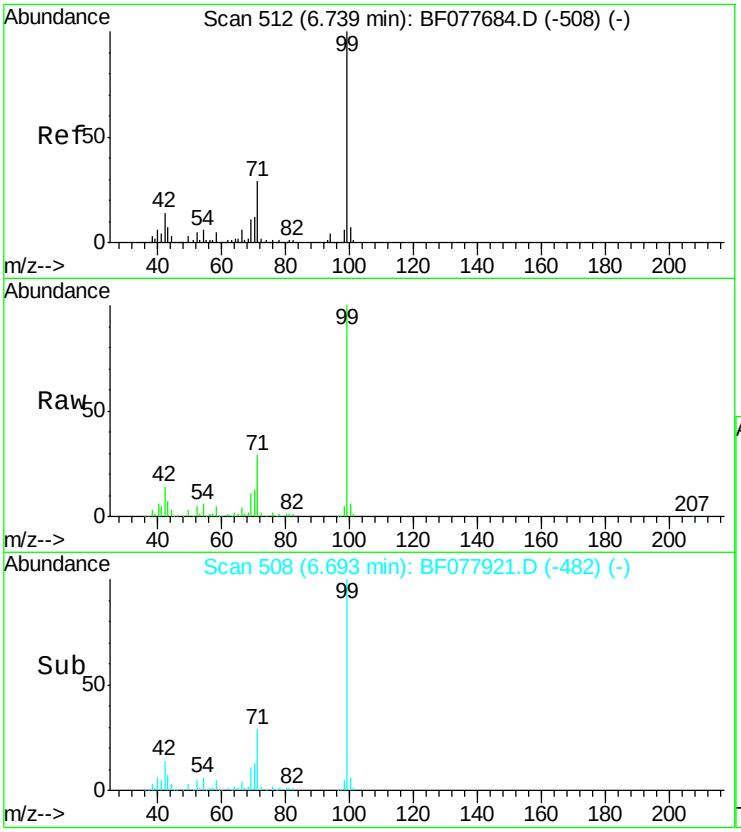


#5
2-Fluorophenol
Concen: 95.84 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Tgt Ion:112 Resp: 233408

Ion	Ratio	Lower	Upper
112	100		
64	52.8	38.6	57.8
63	26.0	19.3	28.9



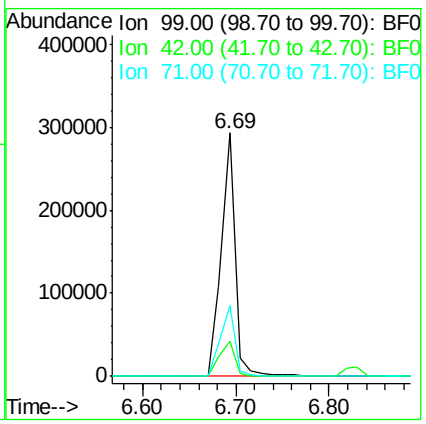


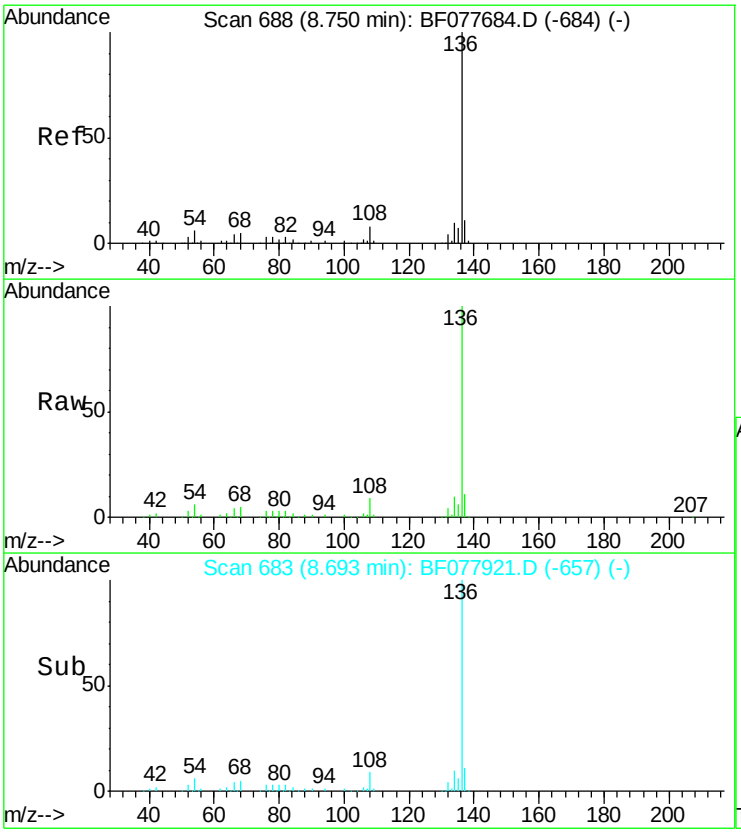
#7
Phenol-d6
Concen: 100.92 ng
RT: 6.69 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion: 99 Resp: 303660

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.4
71	29.2	23.4	35.2

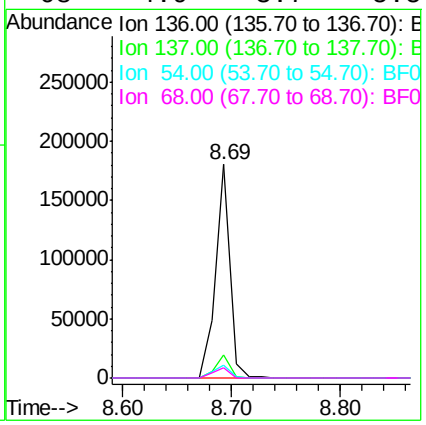


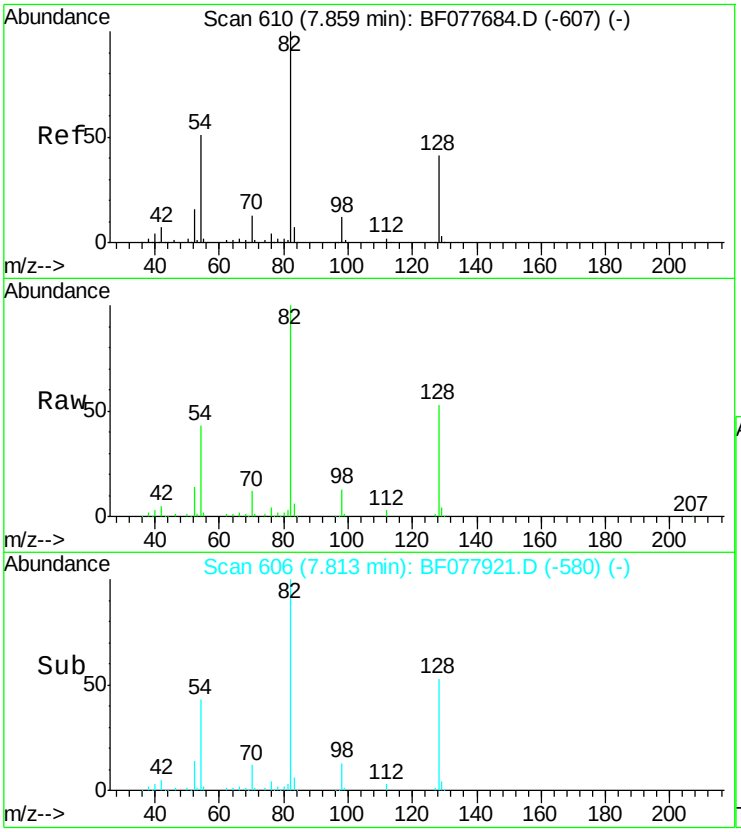


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Tgt Ion:136 Resp: 168125

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.8	4.6	6.8
68	4.9	3.7	5.5



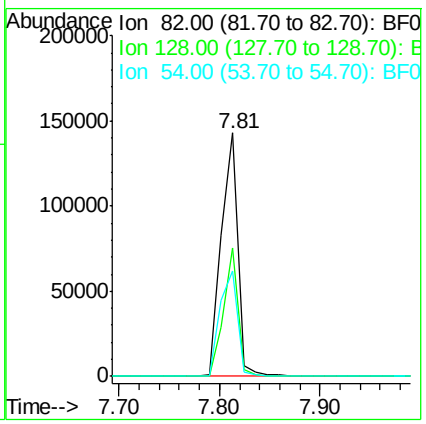


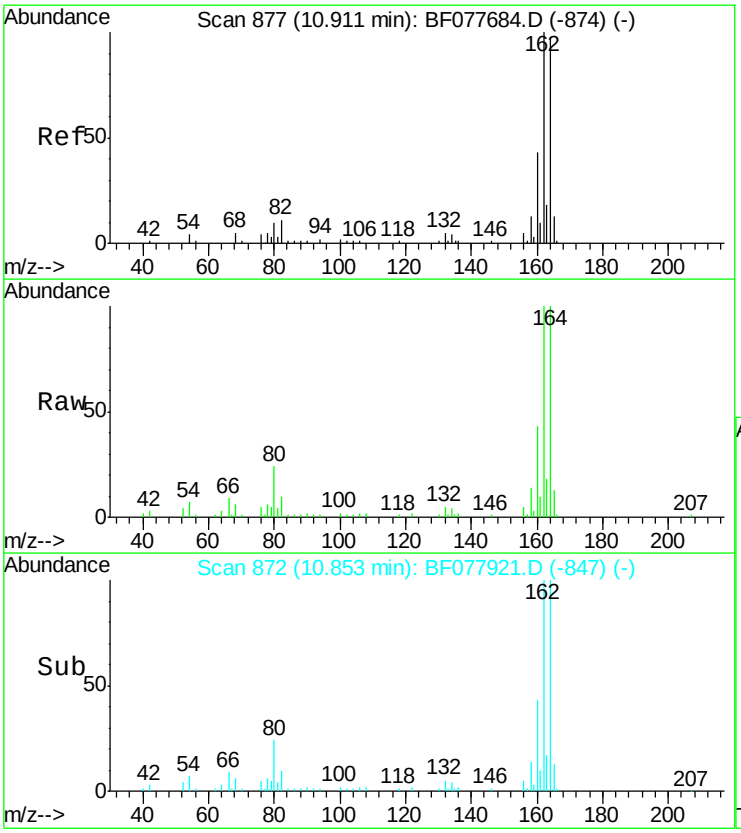
#23
Nitrobenzene-d5
Concen: 63.65 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion: 82 Resp: 163239

Ion	Ratio	Lower	Upper
82	100		
128	52.5	32.8	49.2#
54	43.2	40.6	60.8

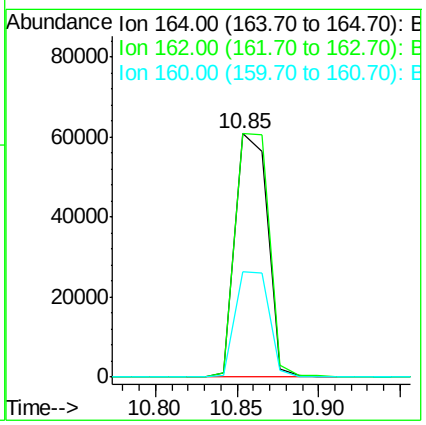


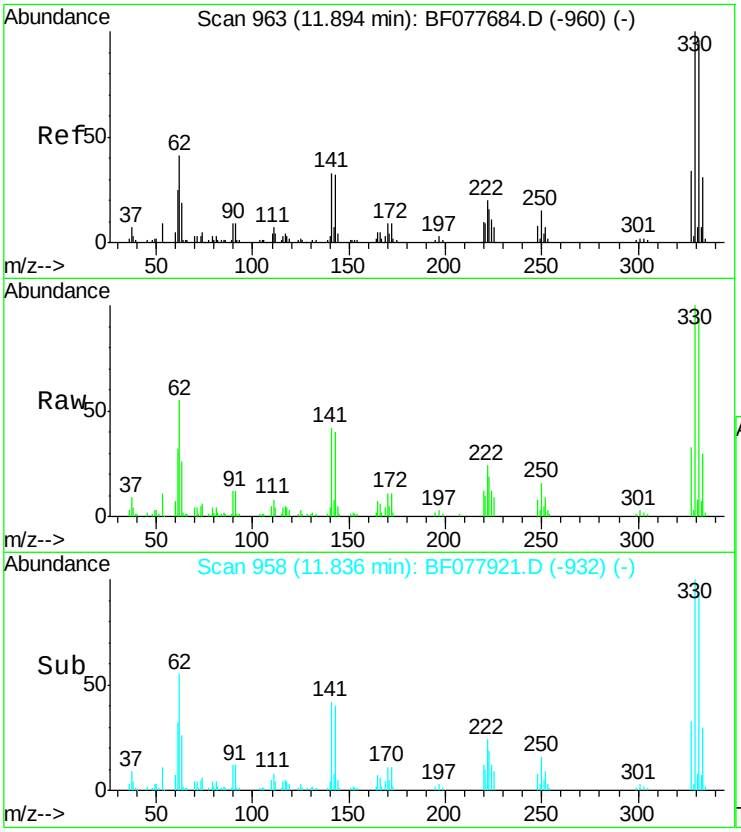


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.85 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Tgt Ion:164 Resp: 82770

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	43.4	35.8	53.6



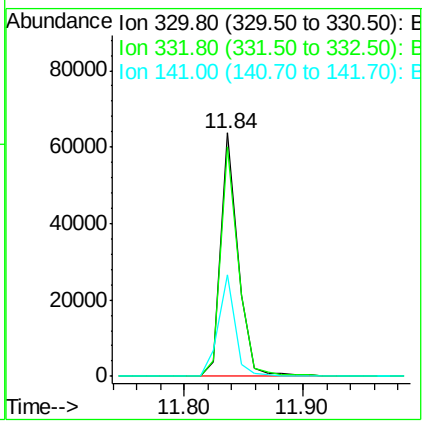


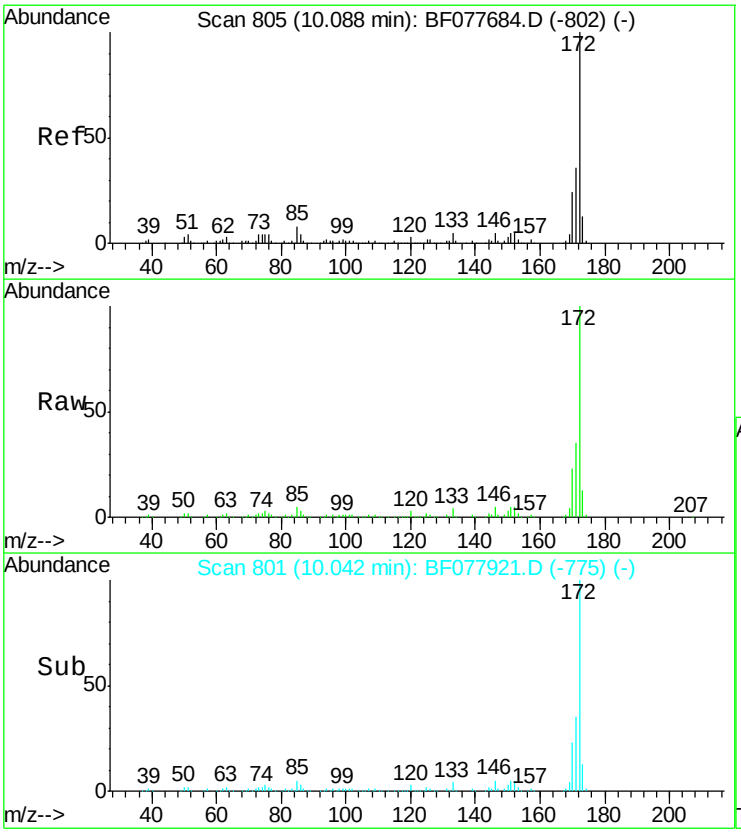
#41
2,4,6-Tribromophenol
Concen: 80.62 ng
RT: 11.84 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion:330 Resp: 63846

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.5	0.0	0.0#

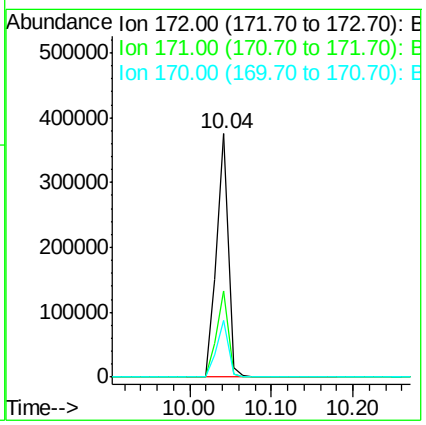


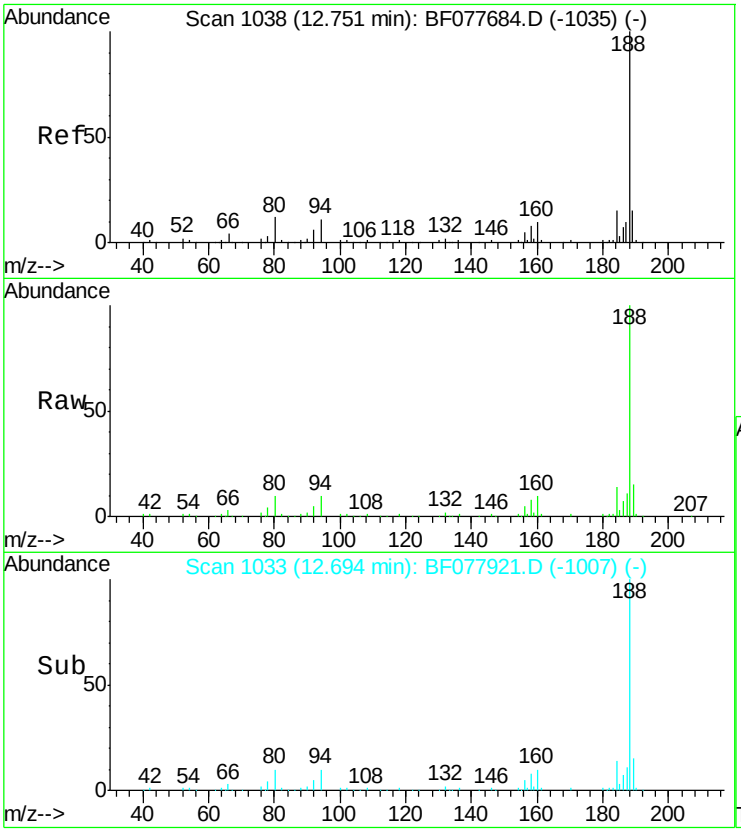


#44
2-Fluorobiphenyl
Concen: 66.93 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Tgt Ion:172 Resp: 376968

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	18.8	28.2



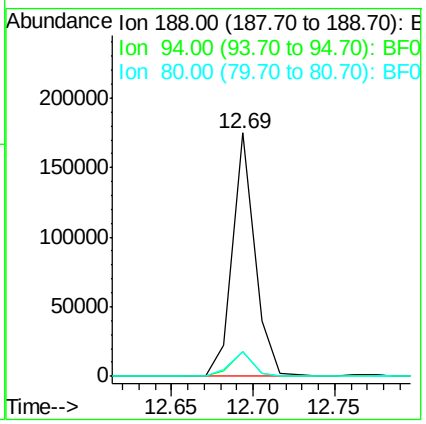


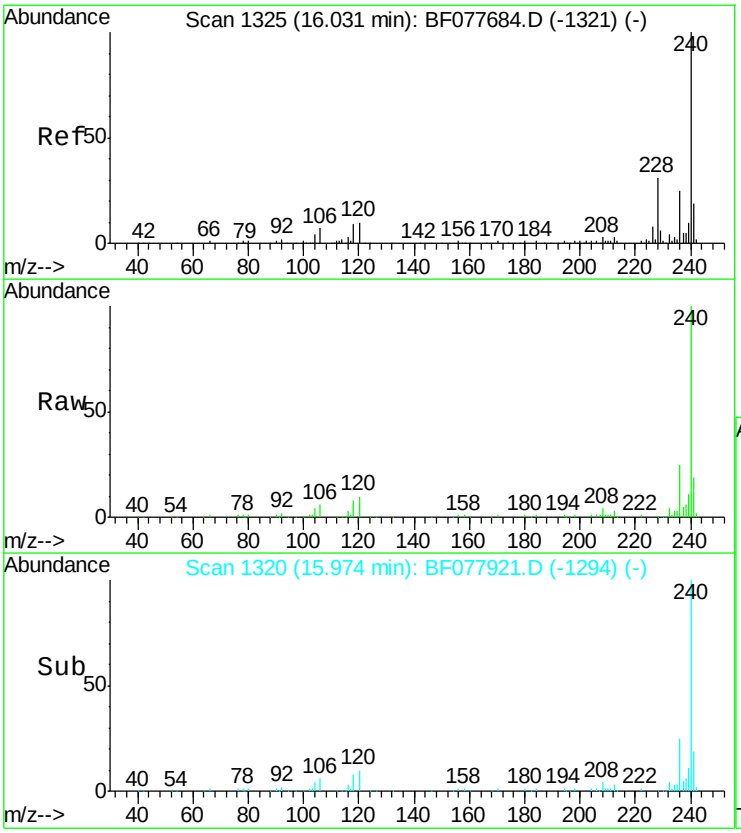
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion:188 Resp: 165187

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.7	13.1
80	10.3	9.3	13.9

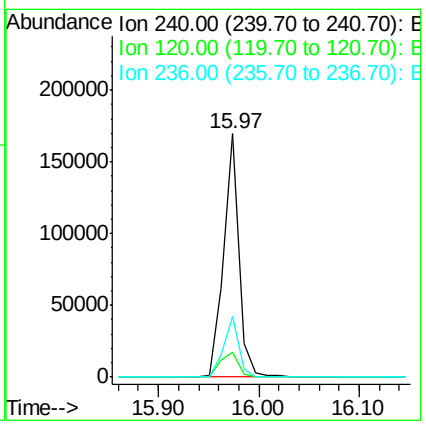


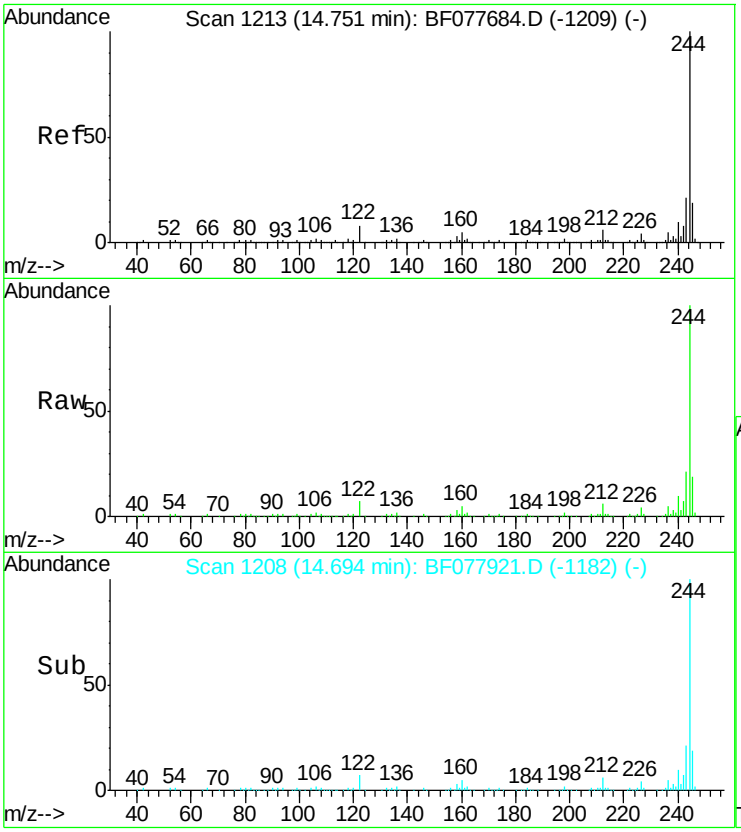


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Tgt Ion:240 Resp: 180014

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	24.6	20.0	30.0



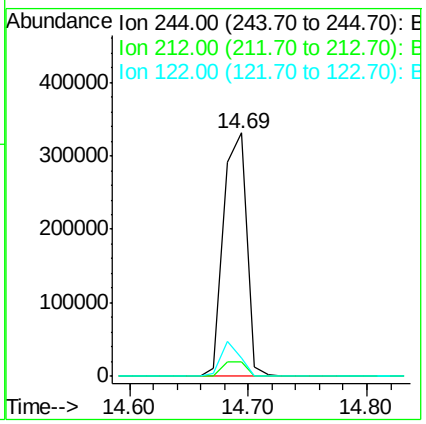


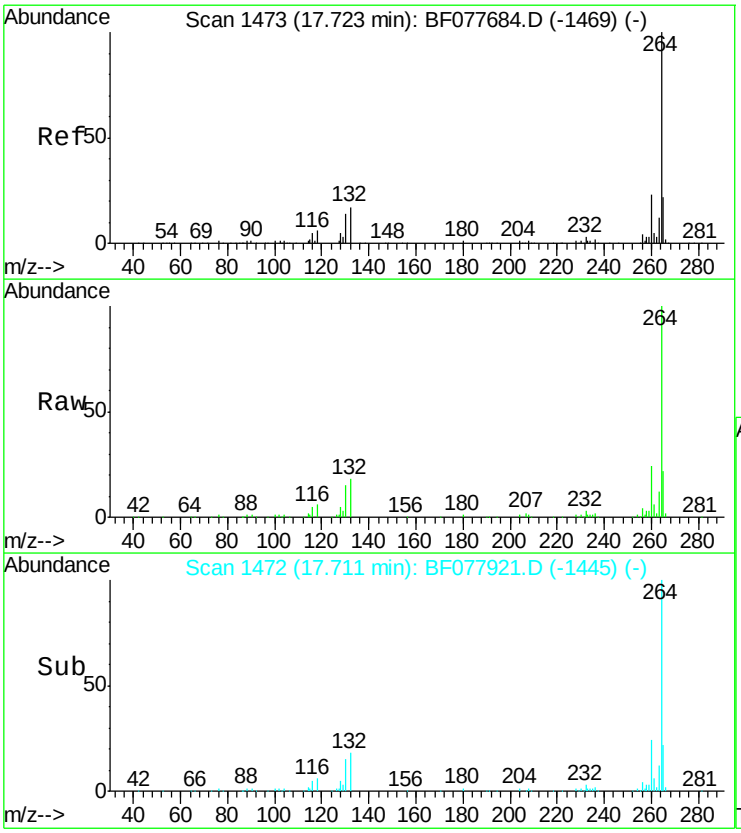
#78
Terphenyl-d14
Concen: 60.50 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion:244 Resp: 445873

Ion	Ratio	Lower	Upper
244	100		
212	5.9	4.9	7.3
122	7.5	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Tgt Ion:264 Resp: 167878

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.9	17.3	25.9