Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032315\
Data File : BF077905.D
Acq On : 23 Mar 2015 20:21
Operator : TP/IZ
Sample : G1613-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-8

Quant Time: Mar 24 03:49:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	41119	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	169395	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	82422	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	170654	20.00	ng	-0.01
75) Chrysene-d12	15.97	240	191390	20.00	ng	-0.03
86) Perylene-d12	17.71	264	185335	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	179316	76.12	ng	0.00
7) Phenol-d6	6.69	99	247809	85.14	ng	0.00
23) Nitrobenzene-d5	7.81	82	127923	49.50	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	61589	78.10	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	299912	53.48	ng	0.00
78) Terphenyl-d14	14.69	244	383400	48.93	ng	0.00
Target Compounds						Qvalue

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

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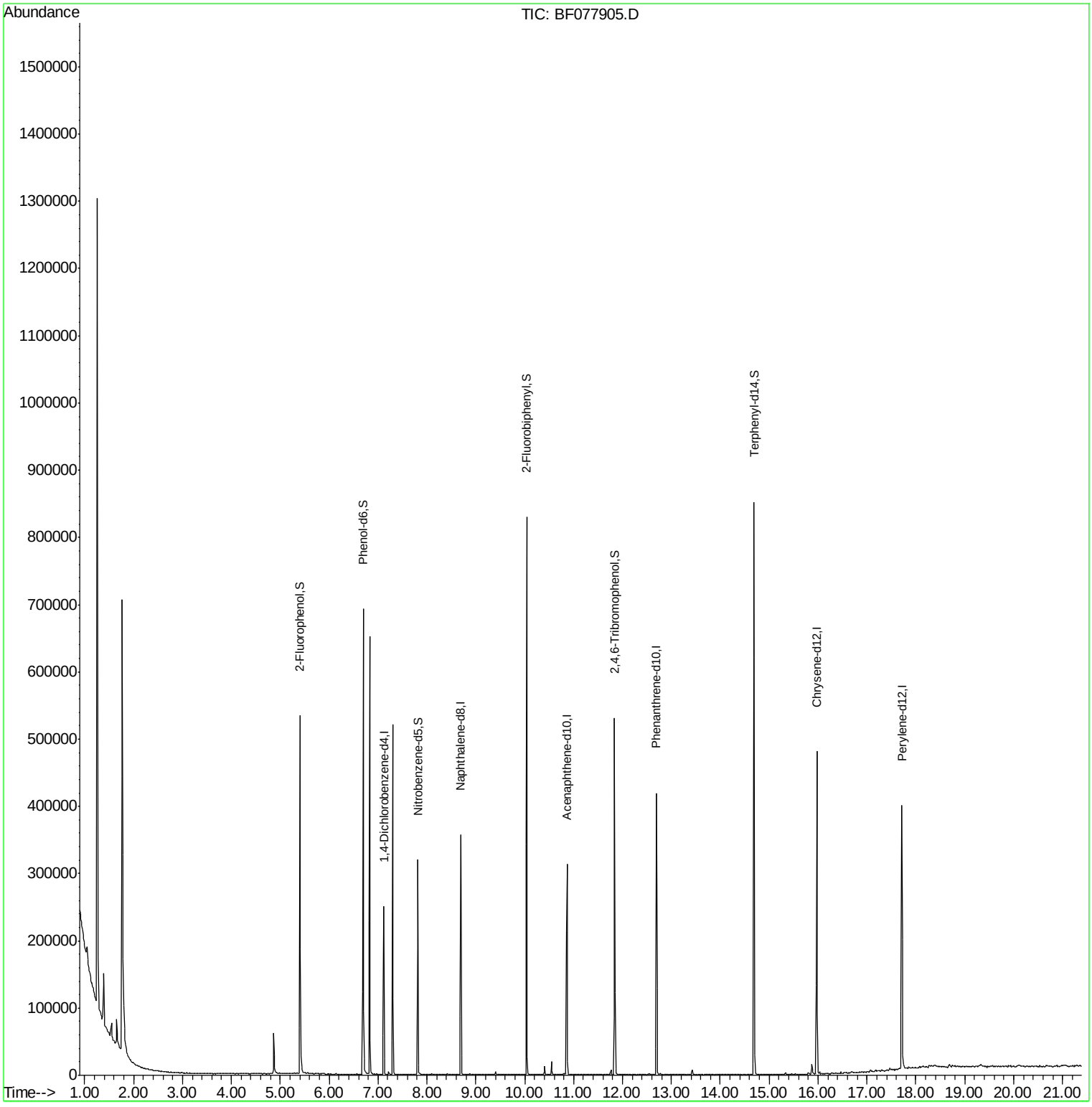
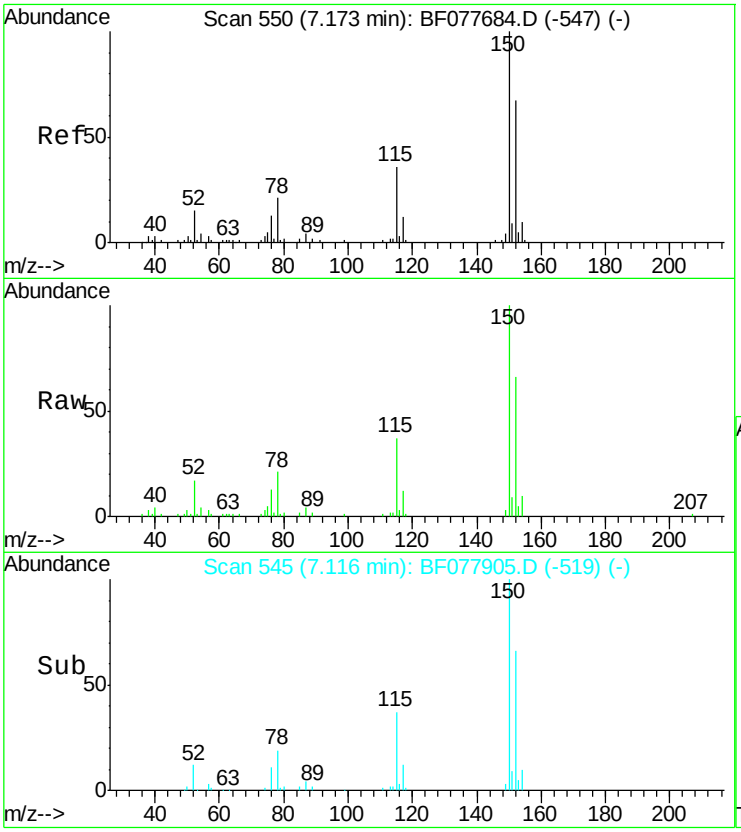


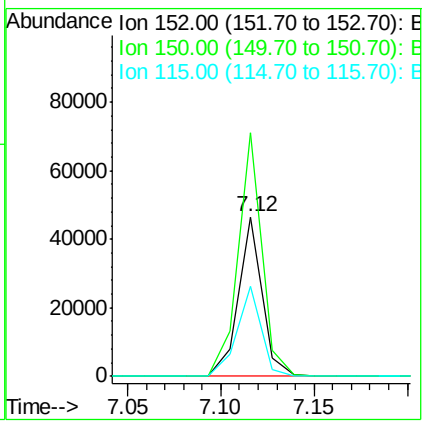


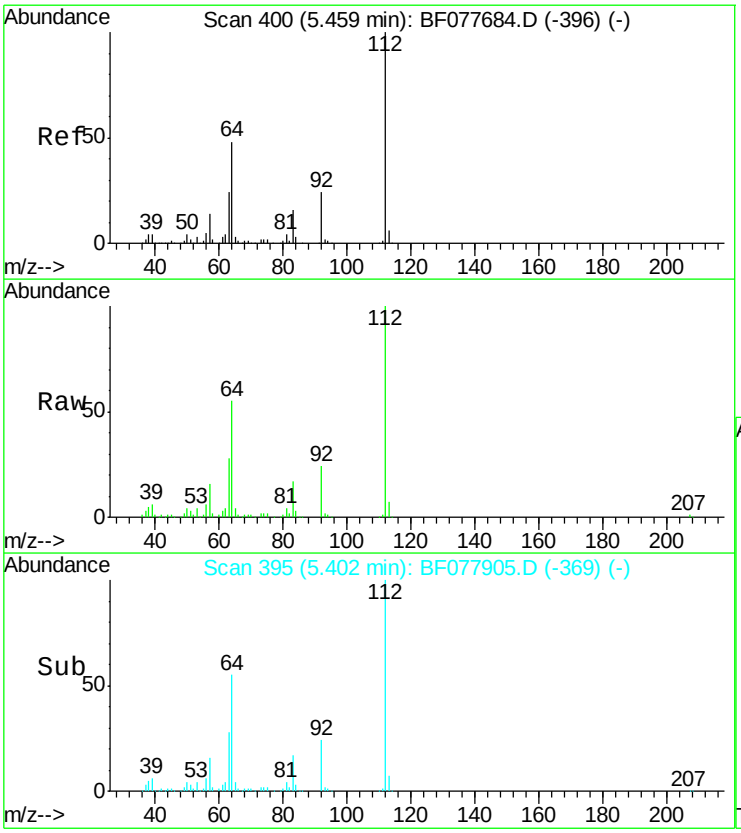
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:152 Resp: 41119

Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	56.3	43.0	64.4

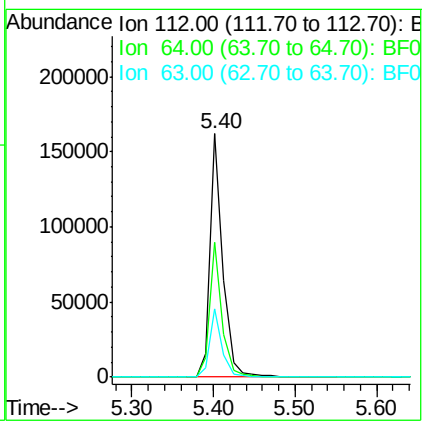


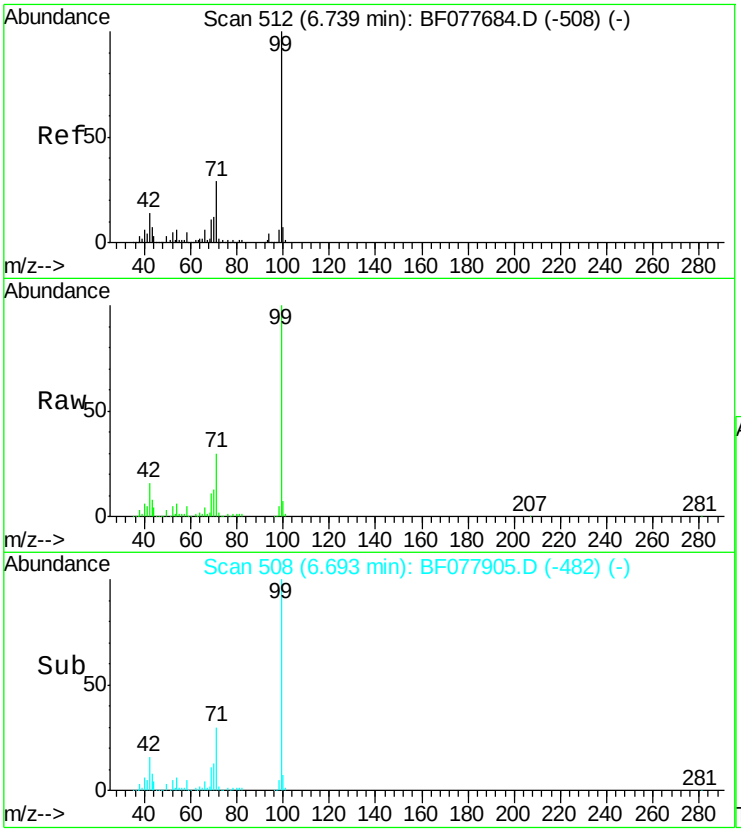


#5
2-Fluorophenol
Concen: 76.12 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Tgt Ion:112 Resp: 179316

Ion	Ratio	Lower	Upper
112	100		
64	55.1	38.6	57.8
63	27.9	19.3	28.9



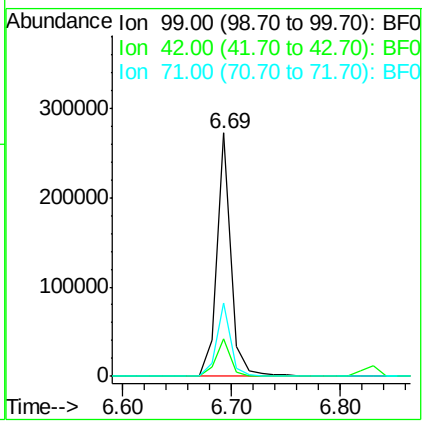


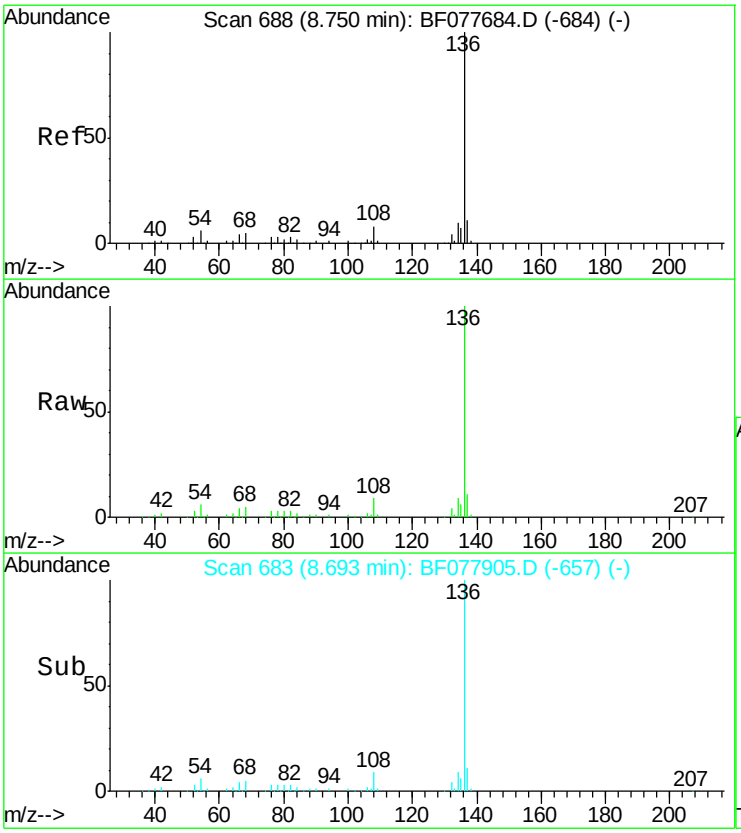
#7
Phenol-d6
Concen: 85.14 ng
RT: 6.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion: 99 Resp: 247809

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.0	16.4
71	30.1	23.4	35.2

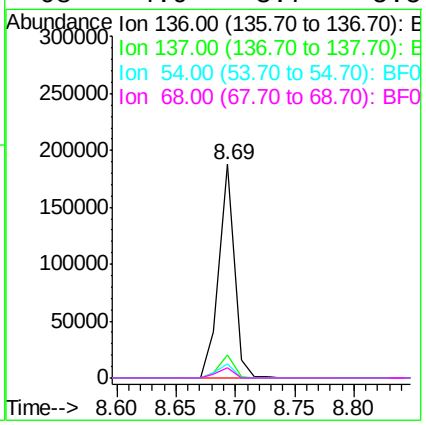


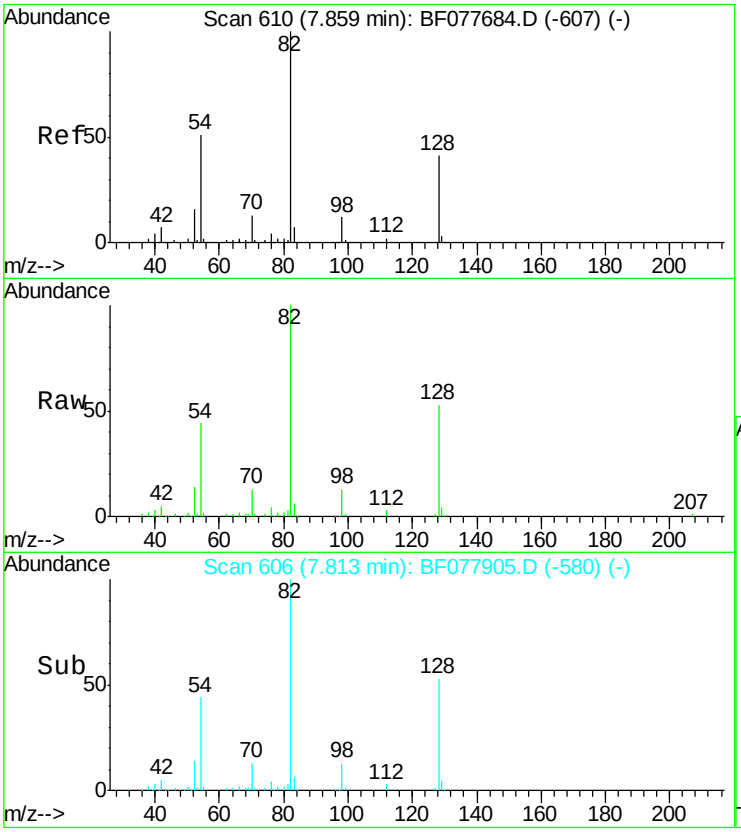


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Tgt Ion:136 Resp: 169395

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.4	4.6	6.8
68	4.9	3.7	5.5



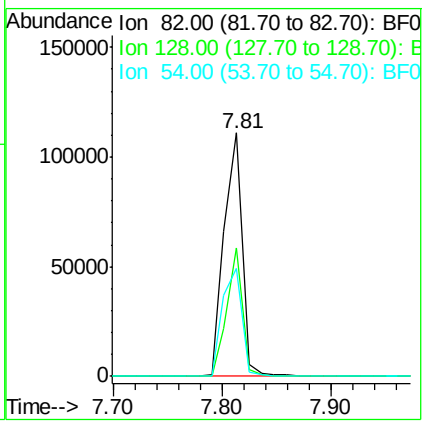


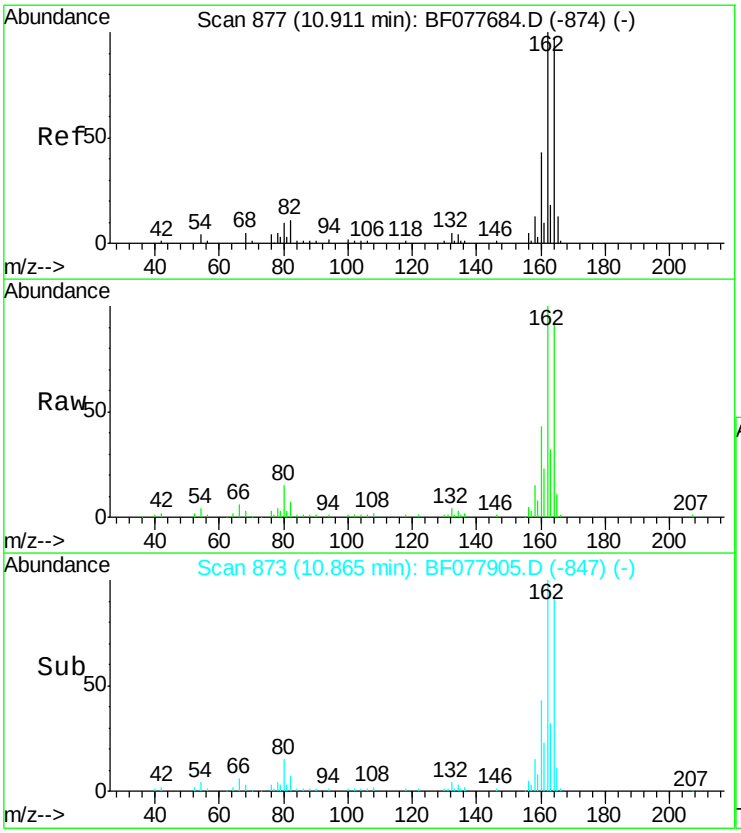
#23
Nitrobenzene-d5
Concen: 49.50 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion: 82 Resp: 127923

Ion	Ratio	Lower	Upper
82	100		
128	52.9	32.8	49.2#
54	44.4	40.6	60.8

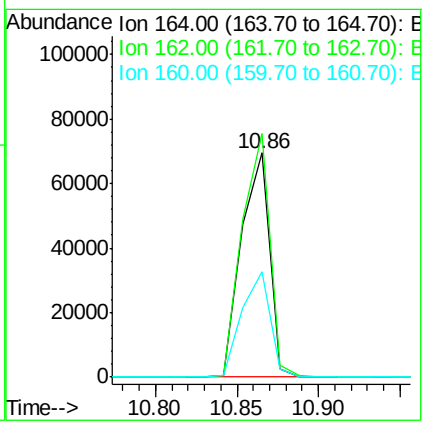


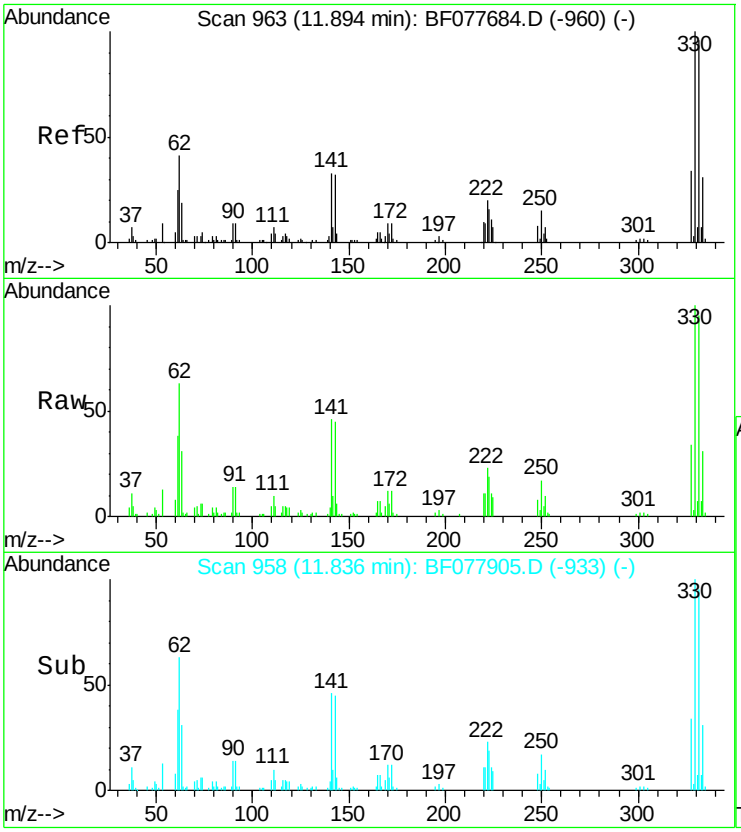


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Tgt Ion:164 Resp: 82422

Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.4	123.6
160	46.9	35.8	53.6



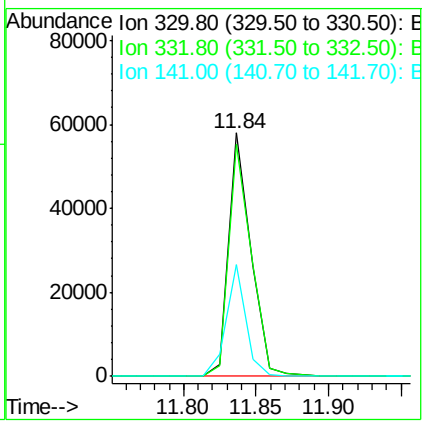


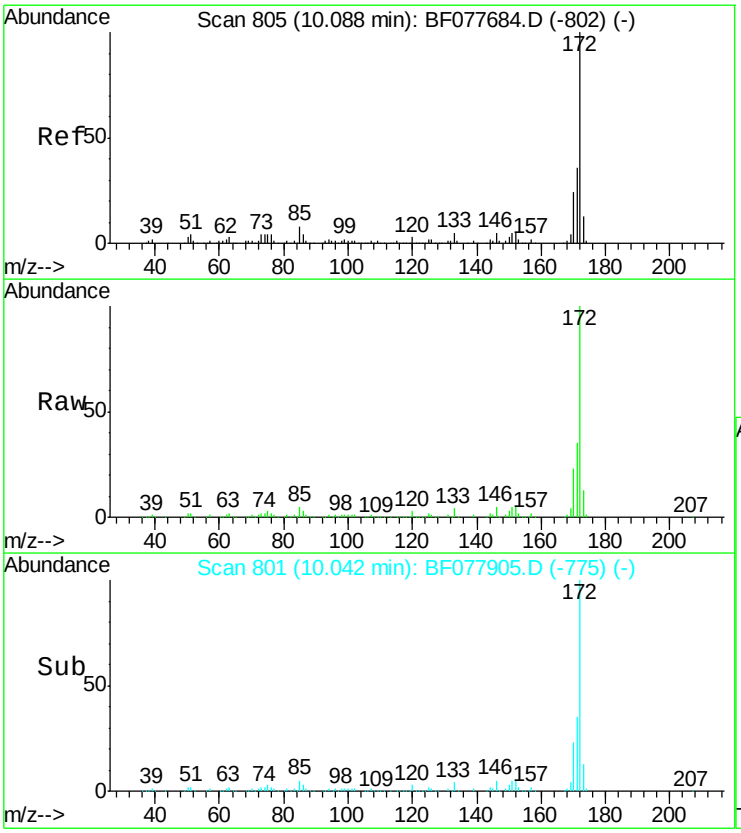
#41
2,4,6-Tribromophenol
Concen: 78.10 ng
RT: 11.84 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:330 Resp: 61589

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	40.6	0.0	0.0#

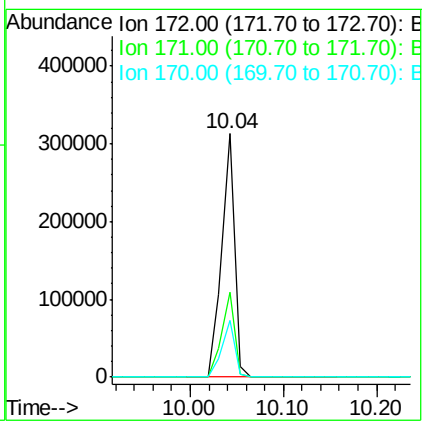


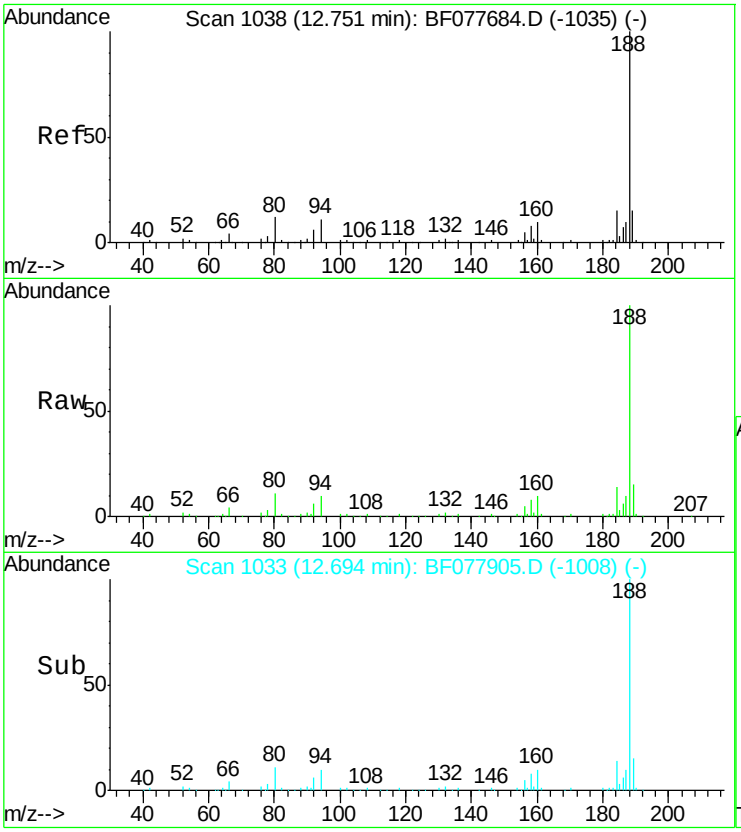


#44
2-Fluorobiphenyl
Concen: 53.48 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Tgt Ion:172 Resp: 299912

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.3	18.8	28.2



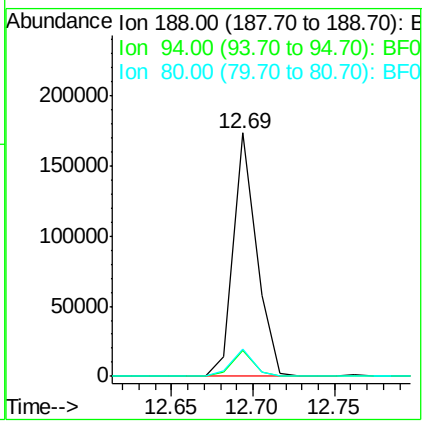


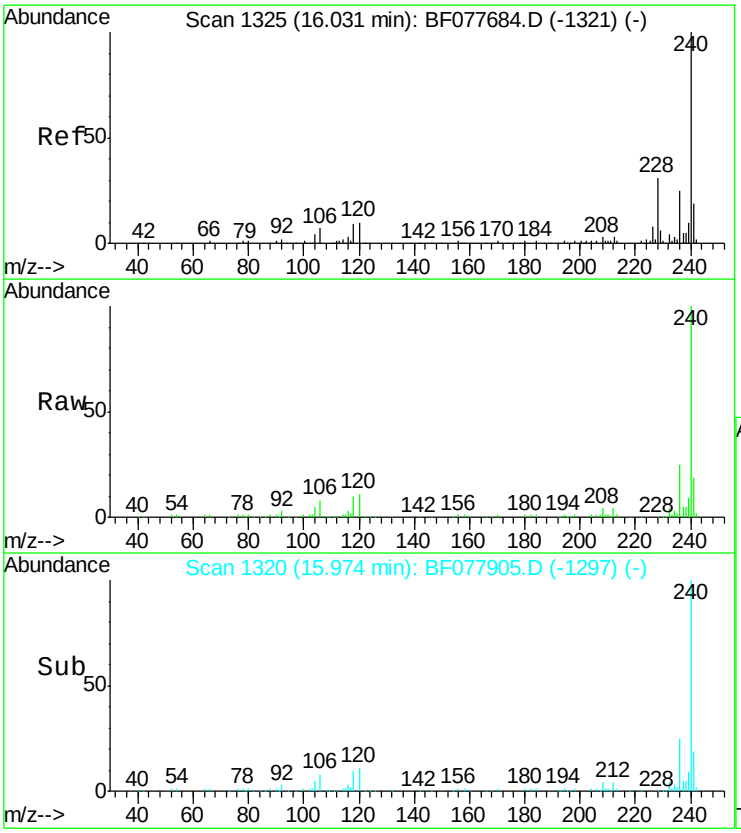
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:188 Resp: 170654

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.7	13.1
80	11.2	9.3	13.9

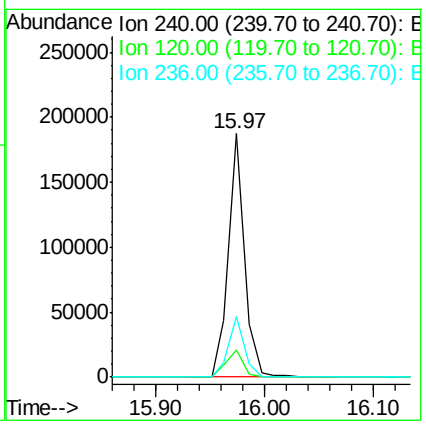


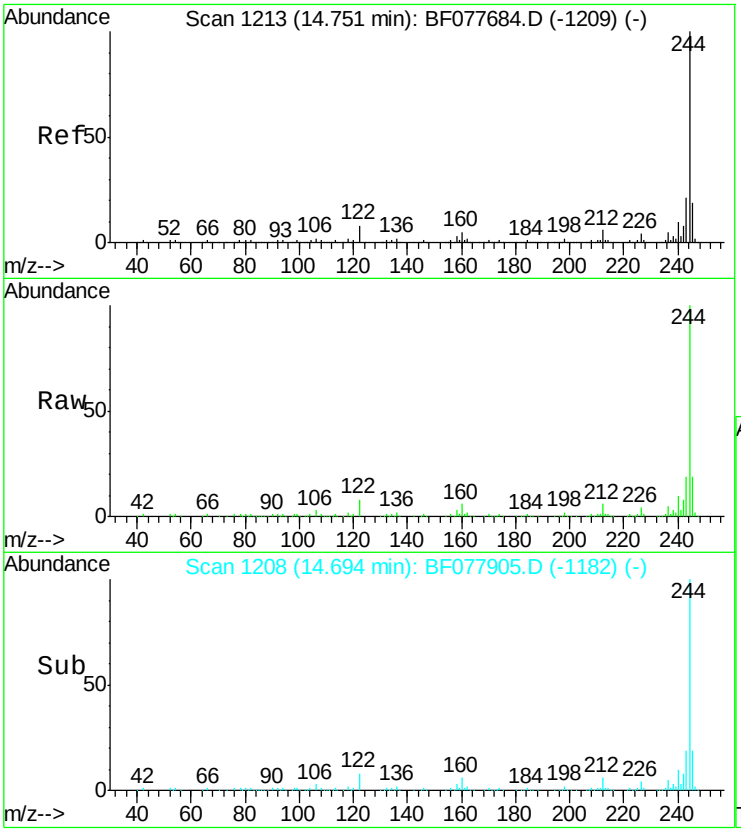


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Tgt Ion:240 Resp: 191390

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	25.0	20.0	30.0



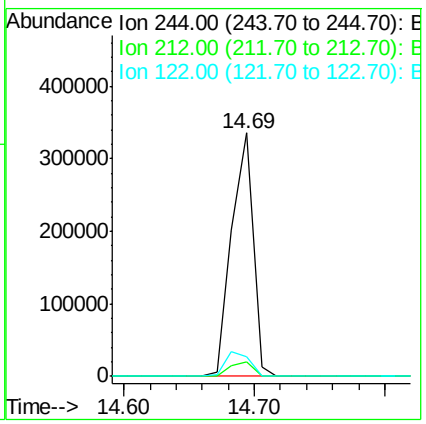


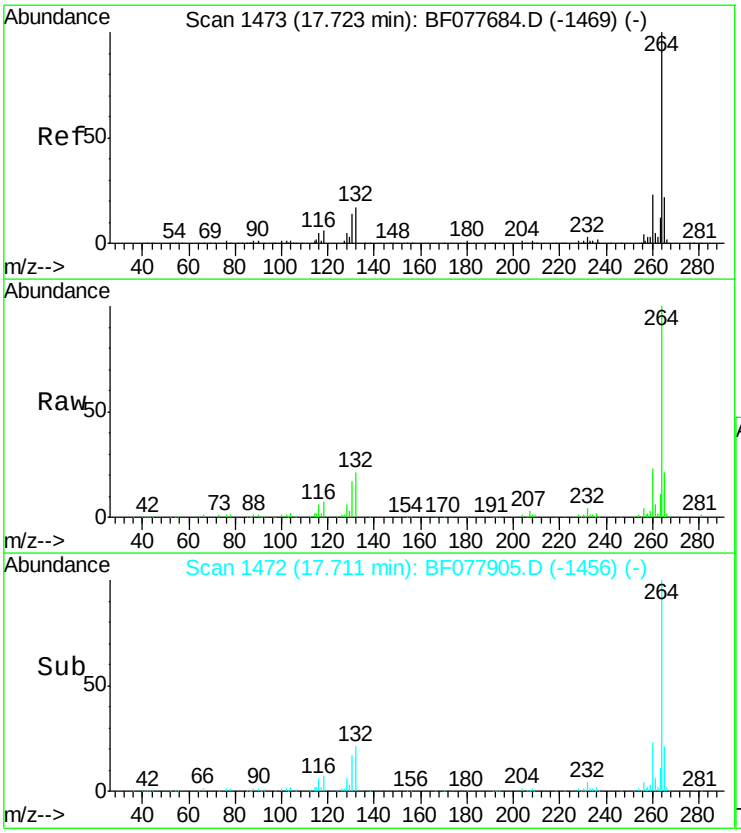
#78
Terphenyl-d14
Concen: 48.93 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:244 Resp: 383400

Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	8.3	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.11 min
Lab File: BF077905.D
Acq: 23 Mar 2015 20:21

Tgt Ion:264 Resp: 185335

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.3	17.3	25.9