Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075504.D
Acq On : 14 Nov 2014 20:05
Operator : TP / JJ
Sample : PB80327TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80327TB

Quant Time: Nov 14 23:24:57 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87015	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	384496	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	197689	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	328593	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	363678	20.00	ng	-0.08
86) Perylene-d12	18.21	264	378569	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	388513	78.88	ng	-0.02
7) Phenol-d6	7.09	99	466750	78.80	ng	-0.02
23) Nitrobenzene-d5	8.24	82	265658	50.66	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	108244	65.37	ng	-0.02
44) 2-Fluorobiphenyl	10.47	172	504407	46.11	ng	-0.02
78) Terphenyl-d14	15.16	244	558954	41.38	ng	-0.03
Target Compounds						Qvalue

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

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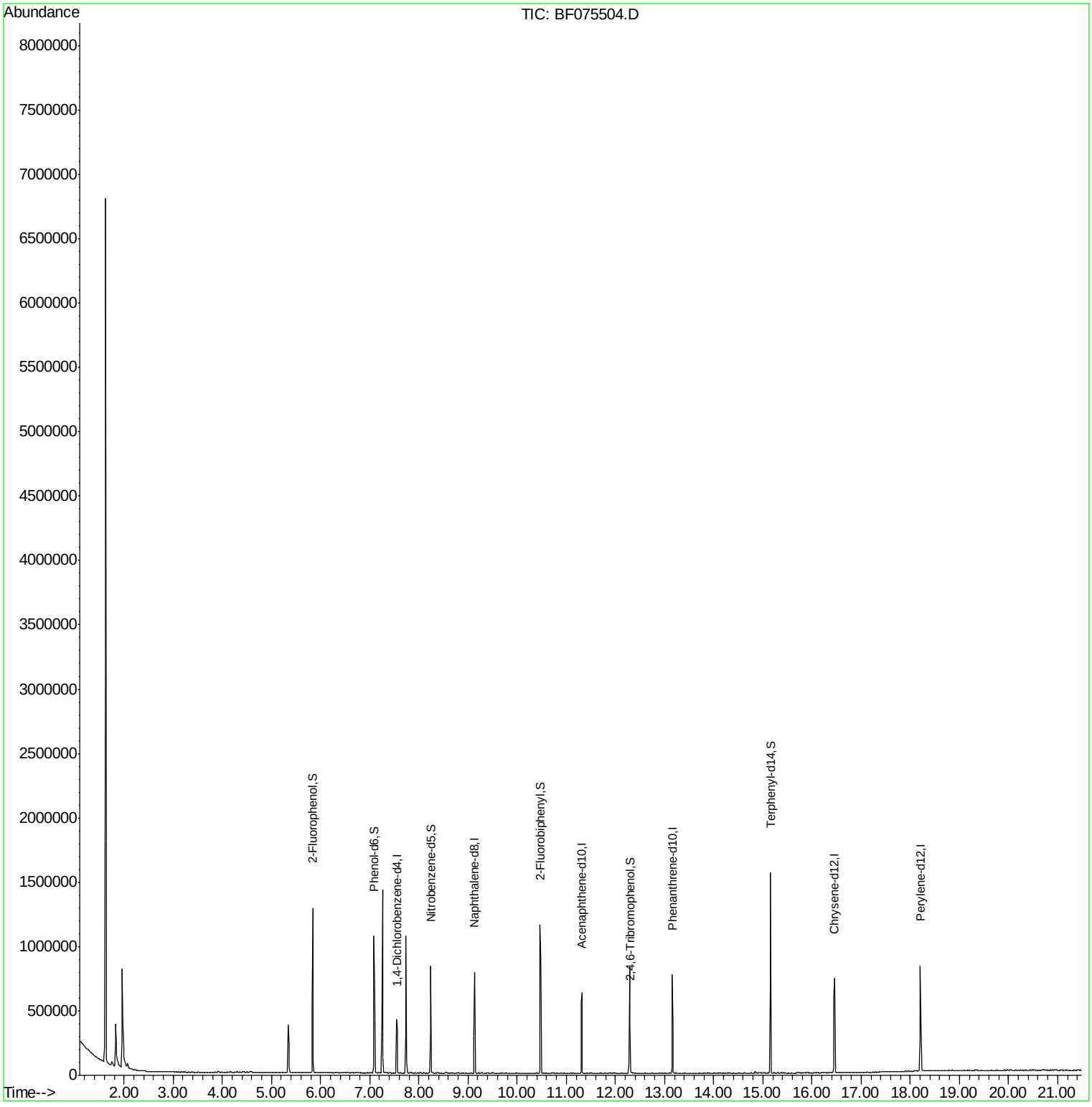
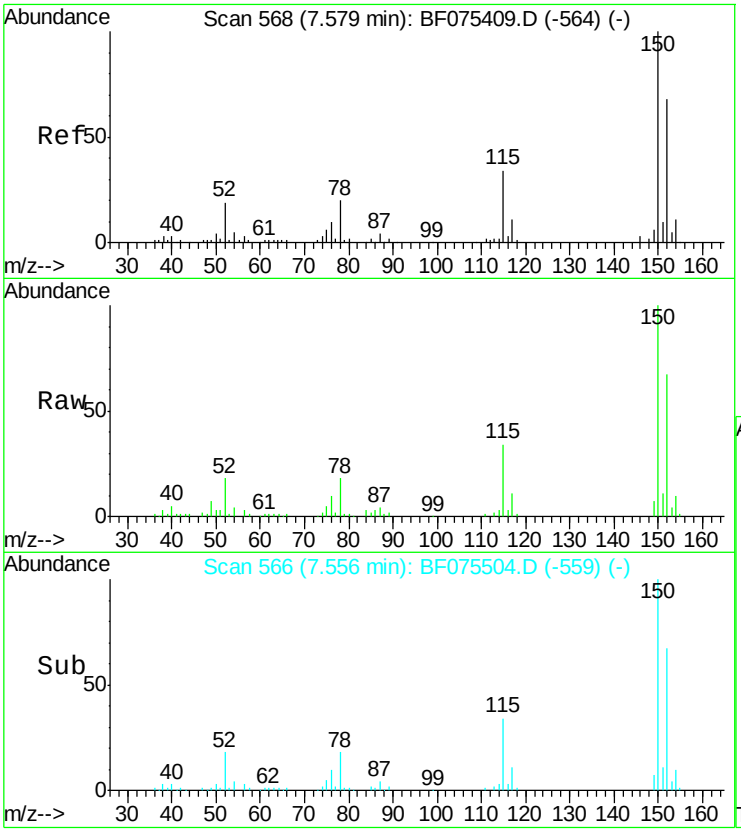


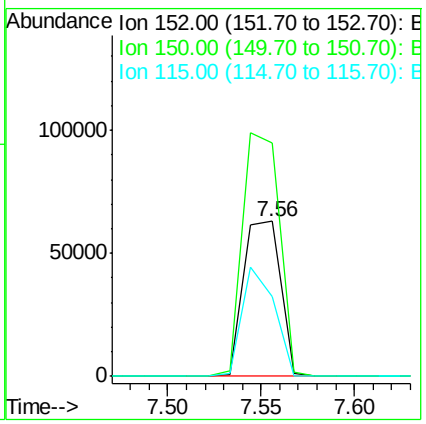


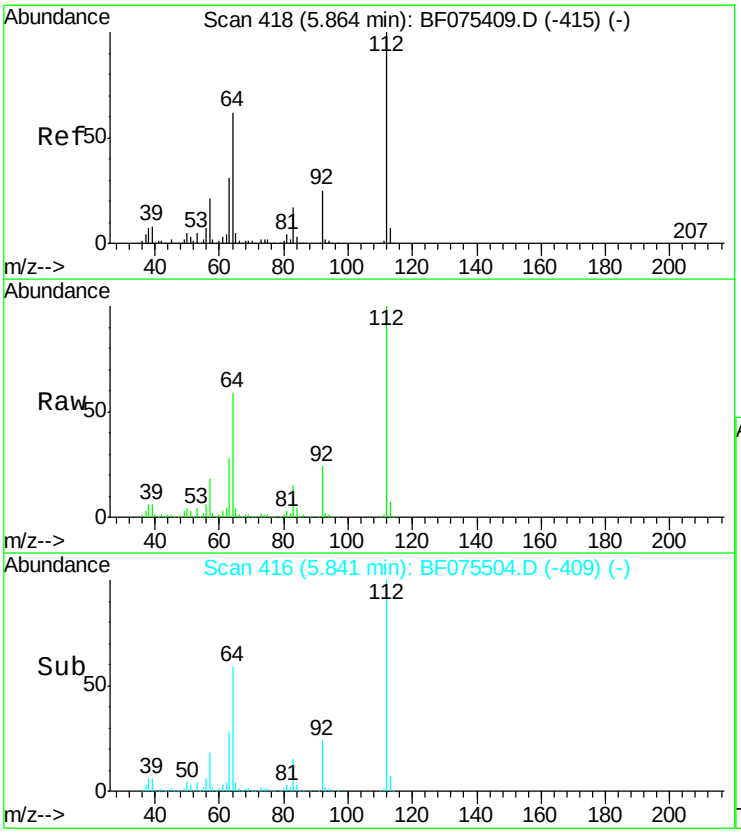
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Instrument :
BNA_F
ClientSampleId :
PB80327TB

Tgt Ion:152 Resp: 87015

Ion	Ratio	Lower	Upper
152	100		
150	150.3	127.2	190.8
115	51.1	57.1	85.7#

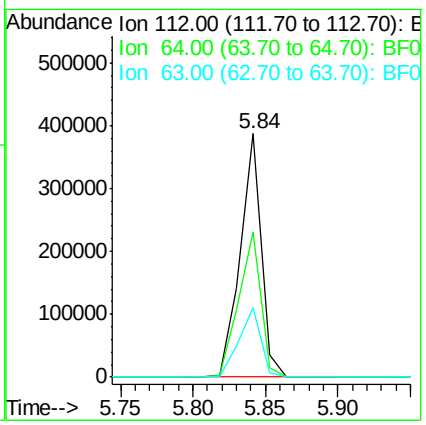


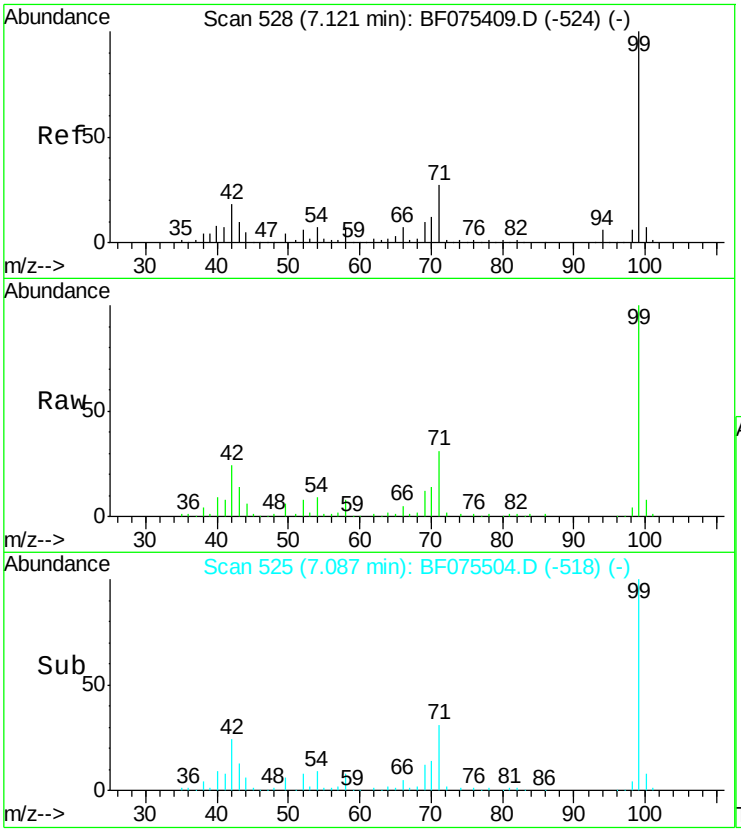


#5
2-Fluorophenol
Concen: 78.88 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Tgt Ion:112 Resp: 388513

Ion	Ratio	Lower	Upper
112	100		
64	59.5	45.8	68.6
63	28.4	22.7	34.1



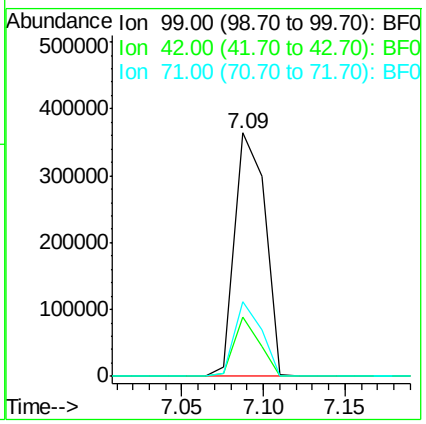


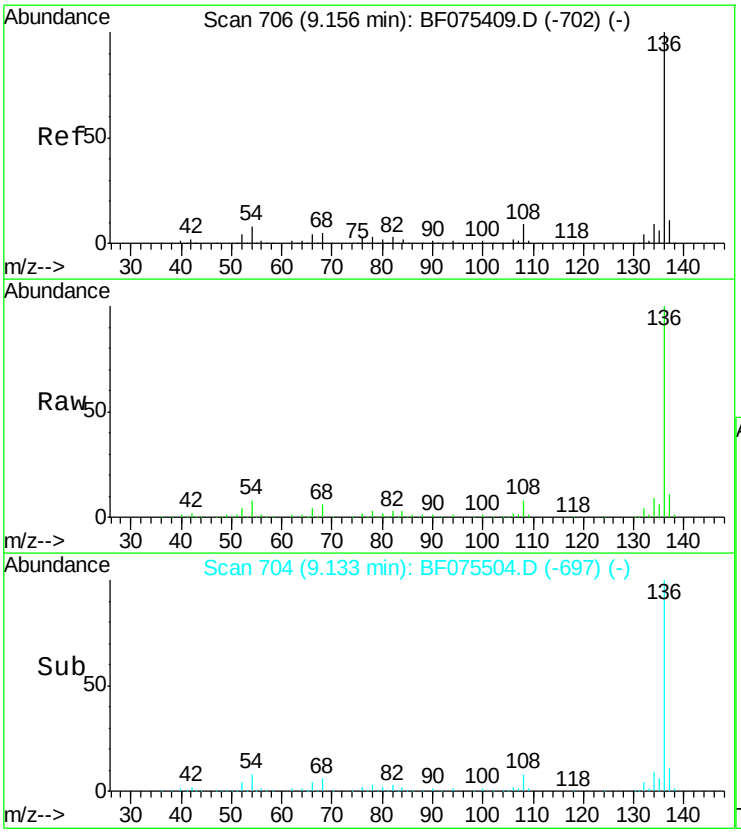
#7
Phenol-d6
Concen: 78.80 ng
RT: 7.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Instrument :
BNA_F
ClientSampleId :
PB80327TB

Tgt Ion: 99 Resp: 466750

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	30.6	25.5	38.3

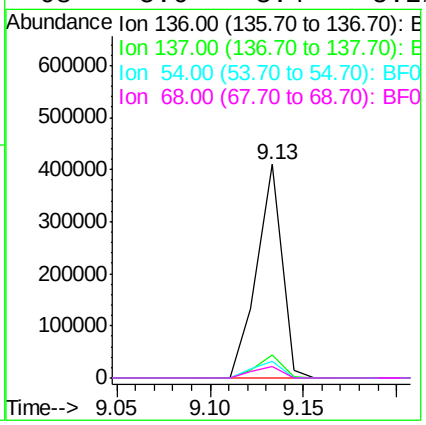


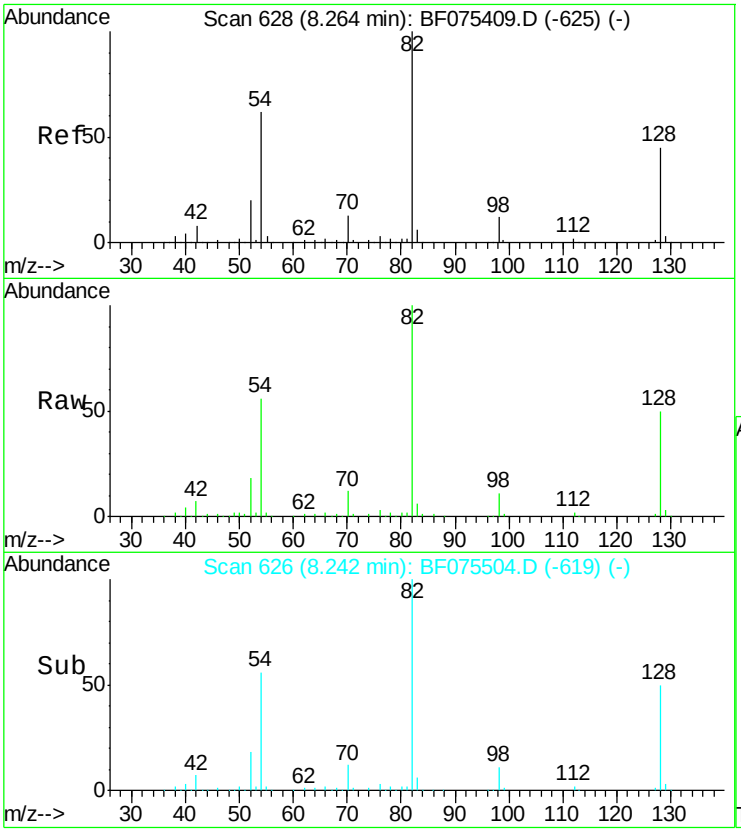


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Tgt Ion:136 Resp: 384496

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	7.9	6.2	9.4
68	5.6	3.4	5.2#



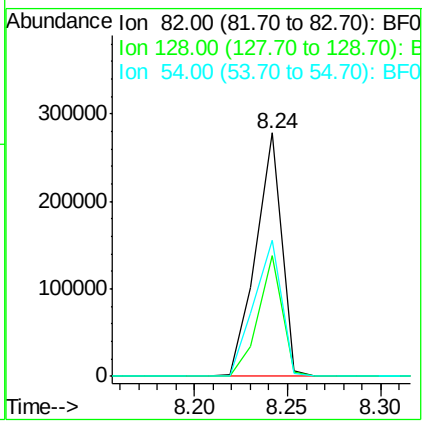


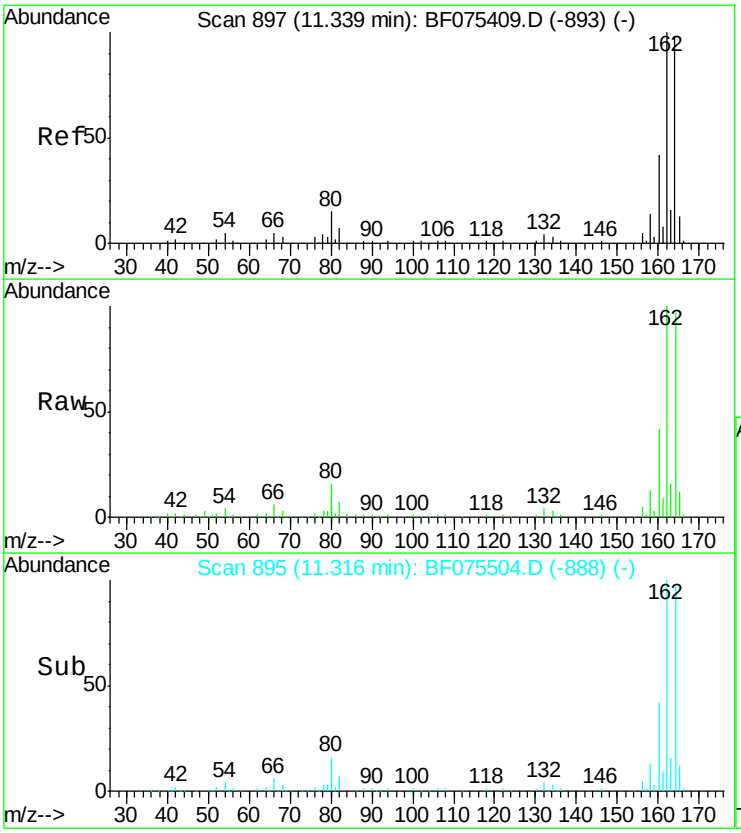
#23
Nitrobenzene-d5
Concen: 50.66 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Instrument :
BNA_F
ClientSampleId :
PB80327TB

Tgt Ion: 82 Resp: 265658

Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.8	56.6
54	55.9	49.8	74.8

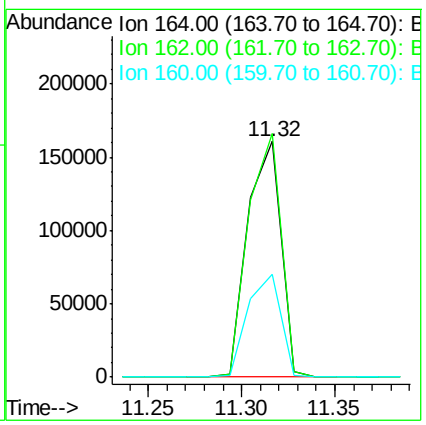


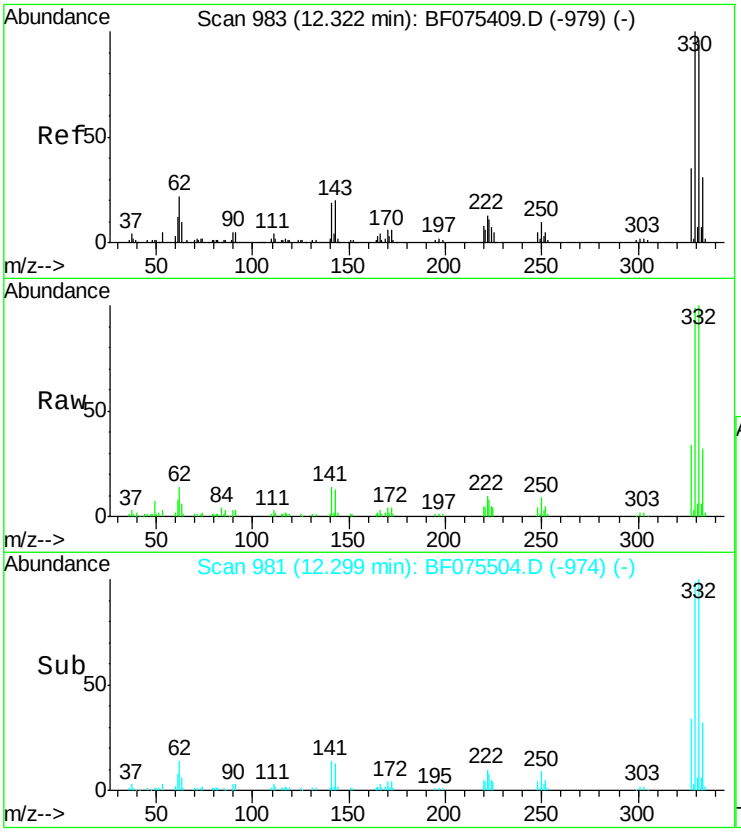


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Tgt Ion:164 Resp: 197689

Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.1	118.7
160	43.9	34.6	51.8



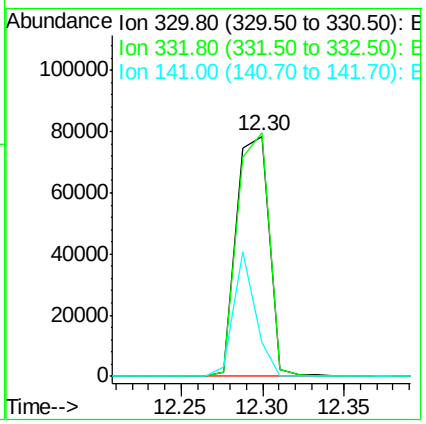


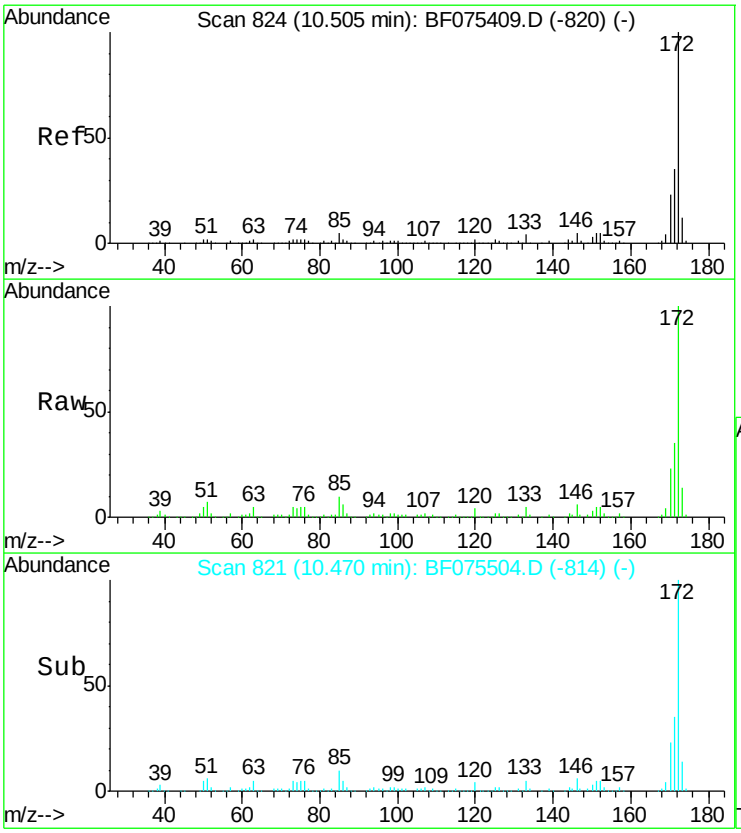
#41
2,4,6-Tribromophenol
Concen: 65.37 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Instrument :
BNA_F
ClientSampleId :
PB80327TB

Tgt Ion:330 Resp: 108244

Ion	Ratio	Lower	Upper
330	100		
332	98.4	74.5	111.7
141	34.8	30.7	46.1

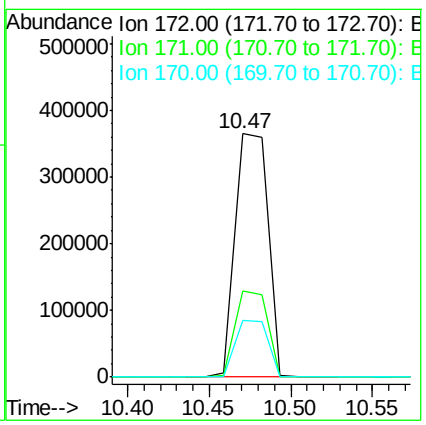


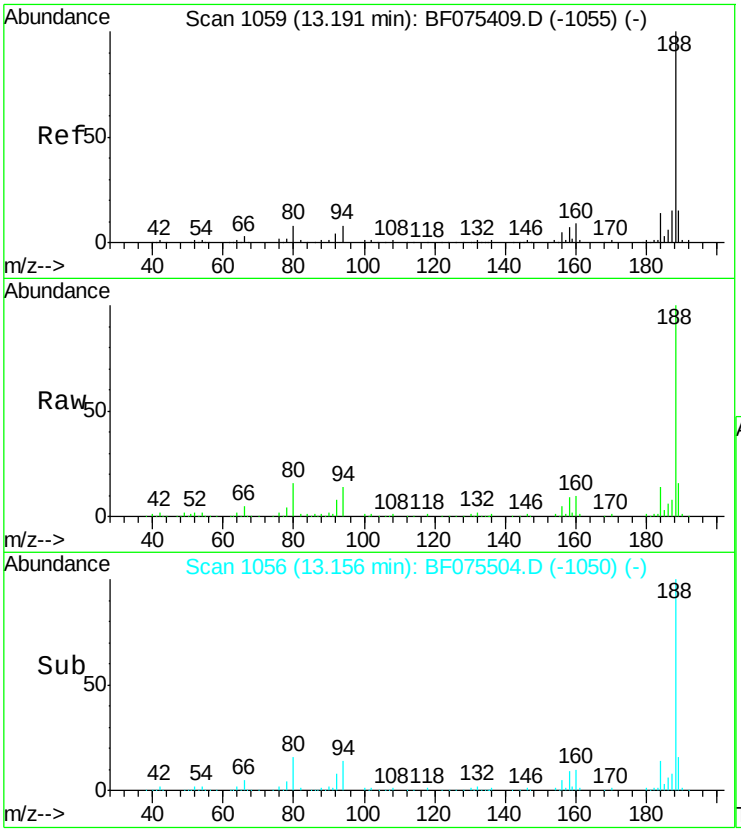


#44
2-Fluorobiphenyl
Concen: 46.11 ng
RT: 10.47 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Tgt Ion:172 Resp: 504407

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.1	18.4	27.6



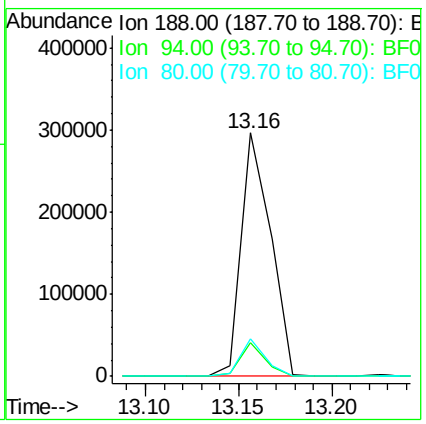


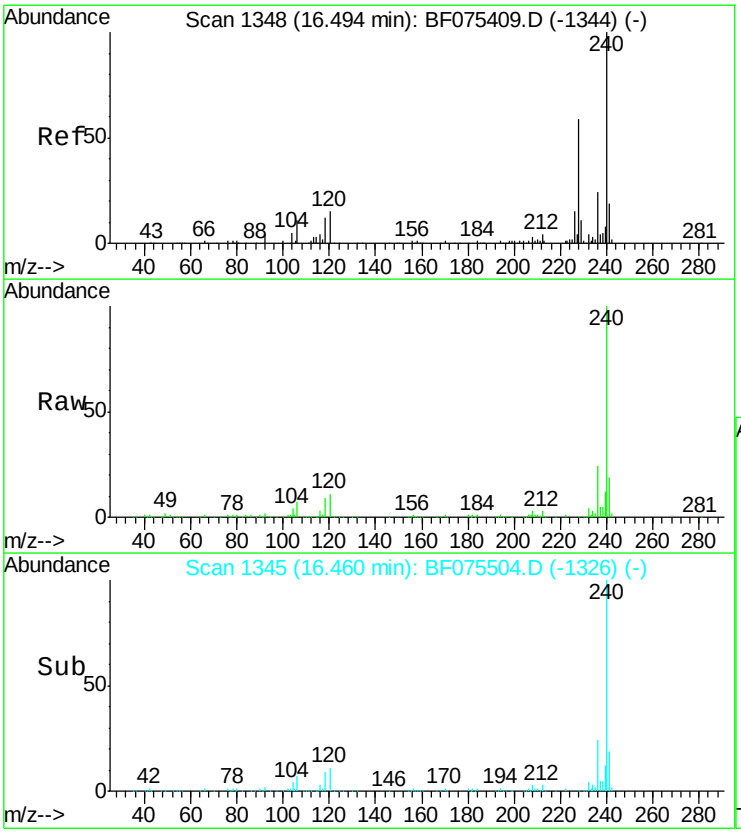
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Instrument :
BNA_F
ClientSampleId :
PB80327TB

Tgt Ion:188 Resp: 328593

Ion	Ratio	Lower	Upper
188	100		
94	14.0	7.8	11.6#
80	15.6	8.0	12.0#

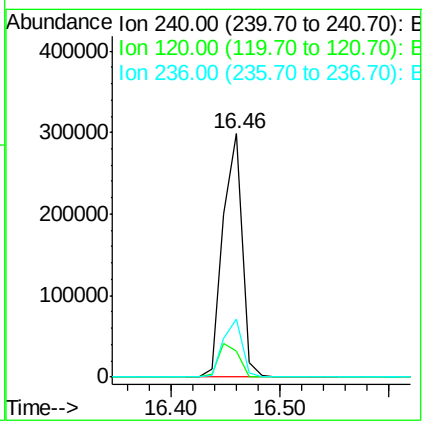


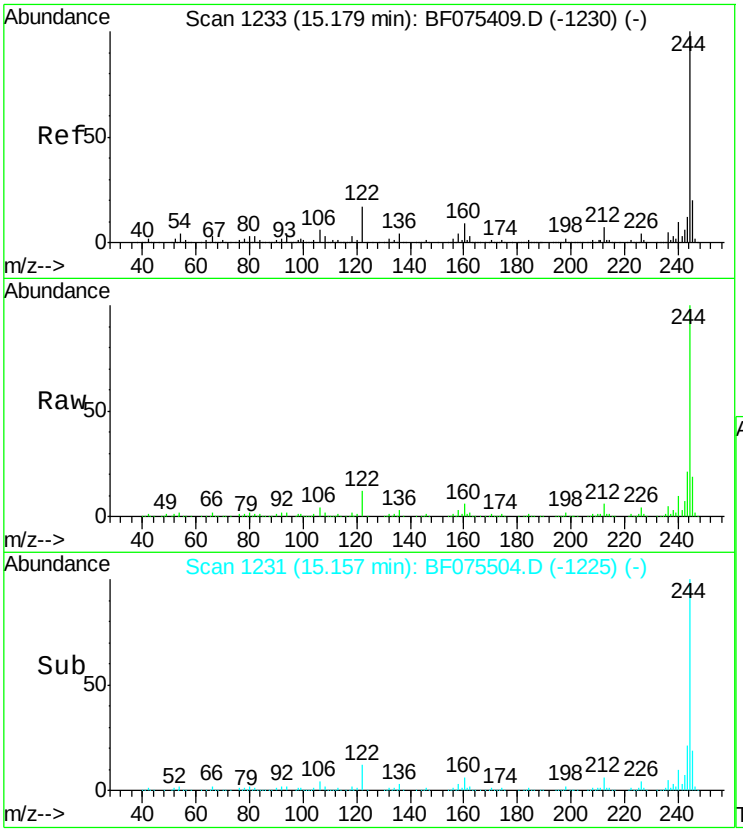


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Tgt Ion:240 Resp: 363678

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.6	14.4
236	24.0	18.9	28.3



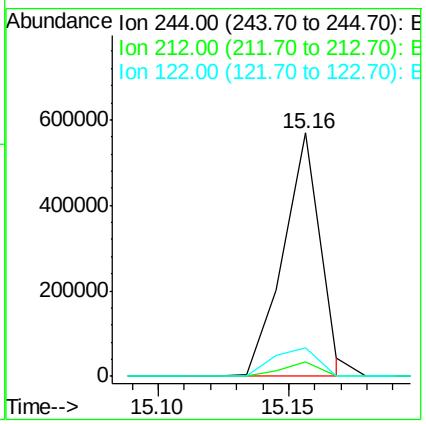


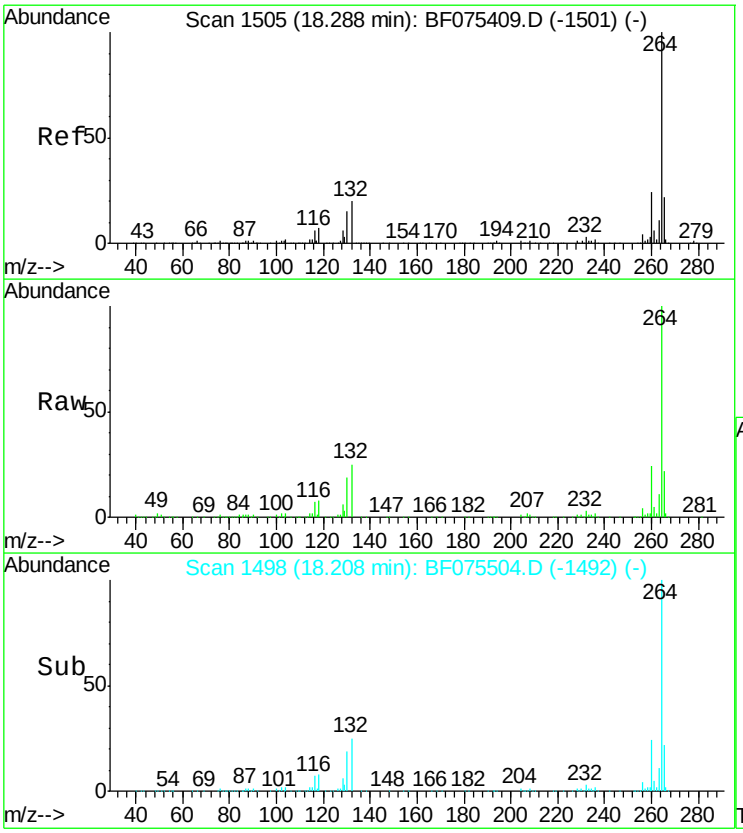
#78
Terphenyl-d14
Concen: 41.38 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Instrument :
BNA_F
ClientSampleId :
PB80327TB

Tgt Ion:244 Resp: 558954

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.5	8.3
122	11.8	9.7	14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.23 min
Lab File: BF075504.D
Acq: 14 Nov 2014 20:05

Tgt Ion:264 Resp: 378569

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	21.8	16.3	24.5