Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075507.D
Acq On : 14 Nov 2014 21:30
Operator : TP / JJ
Sample : PB80238BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80238BL

Quant Time: Nov 17 10:24:20 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	46309	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	196032	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	96180	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	166909	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	182425	20.00	ng	-0.08
86) Perylene-d12	18.22	264	192999	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	413789	157.85	ng	-0.02
7) Phenol-d6	7.09	99	484511	153.70	ng	-0.02
23) Nitrobenzene-d5	8.24	82	279927	104.69	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	114325	141.92	ng	-0.02
44) 2-Fluorobiphenyl	10.47	172	531870	99.93	ng	-0.02
78) Terphenyl-d14	15.16	244	601296	88.74	ng	-0.03
Target Compounds						Qvalue

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

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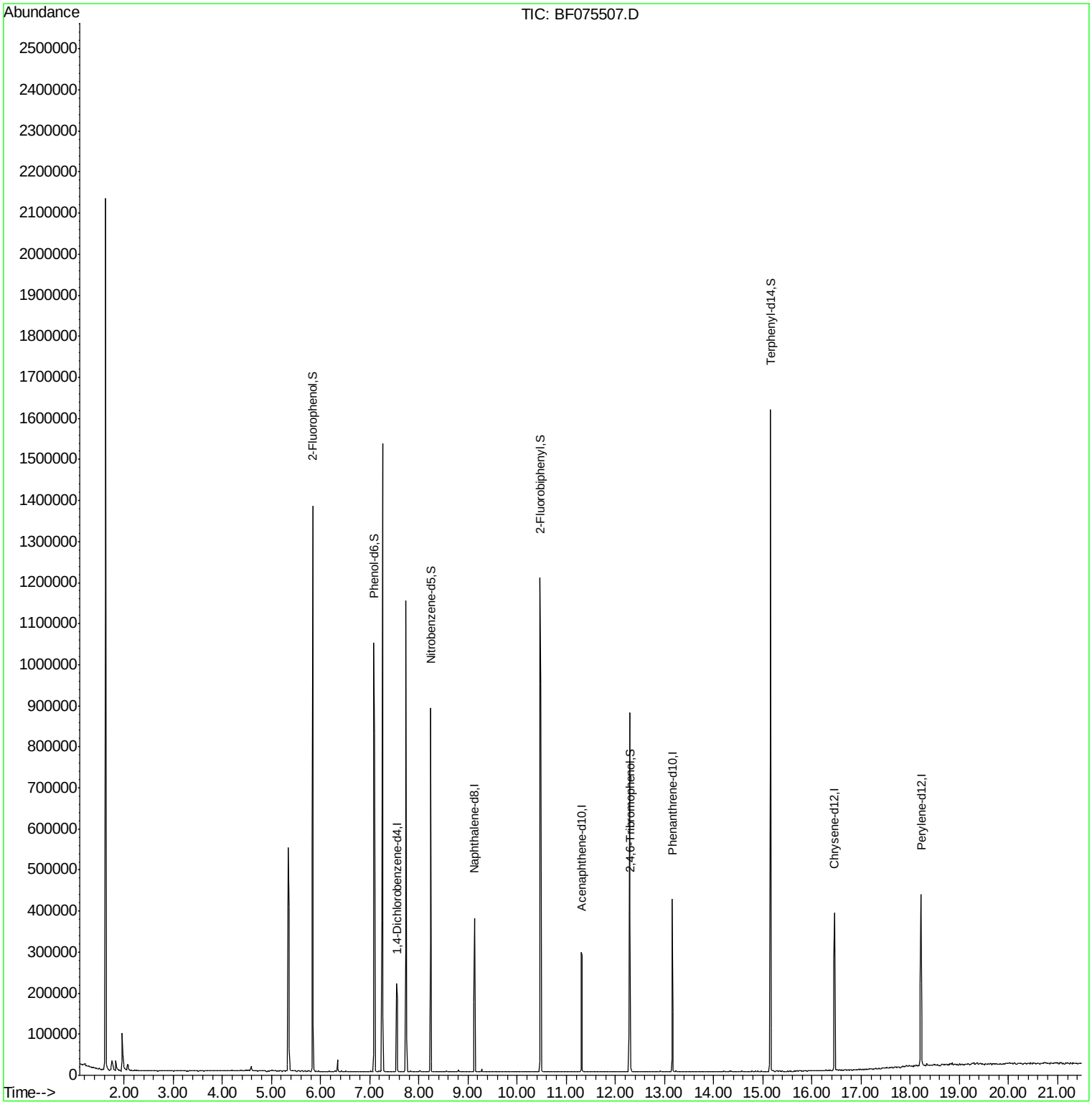
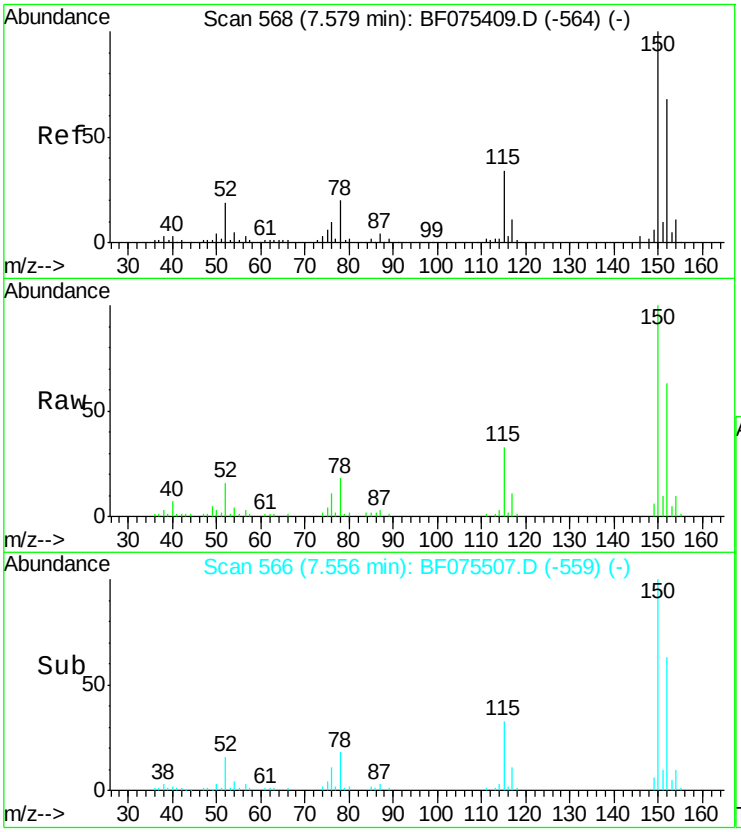


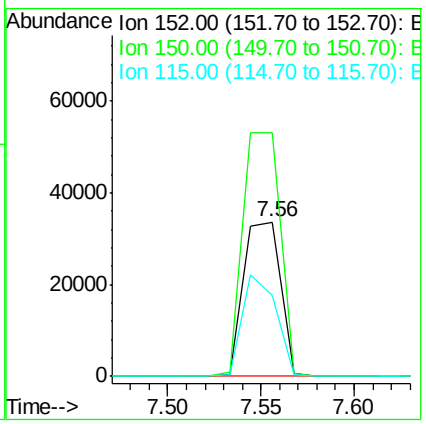


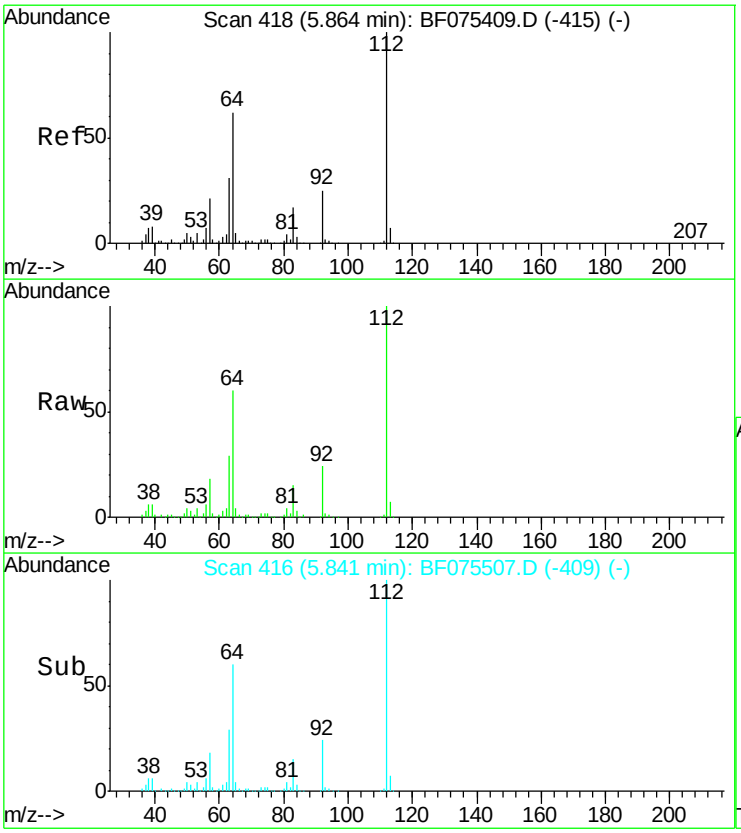
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion:152 Resp: 46309

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.2	190.8
115	52.4	57.1	85.7#

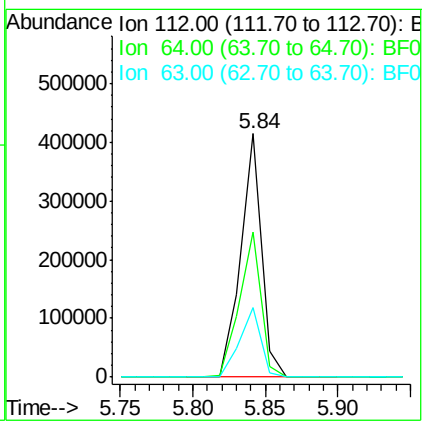


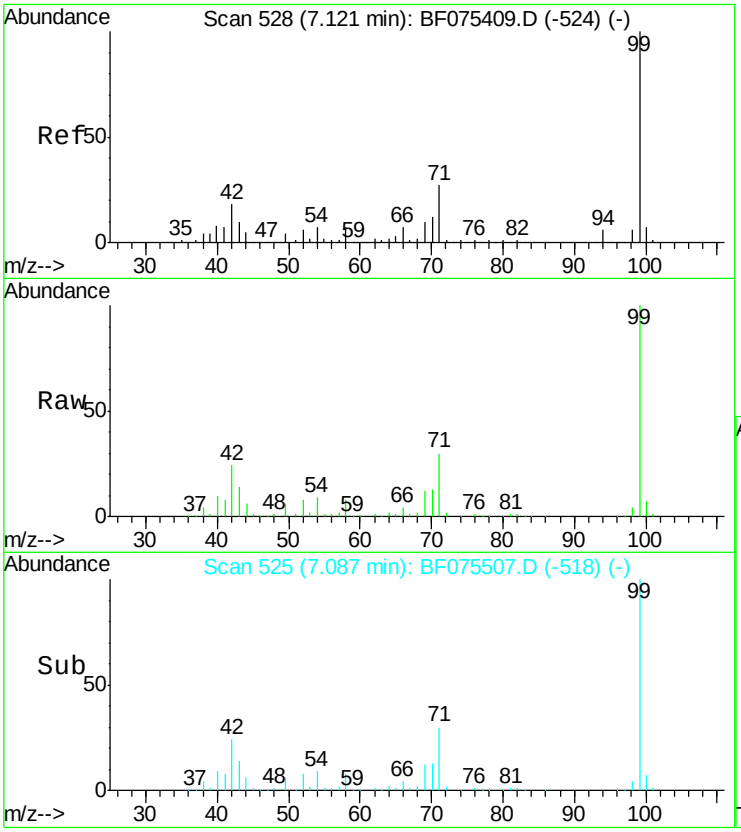


#5
2-Fluorophenol
Concen: 157.85 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Tgt Ion:112 Resp: 413789

Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.8	68.6
63	28.8	22.7	34.1



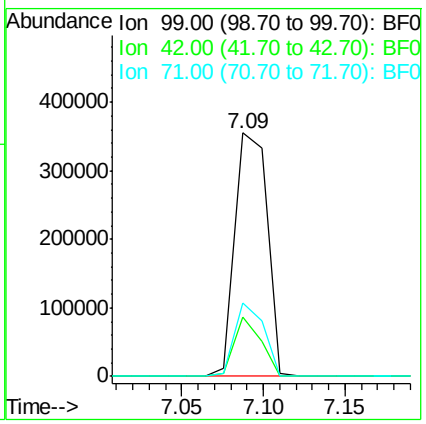


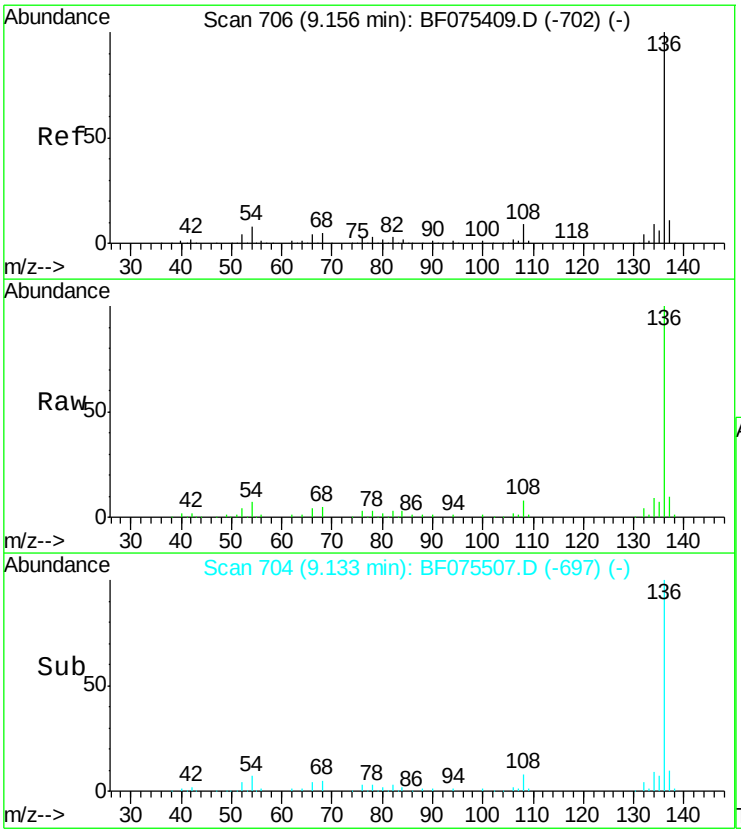
#7
Phenol-d6
Concen: 153.70 ng
RT: 7.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion: 99 Resp: 484511

Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.6
71	30.2	25.5	38.3

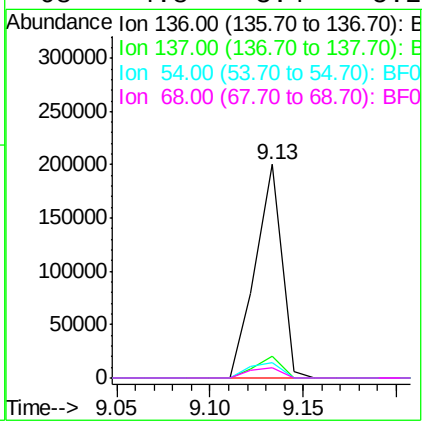


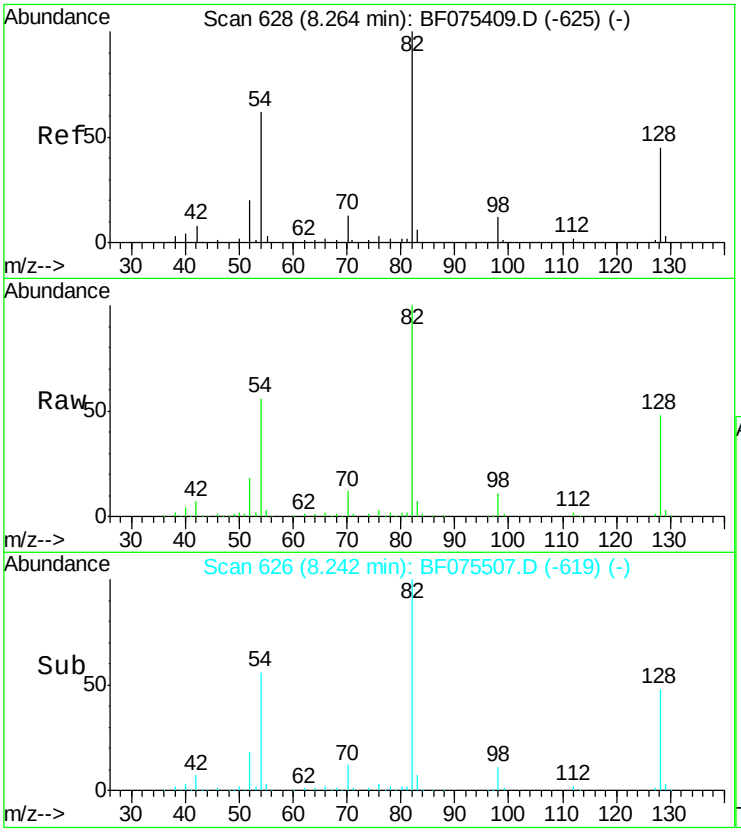


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Tgt Ion:136 Resp: 196032

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	7.3	6.2	9.4
68	4.8	3.4	5.2



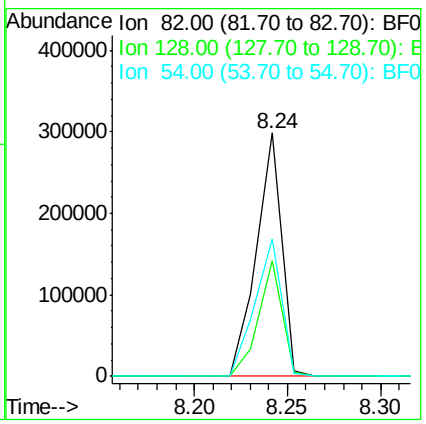


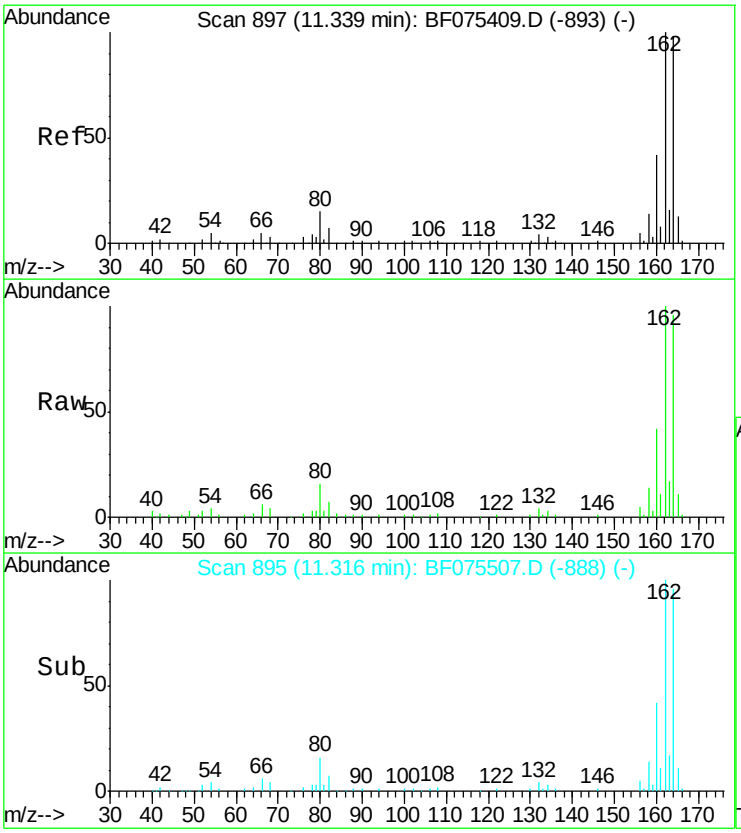
#23
Nitrobenzene-d5
Concen: 104.69 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion: 82 Resp: 279927

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.8	56.6
54	56.3	49.8	74.8

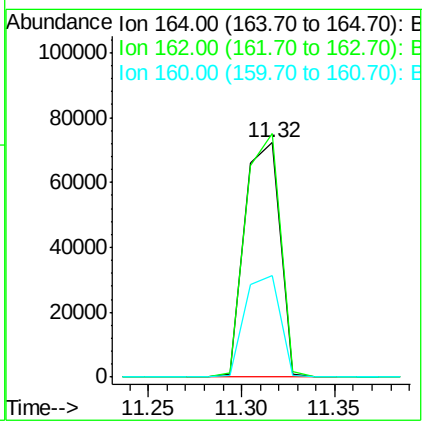


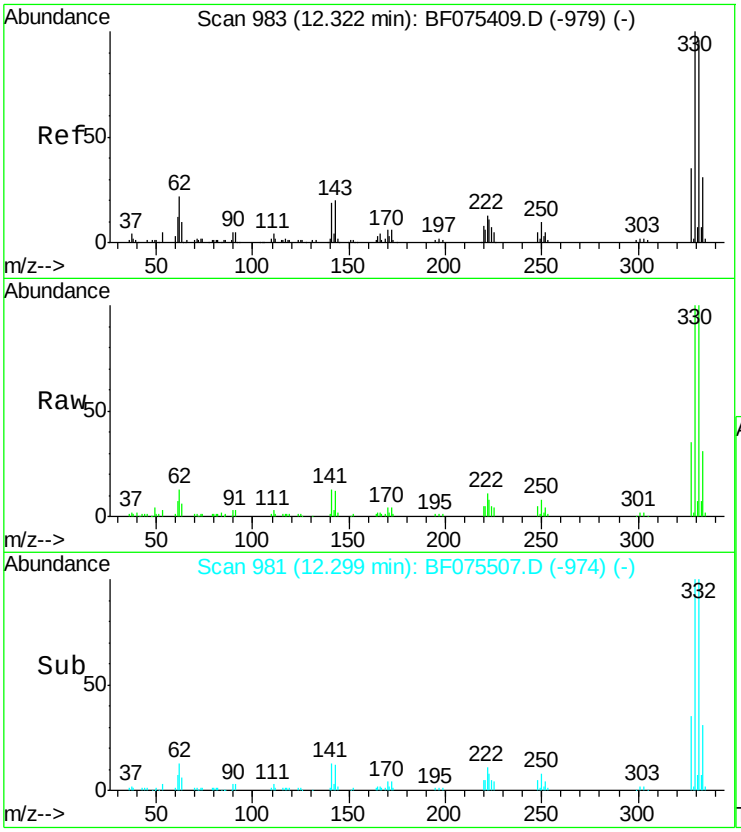


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Tgt Ion:164 Resp: 96180

Ion	Ratio	Lower	Upper
164	100		
162	103.8	79.1	118.7
160	43.1	34.6	51.8



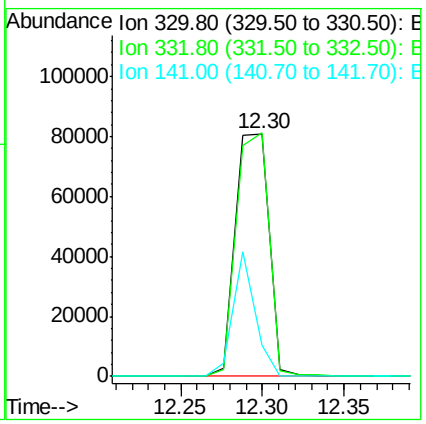


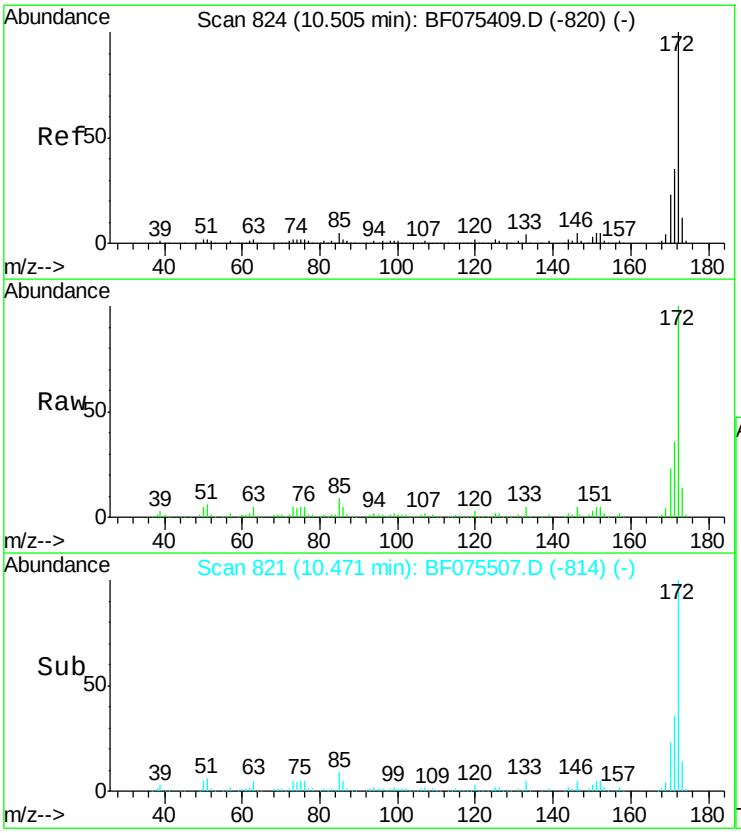
#41
2,4,6-Tribromophenol
Concen: 141.92 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion:330 Resp: 114325

Ion	Ratio	Lower	Upper
330	100		
332	98.0	74.5	111.7
141	34.2	30.7	46.1

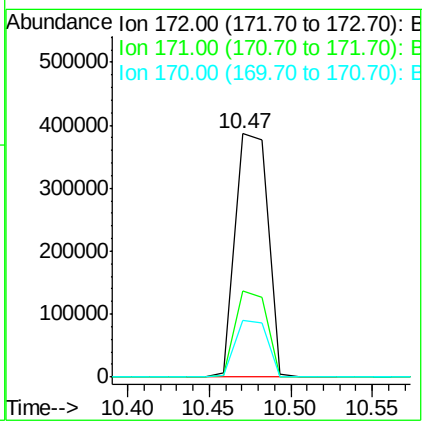


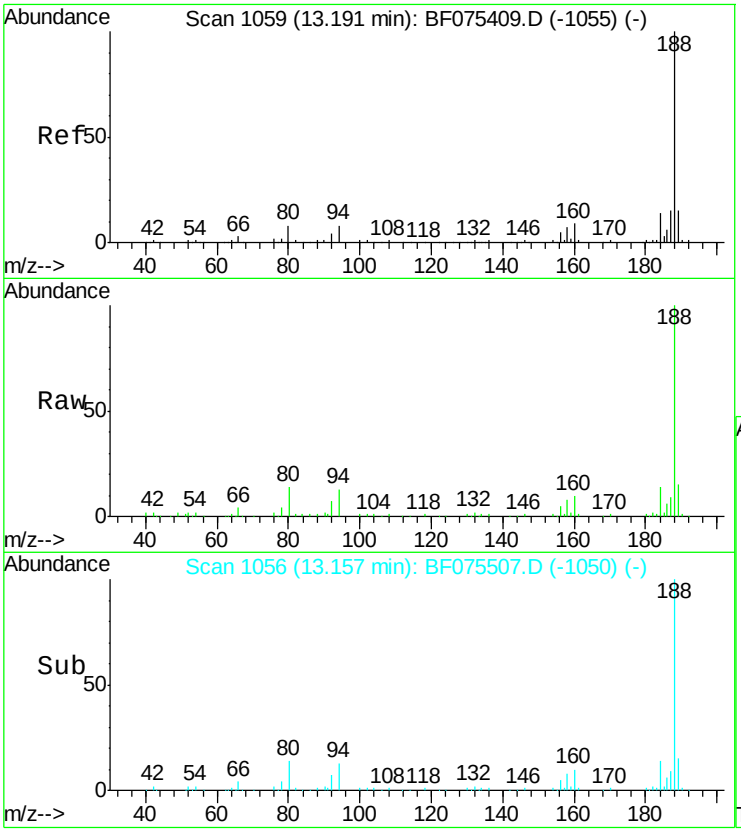


#44
2-Fluorobiphenyl
Concen: 99.93 ng
RT: 10.47 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Tgt Ion:172 Resp: 531870

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.3	40.9
170	23.4	18.4	27.6



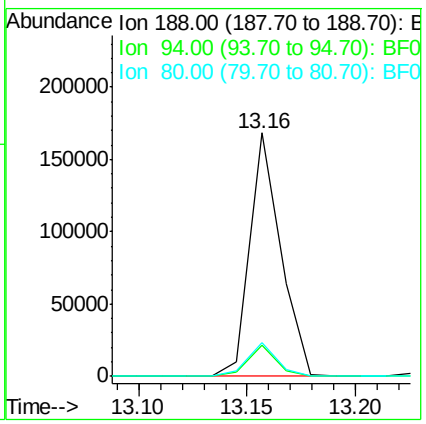


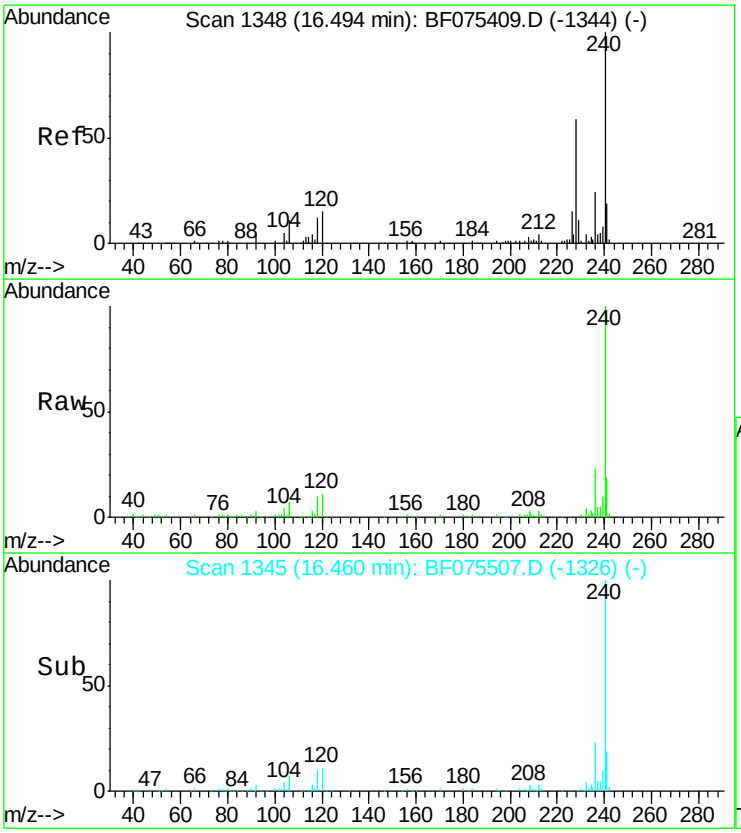
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion:188 Resp: 166909

Ion	Ratio	Lower	Upper
188	100		
94	12.6	7.8	11.6#
80	14.1	8.0	12.0#

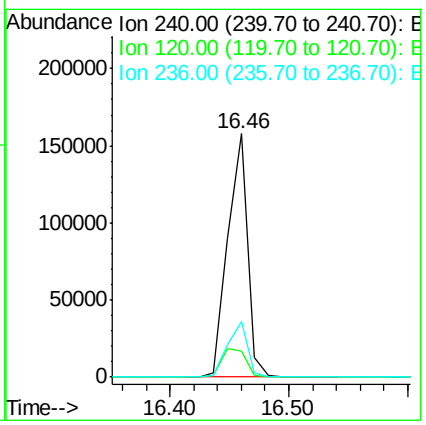


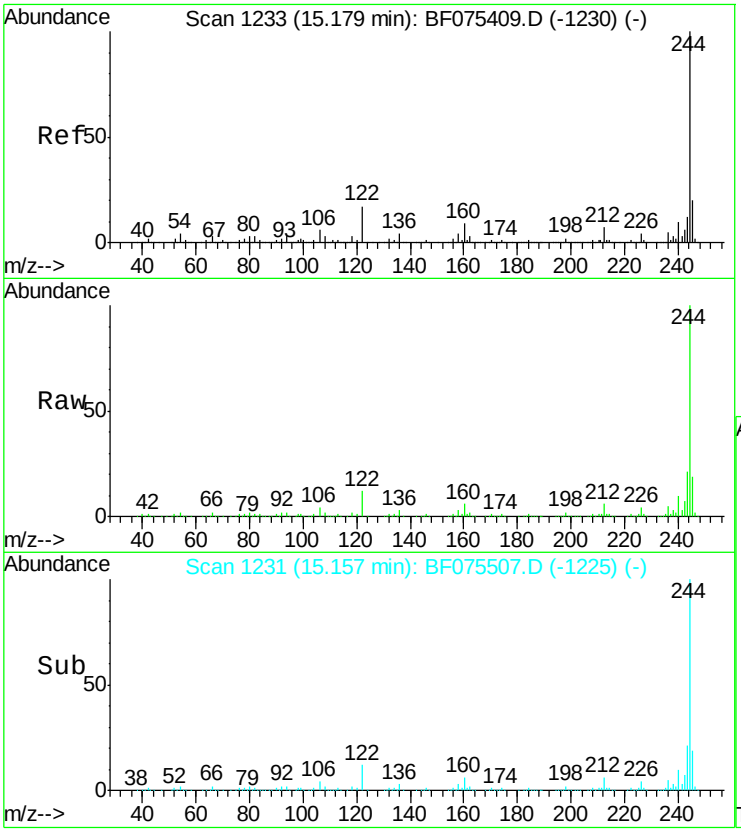


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Tgt Ion:240 Resp: 182425

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	22.6	18.9	28.3



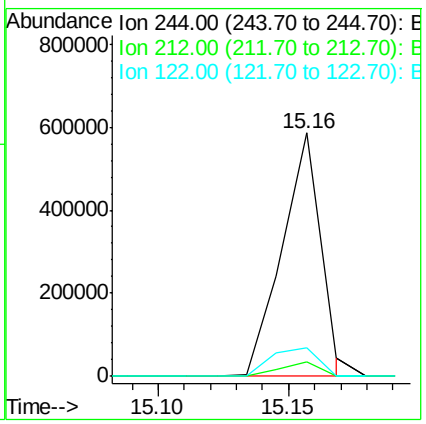


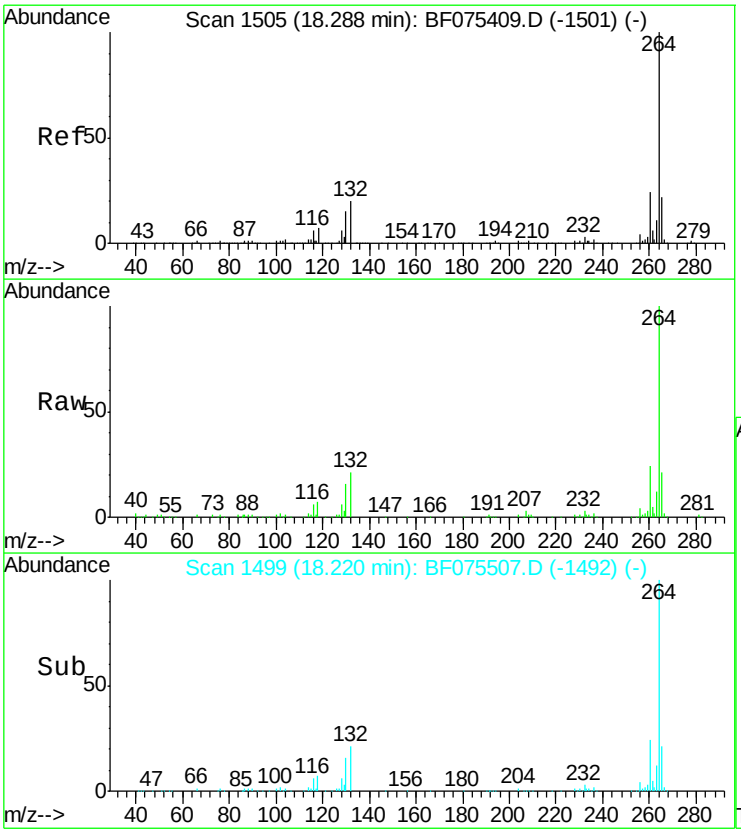
#78
Terphenyl-d14
Concen: 88.74 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion:244 Resp: 601296

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.5	8.3
122	11.6	9.7	14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.22 min Scan# 1499
Delta R.T. -0.22 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Tgt Ion:264 Resp: 192999

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	20.6	16.3	24.5