Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082359.D
Acq On : 19 Oct 2015 16:58
Operator : UM/IZ
Sample : PB86137BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86137BL

Quant Time: Oct 20 02:21:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104174	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	395334	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	203868	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	412125	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	360699	20.00	ng	-0.01
86) Perylene-d12	15.68	264	283074	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	667567	129.33	ng	0.01
7) Phenol-d6	6.45	99	875875	130.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	510797	86.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	205399	107.43	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1125949	91.59	ng	0.00
78) Terphenyl-d14	12.95	244	1089042	80.01	ng	0.00

Target Compounds	Qvalue

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

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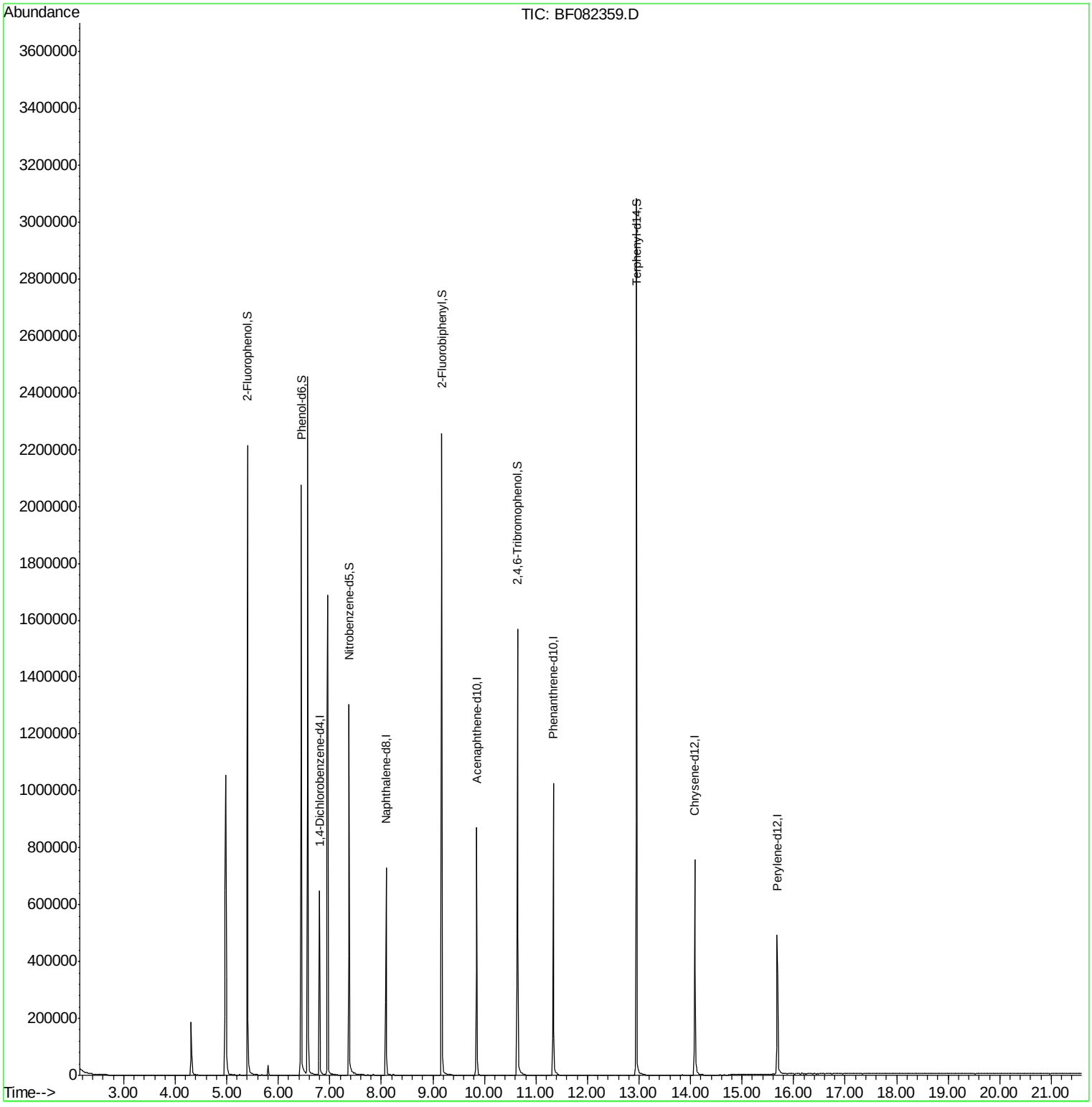
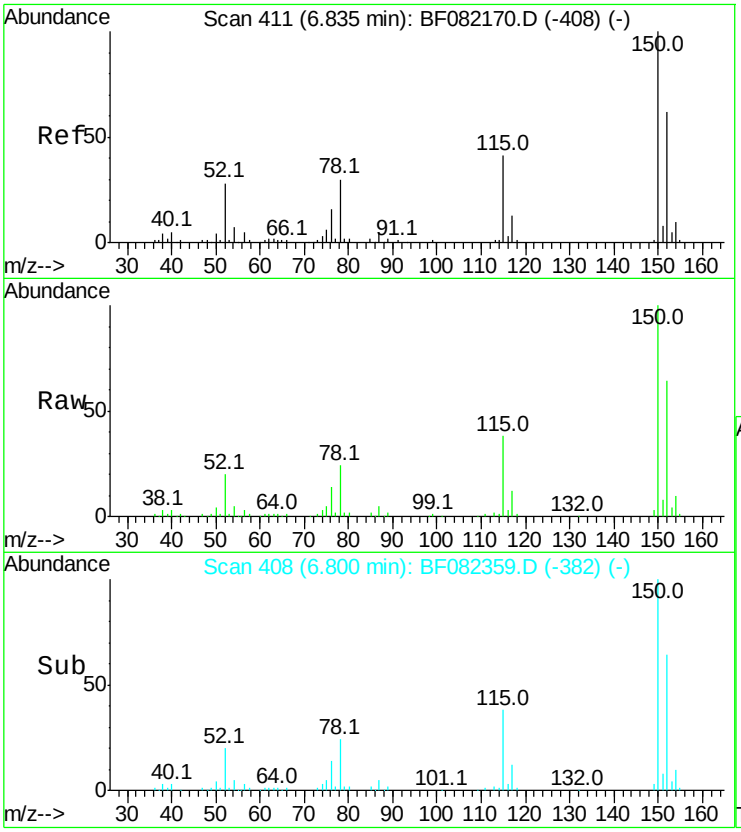


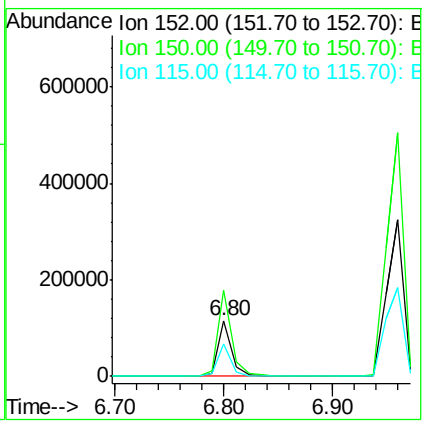


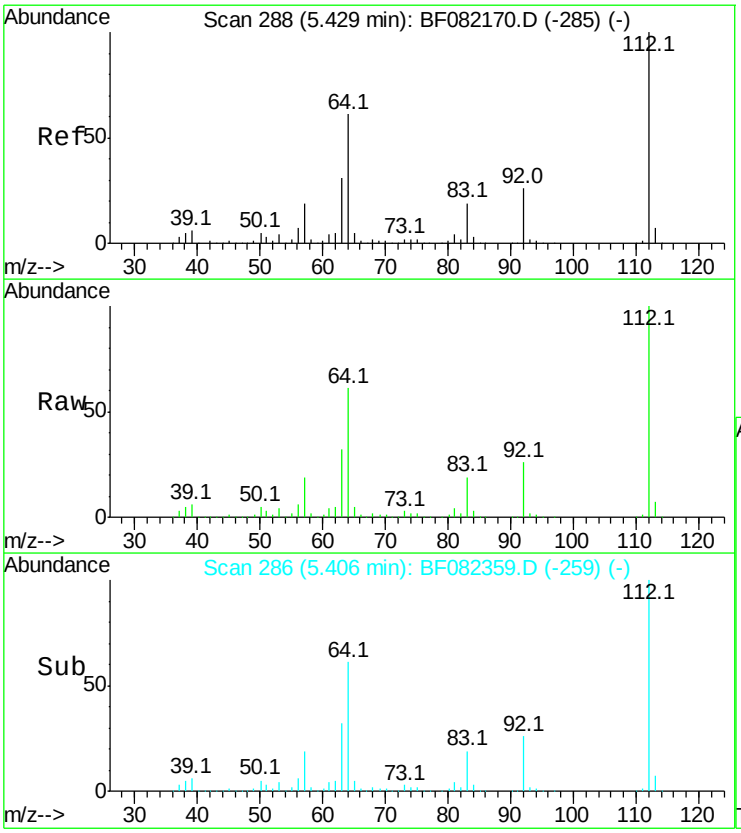
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB86137BL

Tgt Ion:152 Resp: 104174

Ion	Ratio	Lower	Upper
152	100		
150	155.8	129.0	193.4
115	59.1	52.1	78.1

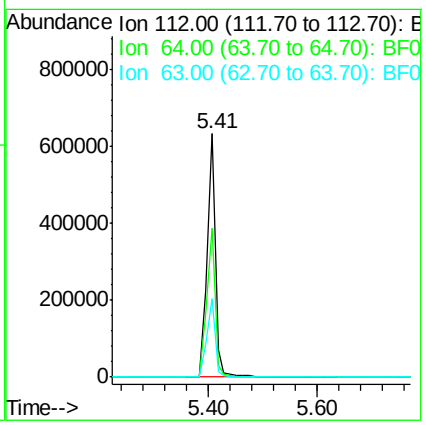


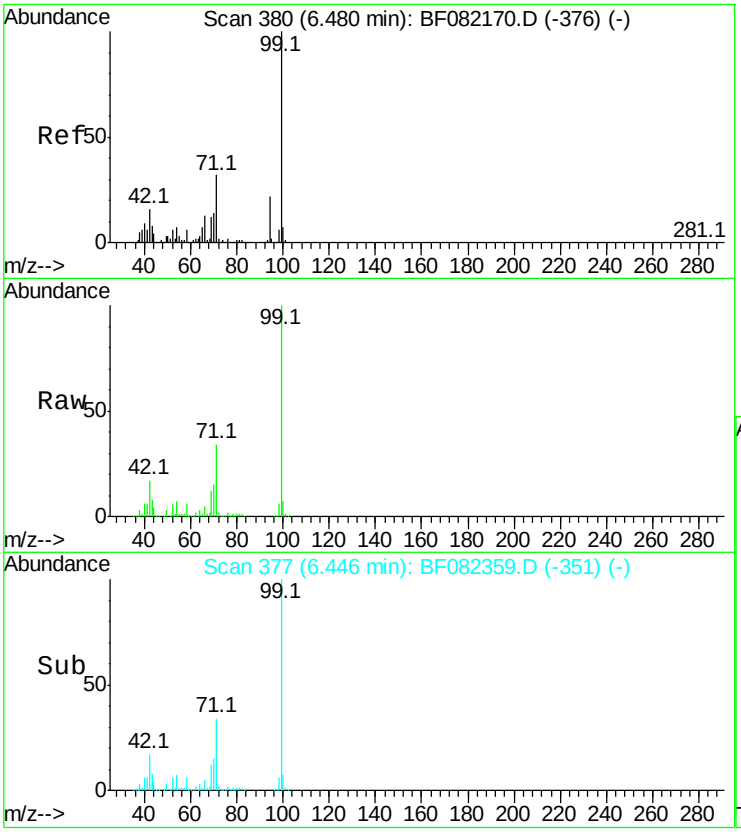


#5
2-Fluorophenol
Concen: 129.33 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Tgt Ion:112 Resp: 667567

Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.6	73.0
63	32.2	25.1	37.7



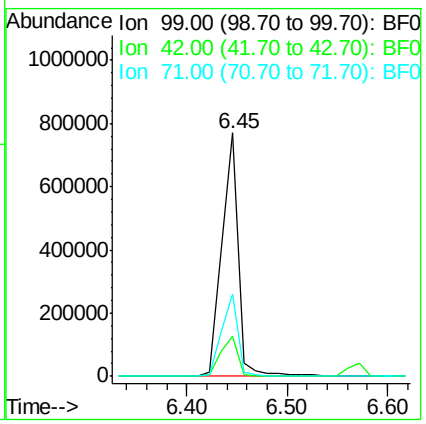


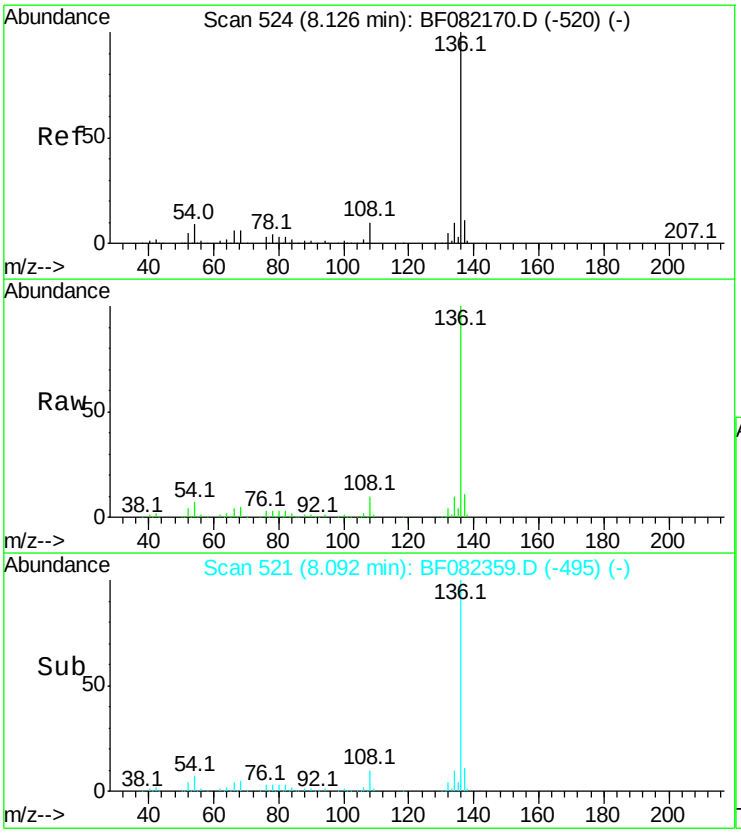
#7
Phenol-d6
Concen: 130.40 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB86137BL

Tgt Ion: 99 Resp: 875875

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.2	19.8
71	33.6	25.6	38.4

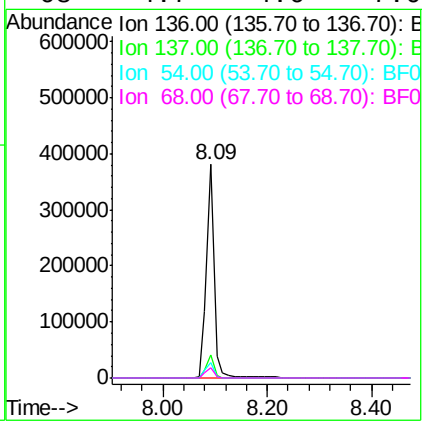


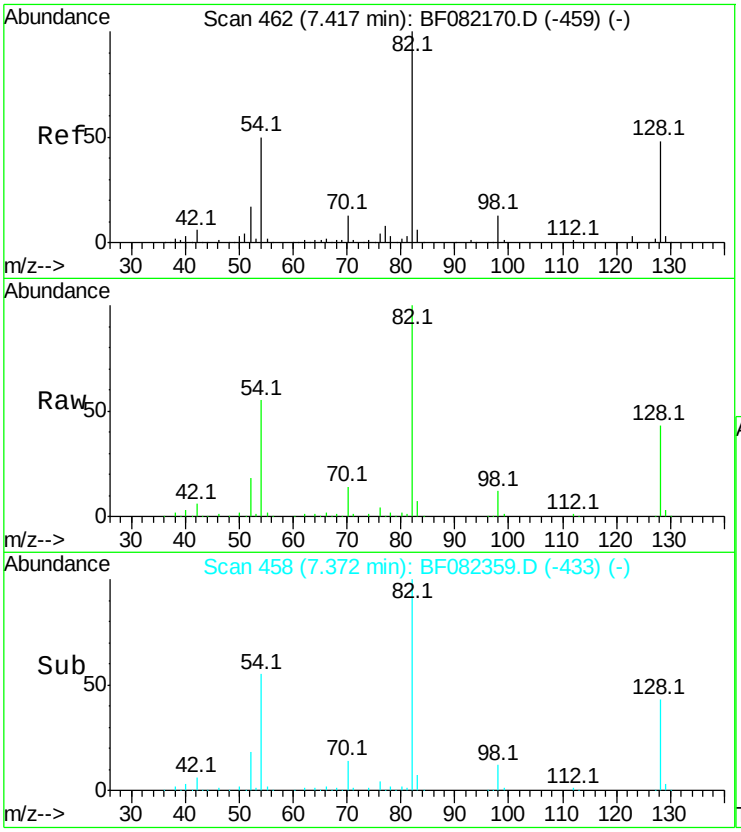


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Tgt Ion:136 Resp: 395334

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.2	7.5	11.3#
68	4.7	4.6	7.0



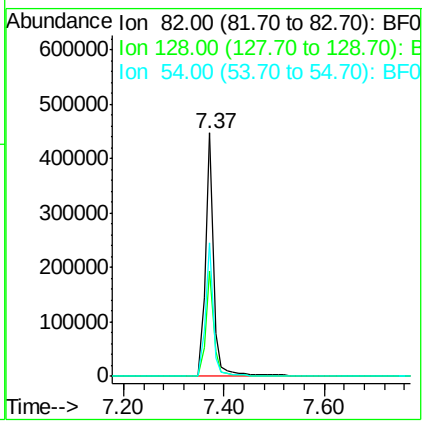


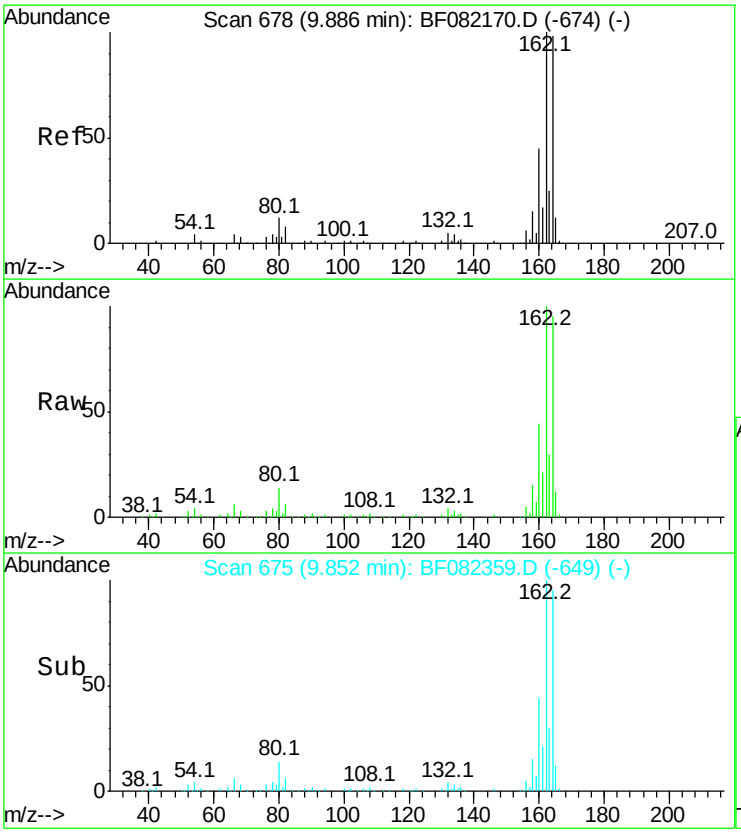
#23
Nitrobenzene-d5
Concen: 86.77 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB86137BL

Tgt Ion: 82 Resp: 510797

Ion	Ratio	Lower	Upper
82	100		
128	43.3	38.7	58.1
54	54.6	40.1	60.1

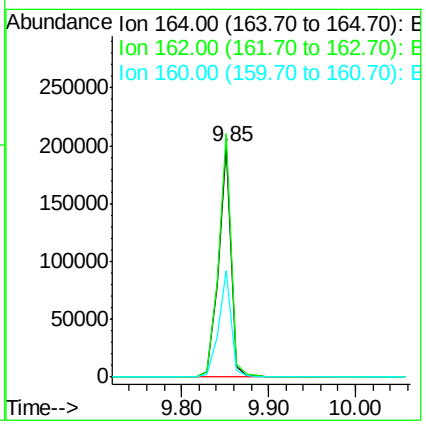


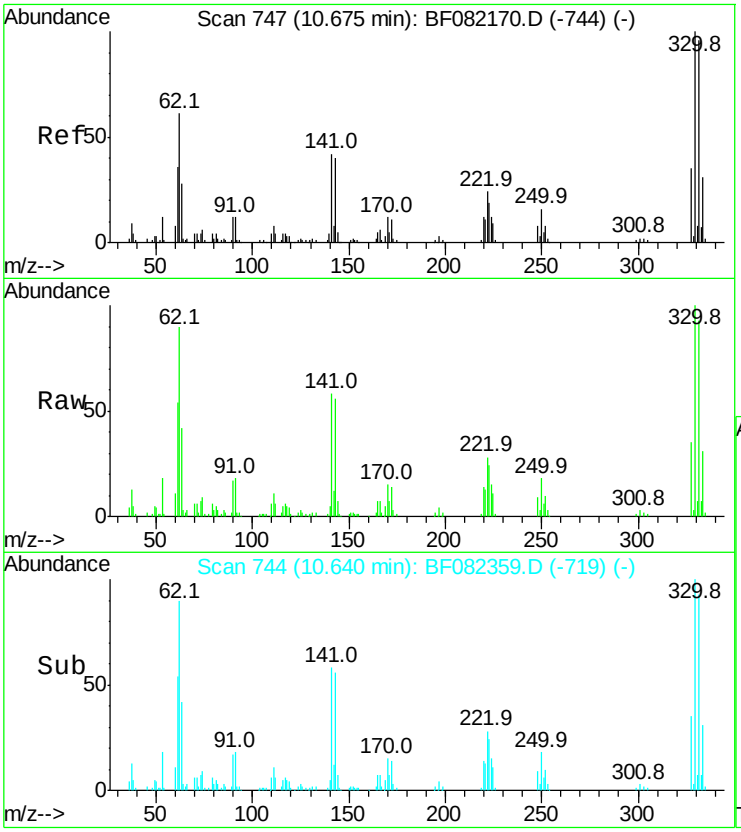


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Tgt Ion:164 Resp: 203868

Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.6	122.4
160	46.4	36.4	54.6



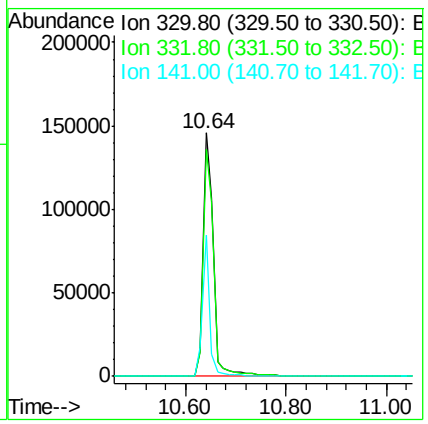


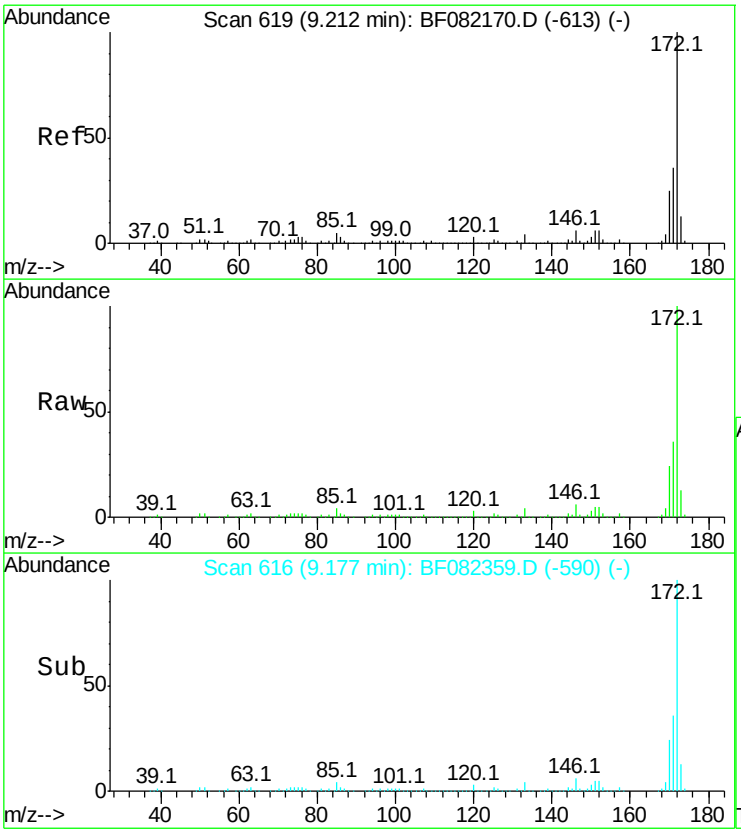
#41
2,4,6-Tribromophenol
Concen: 107.43 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB86137BL

Tgt Ion:330 Resp: 205399

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	41.8	29.8	44.8

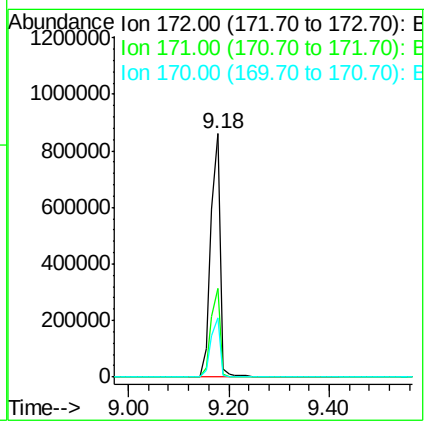


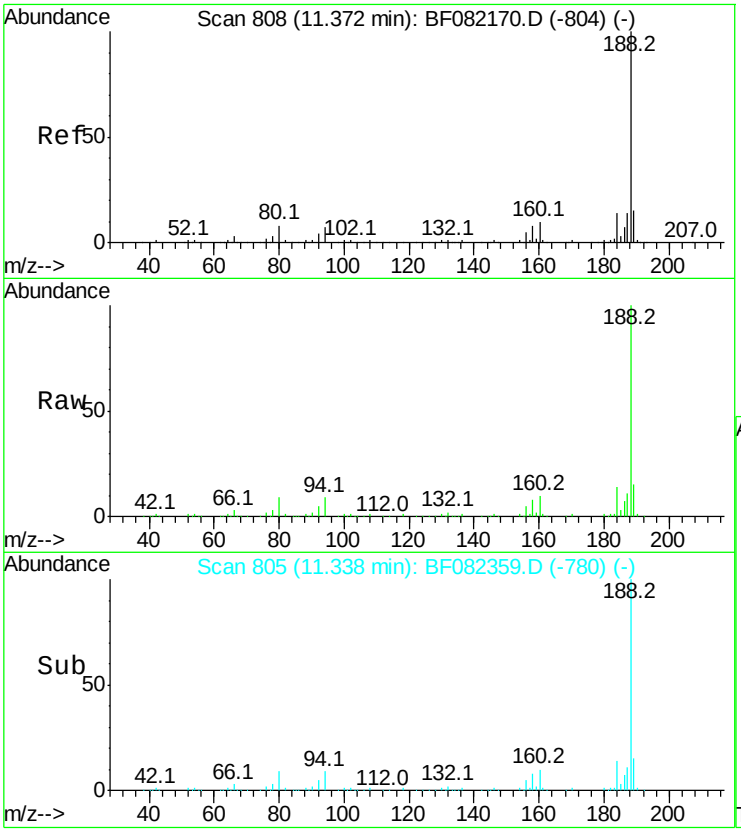


#44
2-Fluorobiphenyl
Concen: 91.59 ng
RT: 9.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Tgt Ion:172 Resp: 1125949

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.2	19.7	29.5



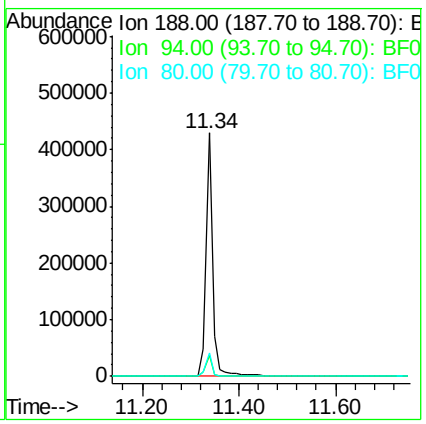


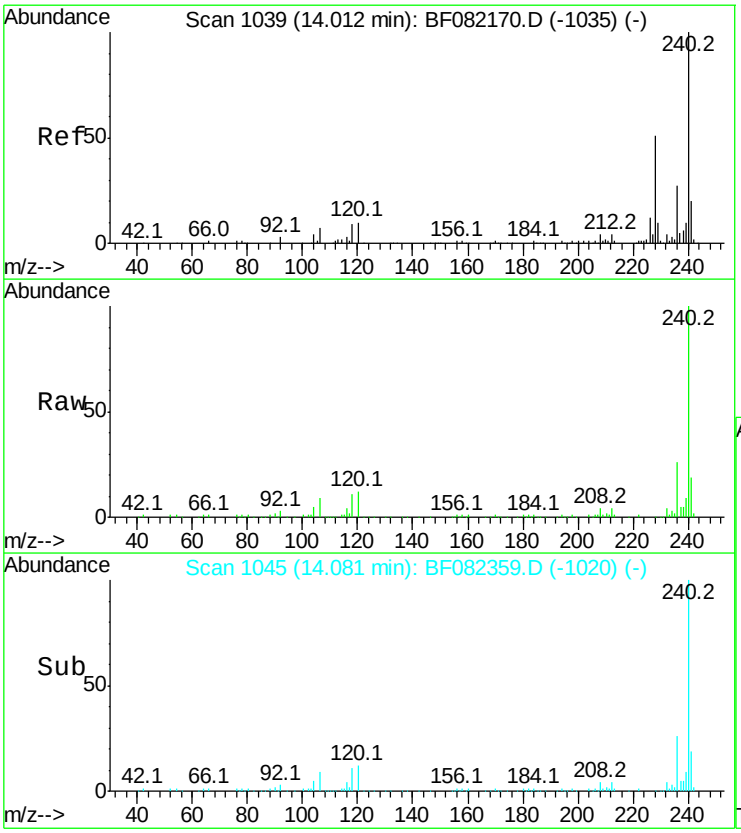
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB86137BL

Tgt Ion:188 Resp: 412125

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.8	8.6#
80	9.5	6.4	9.6

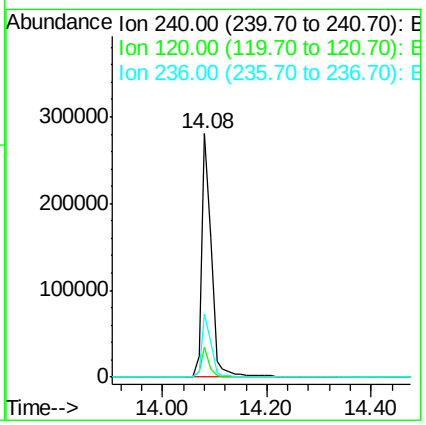


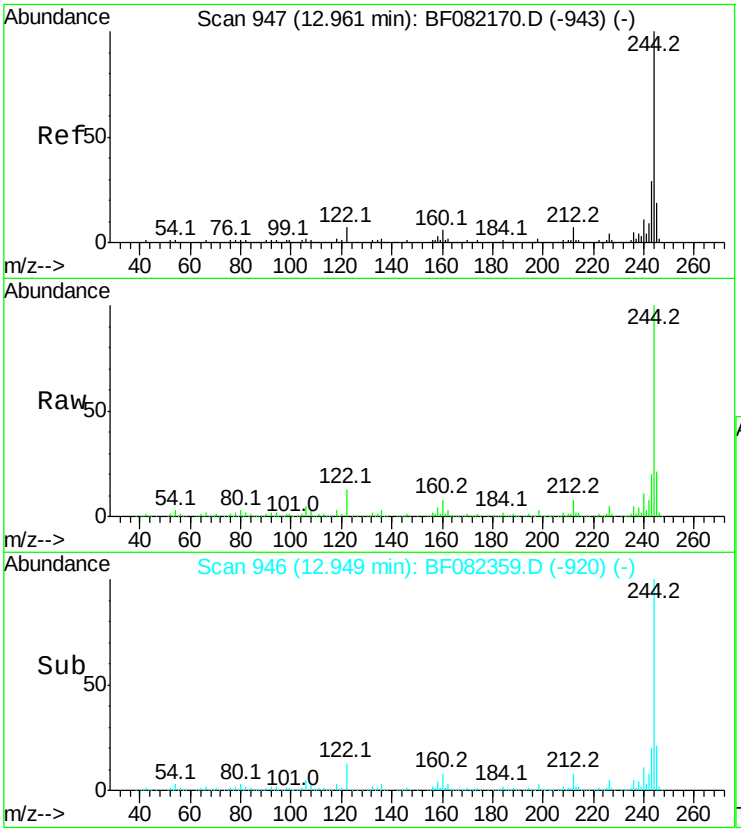


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Tgt Ion:240 Resp: 360699

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.1	12.1#
236	25.8	21.3	31.9



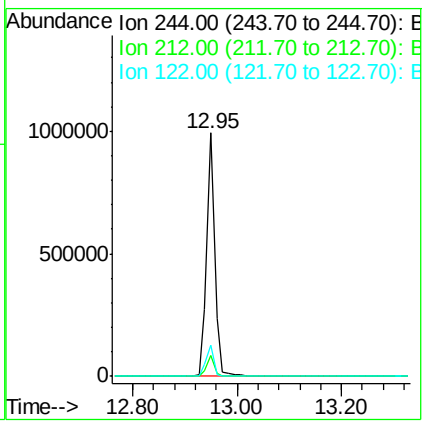


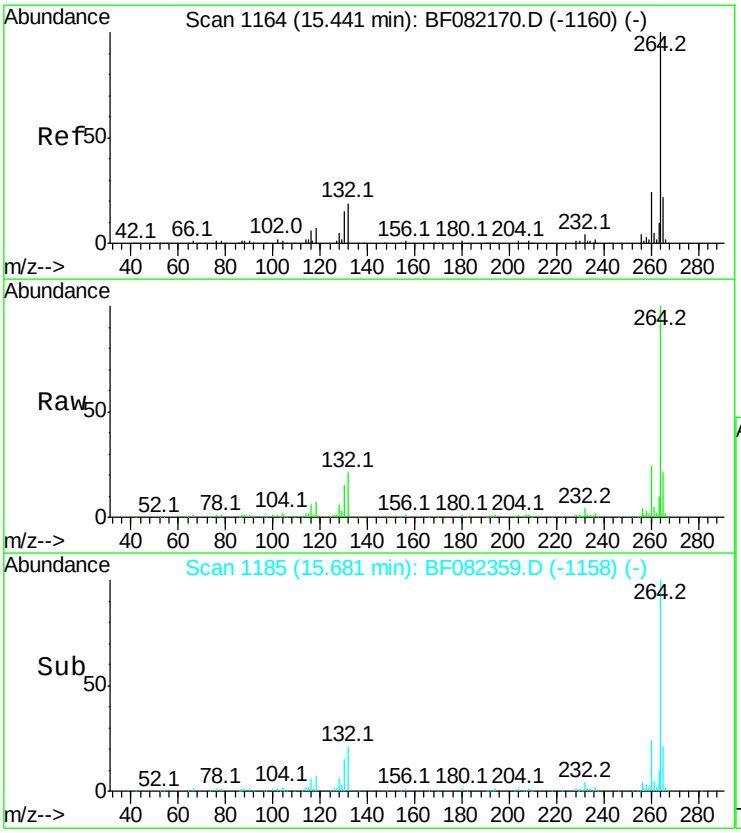
#78
Terphenyl-d14
Concen: 80.01 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB86137BL

Tgt Ion:244 Resp: 1089042

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	12.6	5.9	8.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF082359.D
Acq: 19 Oct 2015 16:58

Tgt Ion:264 Resp: 283074

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.2	17.3	25.9