Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081217.D
Acq On : 26 Aug 2015 17:41
Operator : UM/IZ
Sample : PB85190BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85190BL

Quant Time: Aug 27 01:02:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	47556	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	177680	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	84558	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	160356	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	146219	20.00	ng	-0.04
86) Perylene-d12	14.95	264	108681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	344882	109.08	ng	-0.01
7) Phenol-d6	6.17	99	522972	126.77	ng	-0.02
23) Nitrobenzene-d5	7.09	82	297846	76.58	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	89731	122.42	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	465465	72.13	ng	-0.02
78) Terphenyl-d14	12.59	244	441787	64.77	ng	-0.04
Target Compounds						Qvalue

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

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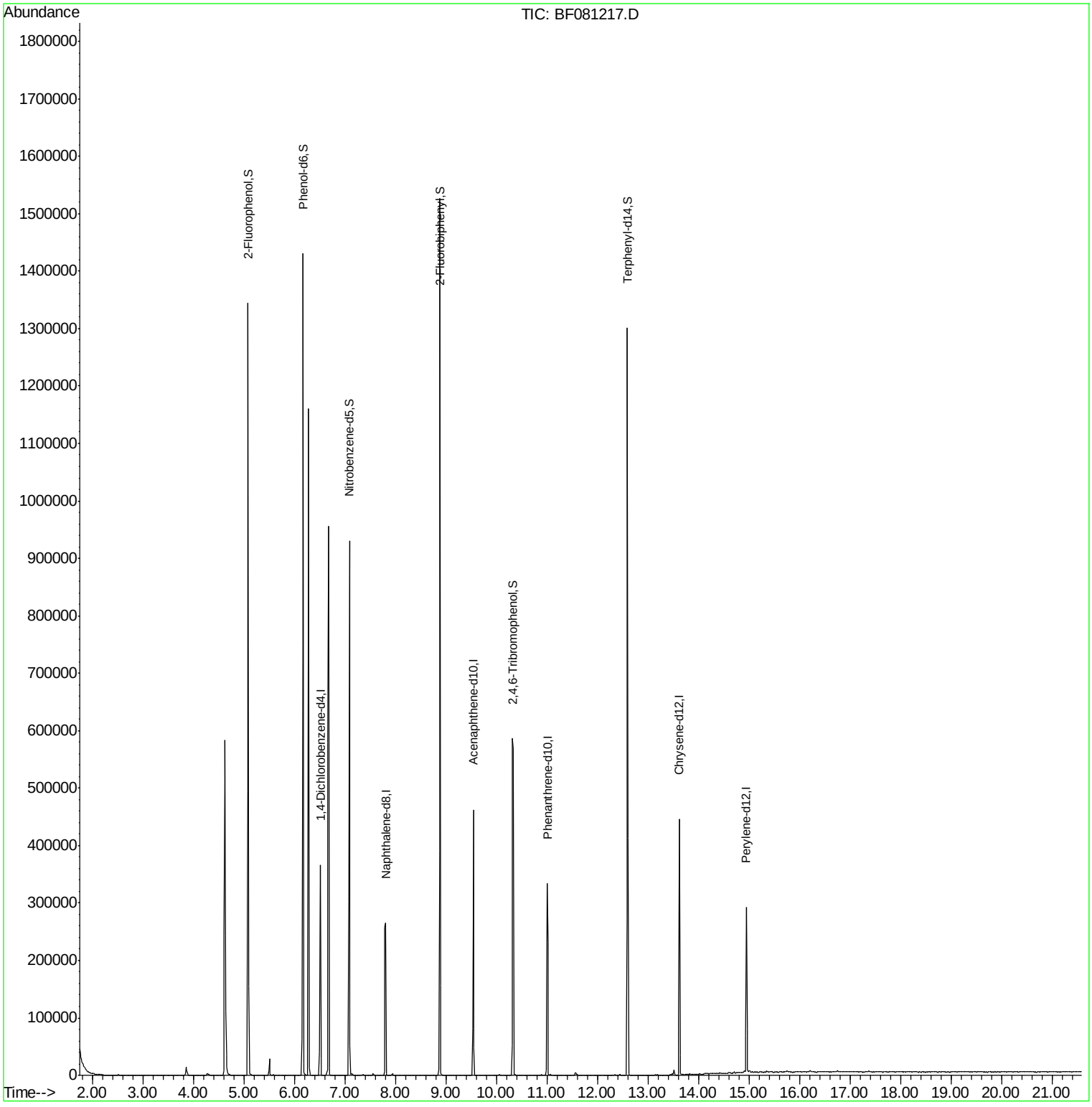
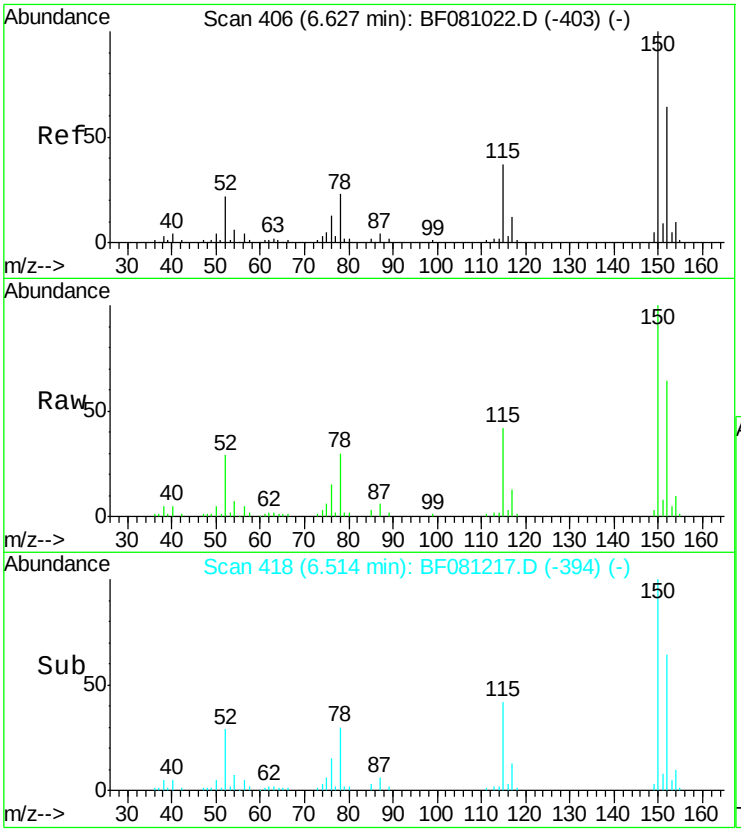


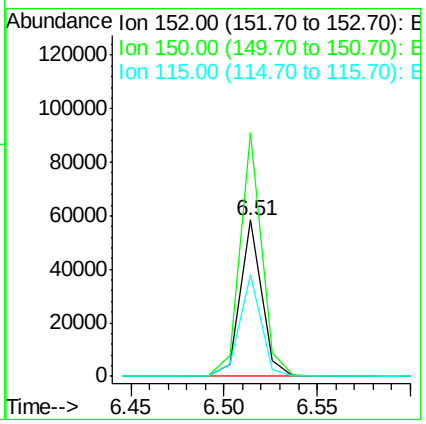


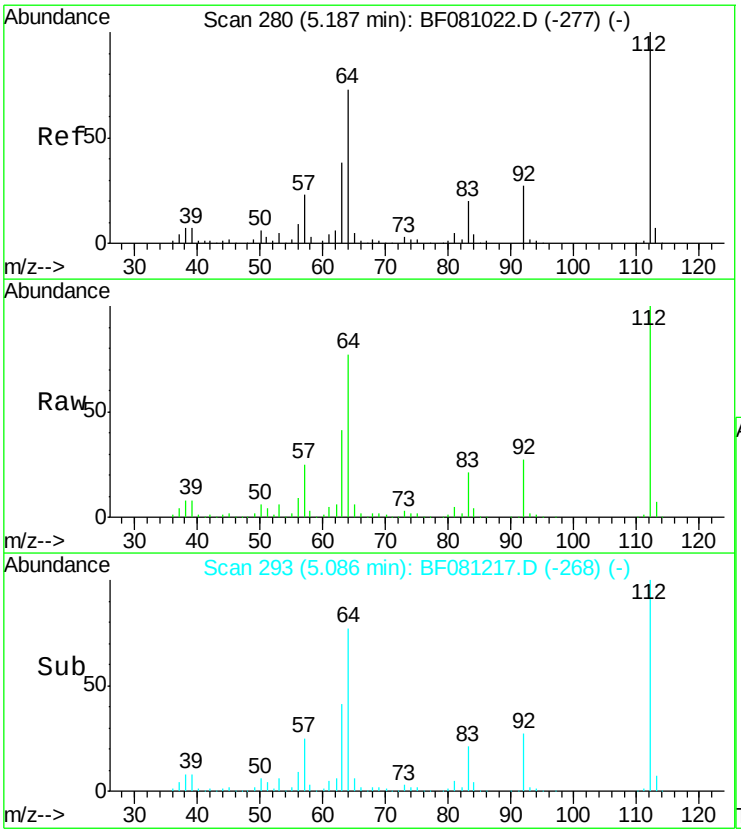
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :
PB85190BL

Tgt Ion:152 Resp: 47556

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	64.8	52.1	78.1

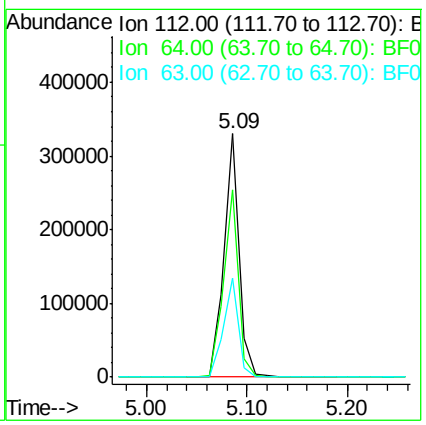


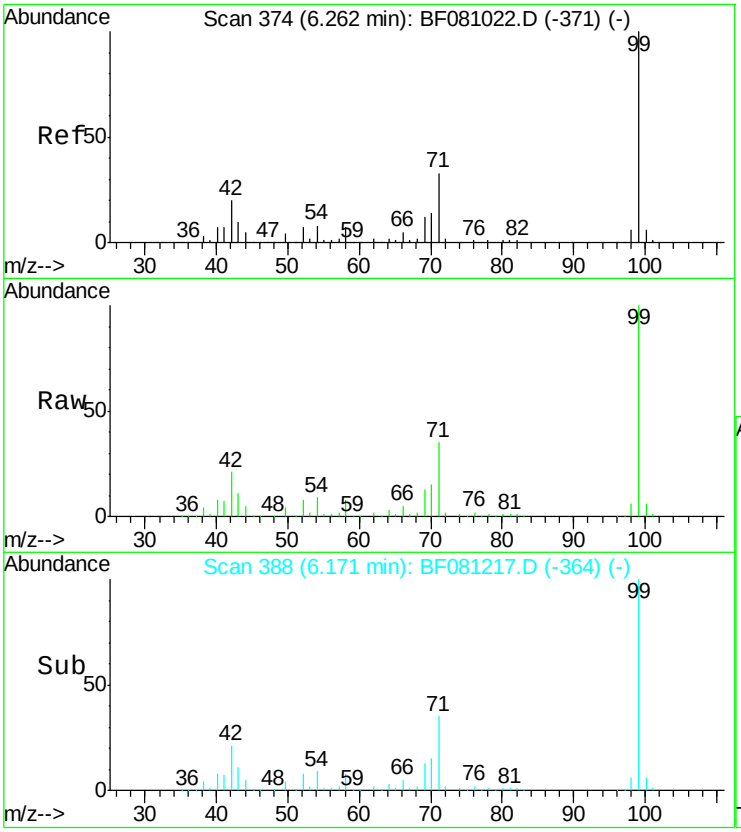


#5
2-Fluorophenol
Concen: 109.08 ng
RT: 5.09 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion:112 Resp: 344882

Ion	Ratio	Lower	Upper
112	100		
64	77.0	66.9	100.3
63	40.5	38.1	57.1



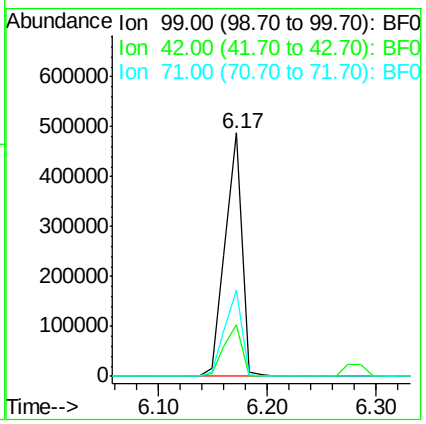


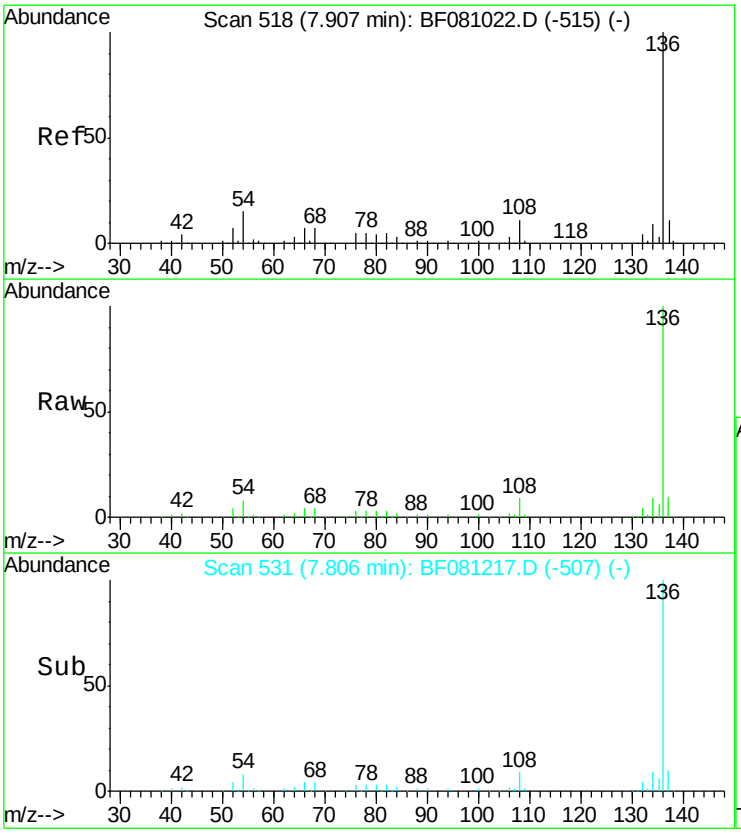
#7
Phenol-d6
Concen: 126.77 ng
RT: 6.17 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :
PB85190BL

Tgt Ion: 99 Resp: 522972

Ion	Ratio	Lower	Upper
99	100		
42	21.0	19.6	29.4
71	35.4	31.2	46.8

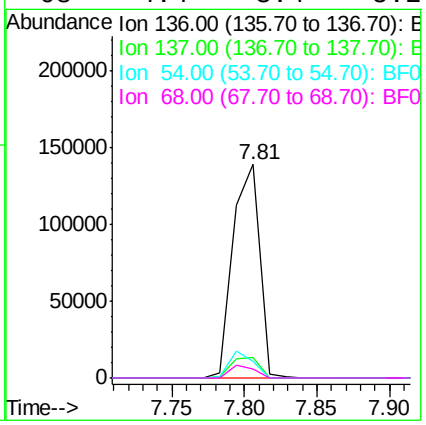


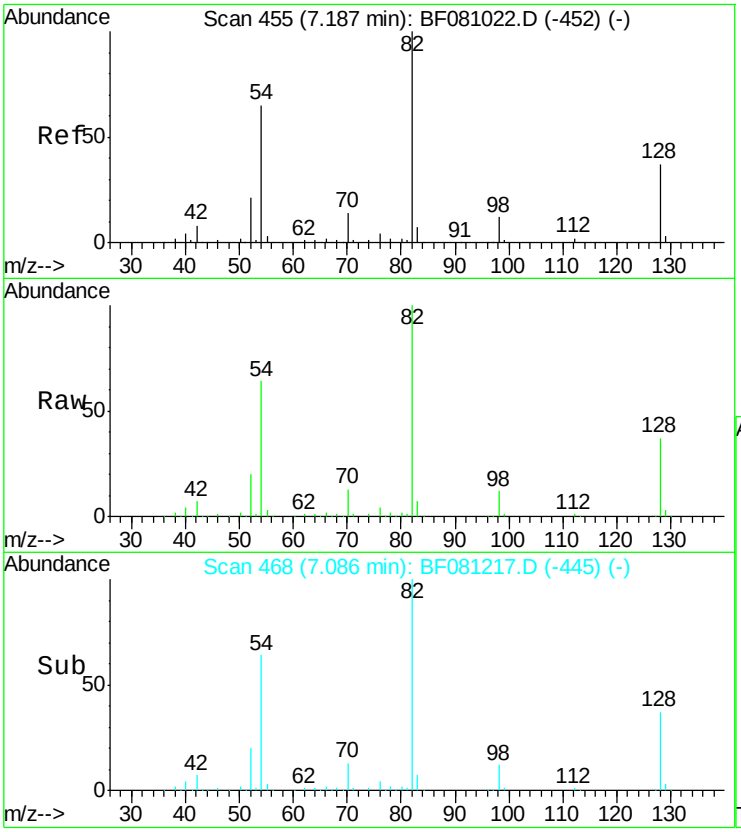


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion:136 Resp: 177680

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.2	12.2
54	8.0	7.7	11.5
68	4.4	3.4	5.2



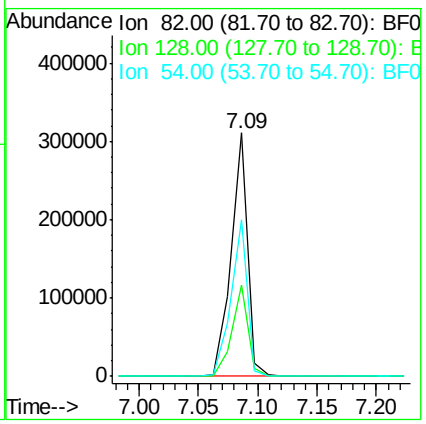


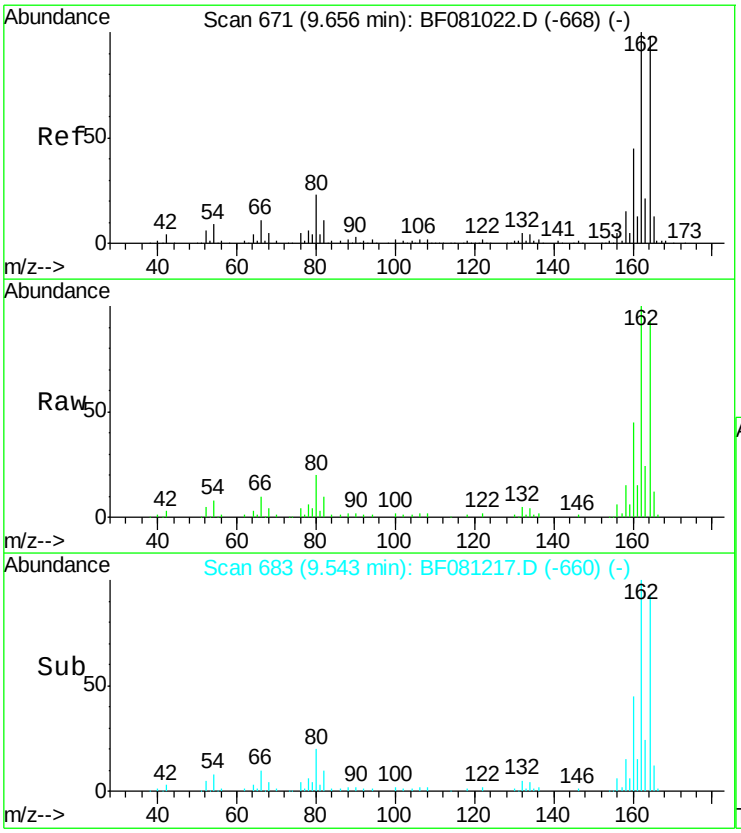
#23
Nitrobenzene-d5
Concen: 76.58 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :
PB85190BL

Tgt Ion: 82 Resp: 297846

Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.6	42.8
54	64.5	55.1	82.7

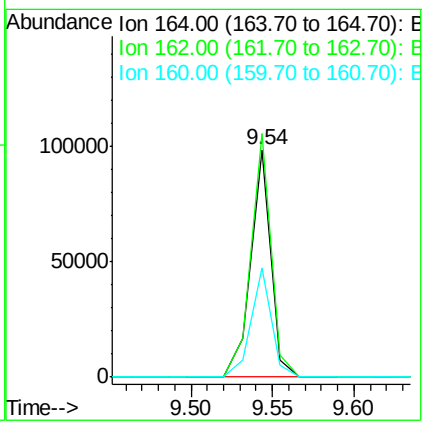


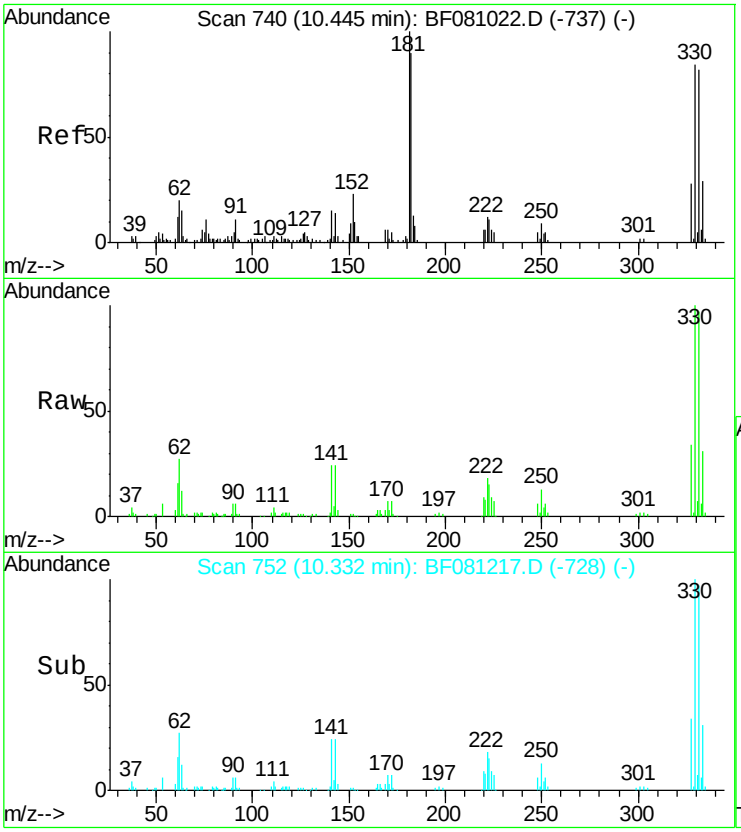


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 683
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion:164 Resp: 84558

Ion	Ratio	Lower	Upper
164	100		
162	107.1	83.8	125.8
160	48.0	39.8	59.8



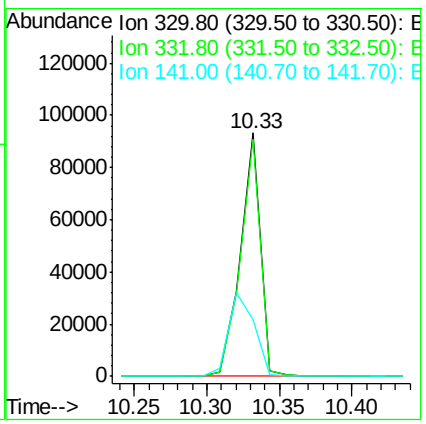


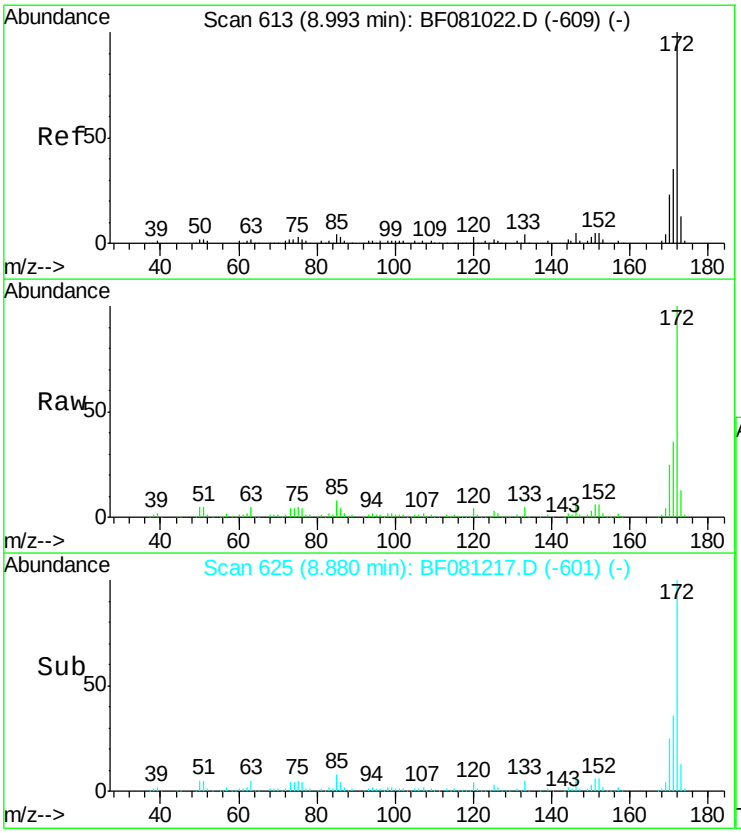
#41
2,4,6-Tribromophenol
Concen: 122.42 ng
RT: 10.33 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :
PB85190BL

Tgt Ion:330 Resp: 89731

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	43.9	44.9	67.3#

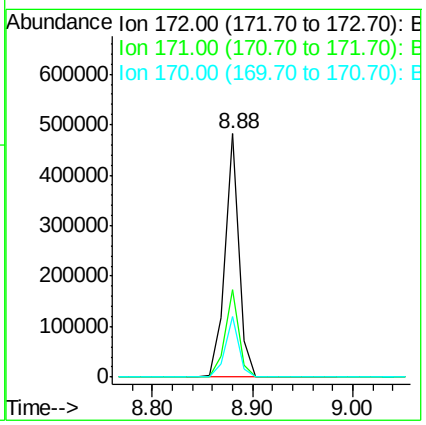


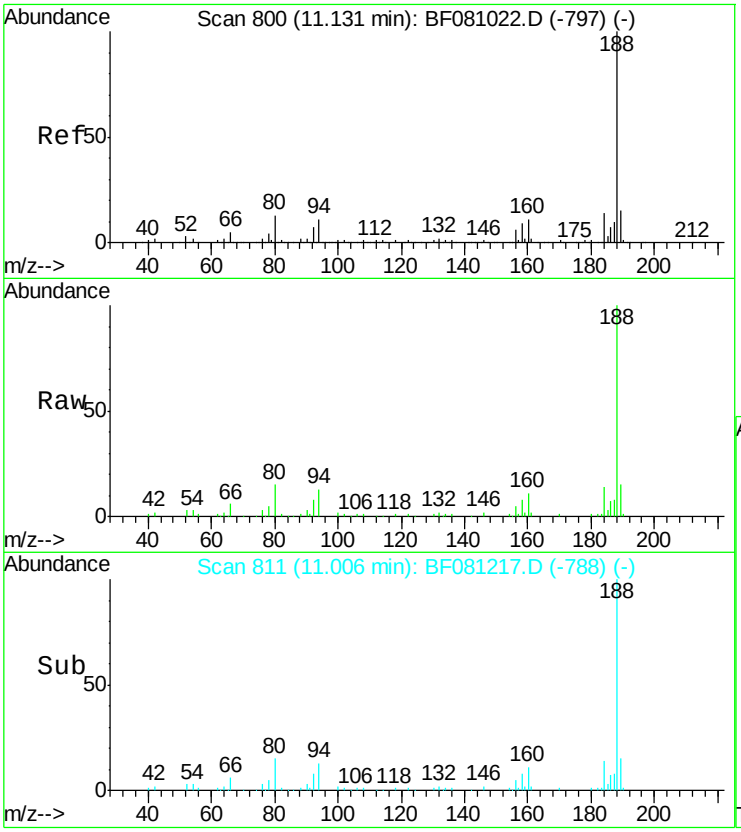


#44
2-Fluorobiphenyl
Concen: 72.13 ng
RT: 8.88 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion:172 Resp: 465465

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.8	19.4	29.2



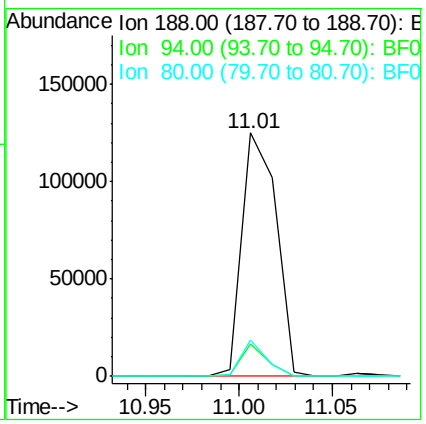


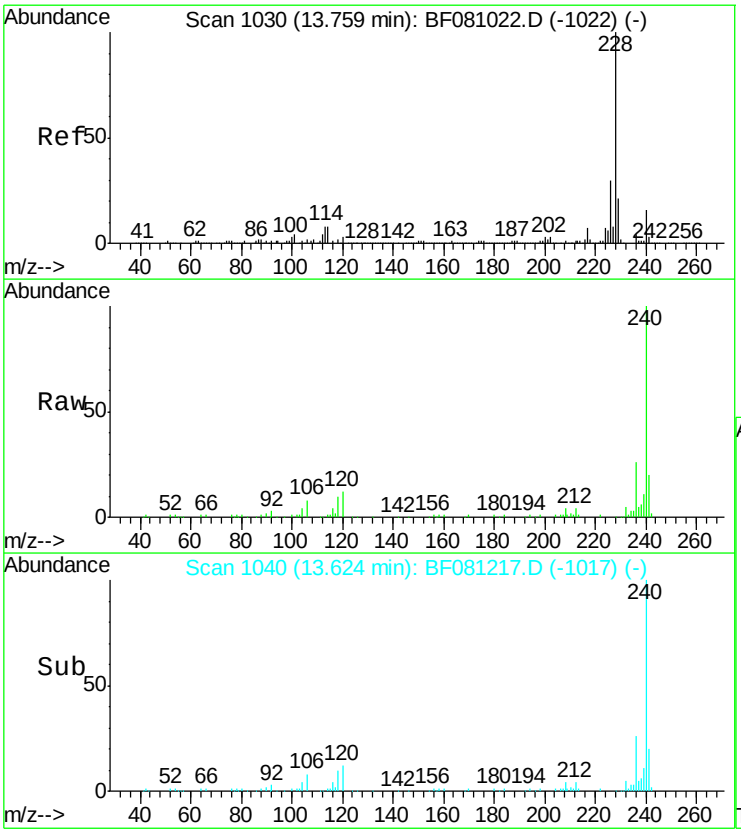
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :
PB85190BL

Tgt Ion:188 Resp: 160356

Ion	Ratio	Lower	Upper
188	100		
94	13.4	8.2	12.2#
80	15.0	9.5	14.3#

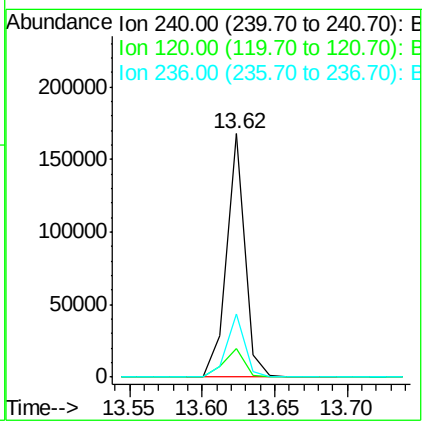


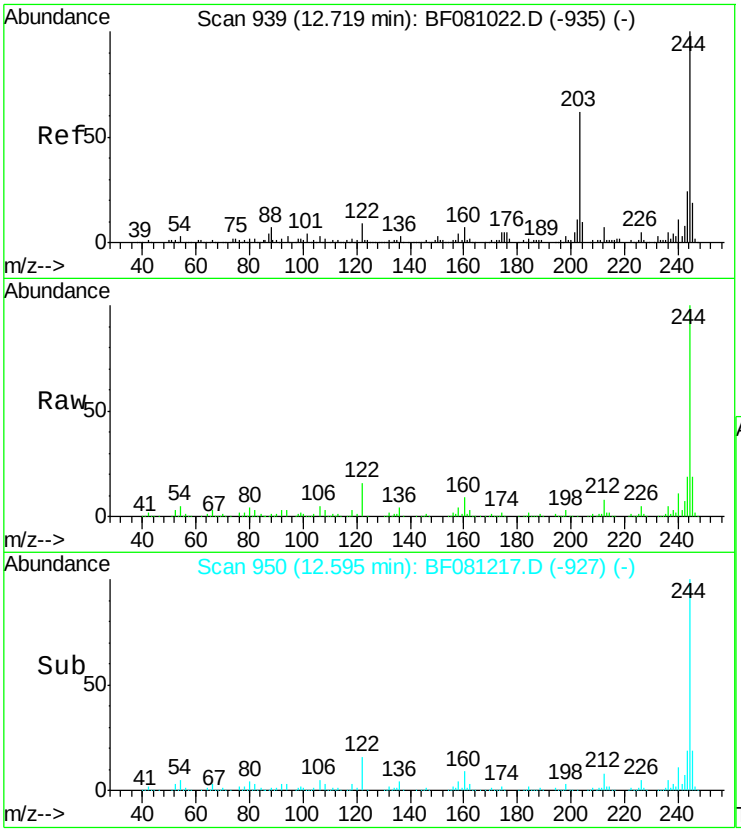


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion:240 Resp: 146219

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.6	8.4#
236	26.1	20.6	30.8



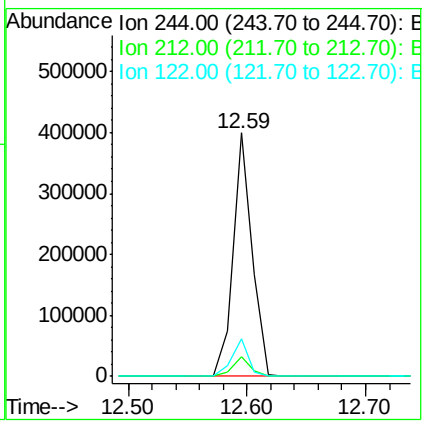


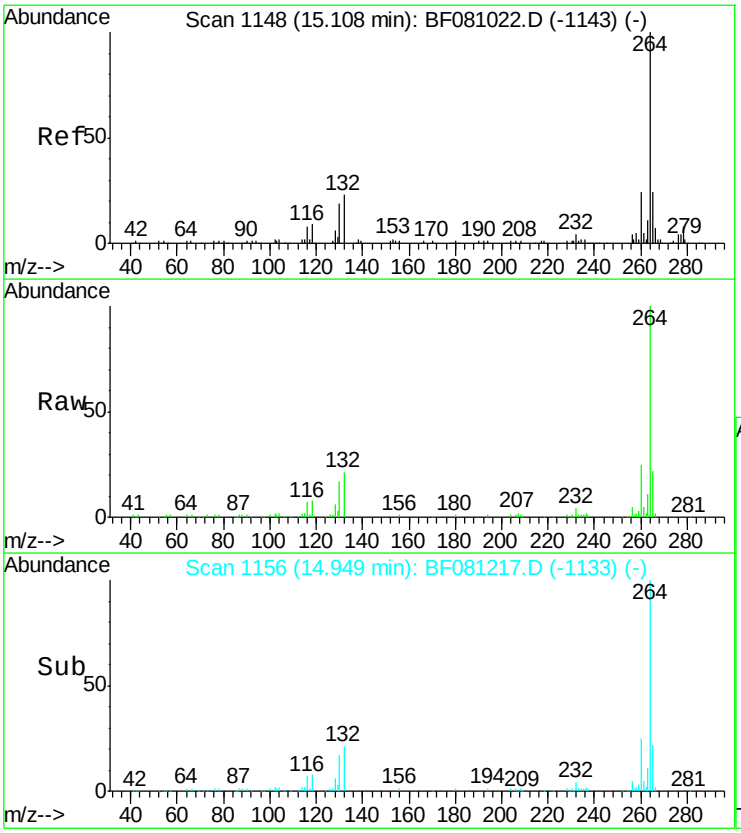
#78
Terphenyl-d14
Concen: 64.77 ng
RT: 12.59 min Scan# 950
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :
PB85190BL

Tgt Ion:244 Resp: 441787

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	15.6	8.2	12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1156
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion:264 Resp: 108681

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.0	17.5	26.3