Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081009.D
Acq On : 17 Aug 2015 18:08
Operator : UM/IZ
Sample : G3260-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS1(0-25ABGS)

Quant Time: Aug 18 01:06:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	62675	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	227023	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	109782	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	222097	20.00	ng	0.00
75) Chrysene-d12	13.75	240	180102	20.00	ng	0.00
86) Perylene-d12	15.10	264	129440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	433058	103.93	ng	0.02
7) Phenol-d6	6.27	99	605709	111.41	ng	0.01
23) Nitrobenzene-d5	7.20	82	476470	95.88	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	118870	124.91	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	732737	87.45	ng	0.00
78) Terphenyl-d14	12.72	244	630651	75.07	ng	0.01
Target Compounds						Qvalue

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

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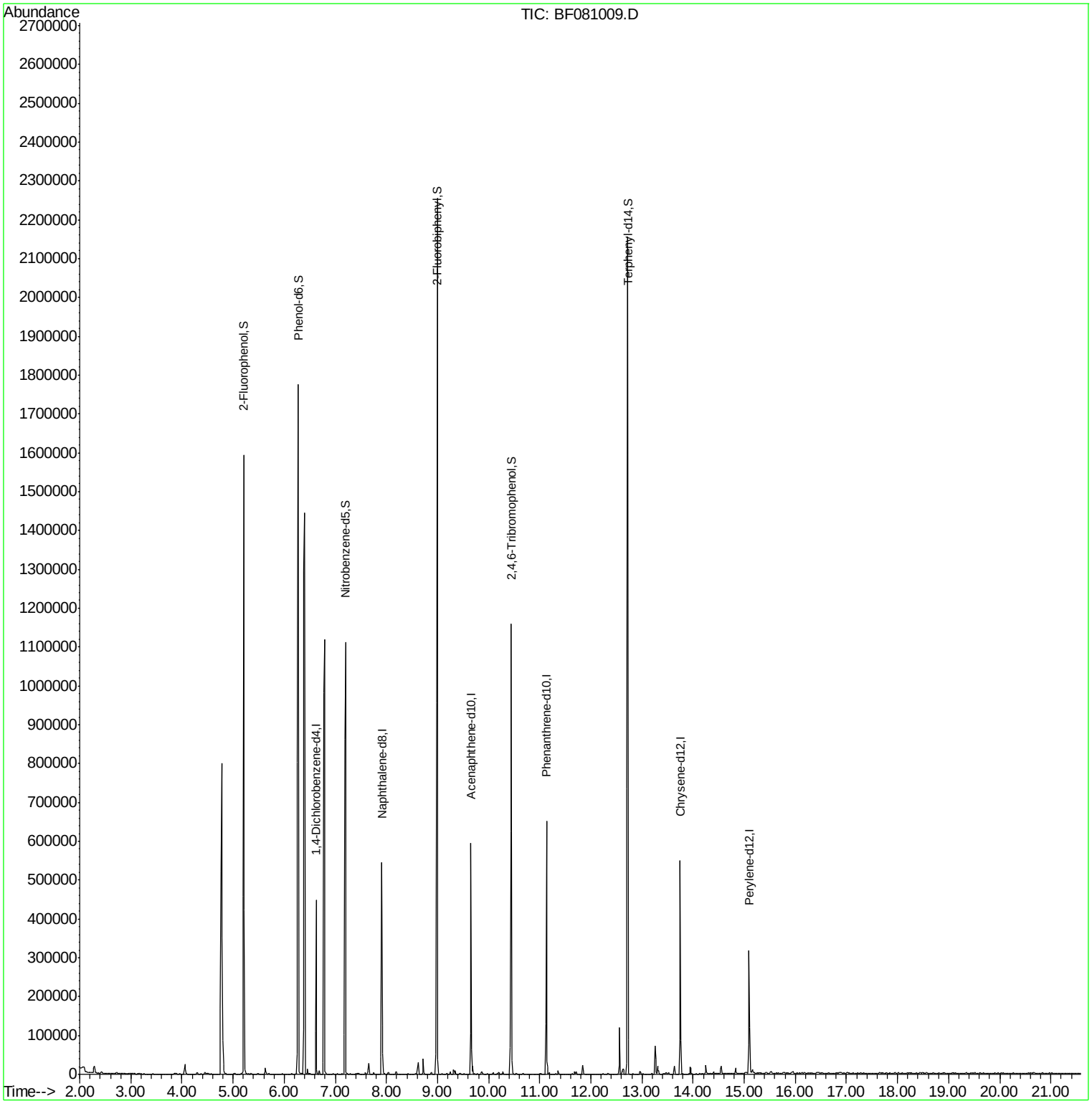
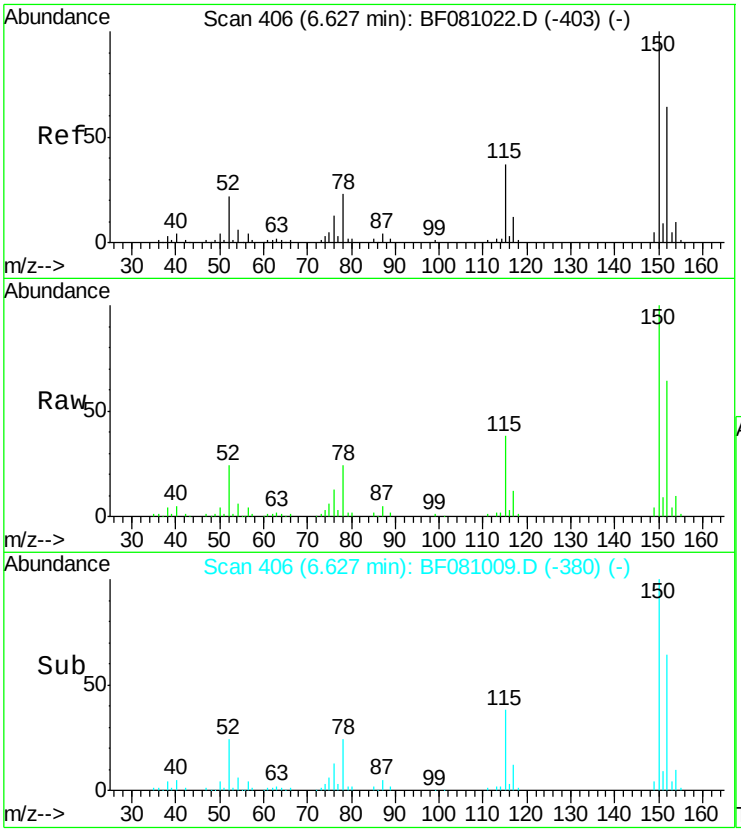


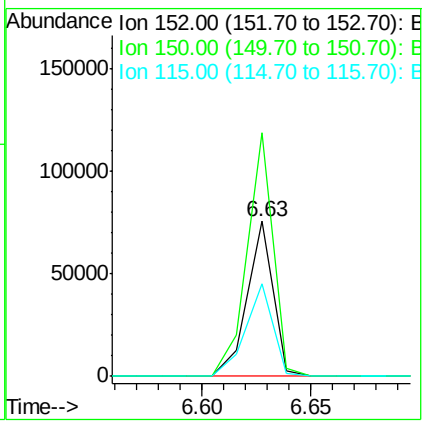


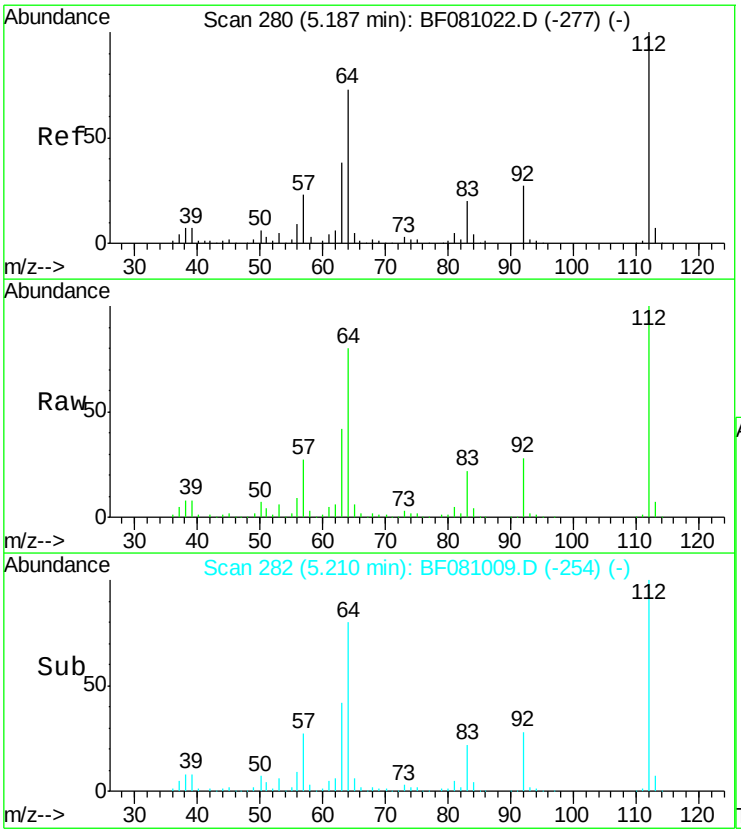
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tgt Ion:152 Resp: 62675

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	59.5	52.1	78.1

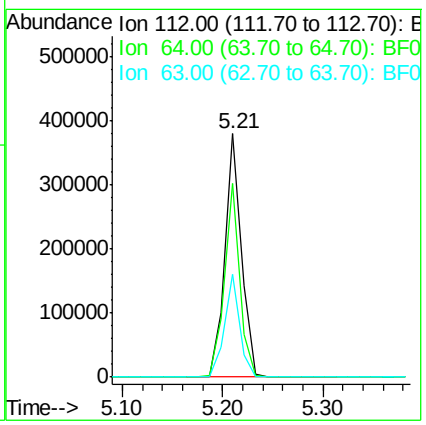


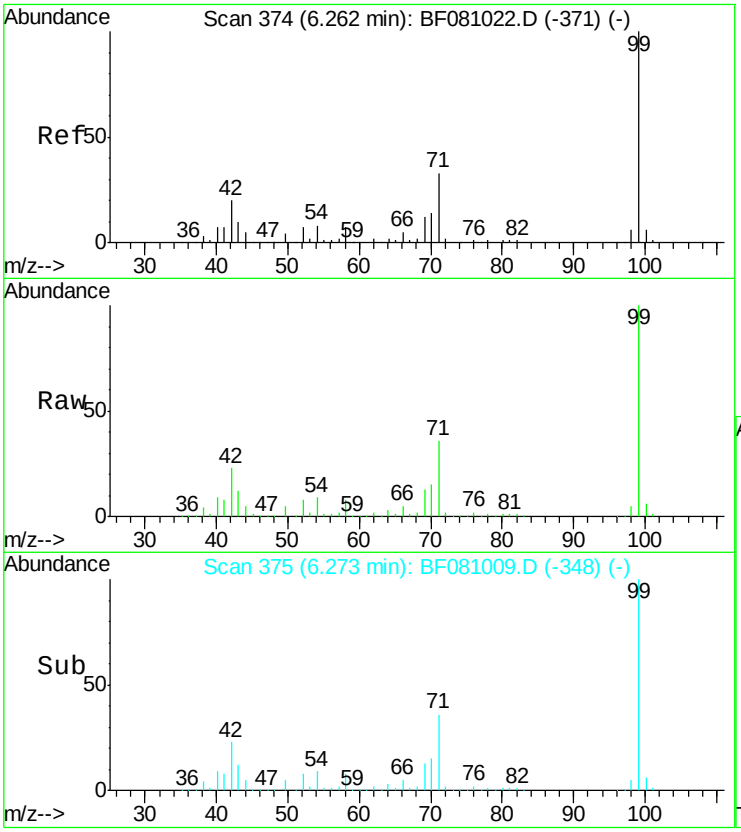


#5
2-Fluorophenol
Concen: 103.93 ng
RT: 5.21 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion:112 Resp: 433058

Ion	Ratio	Lower	Upper
112	100		
64	79.7	66.9	100.3
63	42.3	38.1	57.1



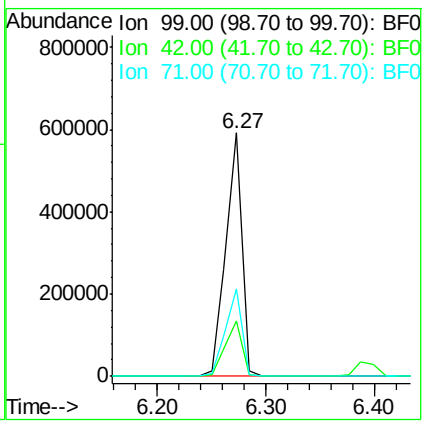


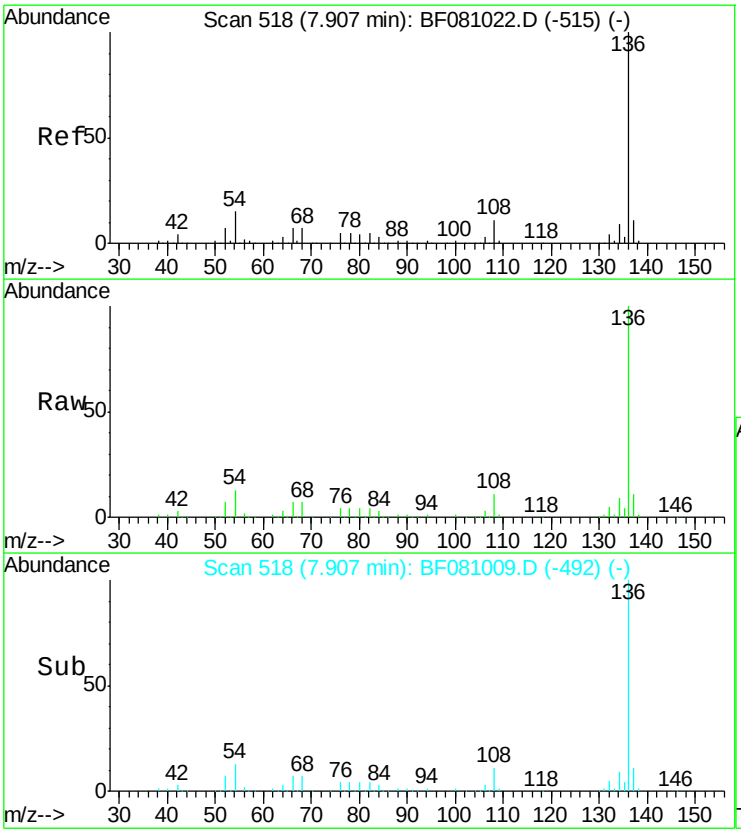
#7
Phenol-d6
Concen: 111.41 ng
RT: 6.27 min Scan# 375
Delta R.T. 0.01 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tgt Ion: 99 Resp: 605709

Ion	Ratio	Lower	Upper
99	100		
42	22.8	19.6	29.4
71	35.8	31.2	46.8

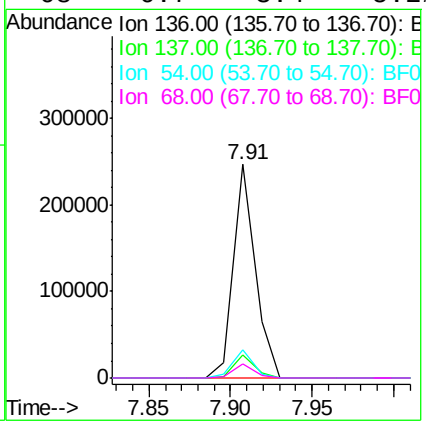


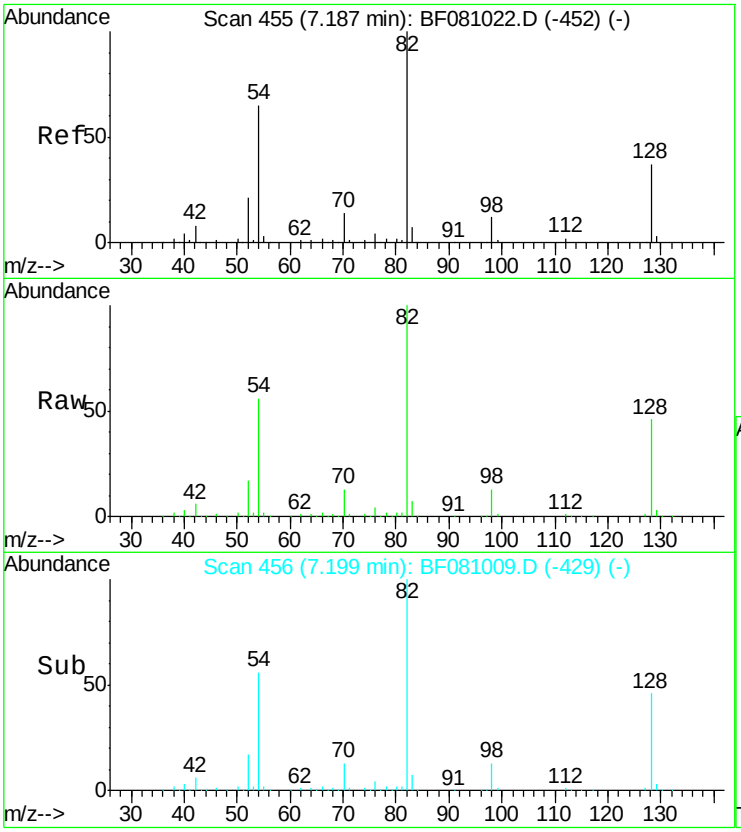


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion:136 Resp: 227023

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	13.2	7.7	11.5#
68	6.7	3.4	5.2#



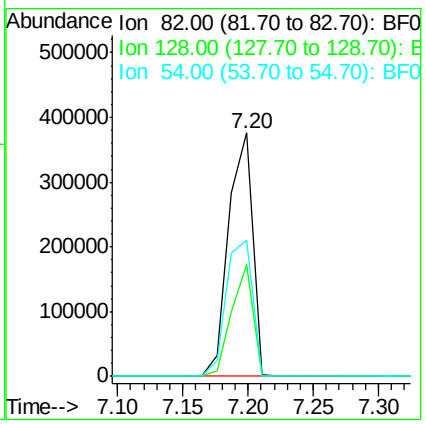


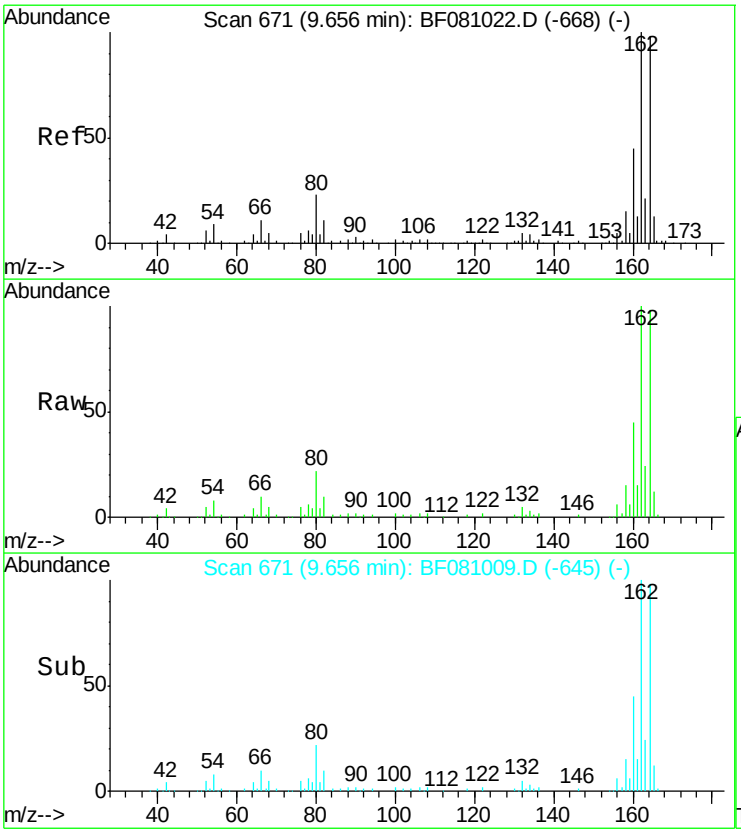
#23
Nitrobenzene-d5
Concen: 95.88 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tgt Ion: 82 Resp: 476470

Ion	Ratio	Lower	Upper
82	100		
128	45.9	28.6	42.8#
54	55.8	55.1	82.7

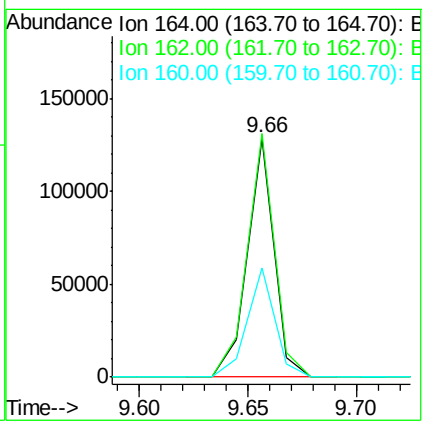


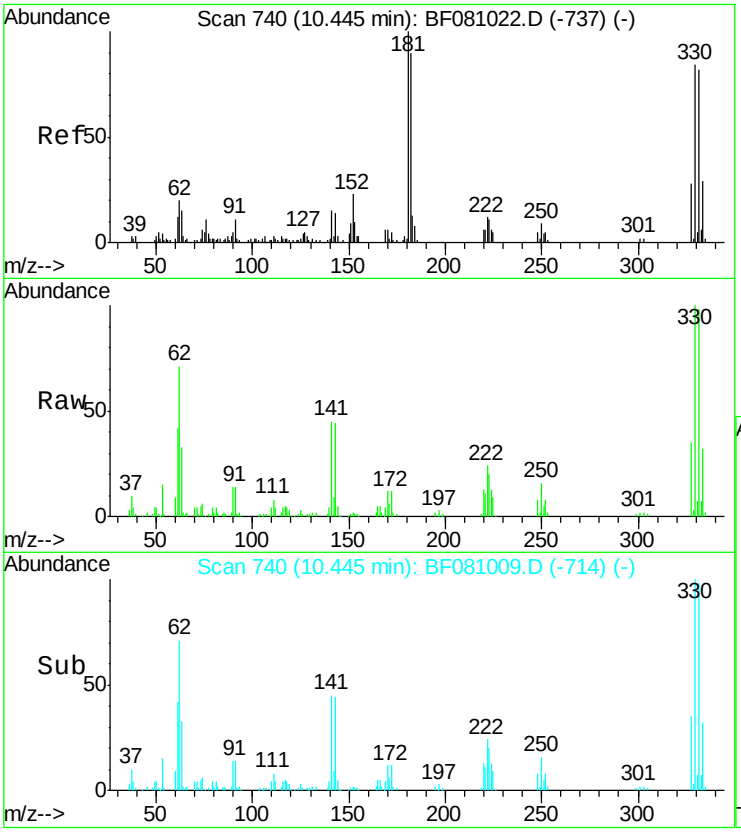


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion:164 Resp: 109782

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.8	125.8
160	45.4	39.8	59.8



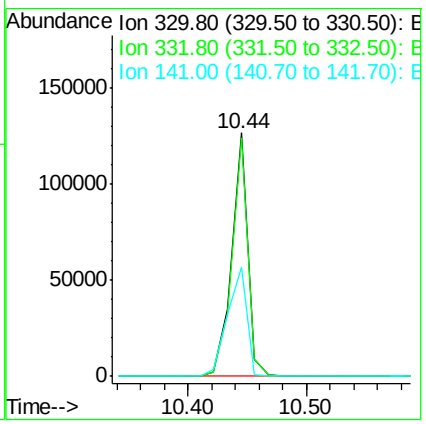


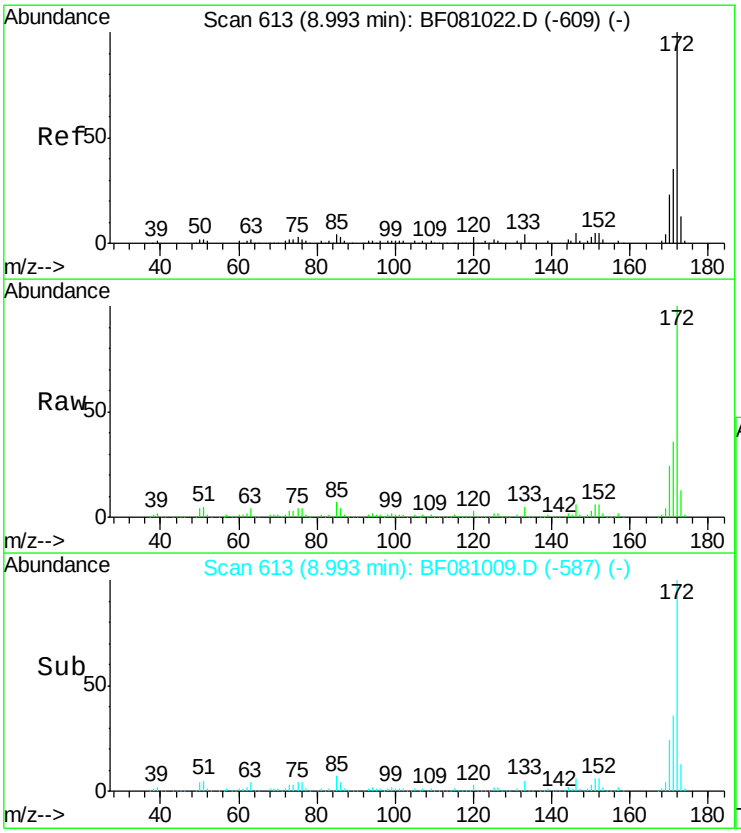
#41
2,4,6-Tribromophenol
Concen: 124.91 ng
RT: 10.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tgt Ion:330 Resp: 118870

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	54.2	44.9	67.3

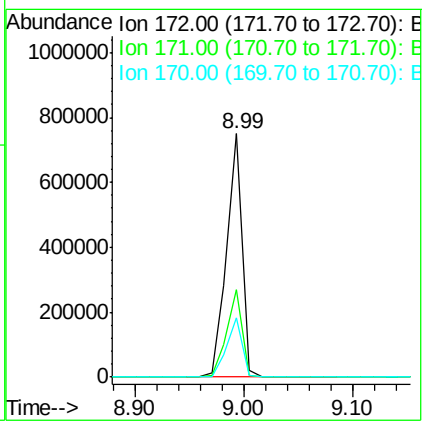


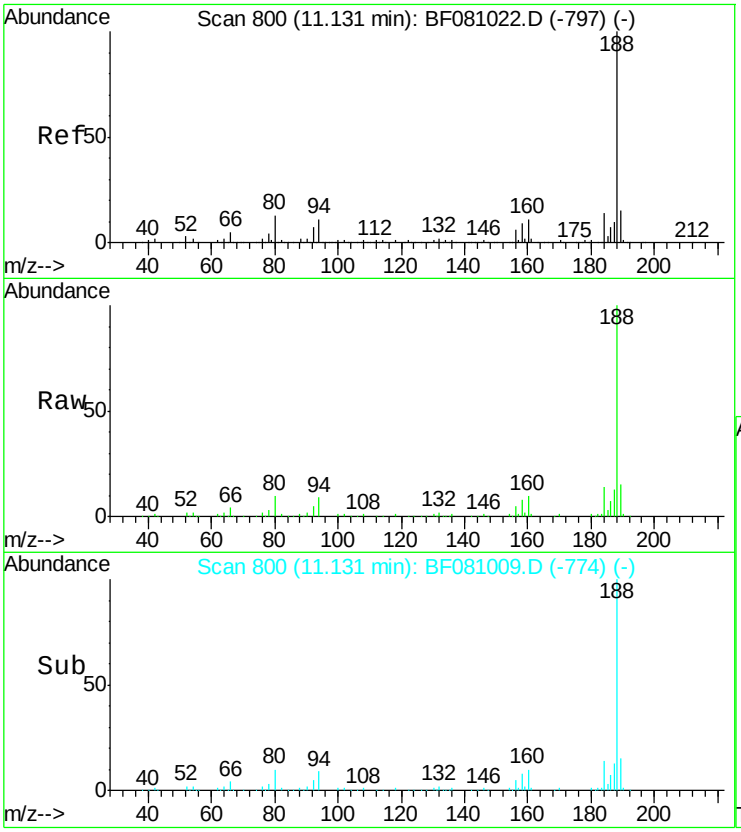


#44
2-Fluorobiphenyl
Concen: 87.45 ng
RT: 8.99 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion:172 Resp: 732737

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.2	19.4	29.2



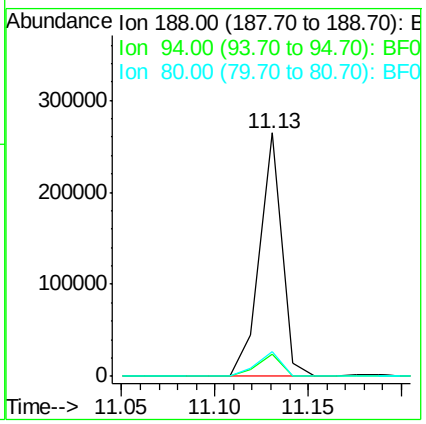


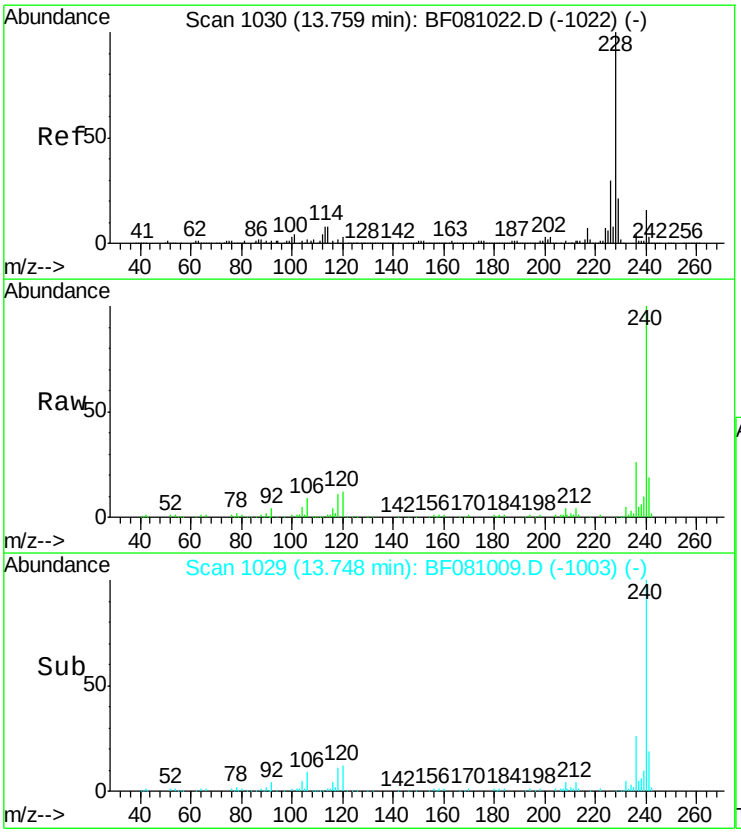
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tgt Ion:188 Resp: 222097

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	10.0	9.5	14.3

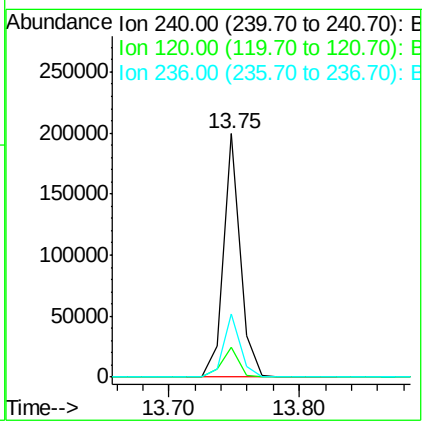


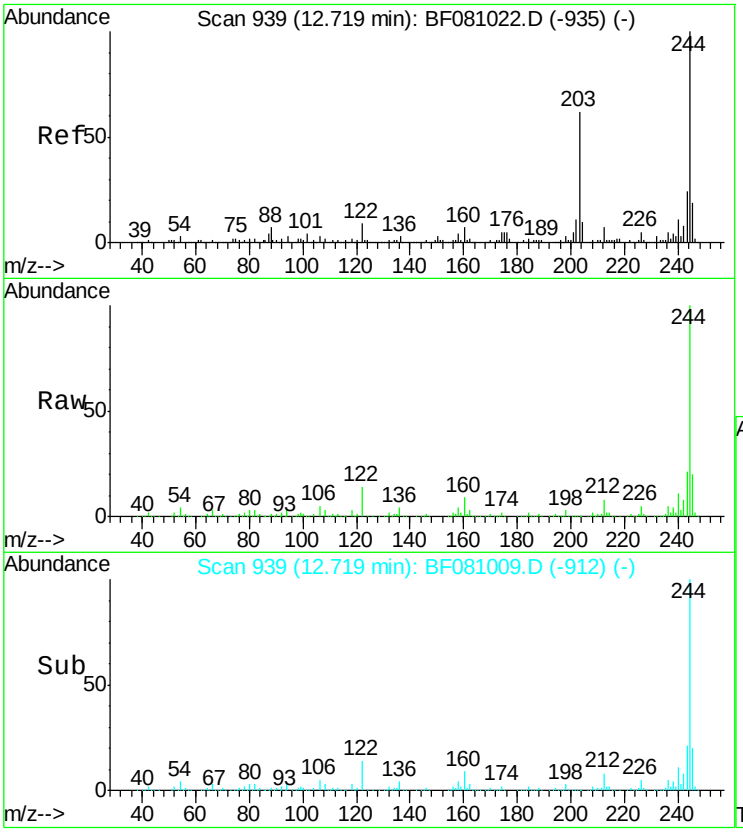


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion:240 Resp: 180102

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.6	8.4#
236	25.8	20.6	30.8



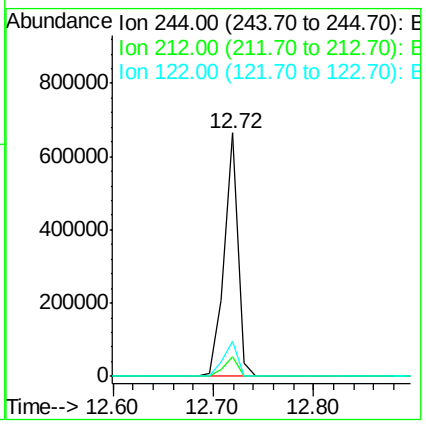


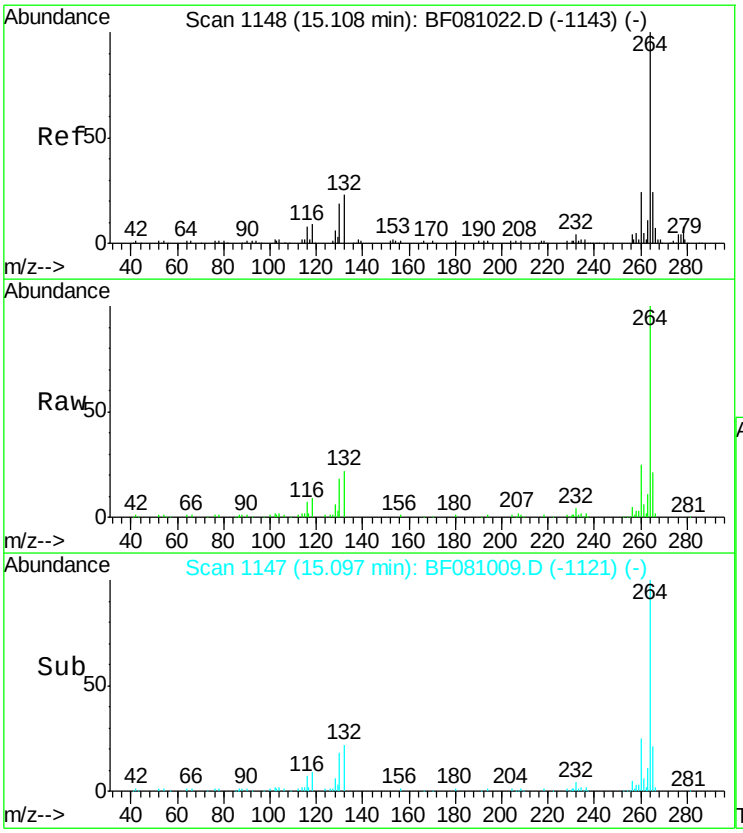
#78
Terphenyl-d14
Concen: 75.07 ng
RT: 12.72 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tgt Ion:244 Resp: 630651

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	14.3	8.2	12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion:264 Resp: 129440

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.2	17.5	26.3