Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081226.D
Acq On : 26 Aug 2015 22:19
Operator : UM/IZ
Sample : G3433-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES EFFLUENT CS-1

Quant Time: Aug 27 01:23:31 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	47216	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	170846	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	83685	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	158228	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	146916	20.00	ng	-0.04
86) Perylene-d12	14.95	264	107031	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	106736	34.00	ng	-0.02
7) Phenol-d6	6.16	99	88963	21.72	ng	-0.04
23) Nitrobenzene-d5	7.09	82	317072	84.78	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	60259	83.07	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	499913	78.27	ng	-0.02
78) Terphenyl-d14	12.59	244	465116	67.87	ng	-0.04
Target Compounds						Qvalue

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

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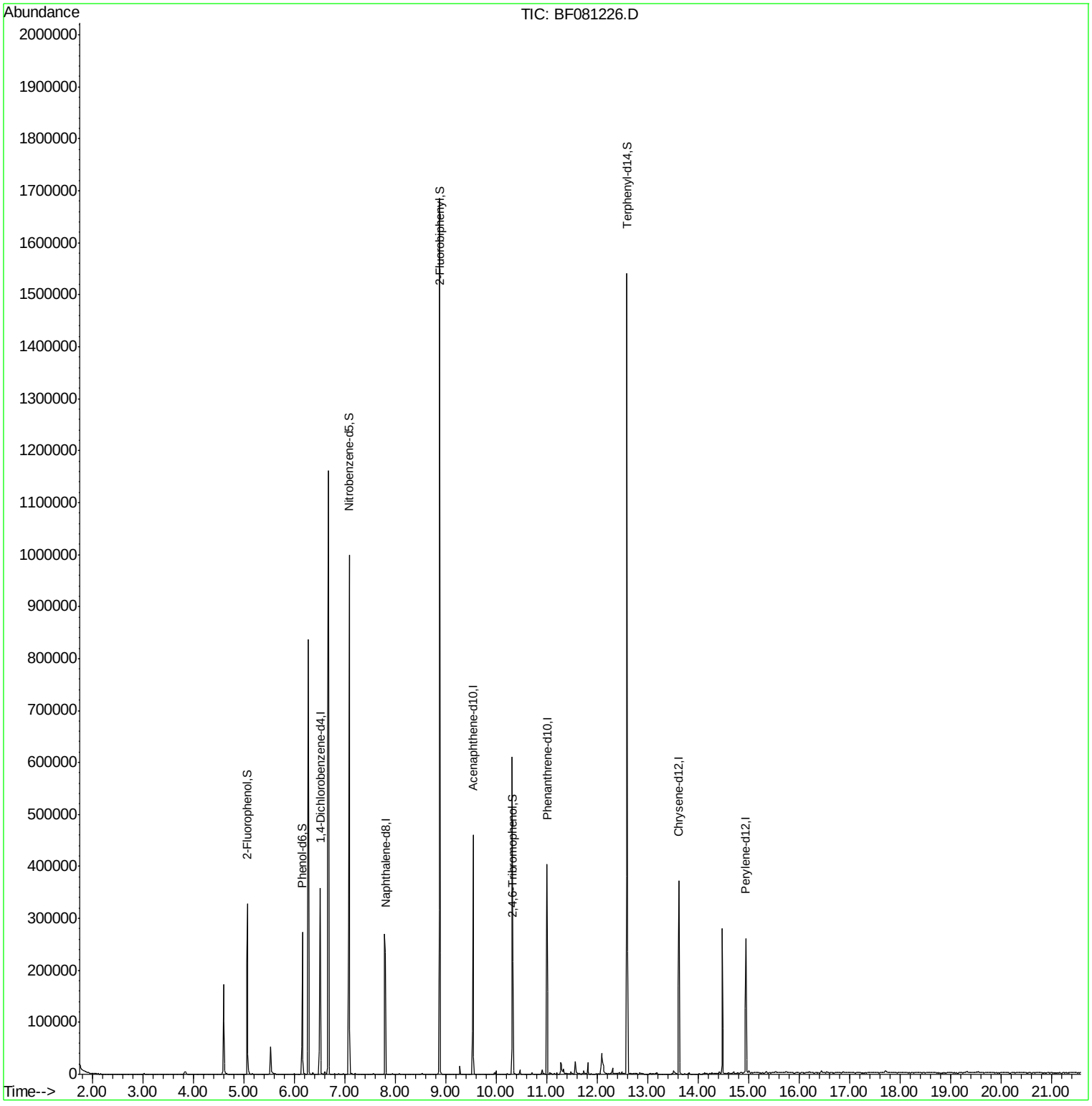
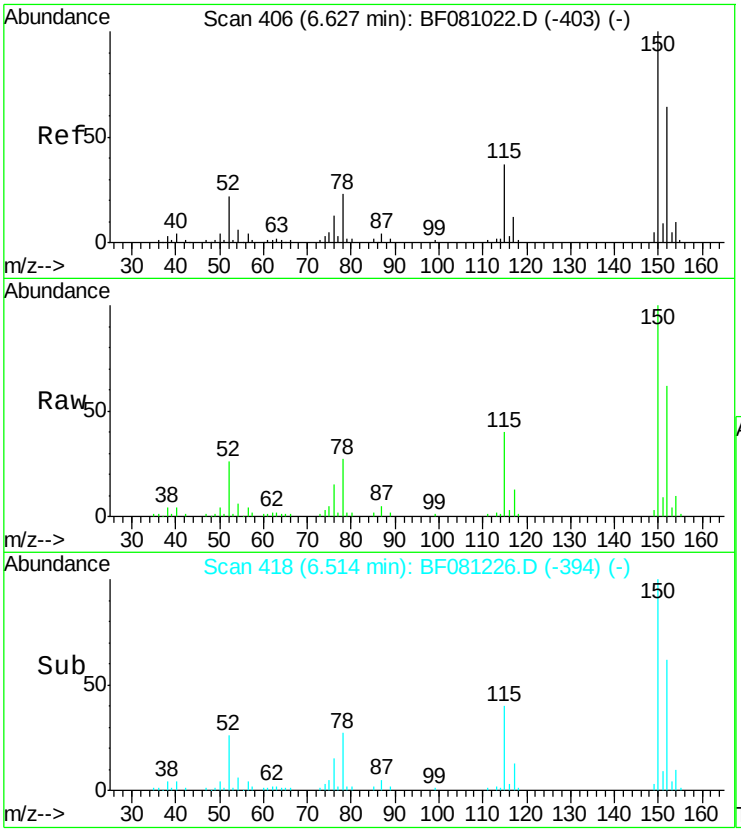


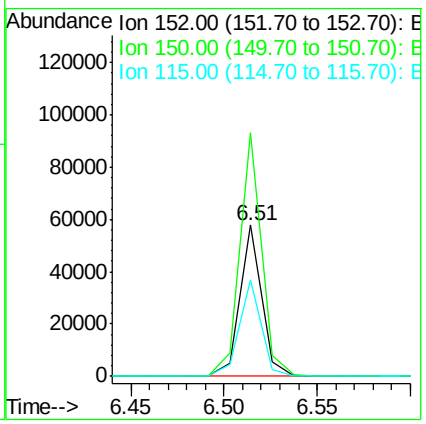


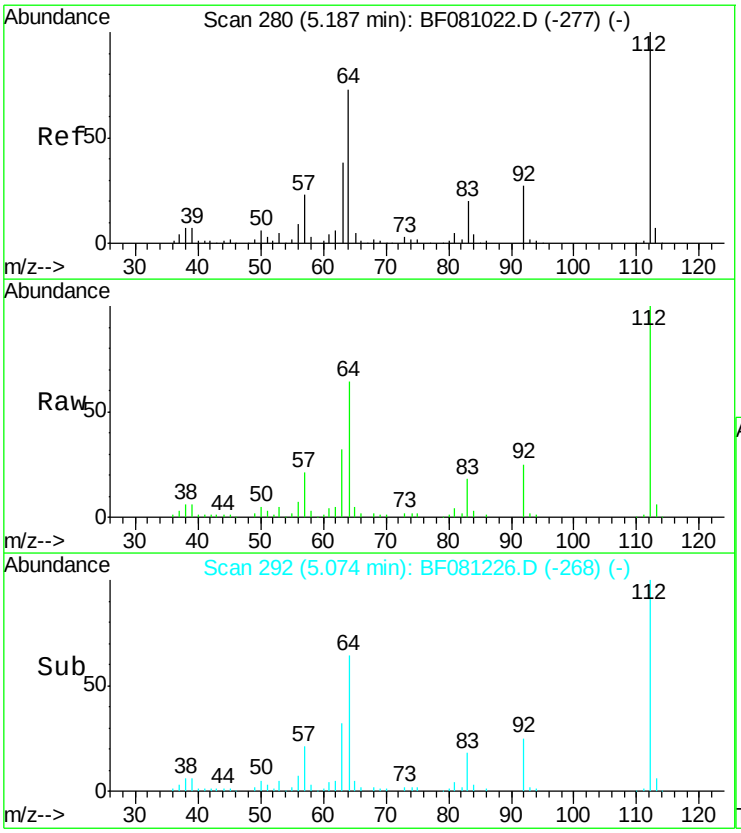
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Instrument :
BNA_F
ClientSampleId :
SES EFFLUENT CS-1

Tgt Ion:152 Resp: 47216

Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.8	185.6
115	64.0	52.1	78.1

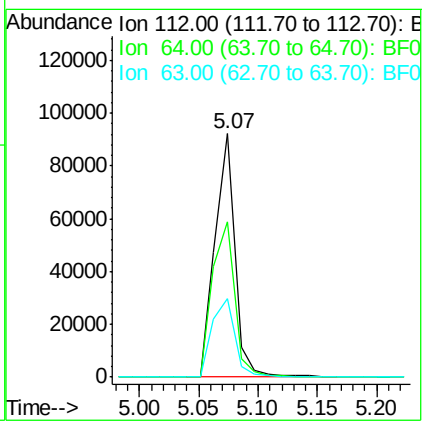


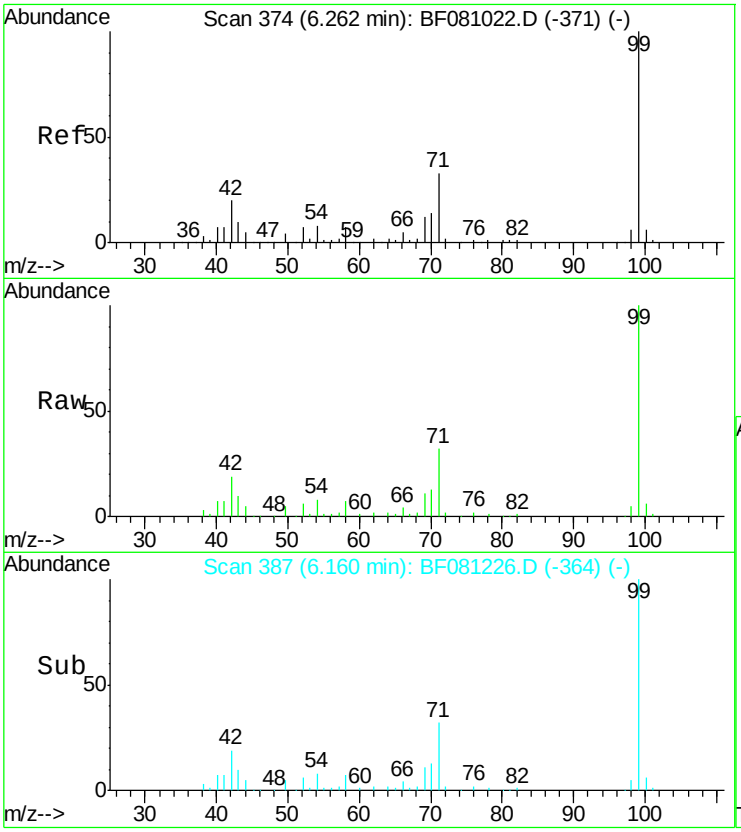


#5
2-Fluorophenol
Concen: 34.00 ng
RT: 5.07 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Tgt Ion:112 Resp: 106736

Ion	Ratio	Lower	Upper
112	100		
64	63.7	66.9	100.3#
63	32.4	38.1	57.1#



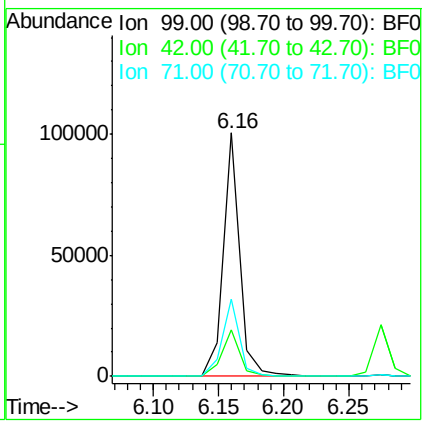


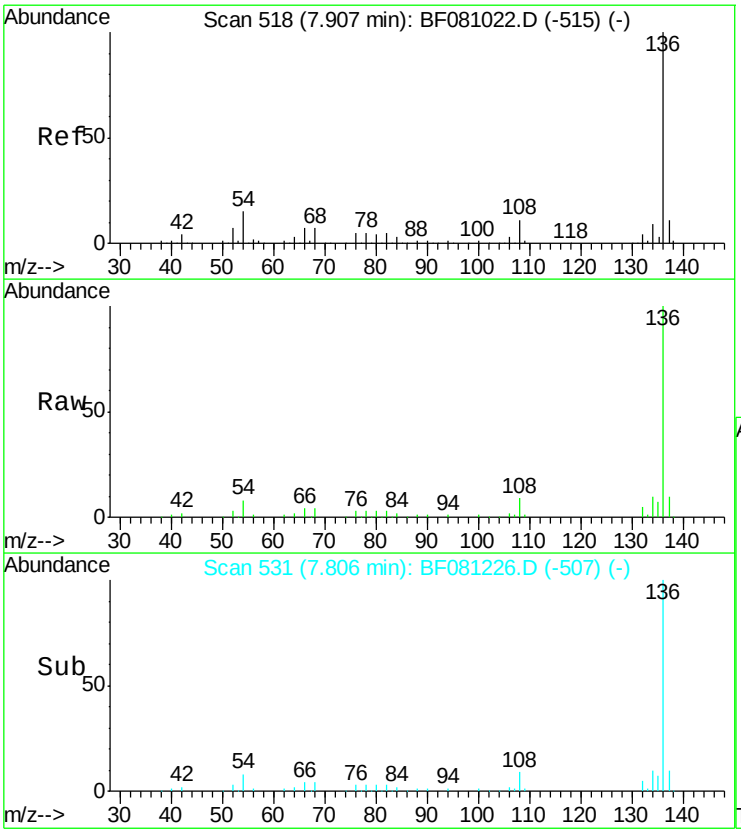
#7
Phenol-d6
Concen: 21.72 ng
RT: 6.16 min Scan# 387
Delta R.T. -0.04 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Instrument :
BNA_F
ClientSampleId :
SES EFFLUENT CS-1

Tgt Ion: 99 Resp: 88963

Ion	Ratio	Lower	Upper
99	100		
42	18.9	19.6	29.4#
71	31.7	31.2	46.8

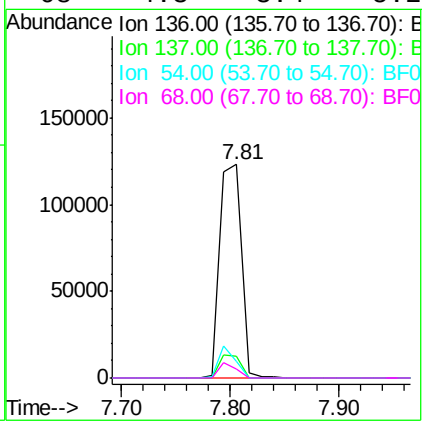


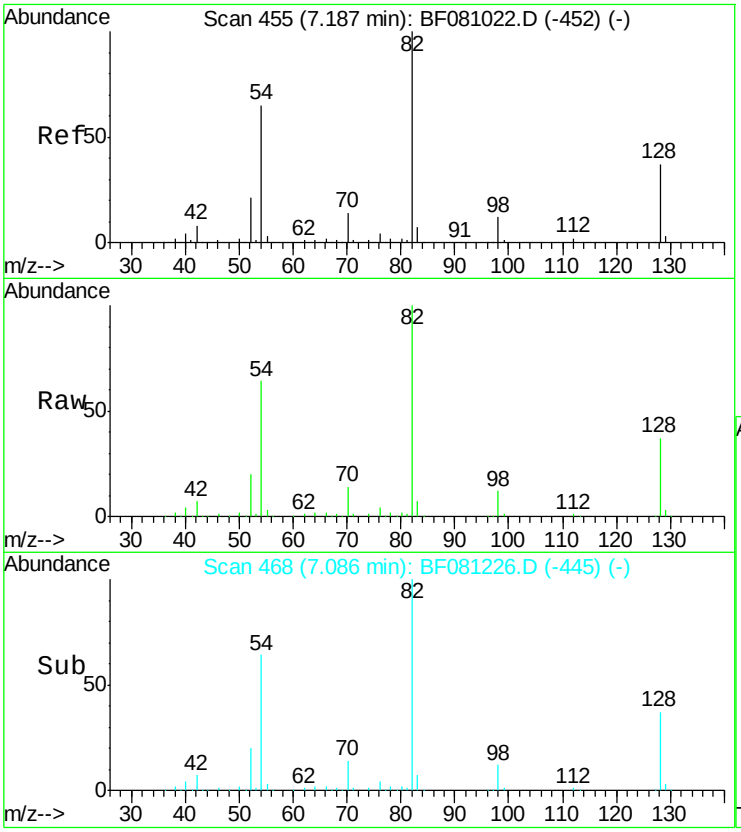


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Tgt Ion:136 Resp: 170846

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.9	7.7	11.5
68	4.3	3.4	5.2



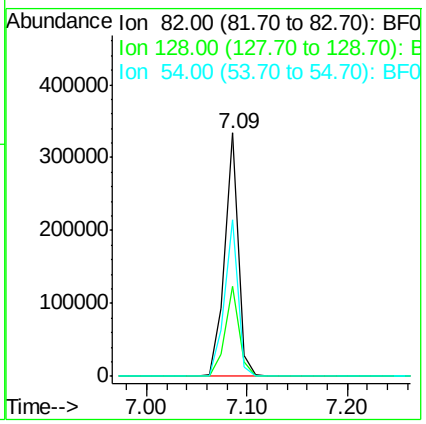


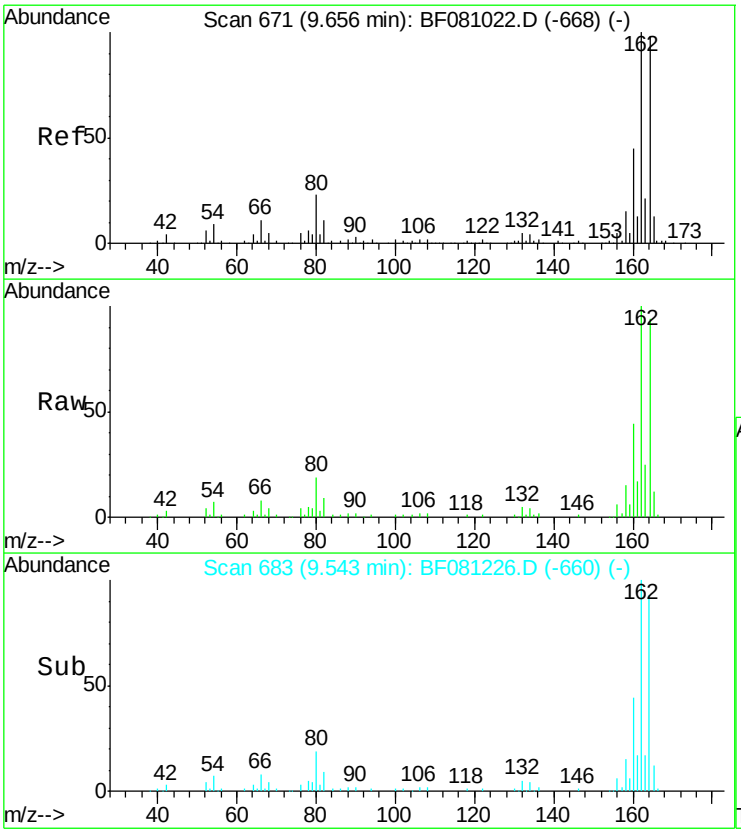
#23
Nitrobenzene-d5
Concen: 84.78 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.04 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Instrument :
BNA_F
ClientSampleId :
SES EFFLUENT CS-1

Tgt Ion: 82 Resp: 317072

Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.6	42.8
54	64.2	55.1	82.7

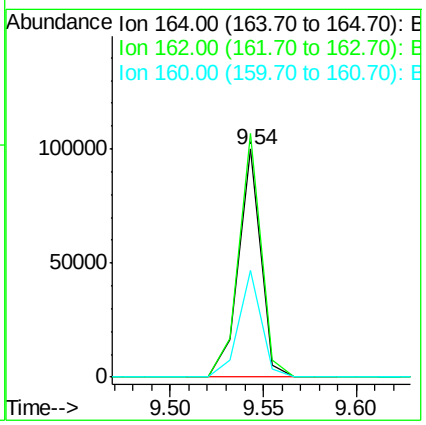


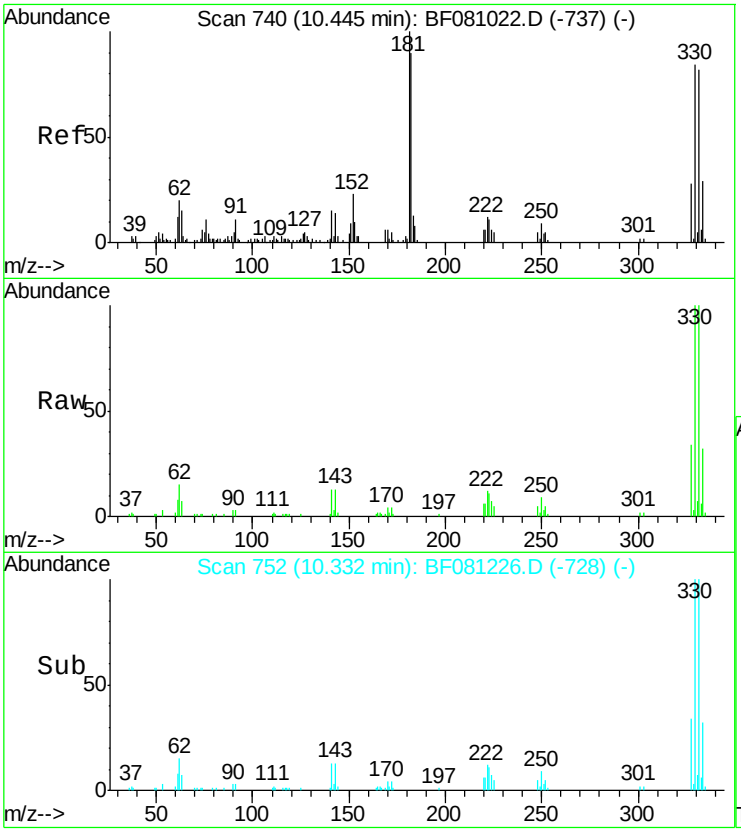


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 683
Delta R.T. -0.04 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Tgt Ion:164 Resp: 83685

Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.8	125.8
160	47.0	39.8	59.8



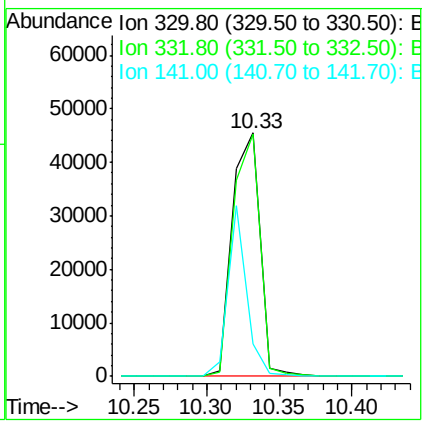


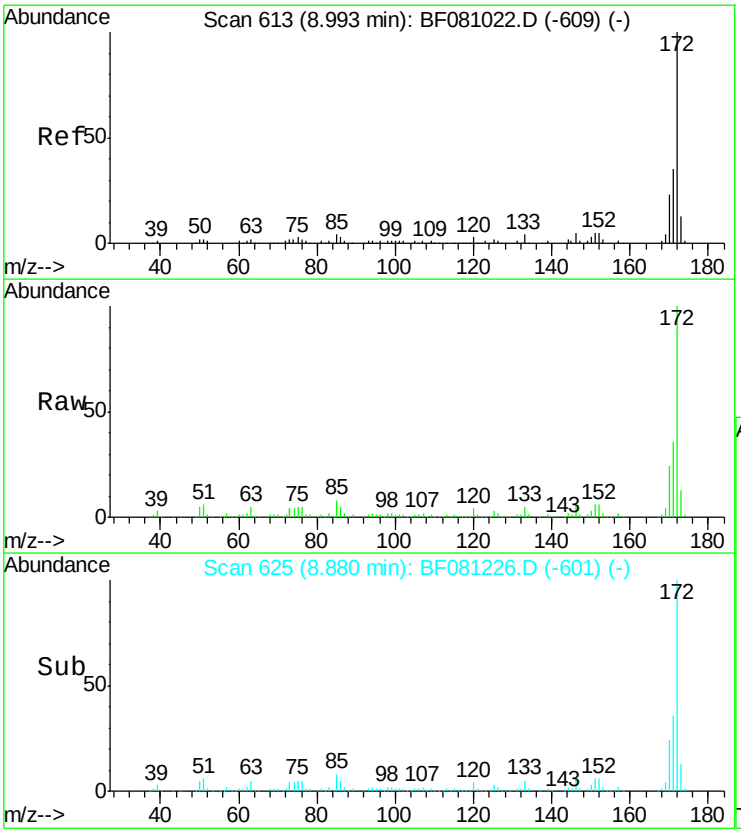
#41
2,4,6-Tribromophenol
Concen: 83.07 ng
RT: 10.33 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Instrument :
BNA_F
ClientSampleId :
SES EFFLUENT CS-1

Tgt Ion:330 Resp: 60259

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	47.2	44.9	67.3

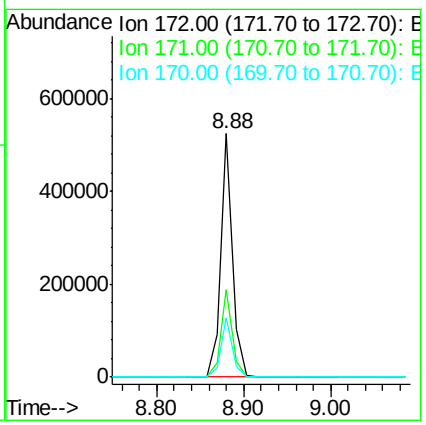


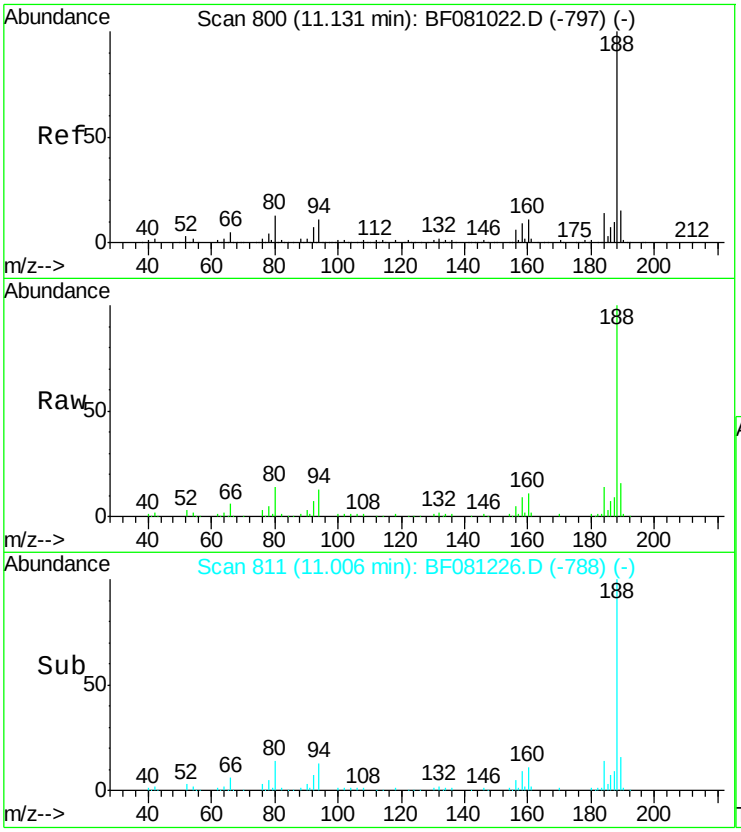


#44
2-Fluorobiphenyl
Concen: 78.27 ng
RT: 8.88 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Tgt Ion:172 Resp: 499913

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.5	19.4	29.2



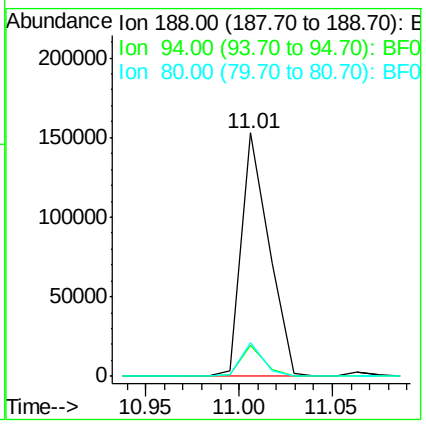


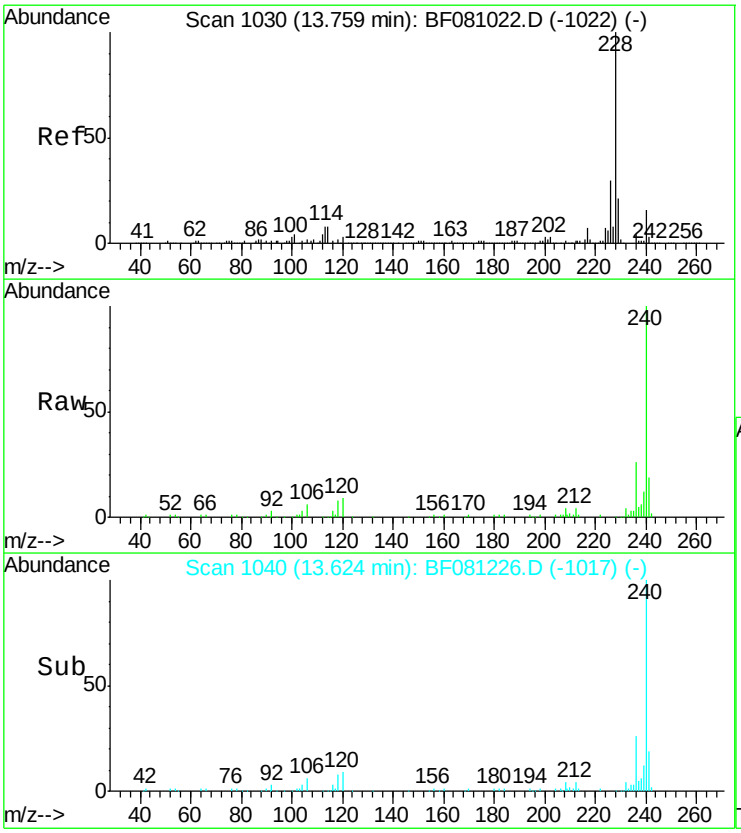
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. -0.04 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Instrument :
BNA_F
ClientSampleId :
SES EFFLUENT CS-1

Tgt Ion:188 Resp: 158228

Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.2	12.2#
80	14.0	9.5	14.3

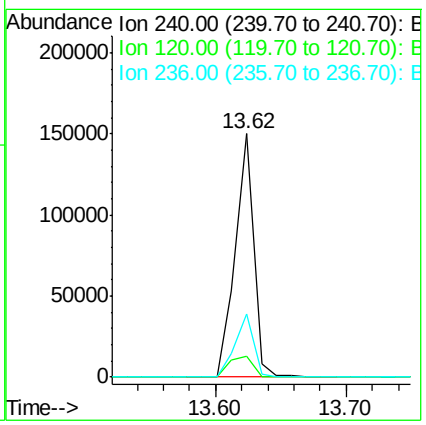


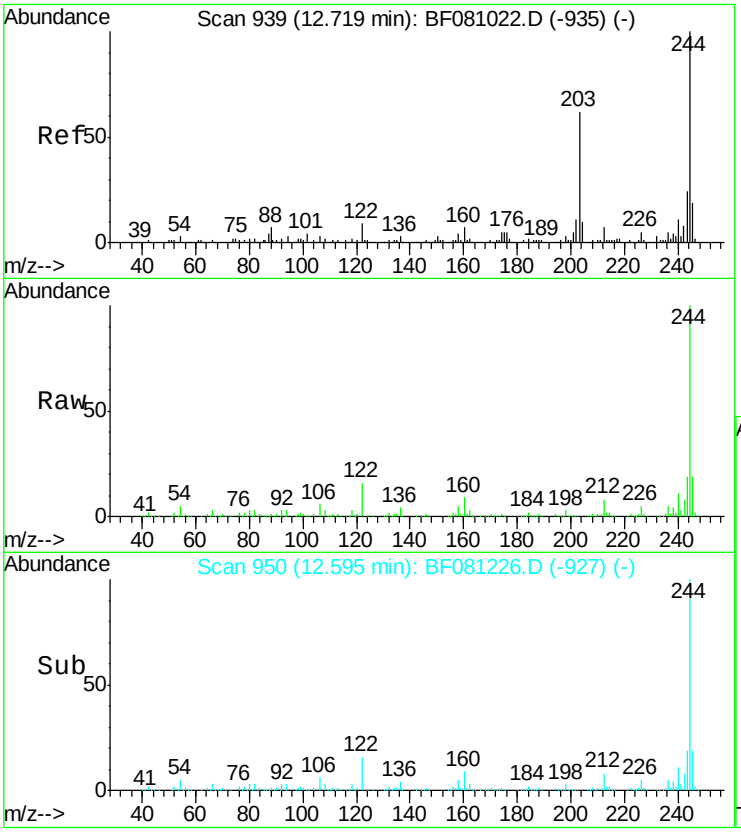


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Tgt Ion:240 Resp: 146916

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.6	8.4#
236	25.8	20.6	30.8



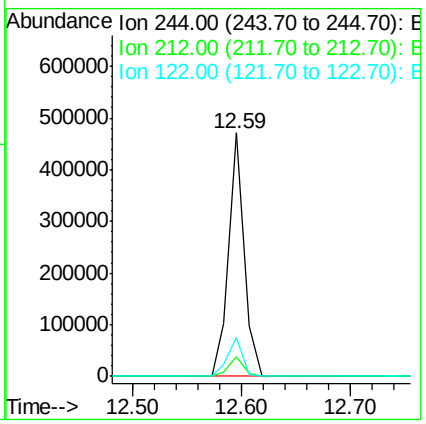


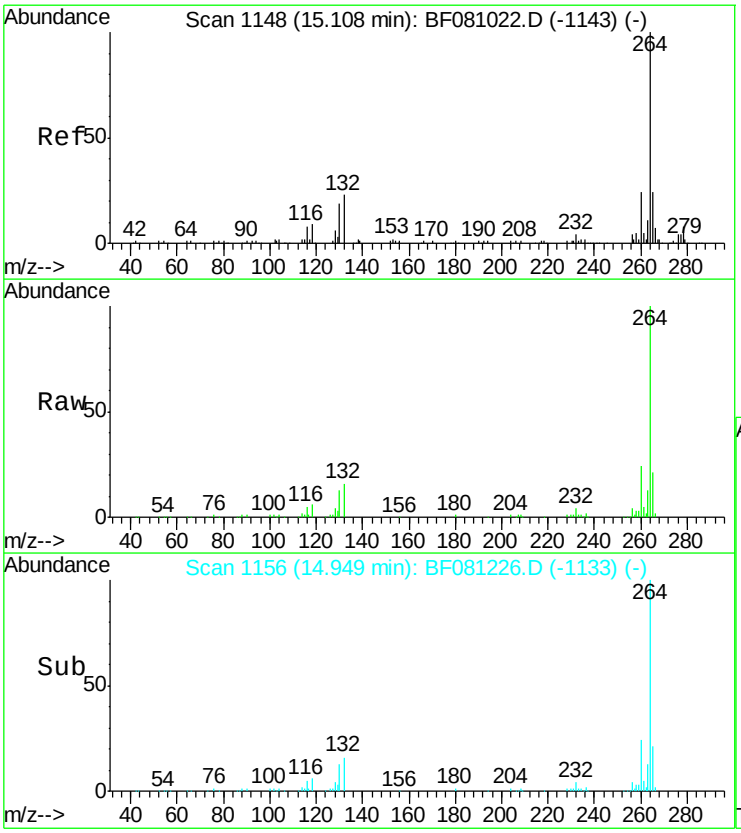
#78
Terphenyl-d14
Concen: 67.87 ng
RT: 12.59 min Scan# 950
Delta R.T. -0.04 min
Lab File: BF081226.D
Acq: 26 Aug 2015 22:19

Instrument :
BNA_F
ClientSampleId :
SES EFFLUENT CS-1

Tgt Ion:244 Resp: 465116

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	15.7	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: BF081226.D
Acq: 26 Aug 2015 22:19

Tgt Ion:264 Resp: 107031

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.6	17.5	26.3