Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086151.D
Acq On : 8 Apr 2016 1:20
Operator : UM/SJ
Sample : H2282-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-08(0.5-20.0)

Quant Time: Apr 08 03:58:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	102640	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	442740	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	194615	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	378160	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	249800	20.00	ng	-0.03
86) Perylene-d12	15.29	264	192413	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	762660	127.01	ng	-0.03
7) Phenol-d6	6.38	99	993703	130.28	ng	-0.03
23) Nitrobenzene-d5	7.31	82	602413	80.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	255540	139.90	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	861792	73.63	ng	-0.05
78) Terphenyl-d14	12.84	244	929495	87.47	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	130735	9.06	ng	99

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

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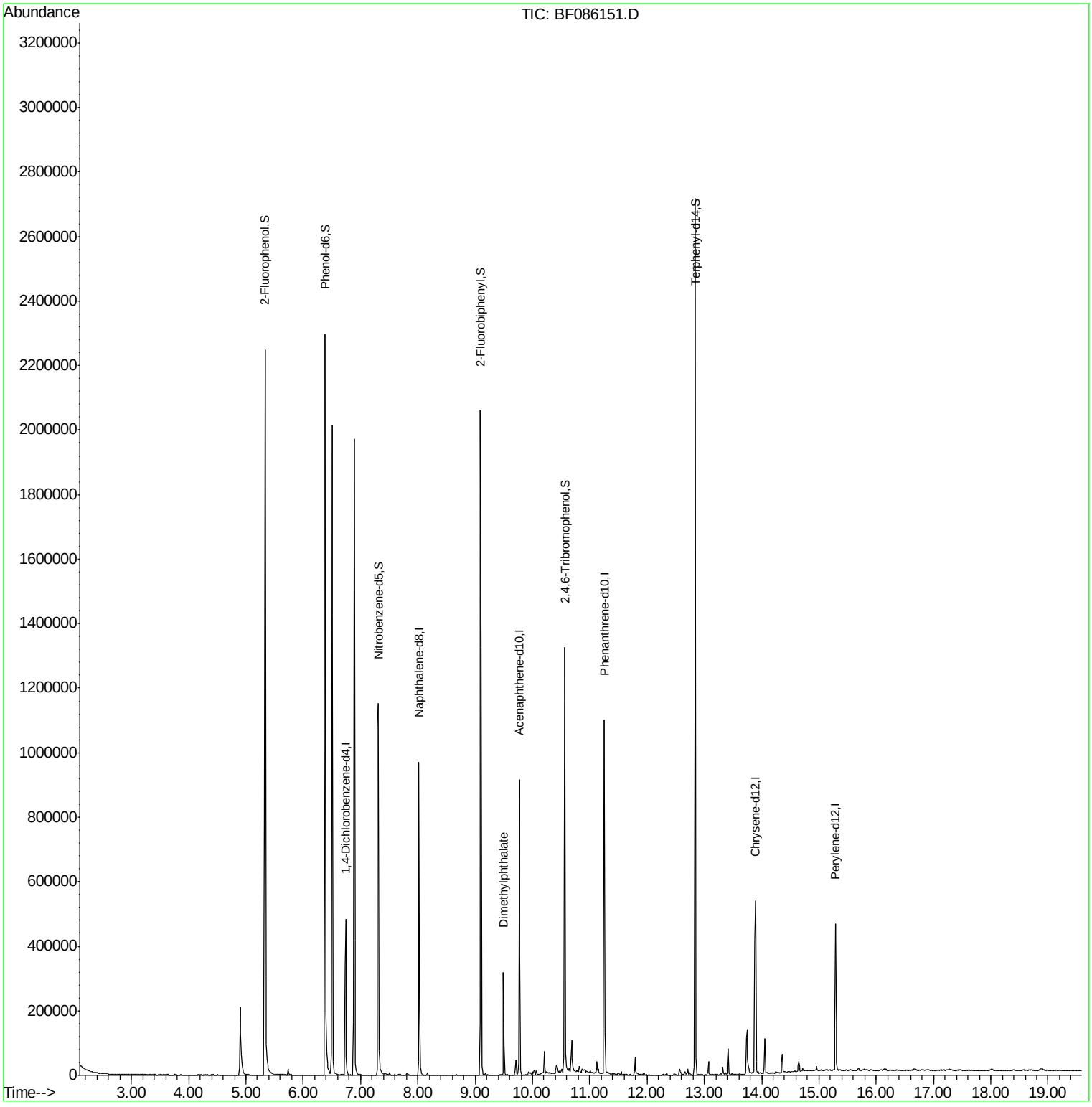
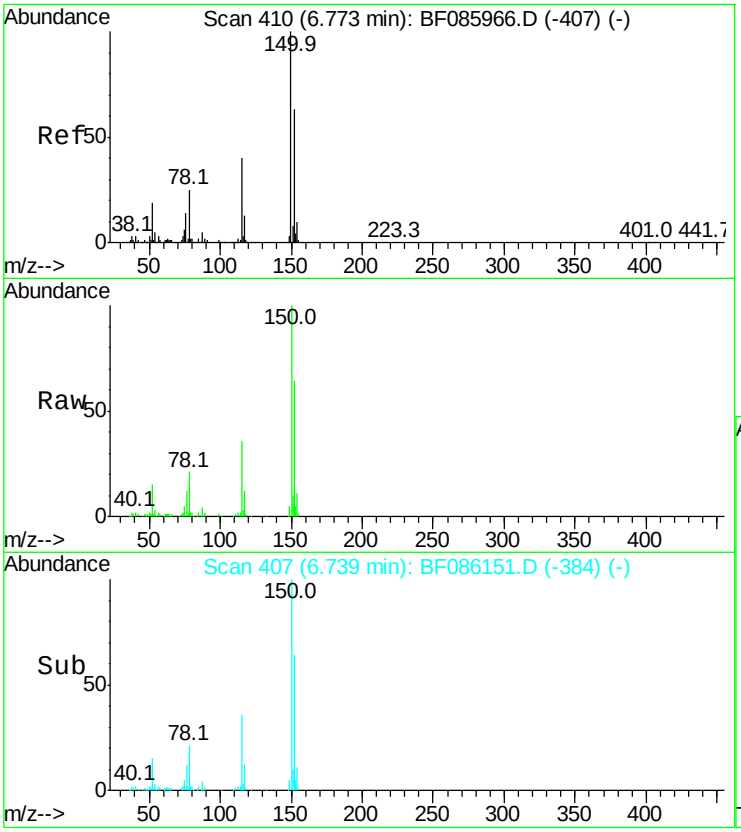


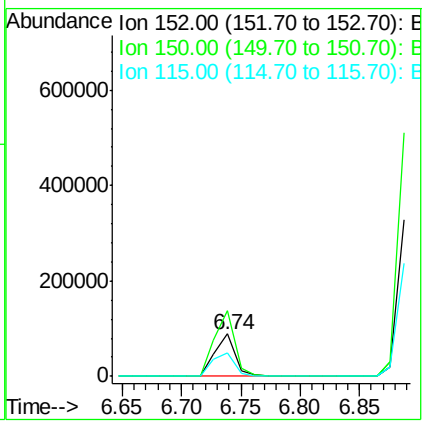


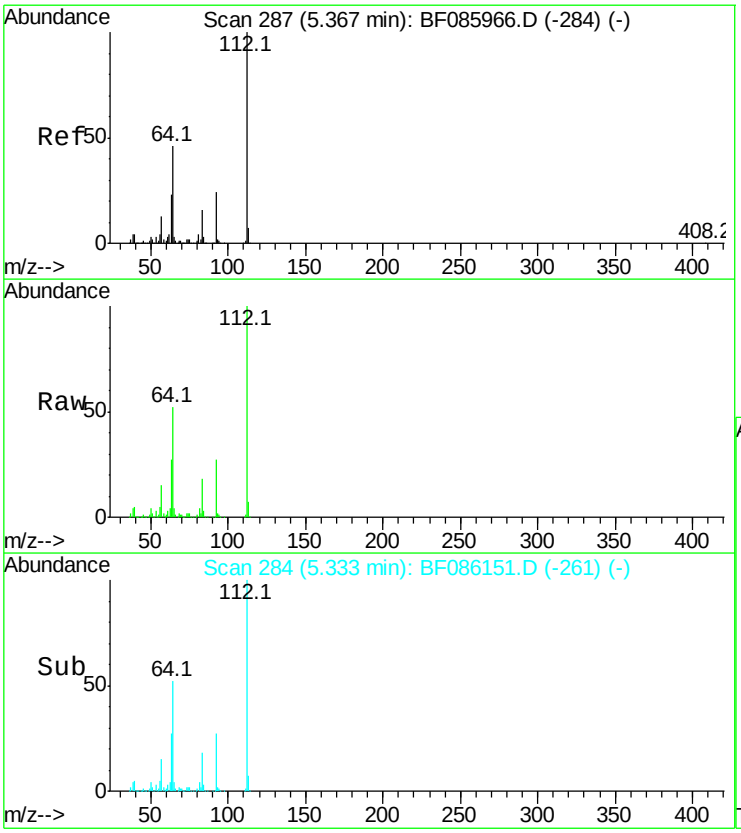
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion:152 Resp: 102640

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	56.9	47.0	70.6

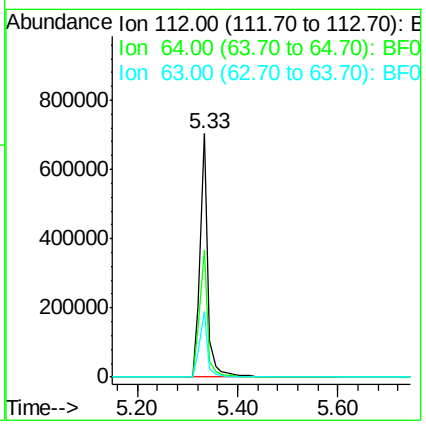


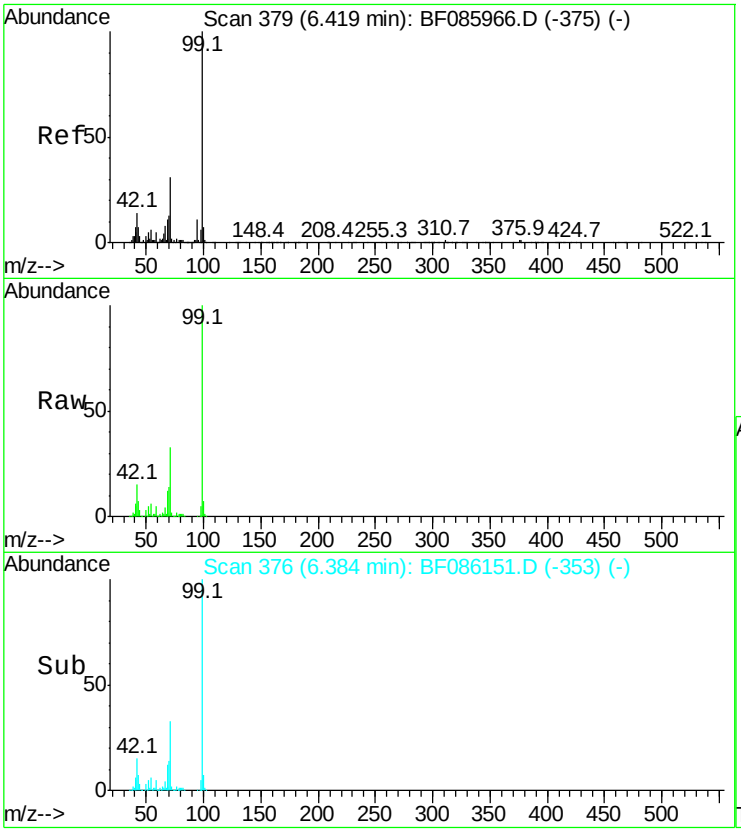


#5
2-Fluorophenol
Concen: 127.01 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:112 Resp: 762660

Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.9	59.9
63	26.7	20.2	30.2



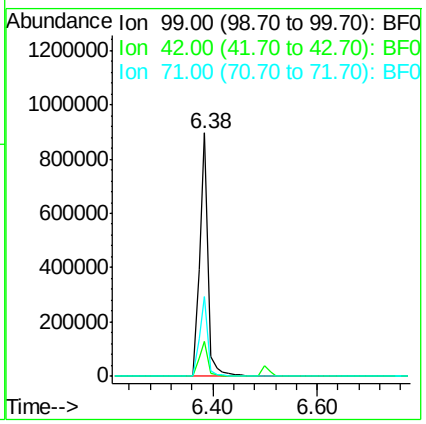


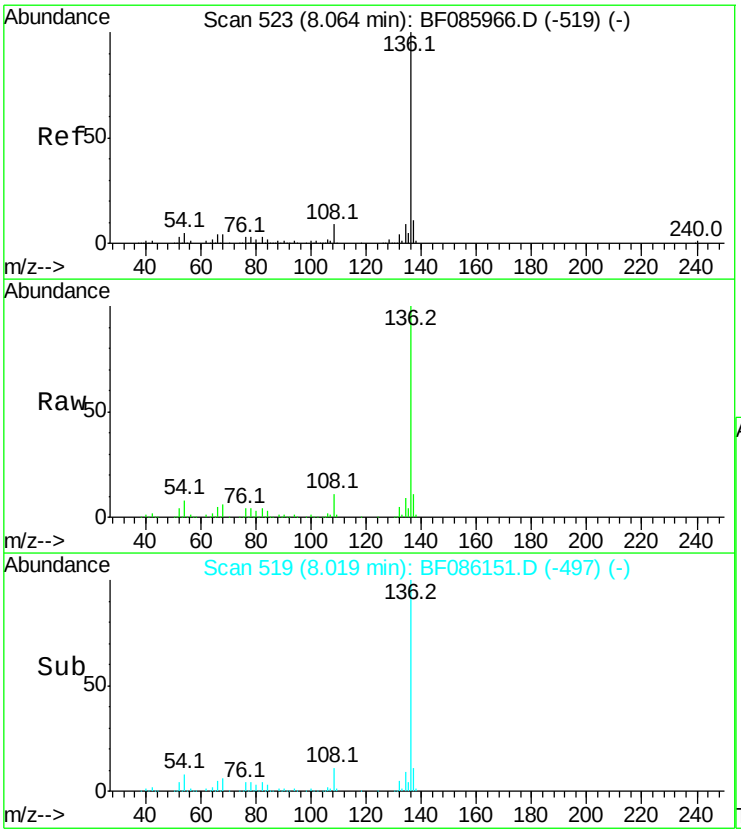
#7
Phenol-d6
Concen: 130.28 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion: 99 Resp: 993703

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.1	16.7
71	32.8	24.9	37.3

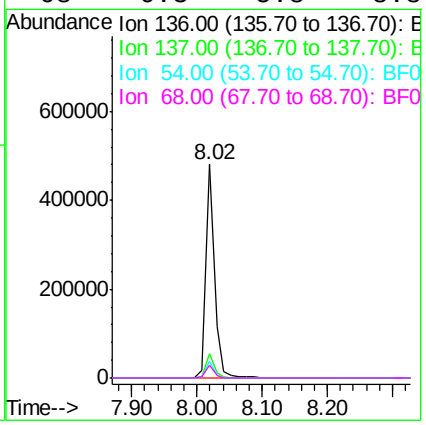


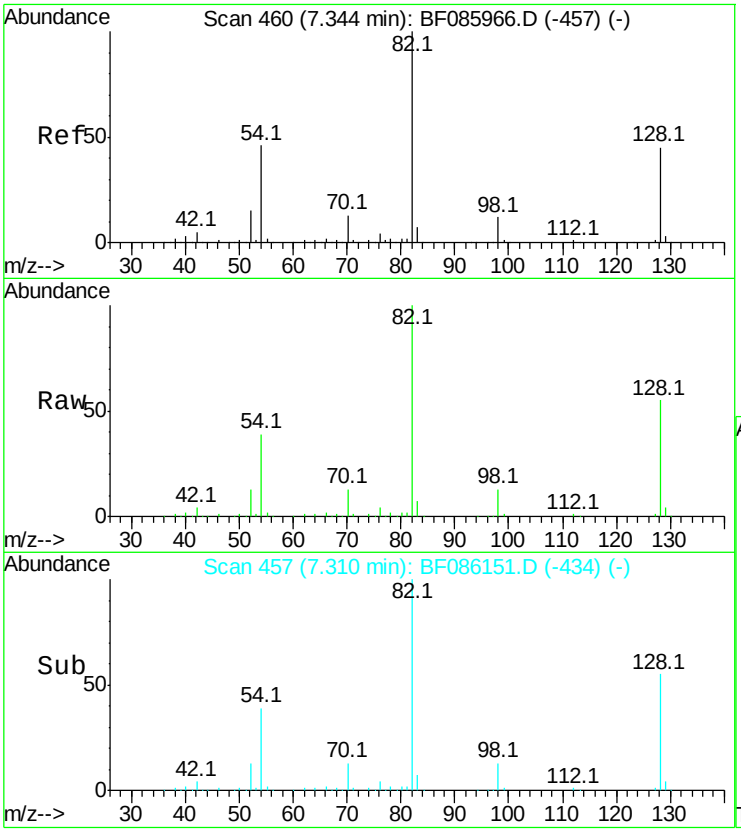


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:136 Resp: 442740

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	7.4	11.0
68	6.3	5.8	8.8



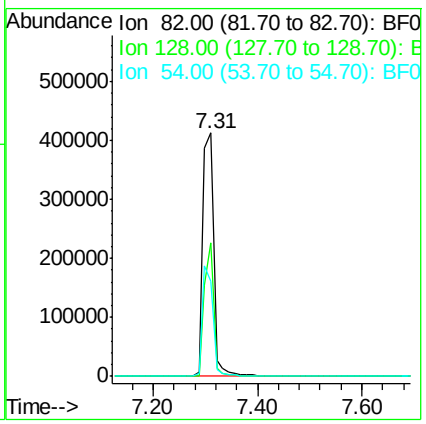


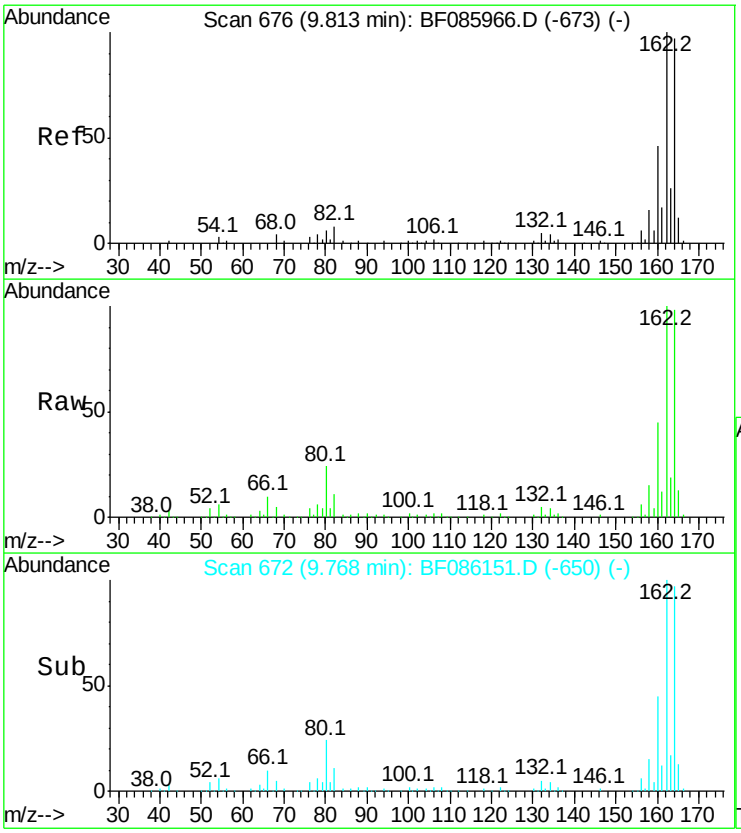
#23
Nitrobenzene-d5
Concen: 80.24 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion: 82 Resp: 602413

Ion	Ratio	Lower	Upper
82	100		
128	54.8	41.8	62.8
54	39.2	33.4	50.0

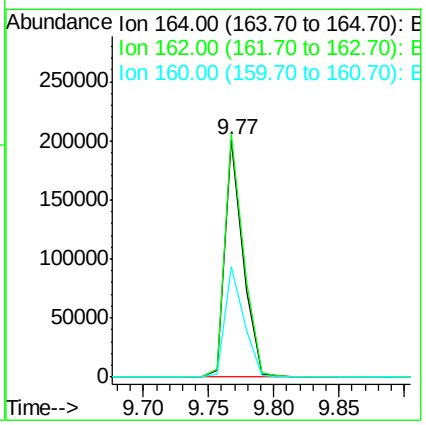


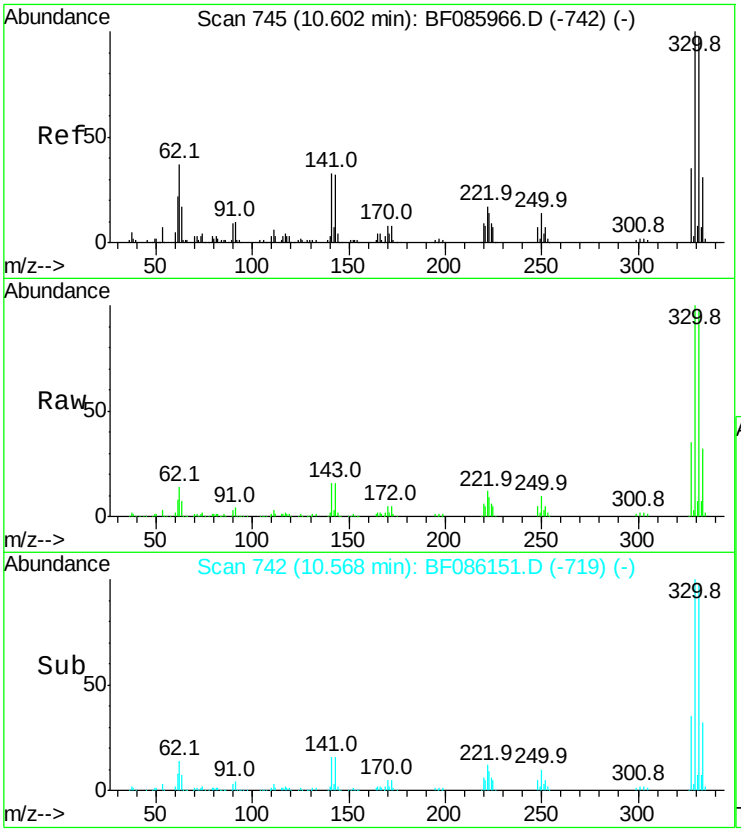


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:164 Resp: 194615

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	46.5	37.4	56.2



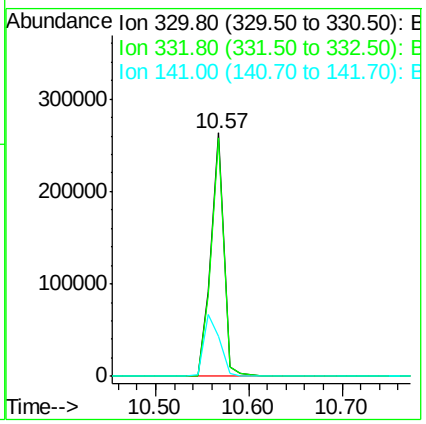


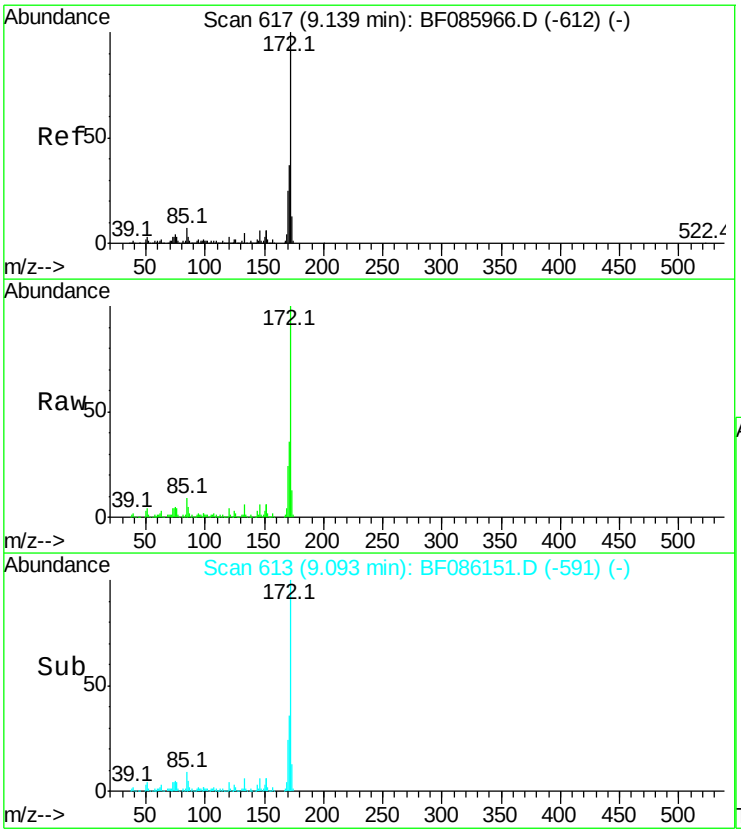
#41
2,4,6-Tribromophenol
Concen: 139.90 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion:330 Resp: 255540

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	31.6	31.5	47.3

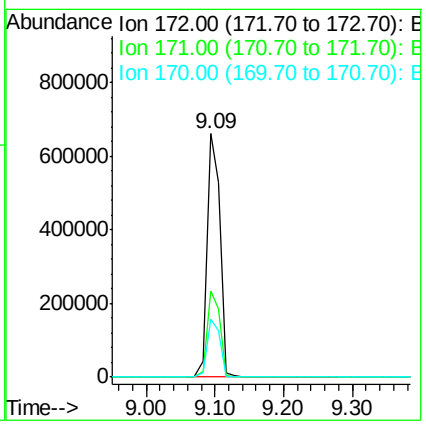


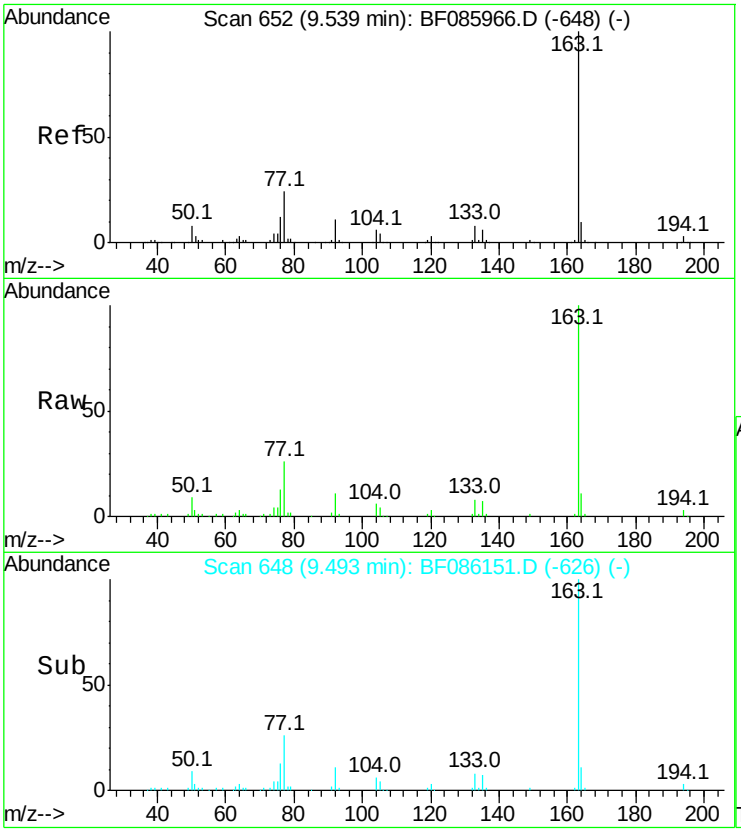


#44
2-Fluorobiphenyl
Concen: 73.63 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:172 Resp: 861792

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.2
170	23.7	19.8	29.6



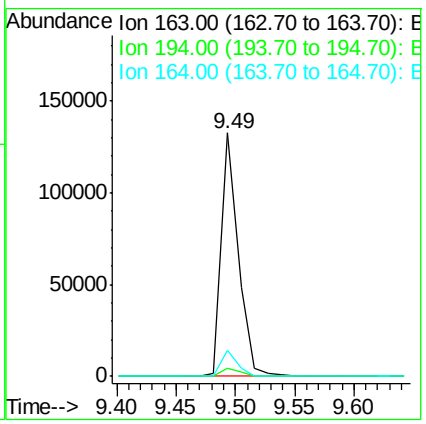


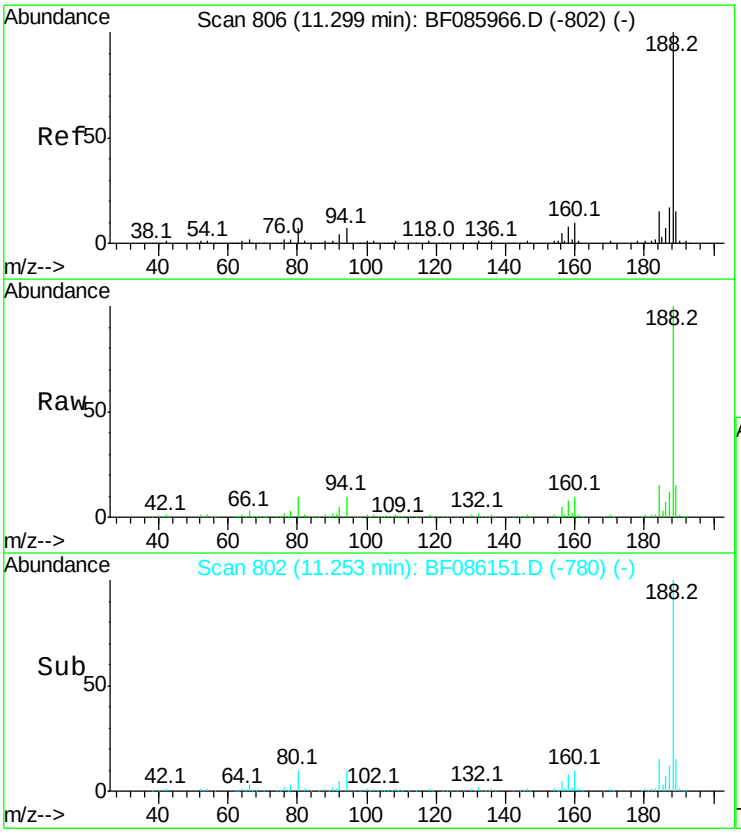
#49
Dimethylphthalate
Concen: 9.06 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion:163 Resp: 130735

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.8	8.3	12.5

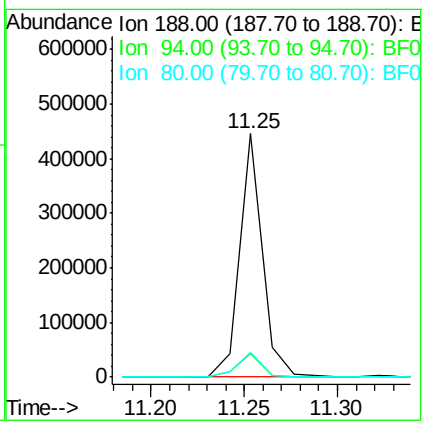


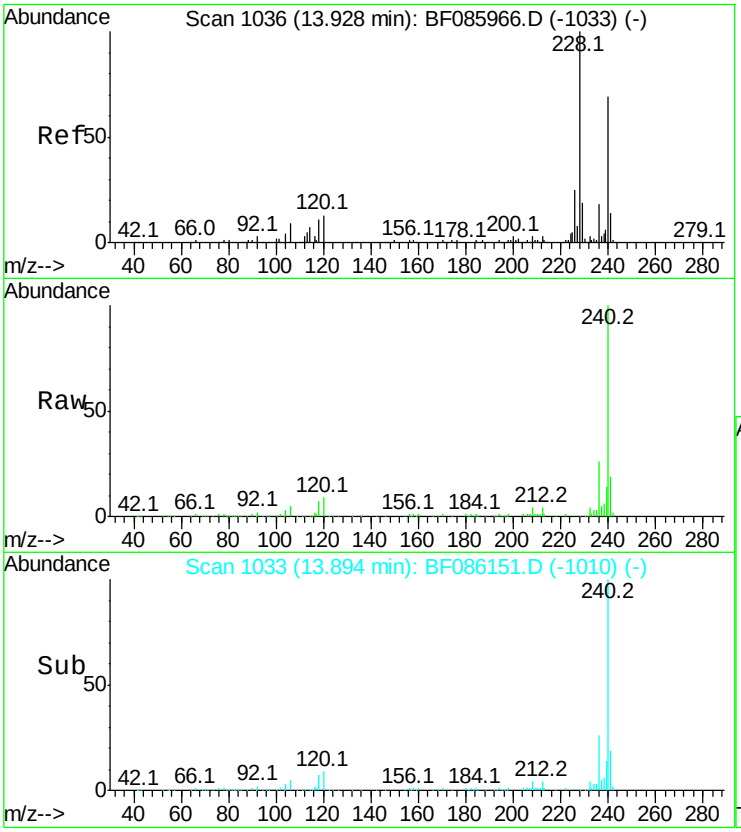


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:188 Resp: 378160

Ion	Ratio	Lower	Upper
188	100		
94	9.8	5.4	8.0#
80	10.2	5.5	8.3#



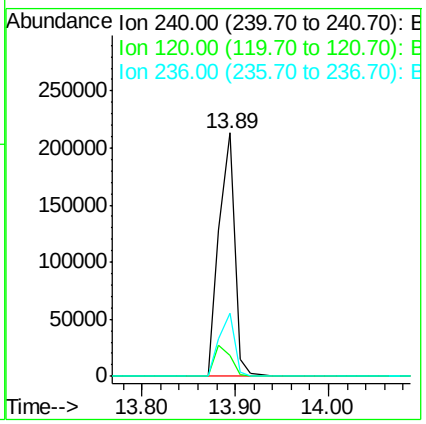


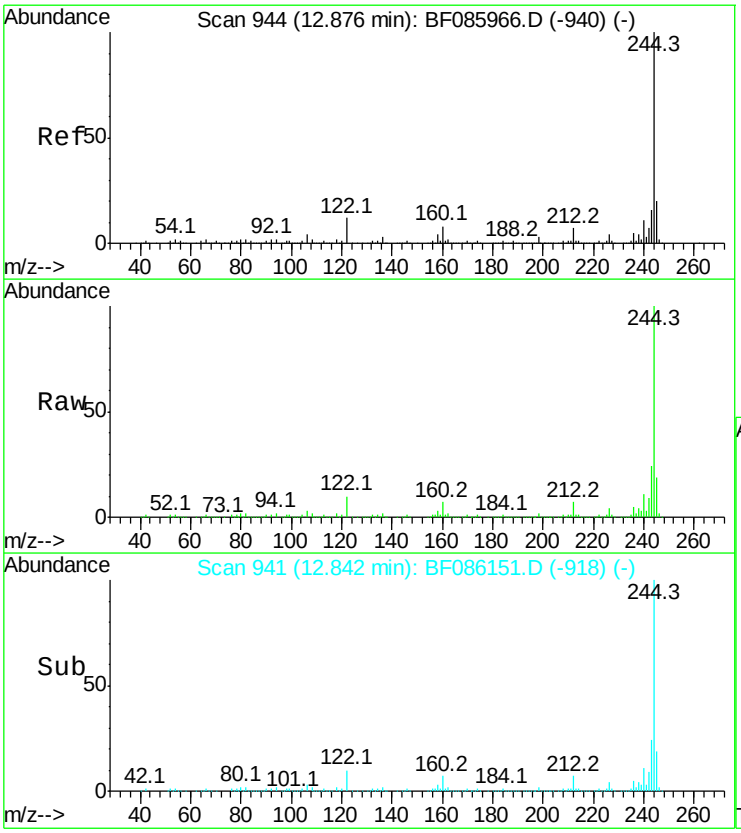
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion:240 Resp: 249800

Ion	Ratio	Lower	Upper
240	100		
120	8.8	13.8	20.8#
236	26.1	20.6	30.8

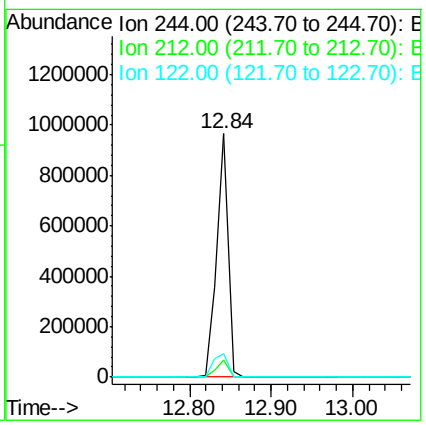


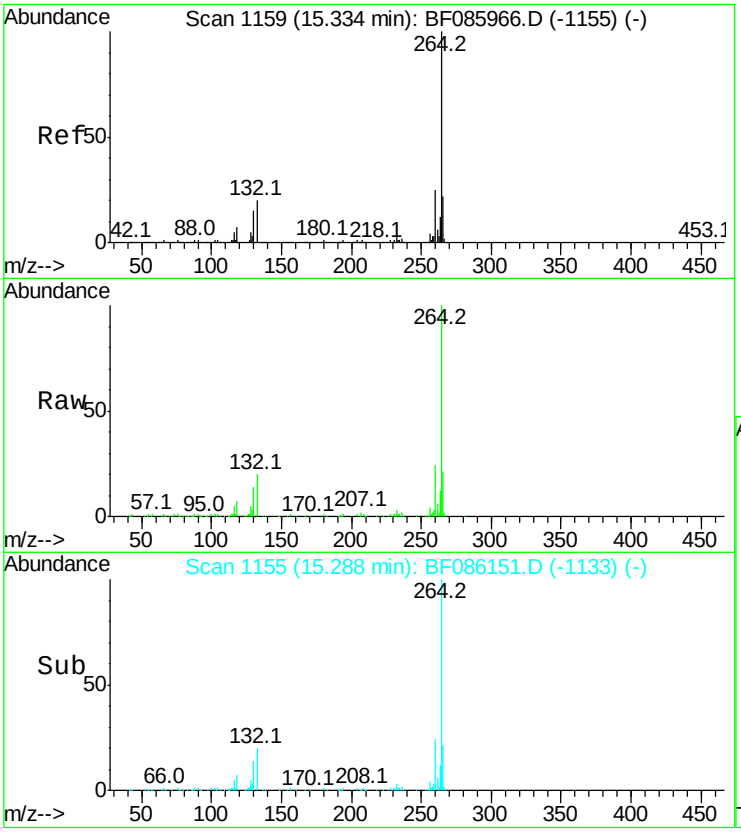


#78
Terphenyl-d14
Concen: 87.47 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Tgt Ion:244 Resp: 929495

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	9.8	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086151.D
Acq: 8 Apr 2016 1:20

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)

Tgt Ion:264 Resp: 192413

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.1	17.2	25.8