Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087218.D
Acq On : 20 May 2016 8:05
Operator : UM/SJ
Sample : H3166-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-111

Quant Time: May 20 14:41:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	125892	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	521965	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	241845	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	380039	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	281174	20.00	ng	-0.06
86) Perylene-d12	15.06	264	258191	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	577033	77.04	ng	-0.05
7) Phenol-d6	6.23	99	530531	52.81	ng	-0.06
23) Nitrobenzene-d5	7.14	82	891981	85.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	324112	121.28	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1511278	103.49	ng	-0.05
78) Terphenyl-d14	12.66	244	1024592	82.43	ng	-0.05

Target Compounds	Qvalue

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

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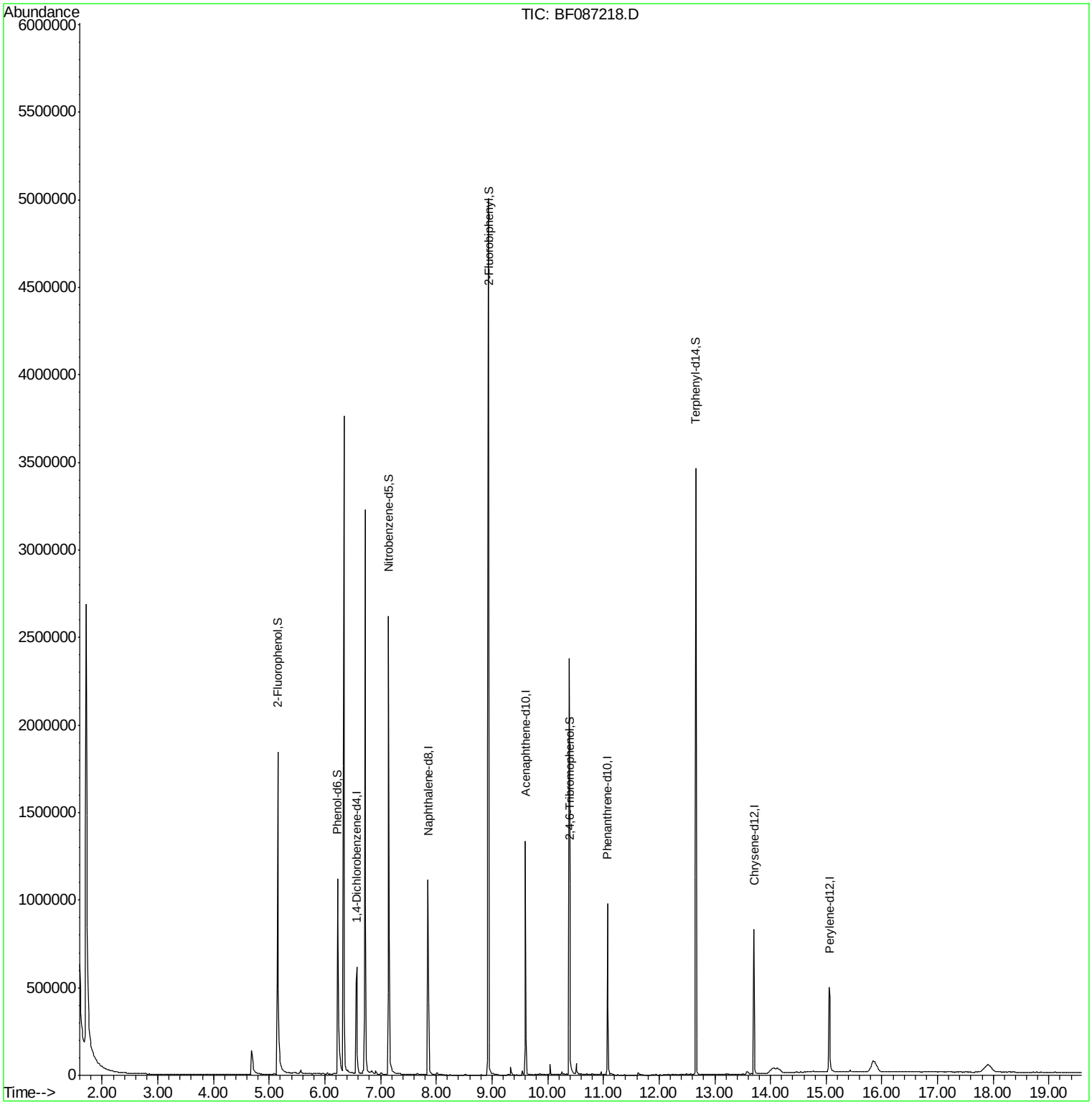
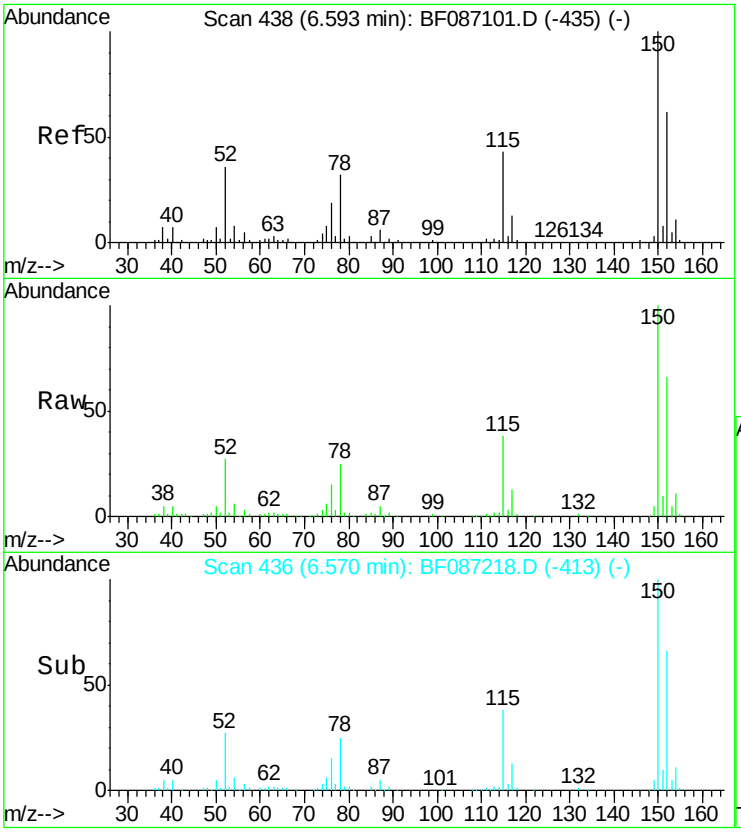


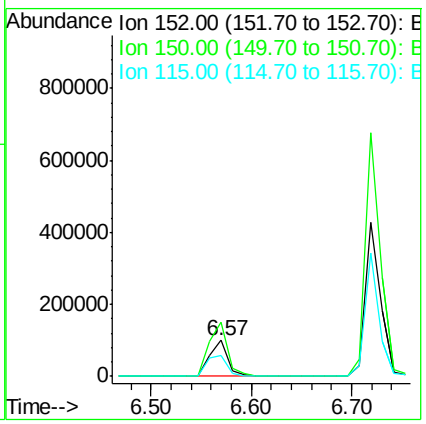


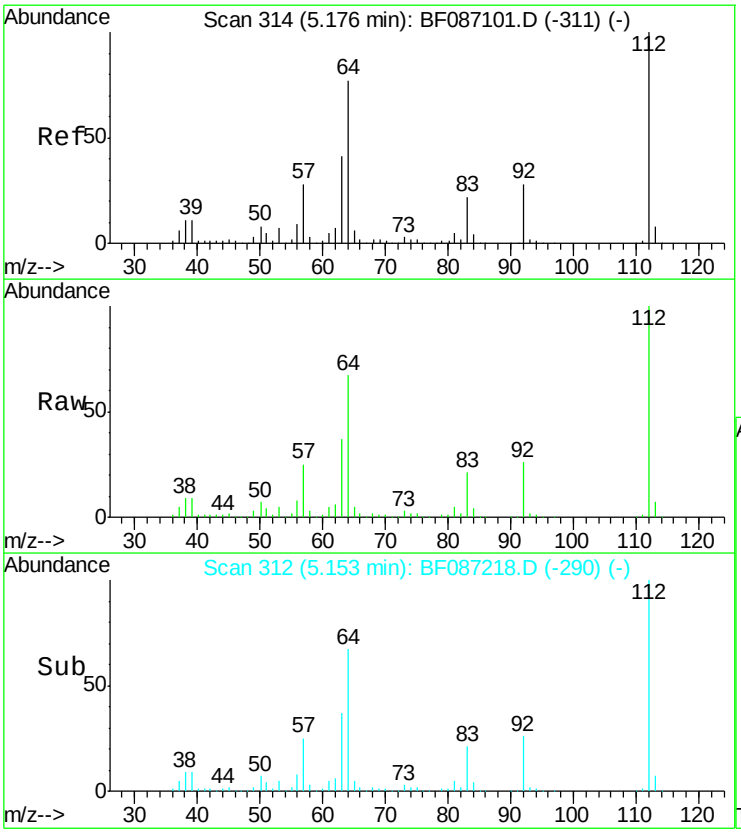
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tgt Ion:152 Resp: 125892

Ion	Ratio	Lower	Upper
152	100		
150	150.8	125.8	188.6
115	57.2	51.5	77.3

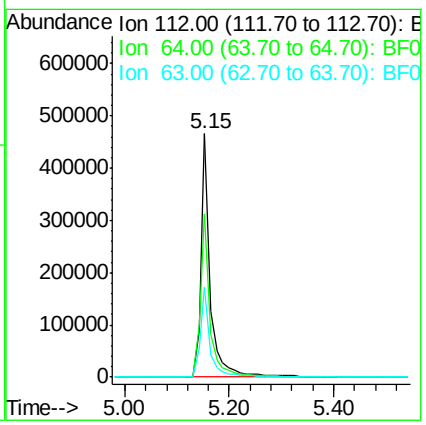


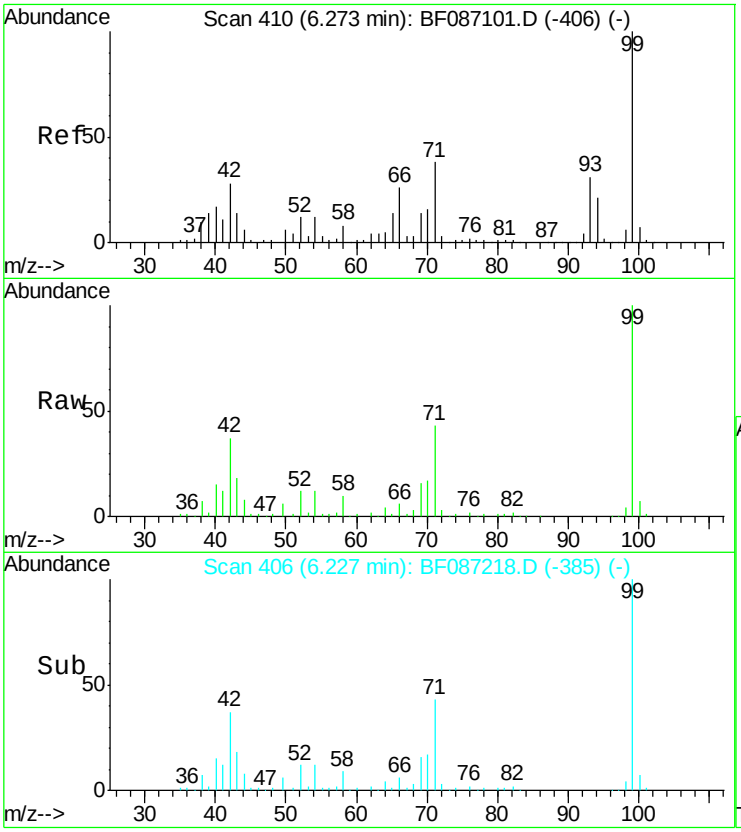


#5
2-Fluorophenol
Concen: 77.04 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Tgt Ion:112 Resp: 577033

Ion	Ratio	Lower	Upper
112	100		
64	67.1	52.1	78.1
63	36.7	25.7	38.5



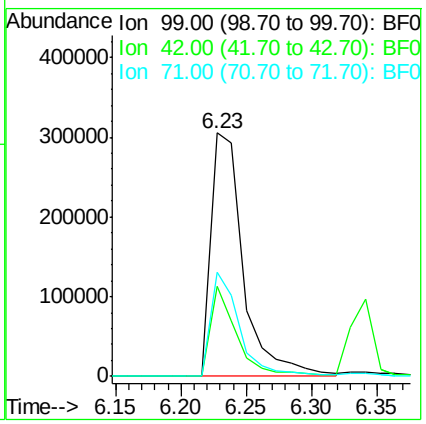


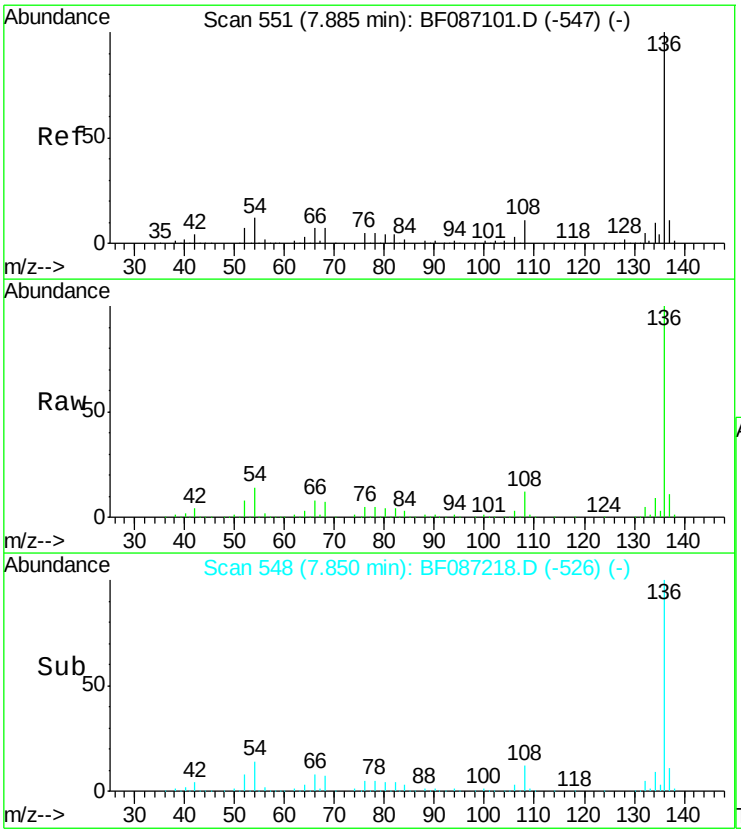
#7
Phenol-d6
Concen: 52.81 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tgt Ion: 99 Resp: 530531

Ion	Ratio	Lower	Upper
99	100		
42	36.9	13.6	20.4#
71	42.7	24.6	36.8#

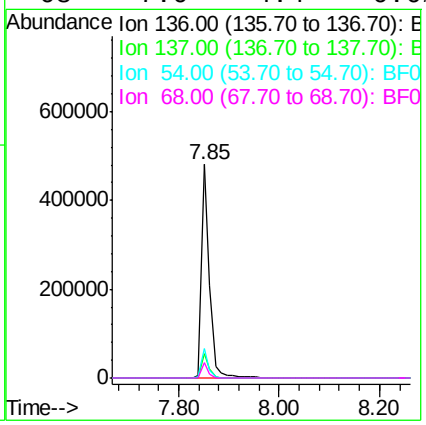


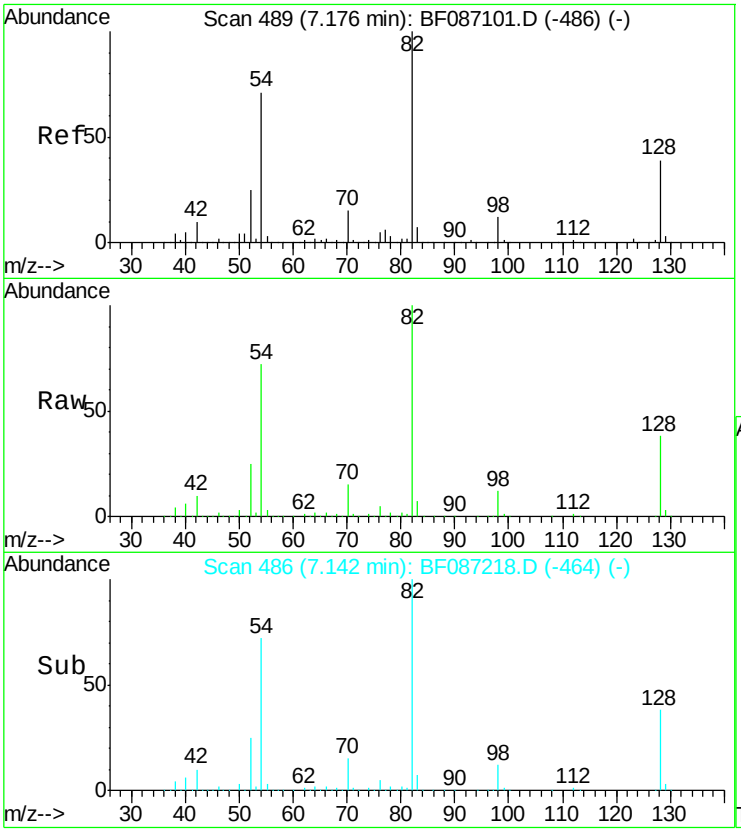


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Tgt Ion:136 Resp: 521965

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.0	5.0	7.4#
68	7.0	4.4	6.6#



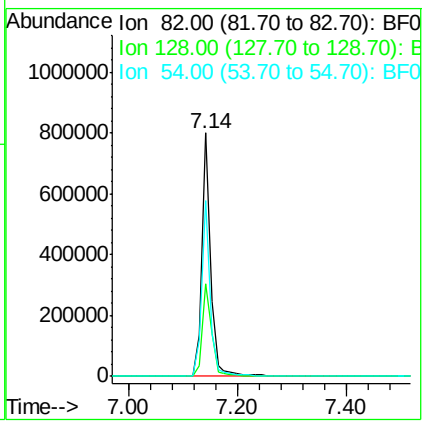


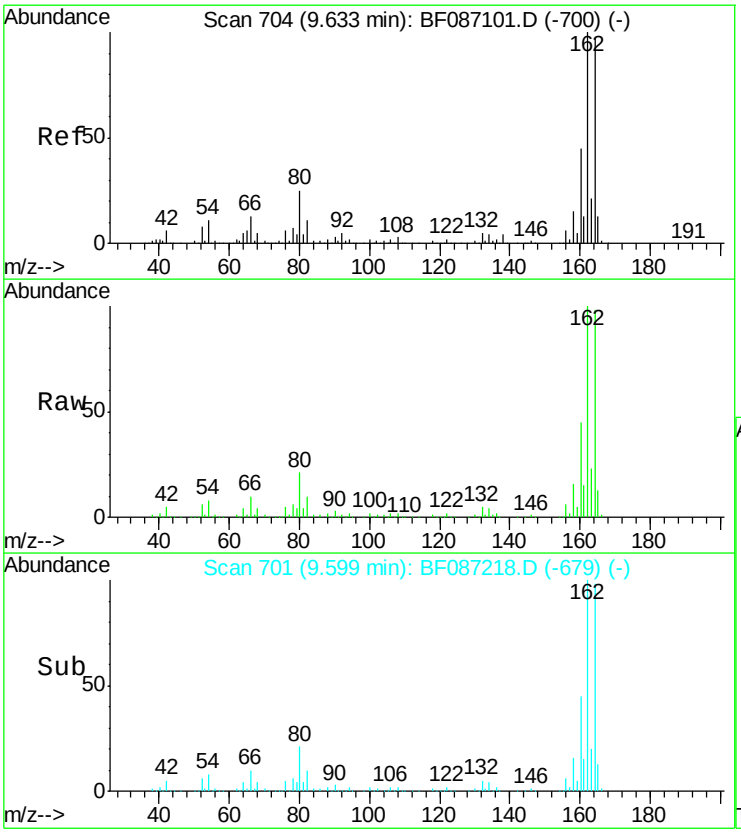
#23
Nitrobenzene-d5
Concen: 85.17 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tgt Ion: 82 Resp: 891981

Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	72.1	38.1	57.1#

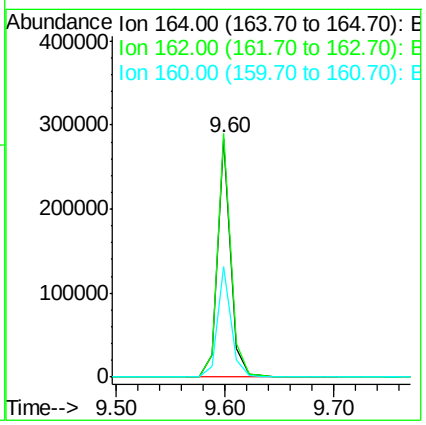


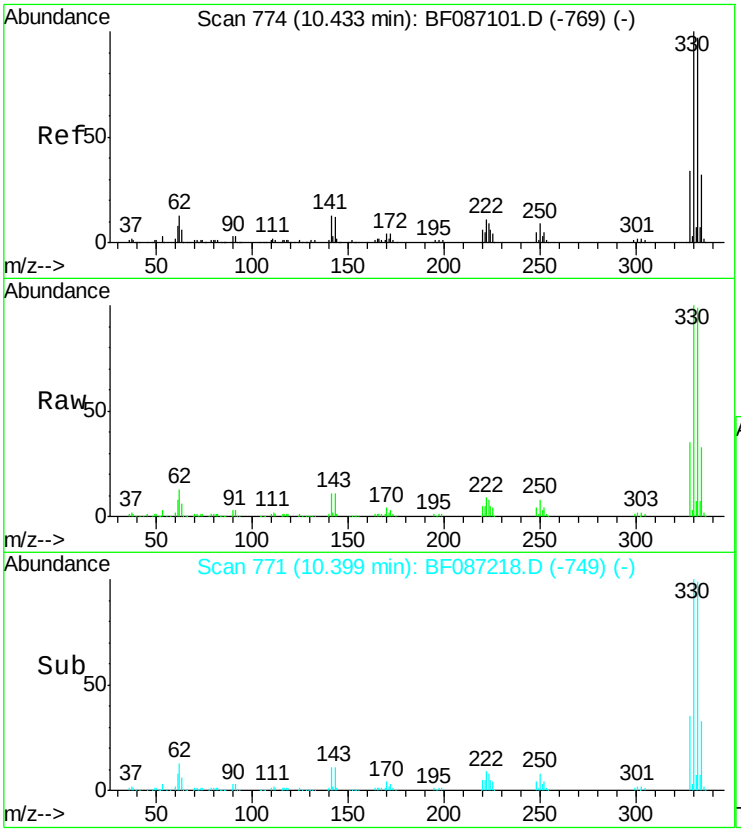


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Tgt Ion:164 Resp: 241845

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	46.1	36.9	55.3



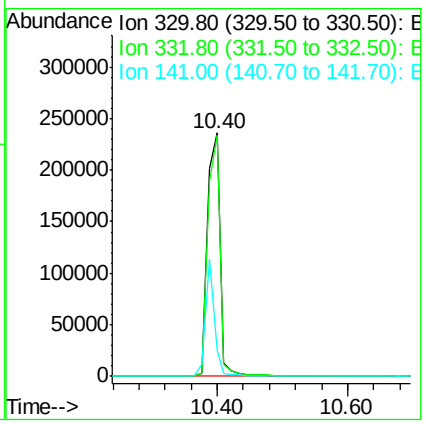


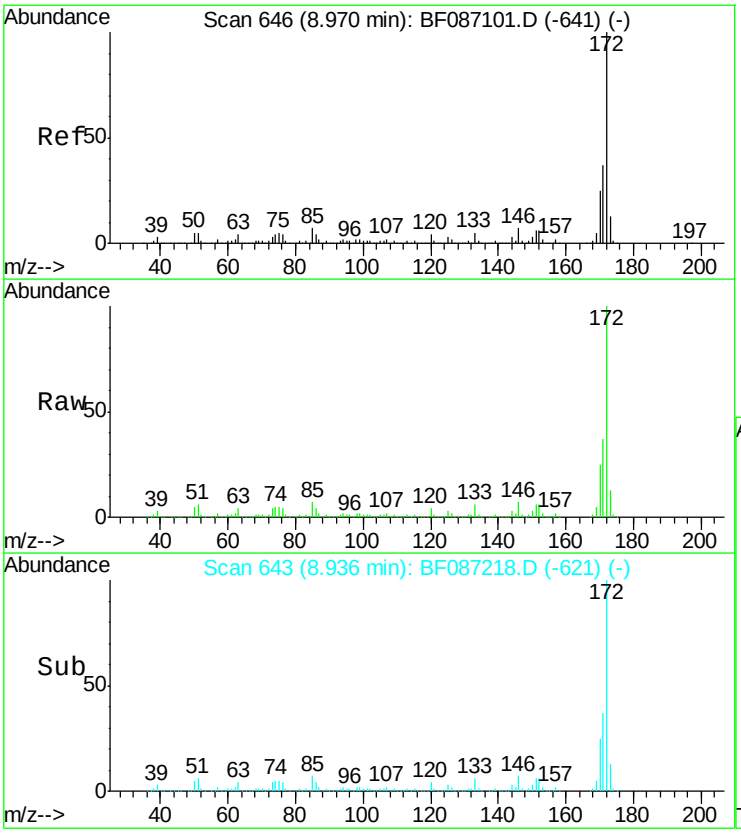
#41
2,4,6-Tribromophenol
Concen: 121.28 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tgt Ion:330 Resp: 324112

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	33.5	31.2	46.8

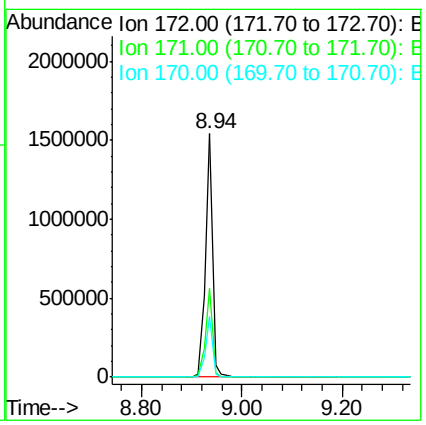


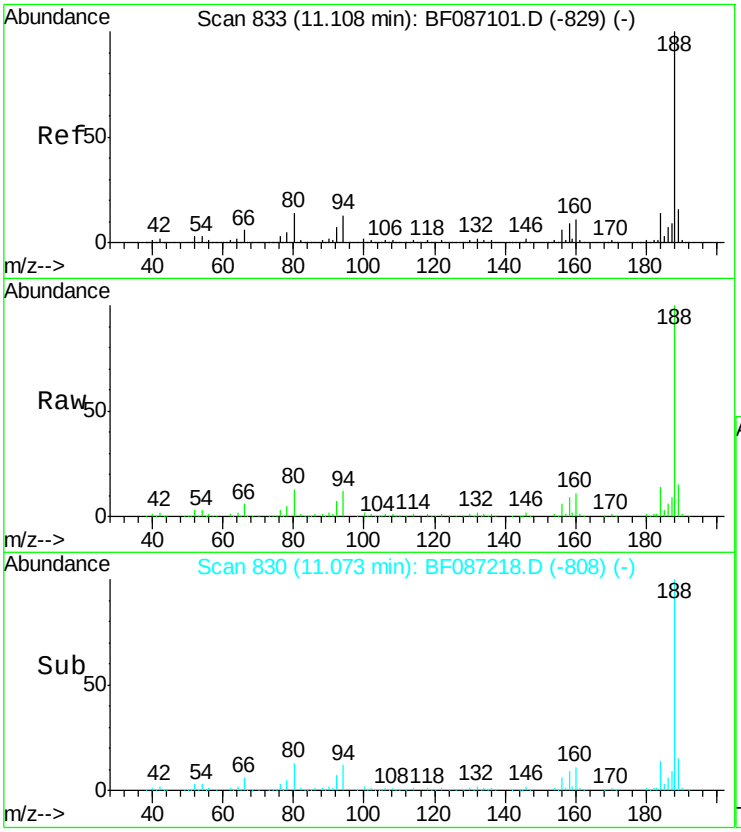


#44
2-Fluorobiphenyl
Concen: 103.49 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Tgt Ion:172 Resp: 1511278

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	19.8	29.8



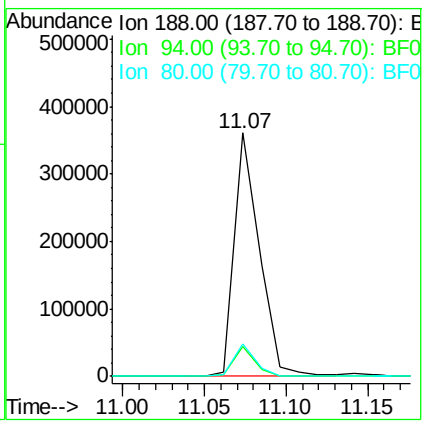


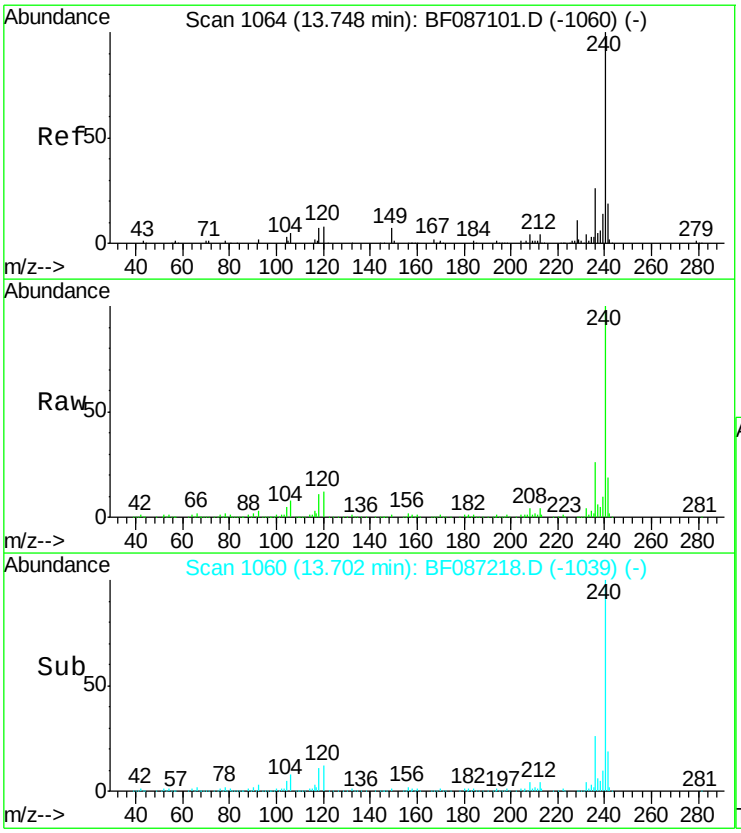
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tgt Ion:188 Resp: 380039

Ion	Ratio	Lower	Upper
188	100		
94	12.1	6.8	10.2#
80	13.4	7.1	10.7#

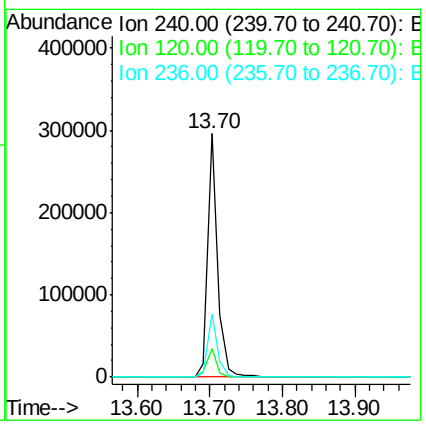


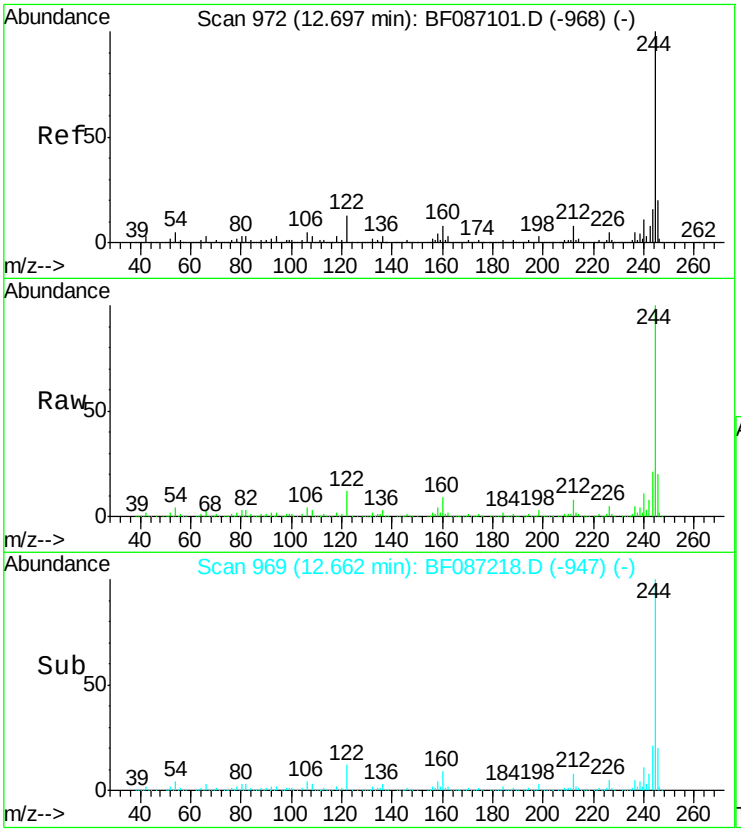


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Tgt Ion:240 Resp: 281174

Ion	Ratio	Lower	Upper
240	100		
120	11.9	11.2	16.8
236	26.0	21.2	31.8



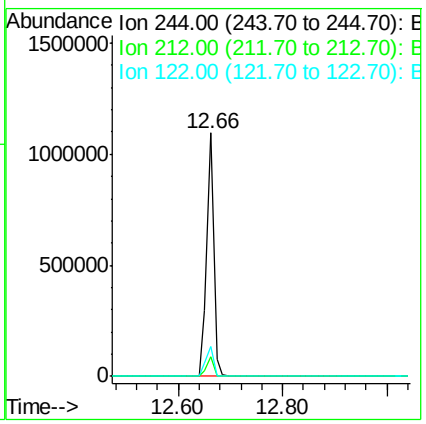


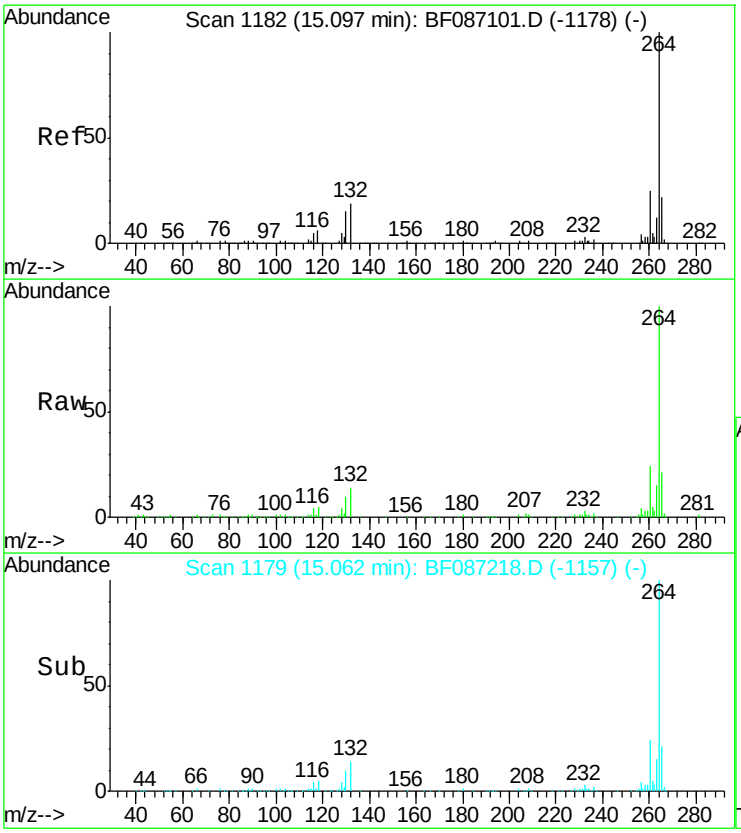
#78
Terphenyl-d14
Concen: 82.43 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tgt Ion:244 Resp: 1024592

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087218.D
Acq: 20 May 2016 8:05

Tgt Ion:264 Resp: 258191

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.3	25.9