Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086238.D
Acq On : 16 Apr 2016 2:19
Operator : UM/SJ
Sample : H2402-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-4-7-16

Quant Time: Apr 16 03:57:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	308023	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1243378	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	558630	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	950318	20.00	ng		0.00
75) Chrysene-d12	14.04	240	644031	20.00	ng		-0.01
86) Perylene-d12	15.48	264	502152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1355397	72.10	ng		0.01
7) Phenol-d6	6.51	99	982198	41.77	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1742373	80.82	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	525126	117.07	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2602339	85.96	ng		0.00
78) Terphenyl-d14	13.00	244	1769053	69.07	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	247267	16.43	ng	#	81
22) Acetophenone	7.30	105	17609	Below Cal		#	96
49) Dimethylphthalate	9.65	163	139608	3.44	ng		99
50) 2,6-Dinitrotoluene	9.93	165	72098	8.02	ng	#	32
56) 2,4-Dinitrotoluene	9.93	165	72089	6.27	ng	#	31
57) Fluorene	10.48	166	1016	Below Cal		#	81
66) 4-Bromophenyl-phenylether	10.72	248	32366	3.65	ng	#	1
71) Anthracene	11.49	178	3539	Below Cal		#	86
74) Fluoranthene	12.62	202	4927	Below Cal			75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
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Acq On : 16 Apr 2016 2:19
Operator : UM/SJ
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Misc :
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Instrument :
BNA_F
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MW-2-4-7-16

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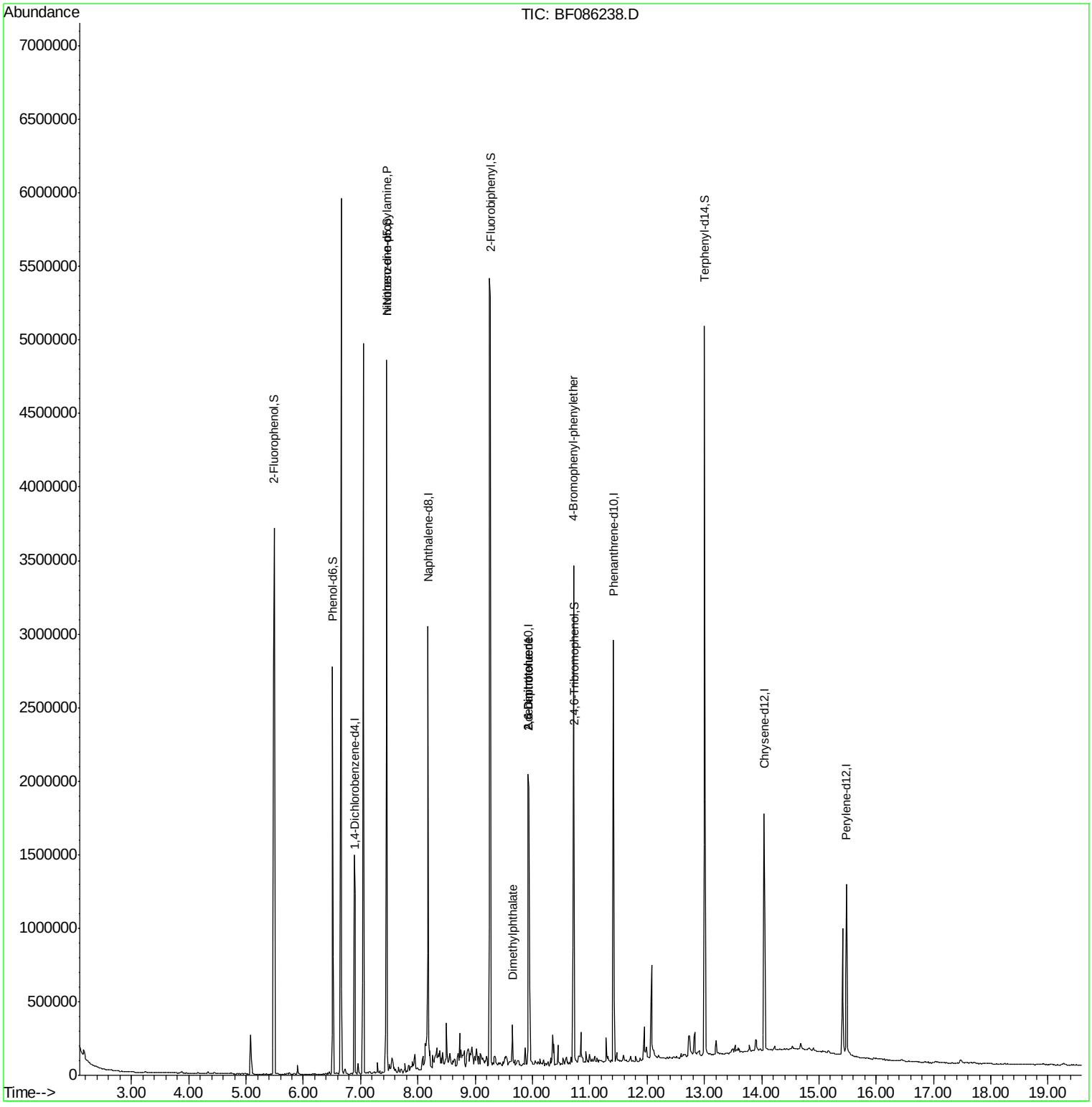
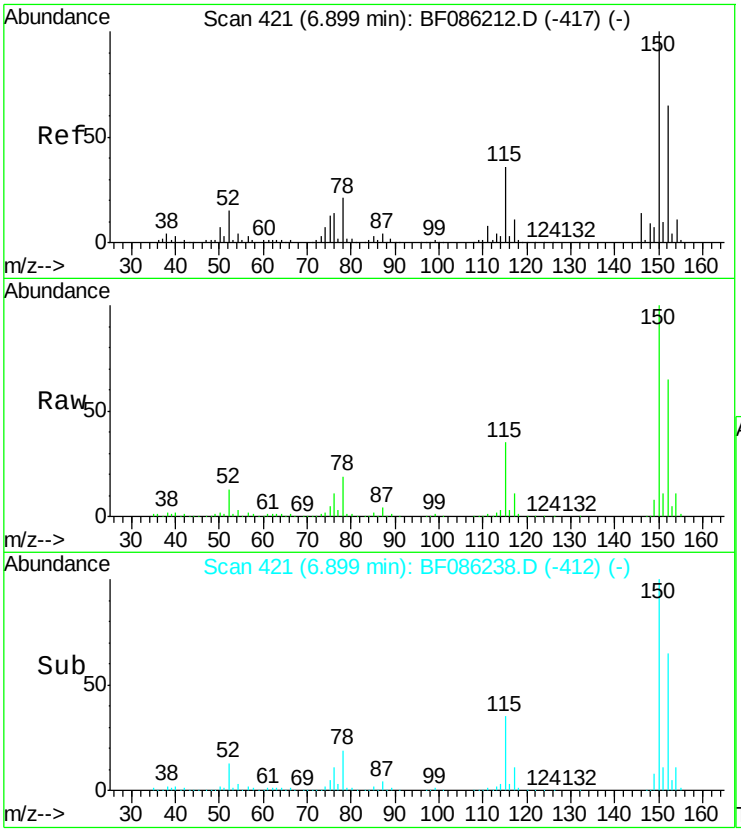


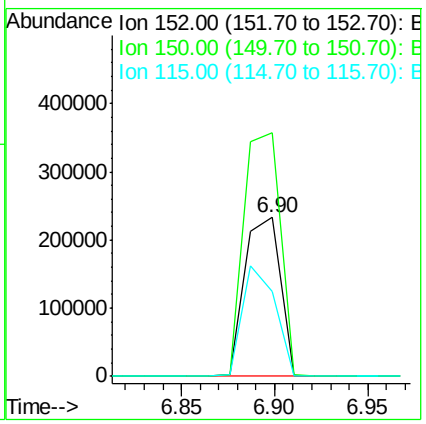


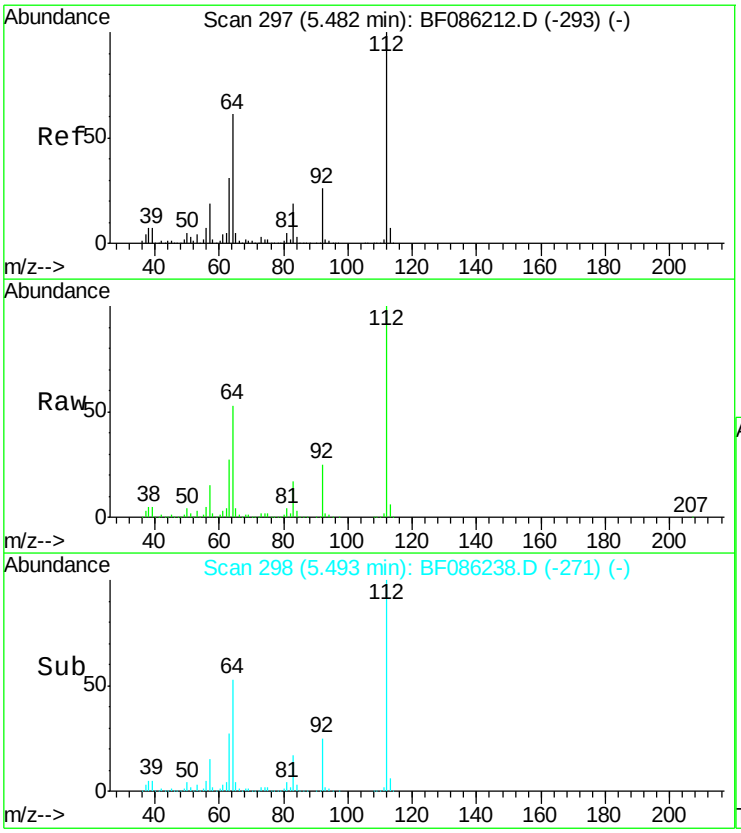
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:152 Resp: 308023

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.1	186.1
115	53.2	43.9	65.9

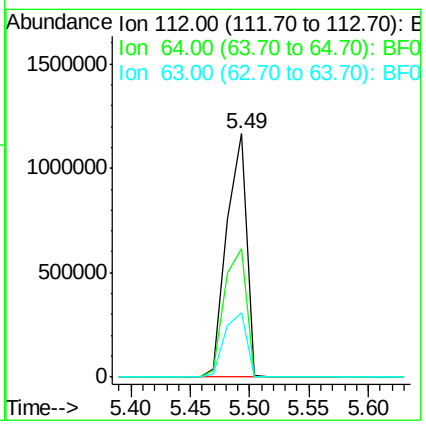


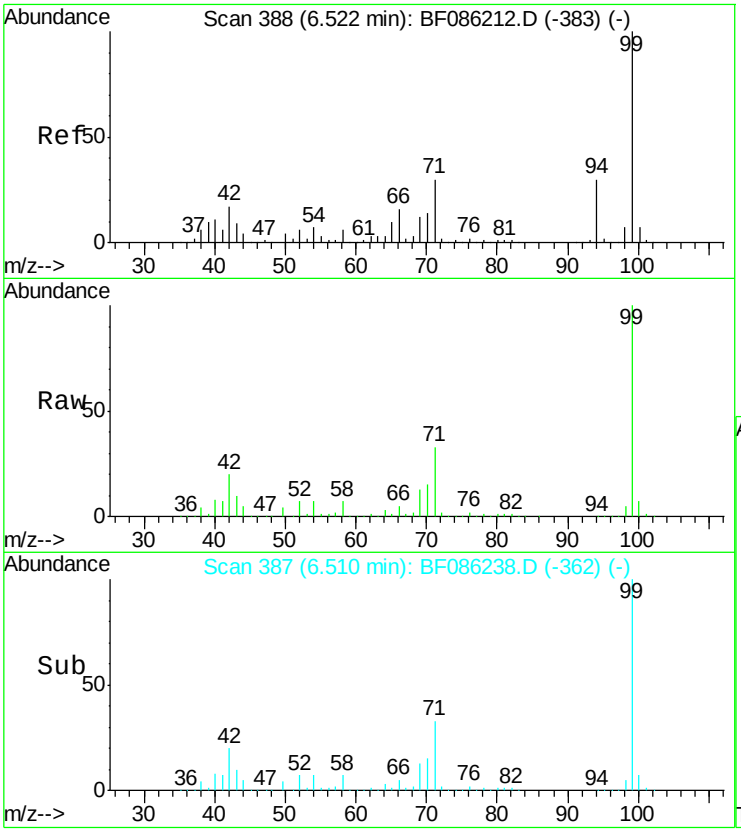


#5
2-Fluorophenol
Concen: 72.10 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion:112 Resp: 1355397

Ion	Ratio	Lower	Upper
112	100		
64	52.9	48.1	72.1
63	26.6	25.5	38.3



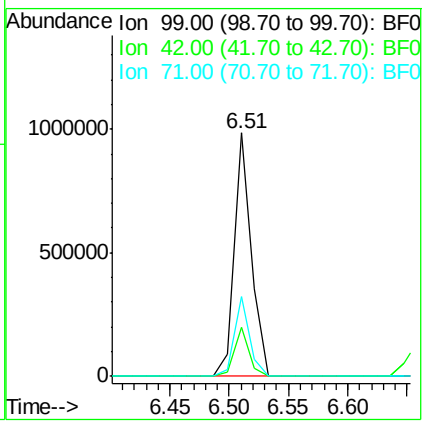


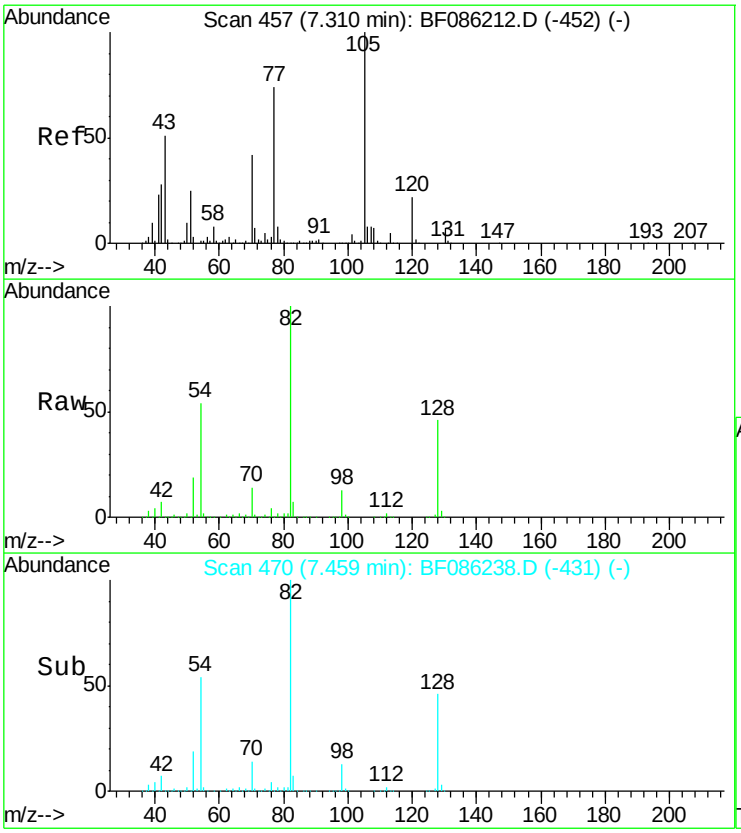
#7
Phenol-d6
Concen: 41.77 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion: 99 Resp: 982198

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.4	23.2
71	33.0	25.6	38.4

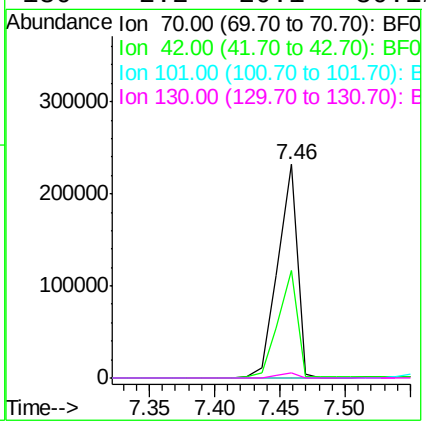


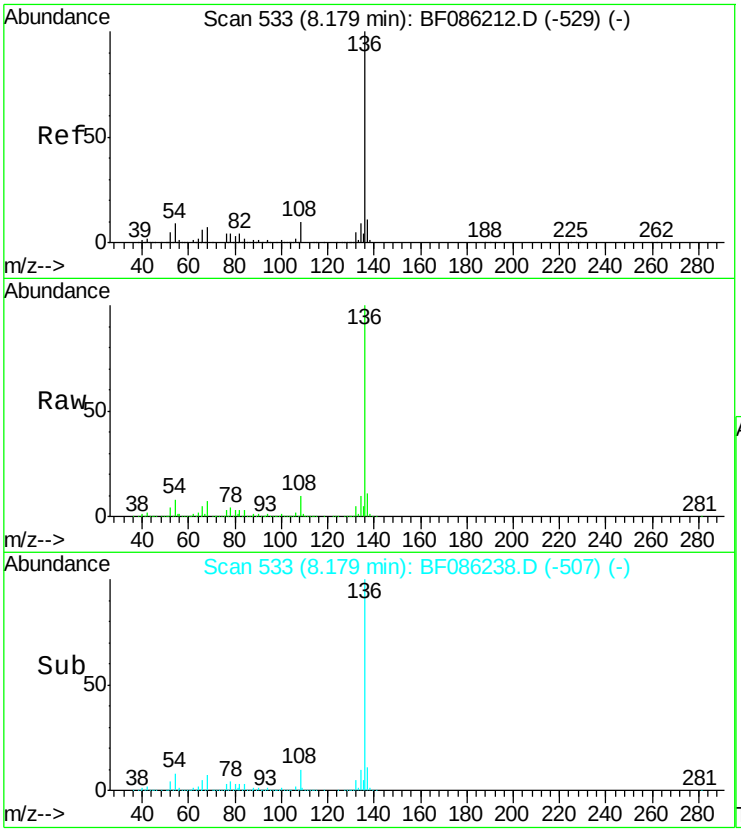


#19
n-Nitroso-di-n-propylamine
Concen: 16.43 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.15 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion: 70 Resp: 247267

Ion	Ratio	Lower	Upper
70	100		
42	50.5	43.0	64.4
101	0.0	8.1	12.1#
130	2.2	20.1	30.1#



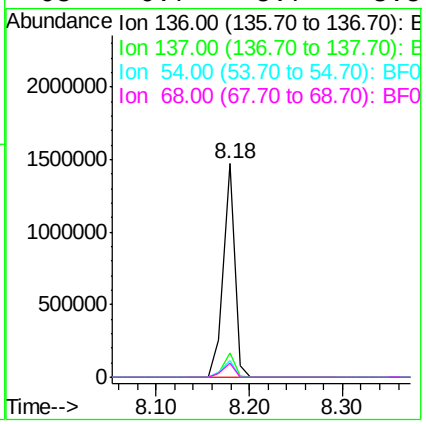


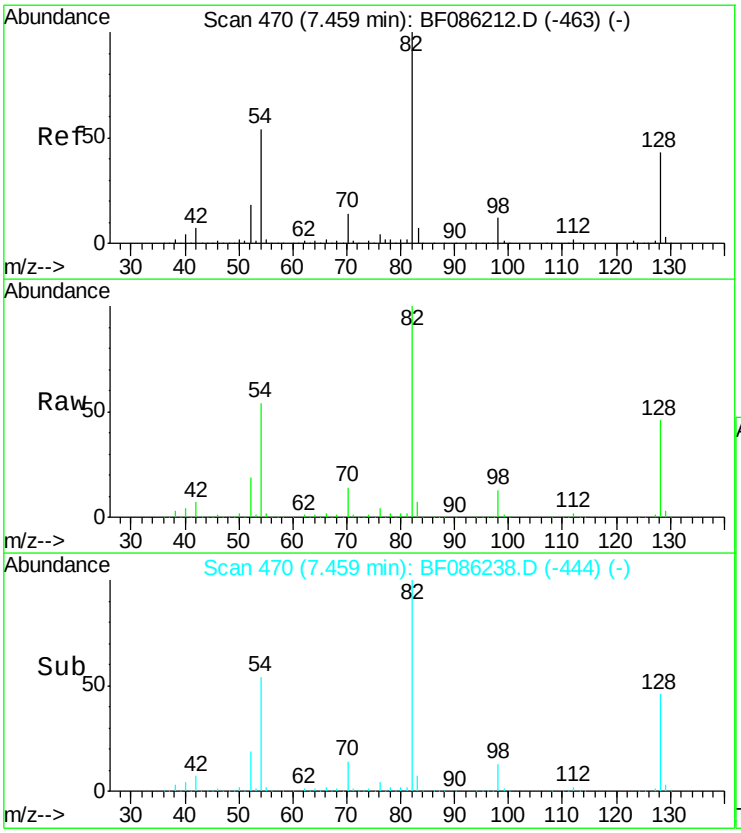
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:136 Resp: 1243378

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.0	7.3	10.9
68	6.7	5.7	8.5

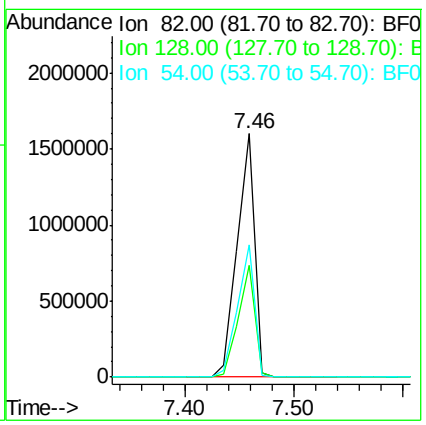


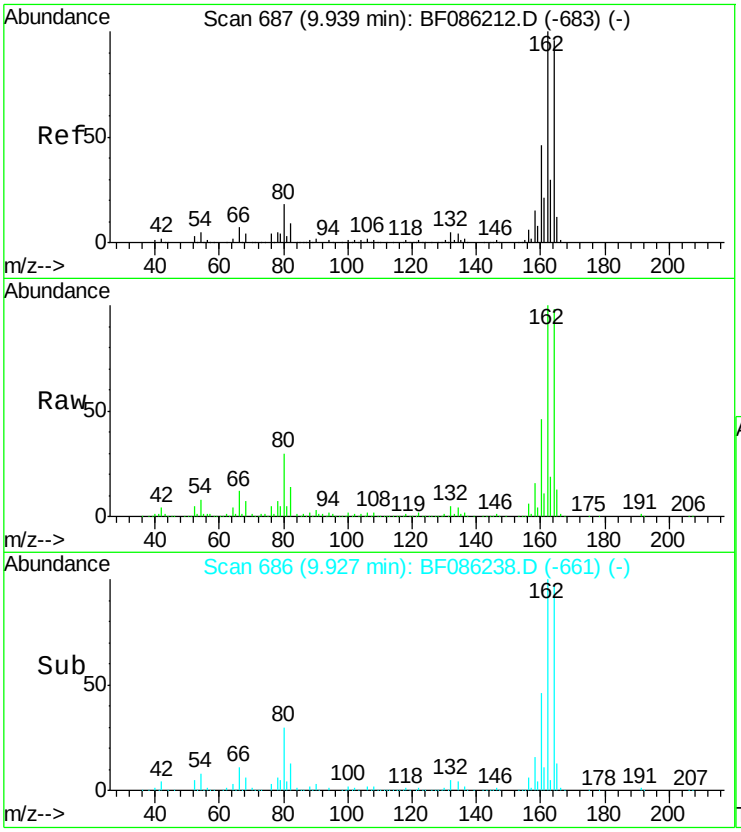


#23
Nitrobenzene-d5
Concen: 80.82 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion: 82 Resp: 1742373

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.4	53.2
54	54.1	43.4	65.0



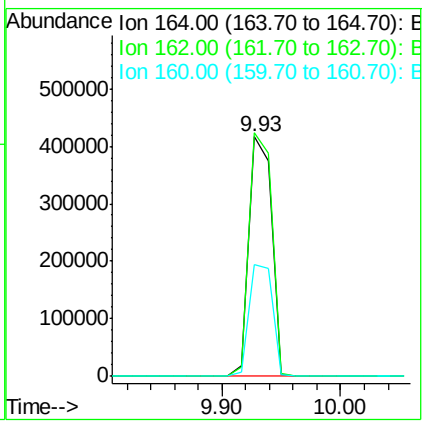


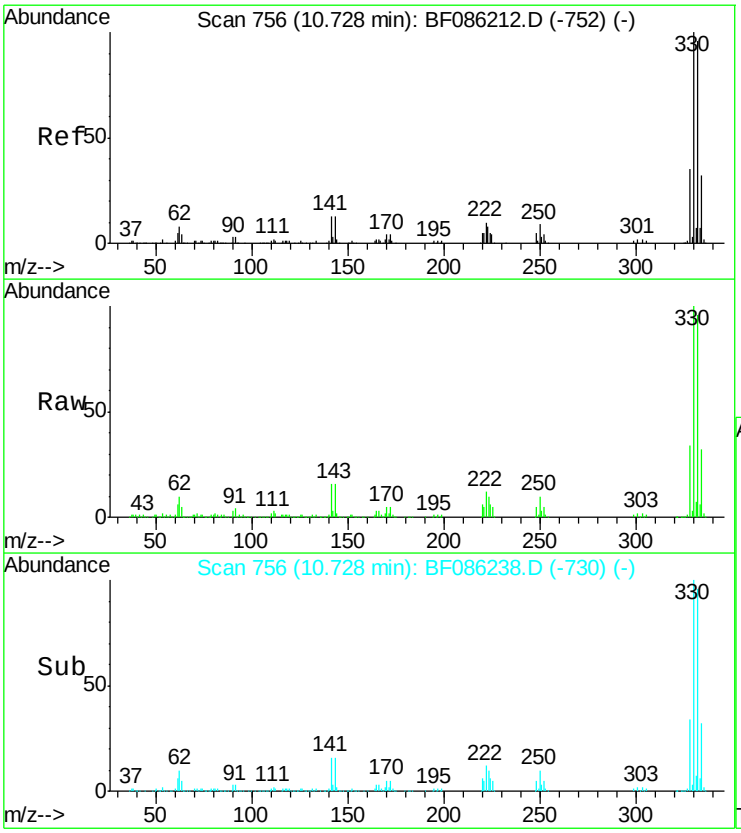
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:164 Resp: 558630

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.4	38.9	58.3

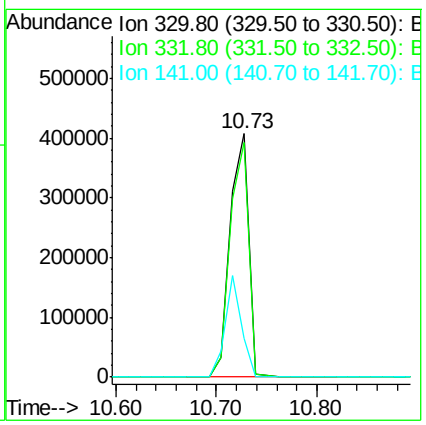


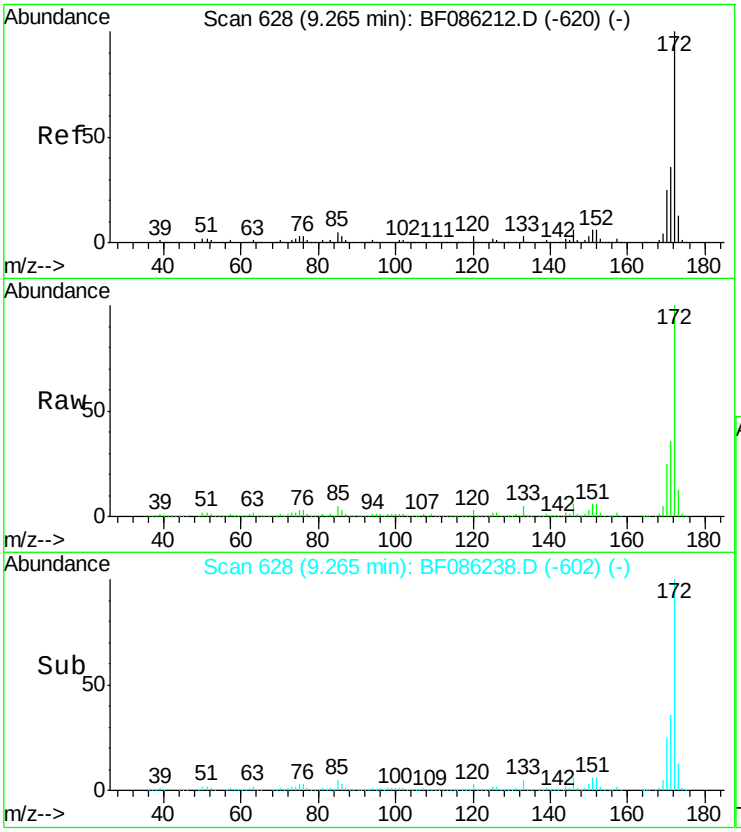


#41
2,4,6-Tribromophenol
Concen: 117.07 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion:330 Resp: 525126

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.7	118.1
141	36.9	28.6	42.8



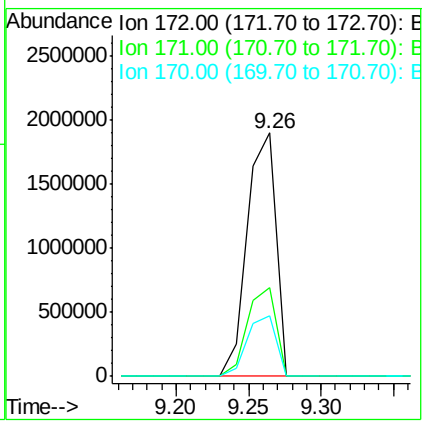


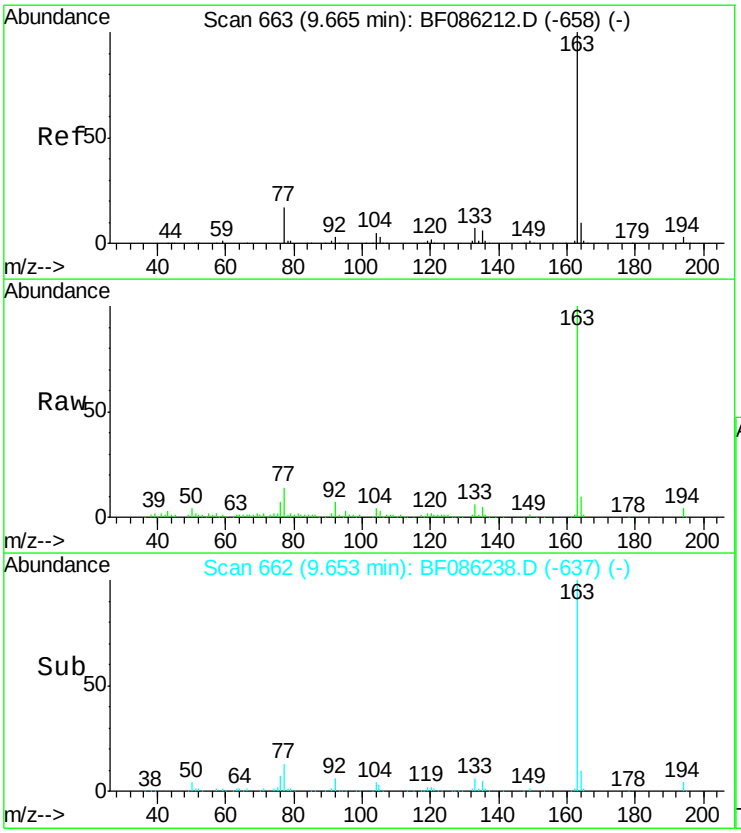
#44
2-Fluorobiphenyl
Concen: 85.96 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:172 Resp: 2602339

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.9	19.9	29.9

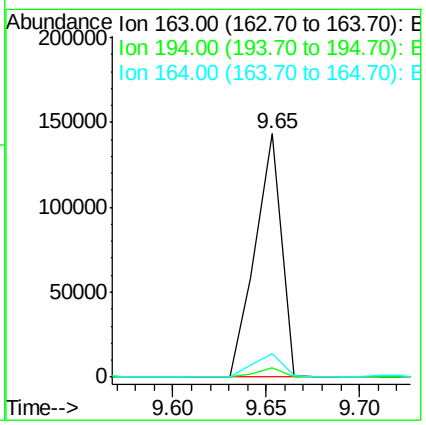


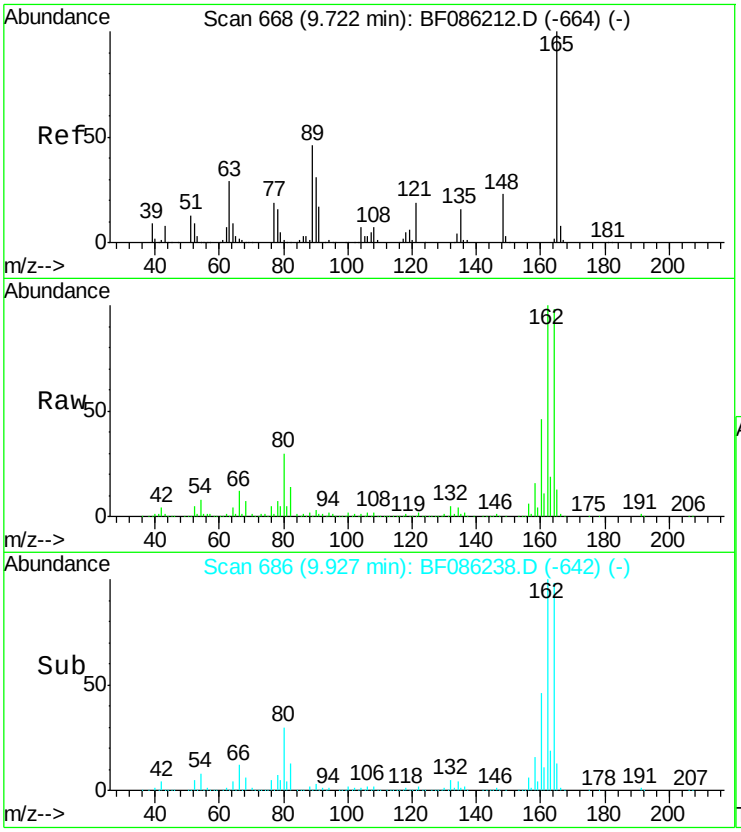


#49
Dimethylphthalate
Concen: 3.44 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion:163 Resp: 139608

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.8	8.4	12.6



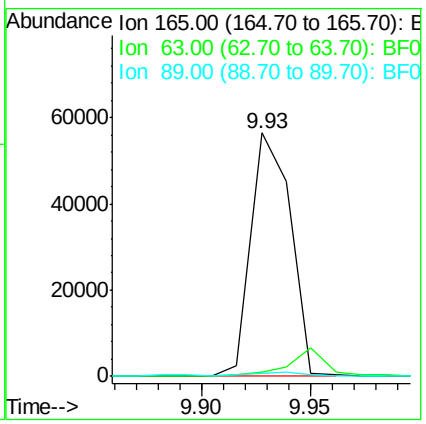


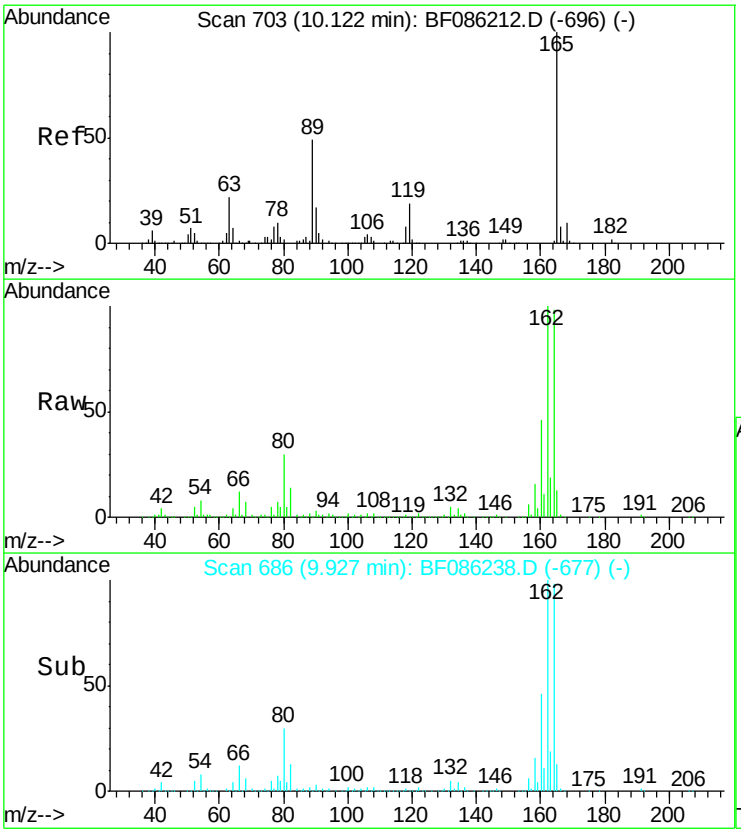
#50
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.21 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:165 Resp: 72098

Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.1	52.7#
89	1.4	39.8	59.6#

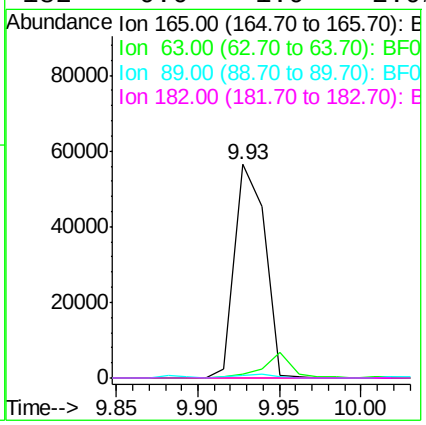


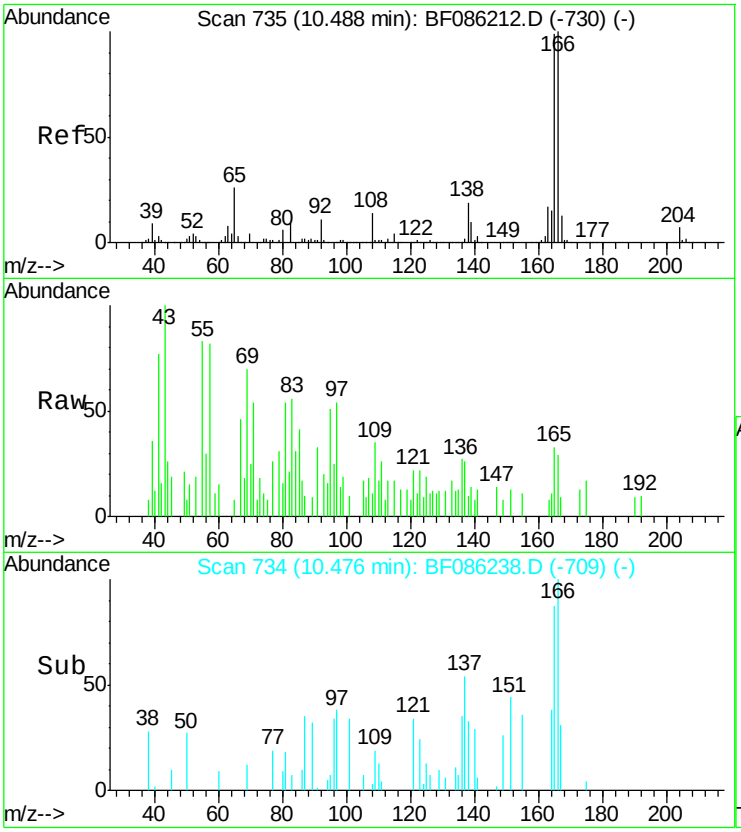


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion:165 Resp: 72089

Ion	Ratio	Lower	Upper
165	100		
63	1.7	26.6	40.0#
89	1.4	49.5	74.3#
182	0.0	1.9	2.9#



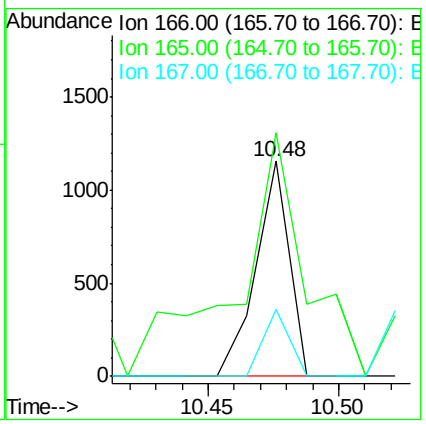


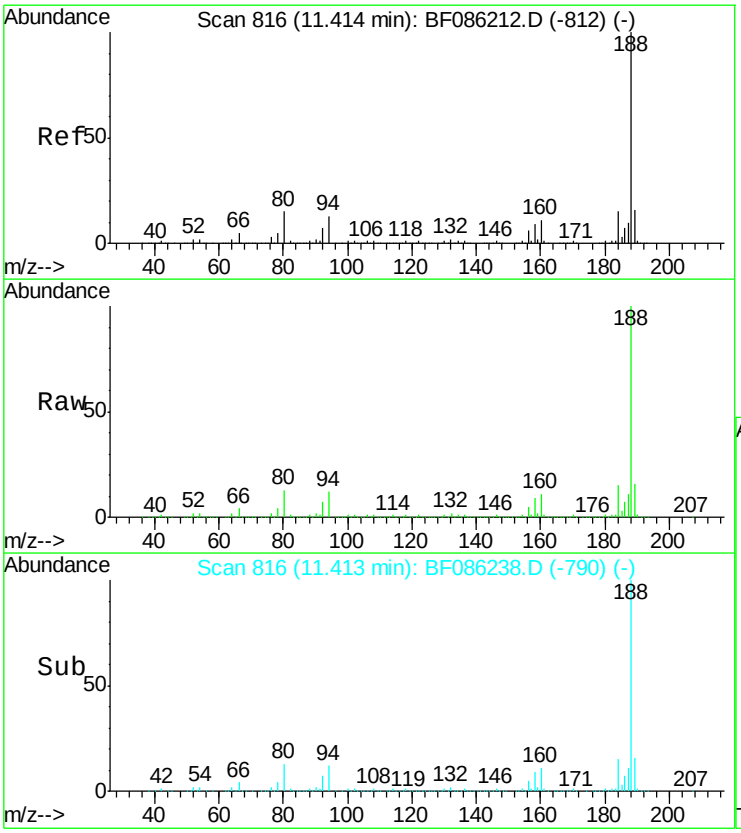
#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:166 Resp: 1016

Ion	Ratio	Lower	Upper
166	100		
165	113.3	78.6	117.8
167	31.0	10.4	15.6#

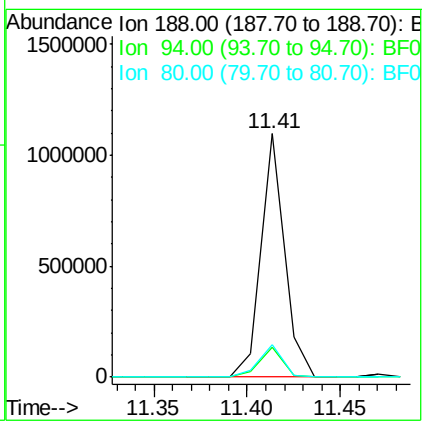


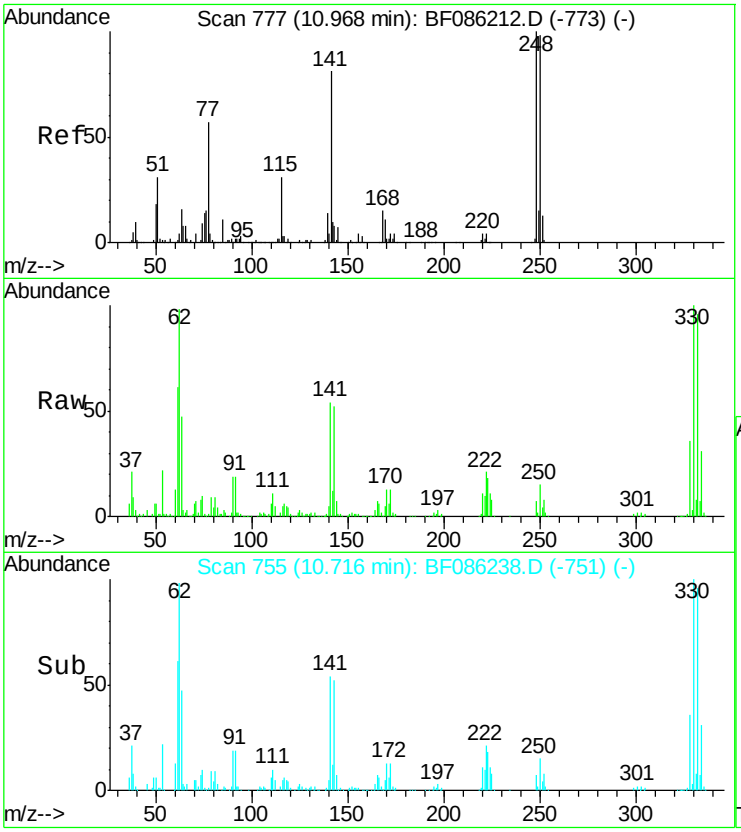


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion:188 Resp: 950318

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.8	14.8
80	13.1	10.5	15.7



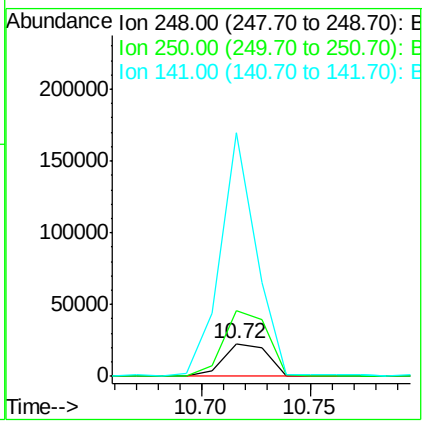


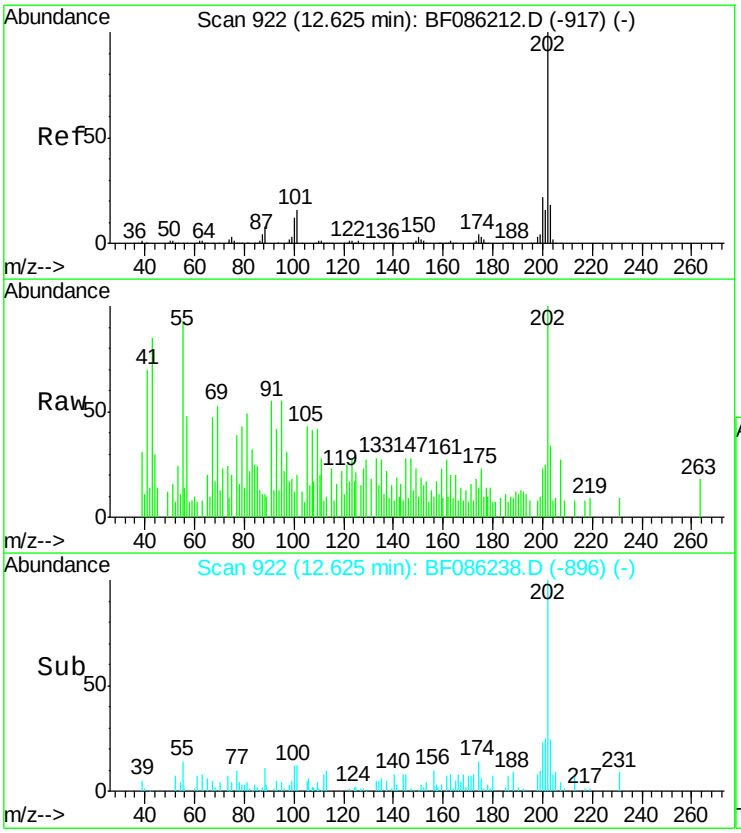
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:248 Resp: 32366

Ion	Ratio	Lower	Upper
248	100		
250	197.3	78.6	118.0#
141	736.9	57.9	86.9#

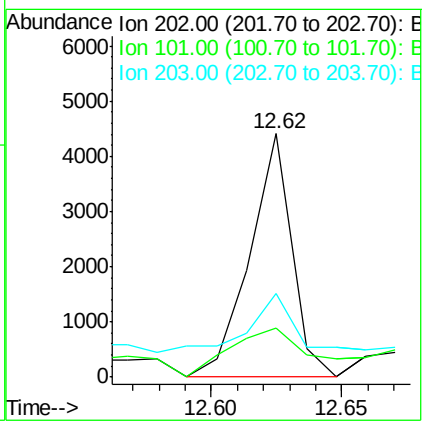


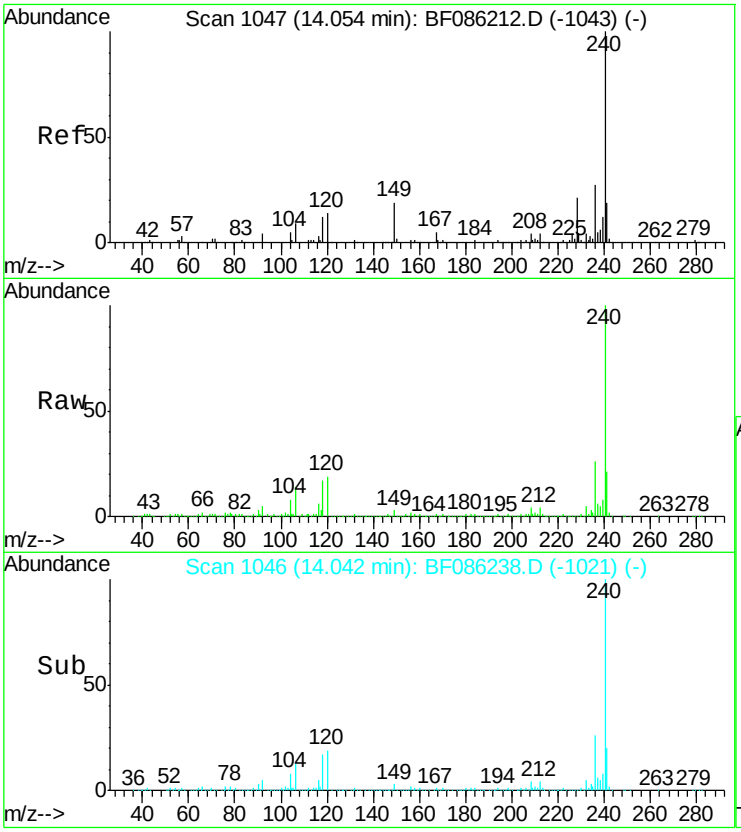


#74
Fluoranthene
Concen: Below Cal
RT: 12.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion:202 Resp: 4927

Ion	Ratio	Lower	Upper
202	100		
101	20.1	0.0	35.2
203	34.1	0.0	38.2



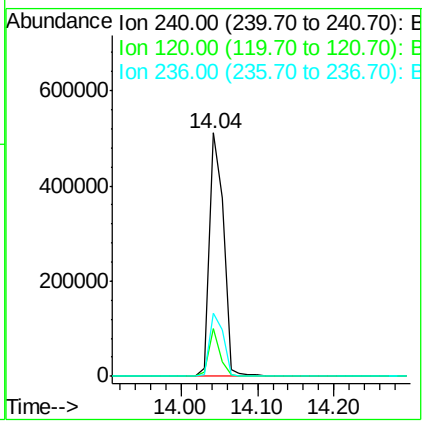


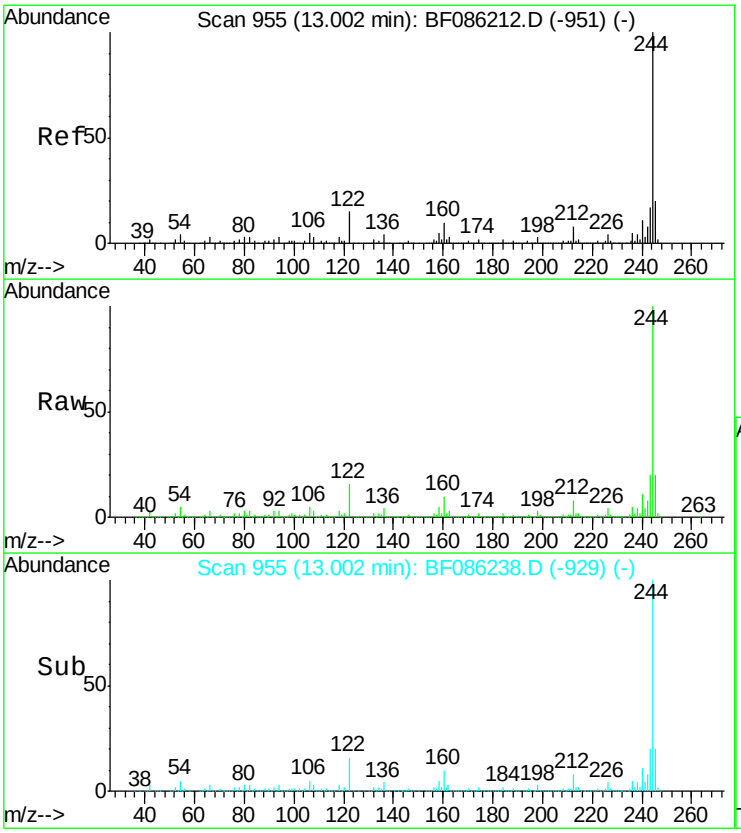
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:240 Resp: 644031

Ion	Ratio	Lower	Upper
240	100		
120	19.4	9.3	13.9#
236	26.0	21.1	31.7

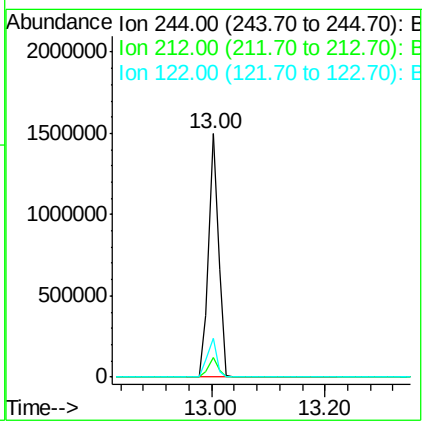


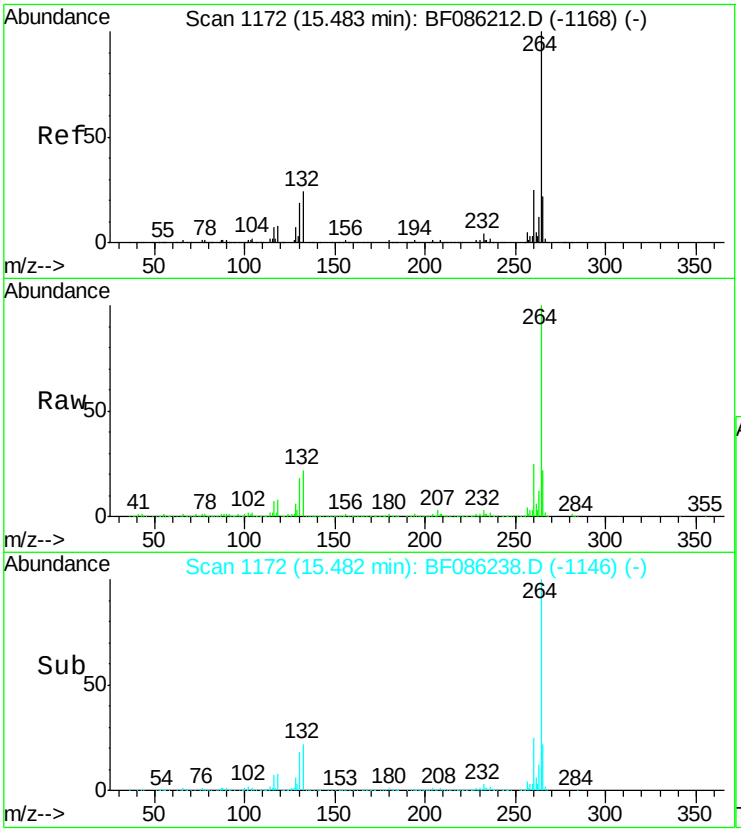


#78
Terphenyl-d14
Concen: 69.07 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Tgt Ion:244 Resp: 1769053

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	16.2	11.7	17.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086238.D
Acq: 16 Apr 2016 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2-4-7-16

Tgt Ion:264 Resp: 502152

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	22.0	17.4	26.0