Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085738.D
Acq On : 25 Mar 2016 3:17
Operator : UM/SJ
Sample : H1884-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-3(18-20)

Quant Time: Mar 25 03:10:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107775	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	416606	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	206690	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	395433	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	268507	20.00	ng		0.00
86) Perylene-d12	15.40	264	191377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	923650	142.73	ng		0.02
7) Phenol-d6	6.46	99	1165745	141.68	ng		0.00
23) Nitrobenzene-d5	7.40	82	741556	100.24	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	301677	153.62	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1210271	97.83	ng		0.00
78) Terphenyl-d14	12.93	244	976329	74.78	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	21271	4.29	ng		88
19) n-Nitroso-di-n-propylamine	7.40	70	96269	19.54	ng	#	73
25) Isophorone	7.40	82	704798	49.46	ng	#	68
37) 2-Methylnaphthalene	8.82	142	643	Below Cal		#	75
49) Dimethylphthalate	9.58	163	232846	14.85	ng		99
56) 2,4-Dinitrotoluene	9.86	165	25269	5.89	ng	#	37
66) 4-Bromophenyl-phenylether	10.65	248	20041	4.95	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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GW-3(18-20)

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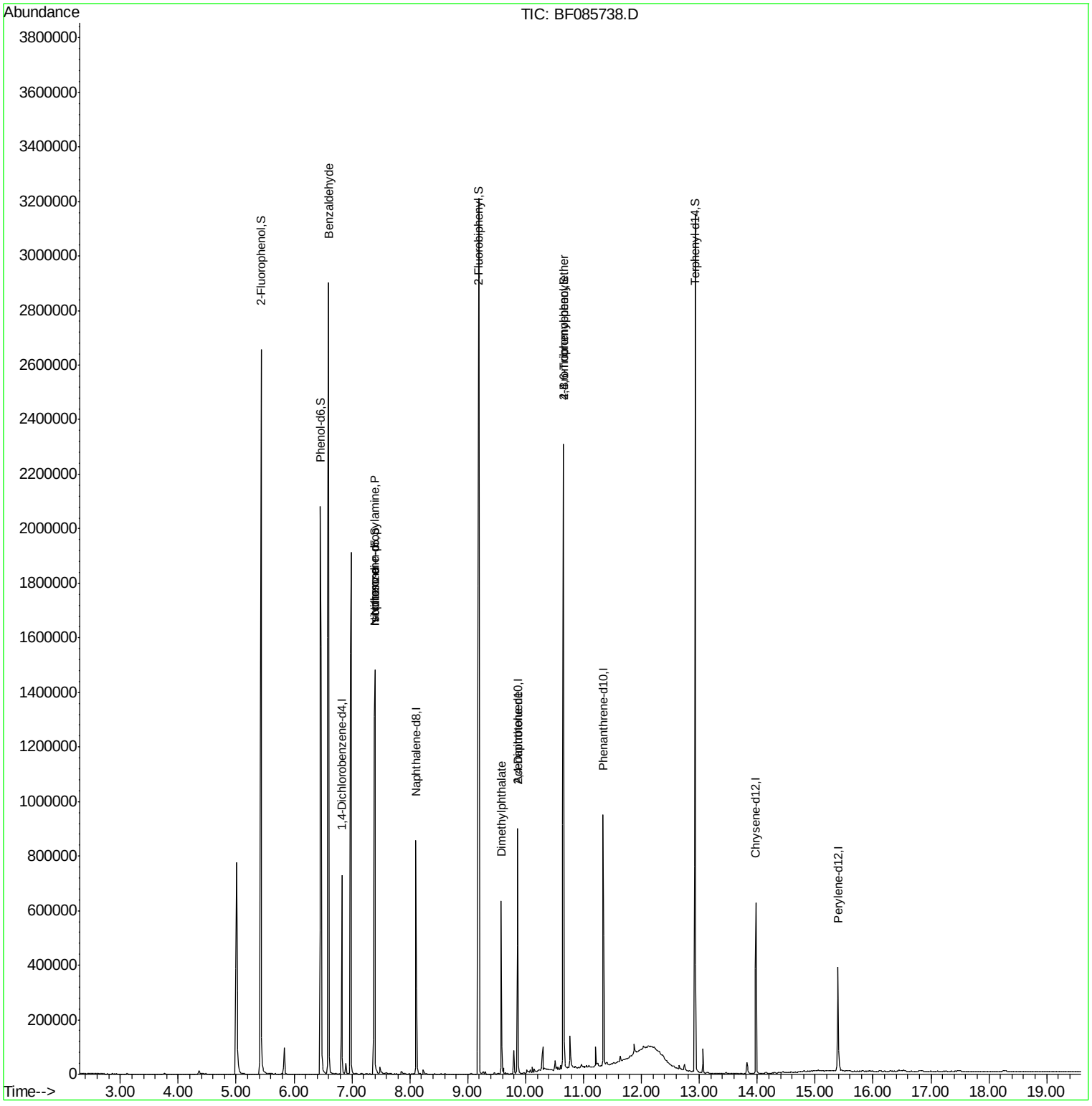
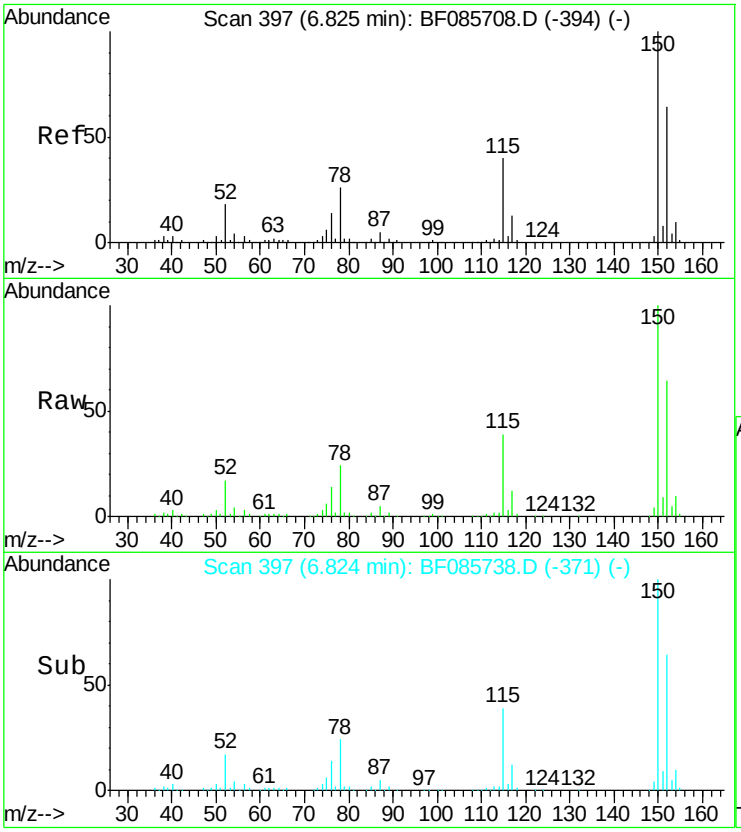


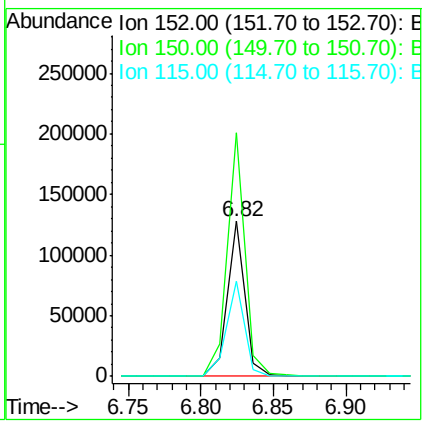


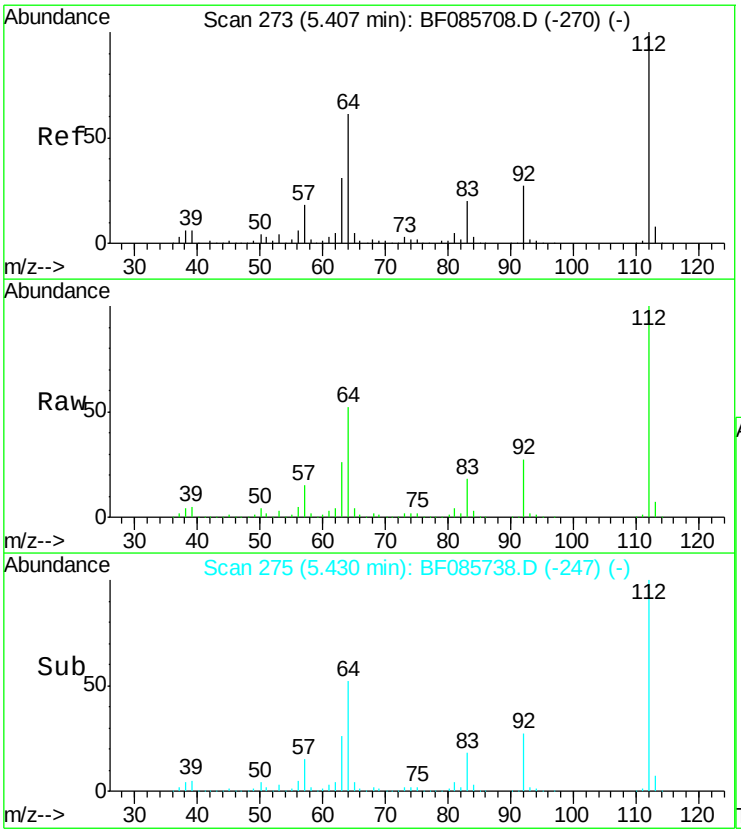
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion:152 Resp: 107775

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	61.3	47.0	70.6

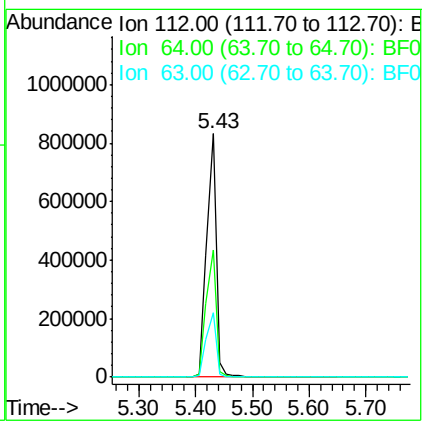


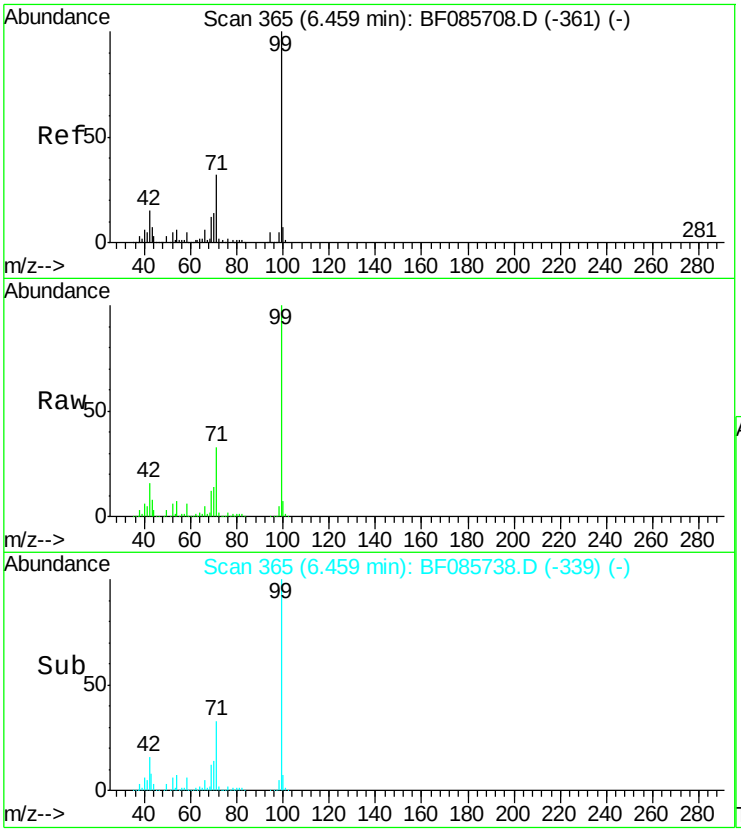


#5
2-Fluorophenol
Concen: 142.73 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:112 Resp: 923650

Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.9	59.9
63	26.2	20.2	30.2



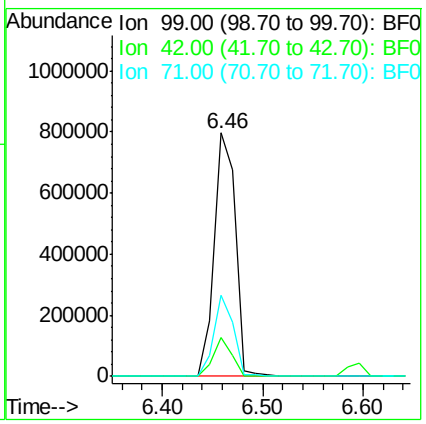


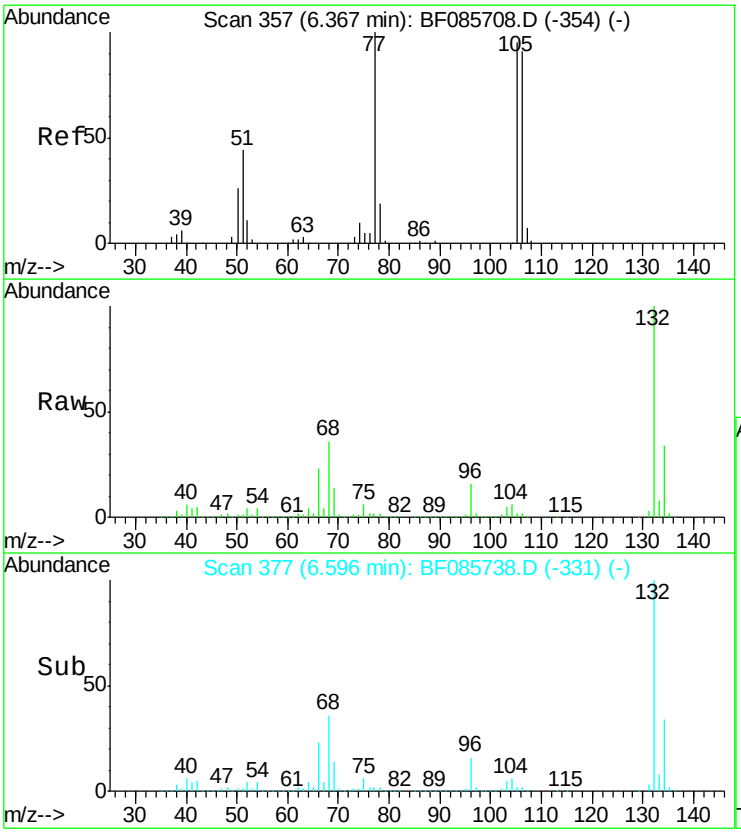
#7
Phenol-d6
Concen: 141.68 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion: 99 Resp: 1165745

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.1	16.7
71	33.3	24.9	37.3

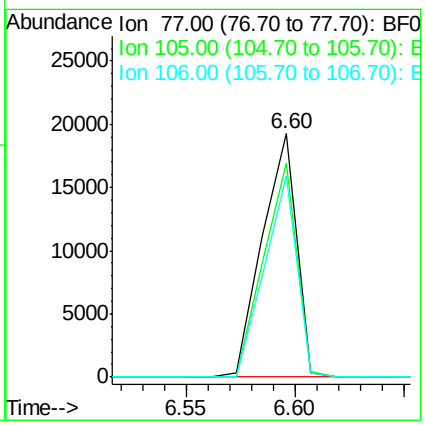


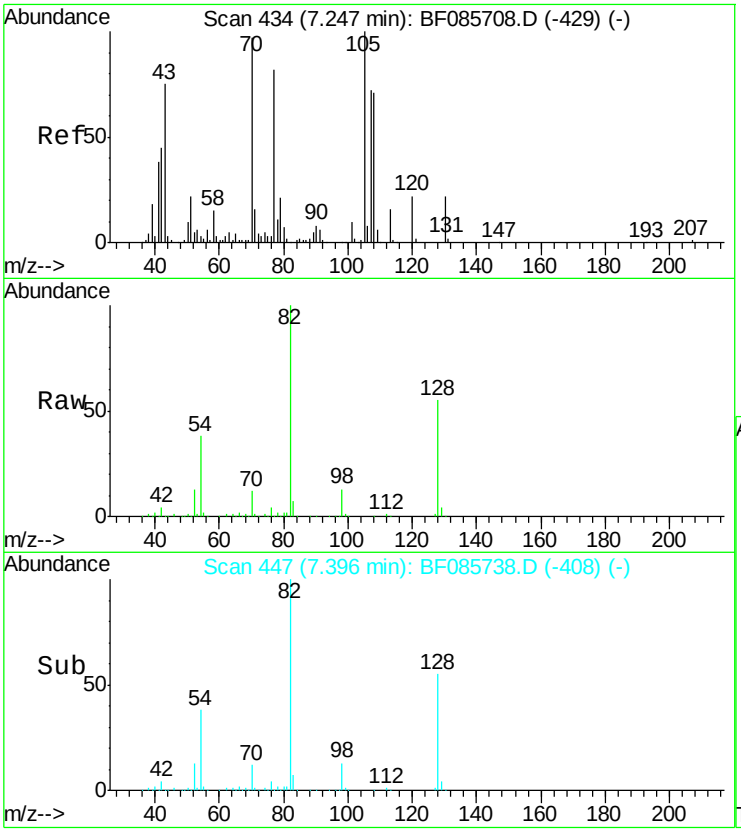


#9
Benzaldehyde
Concen: 4.29 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.23 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion: 77 Resp: 21271

Ion	Ratio	Lower	Upper
77	100		
105	87.9	80.1	120.1
106	82.7	75.0	115.0



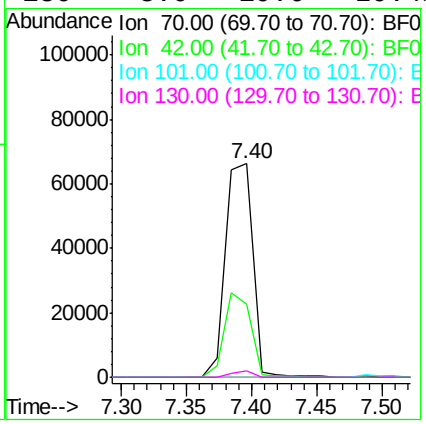


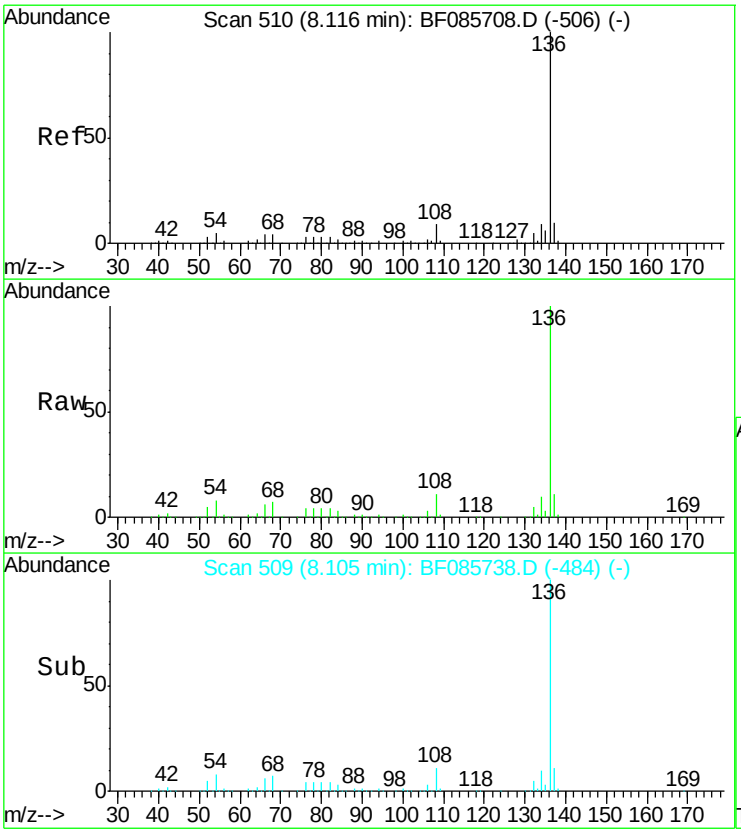
#19
n-Nitroso-di-n-propylamine
Concen: 19.54 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion: 70 Resp: 96269

Ion	Ratio	Lower	Upper
70	100		
42	33.9	37.1	55.7#
101	0.0	8.6	12.8#
130	3.0	19.6	29.4#

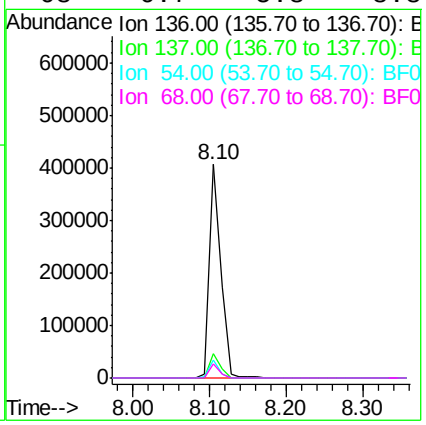


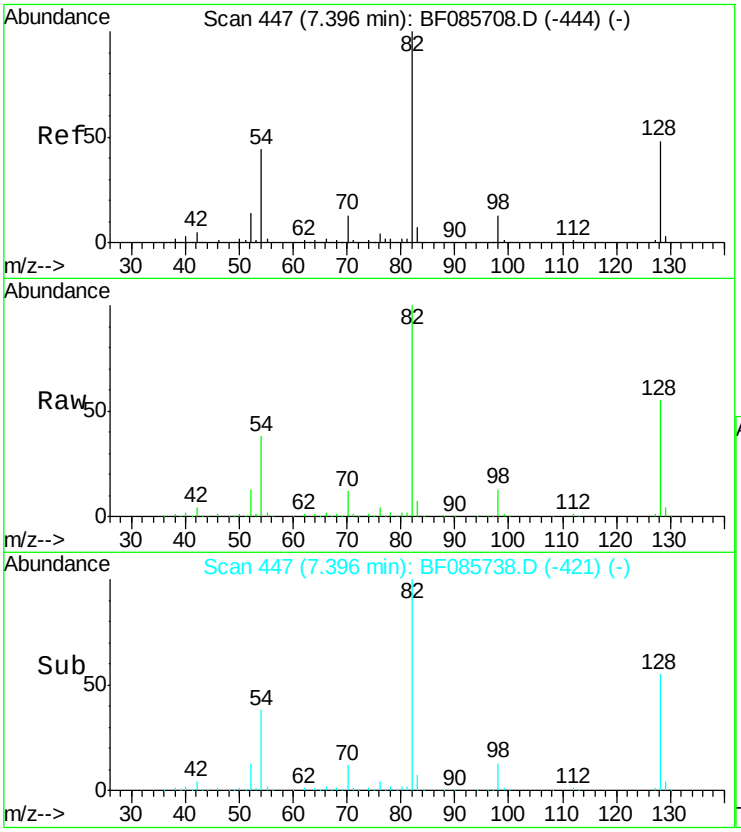


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:136 Resp: 416606

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.4	7.4	11.0
68	6.7	5.8	8.8



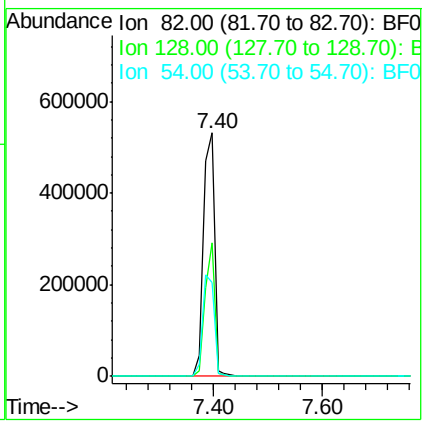


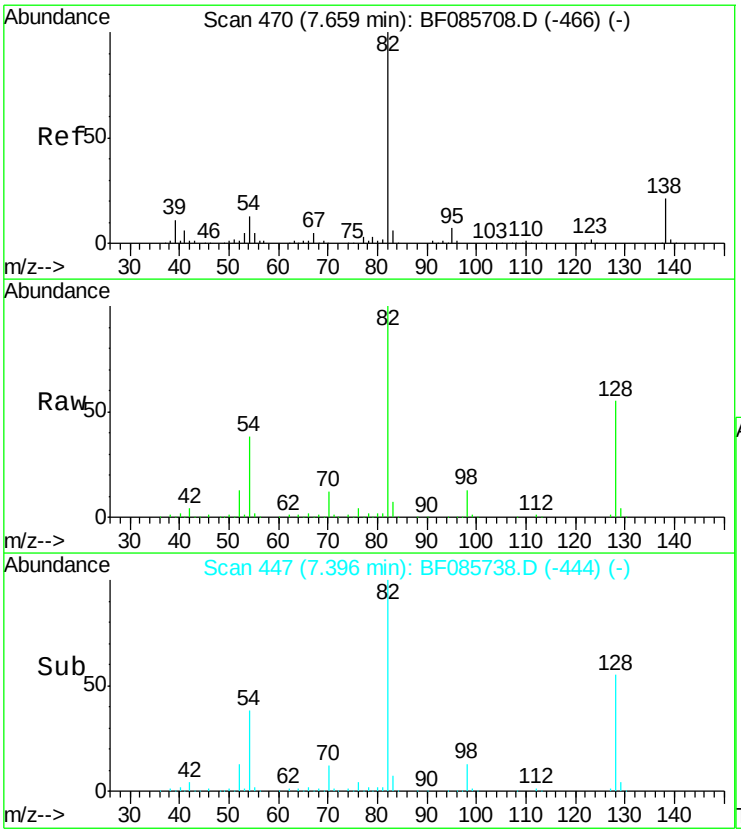
#23
Nitrobenzene-d5
Concen: 100.24 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion: 82 Resp: 741556

Ion	Ratio	Lower	Upper
82	100		
128	55.1	41.8	62.8
54	38.5	33.4	50.0

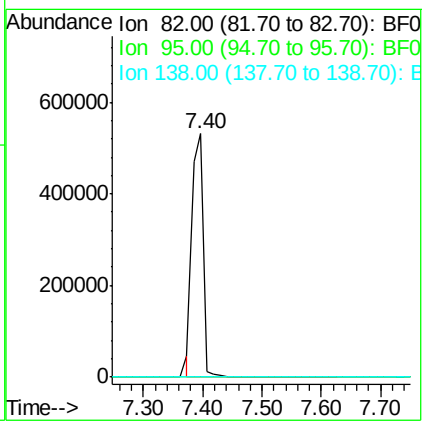


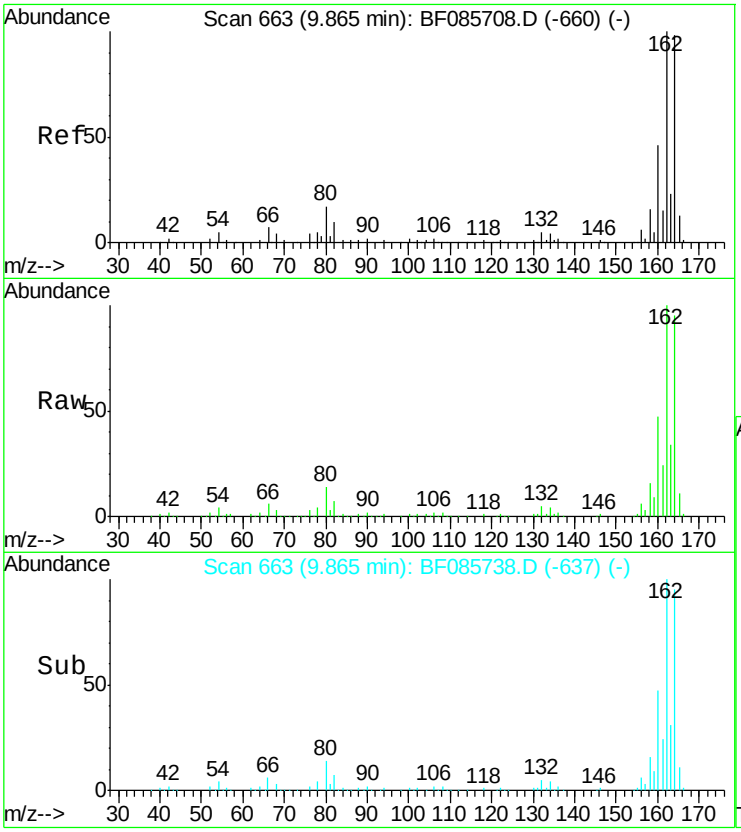


#25
Isophorone
Concen: 49.46 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.26 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion: 82 Resp: 704798

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



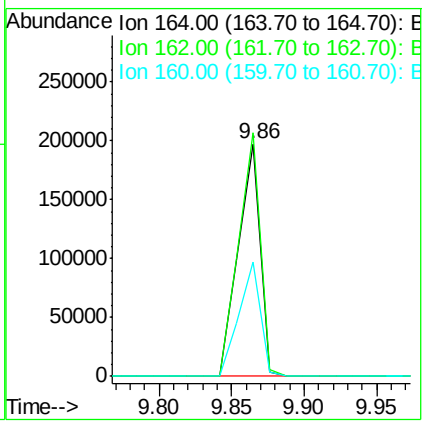


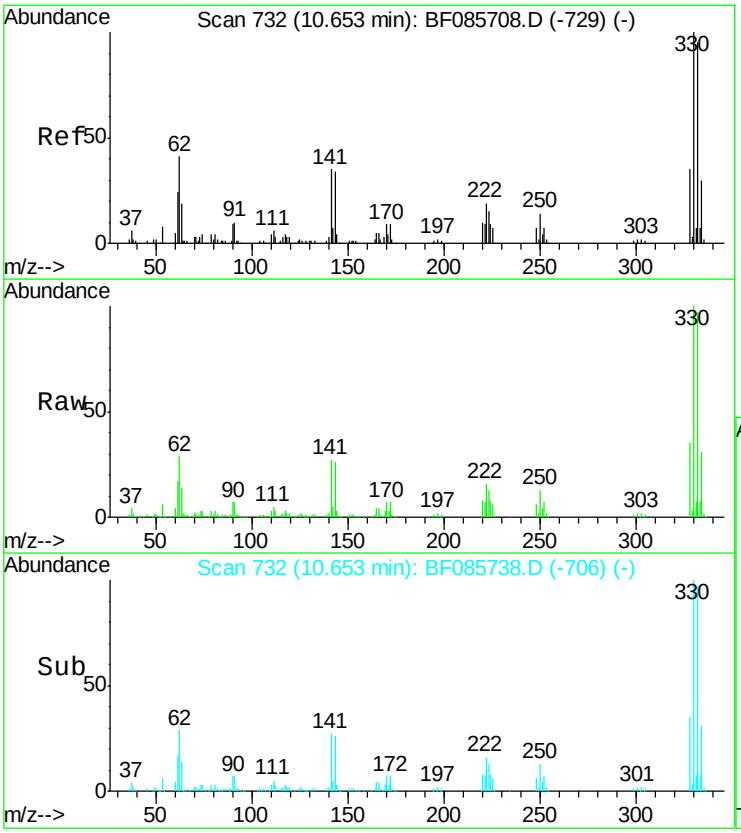
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion:164 Resp: 206690

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.1	123.1
160	49.0	37.4	56.2

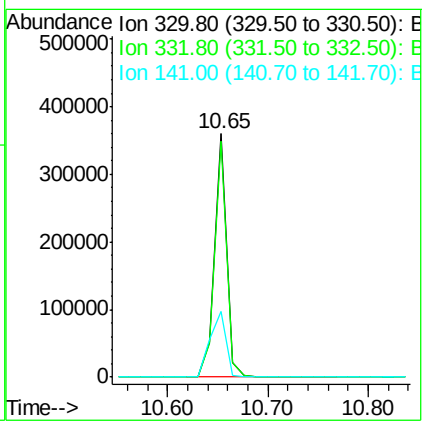


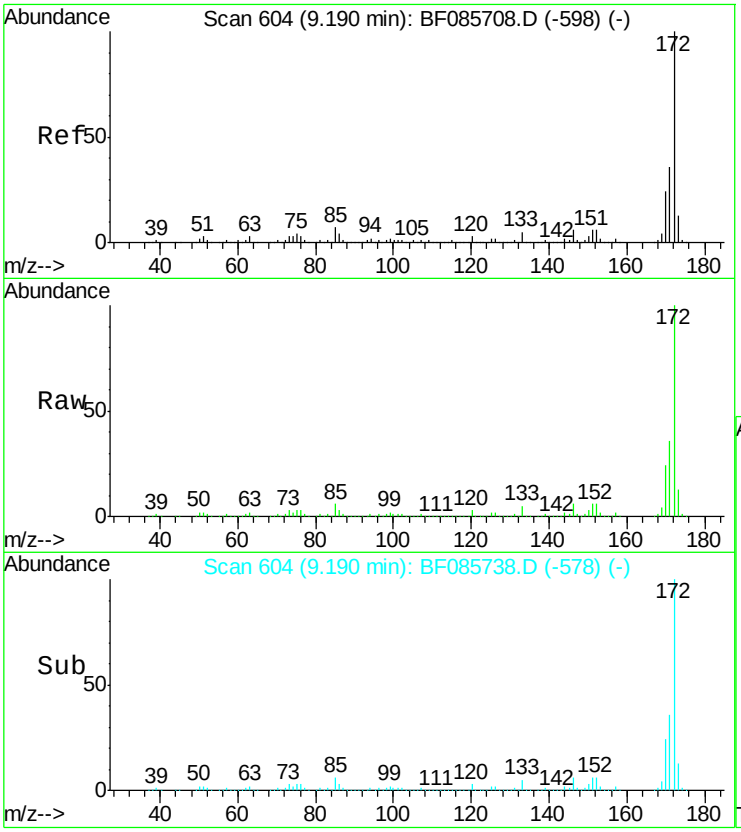


#41
2,4,6-Tribromophenol
Concen: 153.62 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:330 Resp: 301677

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.2
141	36.4	31.5	47.3



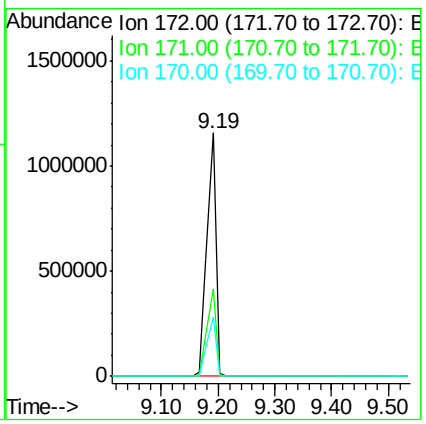


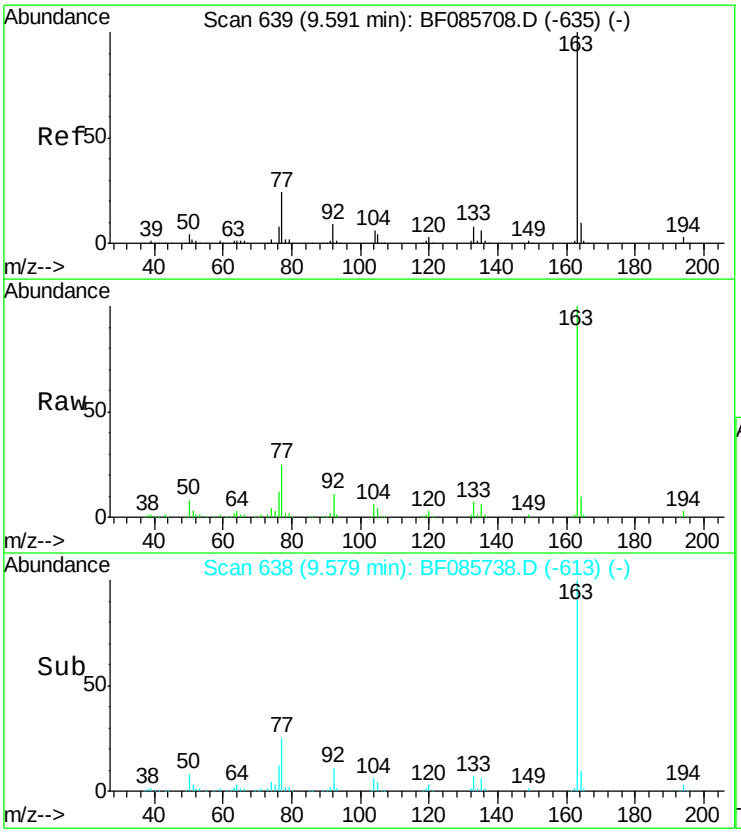
#44
2-Fluorobiphenyl
Concen: 97.83 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion:172 Resp: 1210271

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	24.2	19.8	29.6

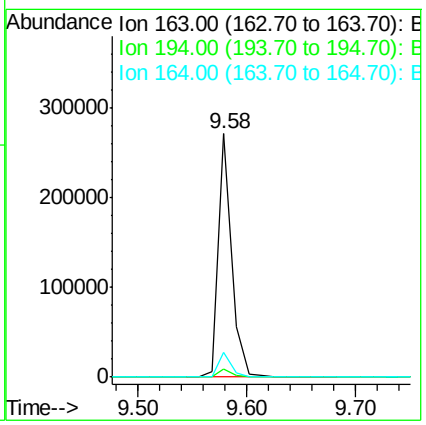


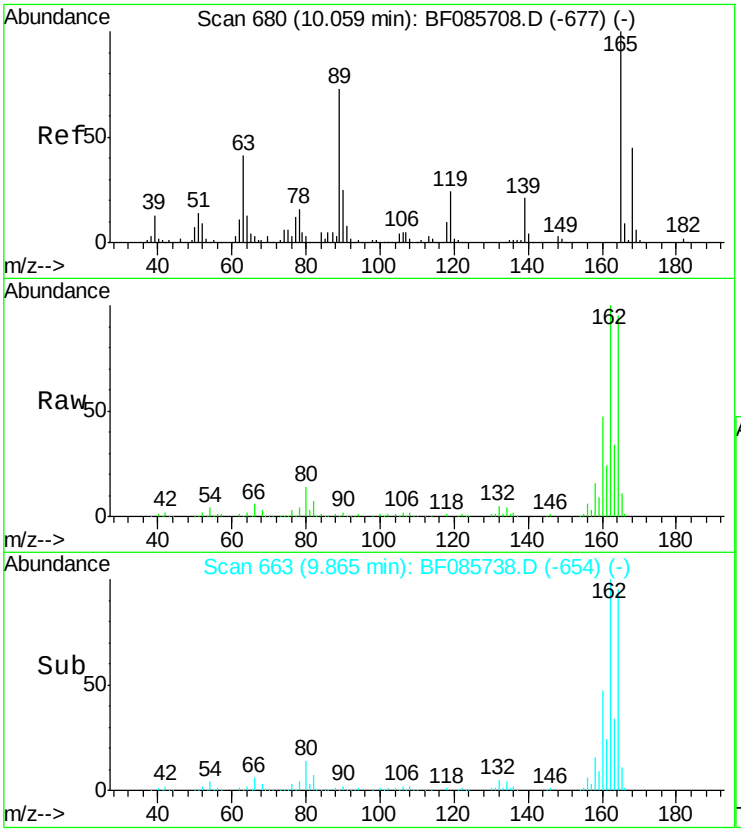


#49
Dimethylphthalate
Concen: 14.85 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:163 Resp: 232846

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.3	8.3	12.5



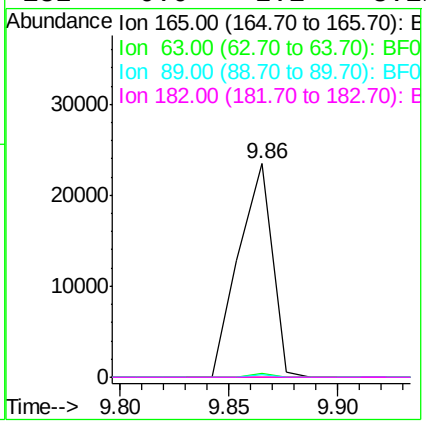


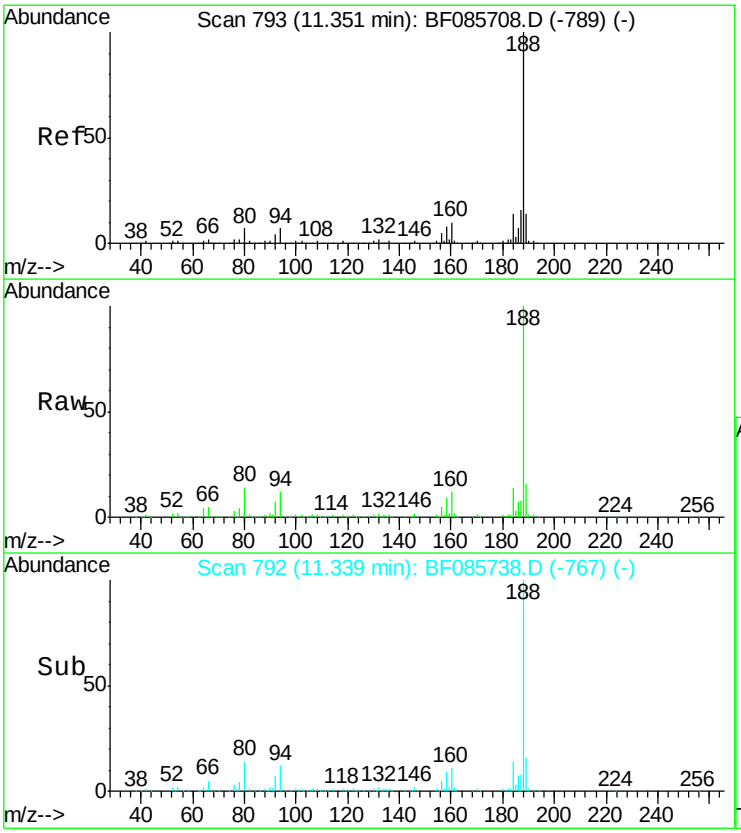
#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion:165 Resp: 25269

Ion	Ratio	Lower	Upper
165	100		
63	1.8	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

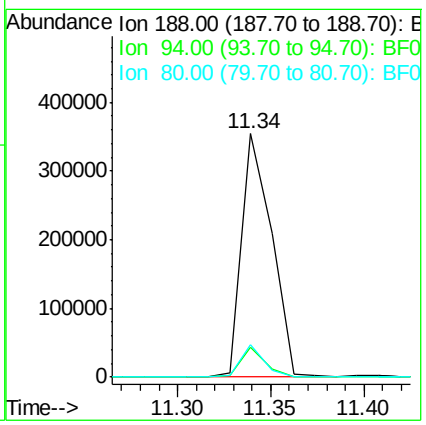


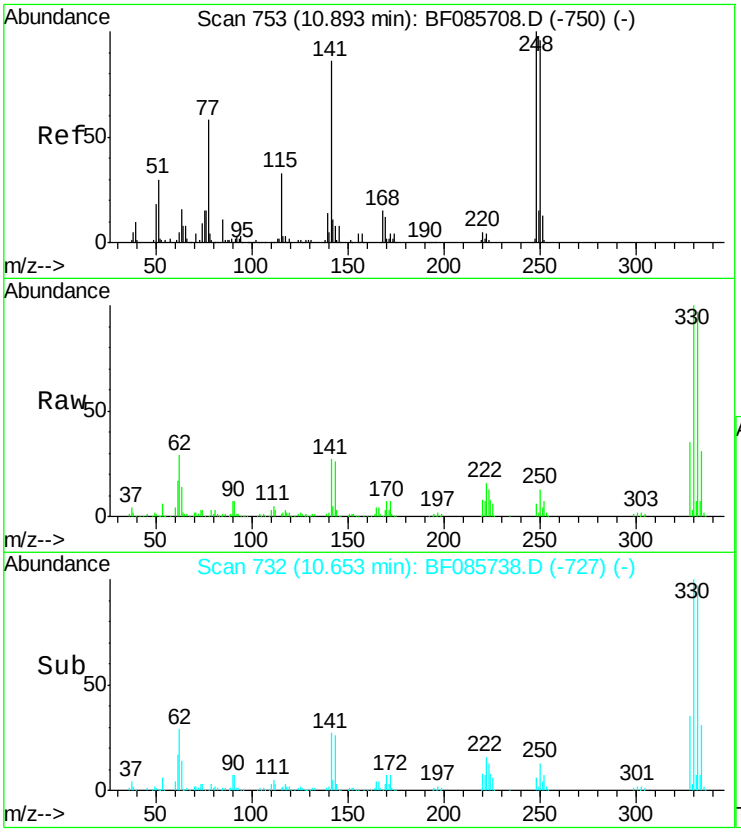


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:188 Resp: 395433

Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.4	8.0#
80	13.6	5.5	8.3#



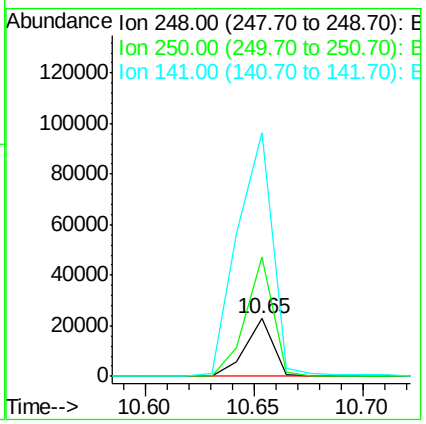


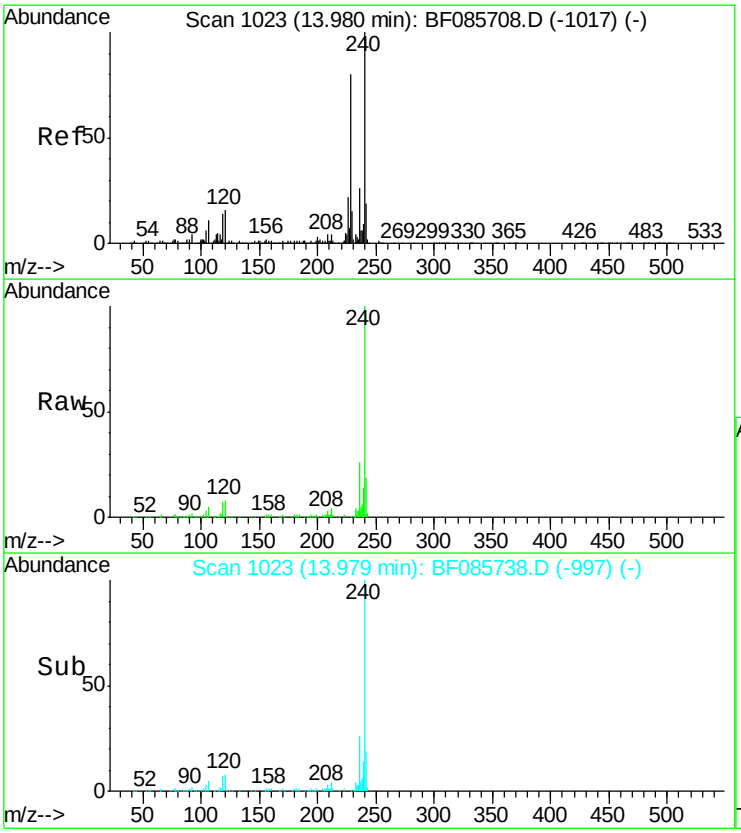
#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion:248 Resp: 20041

Ion	Ratio	Lower	Upper
248	100		
250	208.3	77.4	116.0#
141	423.1	63.6	95.4#

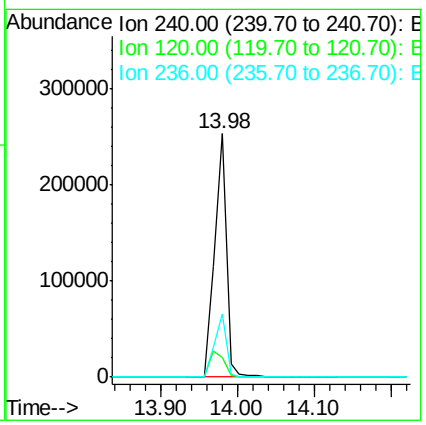


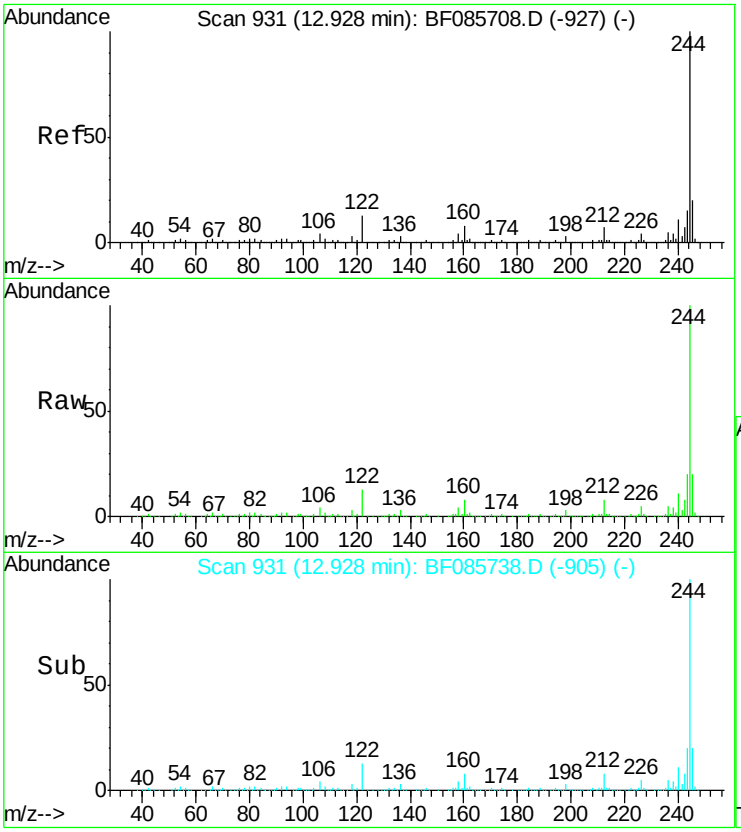


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:240 Resp: 268507

Ion	Ratio	Lower	Upper
240	100		
120	8.2	13.8	20.8#
236	25.9	20.6	30.8



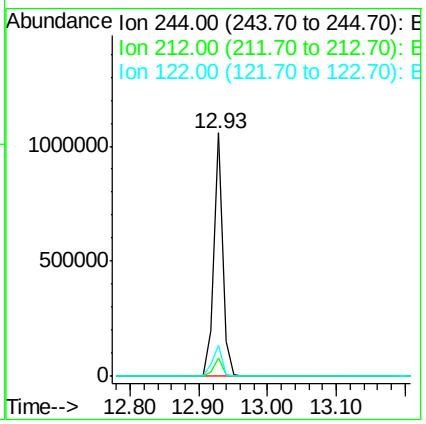


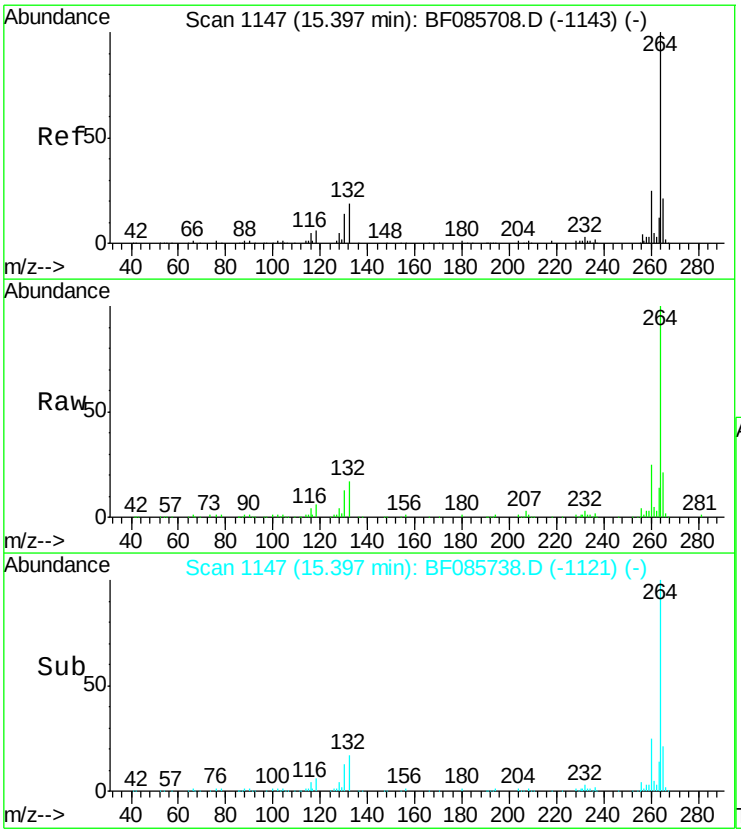
#78
Terphenyl-d14
Concen: 74.78 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion:244 Resp: 976329

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.6	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:264 Resp: 191377

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.4	17.2	25.8