Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086550.D
Acq On : 1 May 2016 4:45
Operator : UM/SJ
Sample : H2737-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-7-4-26-16

Quant Time: May 02 00:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	122430	20.00	ng		-0.05
21) Naphthalene-d8	8.05	136	533443	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	266210	20.00	ng		-0.05
63) Phenanthrene-d10	11.28	188	487979	20.00	ng		-0.05
75) Chrysene-d12	13.91	240	369311	20.00	ng		-0.06
86) Perylene-d12	15.30	264	285831	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	408458	57.55	ng		-0.04
7) Phenol-d6	6.40	99	368957	37.24	ng		-0.05
23) Nitrobenzene-d5	7.33	82	945694	95.56	ng		-0.05
41) 2,4,6-Tribromophenol	10.59	330	360436	128.39	ng		-0.05
44) 2-Fluorobiphenyl	9.13	172	1353748	90.15	ng		-0.05
78) Terphenyl-d14	12.87	244	1381435	82.41	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	21095	3.66	ng		83
15) Benzyl Alcohol	6.92	79	14830	2.37	ng	#	41
19) n-Nitroso-di-n-propylamine	7.33	70	127092	19.41	ng	#	77
25) Isophorone	7.33	82	693398	36.40	ng	#	68
49) Dimethylphthalate	9.53	163	52068	2.60	ng		98
50) 2,6-Dinitrotoluene	9.80	165	33068	7.99	ng	#	21
56) 2,4-Dinitrotoluene	9.80	165	33064	6.26	ng	#	16
66) 4-Bromophenyl-phenylether	10.59	248	22013	4.38	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
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Acq On : 1 May 2016 4:45
Operator : UM/SJ
Sample : H2737-02
Misc :
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HW-7-4-26-16

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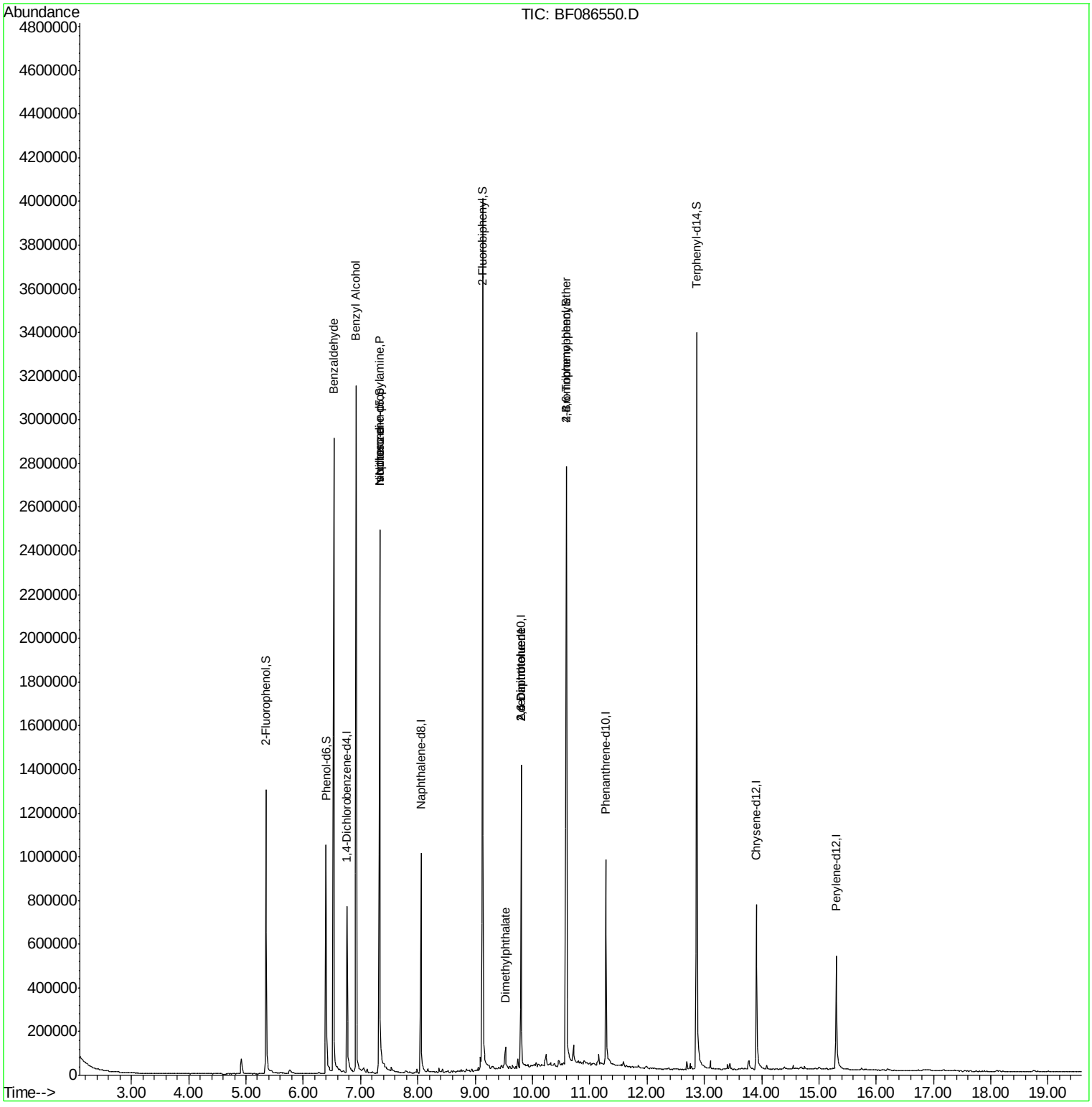
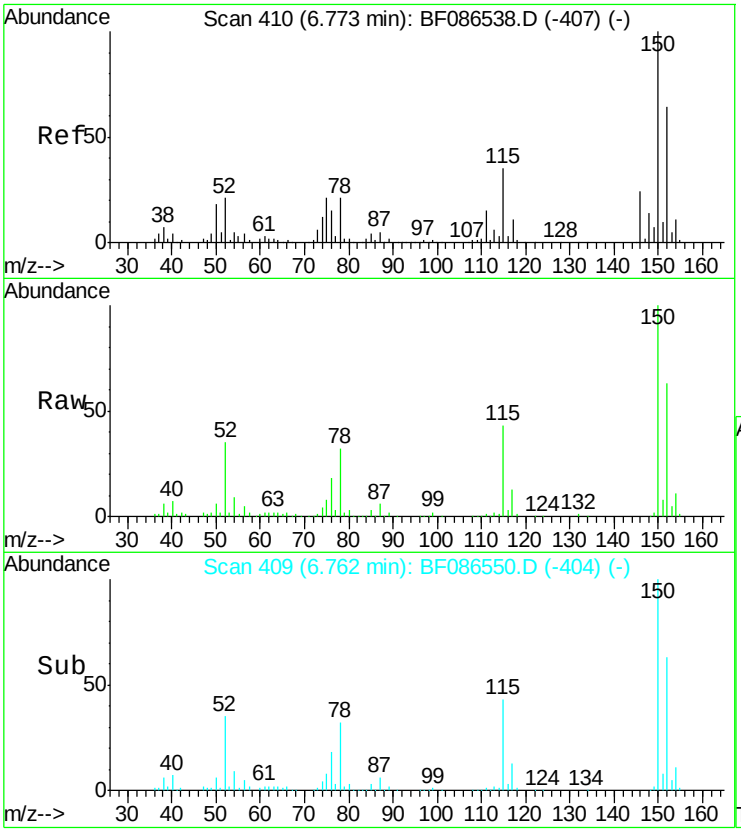


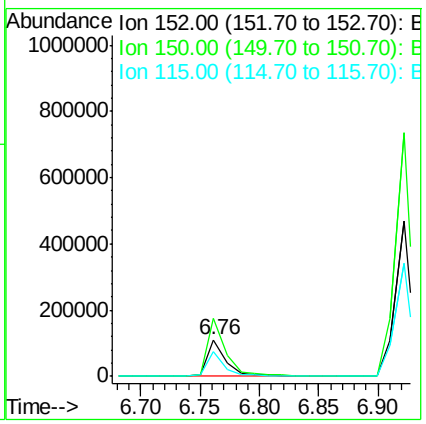


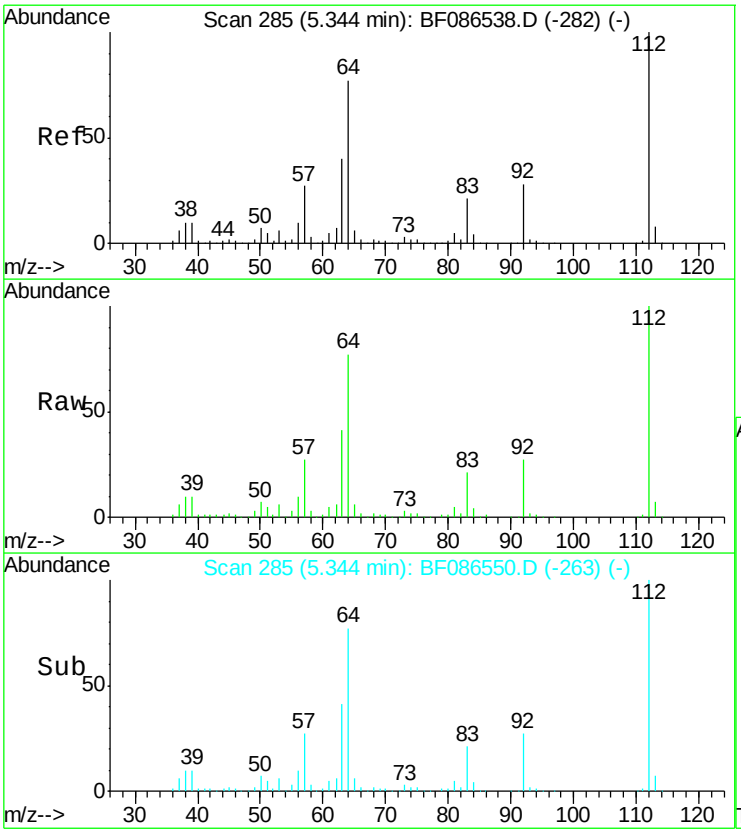
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:152 Resp: 122430

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.8	188.6
115	68.7	51.5	77.3

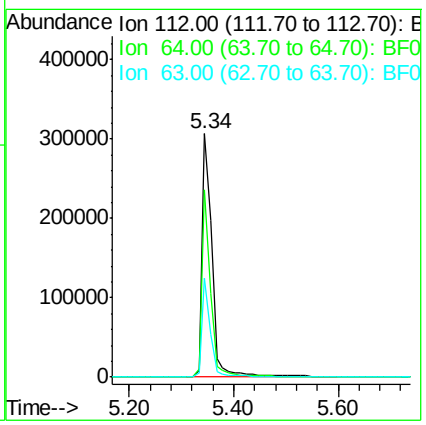


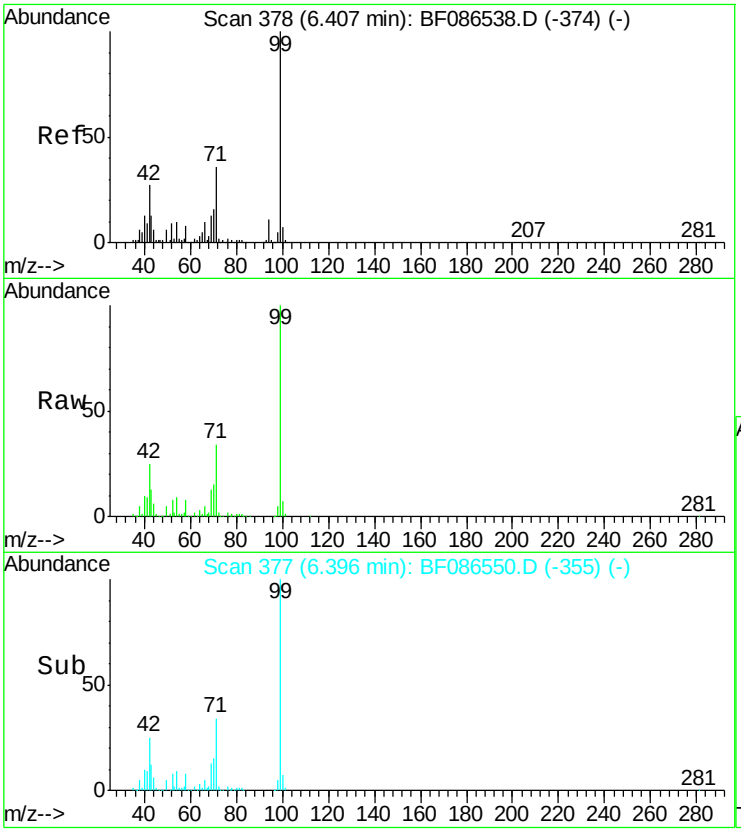


#5
2-Fluorophenol
Concen: 57.55 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:112 Resp: 408458

Ion	Ratio	Lower	Upper
112	100		
64	76.7	52.1	78.1
63	40.7	25.7	38.5#



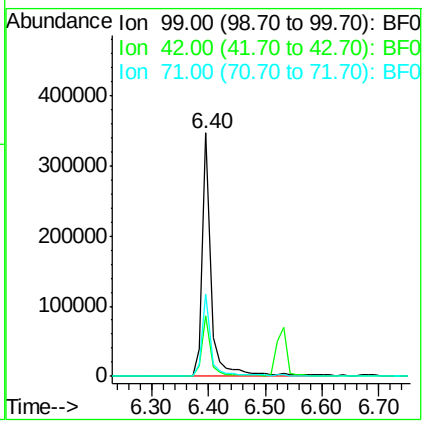


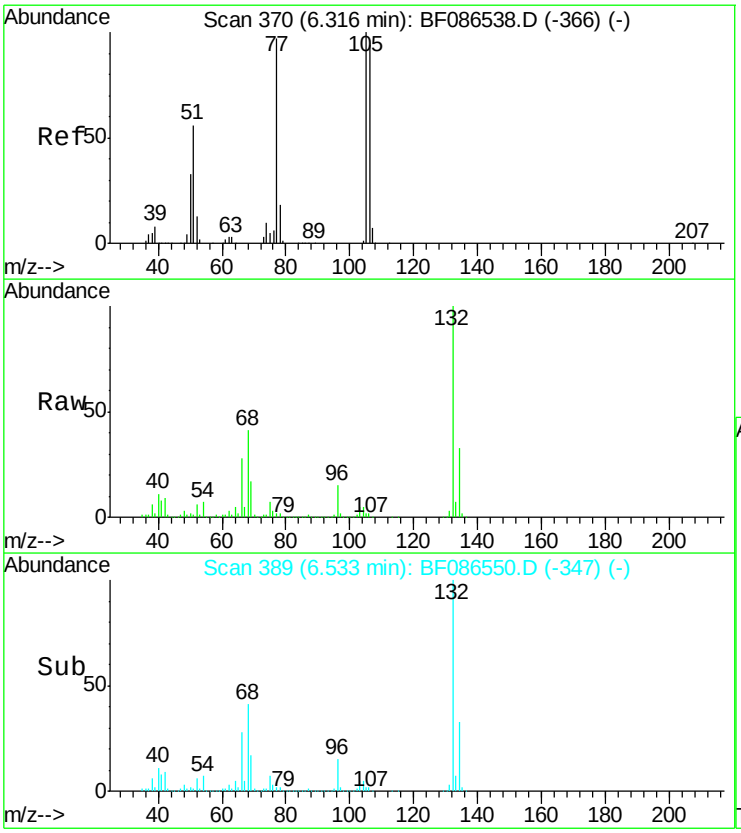
#7
Phenol-d6
Concen: 37.24 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion: 99 Resp: 368957

Ion	Ratio	Lower	Upper
99	100		
42	24.7	13.6	20.4#
71	34.0	24.6	36.8

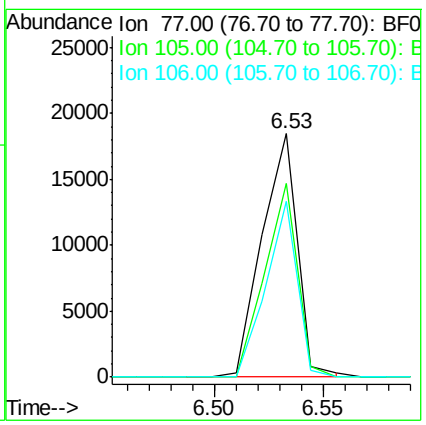


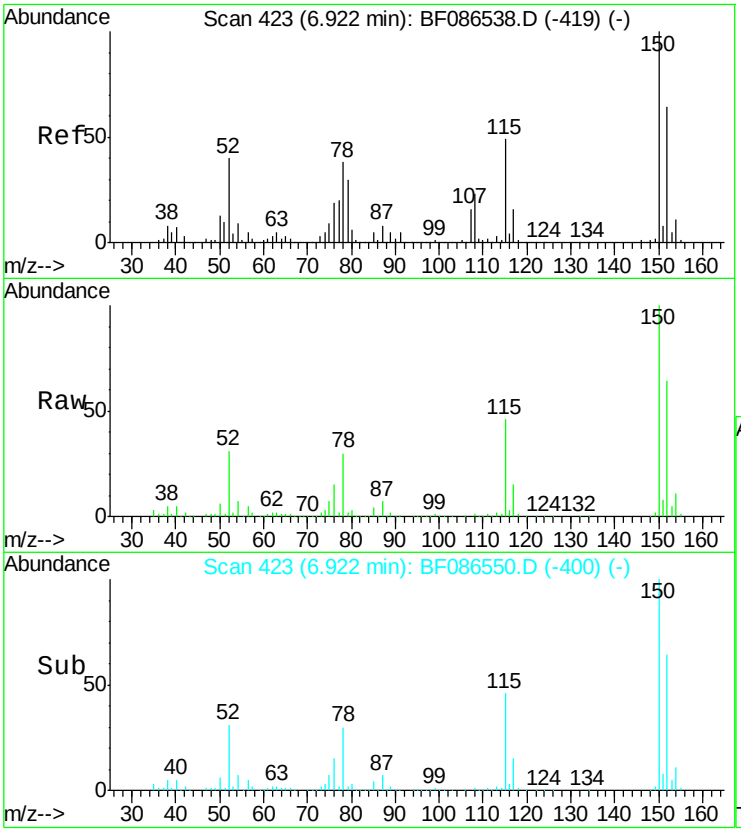


#9
Benzaldehyde
Concen: 3.66 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.18 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion: 77 Resp: 21095

Ion	Ratio	Lower	Upper
77	100		
105	79.5	72.7	112.7
106	72.0	70.8	110.8



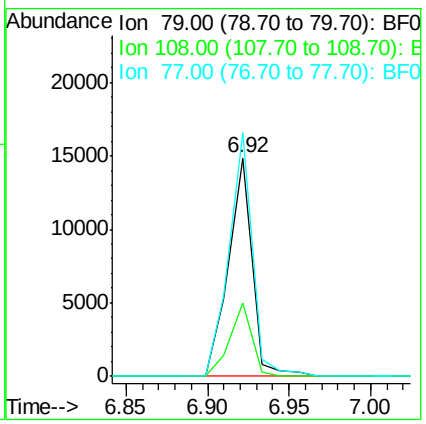


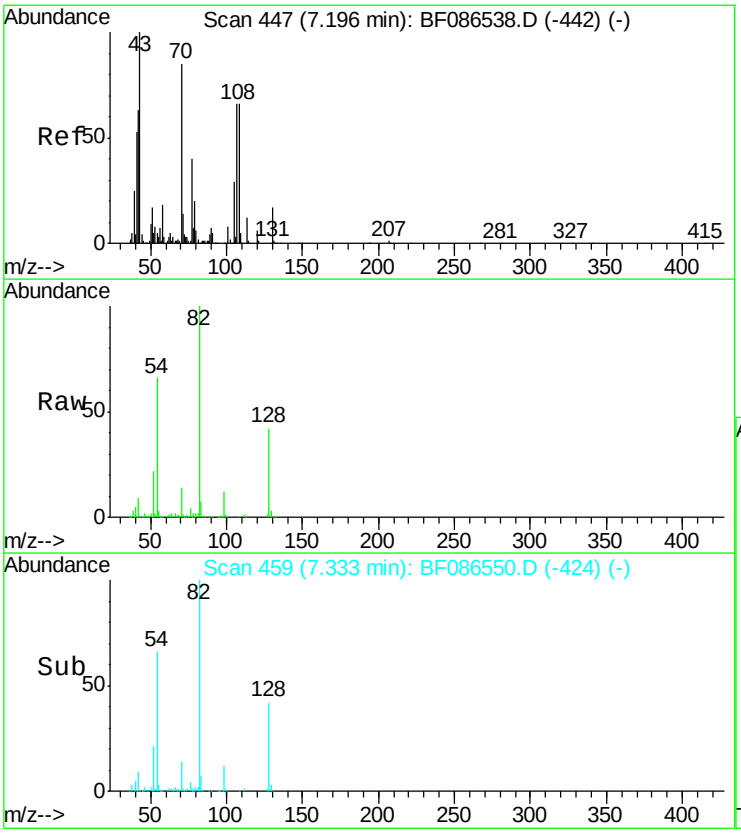
#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion: 79 Resp: 14830

Ion	Ratio	Lower	Upper
79	100		
108	33.6	68.4	102.6#
77	111.5	50.6	76.0#

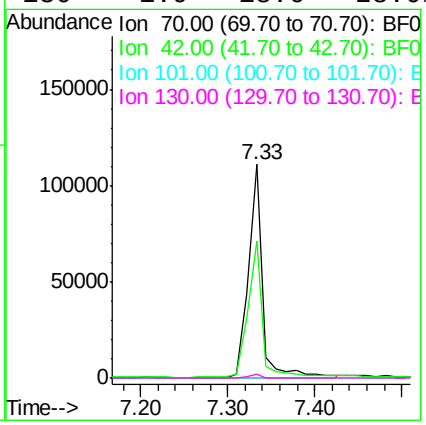


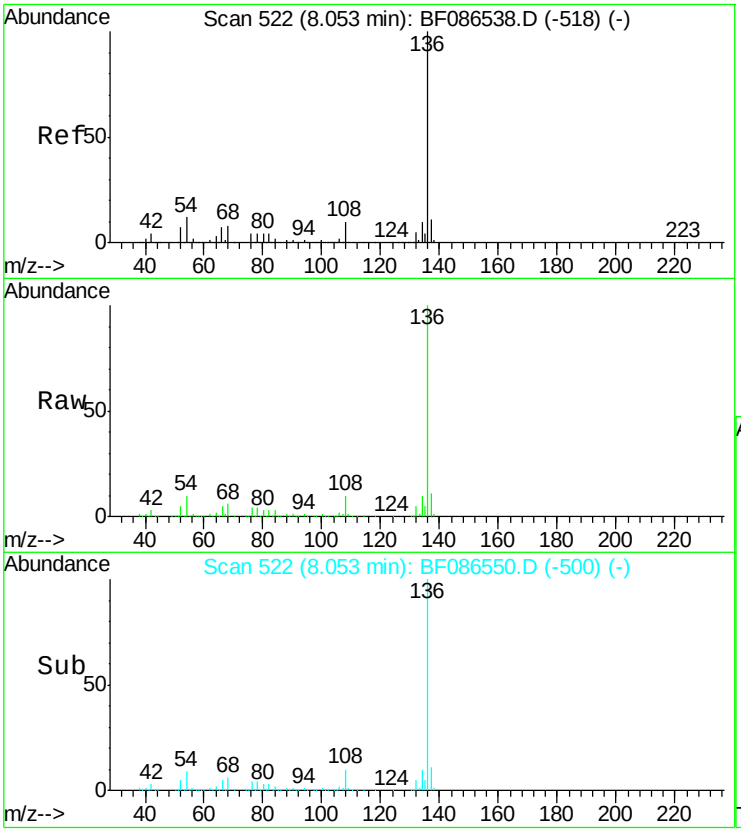


#19
n-Nitroso-di-n-propylamine
Concen: 19.41 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion: 70 Resp: 127092

Ion	Ratio	Lower	Upper
70	100		
42	63.9	43.1	64.7
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



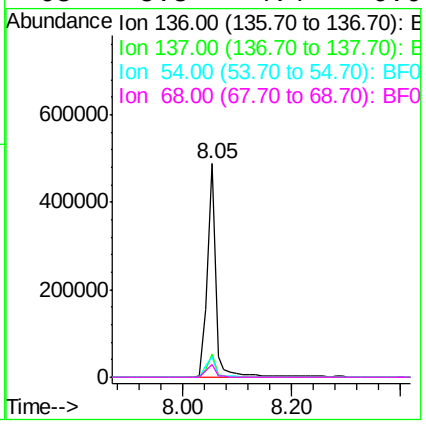


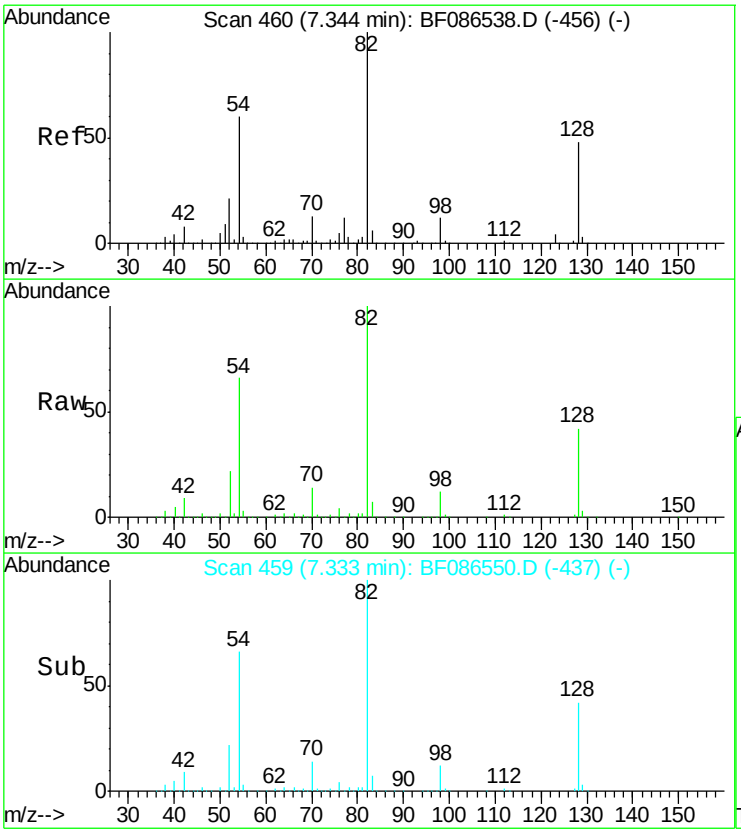
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:136 Resp: 533443

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.5	5.0	7.4#
68	5.8	4.4	6.6

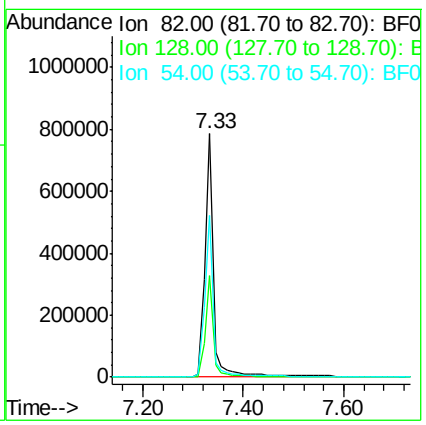


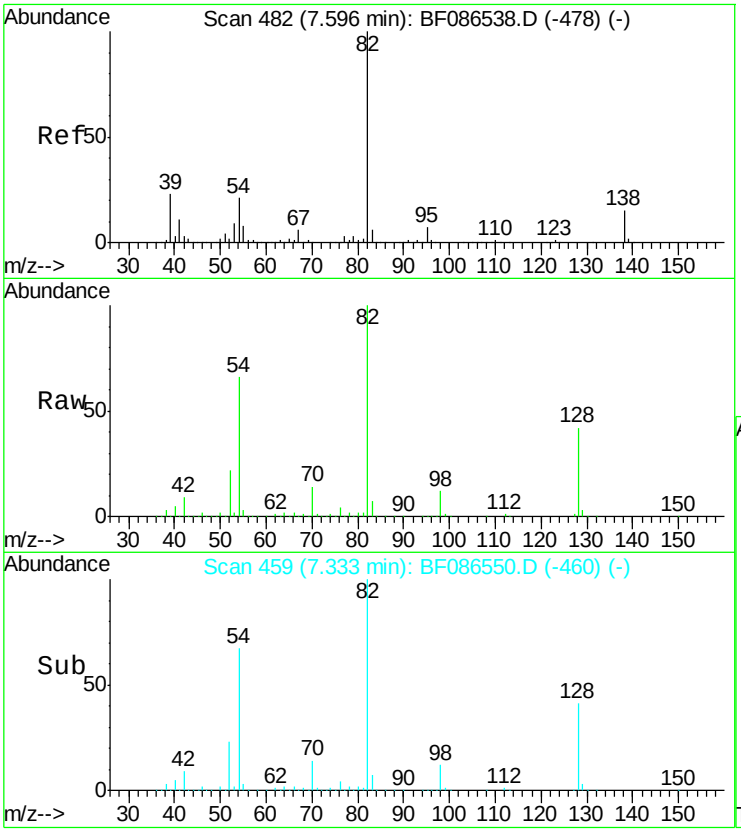


#23
Nitrobenzene-d5
Concen: 95.56 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion: 82 Resp: 945694

Ion	Ratio	Lower	Upper
82	100		
128	41.8	40.6	61.0
54	66.2	38.1	57.1#



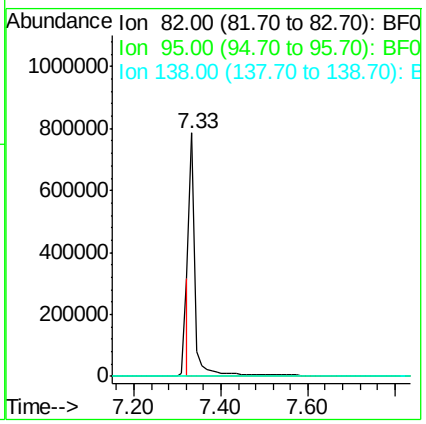


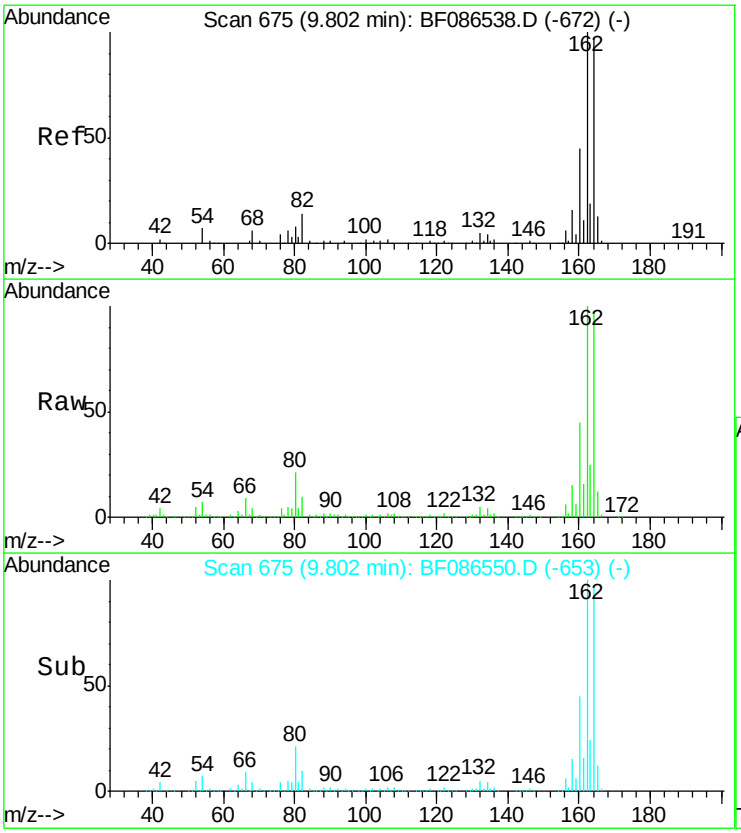
#25
Isophorone
Concen: 36.40 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.31 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion: 82 Resp: 693398

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

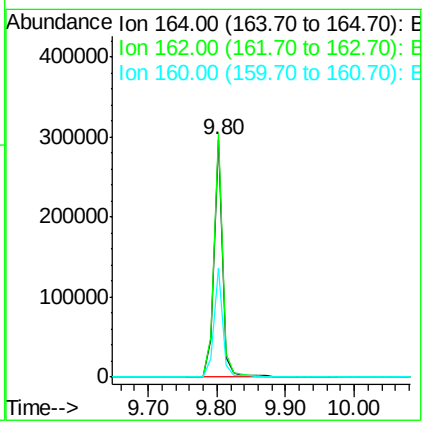


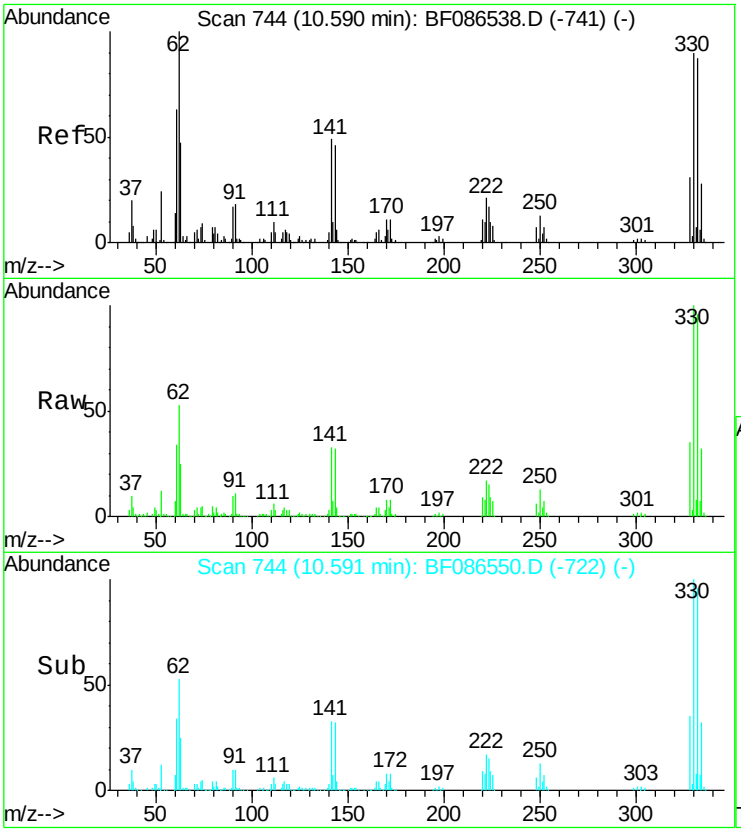


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:164 Resp: 266210

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	46.2	36.9	55.3



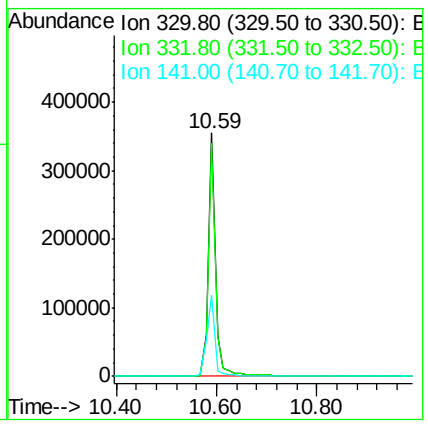


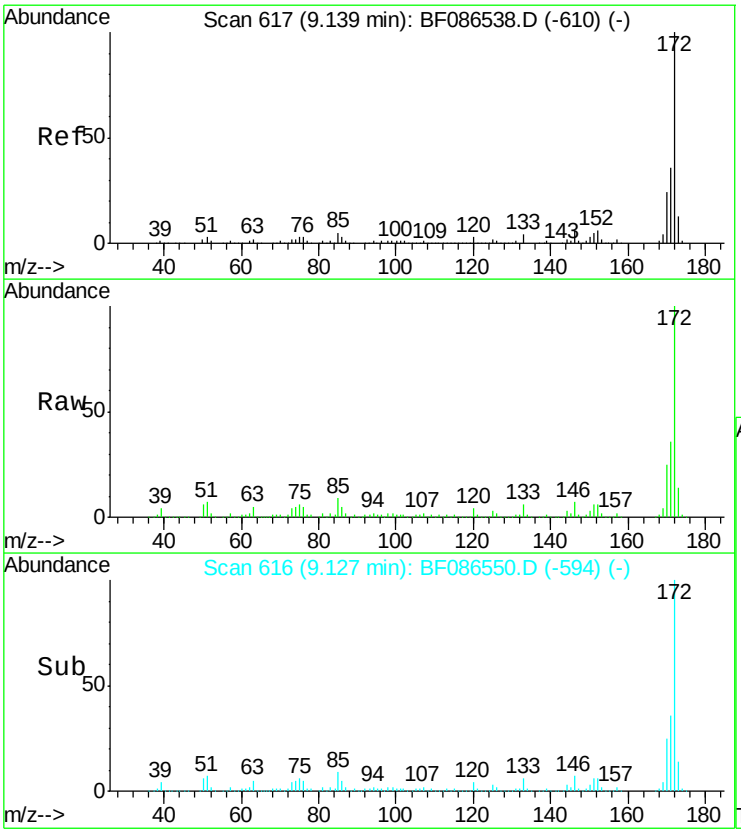
#41
2,4,6-Tribromophenol
Concen: 128.39 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:330 Resp: 360436

Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	37.3	31.2	46.8

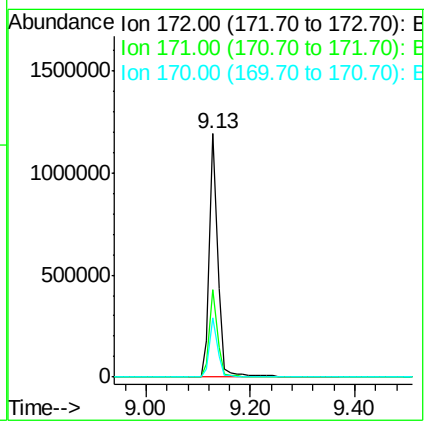


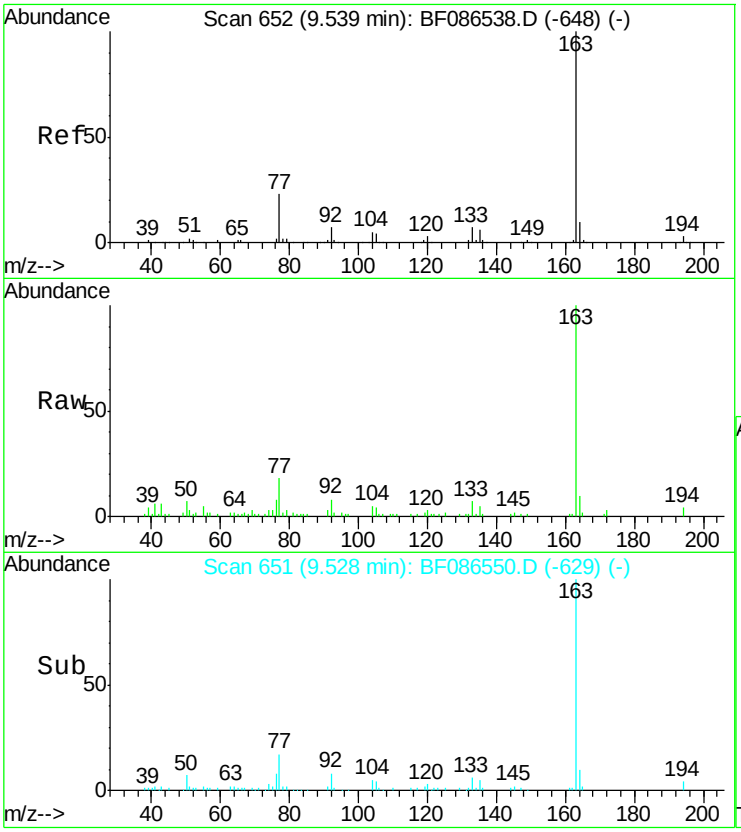


#44
2-Fluorobiphenyl
Concen: 90.15 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:172 Resp: 1353748

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.5	19.8	29.8



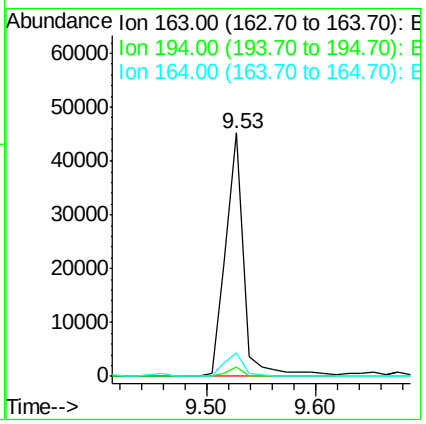


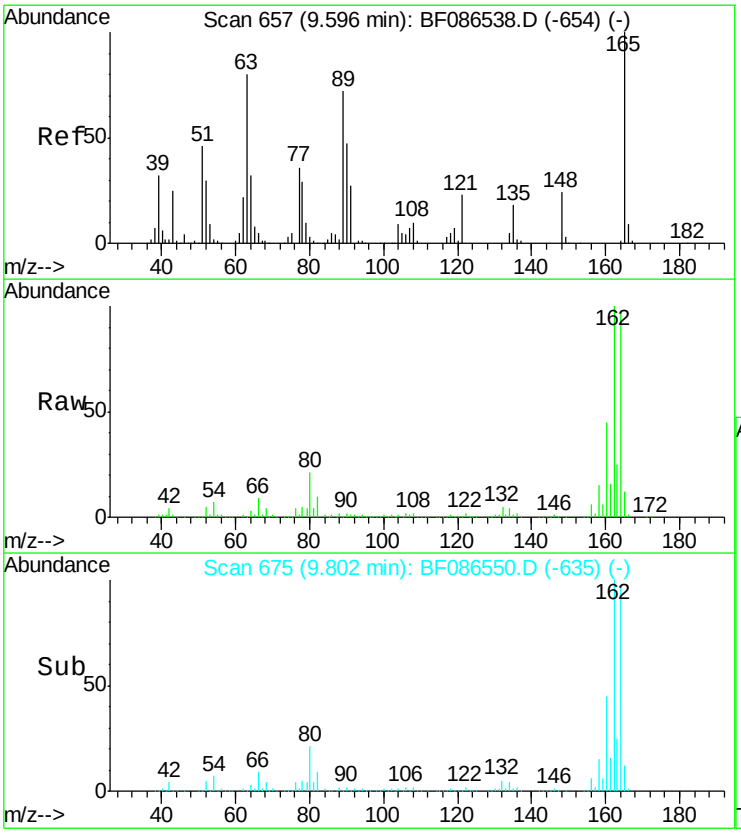
#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:163 Resp: 52068

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.5	8.2	12.4

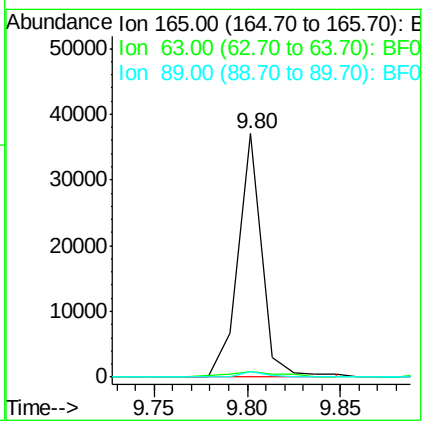


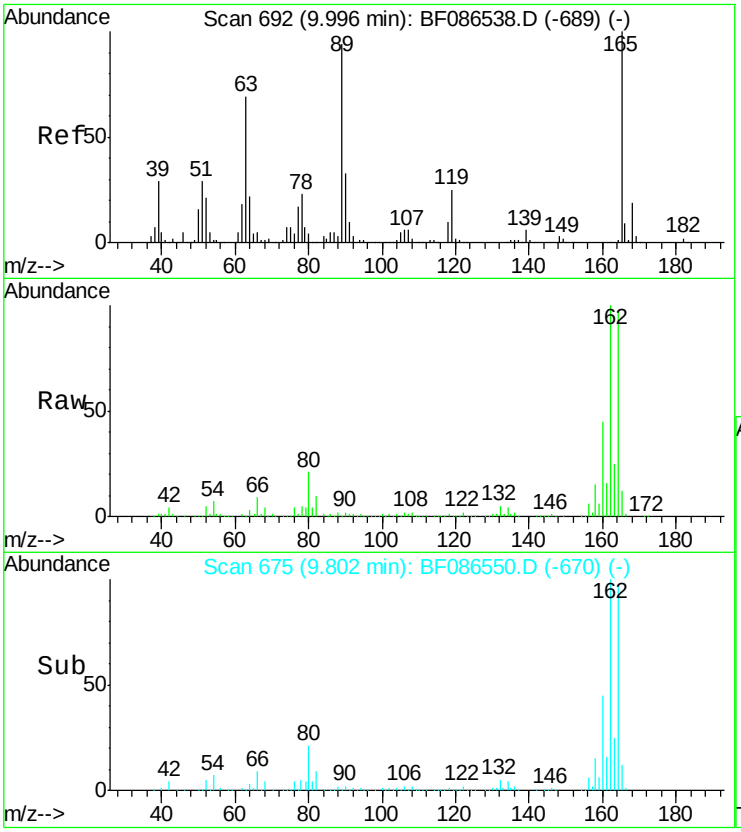


#50
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.16 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:165 Resp: 33068

Ion	Ratio	Lower	Upper
165	100		
63	2.3	51.8	77.8#
89	2.1	50.7	76.1#



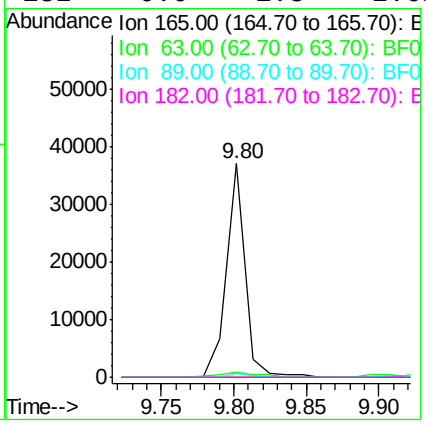


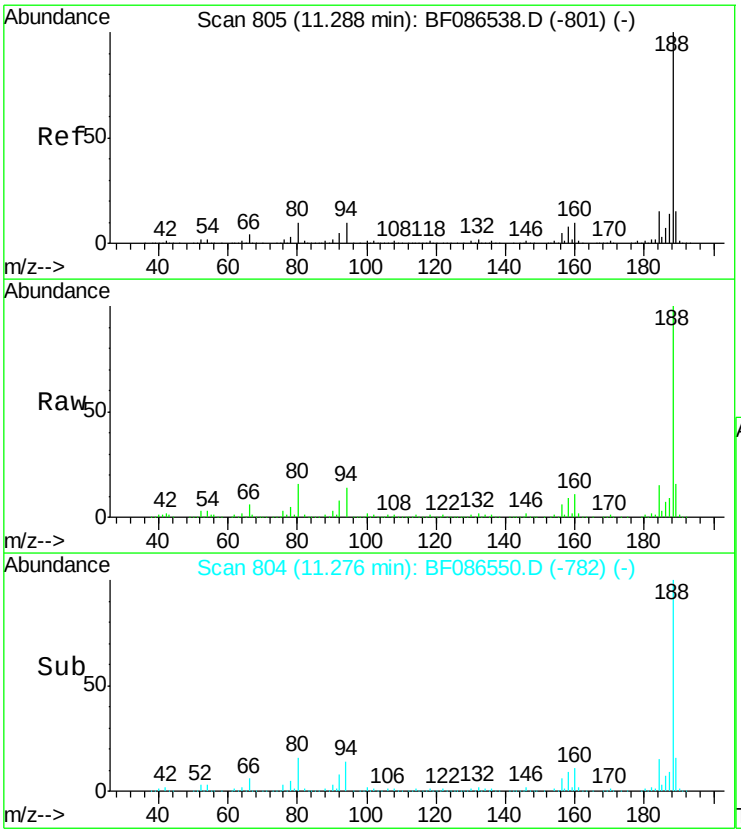
#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.24 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:165 Resp: 33064

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

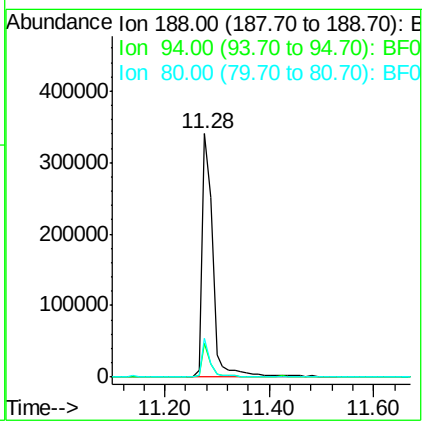


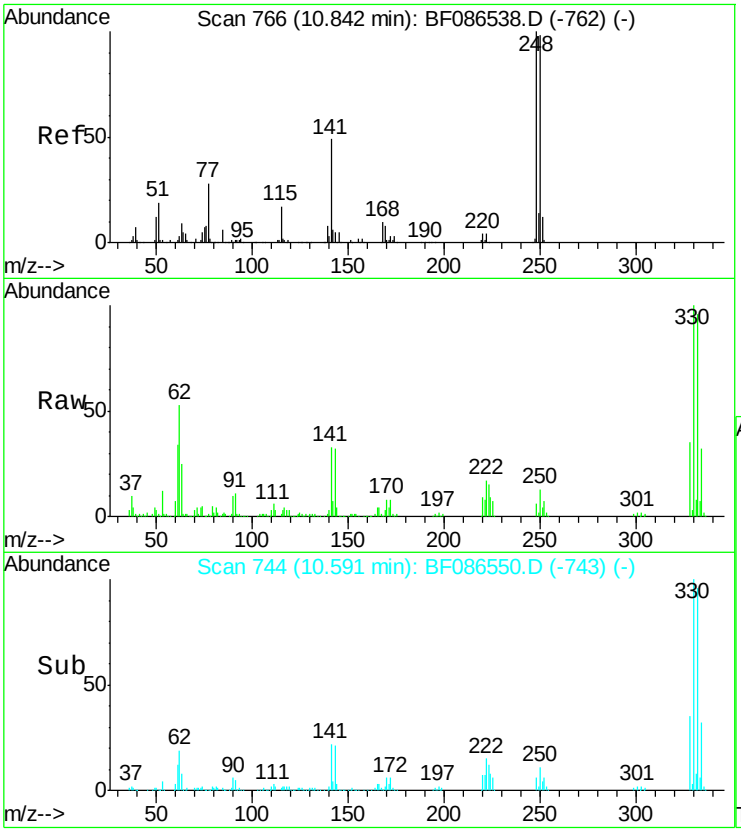


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:188 Resp: 487979

Ion	Ratio	Lower	Upper
188	100		
94	13.9	6.8	10.2#
80	16.0	7.1	10.7#



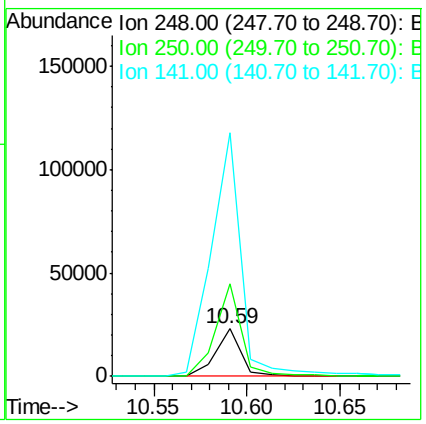


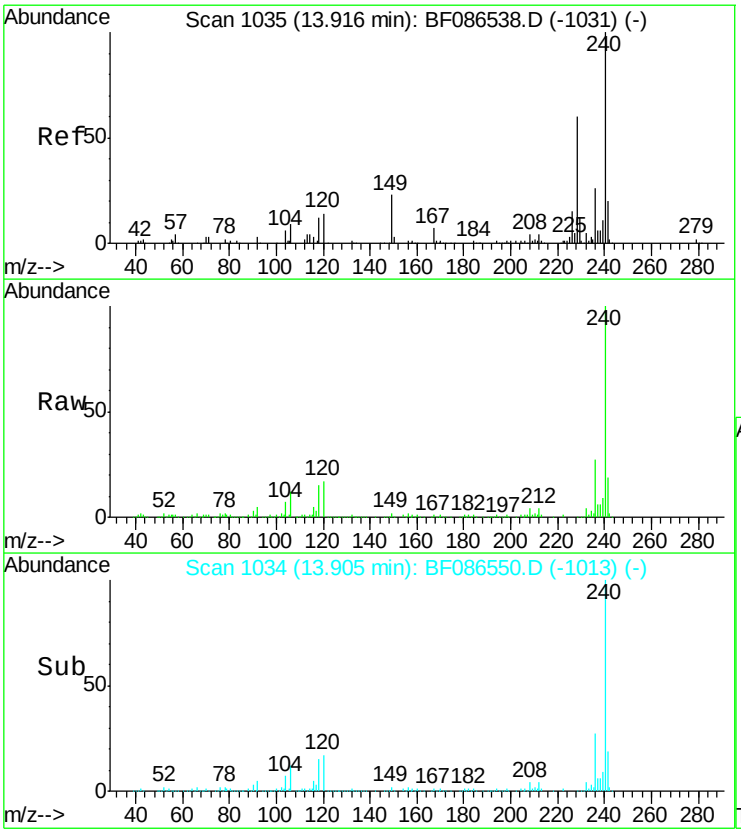
#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.29 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:248 Resp: 22013

Ion	Ratio	Lower	Upper
248	100		
250	194.0	78.6	117.8#
141	510.5	76.0	114.0#

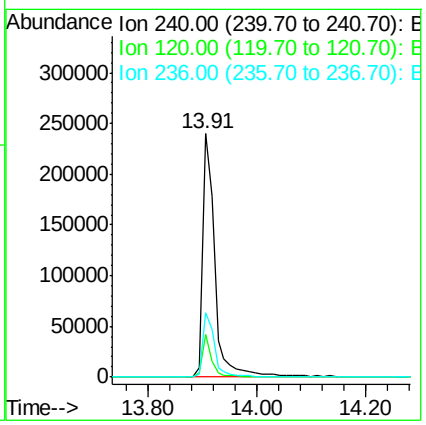


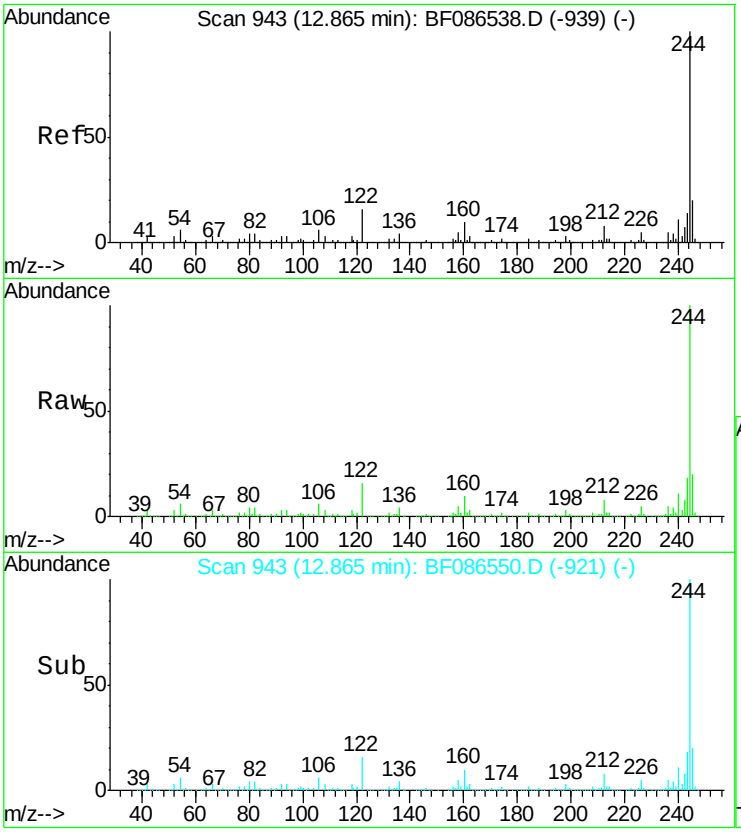


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:240 Resp: 369311

Ion	Ratio	Lower	Upper
240	100		
120	17.4	11.2	16.8#
236	26.7	21.2	31.8



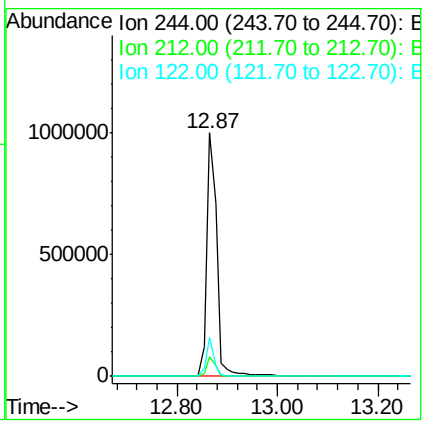


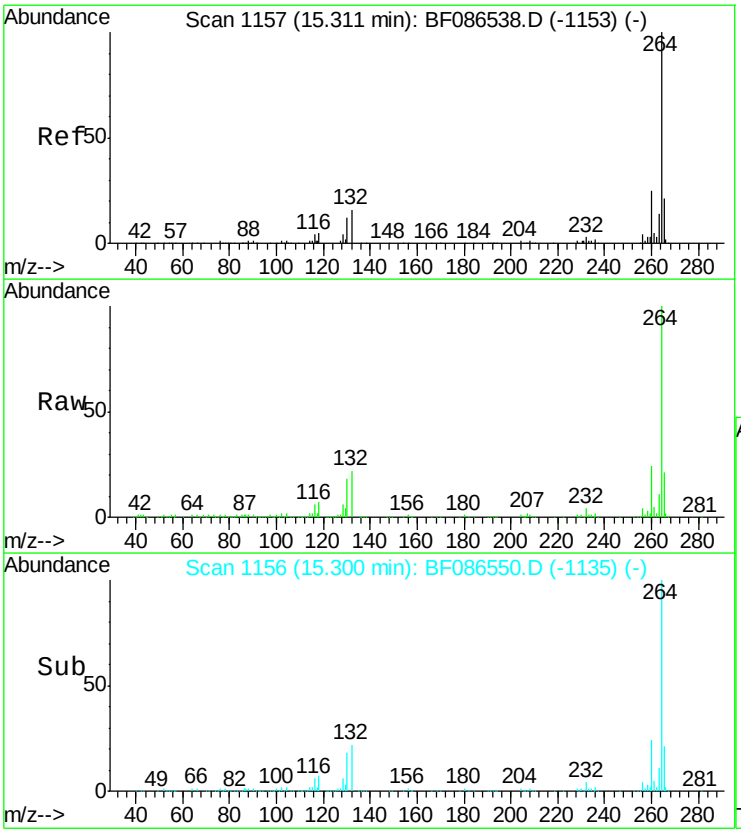
#78
Terphenyl-d14
Concen: 82.41 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:244 Resp: 1381435

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	15.9	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:264 Resp: 285831

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9