Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086622.D
Acq On : 2 May 2016 17:26
Operator : UM/SJ
Sample : H2716-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-5-CS-1(0-6FTBGS)

Quant Time: May 03 01:17:12 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	167837	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	723805	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	355583	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	674388	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	595120	20.00	ng	-0.07
86) Perylene-d12	15.29	264	422849	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1388380	142.69	ng	-0.02
7) Phenol-d6	6.40	99	1654078	121.80	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1176448	87.61	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	495489	132.14	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1925118	97.77	ng	-0.06
78) Terphenyl-d14	12.87	244	2259734	83.65	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.91	79	20607	2.40	ng	# 42
19) n-Nitroso-di-n-propylamine	7.32	70	159665	17.79	ng	# 73
25) Isophorone	7.32	82	905686	35.04	ng	# 68
31) Naphthalene	8.06	128	473889	12.87	ng	99
32) Benzoic acid	8.06	122	895	8.89	ng	# 1
33) 4-Chloroaniline	8.06	127	59906	4.34	ng	# 36
50) 2,6-Dinitrotoluene	9.79	165	44615	8.07	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	44618	6.33	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	30169	4.34	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086622.D
Acq On : 2 May 2016 17:26
Operator : UM/SJ
Sample : H2716-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Quant Time: May 03 01:17:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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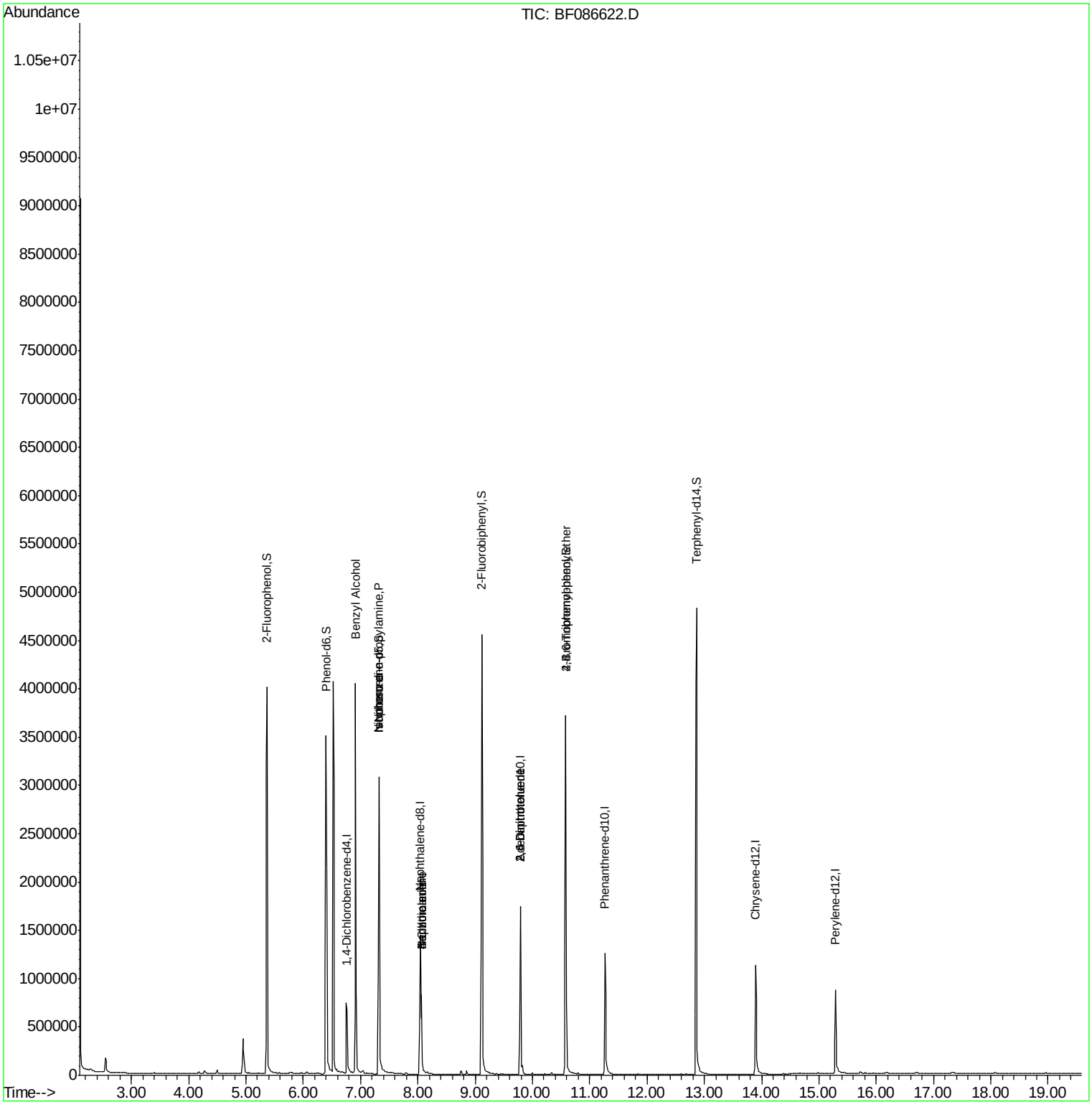
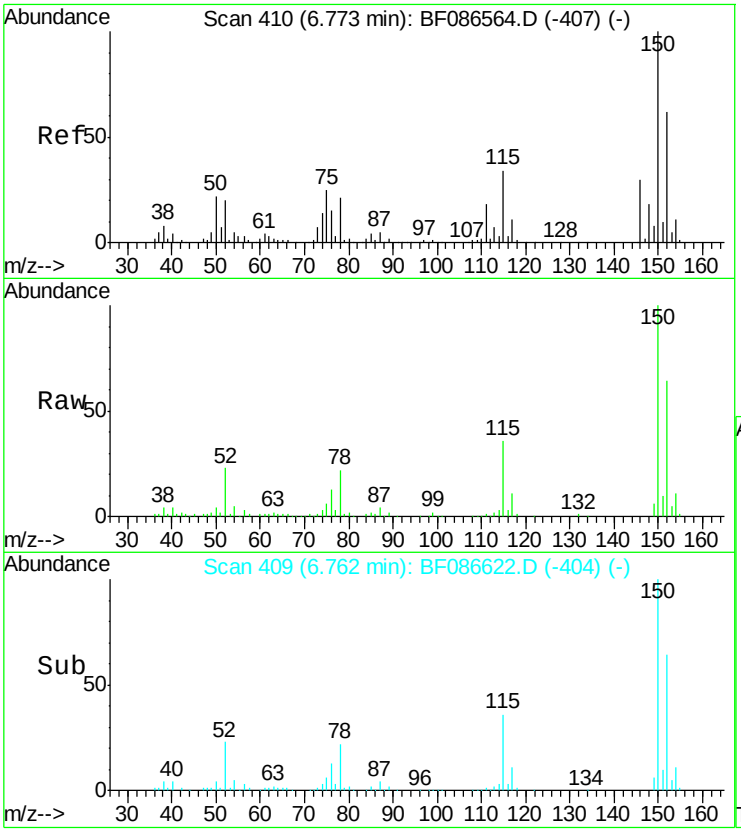
Response via : Initial Calibration



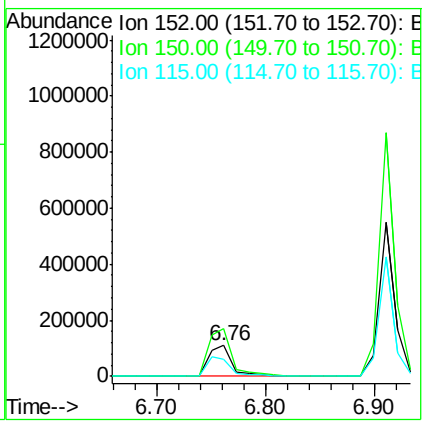


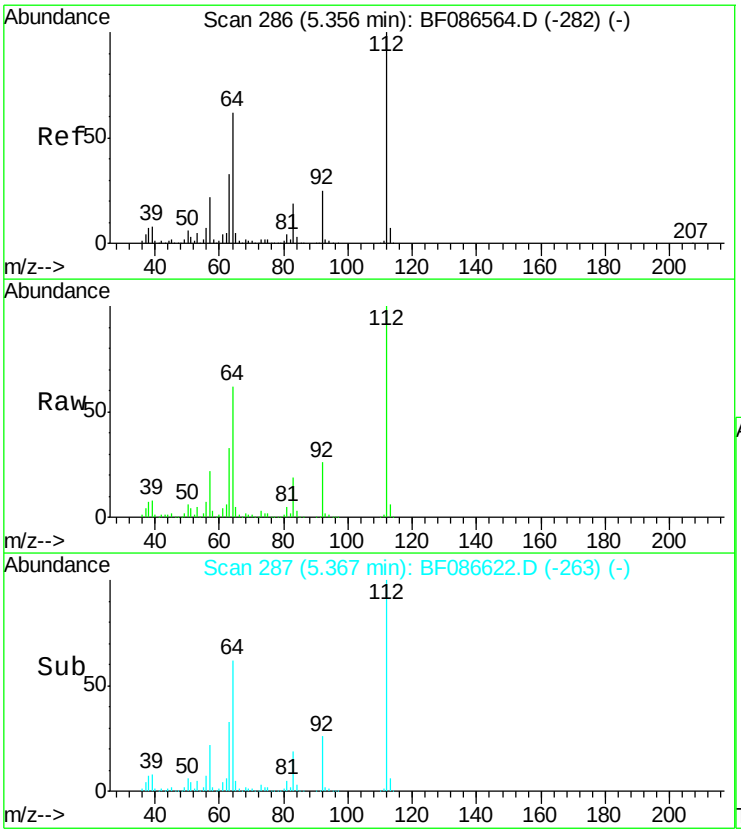
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:152 Resp: 167837

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.6
115	56.7	51.5	77.3

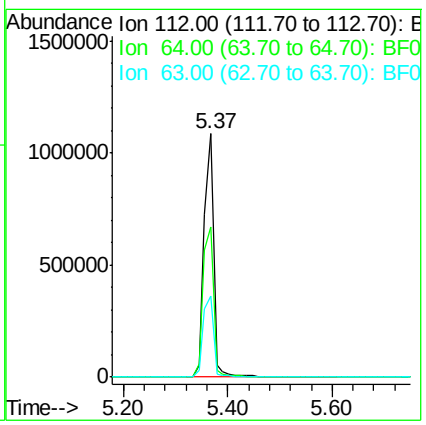


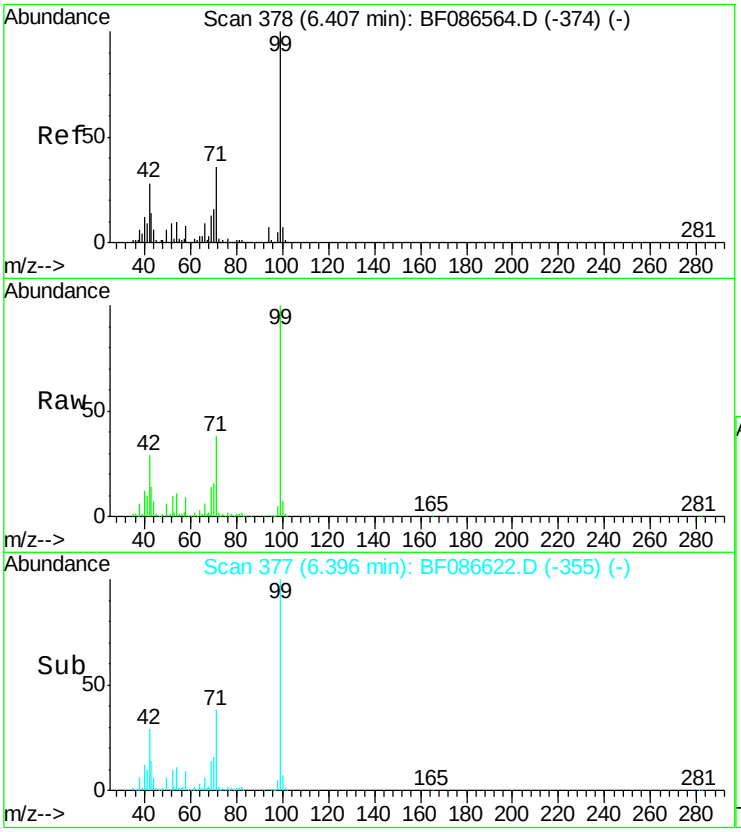


#5
2-Fluorophenol
Concen: 142.69 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:112 Resp: 1388380

Ion	Ratio	Lower	Upper
112	100		
64	61.6	52.1	78.1
63	33.4	25.7	38.5



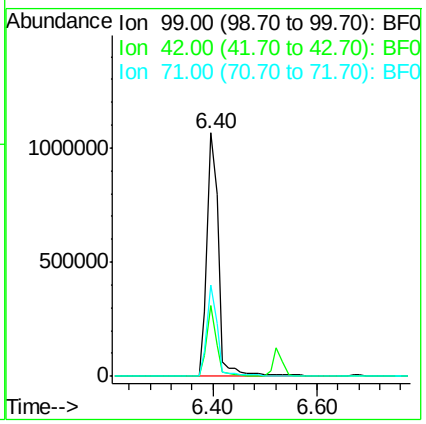


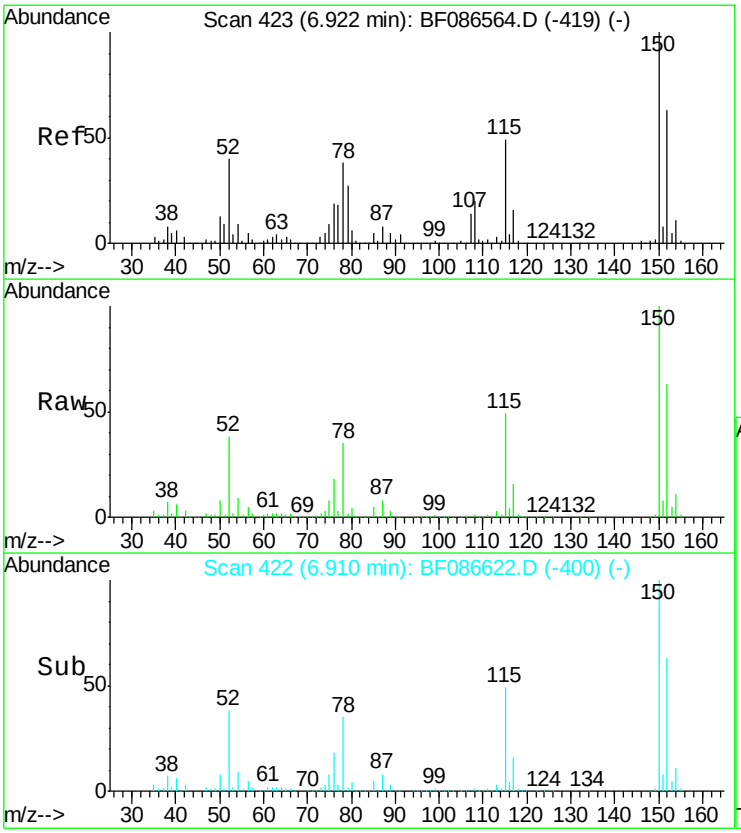
#7
Phenol-d6
Concen: 121.80 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion: 99 Resp: 1654078

Ion	Ratio	Lower	Upper
99	100		
42	28.9	13.6	20.4#
71	37.7	24.6	36.8#

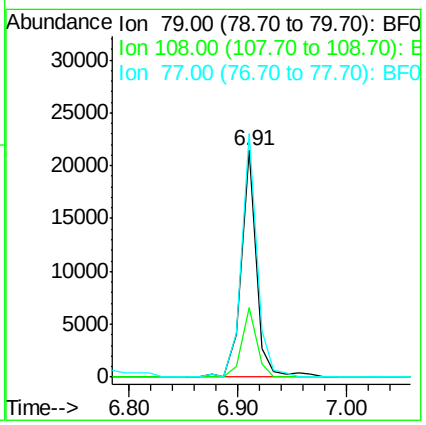


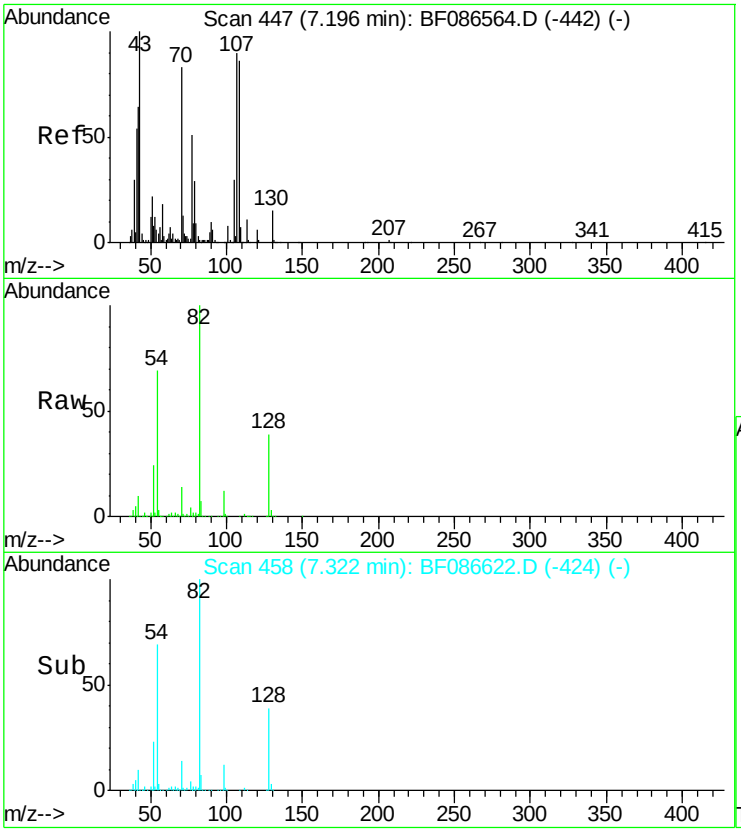


#15
Benzyl Alcohol
Concen: 2.40 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion: 79 Resp: 20607

Ion	Ratio	Lower	Upper
79	100		
108	30.9	68.4	102.6#
77	107.5	50.6	76.0#



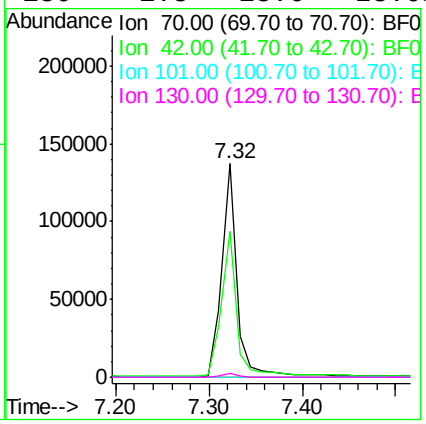


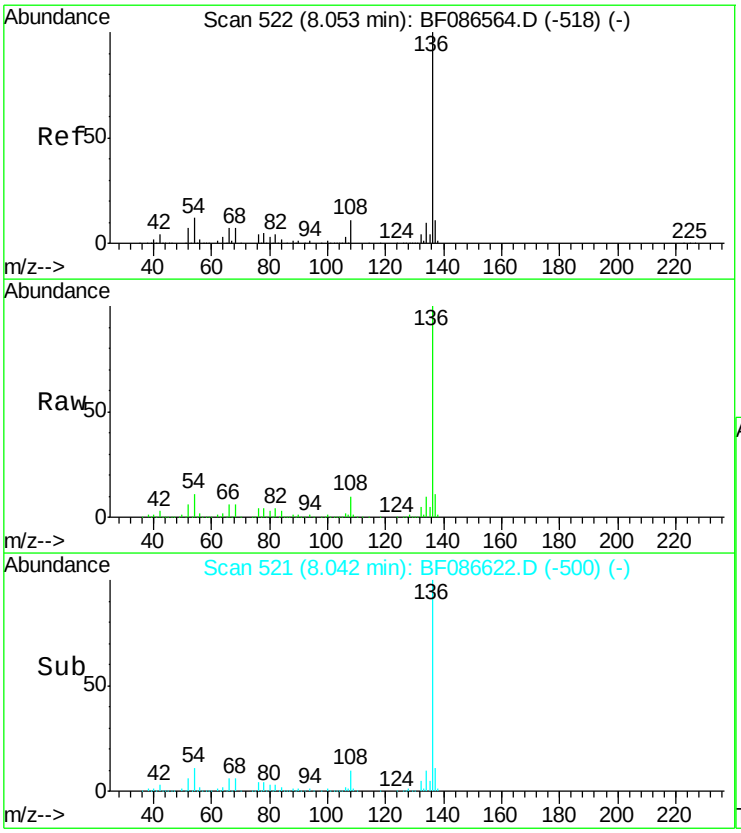
#19
n-Nitroso-di-n-propylamine
Concen: 17.79 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion: 70 Resp: 159665

Ion	Ratio	Lower	Upper
70	100		
42	68.1	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

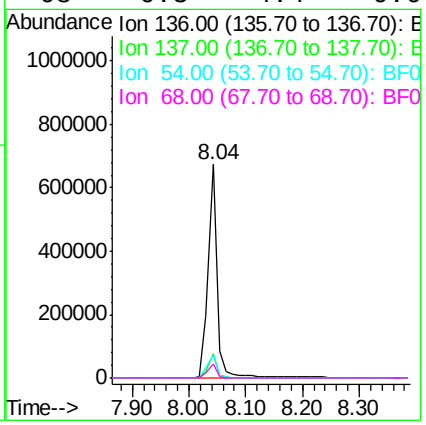


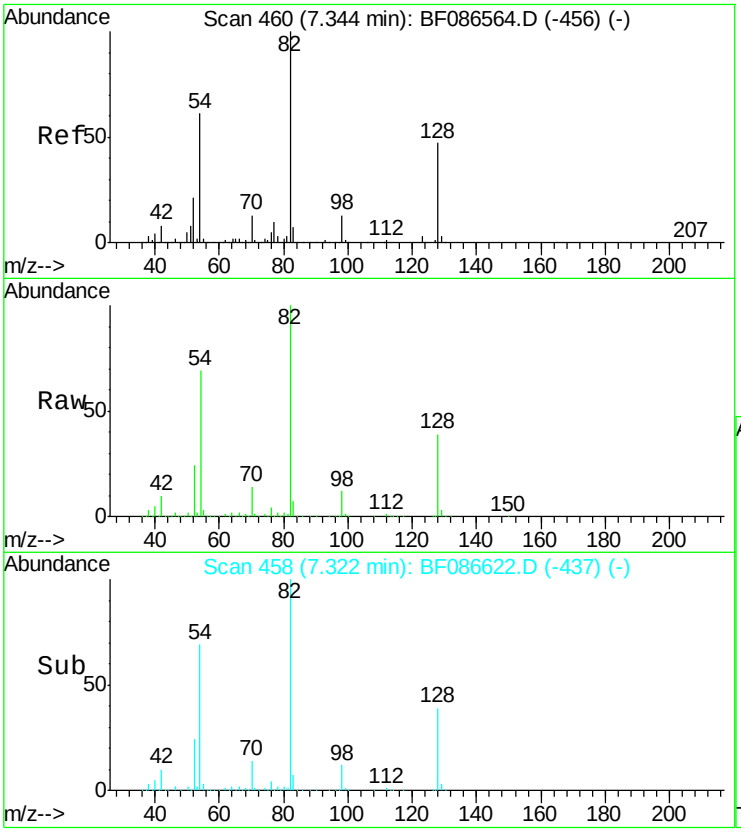


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:136 Resp: 723805

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.8	5.0	7.4#
68	6.3	4.4	6.6



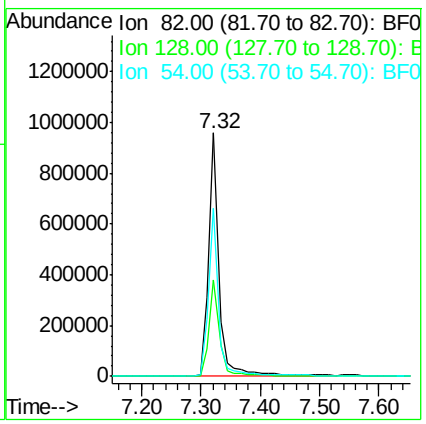


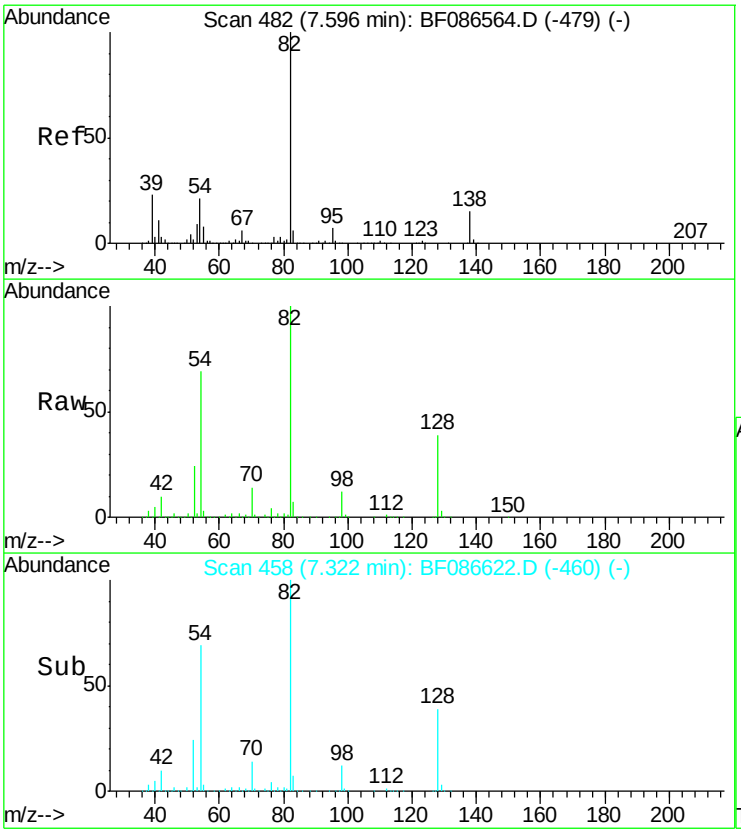
#23
Nitrobenzene-d5
Concen: 87.61 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion: 82 Resp: 1176448

Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	68.9	38.1	57.1#

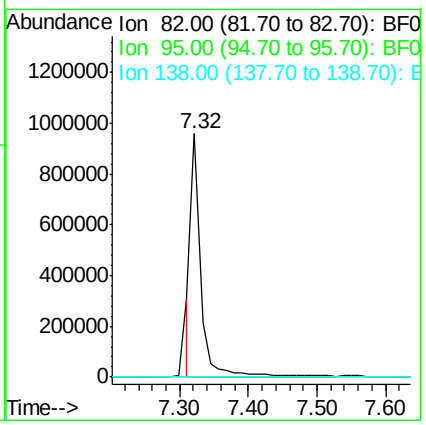


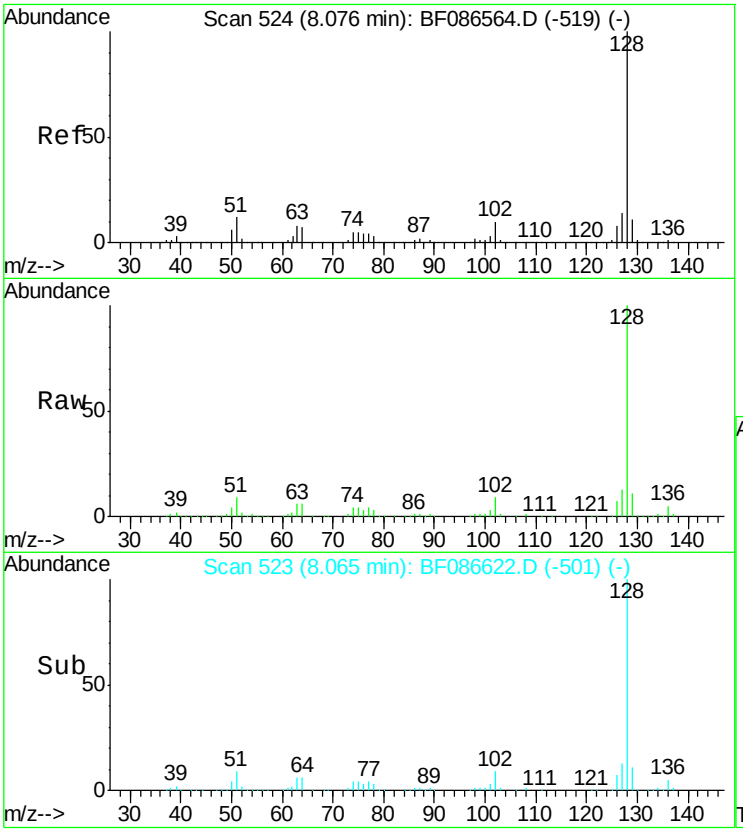


#25
Isophorone
Concen: 35.04 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion: 82 Resp: 905686

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



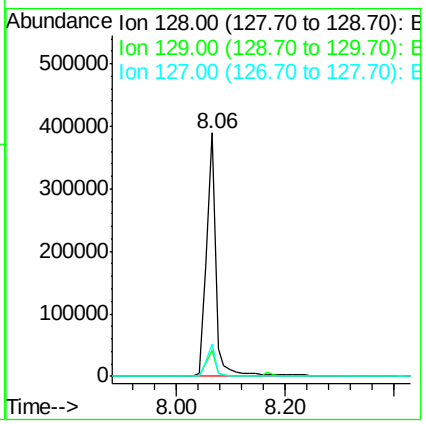


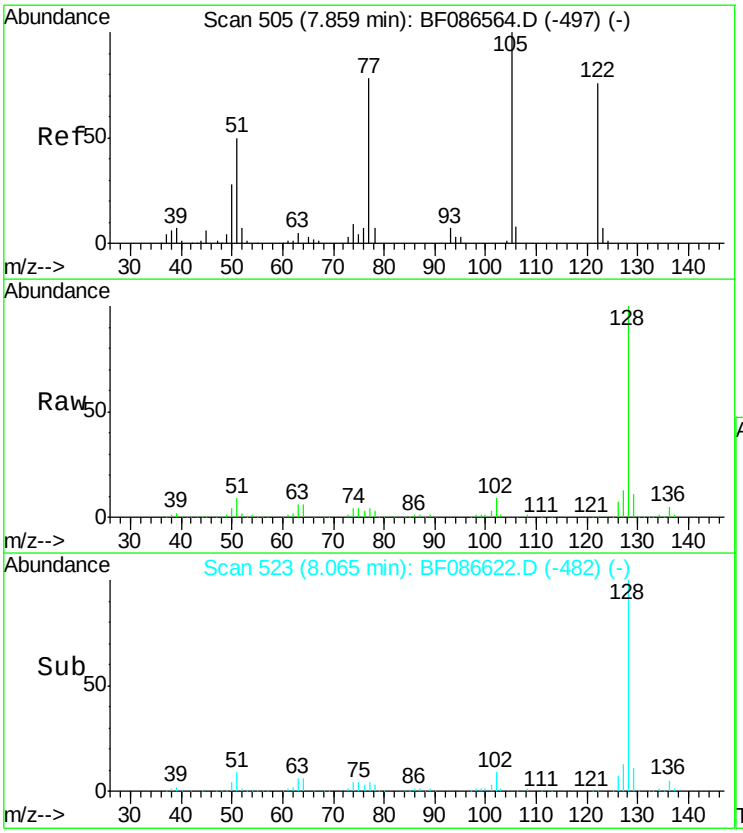
#31
Naphthalene
Concen: 12.87 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:128 Resp: 473889

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.1	10.8	16.2

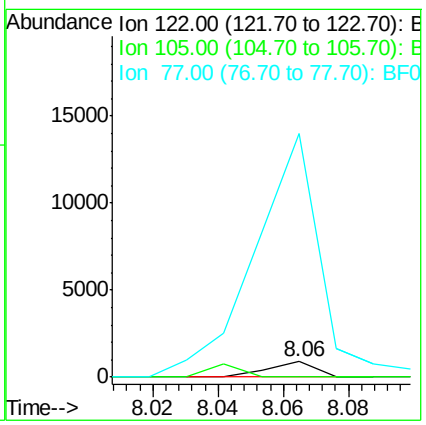


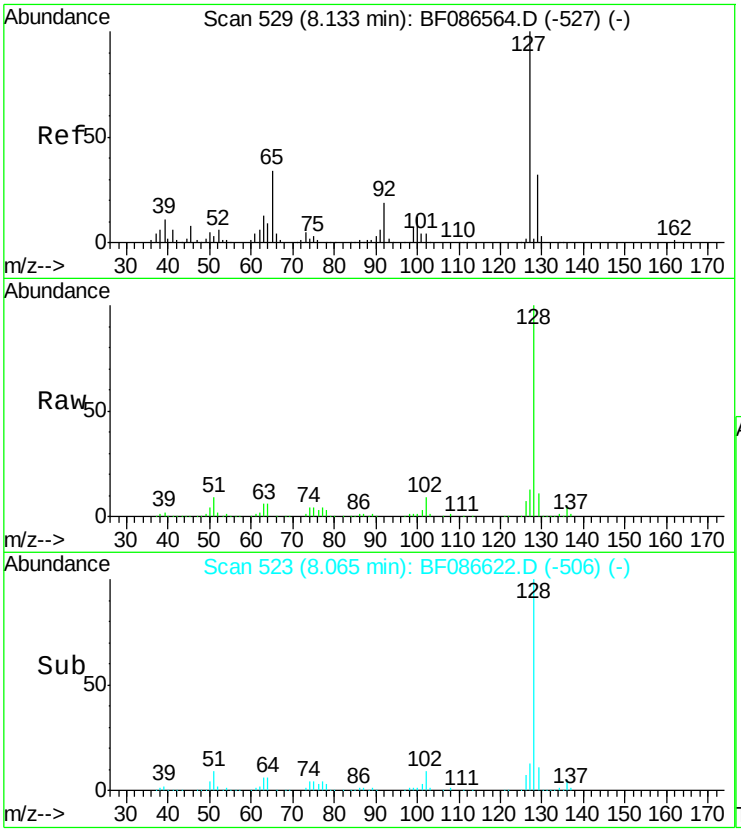


#32
Benzoic acid
Concen: 8.89 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.17 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:122 Resp: 895

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	1584.0	60.0	100.0#



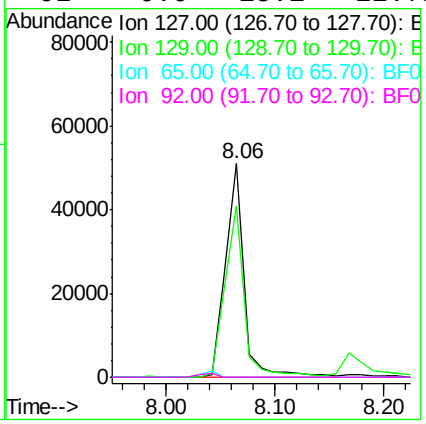


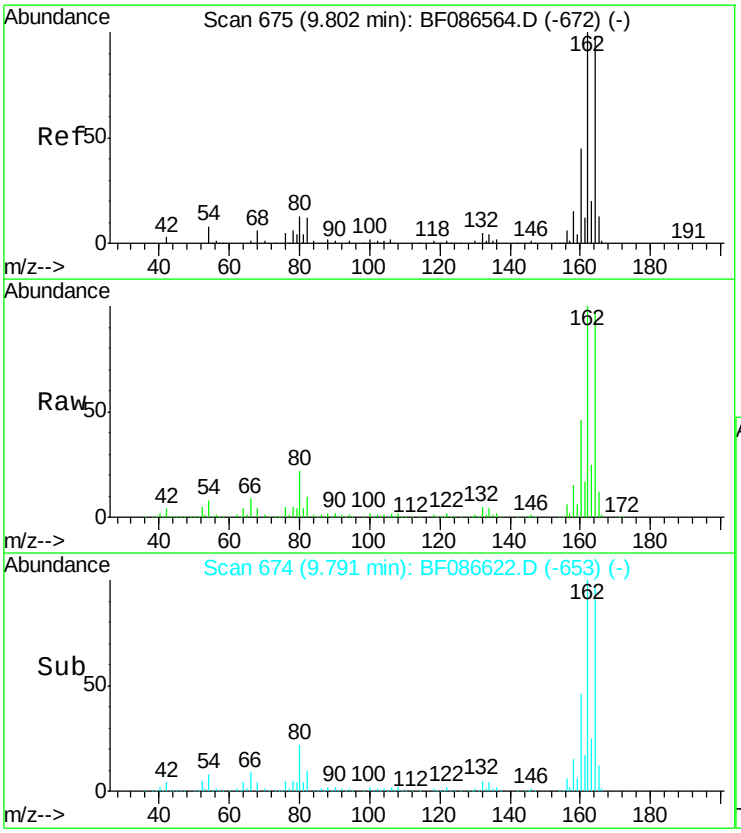
#33
4-Chloroaniline
Concen: 4.34 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:127 Resp: 59906

Ion	Ratio	Lower	Upper
127	100		
129	80.6	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#

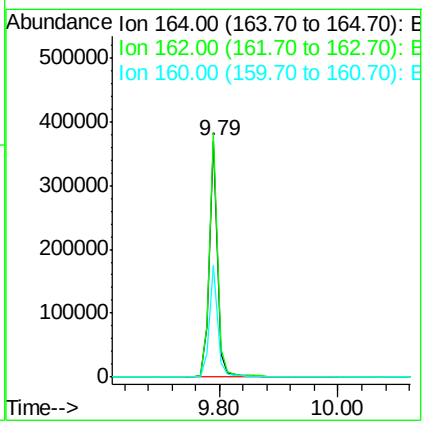


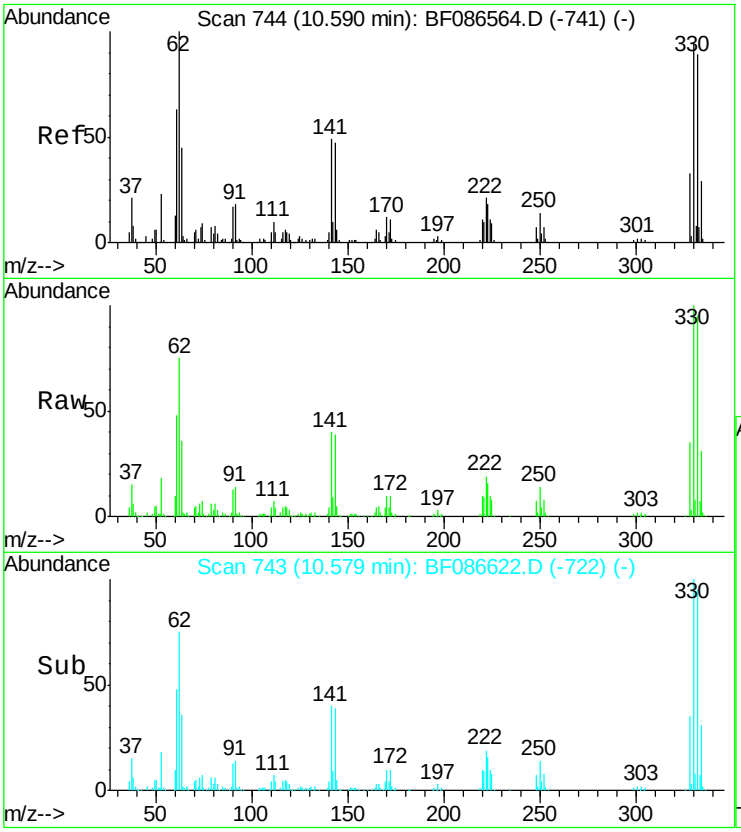


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:164 Resp: 355583

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	47.2	36.9	55.3



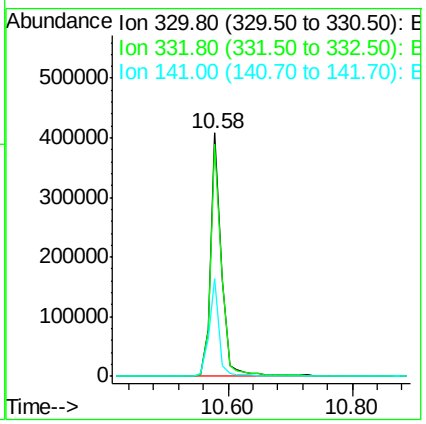


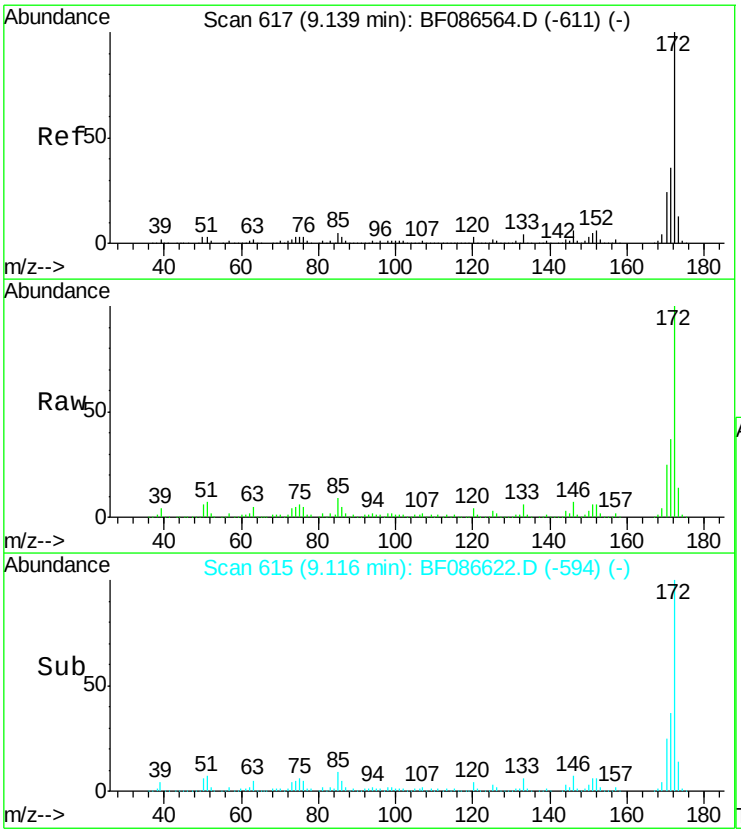
#41
2,4,6-Tribromophenol
Concen: 132.14 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:330 Resp: 495489

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	37.3	31.2	46.8

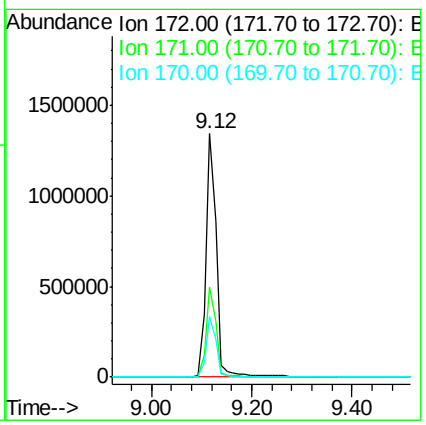


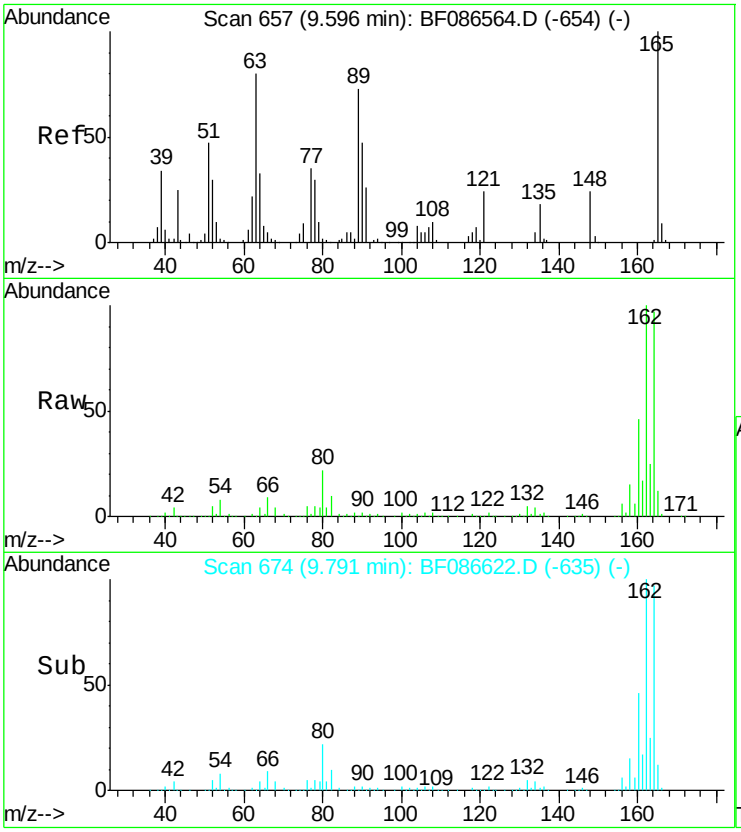


#44
2-Fluorobiphenyl
Concen: 97.77 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:172 Resp: 1925118

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.9	19.8	29.8



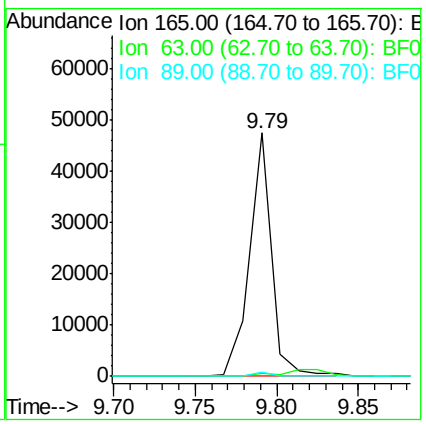


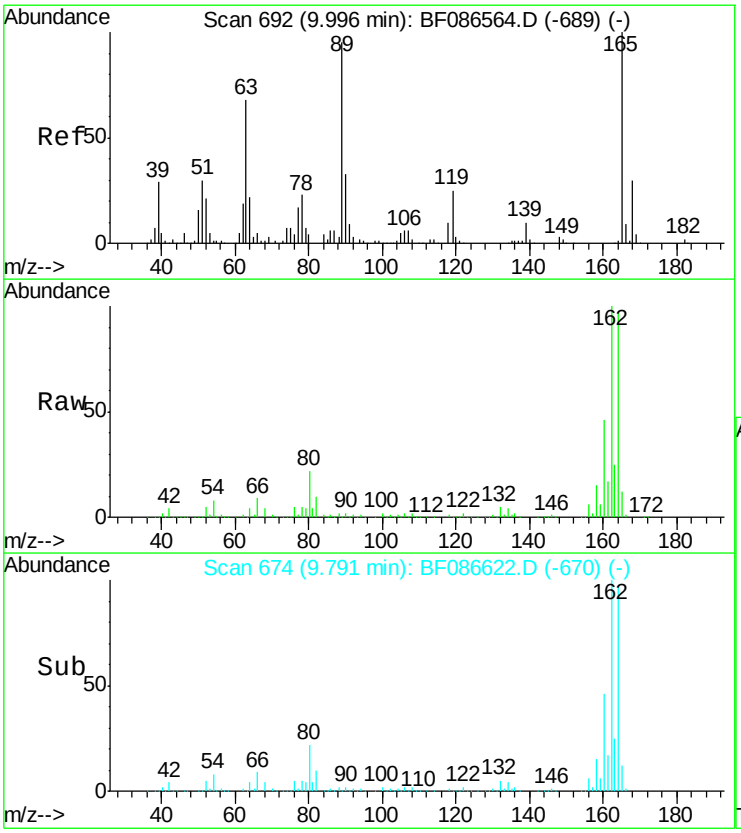
#50
2,6-Dinitrotoluene
Concen: 8.07 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.15 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:165 Resp: 44615

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	1.7	50.7	76.1#

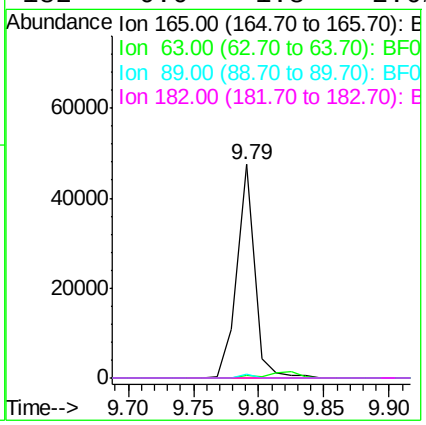


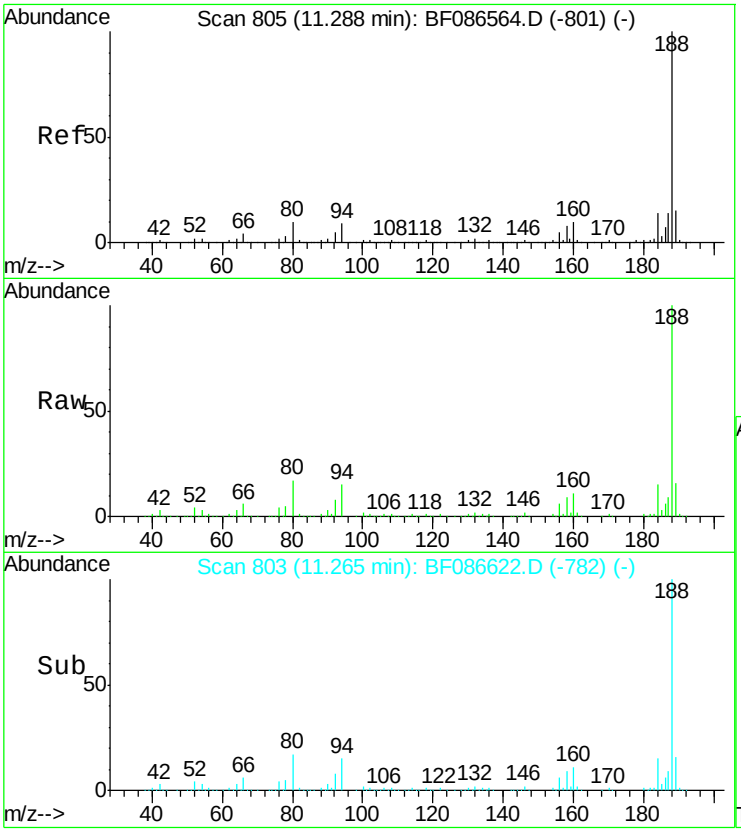


#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:165 Resp: 44618

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#



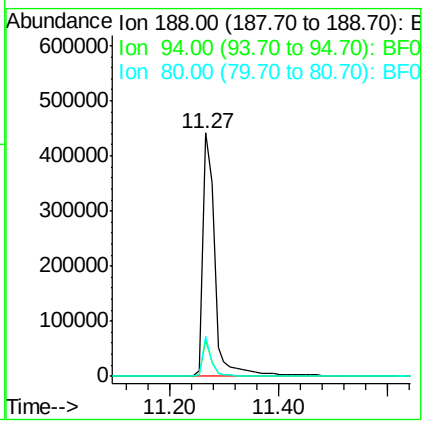


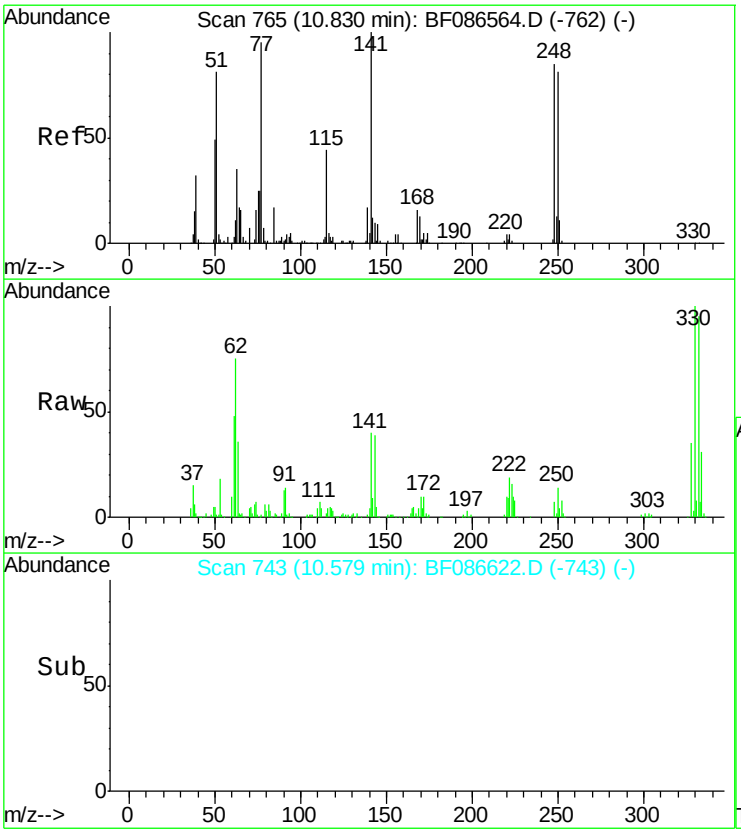
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:188 Resp: 674388

Ion	Ratio	Lower	Upper
188	100		
94	14.9	6.8	10.2#
80	16.6	7.1	10.7#

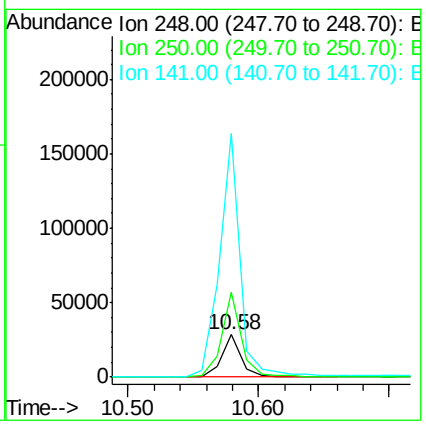


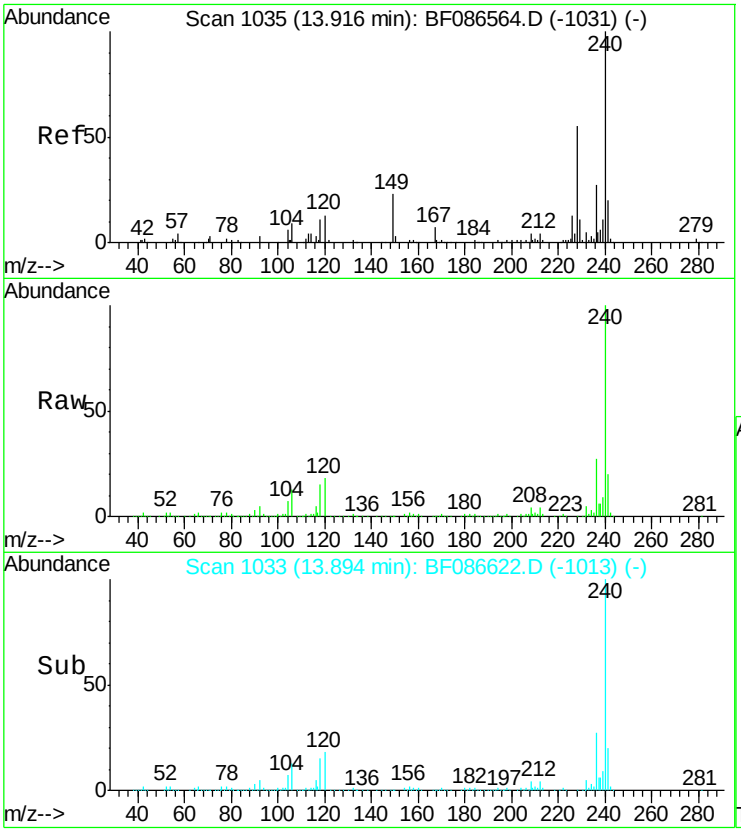


#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:248 Resp: 30169

Ion	Ratio	Lower	Upper
248	100		
250	199.8	78.6	117.8#
141	575.9	76.0	114.0#



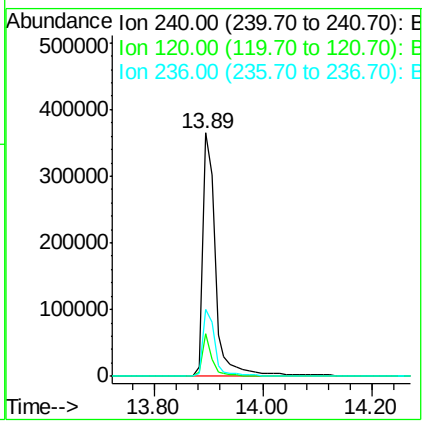


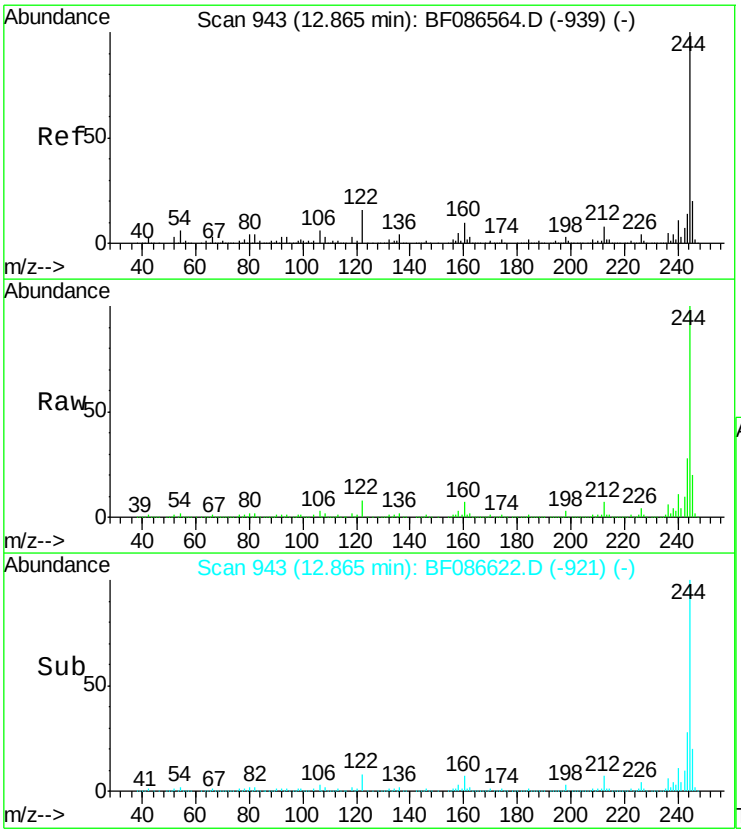
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:240 Resp: 595120

Ion	Ratio	Lower	Upper
240	100		
120	17.7	11.2	16.8#
236	27.3	21.2	31.8

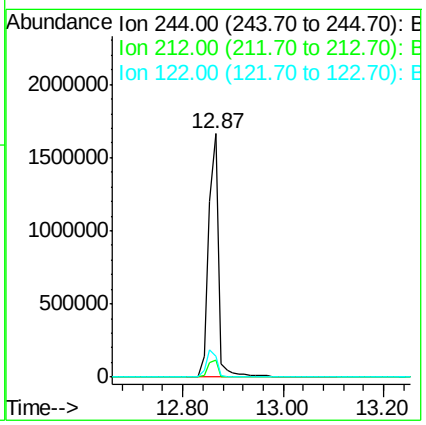


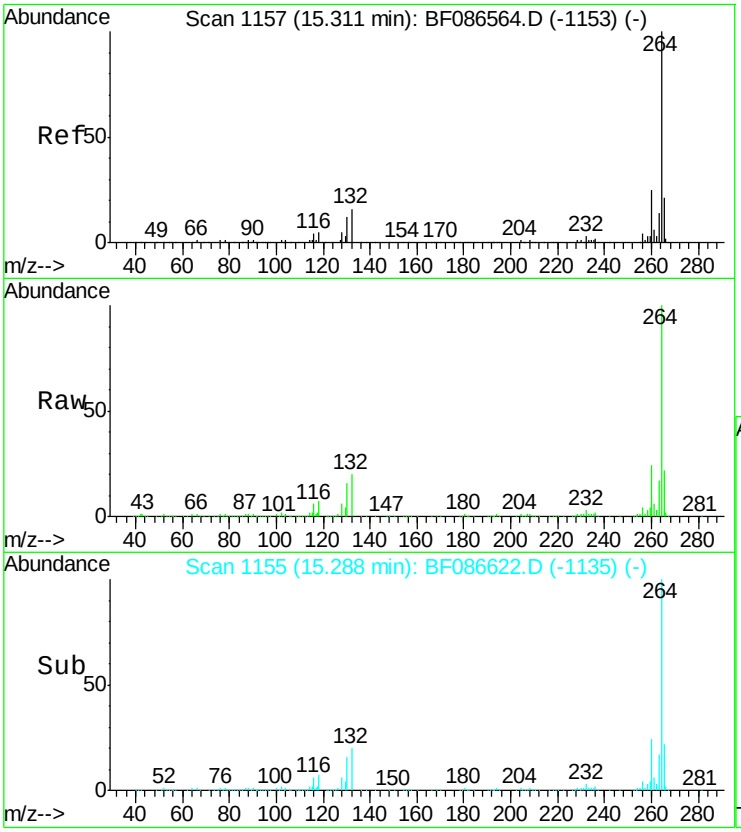


#78
Terphenyl-d14
Concen: 83.65 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:244 Resp: 2259734

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.4	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tgt Ion:264 Resp: 422849

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.8	17.3	25.9