Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
Sample : H3303-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3GW

Quant Time: May 31 00:37:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	97715	20.00	ng		-0.05
21) Naphthalene-d8	9.51	136	388849	20.00	ng		-0.05
38) Acenaphthene-d10	12.33	164	177715	20.00	ng		-0.06
63) Phenanthrene-d10	14.74	188	314340	20.00	ng		-0.03
75) Chrysene-d12	18.46	240	221474	20.00	ng		-0.02
86) Perylene-d12	20.14	264	182716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	454523	81.73	ng		-0.05
7) Phenol-d6	7.03	99	432155	57.51	ng		-0.05
23) Nitrobenzene-d5	8.39	82	665103	86.20	ng		-0.06
41) 2,4,6-Tribromophenol	13.63	330	242829	142.19	ng		-0.05
44) 2-Fluorobiphenyl	11.28	172	1123230	89.10	ng		-0.06
78) Terphenyl-d14	17.09	244	904648	86.84	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.78	77	11232	2.71	ng	#	1
15) Benzyl Alcohol	7.70	79	13398	2.45	ng	#	47
18) Hexachloroethane	8.24	117	9397	3.24	ng	#	1
22) Acetophenone	8.24	105	20236	2.18	ng	#	54
24) Nitrobenzene	8.34	77	28450	3.49	ng	#	25
31) Naphthalene	9.54	128	1800995	92.43	ng		99
32) Benzoic acid	9.37	122	8058	8.20	ng	#	13
33) 4-Chloroaniline	9.54	127	259969	36.22	ng	#	38
35) Caprolactam	10.30	113	26308	17.31	ng	#	1
36) 4-Chloro-3-methylphenol	10.56	107	20261	3.44	ng	#	38
37) 2-Methylnaphthalene	10.68	142	2502206	205.56	ng		96
45) 1,1'-Biphenyl	11.44	154	177280	11.85	ng		99
49) Dimethylphthalate	11.99	163	52319	3.68	ng	#	88
51) Acenaphthene	12.39	154	66789	6.00	ng		96
53) 2,4-Dinitrophenol	12.62	184	1135	7.26	ng	#	1
54) Dibenzofuran	12.69	168	96933	6.43	ng	#	84
55) 4-Nitrophenol	12.69	139	60954	43.40	ng	#	35
56) 2,4-Dinitrotoluene	12.70	165	20608	5.38	ng	#	37
57) Fluorene	13.23	166	104826	8.02	ng	#	92
65) n-Nitrosodiphenylamine	13.53	169	84390	8.30	ng	#	43
69) Pentachlorophenol	14.22	266	206	6.35	ng	#	17
70) Phenanthrene	14.78	178	179744	10.32	ng		97
71) Anthracene	14.78	178	179744	10.22	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087541.D
Acq On : 30 May 2016 7:58
Operator : UM/SJ
Sample : H3303-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3GW

Quant Time: May 31 00:37:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
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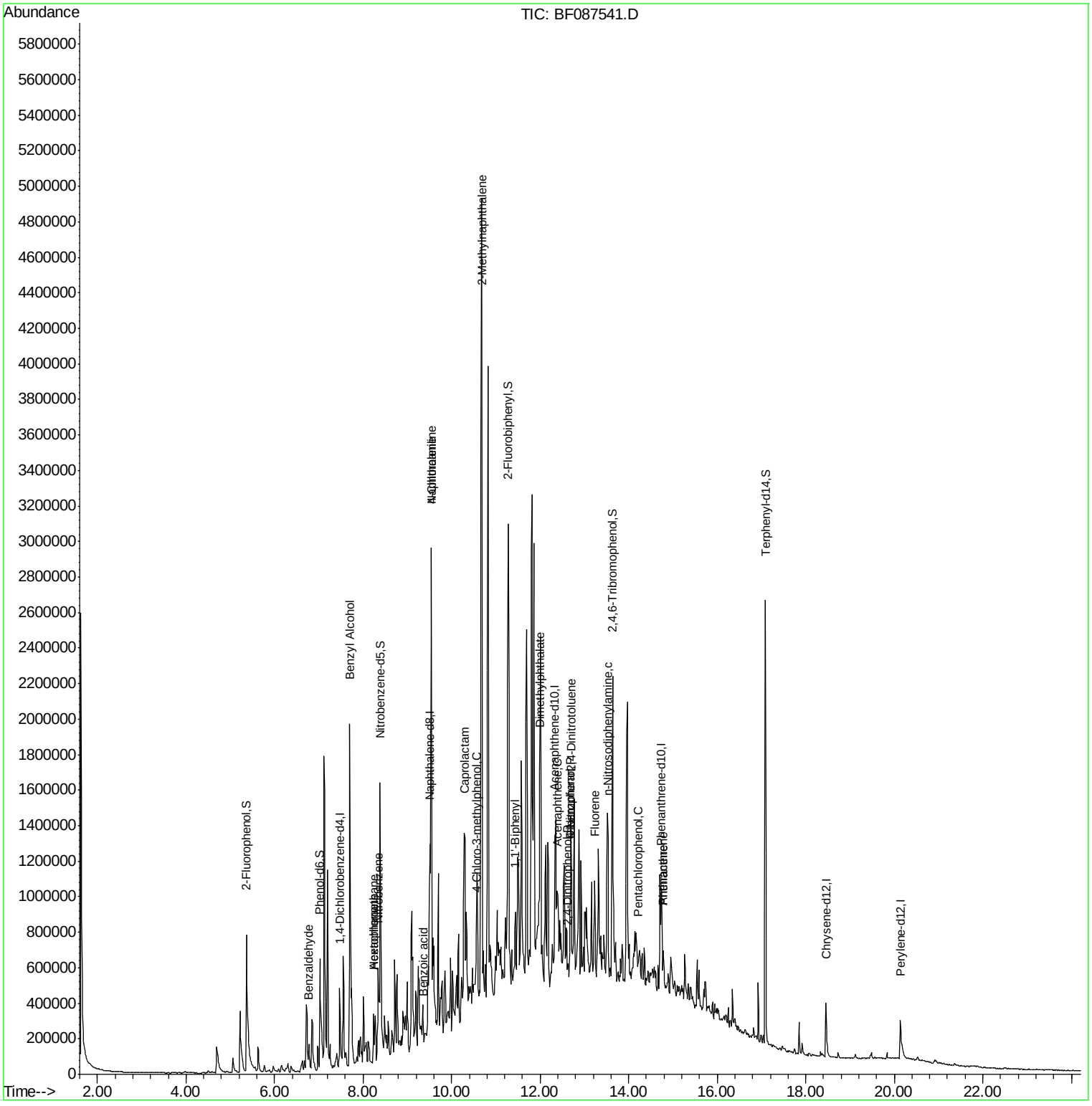
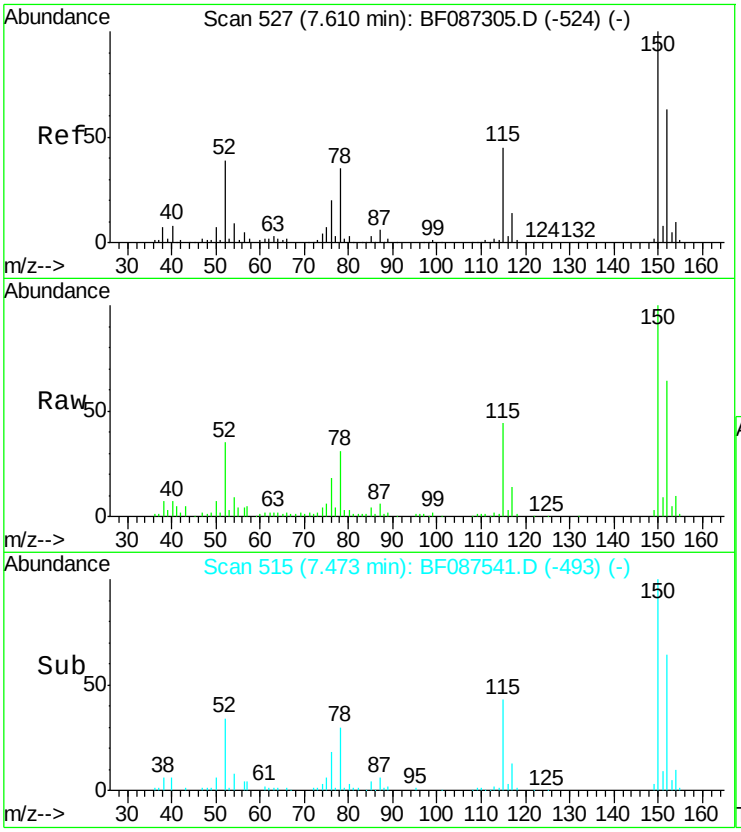


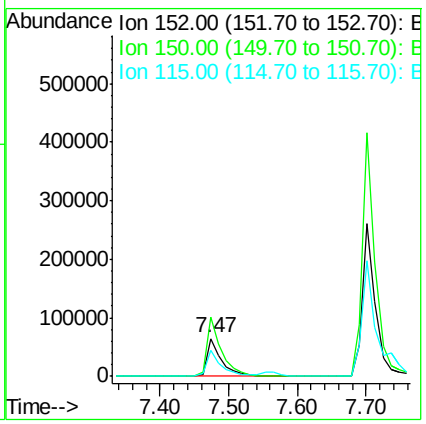


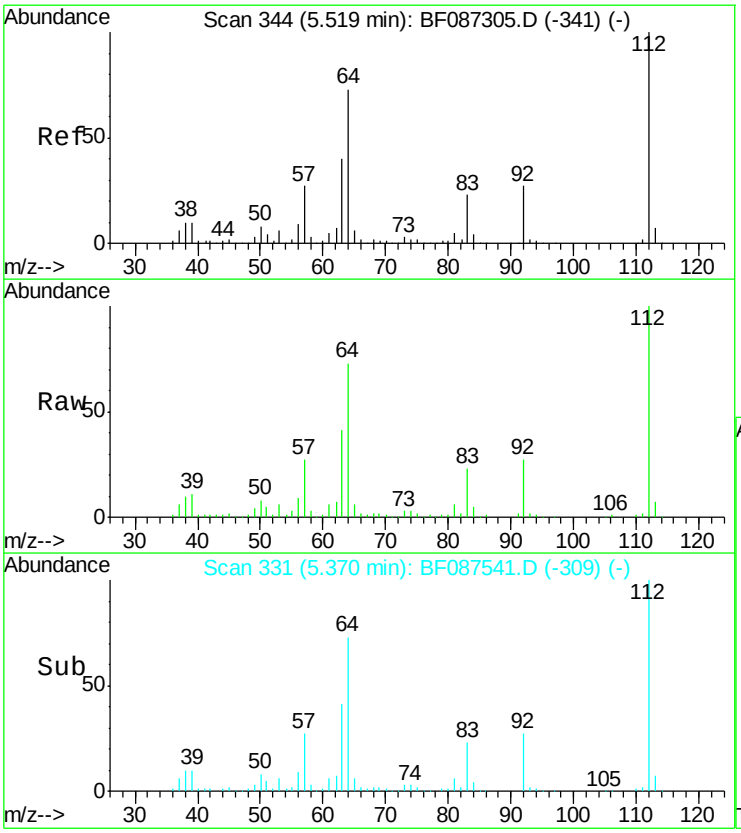
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:152 Resp: 97715

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.6
115	68.1	51.5	77.3

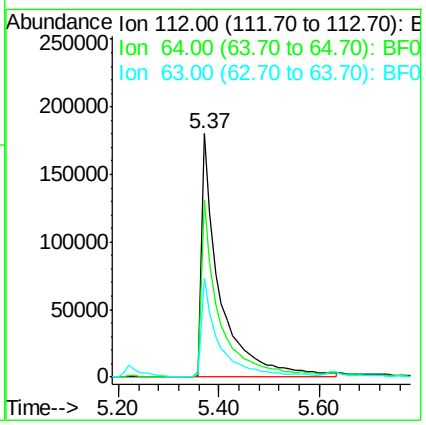


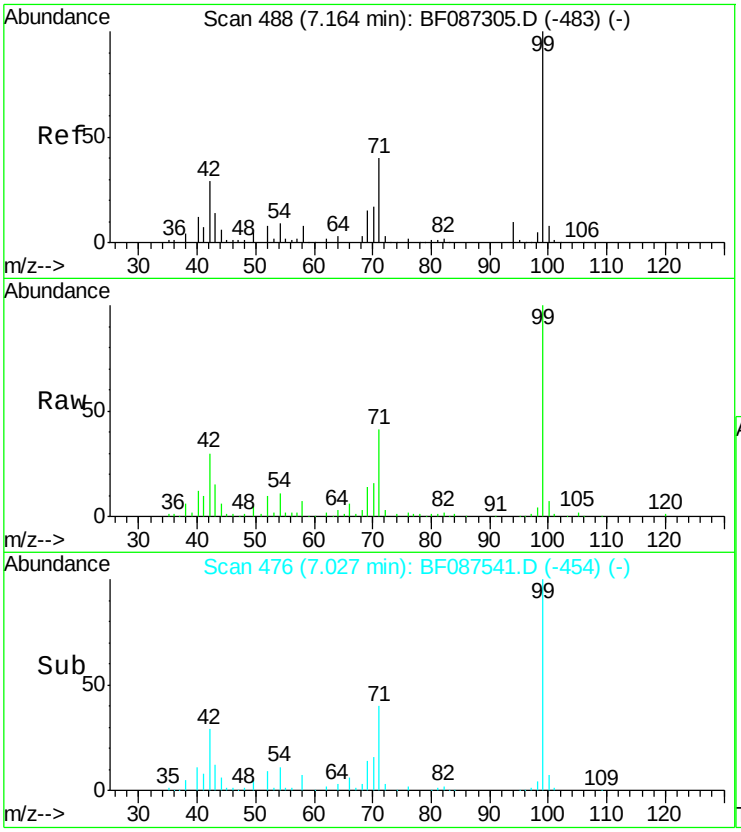


#5
2-Fluorophenol
Concen: 81.73 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:112 Resp: 454523

Ion	Ratio	Lower	Upper
112	100		
64	72.7	52.1	78.1
63	40.8	25.7	38.5#



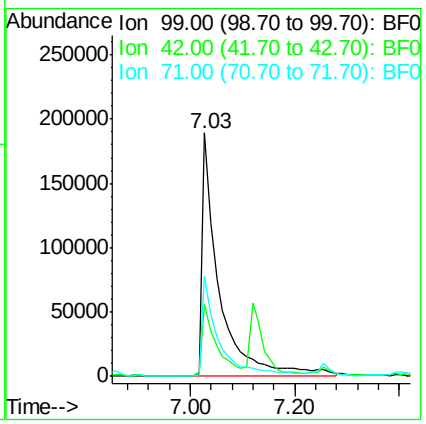


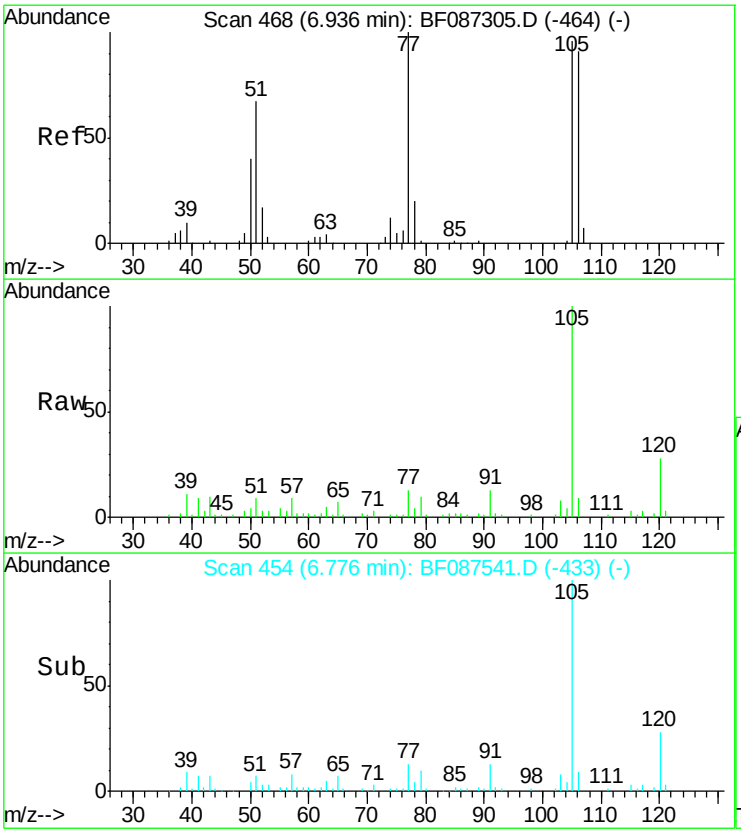
#7
Phenol-d6
Concen: 57.51 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion: 99 Resp: 432155

Ion	Ratio	Lower	Upper
99	100		
42	29.8	13.6	20.4#
71	41.1	24.6	36.8#

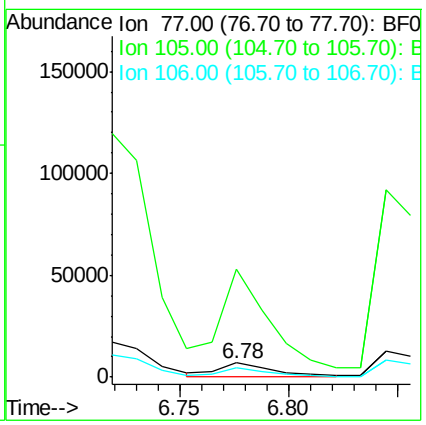


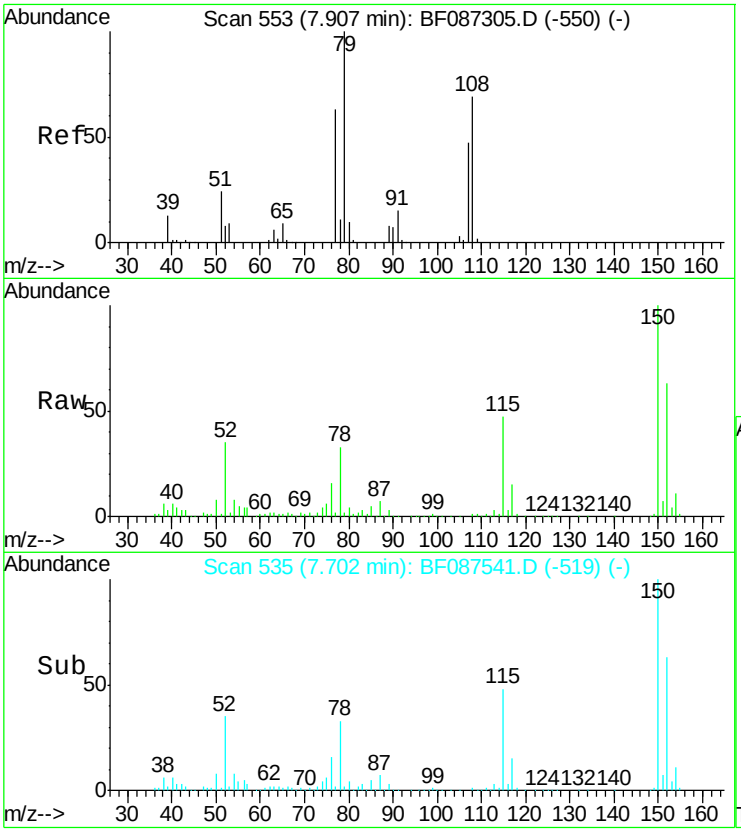


#9
Benzaldehyde
Concen: 2.71 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion: 77 Resp: 11232

Ion	Ratio	Lower	Upper
77	100		
105	755.2	72.7	112.7#
106	69.7	70.8	110.8#



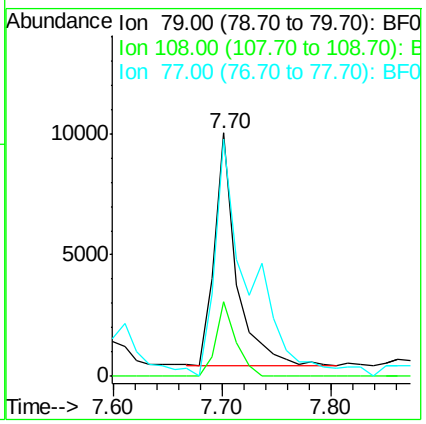


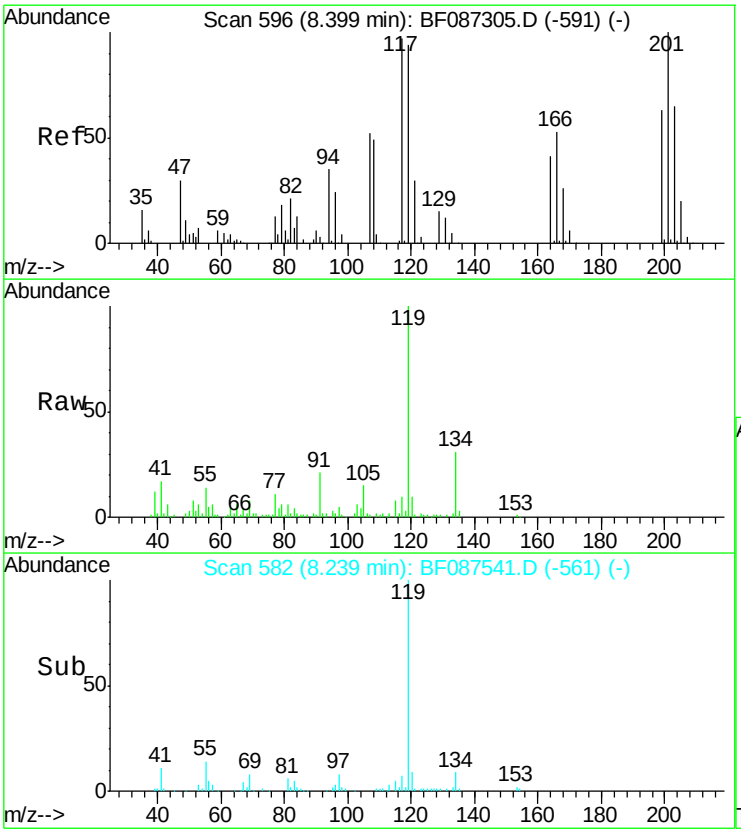
#15
Benzyl Alcohol
Concen: 2.45 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.11 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion: 79 Resp: 13398

Ion	Ratio	Lower	Upper
79	100		
108	30.8	68.4	102.6#
77	97.3	50.6	76.0#

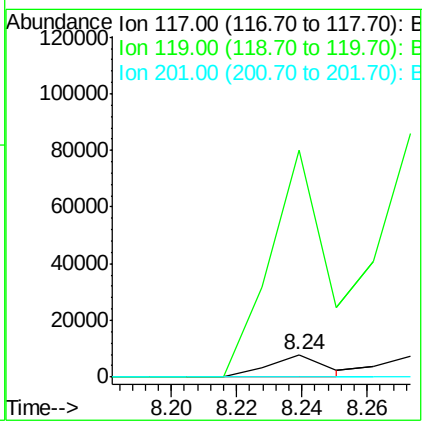


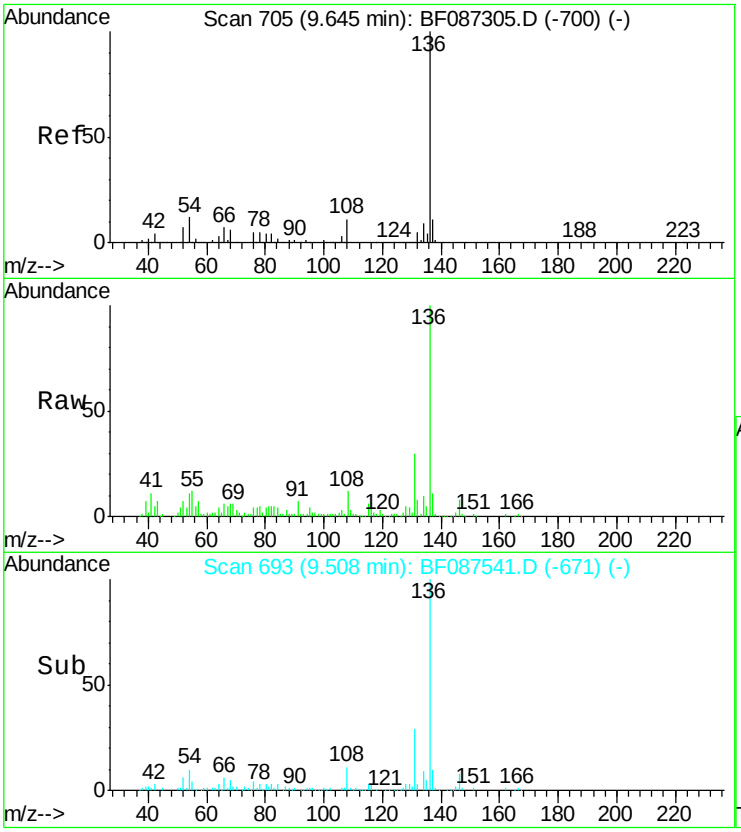


#18
Hexachloroethane
Concen: 3.24 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:117 Resp: 9397

Ion	Ratio	Lower	Upper
117	100		
119	1022.3	76.5	114.7#
201	0.0	63.0	94.6#



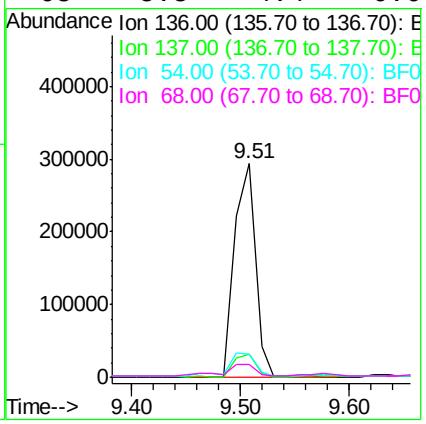


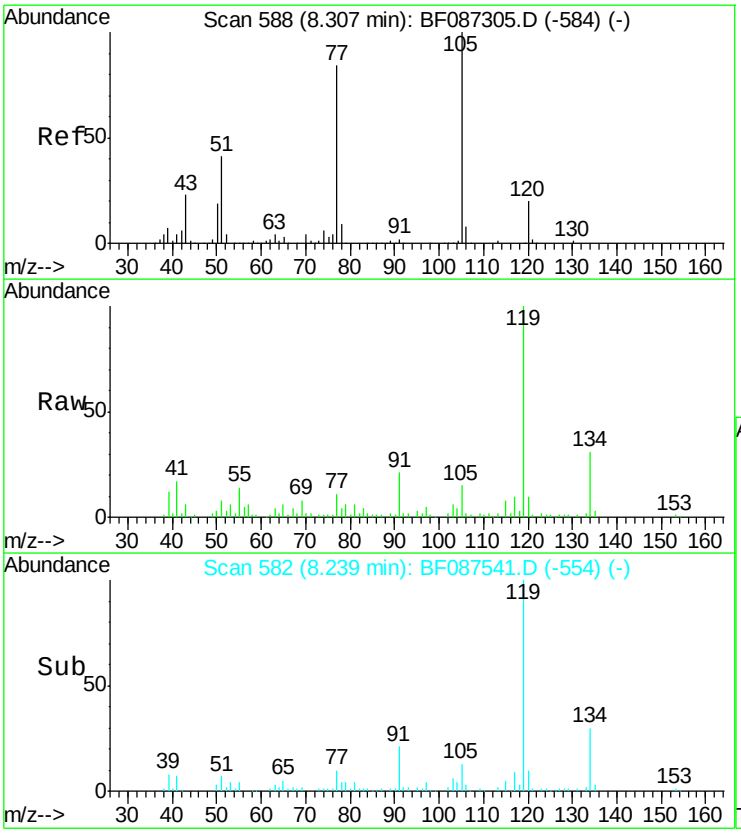
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:136 Resp: 388849

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.8	5.0	7.4#
68	5.8	4.4	6.6

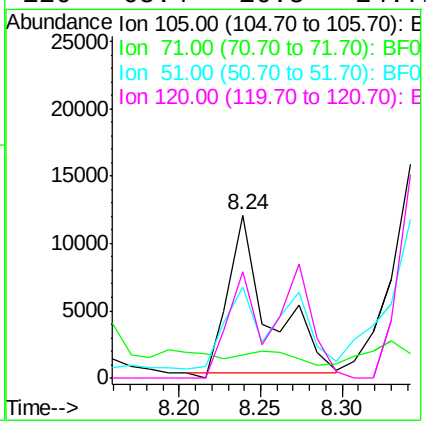


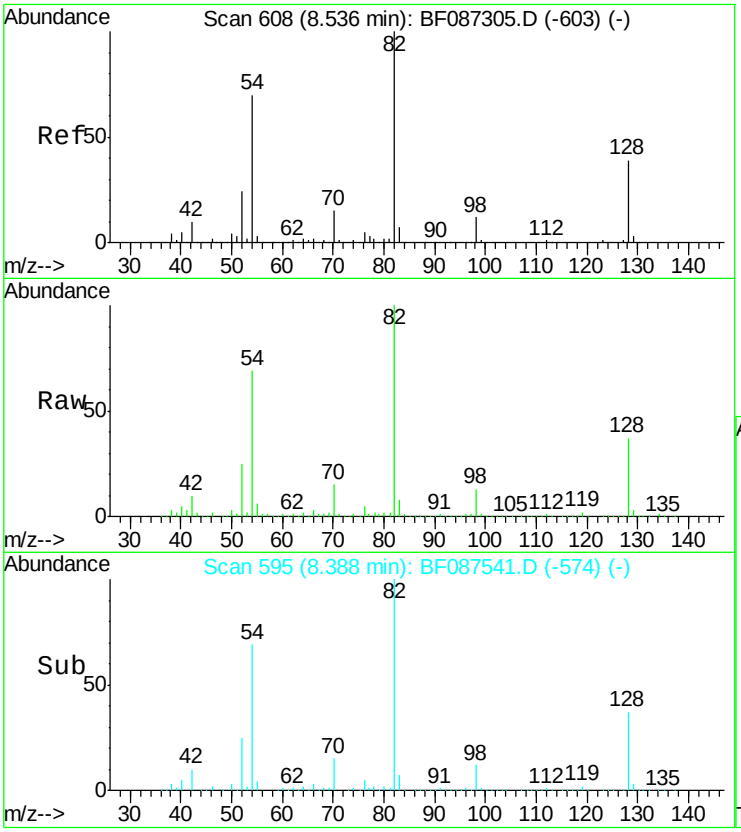


#22
Acetophenone
Concen: 2.18 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:105 Resp: 20236

Ion	Ratio	Lower	Upper
105	100		
71	14.0	4.8	7.2#
51	56.1	32.6	49.0#
120	65.4	16.5	24.7#



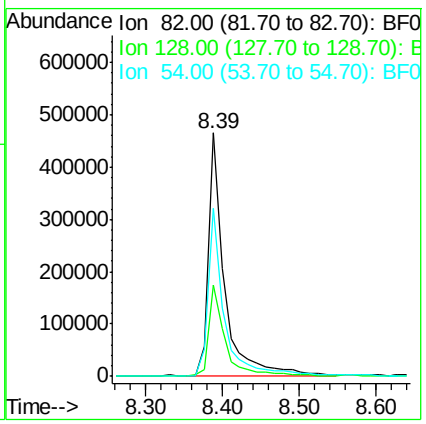


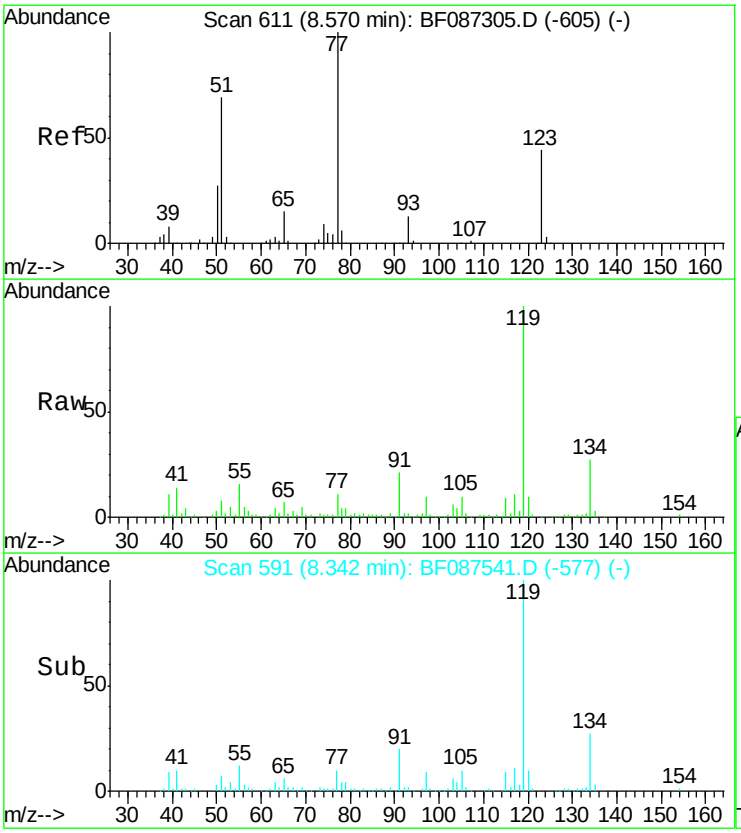
#23
Nitrobenzene-d5
Concen: 86.20 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion: 82 Resp: 665103

Ion	Ratio	Lower	Upper
82	100		
128	37.4	40.6	61.0#
54	69.2	38.1	57.1#

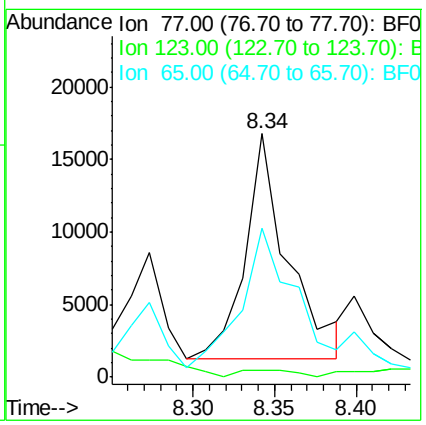


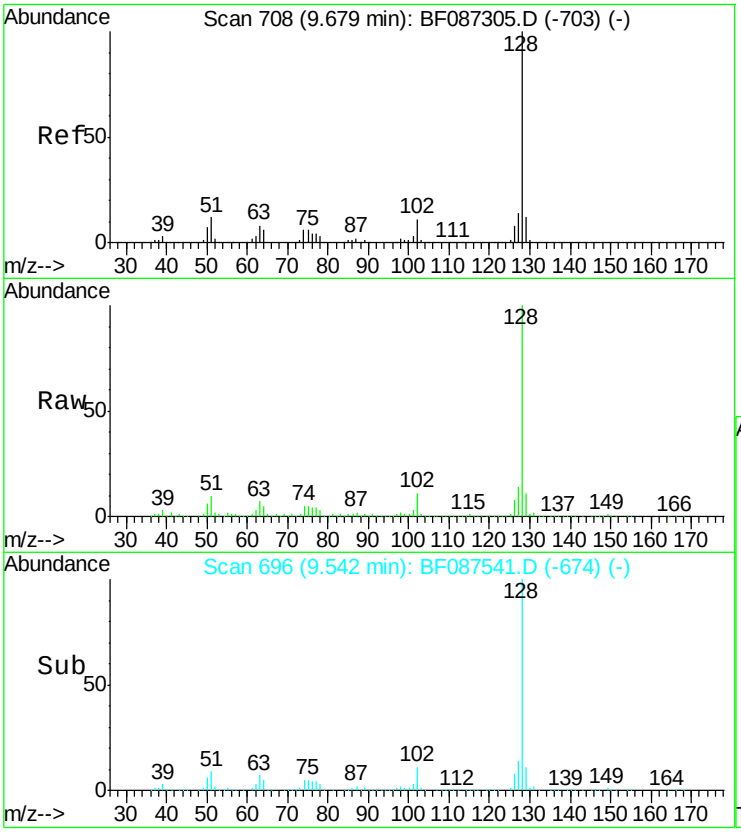


#24
Nitrobenzene
Concen: 3.49 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.14 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion: 77 Resp: 28450

Ion	Ratio	Lower	Upper
77	100		
123	2.7	33.0	49.4#
65	60.9	10.8	16.2#



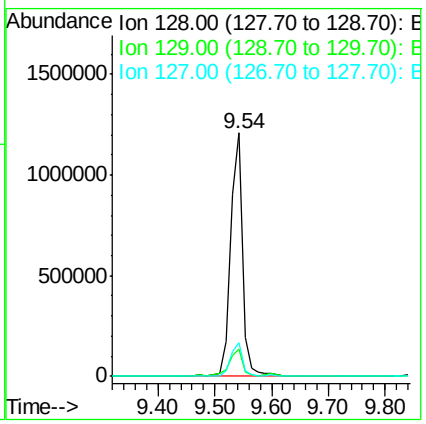


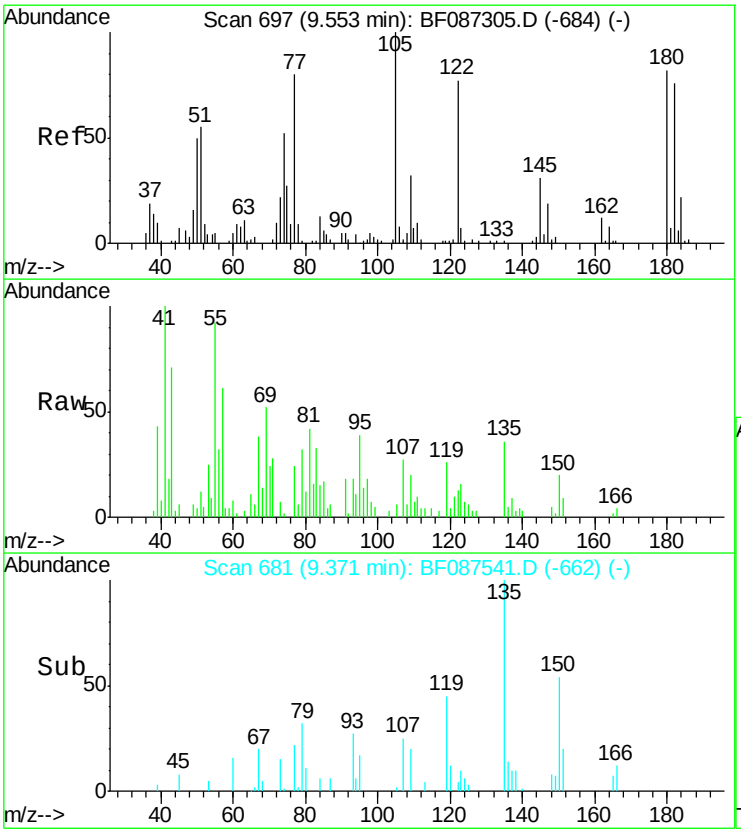
#31
Naphthalene
Concen: 92.43 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:128 Resp: 1800995

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.9	10.8	16.2

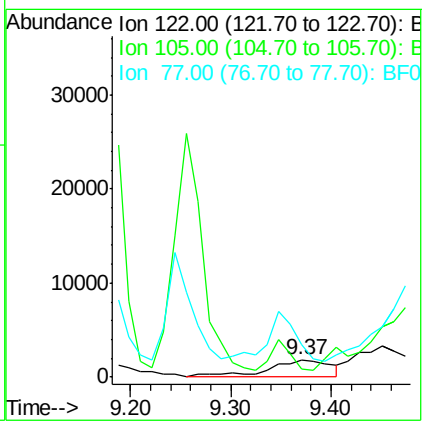


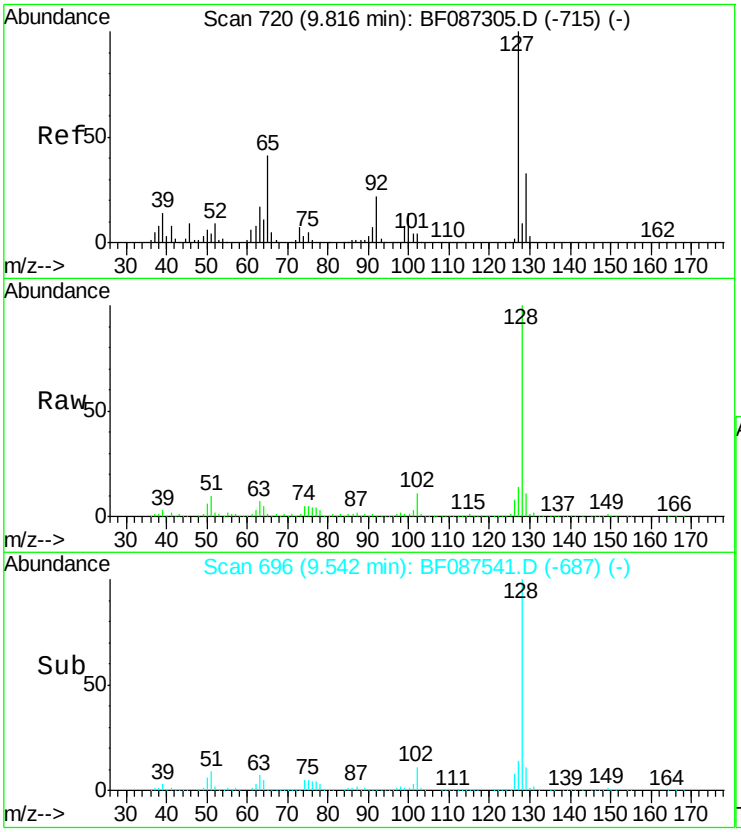


#32
Benzoic acid
Concen: 8.20 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:122 Resp: 8058

Ion	Ratio	Lower	Upper
122	100		
105	46.0	92.6	132.6#
77	187.0	60.0	100.0#



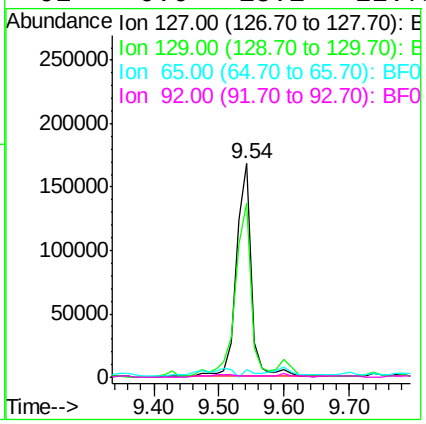


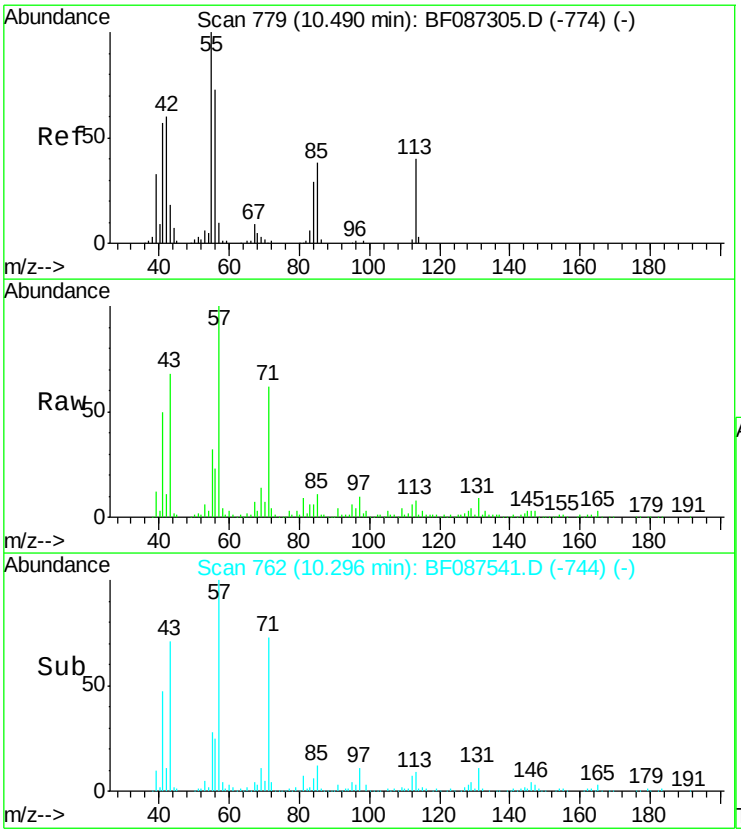
#33
4-Chloroaniline
Concen: 36.22 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.19 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:127 Resp: 259969

Ion	Ratio	Lower	Upper
127	100		
129	81.7	26.2	39.4#
65	3.8	23.0	34.4#
92	0.6	15.1	22.7#

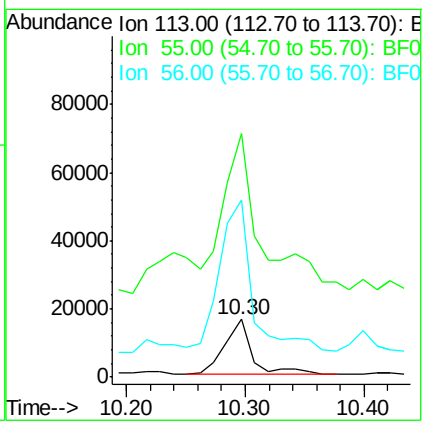


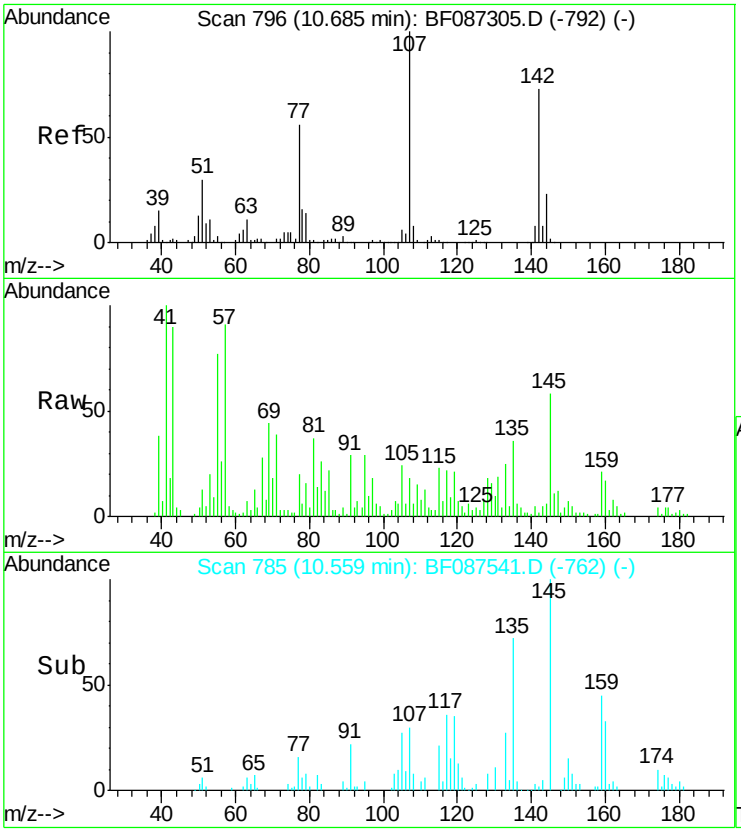


#35
Caprolactam
Concen: 17.31 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.09 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:113 Resp: 26308

Ion	Ratio	Lower	Upper
113	100		
55	420.3	162.0	202.0#
56	306.3	115.3	155.3#



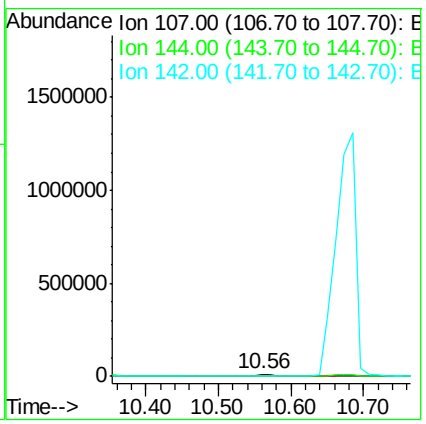


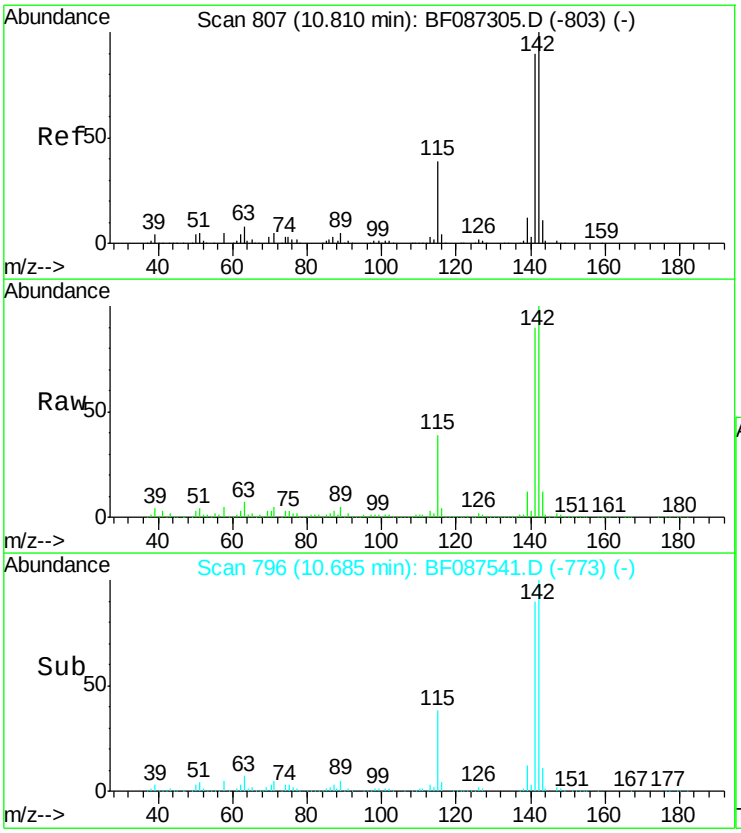
#36
4-Chloro-3-methylphenol
Concen: 3.44 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.03 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:107 Resp: 20261

Ion	Ratio	Lower	Upper
107	100		
144	31.8	20.7	31.1#
142	10.2	63.2	94.8#

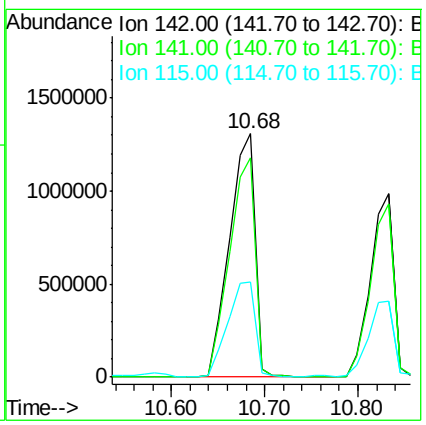


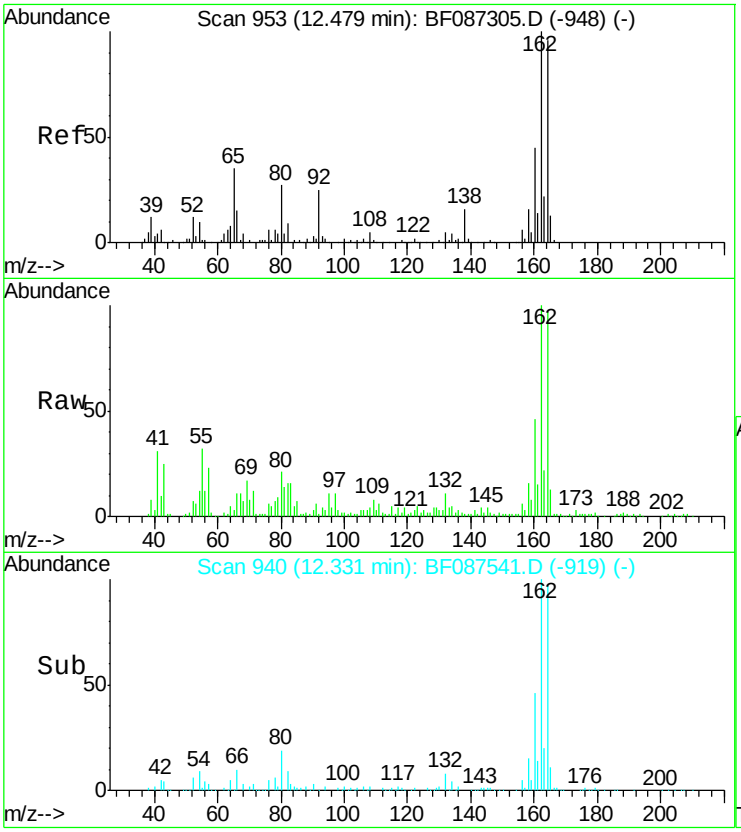


#37
2-Methylnaphthalene
Concen: 205.56 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.03 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:142 Resp: 2502206

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	38.9	26.6	39.8



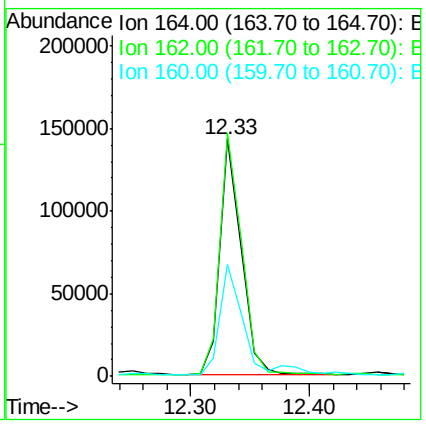


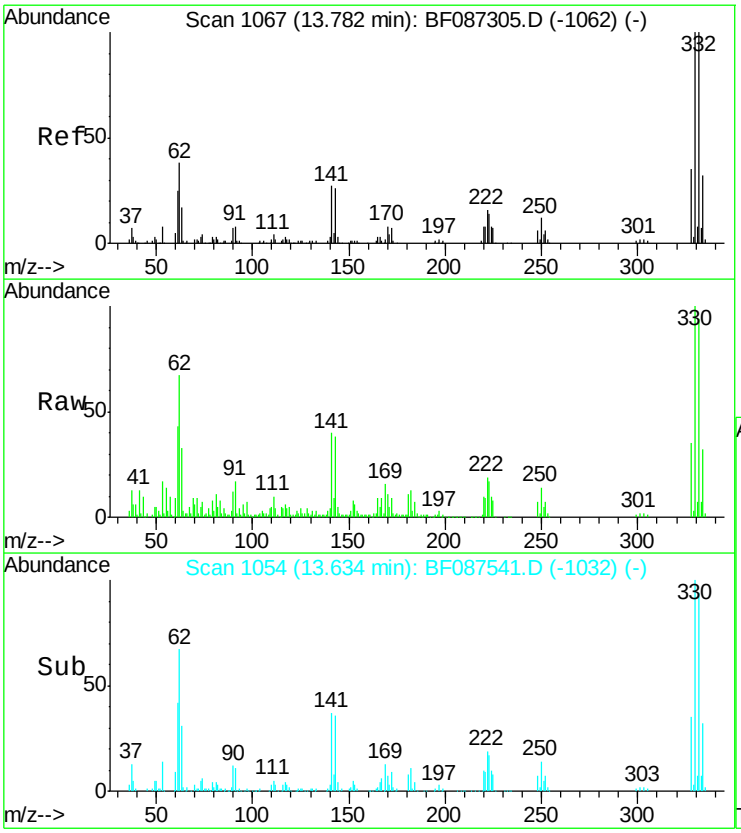
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:164 Resp: 177715

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.8	124.2
160	47.4	36.9	55.3

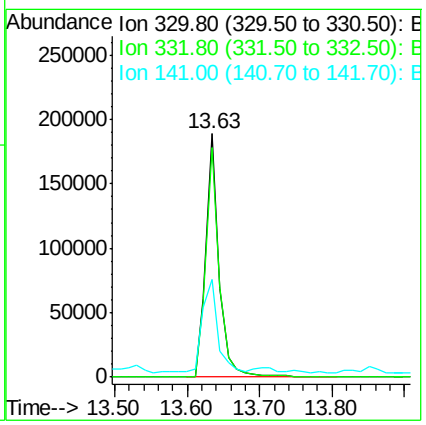


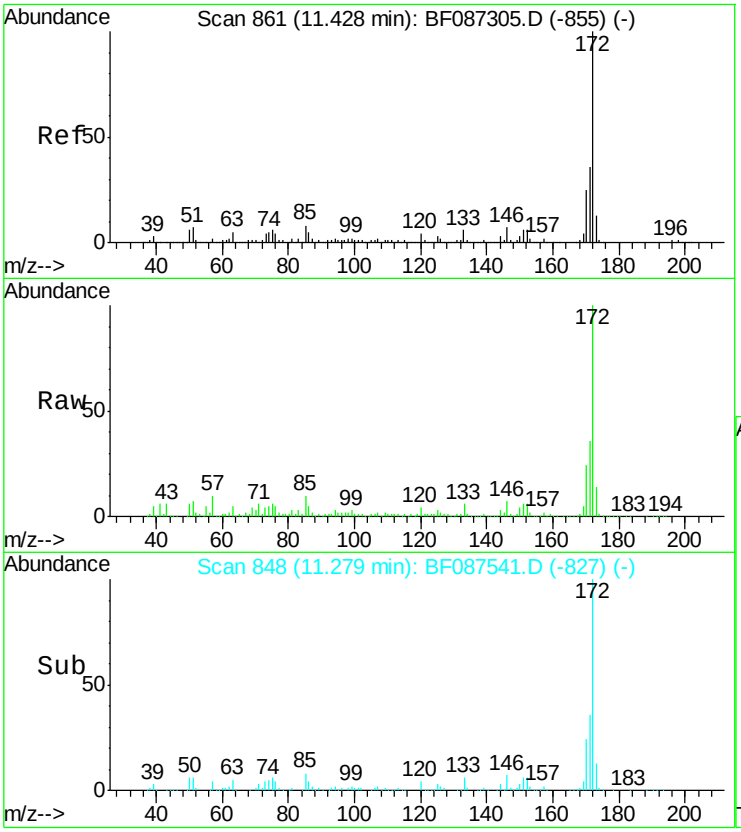


#41
2,4,6-Tribromophenol
Concen: 142.19 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:330 Resp: 242829

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	42.9	31.2	46.8



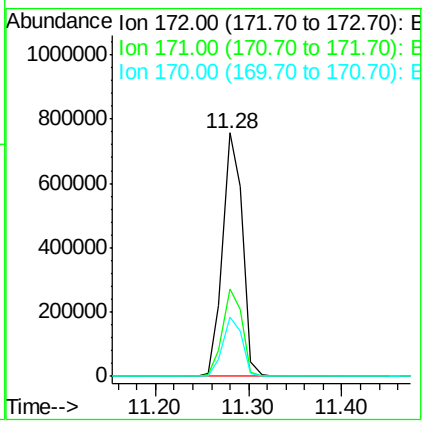


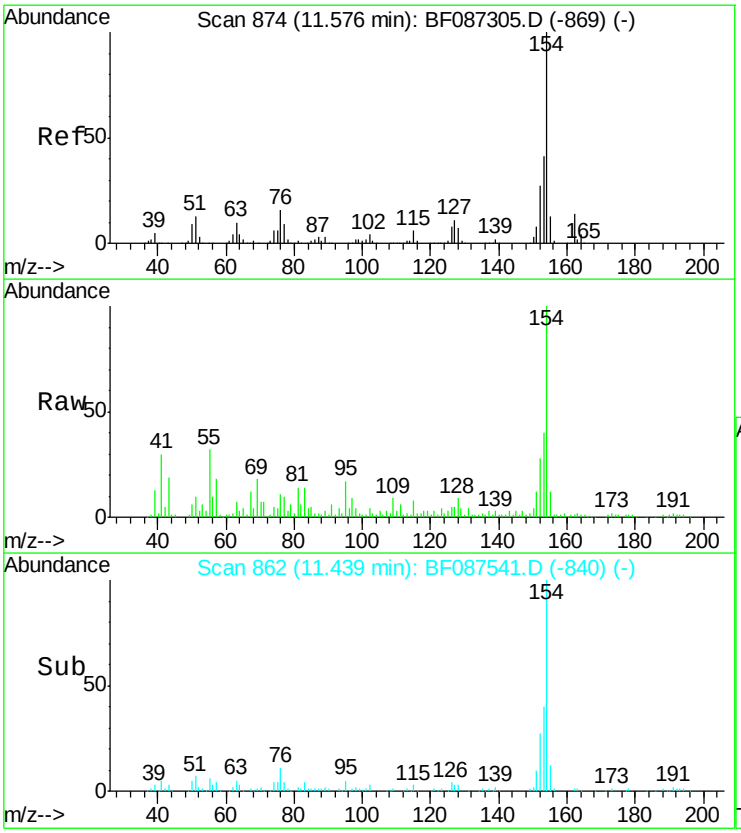
#44
2-Fluorobiphenyl
Concen: 89.10 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:172 Resp: 1123230

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.8	29.8

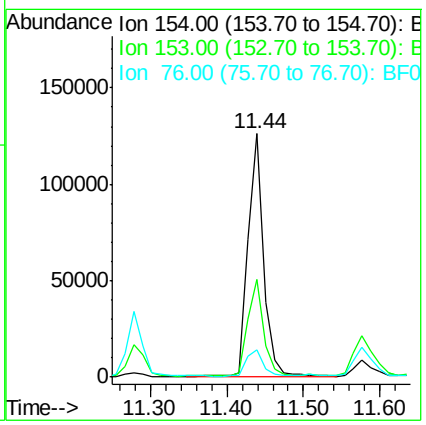


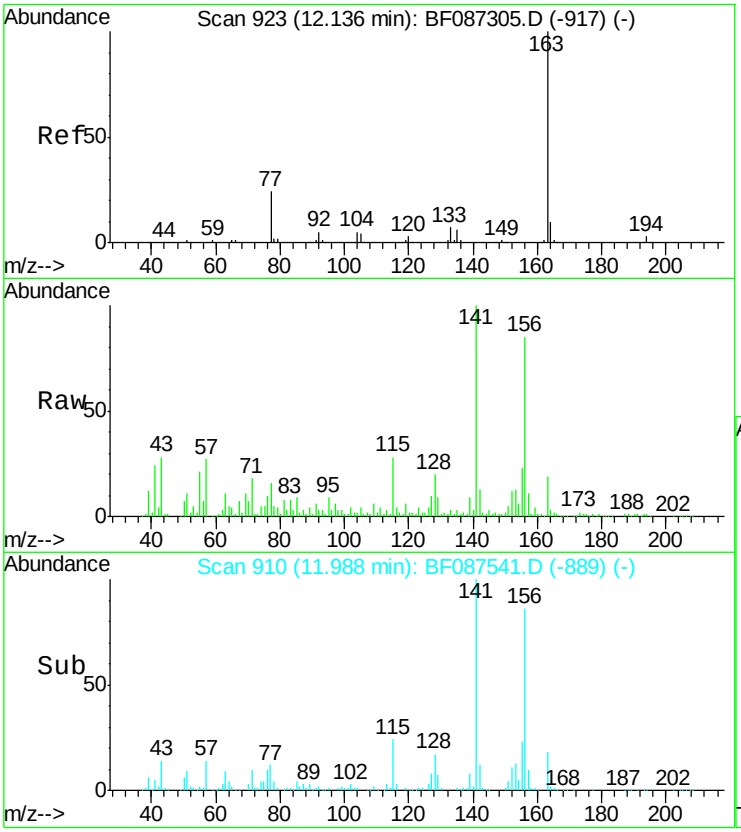


#45
1,1'-Biphenyl
Concen: 11.85 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:154 Resp: 177280

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	11.5	0.0	30.2



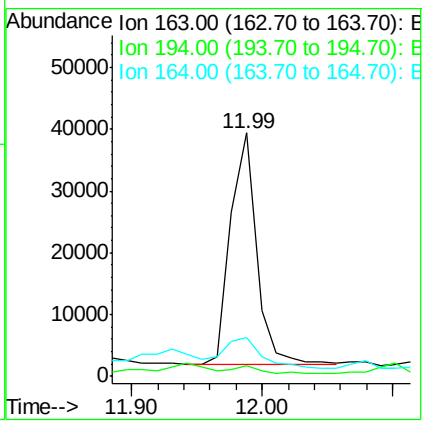


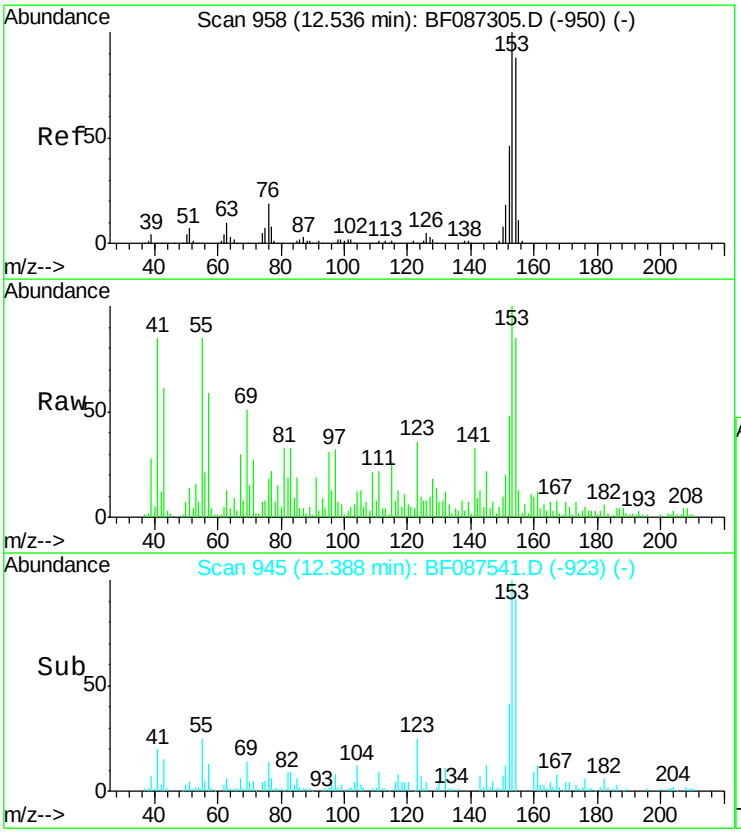
#49
Dimethylphthalate
Concen: 3.68 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:163 Resp: 52319

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.6	4.0#
164	15.8	8.2	12.4#

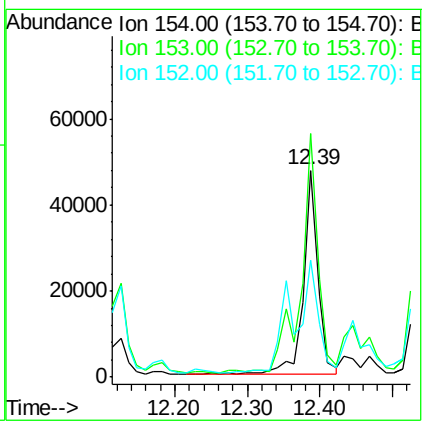


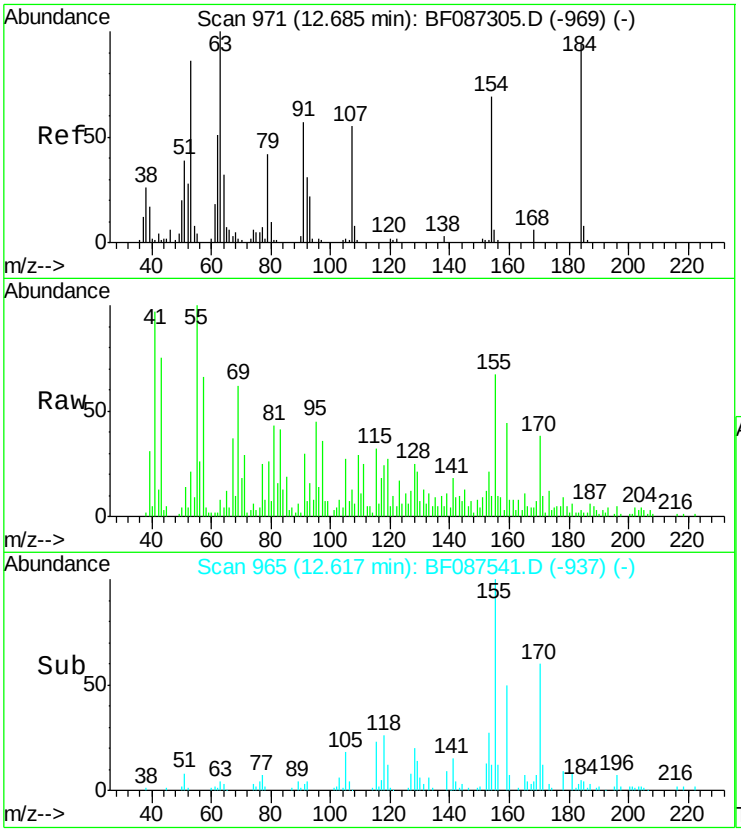


#51
Acenaphthene
Concen: 6.00 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:154 Resp: 66789

Ion	Ratio	Lower	Upper
154	100		
153	117.6	89.8	134.6
152	56.3	43.4	65.0



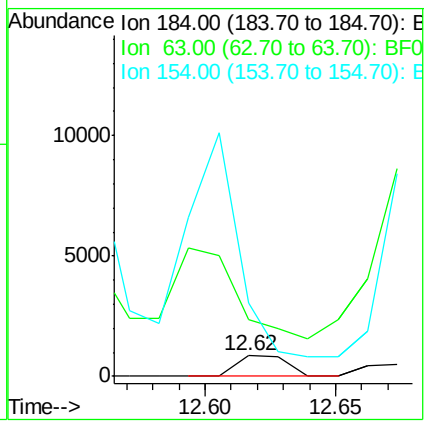


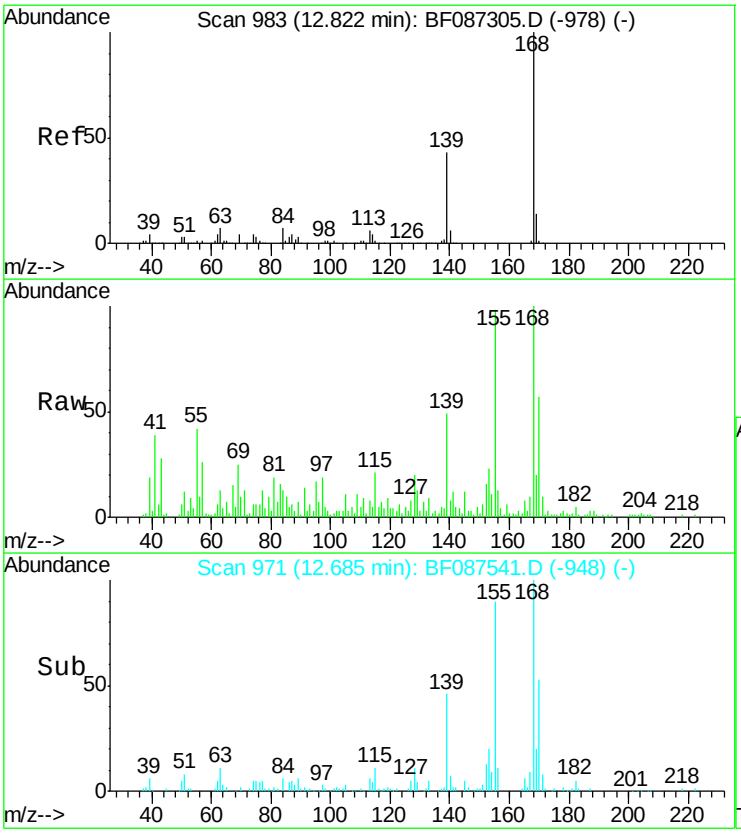
#53
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:184 Resp: 1135

Ion	Ratio	Lower	Upper
184	100		
63	273.5	55.8	83.8#
154	349.6	62.4	93.6#

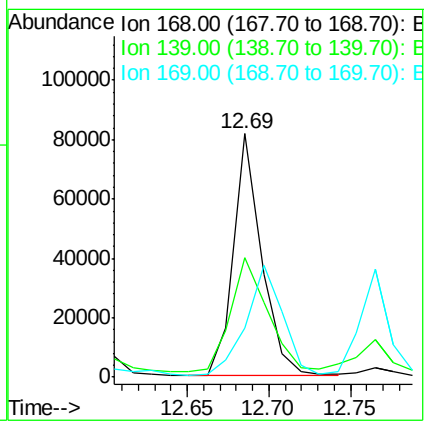


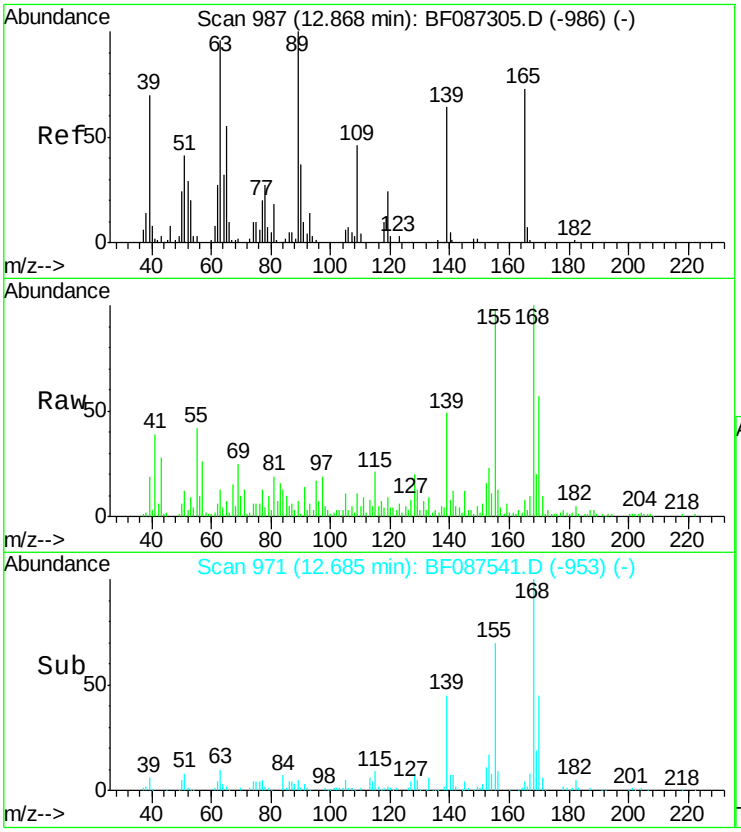


#54
Dibenzofuran
Concen: 6.43 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.03 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:168 Resp: 96933

Ion	Ratio	Lower	Upper
168	100		
139	48.9	31.4	47.0#
169	20.1	10.7	16.1#



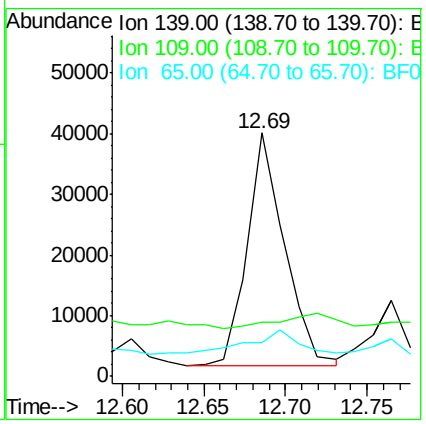


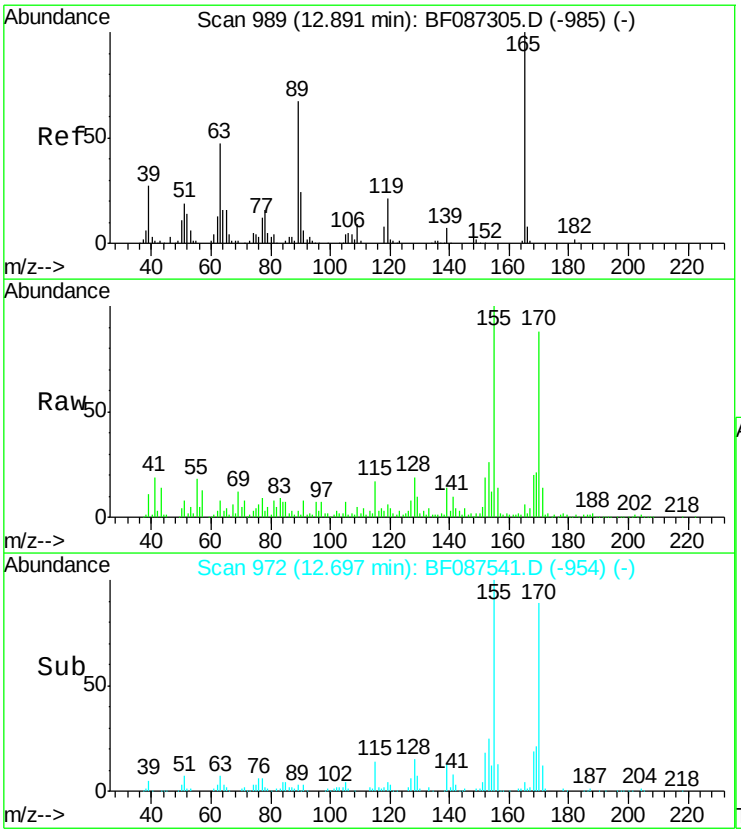
#55
4-Nitrophenol
Concen: 43.40 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.09 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:139 Resp: 60954

Ion	Ratio	Lower	Upper
139	100		
109	22.2	36.9	76.9#
65	13.6	64.0	104.0#

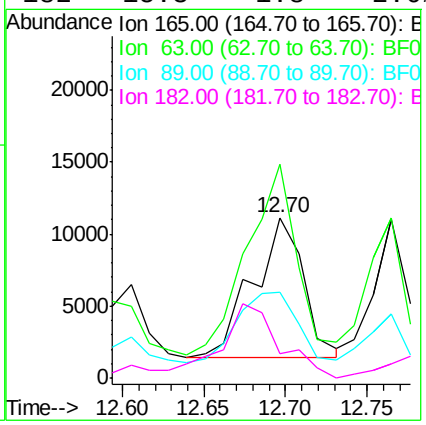


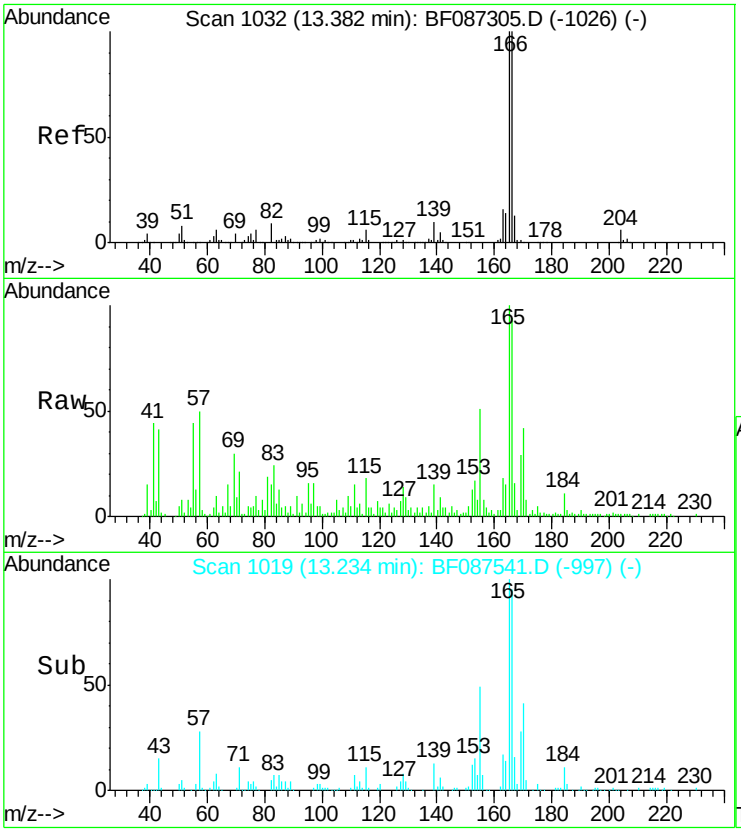


#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.09 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:165 Resp: 20608

Ion	Ratio	Lower	Upper
165	100		
63	133.2	44.3	66.5#
89	53.9	70.0	105.0#
182	15.3	1.8	2.6#



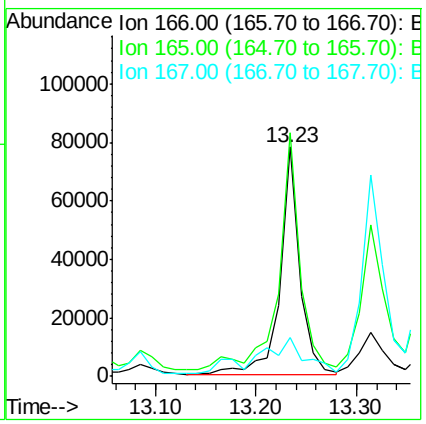


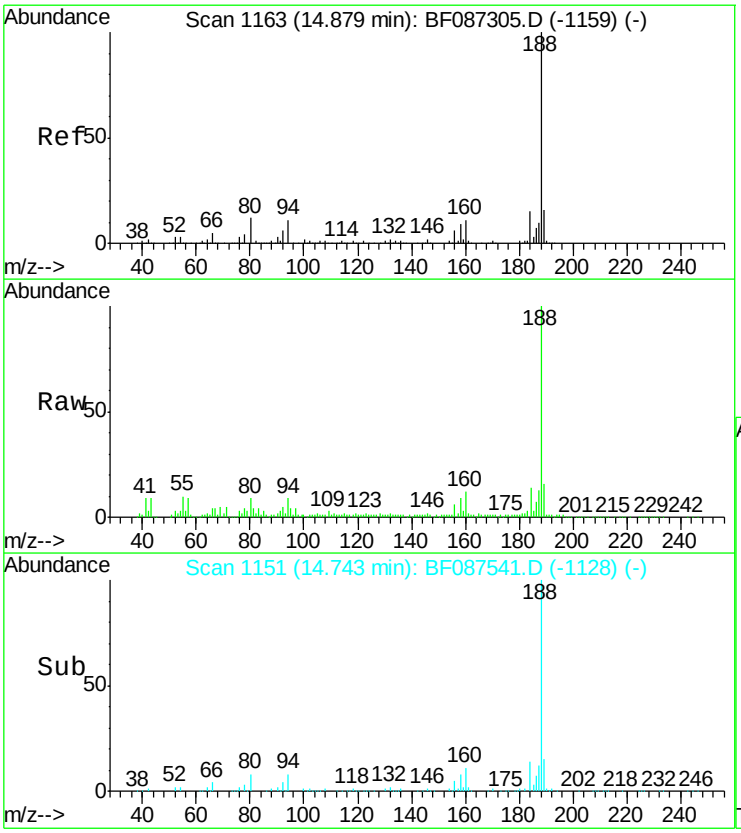
#57
Fluorene
Concen: 8.02 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:166 Resp: 104826

Ion	Ratio	Lower	Upper
166	100		
165	106.2	79.0	118.6
167	17.0	10.6	15.8#

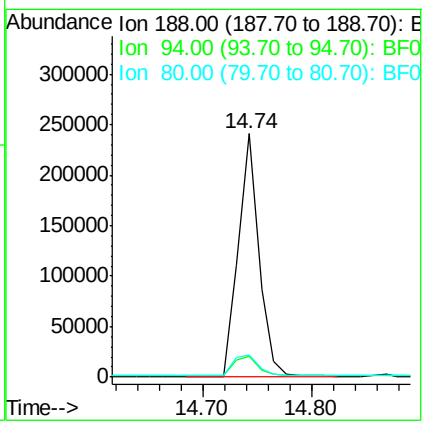


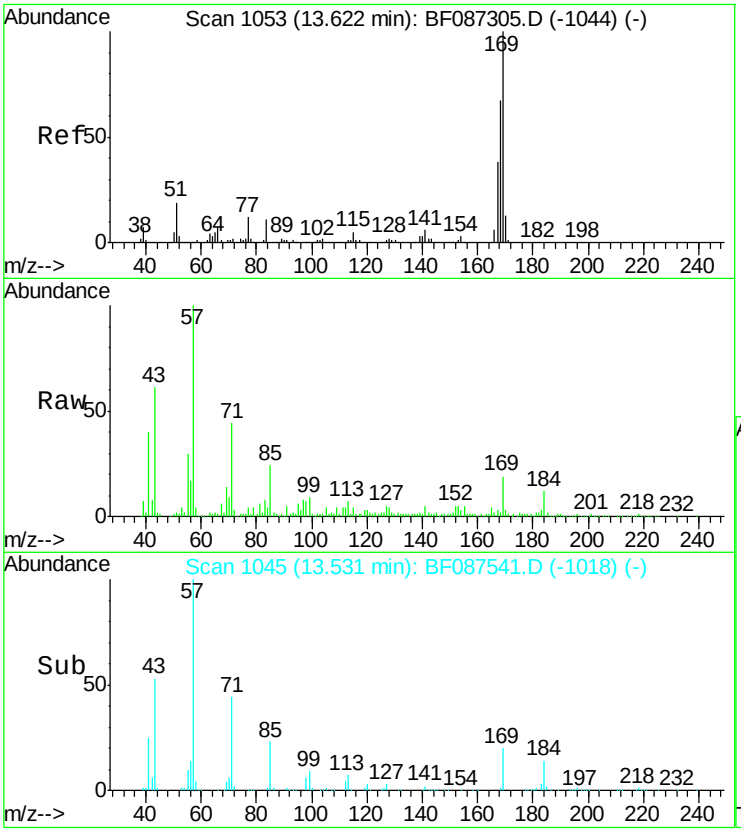


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:188 Resp: 314340

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.9	7.1	10.7



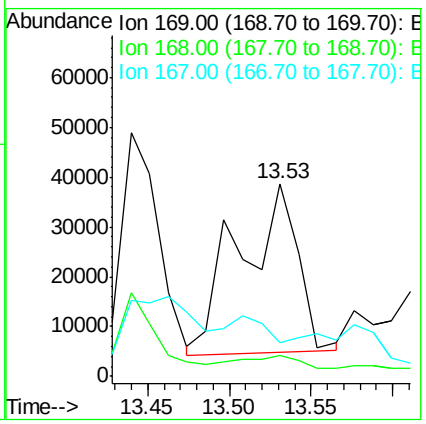


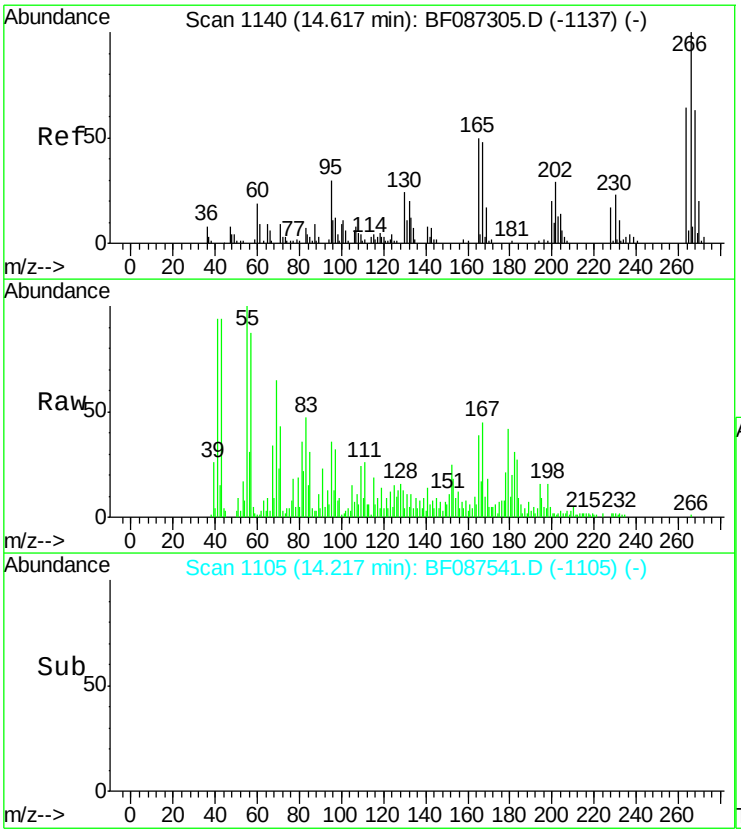
#65
n-Nitrosodiphenylamine
Concen: 8.30 ng
RT: 13.53 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:169 Resp: 84390

Ion	Ratio	Lower	Upper
169	100		
168	10.7	53.8	80.6#
167	17.2	29.5	44.3#

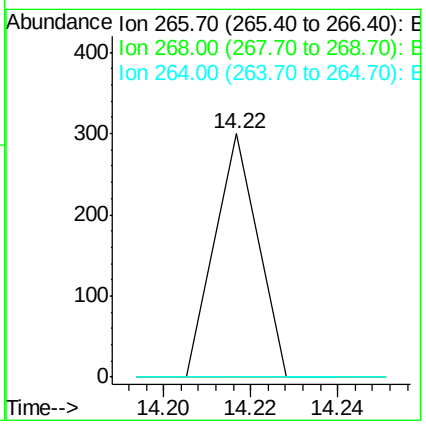


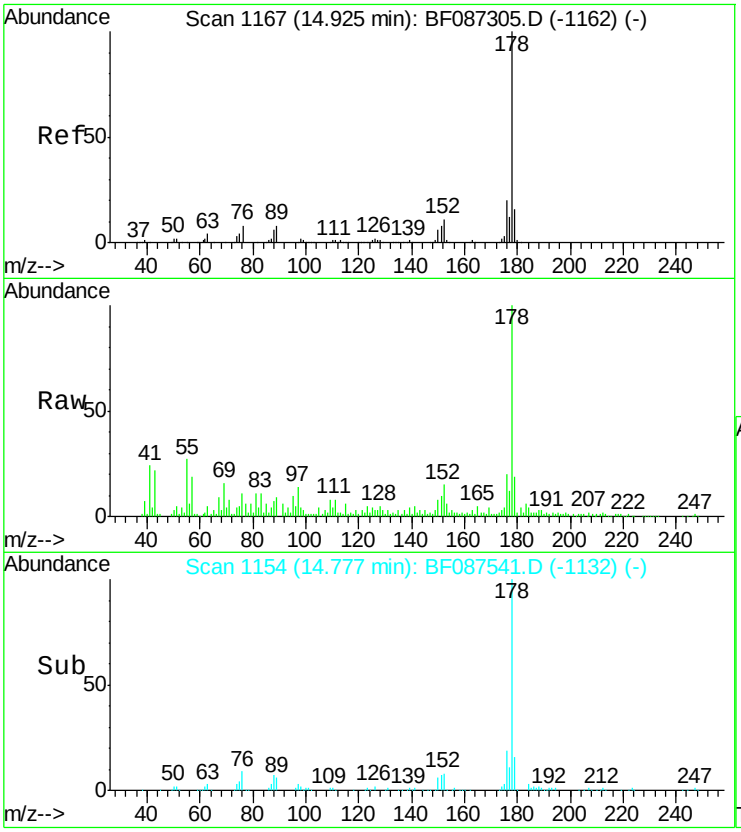


#69
Pentachlorophenol
Concen: 6.35 ng
RT: 14.22 min Scan# 1105
Delta R.T. -0.30 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:266 Resp: 206

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.5	77.3#
264	0.0	52.9	79.3#



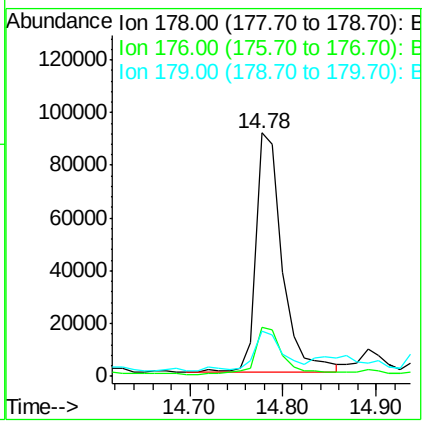


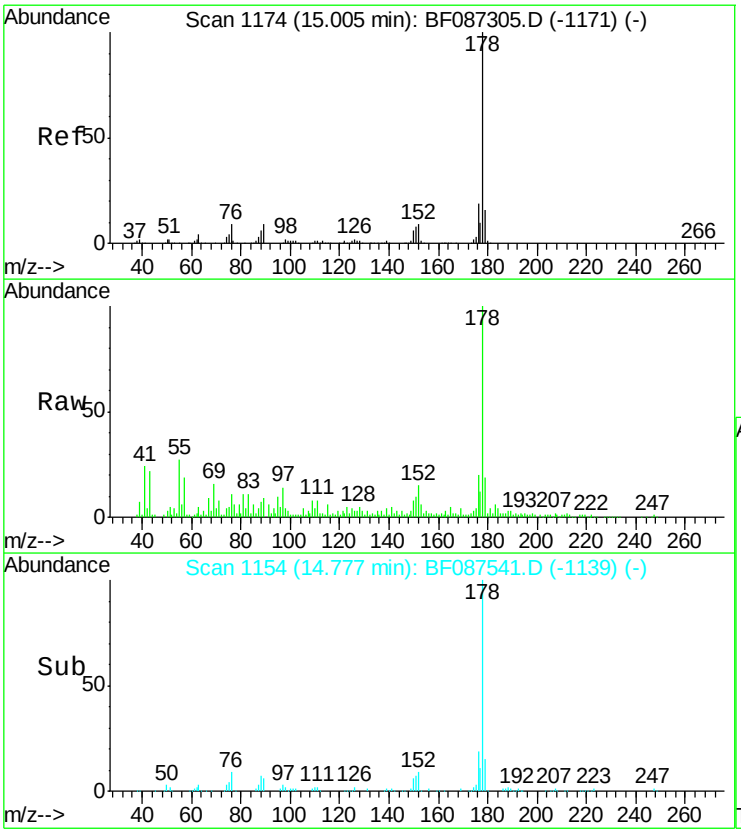
#70
Phenanthrene
Concen: 10.32 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:178 Resp: 179744

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	18.6	12.6	18.8

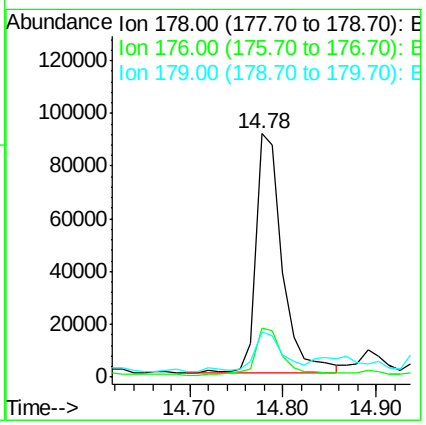


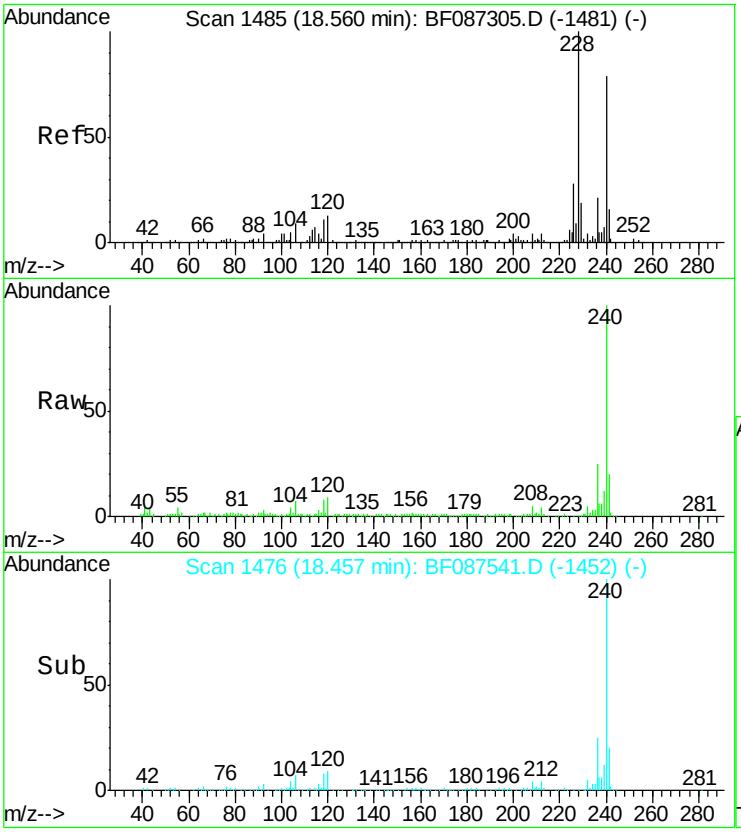


#71
Anthracene
Concen: 10.22 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.13 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:178 Resp: 179744

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	18.6	12.7	19.1



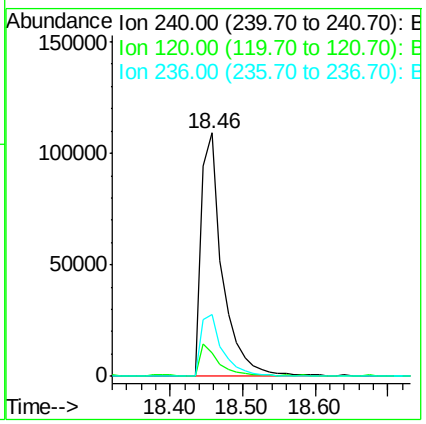


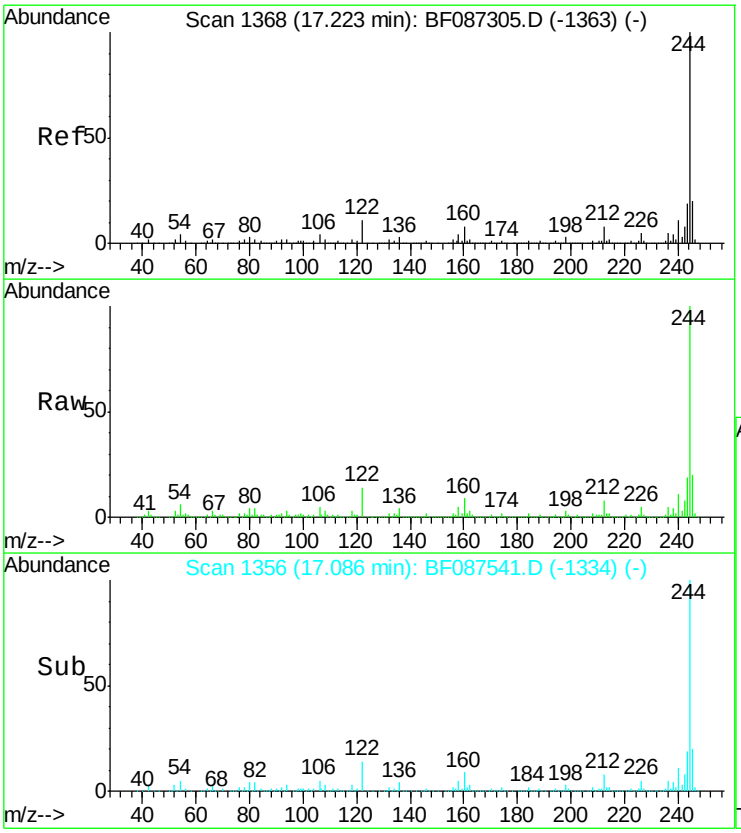
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:240 Resp: 221474

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	25.2	21.2	31.8

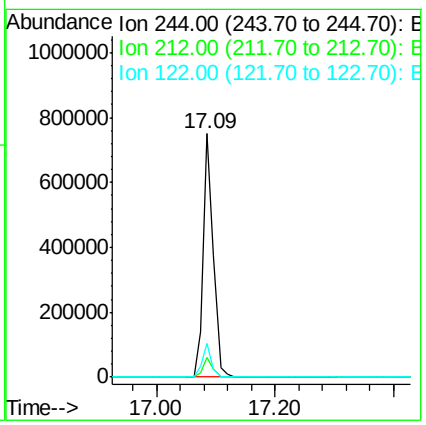


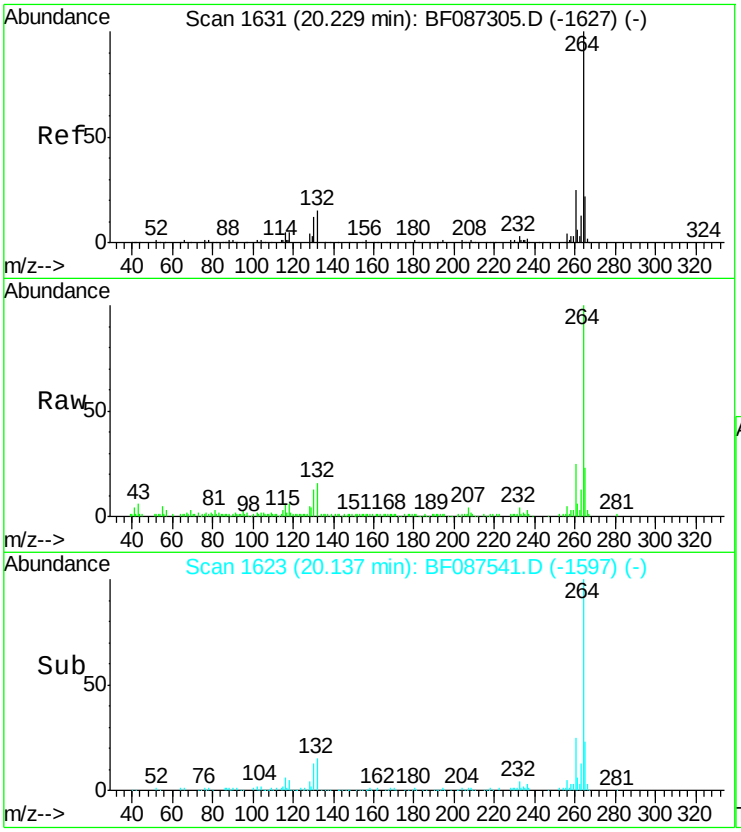


#78
Terphenyl-d14
Concen: 86.84 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.05 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Tgt Ion:244 Resp: 904648

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.0	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087541.D
Acq: 30 May 2016 7:58

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:264 Resp: 182716

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	23.0	17.3	25.9