Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086560.D
Acq On : 1 May 2016 9:29
Operator : UM/SJ
Sample : H2762-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B3COMP

Quant Time: May 02 00:49:38 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	133649	20.00	ng		-0.05
21) Naphthalene-d8	8.05	136	524866	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	135850	20.00	ng		-0.05
63) Phenanthrene-d10	11.28	188	451373	20.00	ng		-0.05
75) Chrysene-d12	13.91	240	214286	20.00	ng		-0.06
86) Perylene-d12	15.30	264	13759	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1048842	135.36	ng		-0.01
7) Phenol-d6	6.41	99	448961	41.52	ng		-0.03
23) Nitrobenzene-d5	7.33	82	924589	94.95	ng		-0.05
41) 2,4,6-Tribromophenol	10.59	330	350774	244.85	ng		-0.05
44) 2-Fluorobiphenyl	9.13	172	1431728	-20.00	ng		-0.05
78) Terphenyl-d14	12.87	244	1234153	126.89	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.28	77	14316	2.28	ng	#	1
15) Benzyl Alcohol	6.92	79	18004	2.63	ng	#	42
18) Hexachloroethane	7.31	117	8152	2.04	ng	#	1
25) Isophorone	7.33	82	706984	37.72	ng	#	68
31) Naphthalene	8.09	128	6038975	226.12	ng	#	94
32) Benzoic acid	7.84	122	1453	9.02	ng	#	1
33) 4-Chloroaniline	8.09	127	905618	90.55	ng	#	36
37) 2-Methylnaphthalene	8.76	142	318773	20.23	ng		98
45) 1,1'-Biphenyl	9.23	154	47455	4.18	ng		98
48) Acenaphthylene	9.66	152	52526	3.89	ng		97
51) Acenaphthene	9.84	154	45149	5.21	ng		97
56) 2,4-Dinitrotoluene	9.80	165	18331	6.81	ng	#	21
57) Fluorene	10.35	166	48137	5.12	ng		99
66) 4-Bromophenyl-phenylether	10.59	248	21968	4.72	ng	#	1
70) Phenanthrene	11.30	178	86583	3.66	ng		99

(#) = 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 9:29
Operator : UM/SJ
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Misc :
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Instrument :
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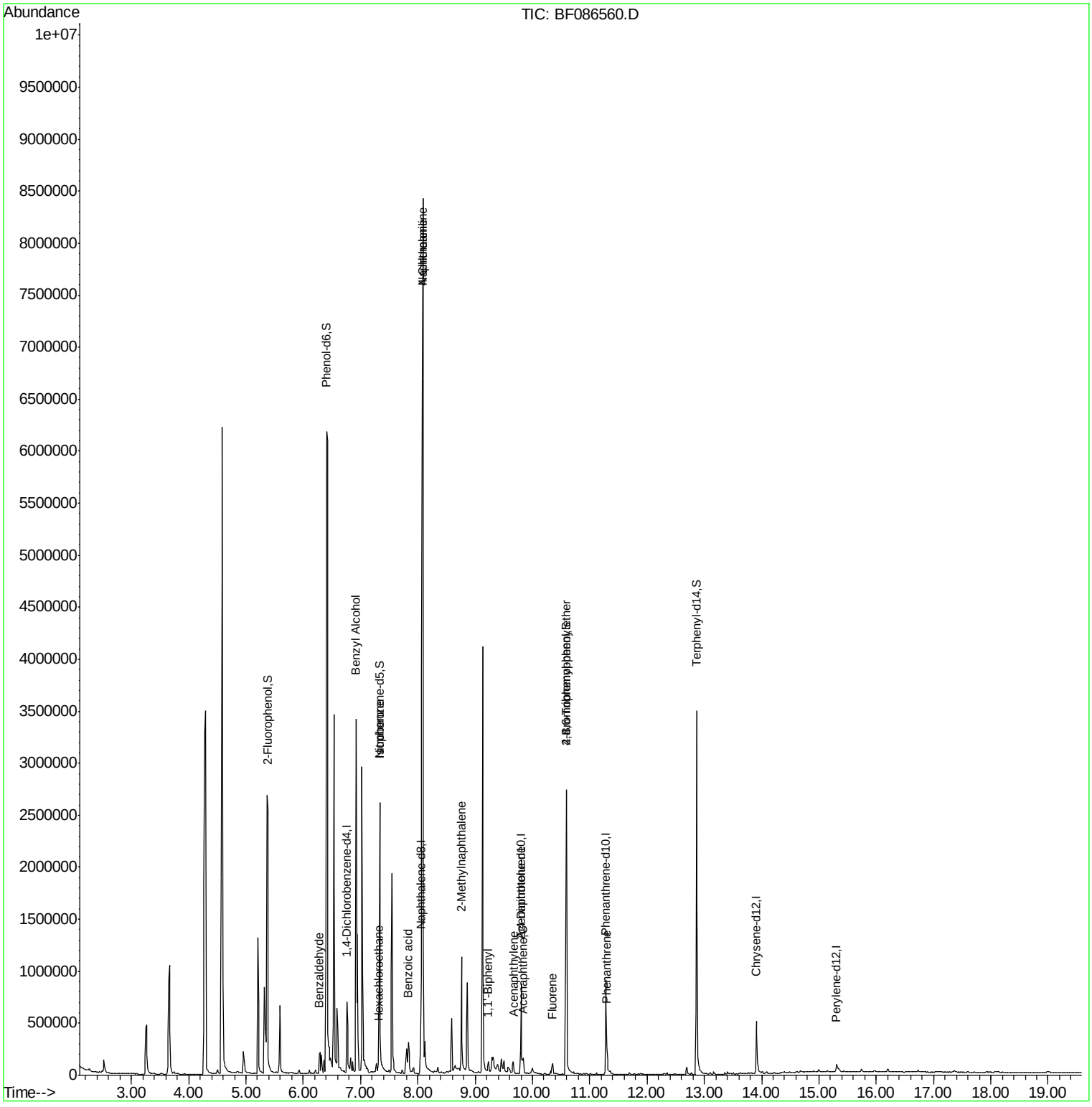
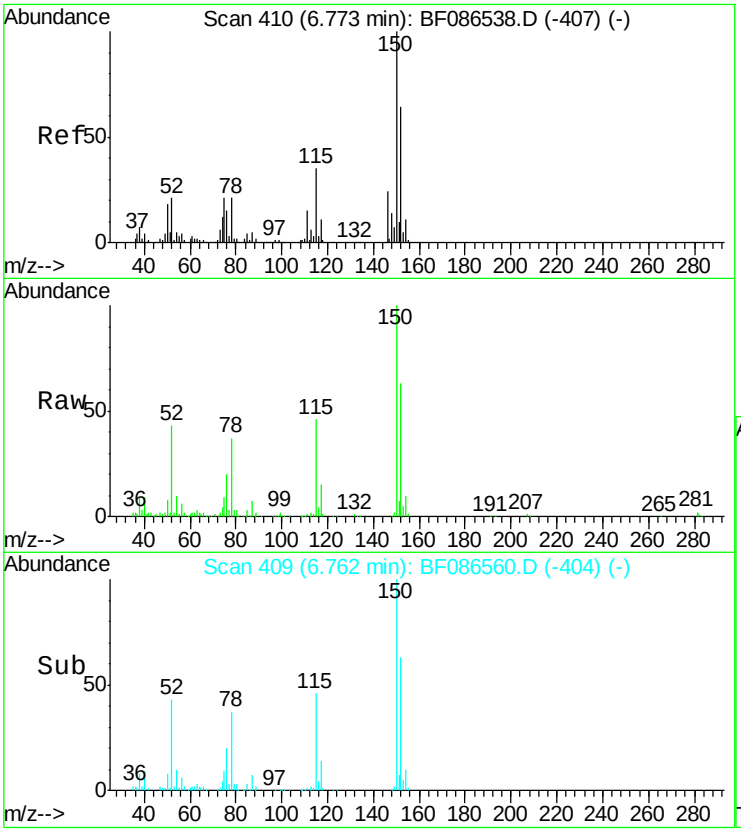
TEC-B3COMP

Quant Time: May 02 00:49:38 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



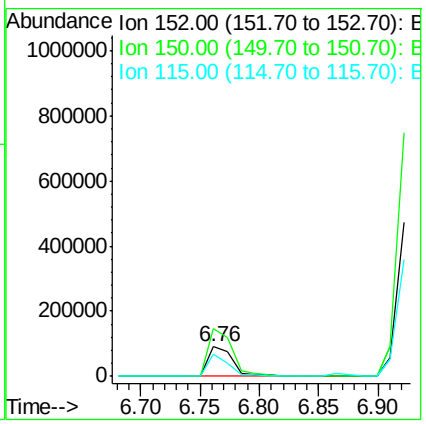


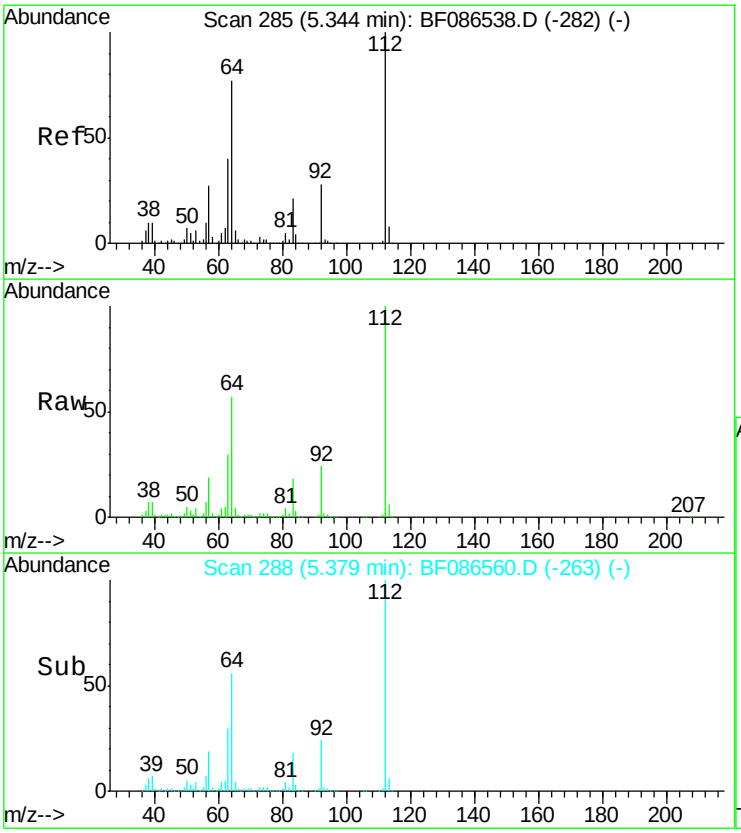
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:152 Resp: 133649

Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.8	188.6
115	73.2	51.5	77.3

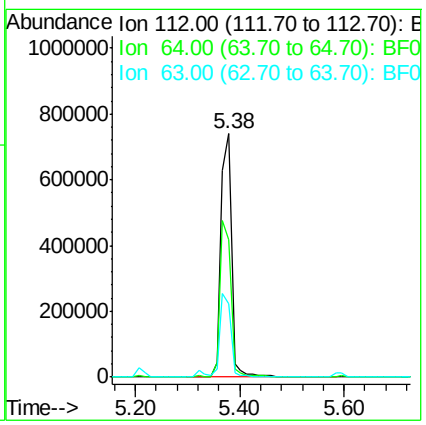


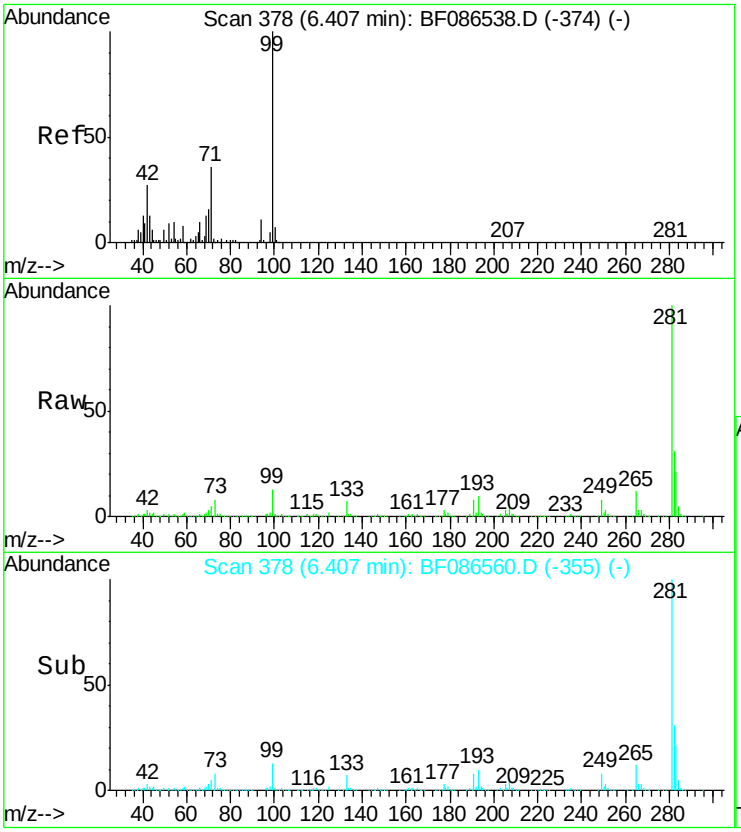


#5
2-Fluorophenol
Concen: 135.36 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:112 Resp: 1048842

Ion	Ratio	Lower	Upper
112	100		
64	56.5	52.1	78.1
63	29.9	25.7	38.5



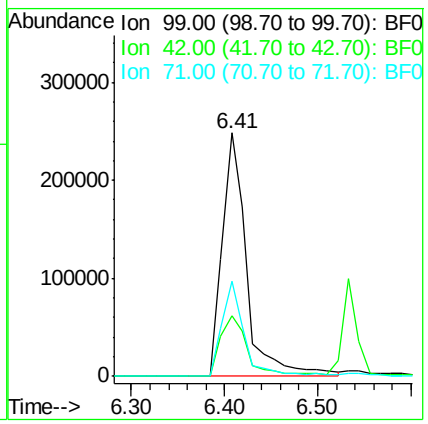


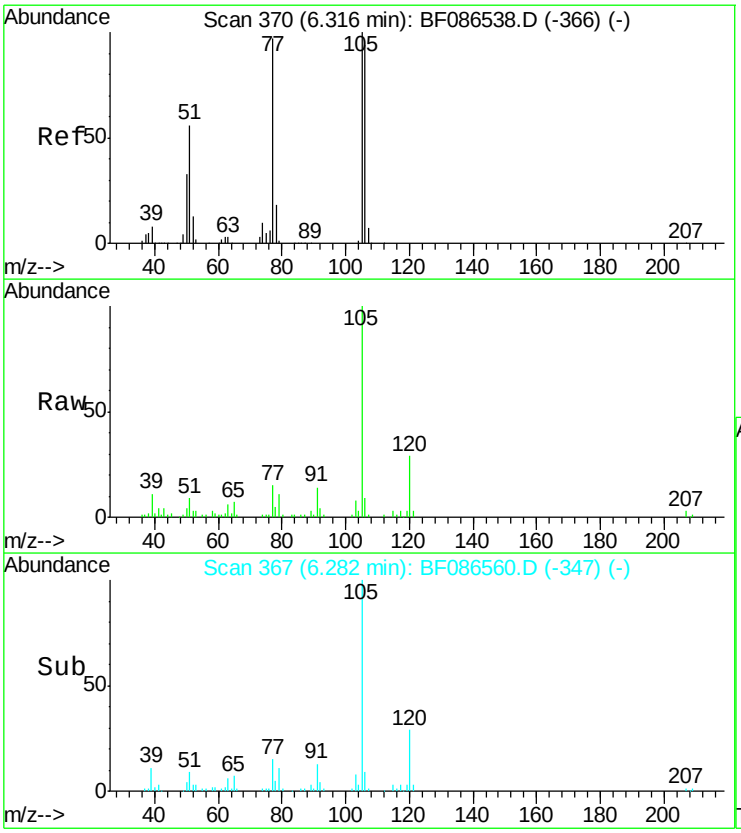
#7
Phenol-d6
Concen: 41.52 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion: 99 Resp: 448961

Ion	Ratio	Lower	Upper
99	100		
42	24.7	13.6	20.4#
71	38.9	24.6	36.8#

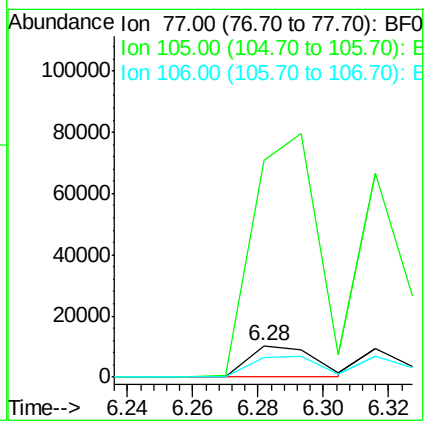


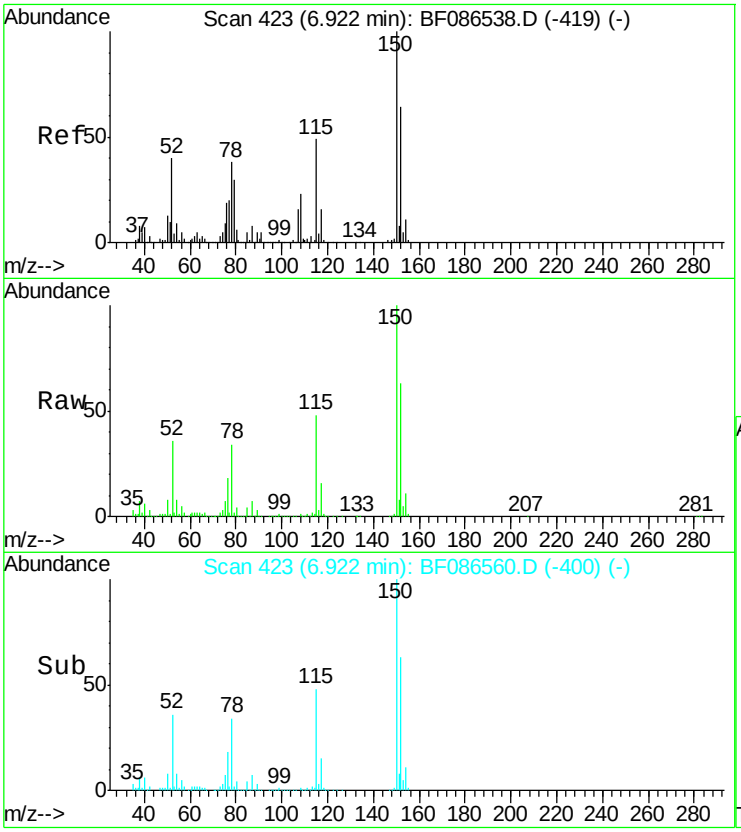


#9
Benzaldehyde
Concen: 2.28 ng
RT: 6.28 min Scan# 367
Delta R.T. -0.07 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion: 77 Resp: 14316

Ion	Ratio	Lower	Upper
77	100		
105	684.8	72.7	112.7#
106	60.8	70.8	110.8#



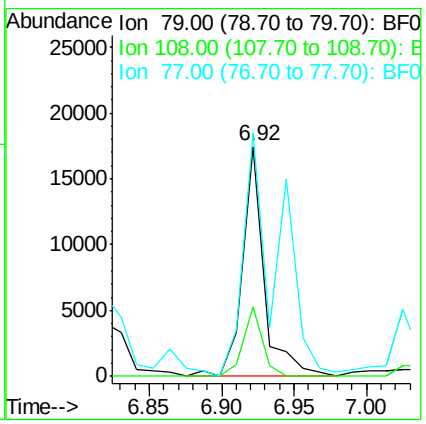


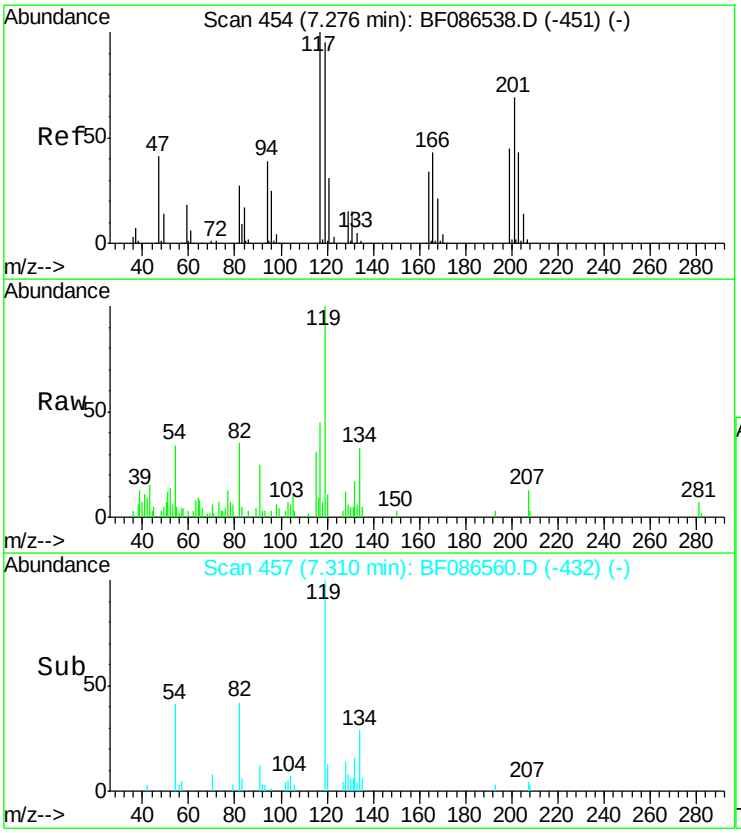
#15
Benzyl Alcohol
Concen: 2.63 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion: 79 Resp: 18004

Ion	Ratio	Lower	Upper
79	100		
108	30.3	68.4	102.6#
77	106.0	50.6	76.0#

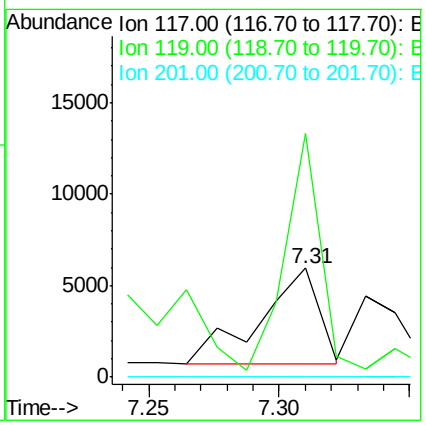


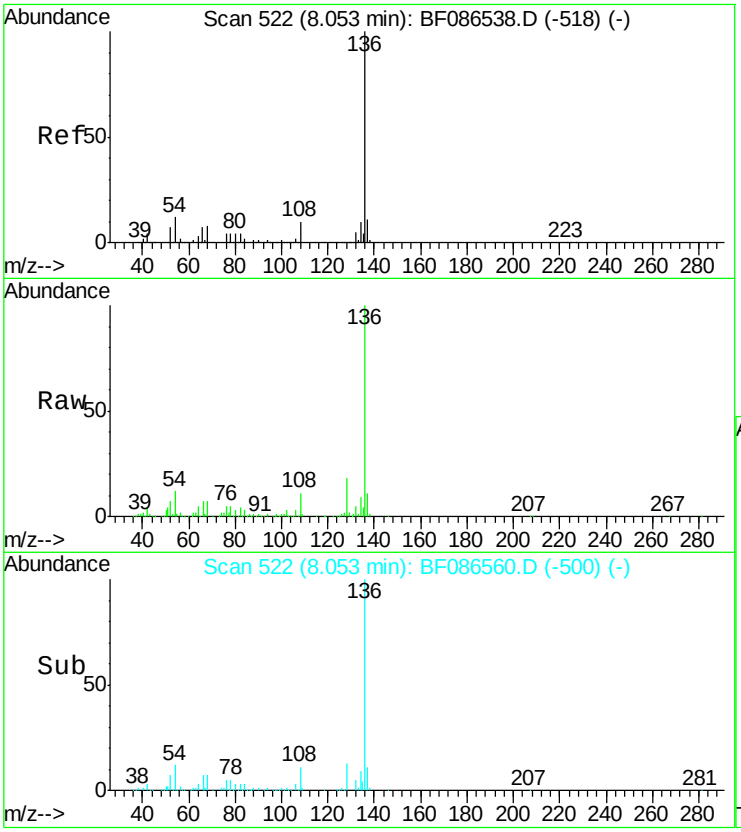


#18
Hexachloroethane
Concen: 2.04 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:117 Resp: 8152

Ion	Ratio	Lower	Upper
117	100		
119	223.7	76.5	114.7#
201	0.0	63.0	94.6#



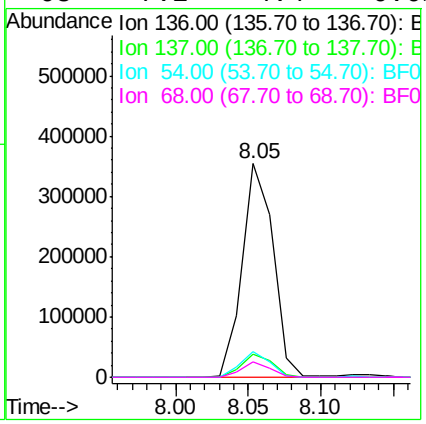


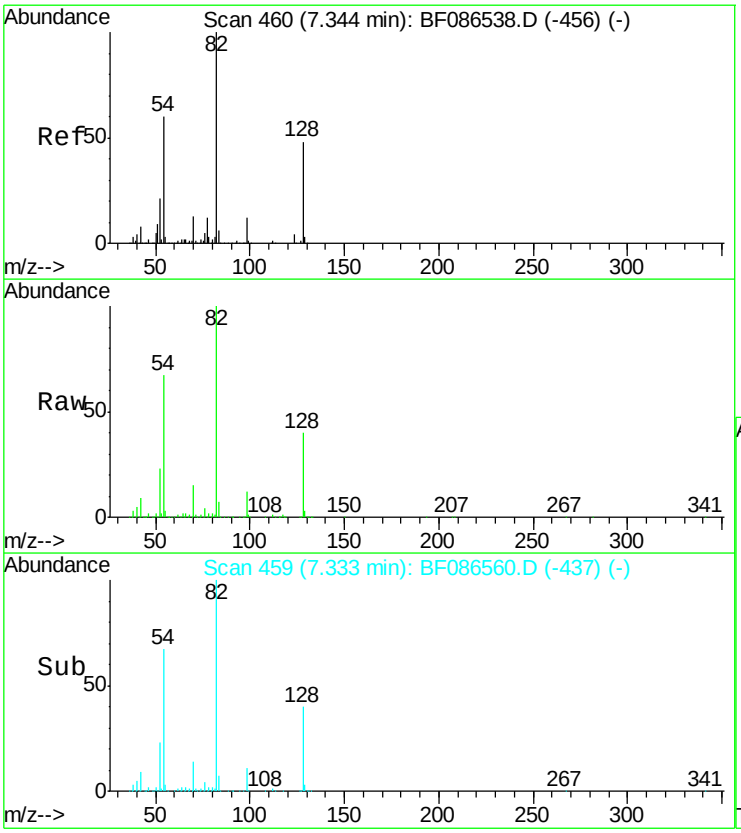
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:136 Resp: 524866

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	12.1	5.0	7.4#
68	7.2	4.4	6.6#

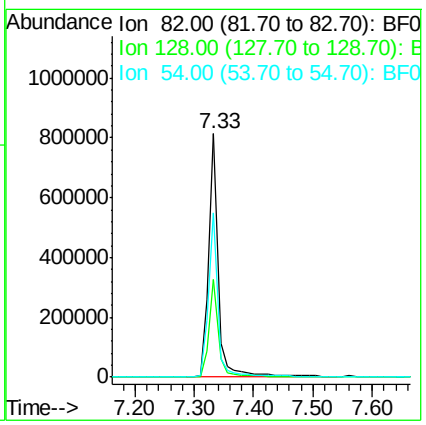


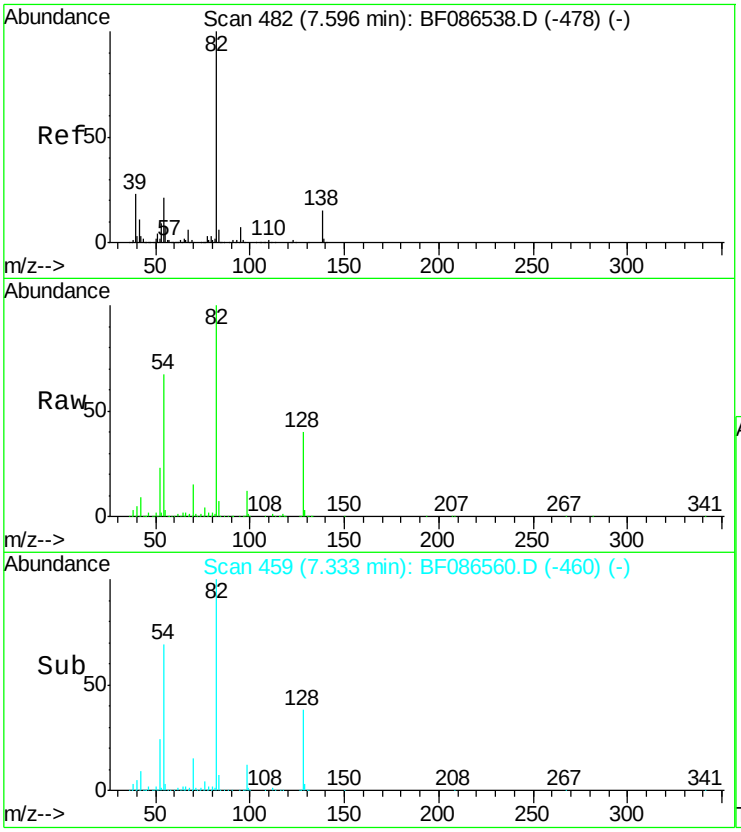


#23
Nitrobenzene-d5
Concen: 94.95 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion: 82 Resp: 924589

Ion	Ratio	Lower	Upper
82	100		
128	40.3	40.6	61.0#
54	67.3	38.1	57.1#



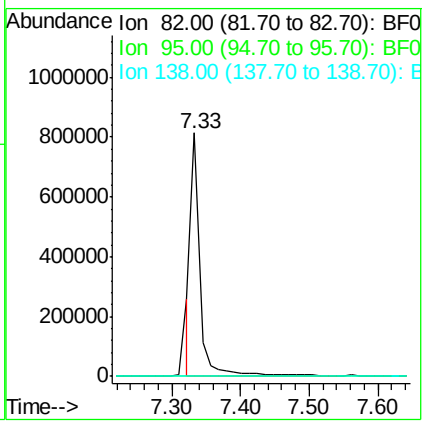


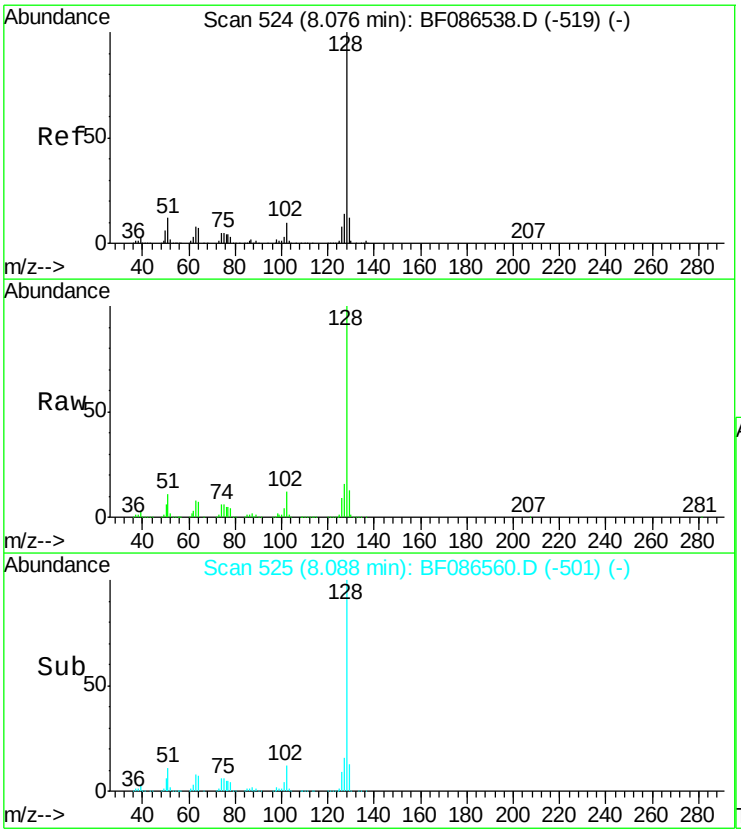
#25
Isophorone
Concen: 37.72 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.31 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion: 82 Resp: 706984

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

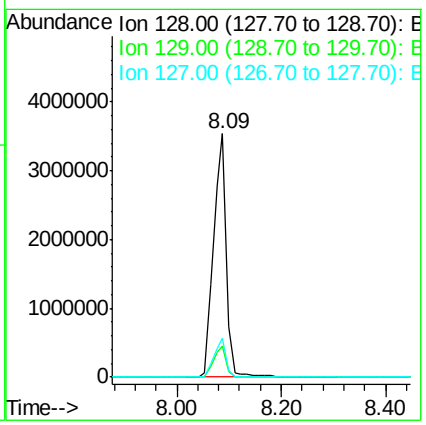


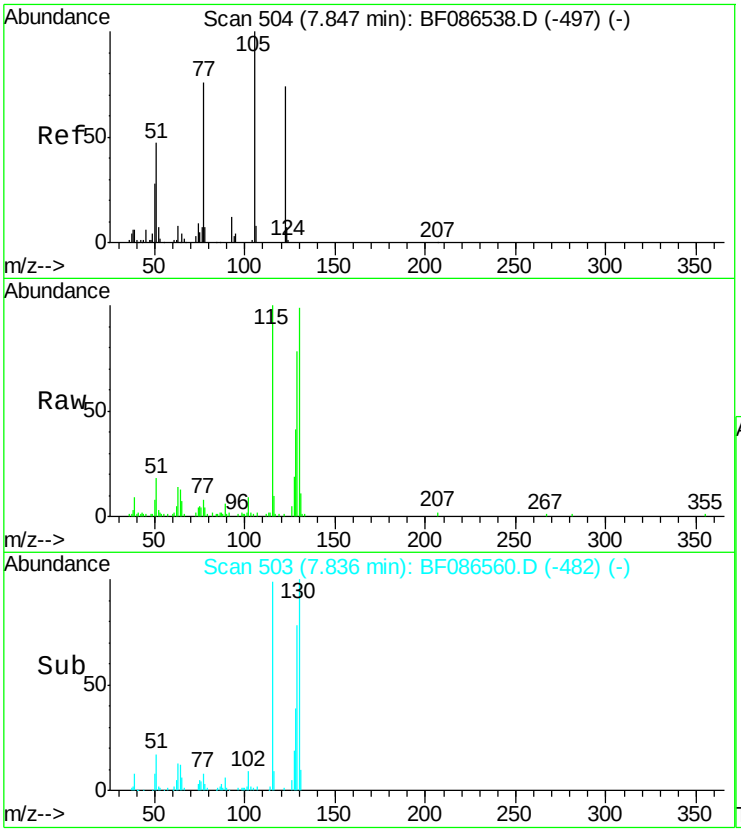


#31
Naphthalene
Concen: 226.12 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:128 Resp: 6038975

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.6	13.0#
127	16.0	10.8	16.2



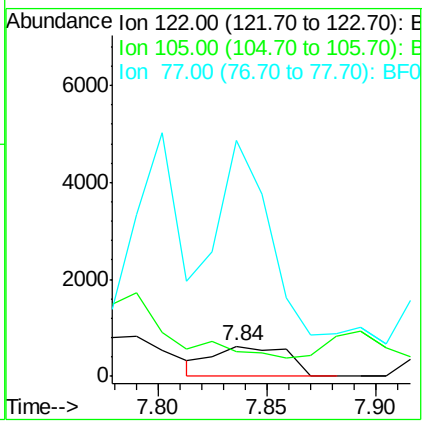


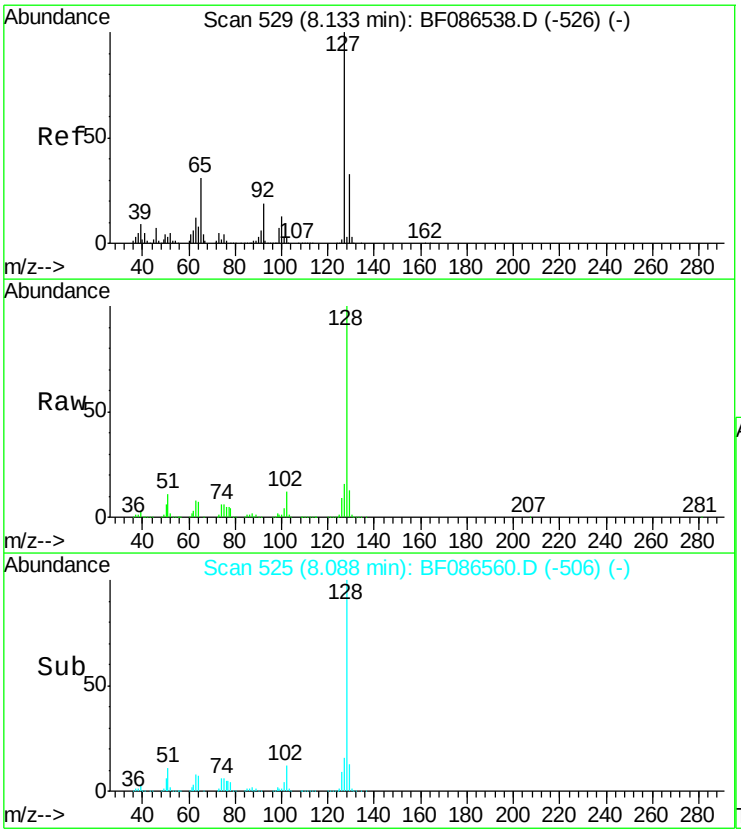
#32
Benzoic acid
Concen: 9.02 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:122 Resp: 1453

Ion	Ratio	Lower	Upper
122	100		
105	81.2	92.6	132.6#
77	786.7	60.0	100.0#

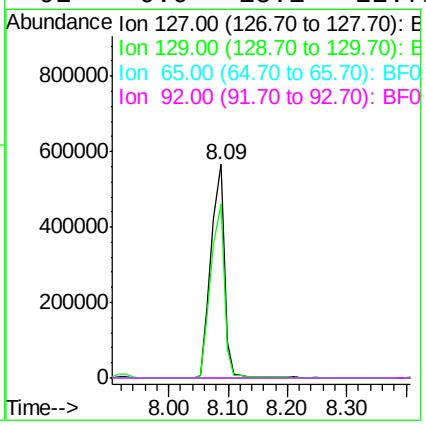


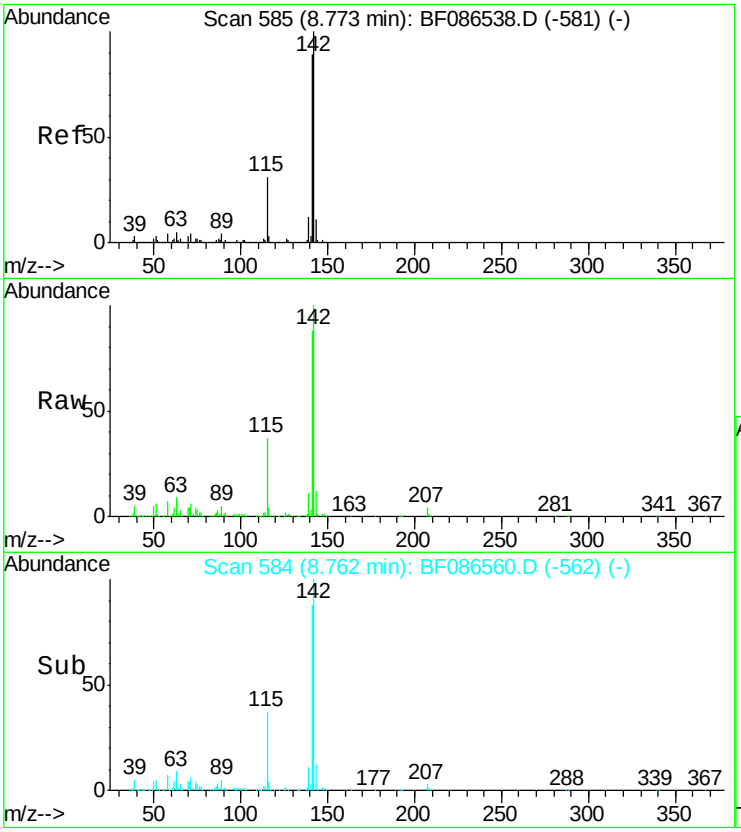


#33
4-Chloroaniline
Concen: 90.55 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.08 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:127 Resp: 905618

Ion	Ratio	Lower	Upper
127	100		
129	81.2	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



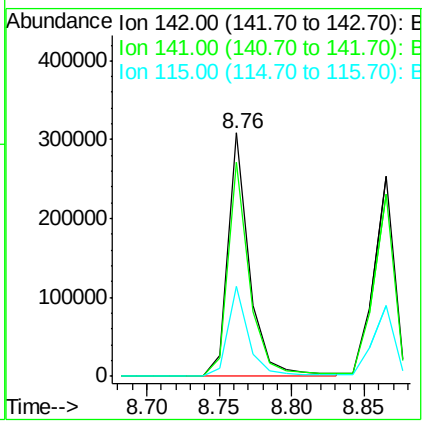


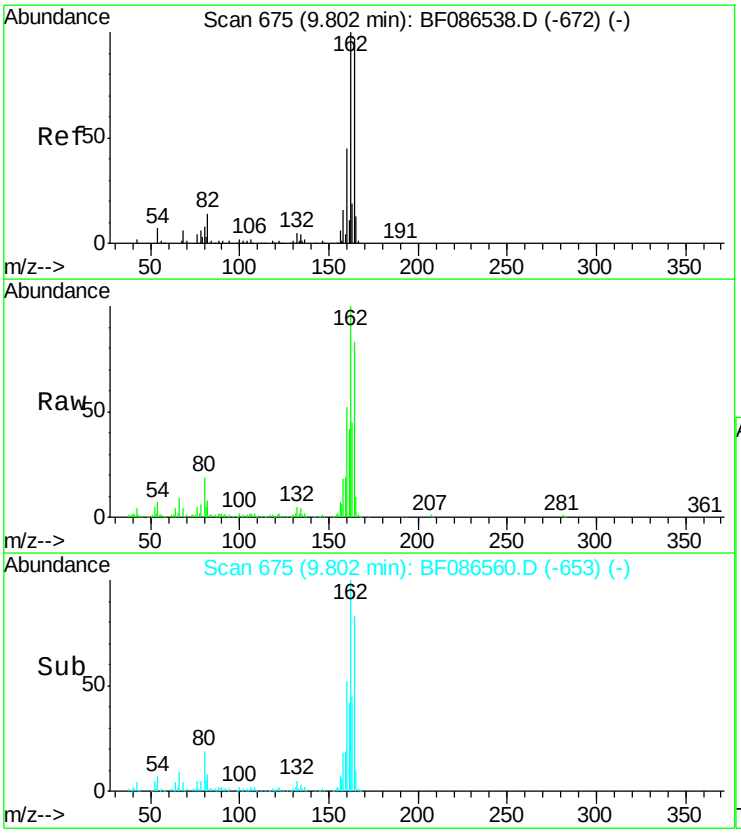
#37
2-Methylnaphthalene
Concen: 20.23 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:142 Resp: 318773

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	36.8	26.6	39.8

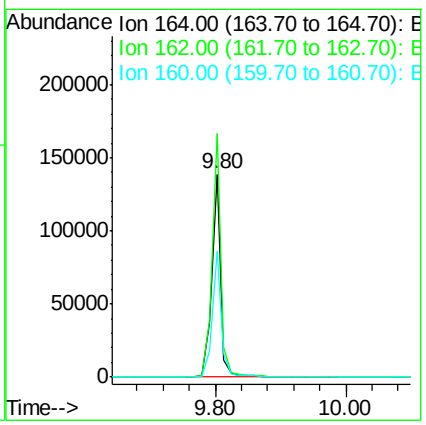


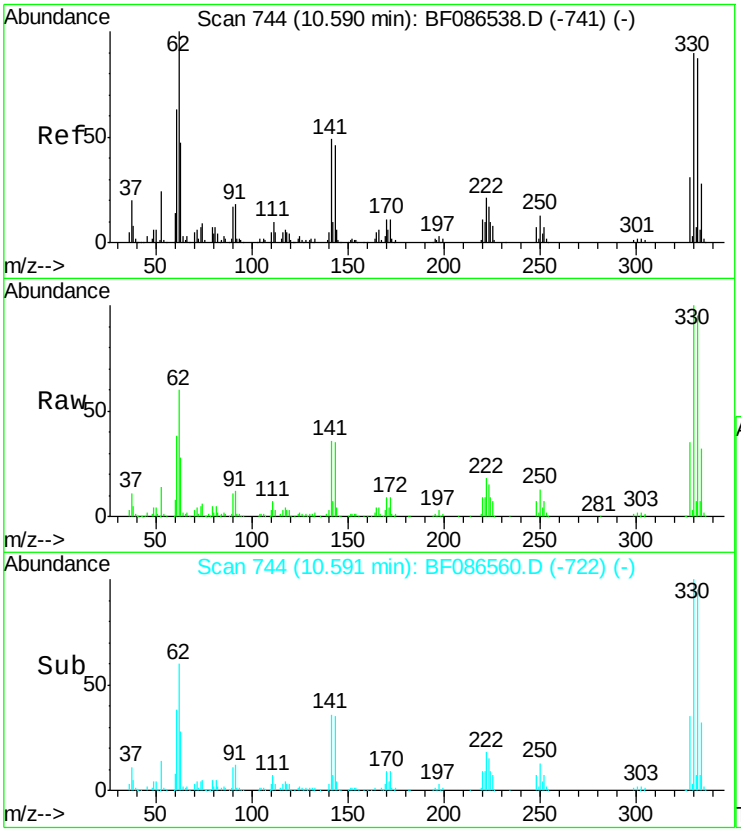


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:164 Resp: 135850

Ion	Ratio	Lower	Upper
164	100		
162	120.1	82.8	124.2
160	62.2	36.9	55.3#



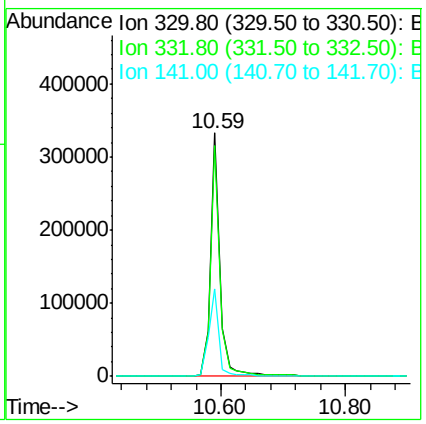


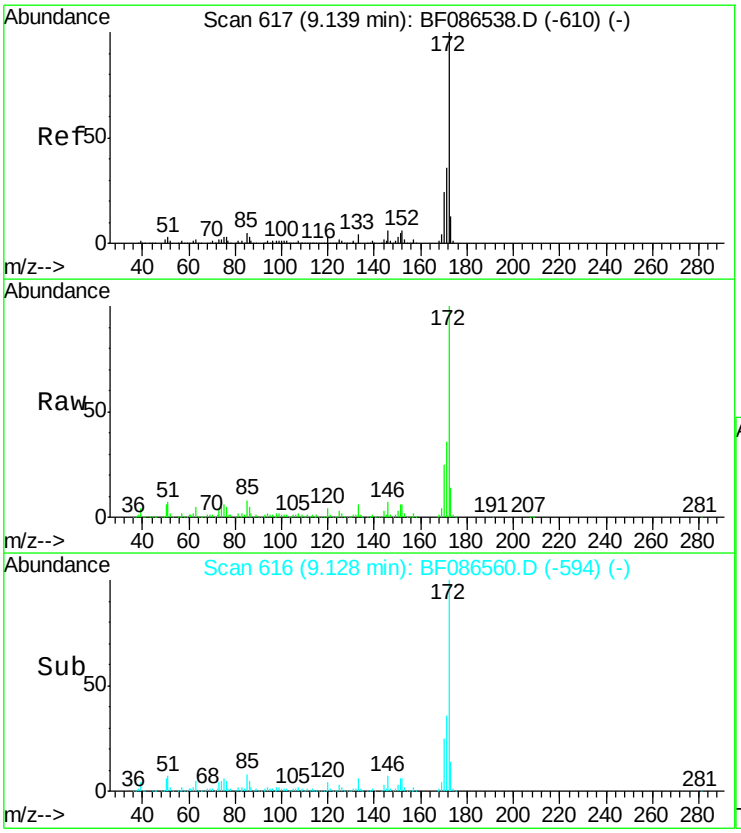
#41
2,4,6-Tribromophenol
Concen: 244.85 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:330 Resp: 350774

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.0	118.4
141	39.7	31.2	46.8

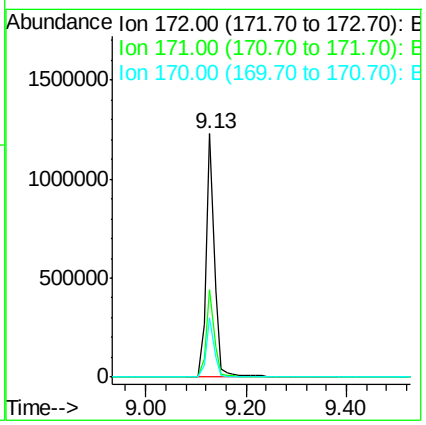


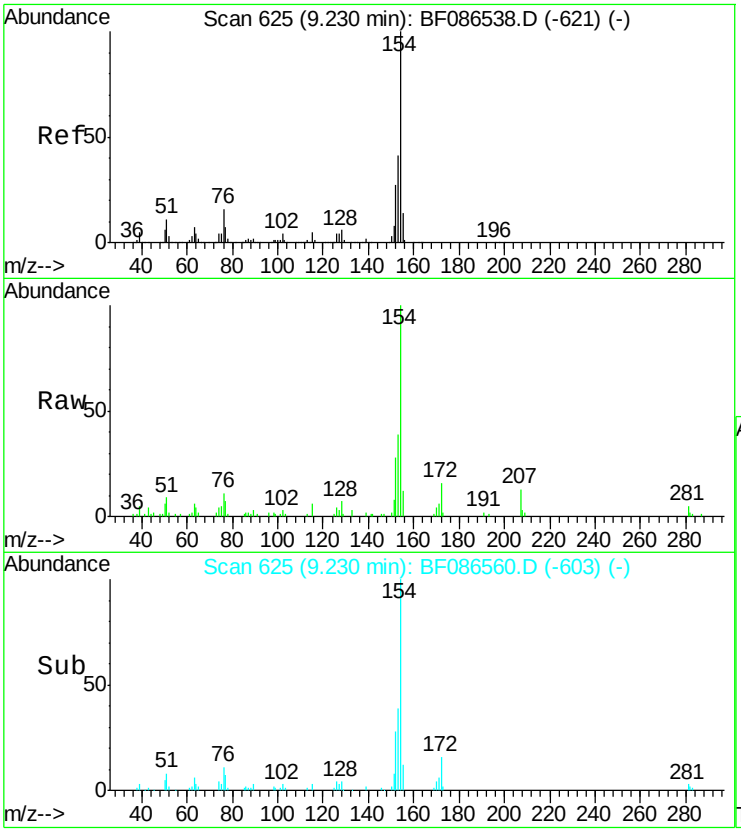


#44
2-Fluorobiphenyl
Concen: -20.00 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:172 Resp: 1431728

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8



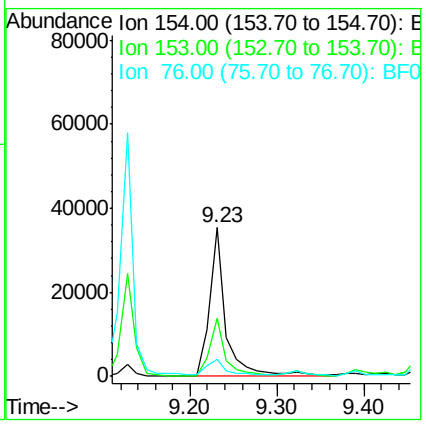


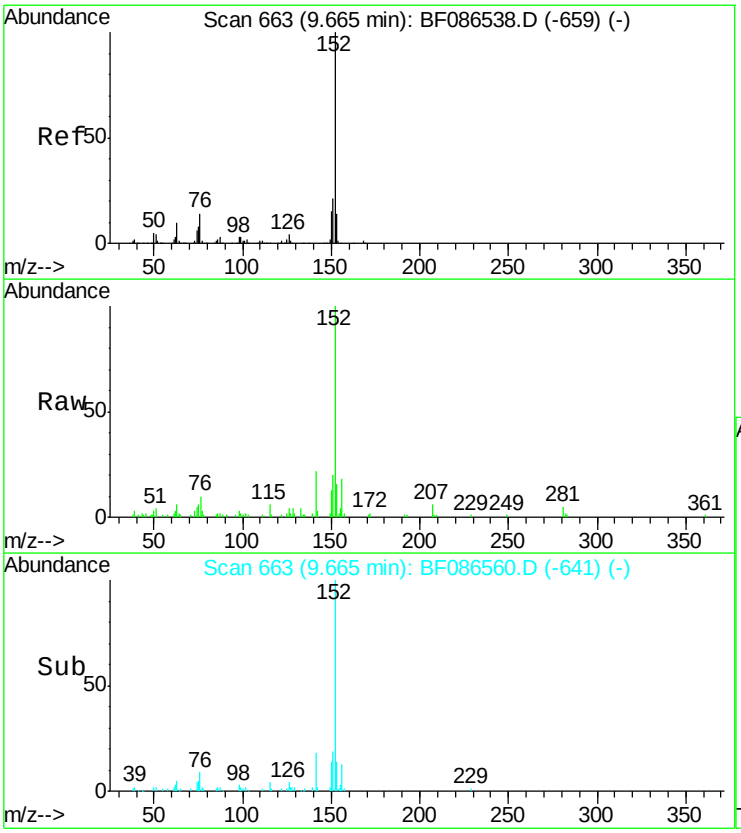
#45
1,1'-Biphenyl
Concen: 4.18 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:154 Resp: 47455

Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.3	60.3
76	11.5	0.0	30.2

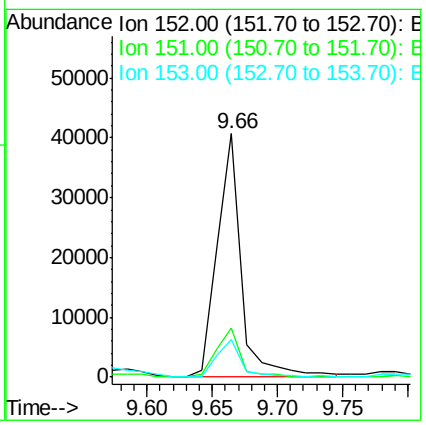


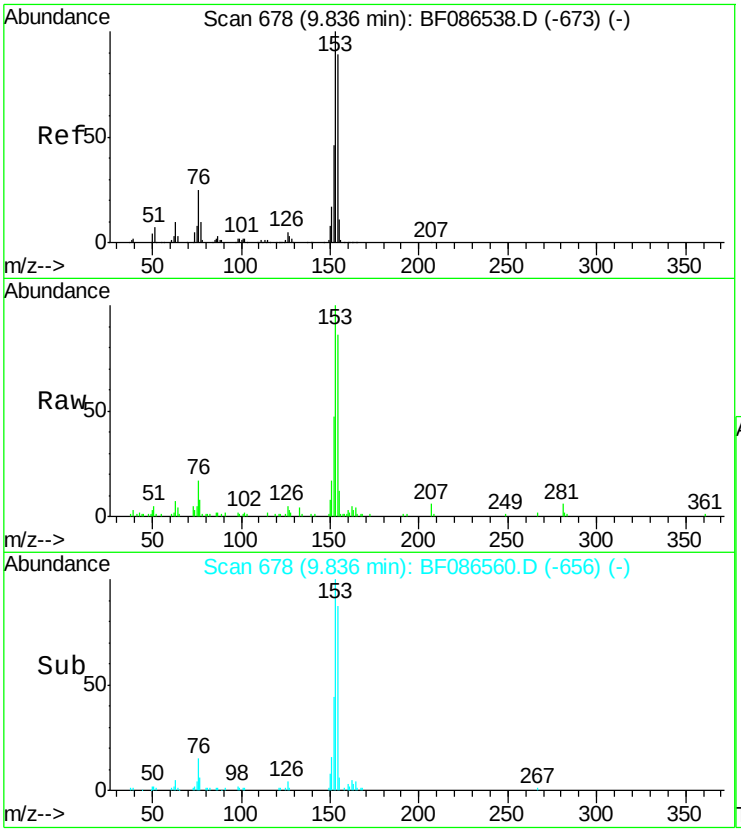


#48
Acenaphthylene
Concen: 3.89 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:152 Resp: 52526

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	15.6	10.9	16.3



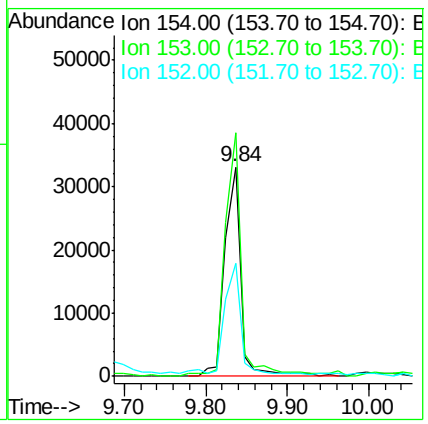


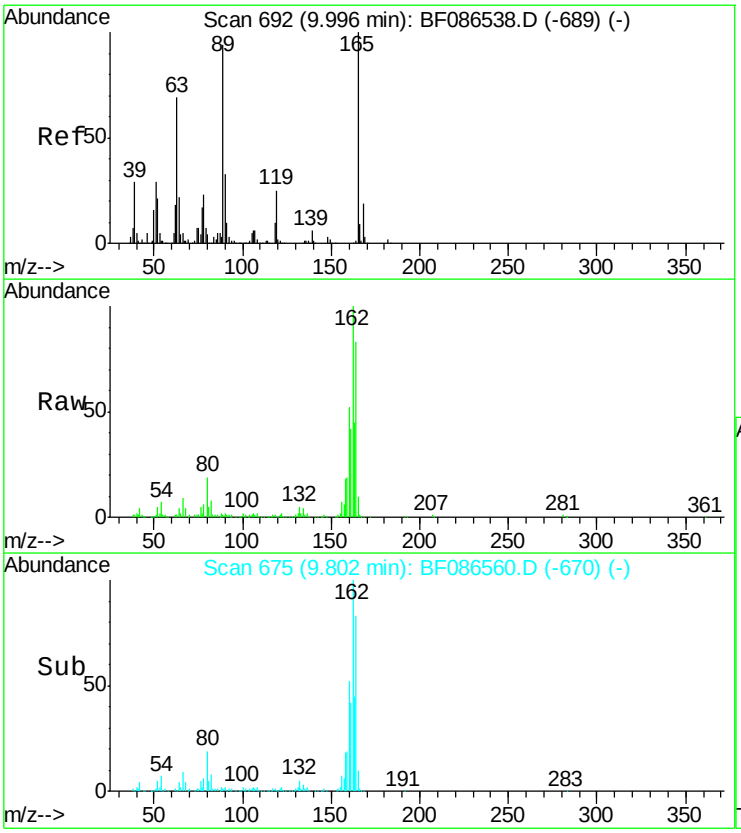
#51
Acenaphthene
Concen: 5.21 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:154 Resp: 45149

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.8	134.6
152	54.1	43.4	65.0

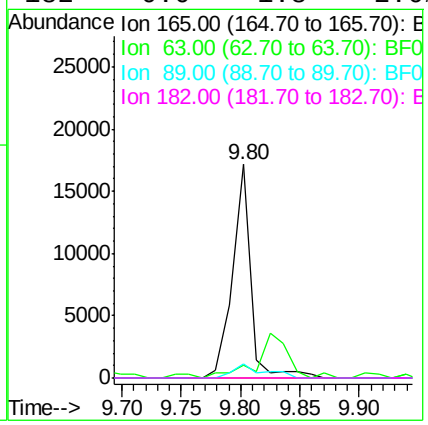


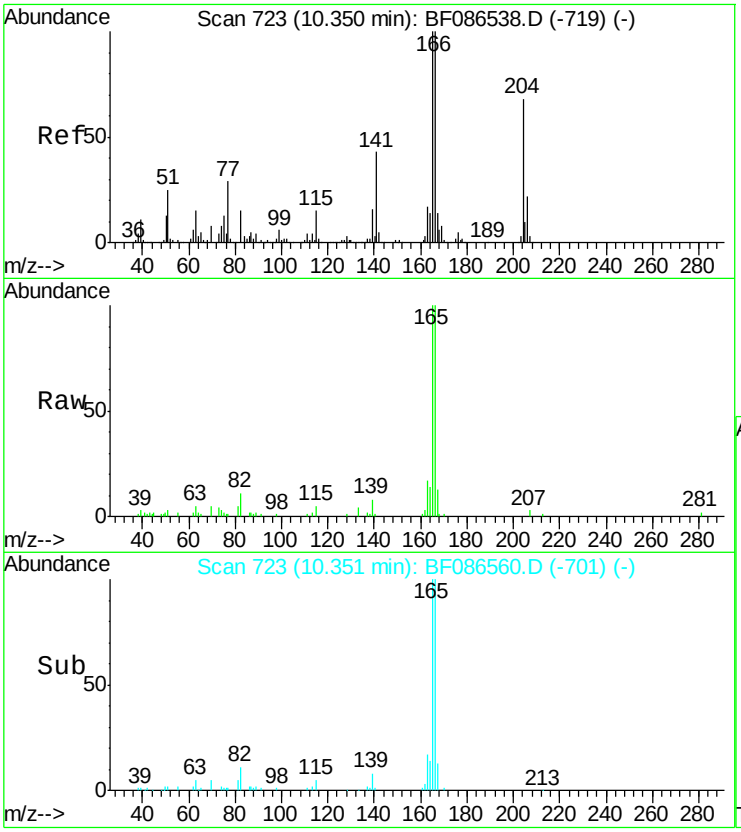


#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.24 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:165 Resp: 18331

Ion	Ratio	Lower	Upper
165	100		
63	5.8	44.3	66.5#
89	6.8	70.0	105.0#
182	0.0	1.8	2.6#



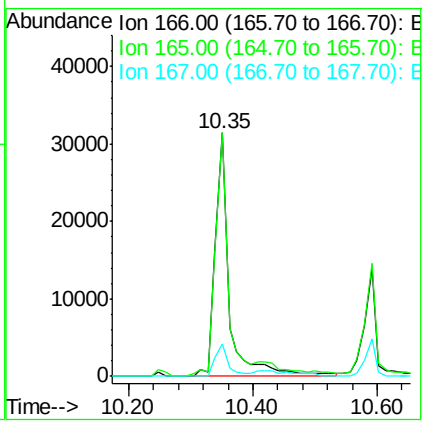


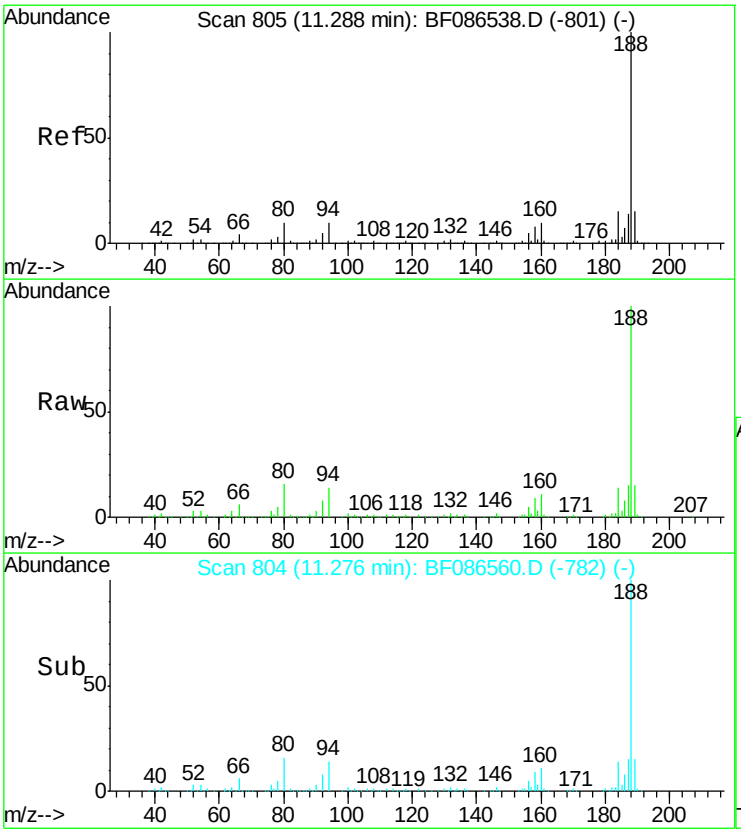
#57
Fluorene
Concen: 5.12 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:166 Resp: 48137

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.0	118.6
167	13.3	10.6	15.8

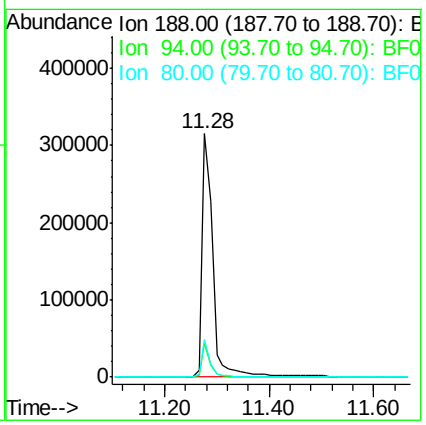


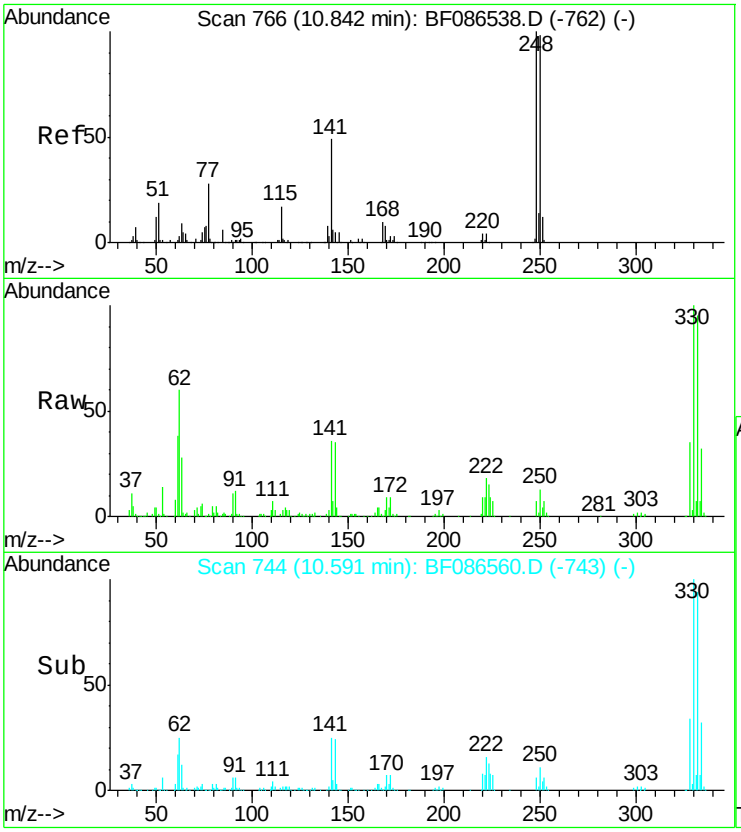


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:188 Resp: 451373

Ion	Ratio	Lower	Upper
188	100		
94	14.0	6.8	10.2#
80	15.5	7.1	10.7#



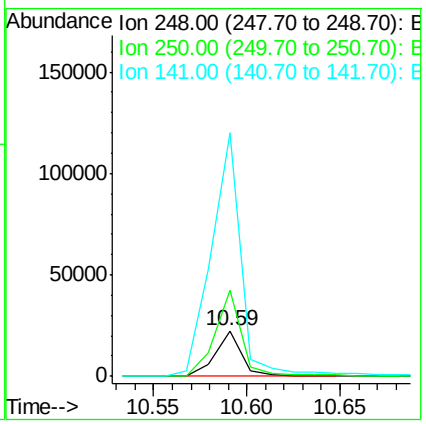


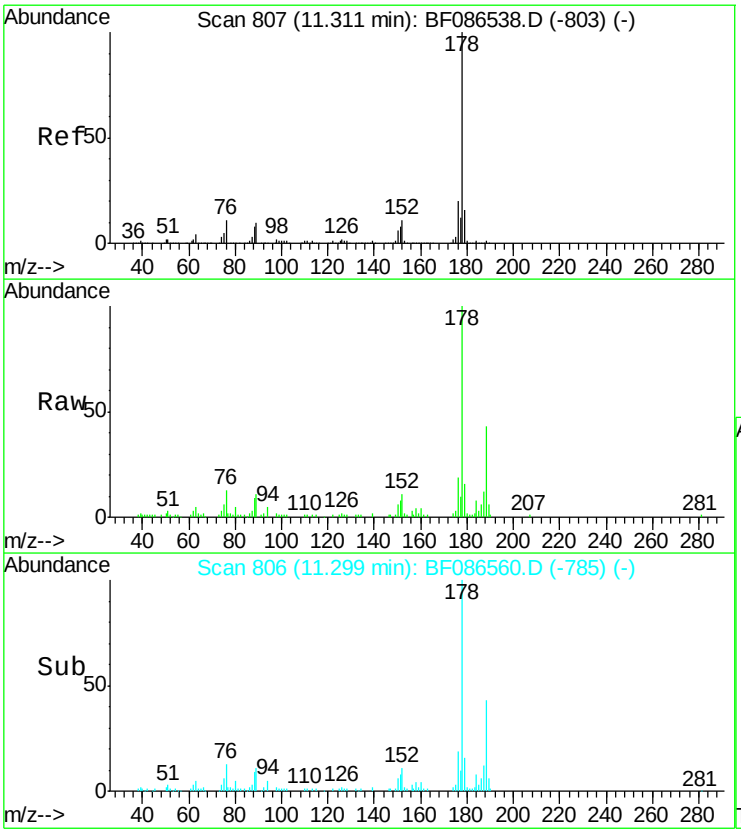
#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.29 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:248 Resp: 21968

Ion	Ratio	Lower	Upper
248	100		
250	189.7	78.6	117.8#
141	533.6	76.0	114.0#

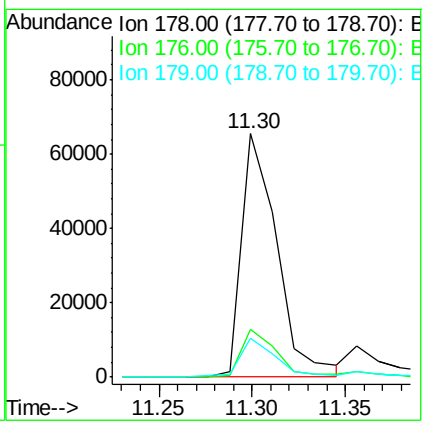


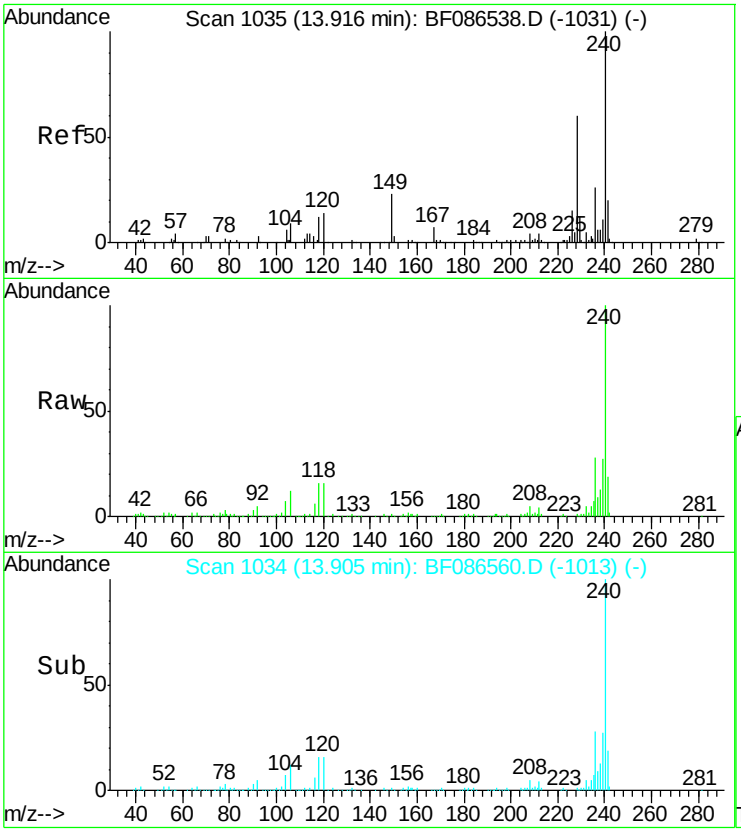


#70
Phenanthrene
Concen: 3.66 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.06 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:178 Resp: 86583

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.1	12.6	18.8



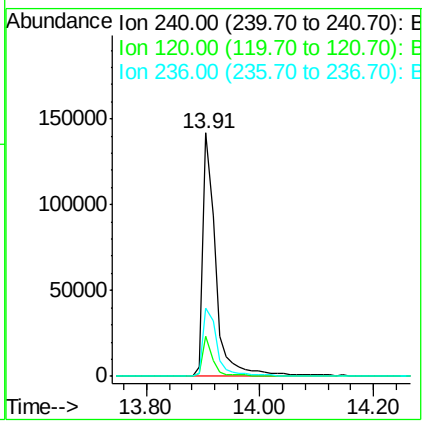


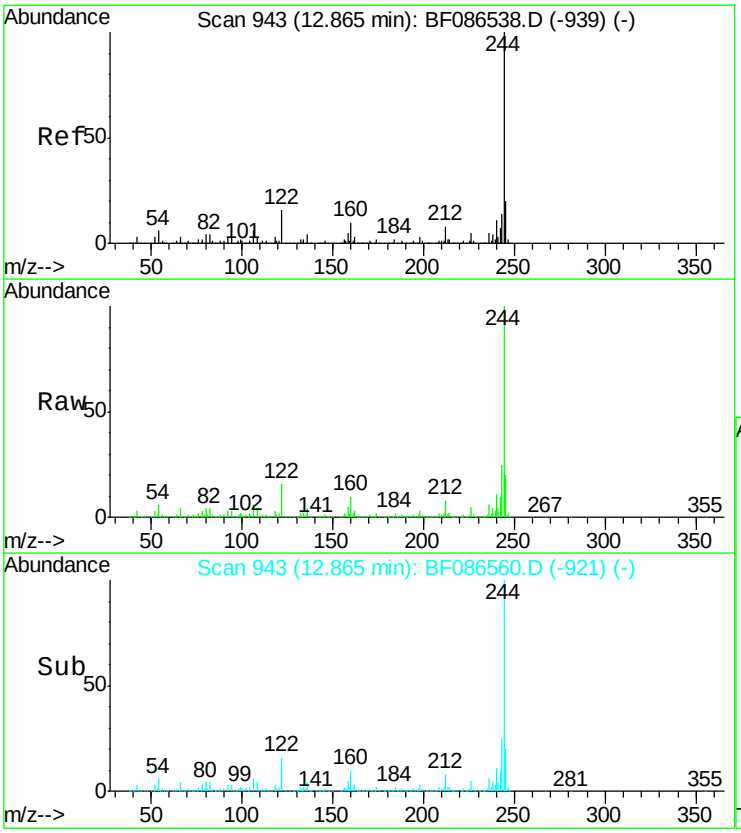
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:240 Resp: 214286

Ion	Ratio	Lower	Upper
240	100		
120	16.4	11.2	16.8
236	27.8	21.2	31.8

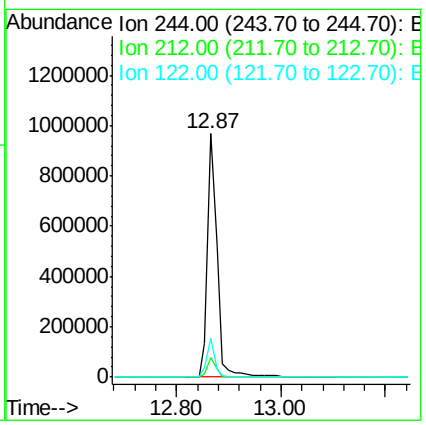


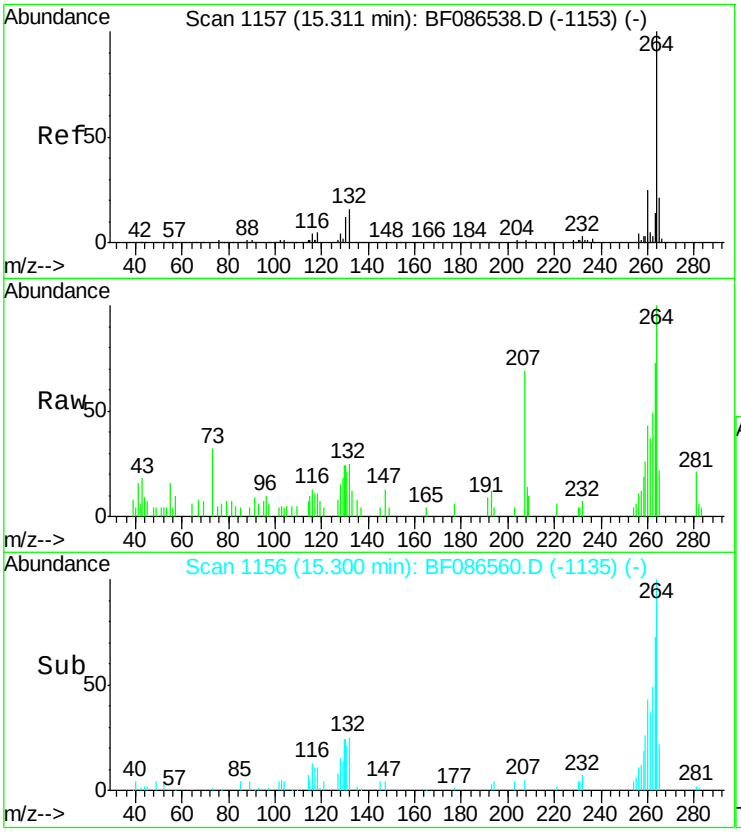


#78
Terphenyl-d14
Concen: 126.89 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:244 Resp: 1234153

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	15.8	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: BF086560.D
Acq: 1 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:264 Resp: 13759

Ion	Ratio	Lower	Upper
264	100		
260	43.2	19.5	29.3#
265	22.1	17.3	25.9