Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083743.D
Acq On : 13 Dec 2015 21:44
Operator : UM/IZ
Sample : G4648-25
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 02:33:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	84528	20.00	ng		0.01
21) Naphthalene-d8	8.20	136	430001	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	222397	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	398502	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	279489	20.00	ng		-0.02
86) Perylene-d12	15.49	264	234063	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	721647	137.73	ng		0.00
7) Phenol-d6	6.56	99	934683	140.86	ng		0.01
23) Nitrobenzene-d5	7.48	82	622093	80.94	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	294167	129.81	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1177621	74.84	ng		-0.01
78) Terphenyl-d14	13.01	244	1015613	78.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	212	0.08	ng	#	1
6) Aniline	6.62	93	14109	1.57	ng	#	1
8) 2-Chlorophenol	6.74	128	2693	0.44	ng	#	55
9) Benzaldehyde	6.46	77	221204	62.08	ng	#	1
10) Phenol	6.56	94	16444	2.15	ng	#	1
11) bis(2-Chloroethyl)ether	6.66	93	1739	0.31	ng	#	1
15) Benzyl Alcohol	7.10	79	41983	8.61	ng	#	33
16) 2,2'-oxybis(1-Chloropropan	7.22	45	268	0.04	ng	#	1
17) 2-Methylphenol	7.22	107	12882	2.60	ng	#	1
18) Hexachloroethane	7.47	117	146849	62.62	ng	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	111551	27.46	ng	#	62
20) 3+4-Methylphenols	7.33	107	7134	1.22	ng	#	1
22) Acetophenone	7.33	105	793913	75.26	ng	#	55
24) Nitrobenzene	7.50	77	39253	4.91	ng	#	51
25) Isophorone	7.74	82	85371	5.66	ng	#	1
26) 2-Nitrophenol	7.84	139	9356	2.43	ng	#	1
27) 2,4-Dimethylphenol	7.87	122	16396	2.17	ng	#	1
28) bis(2-Chloroethoxy)methane	7.95	93	9579	1.11	ng	#	1
29) 2,4-Dichlorophenol	8.06	162	8464	1.37	ng	#	41
31) Naphthalene	8.22	128	445873	19.89	ng		98
32) Benzoic acid	8.01	122	4532	0.96	ng	#	1
33) 4-Chloroaniline	8.22	127	71079	7.76	ng	#	37
35) Caprolactam	8.64	113	2717	1.36	ng	#	68
36) 4-Chloro-3-methylphenol	8.75	107	2636	0.36	ng	#	26
37) 2-Methylnaphthalene	8.91	142	28219	2.01	ng		98
45) 1,1'-Biphenyl	9.38	154	1413	0.07	ng		88
47) 2-Nitroaniline	9.40	65	232	0.06	ng	#	14
48) Acenaphthylene	9.81	152	229	0.01	ng	#	60
49) Dimethylphthalate	9.66	163	363892	20.99	ng		99
50) 2,6-Dinitrotoluene	9.66	165	4233	1.15	ng	#	16
51) Acenaphthene	9.95	154	909	0.06	ng	#	4
54) Dibenzofuran	10.16	168	998	0.05	ng	#	65
55) 4-Nitrophenol	10.16	139	350	0.11	ng	#	28
56) 2,4-Dinitrotoluene	9.95	165	29294	6.09	ng	#	13

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083743.D
Acq On : 13 Dec 2015 21:44
Operator : UM/IZ
Sample : G4648-25
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 02:33:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Fluorene	10.74	166	14102	0.91	ng	#	91
59) Diethylphthalate	10.37	149	10364	0.59	ng	#	92
62) Azobenzene	10.66	77	618	0.04	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.74	198	625	0.28	ng	#	1
65) n-Nitrosodiphenylamine	10.61	169	1422	0.10	ng	#	53
66) 4-Bromophenyl-phenylether	10.74	248	21315	4.78	ng	#	1
70) Phenanthrene	11.45	178	2806	0.13	ng	#	93
71) Anthracene	11.50	178	345	0.02	ng	#	60
72) Carbazole	11.65	167	438	0.02	ng	#	60
73) Di-n-butylphthalate	12.00	149	3295	0.13	ng	#	93
74) Fluoranthene	12.64	202	786	0.04	ng		59
77) Pyrene	12.87	202	668	0.03	ng	#	57
79) Butylbenzylphthalate	13.49	149	671	0.07	ng	#	84
80) Benzo(a)anthracene	14.05	228	1797	0.11	ng	#	51
82) Chrysene	14.05	228	1797	0.12	ng	#	49
83) Bis(2-ethylhexyl)phthalate	14.05	149	9745	0.90	ng	#	98
84) Di-n-octyl phthalate	14.69	149	2162	0.13	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	235	0.02	ng	#	59
88) Benzo(k)fluoranthene	15.11	252	219	0.02	ng	#	57
89) Benzo(a)pyrene	15.49	252	385	0.03	ng	#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
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Sample : G4648-25
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
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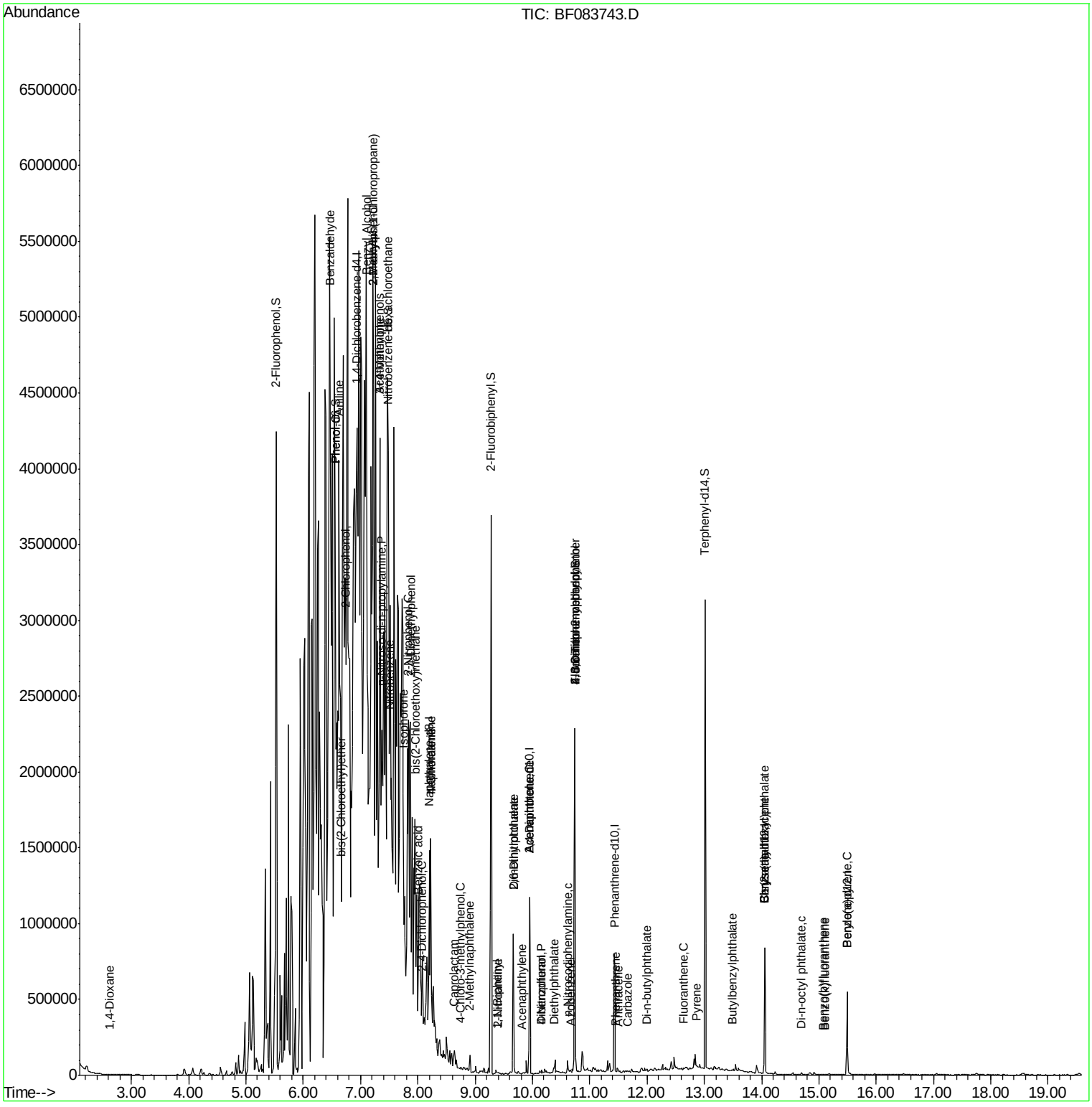
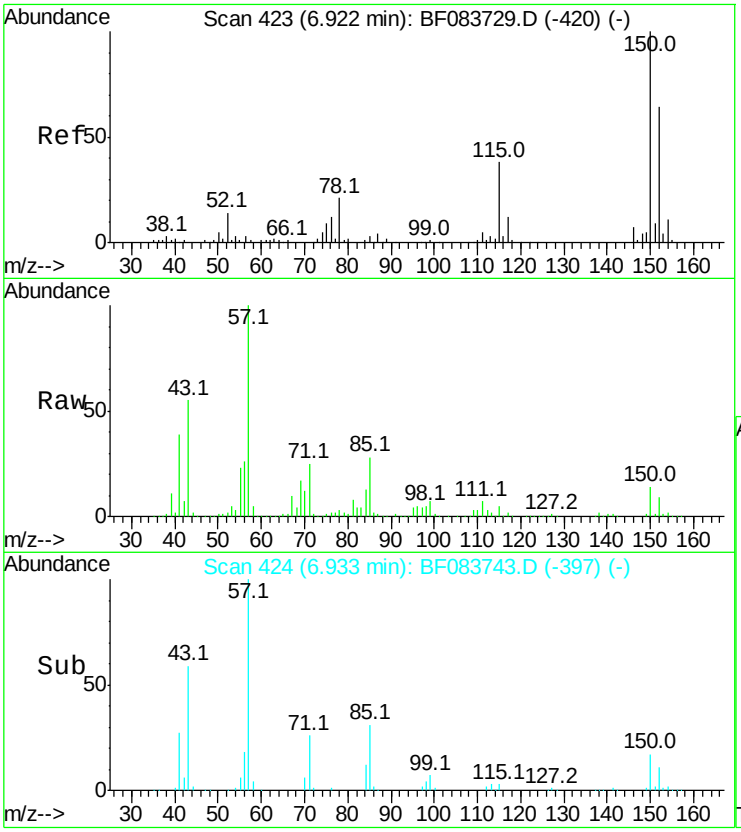
Quant Time: Dec 14 02:33:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



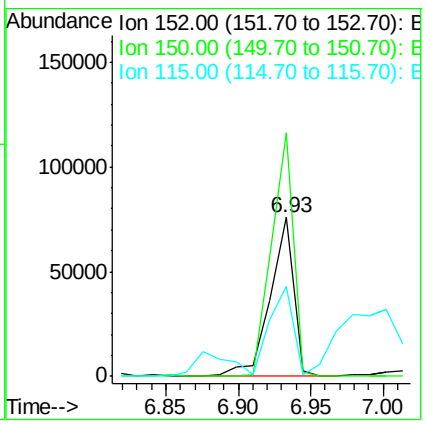


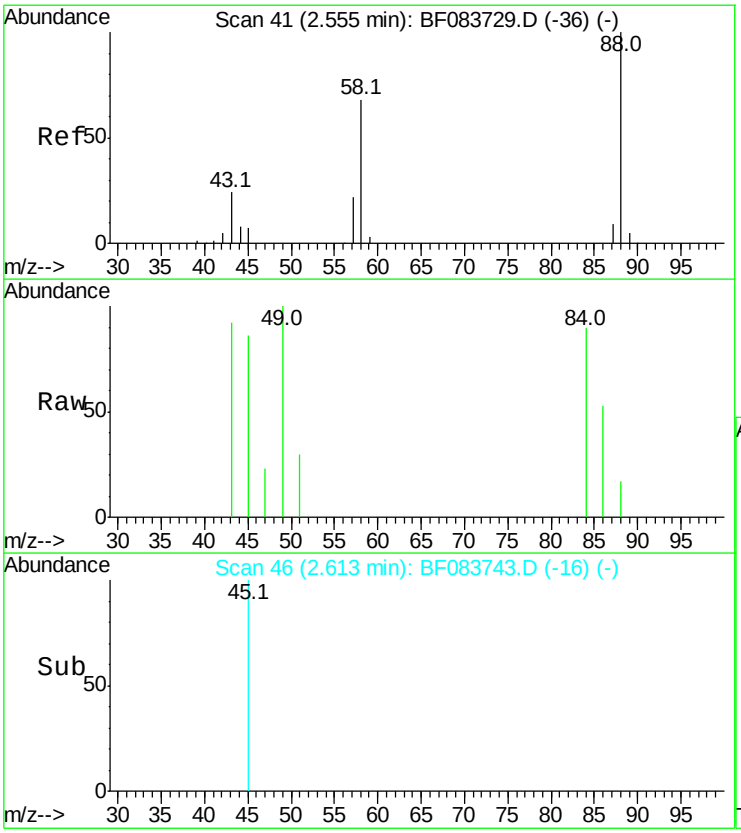
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84528

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.5	189.7
115	56.6	52.3	78.5

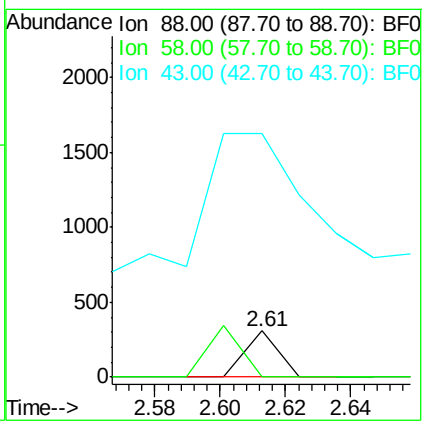


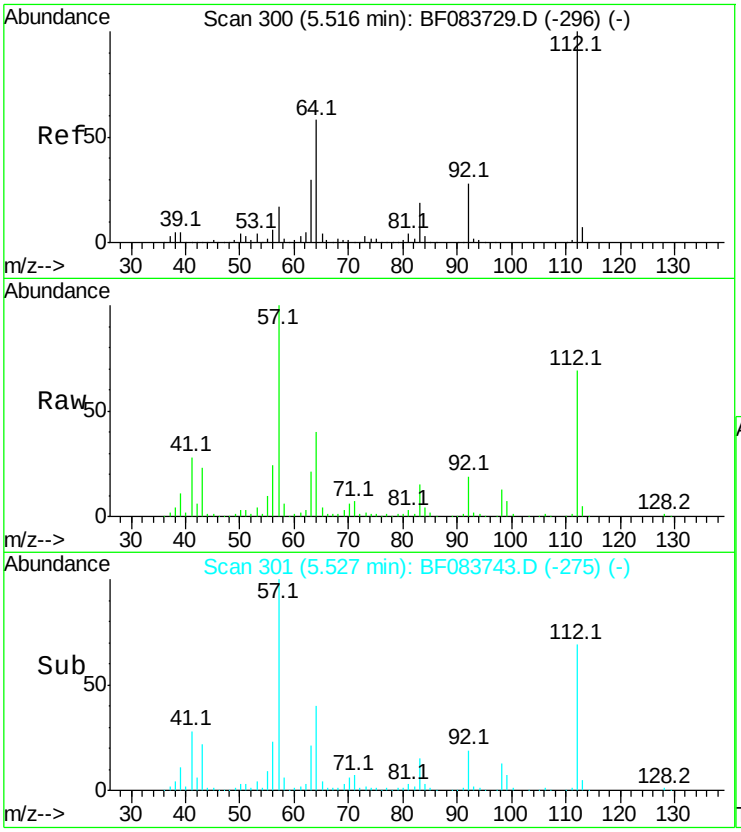


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion: 88 Resp: 212

Ion	Ratio	Lower	Upper
88	100		
58	112.7	68.0	102.0#
43	1338.2	27.9	41.9#



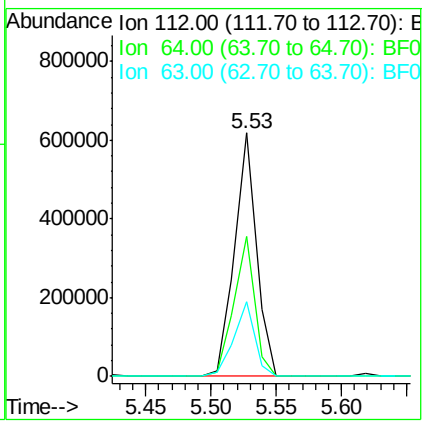


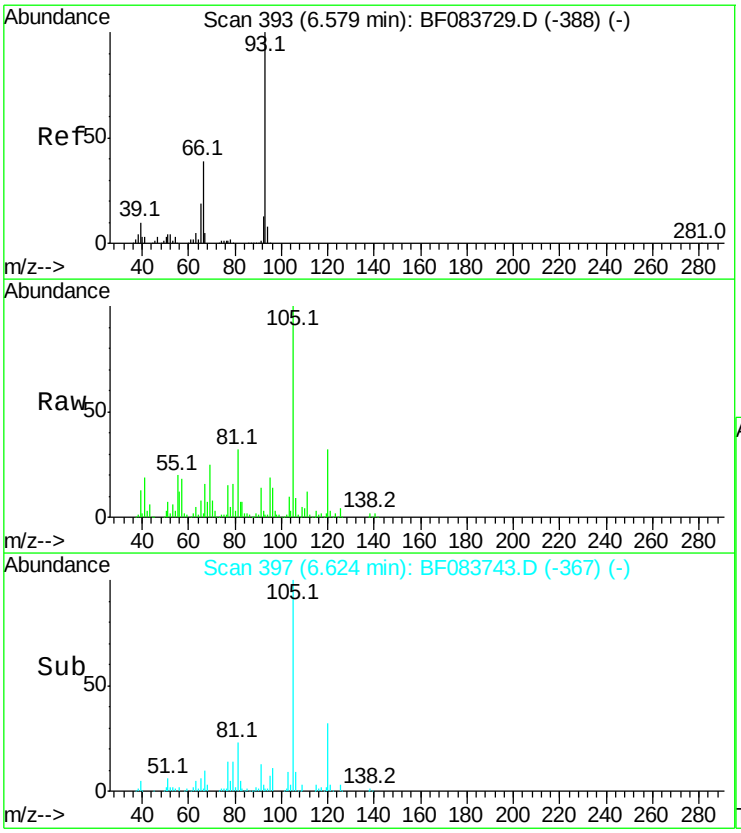
#5
2-Fluorophenol
Concen: 137.73 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 721647

Ion	Ratio	Lower	Upper
112	100		
64	57.3	50.5	75.7
63	30.6	25.8	38.6

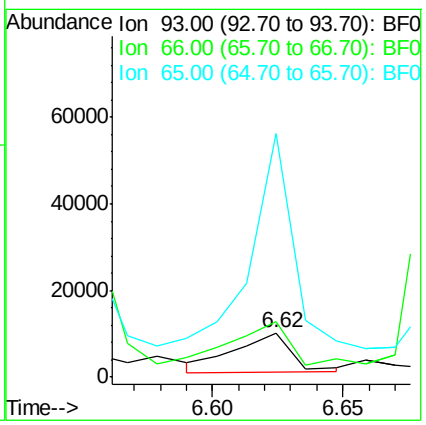


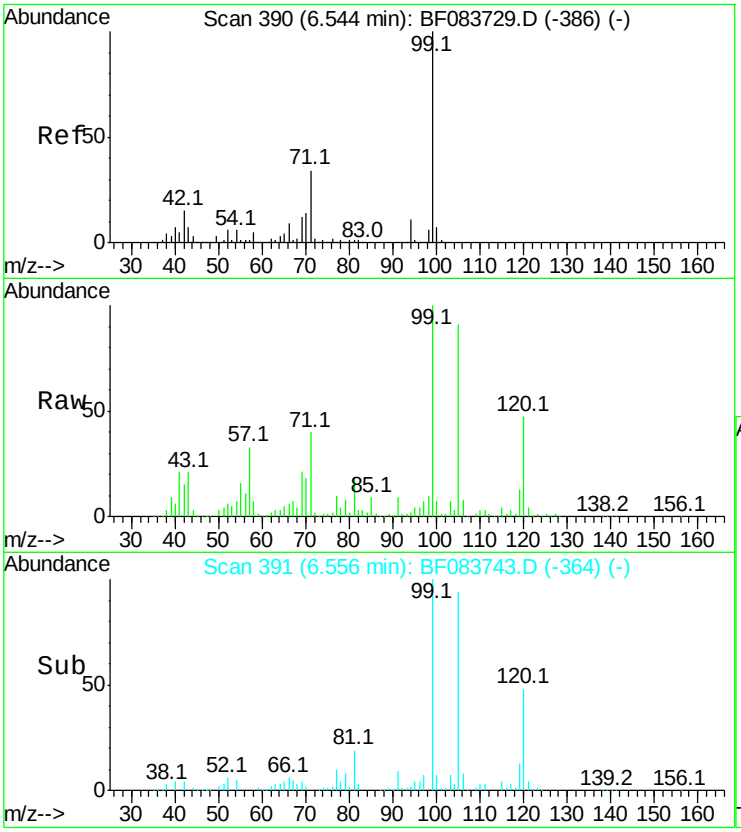


#6
Aniline
Concen: 1.57 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion: 93 Resp: 14109

Ion	Ratio	Lower	Upper
93	100		
66	127.3	41.3	61.9#
65	552.9	20.8	31.2#



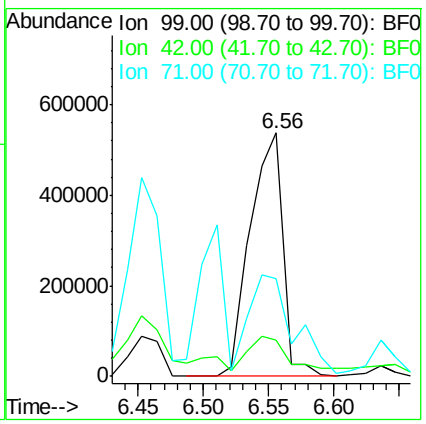


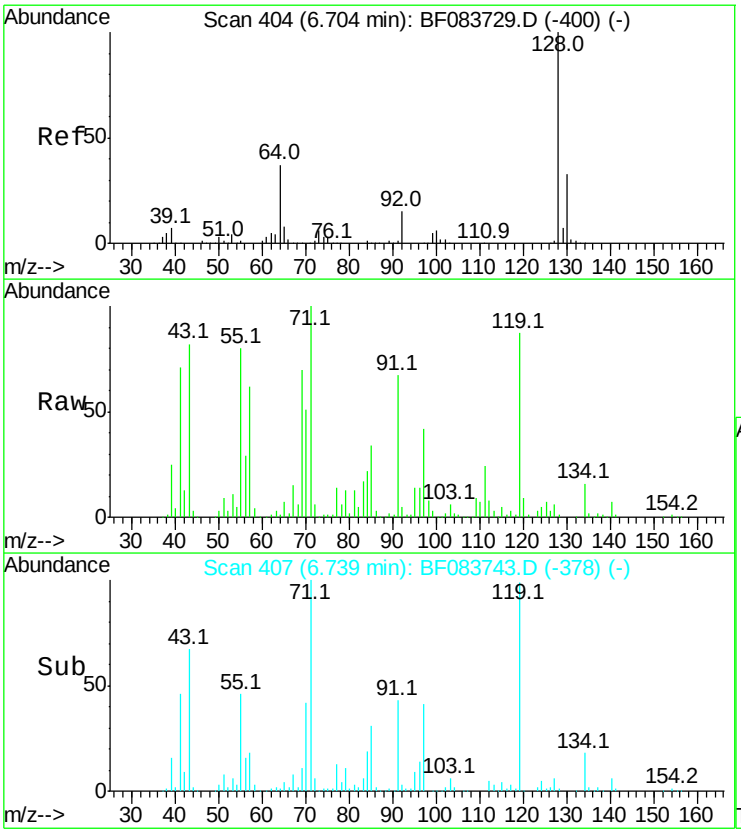
#7
Phenol-d6
Concen: 140.86 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 934683

Ion	Ratio	Lower	Upper
99	100		
42	14.9	17.3	25.9#
71	40.2	26.6	40.0#

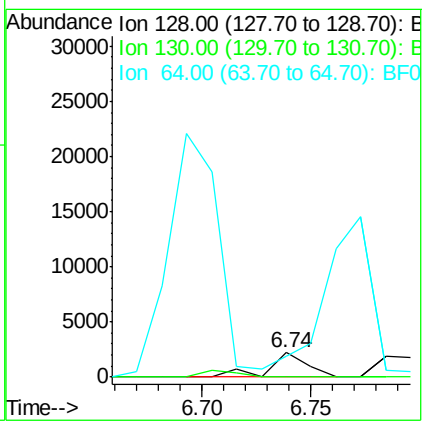


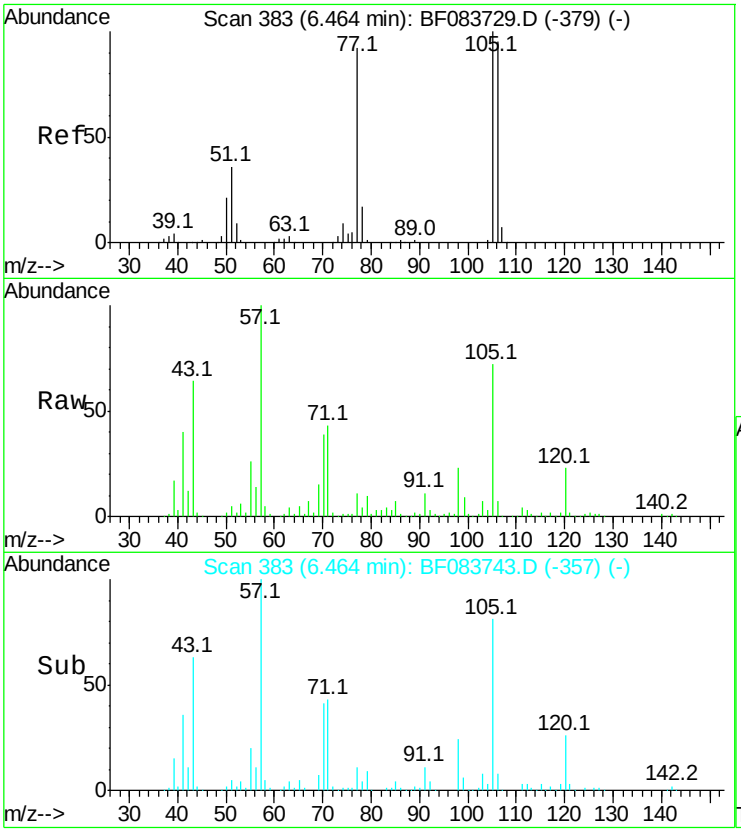


#8
2-Chlorophenol
Concen: 0.44 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:128 Resp: 2693

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.6	52.6#
64	87.3	38.6	78.6#



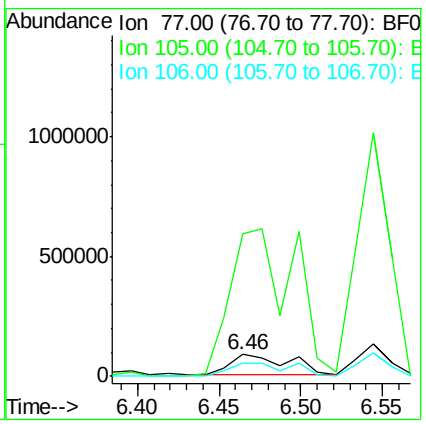


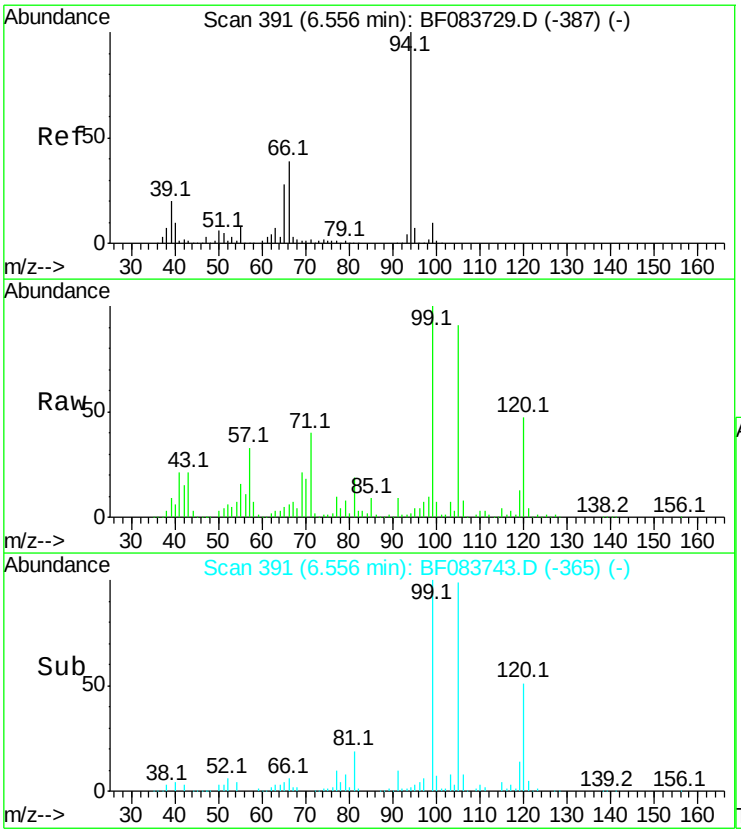
#9
Benzaldehyde
Concen: 62.08 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 221204

Ion	Ratio	Lower	Upper
77	100		
105	655.1	71.8	111.8#
106	62.6	66.8	106.8#

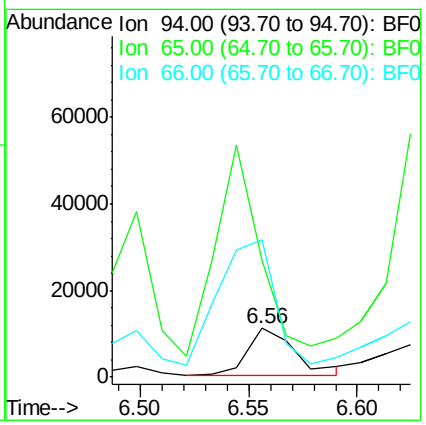


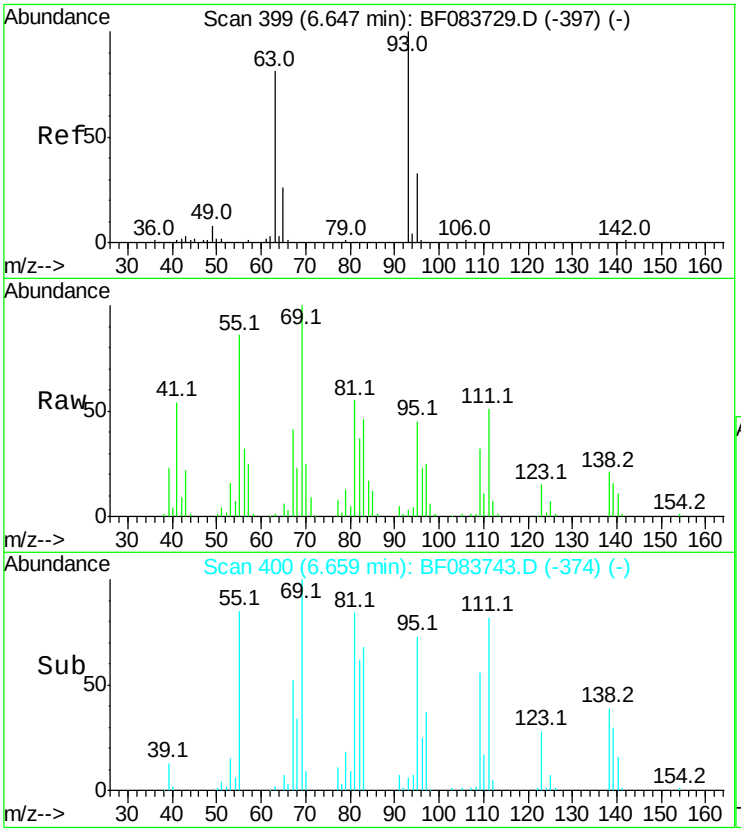


#10
Phenol
Concen: 2.15 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion: 94 Resp: 16444

Ion	Ratio	Lower	Upper
94	100		
65	239.4	20.9	60.9#
66	282.9	41.6	81.6#



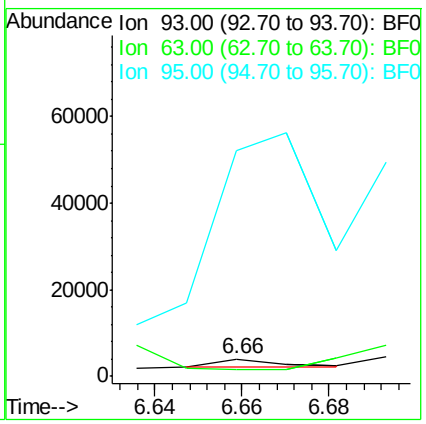


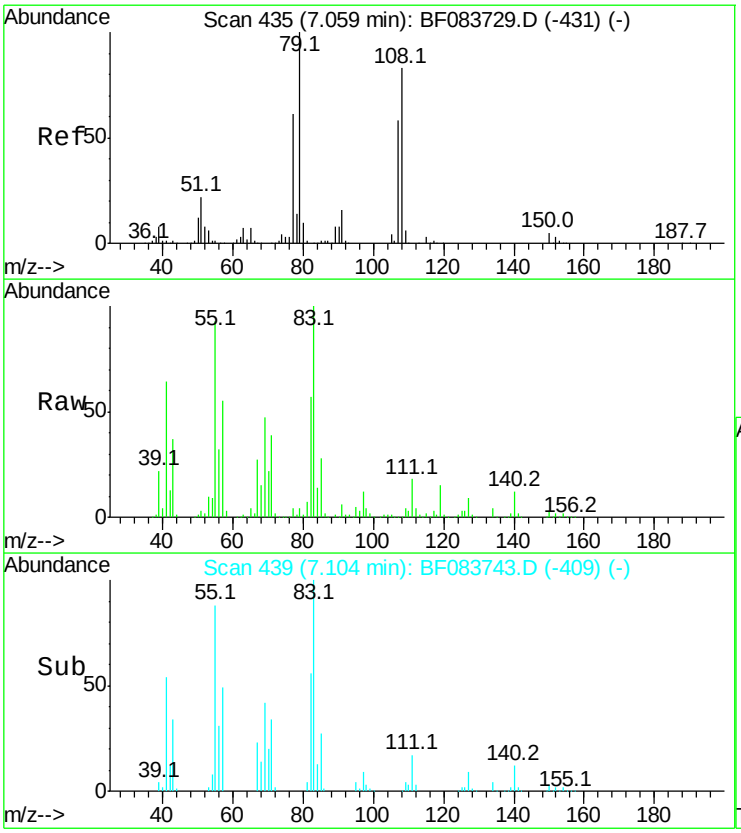
#11
bis(2-Chloroethyl)ether
Concen: 0.31 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1739

Ion	Ratio	Lower	Upper
93	100		
63	35.3	64.7	104.7#
95	1290.4	12.7	52.7#

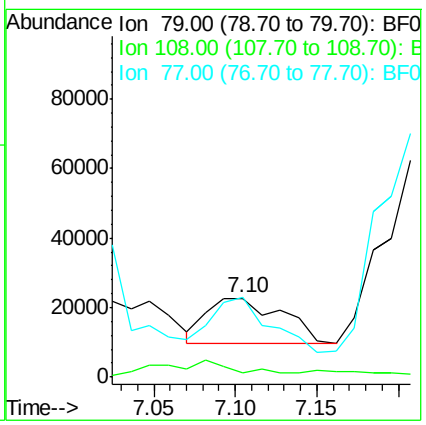


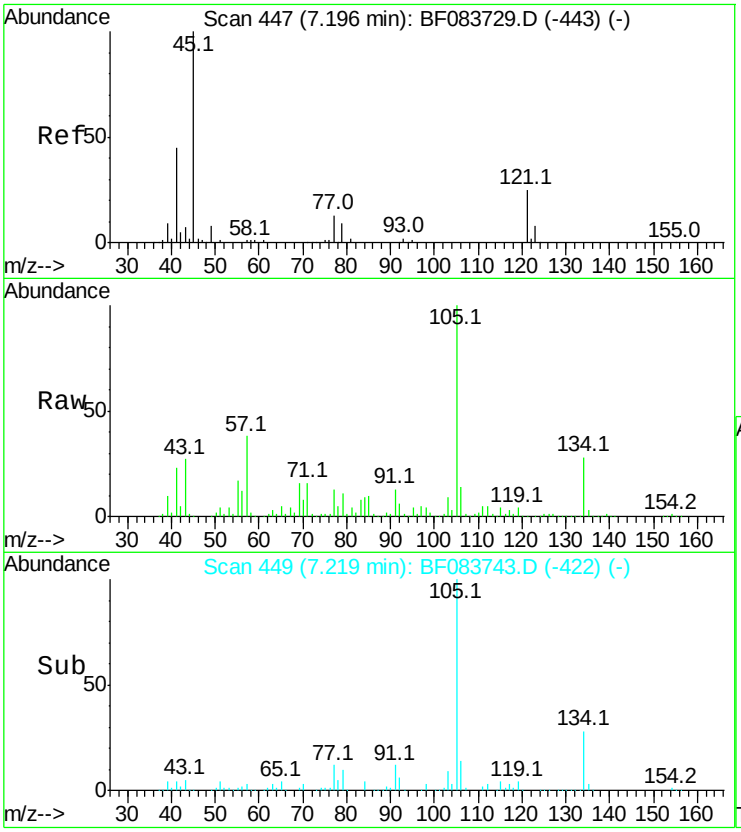


#15
Benzyl Alcohol
Concen: 8.61 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion: 79 Resp: 41983

Ion	Ratio	Lower	Upper
79	100		
108	6.2	59.6	89.4#
77	101.6	49.8	74.6#



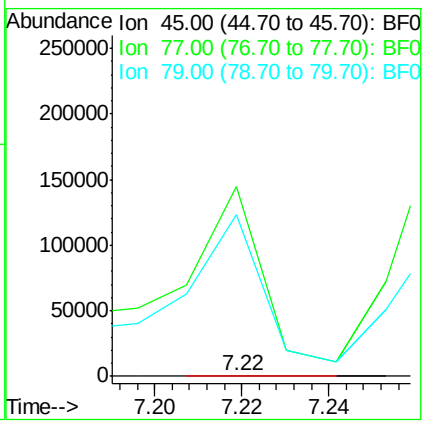


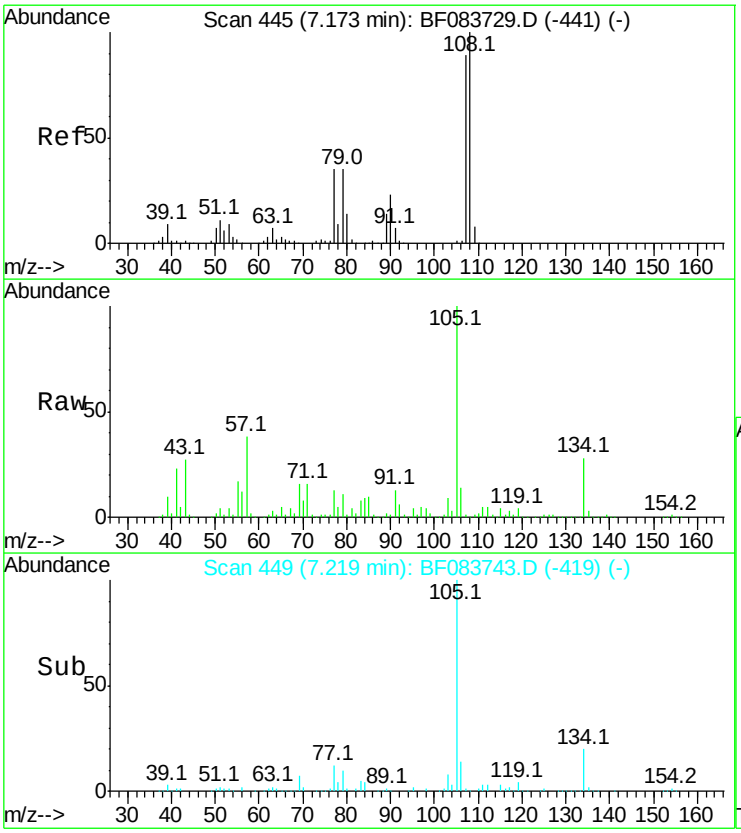
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.04 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 268

Ion	Ratio	Lower	Upper
45	100		
77	36926.9	12.8	52.8#
79	31633.8	10.7	50.7#

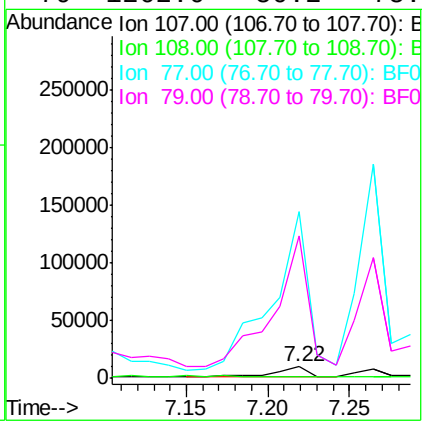


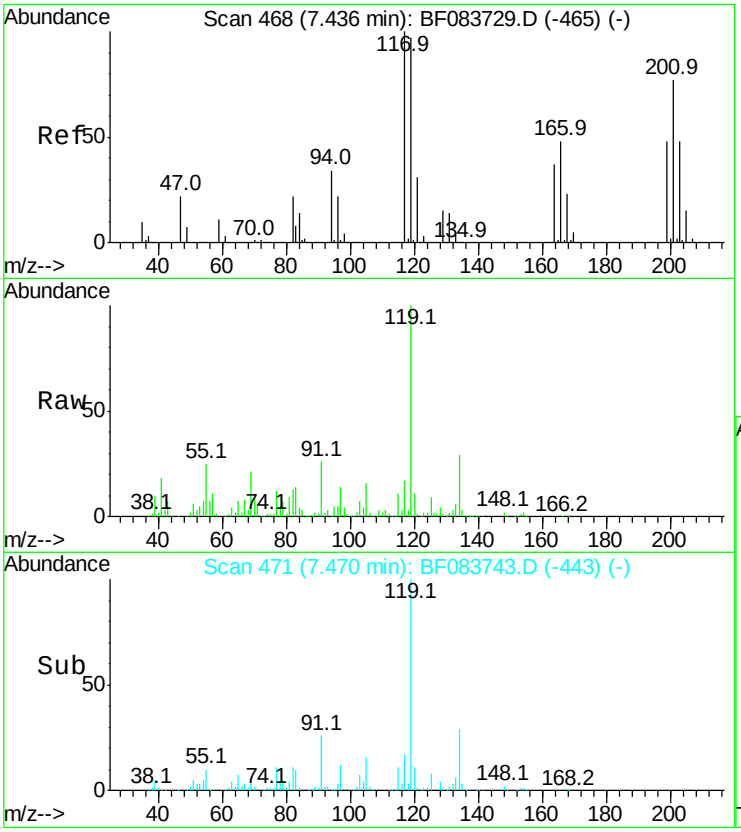


#17
2-Methylphenol
Concen: 2.60 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:107 Resp: 12882

Ion	Ratio	Lower	Upper
107	100		
108	7.8	91.6	137.4#
77	1473.2	53.7	80.5#
79	1262.0	50.2	75.4#



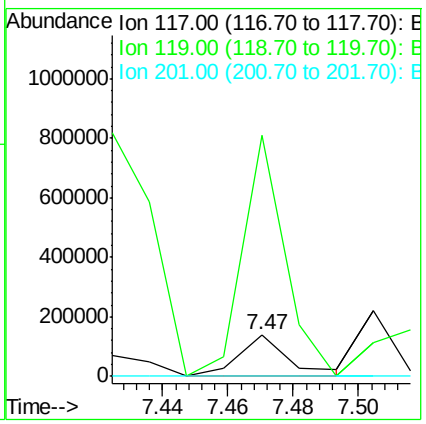


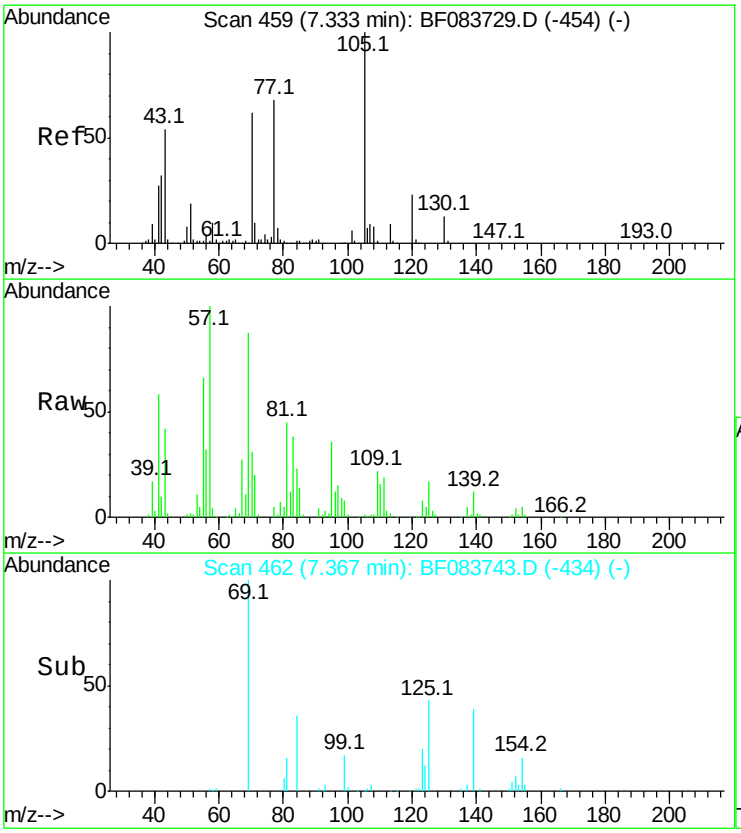
#18
Hexachloroethane
Concen: 62.62 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 146849

Ion	Ratio	Lower	Upper
117	100		
119	579.4	77.2	115.8#
201	0.0	86.8	130.2#

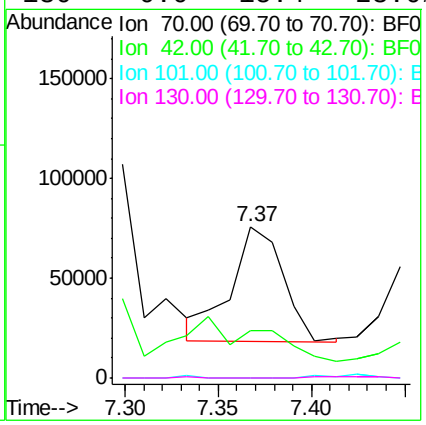


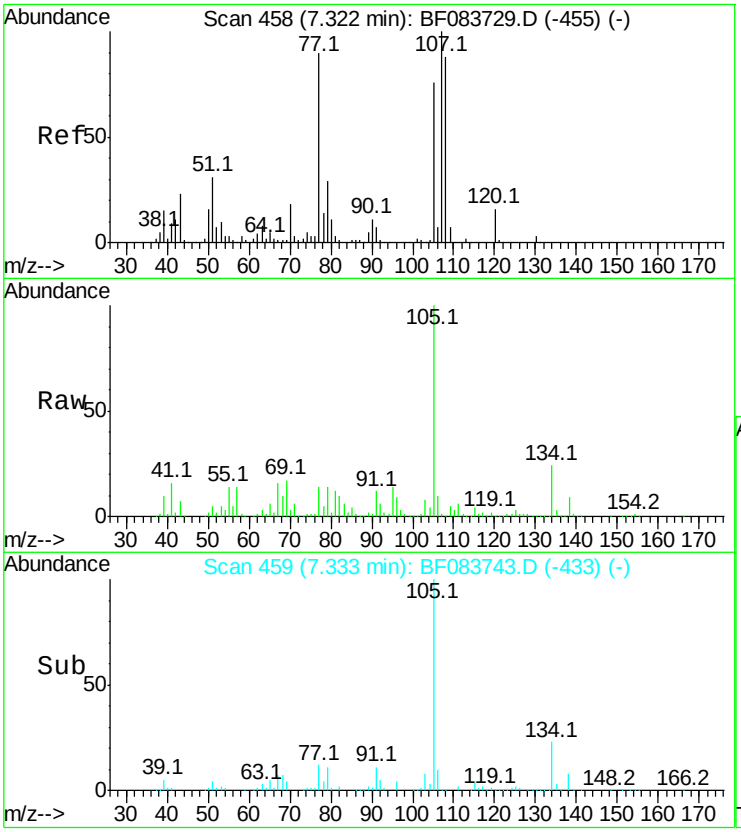


#19
n-Nitroso-di-n-propylamine
Concen: 27.46 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion: 70 Resp: 111551

Ion	Ratio	Lower	Upper
70	100		
42	31.7	49.2	73.8#
101	0.0	7.1	10.7#
130	0.0	15.4	23.0#



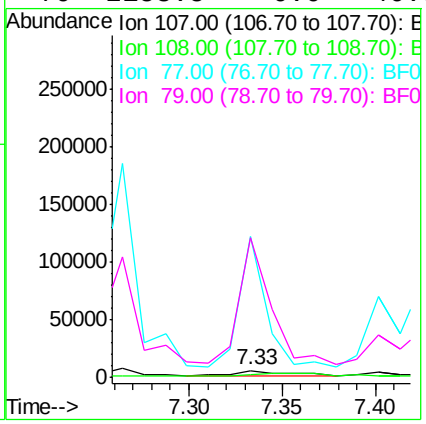


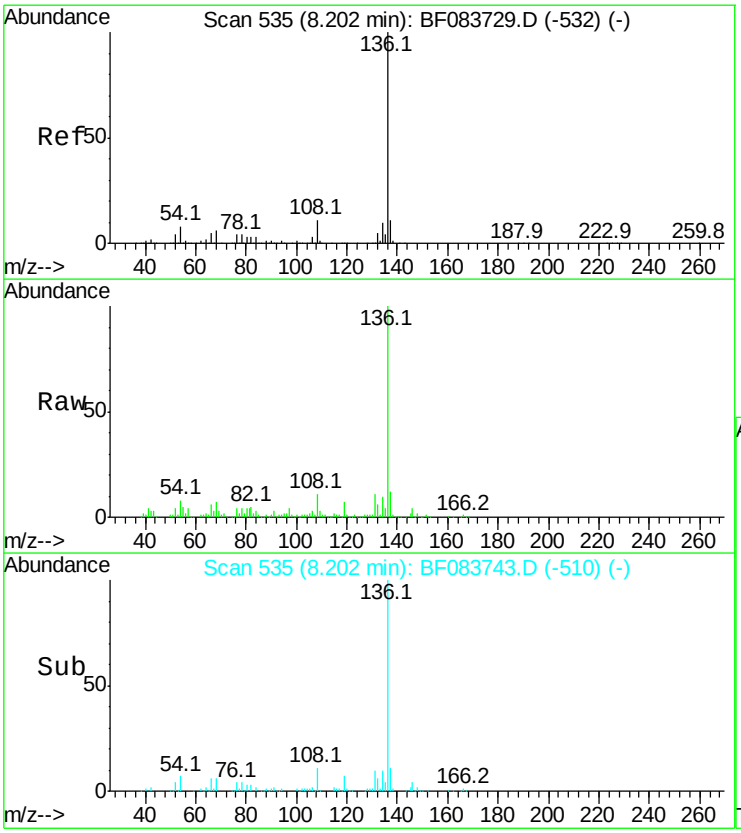
#20
3+4-Methylphenols
Concen: 1.22 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 7134

Ion	Ratio	Lower	Upper
107	100		
108	33.7	65.2	105.2#
77	2172.2	15.2	55.2#
79	2153.5	6.0	46.0#

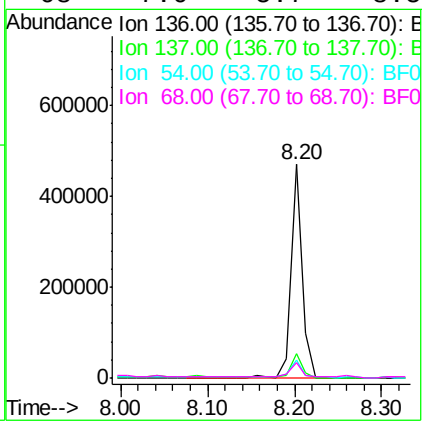


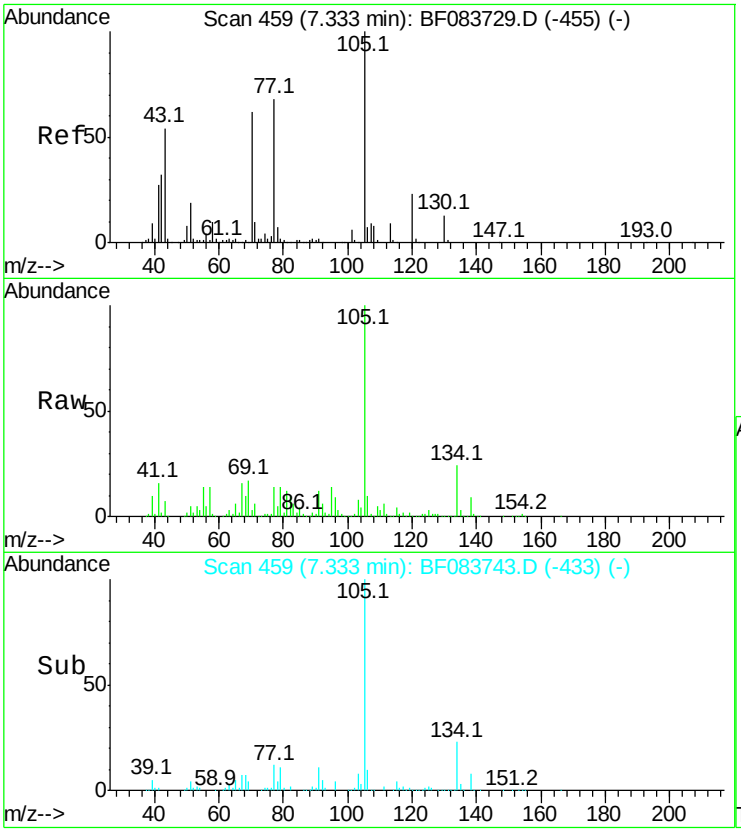


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:136 Resp: 430001

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	8.1	7.8	11.6
68	7.0	5.7	8.5



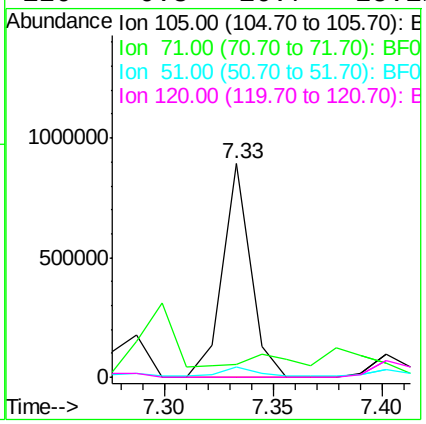


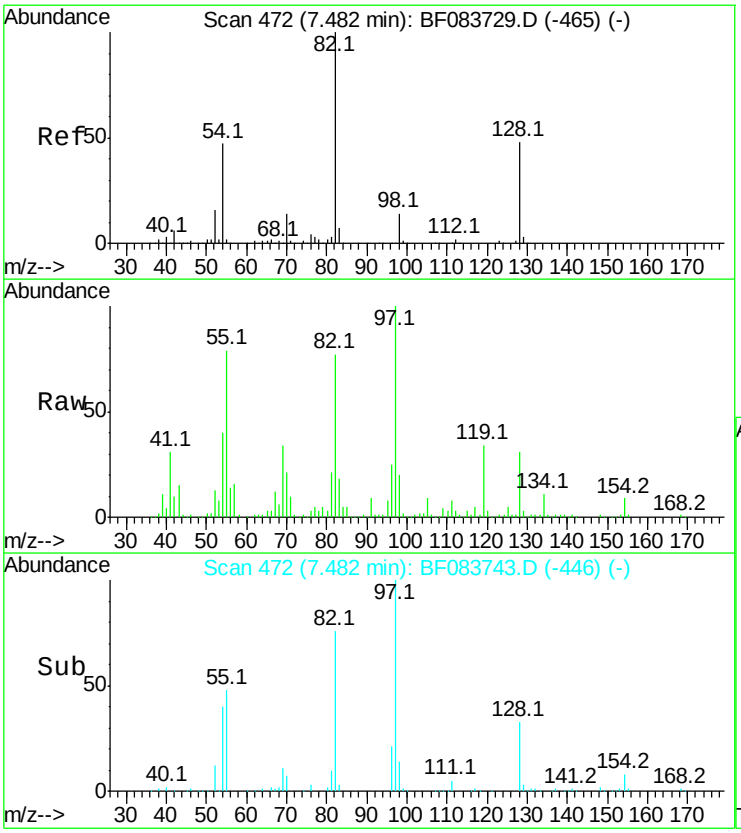
#22
Acetophenone
Concen: 75.26 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 793913

Ion	Ratio	Lower	Upper
105	100		
71	5.9	1.3	1.9#
51	4.6	23.8	35.8#
120	0.3	16.7	25.1#

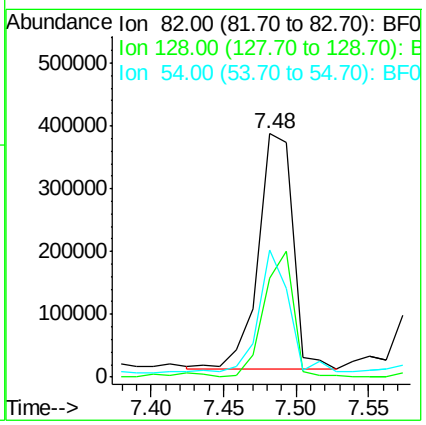


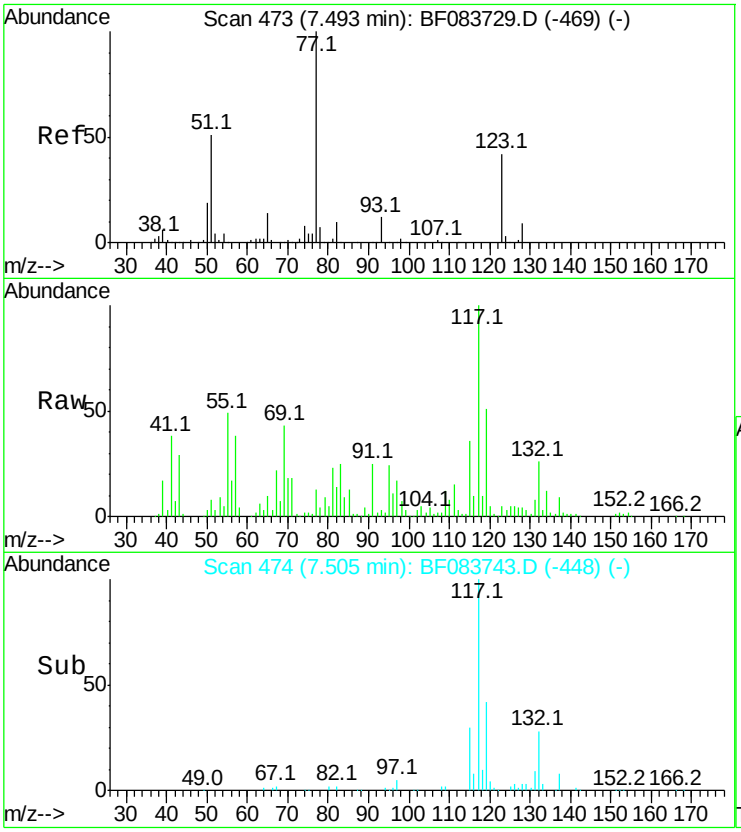


#23
Nitrobenzene-d5
Concen: 80.94 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion: 82 Resp: 622093

Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.7	46.1
54	52.3	42.5	63.7



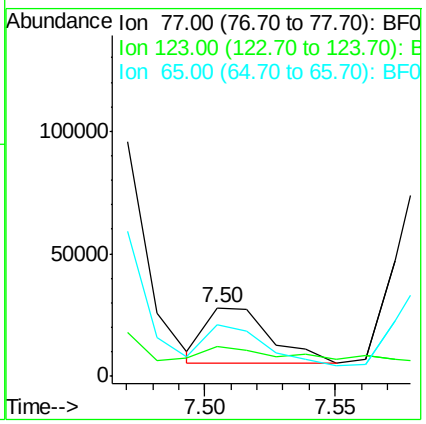


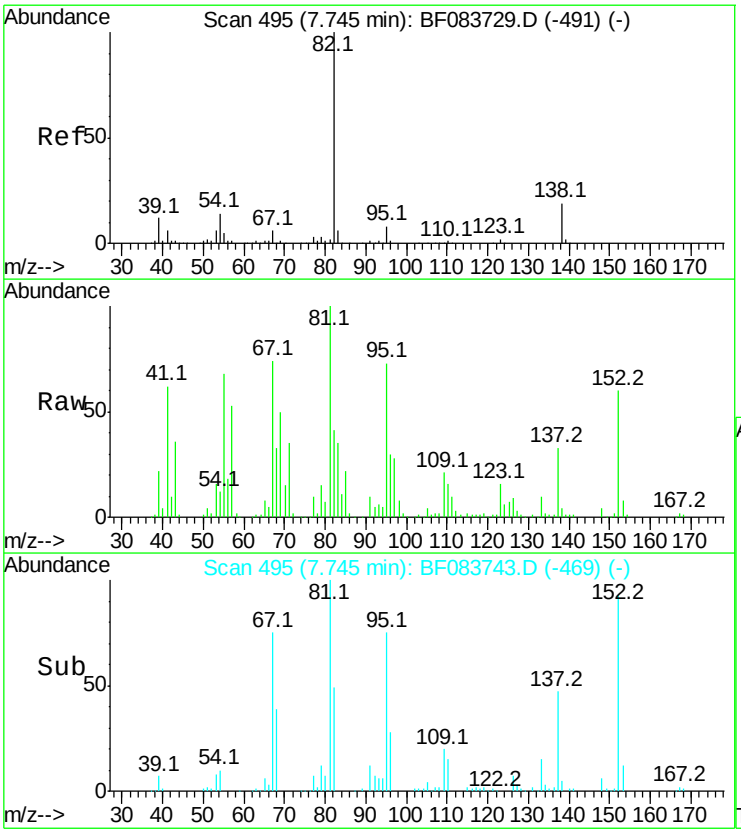
#24
Nitrobenzene
Concen: 4.91 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 39253

Ion	Ratio	Lower	Upper
77	100		
123	43.3	29.8	44.6
65	76.0	11.1	16.7#

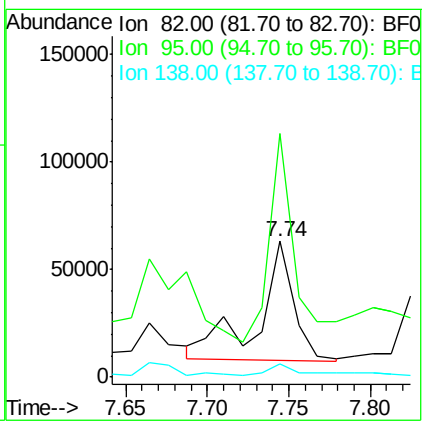


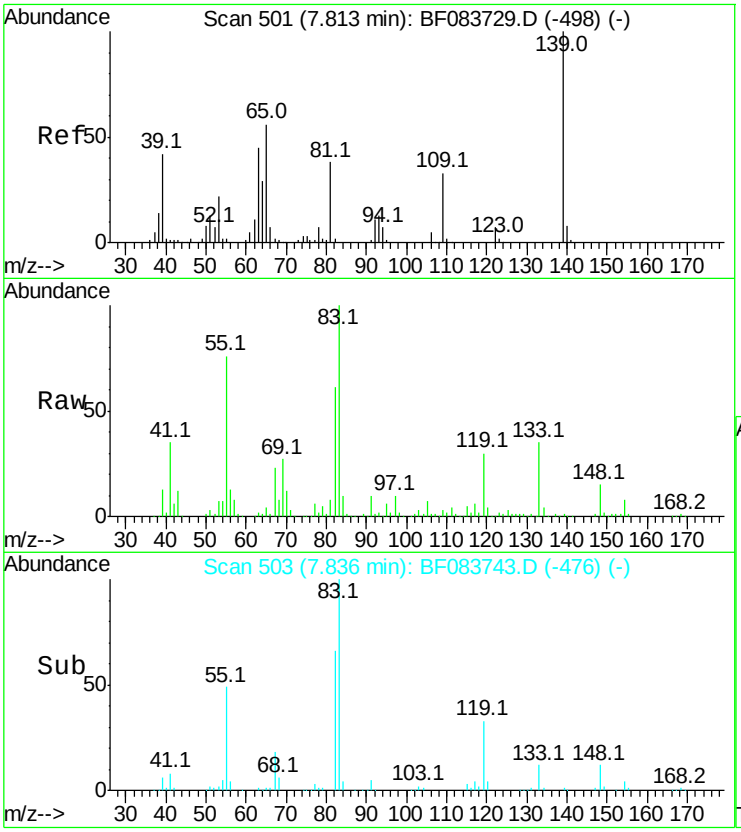


#25
Isophorone
Concen: 5.66 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion: 82 Resp: 85371

Ion	Ratio	Lower	Upper
82	100		
95	179.0	5.0	7.4#
138	9.9	12.1	18.1#



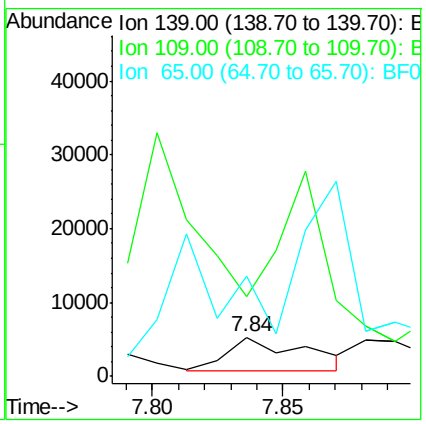


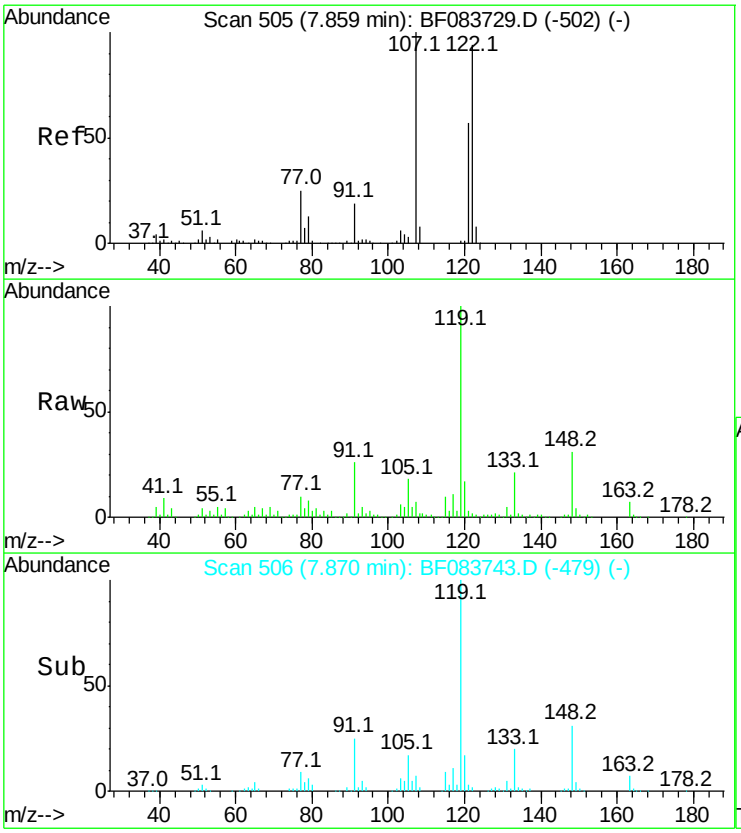
#26
2-Nitrophenol
Concen: 2.43 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 9356

Ion	Ratio	Lower	Upper
139	100		
109	206.2	22.7	34.1#
65	258.5	51.8	77.8#

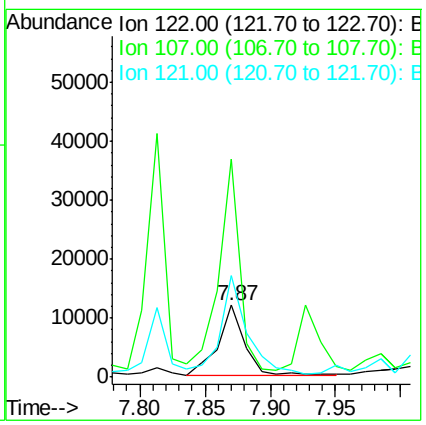


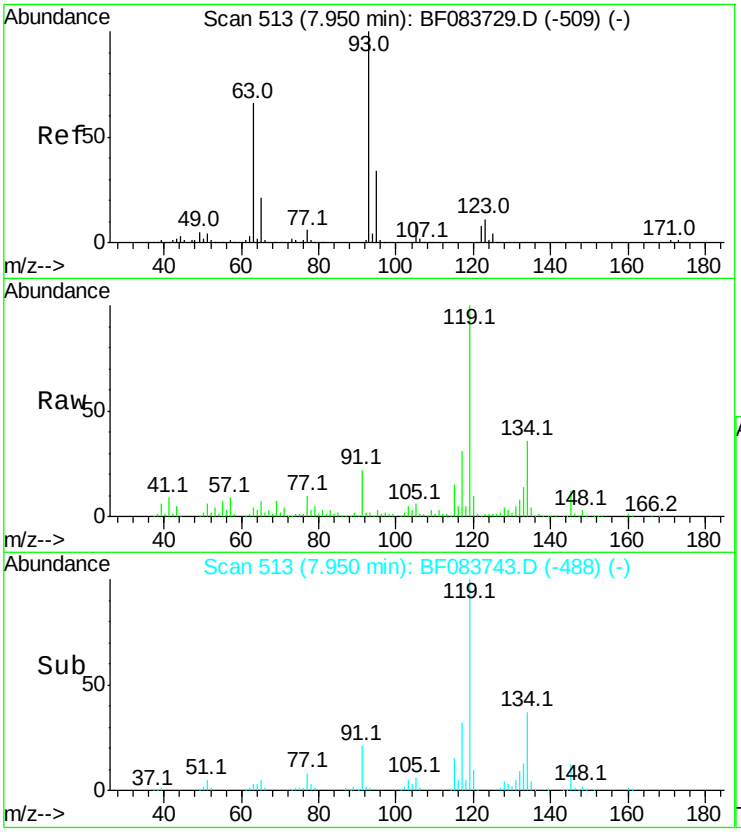


#27
2,4-Dimethylphenol
Concen: 2.17 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:122 Resp: 16396

Ion	Ratio	Lower	Upper
122	100		
107	303.4	92.4	138.6#
121	140.9	45.8	68.6#



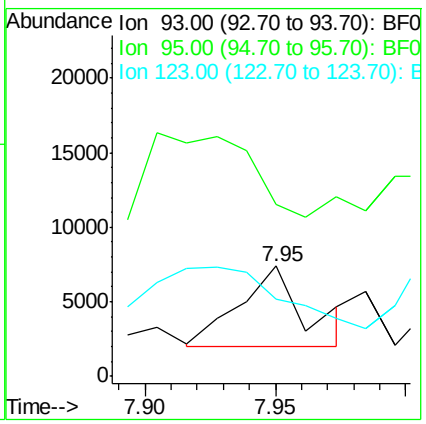


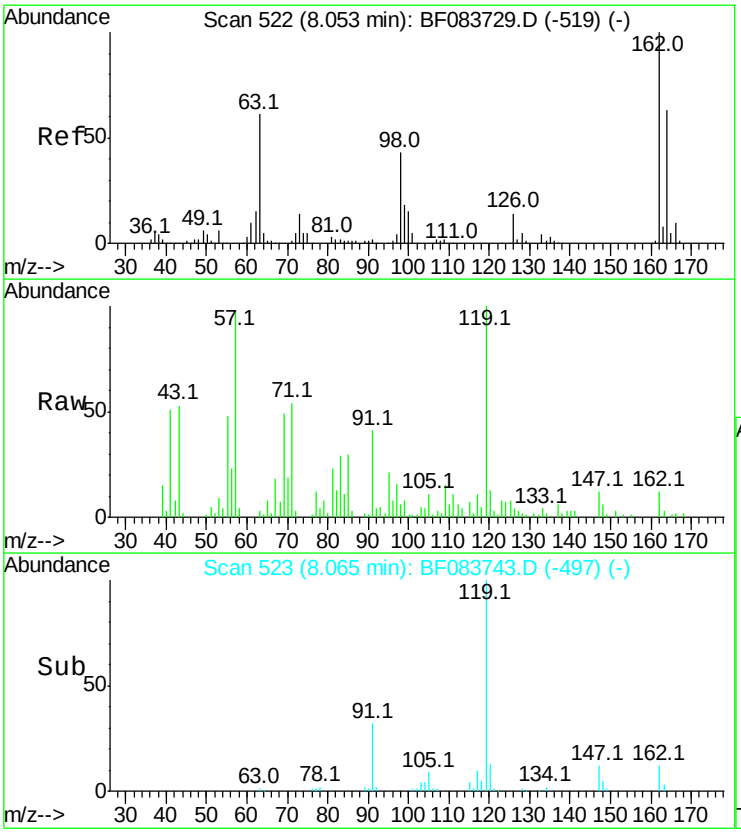
#28
bis(2-Chloroethoxy)methane
Concen: 1.11 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 9579

Ion	Ratio	Lower	Upper
93	100		
95	156.4	25.6	38.4#
123	69.9	7.3	10.9#

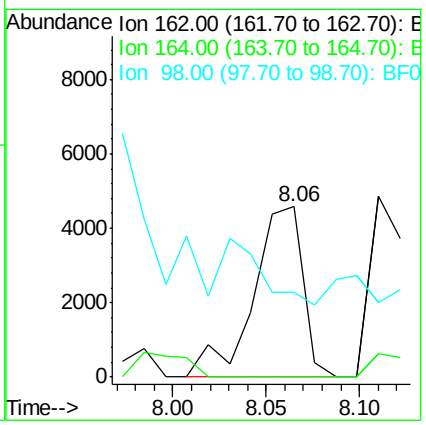


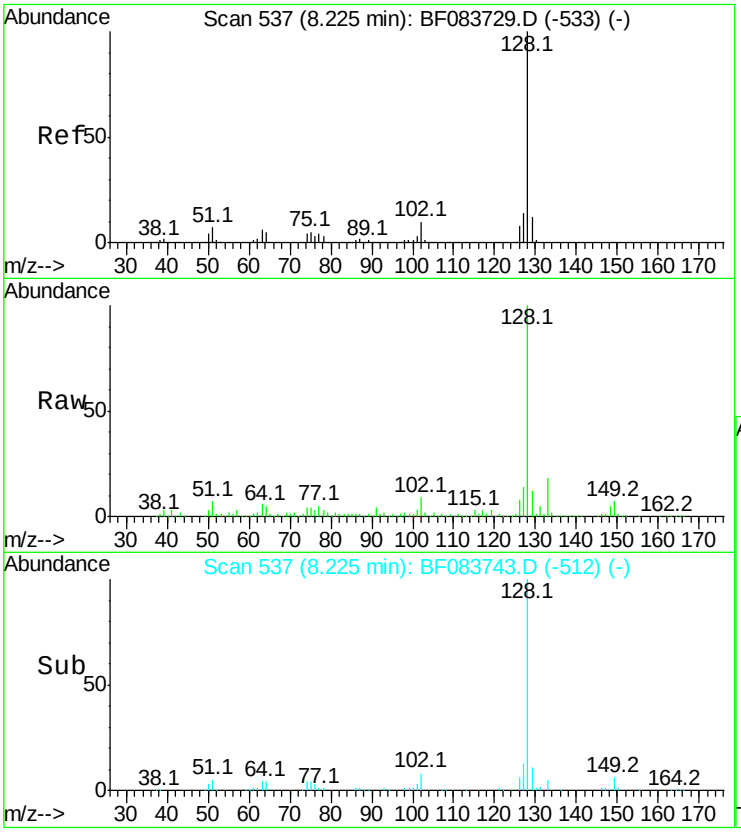


#29
2,4-Dichlorophenol
Concen: 1.37 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:162 Resp: 8464

Ion	Ratio	Lower	Upper
162	100		
164	0.0	43.4	83.4#
98	49.7	17.5	57.5



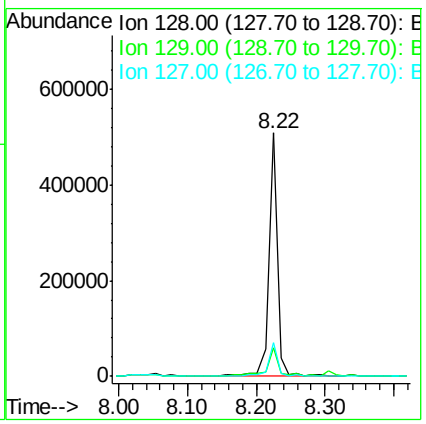


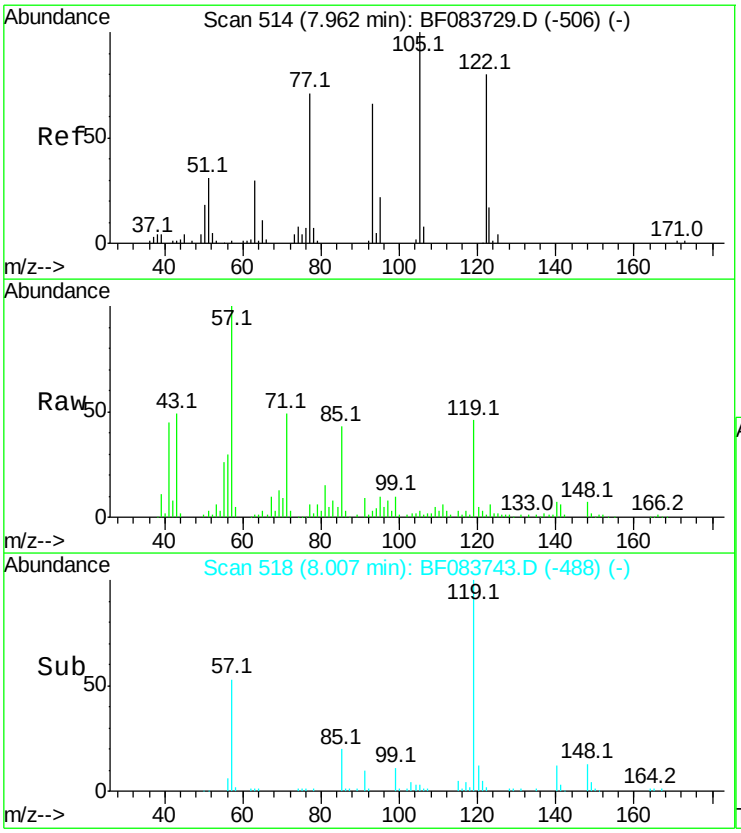
#31
Naphthalene
Concen: 19.89 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 445873

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	13.0
127	13.9	10.6	16.0

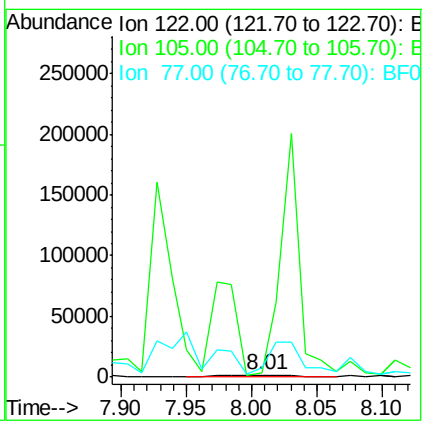


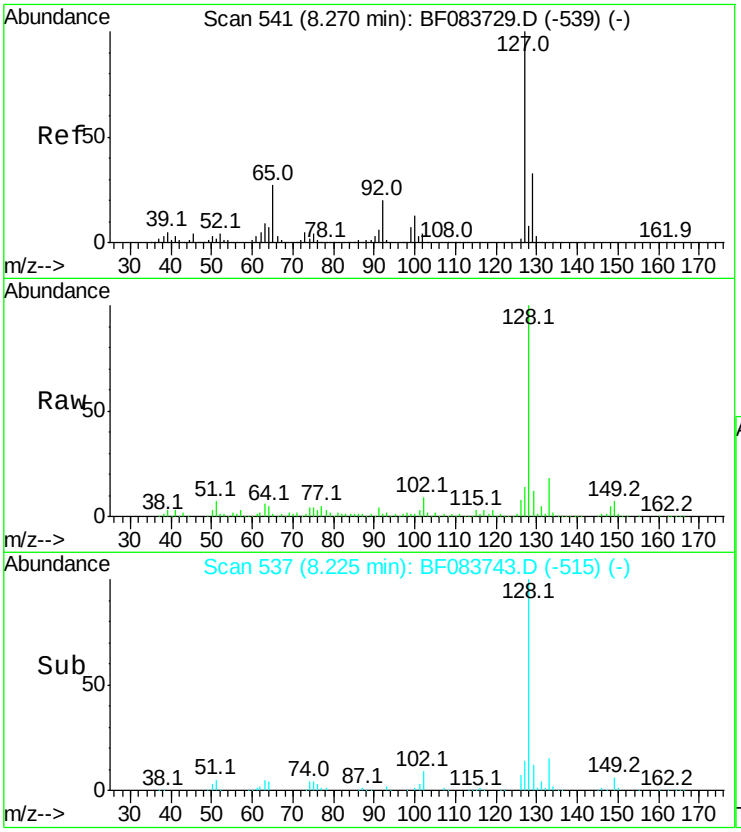


#32
Benzoic acid
Concen: 0.96 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:122 Resp: 4532

Ion	Ratio	Lower	Upper
122	100		
105	178.3	105.6	145.6#
77	426.4	86.8	126.8#



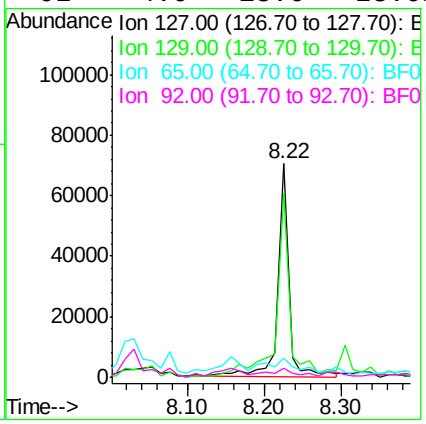


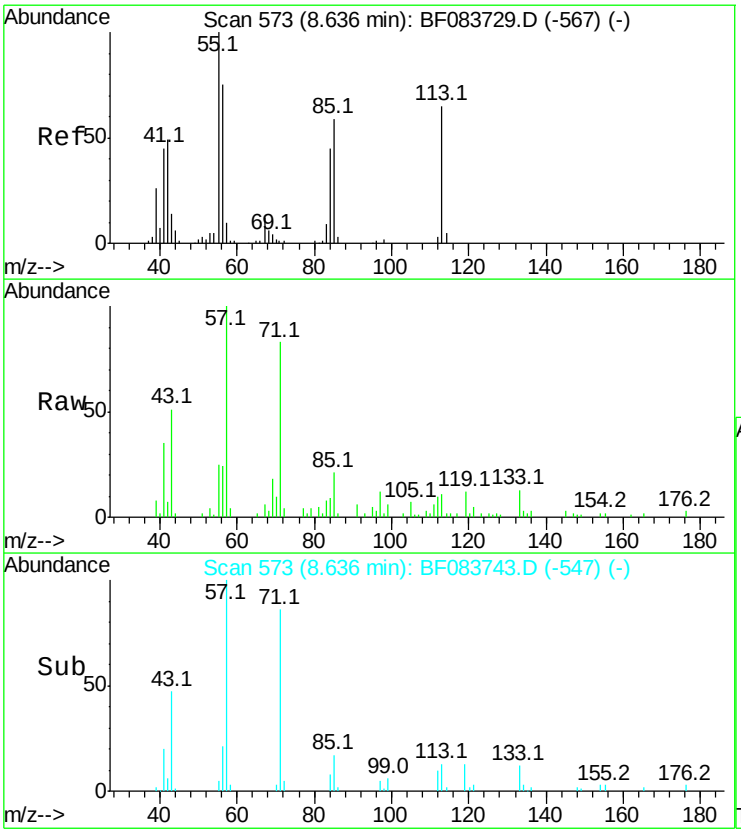
#33
4-Chloroaniline
Concen: 7.76 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 71079

Ion	Ratio	Lower	Upper
127	100		
129	86.1	26.1	39.1#
65	9.0	33.5	50.3#
92	4.0	18.6	28.0#

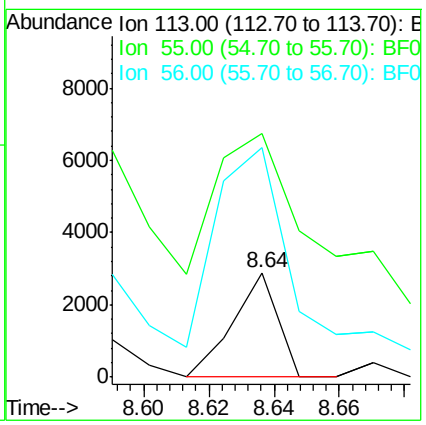


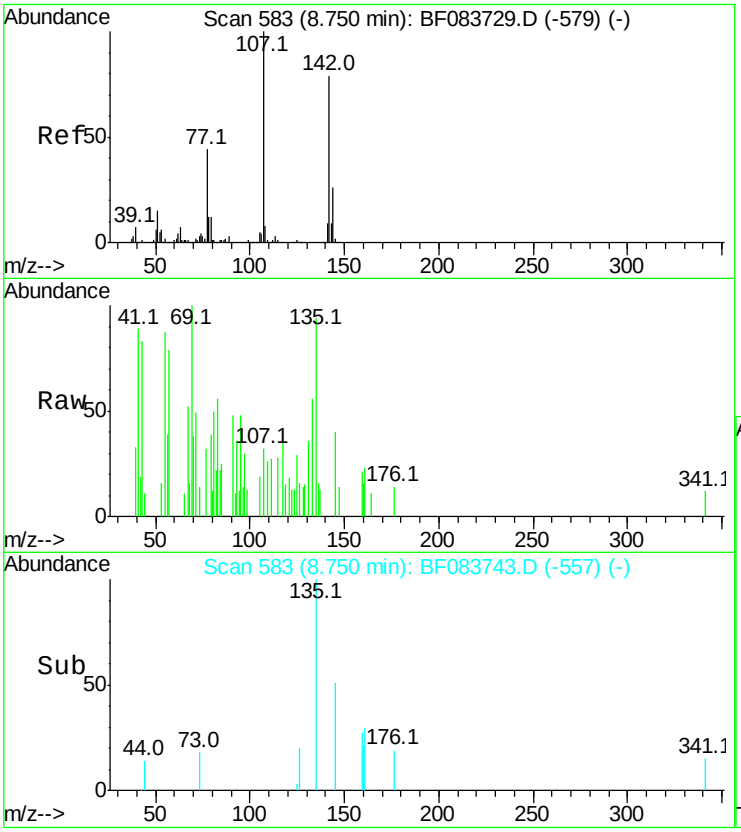


#35
Caprolactam
Concen: 1.36 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:113 Resp: 2717

Ion	Ratio	Lower	Upper
113	100		
55	233.1	189.7	229.7#
56	220.3	130.7	170.7#



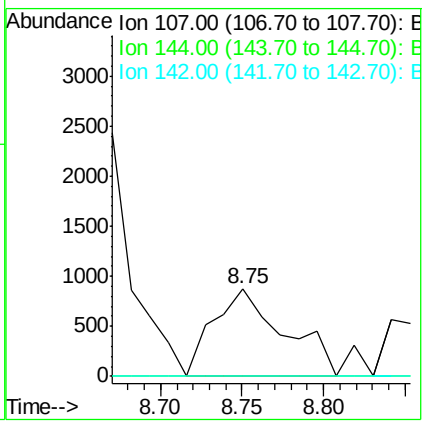


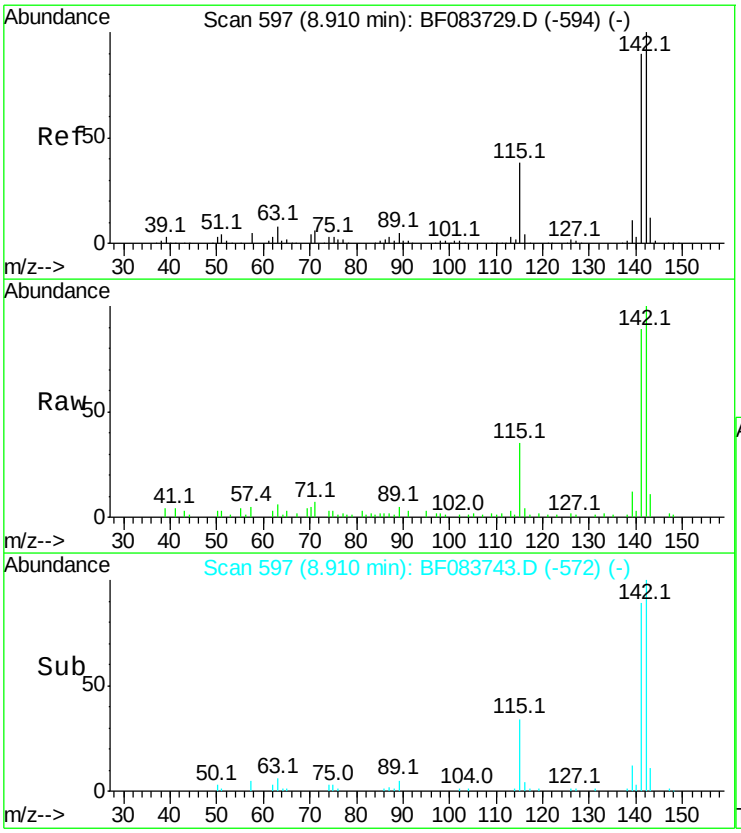
#36
4-Chloro-3-methylphenol
Concen: 0.36 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 2636

Ion	Ratio	Lower	Upper
107	100		
144	0.0	17.5	26.3#
142	0.0	53.6	80.4#

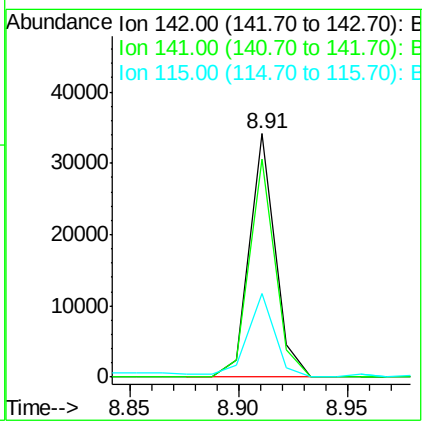


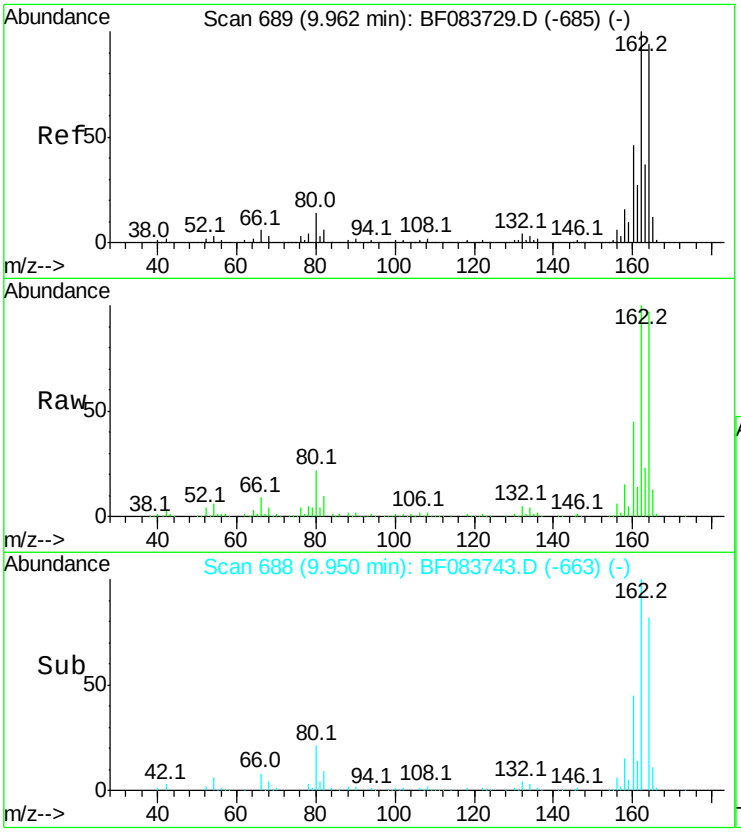


#37
2-Methylnaphthalene
Concen: 2.01 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:142 Resp: 28219

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	34.6	29.2	43.8



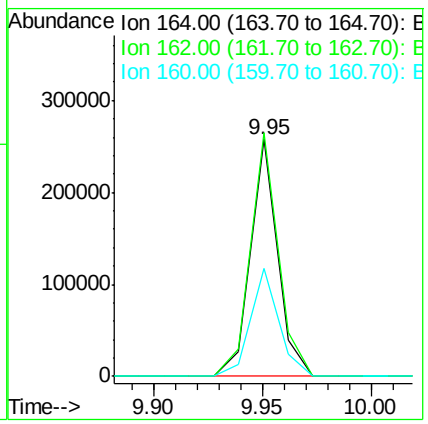


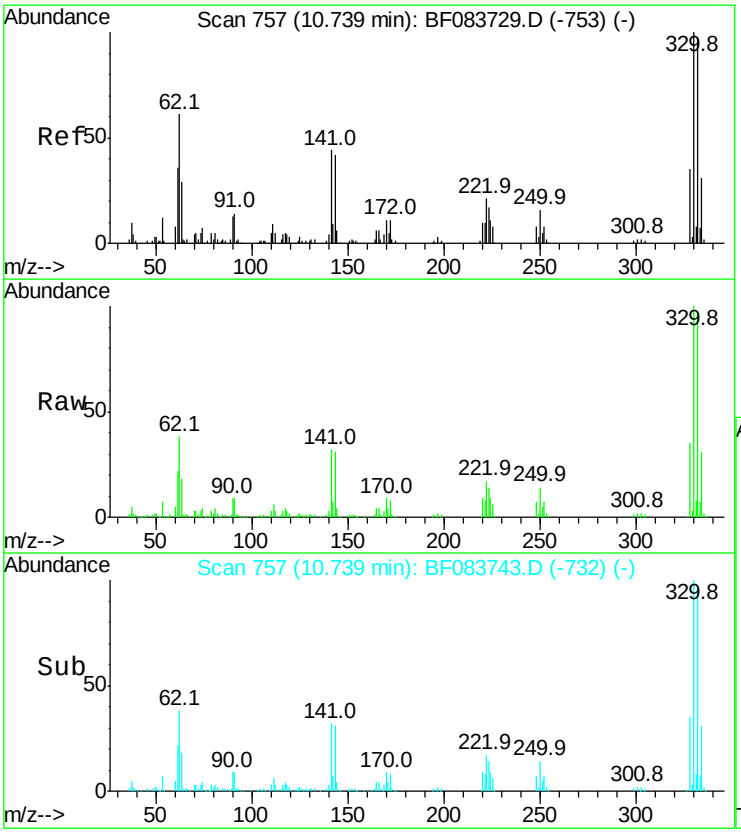
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 222397

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	45.8	33.4	50.2

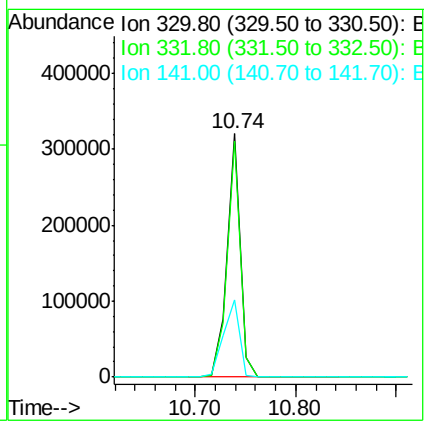


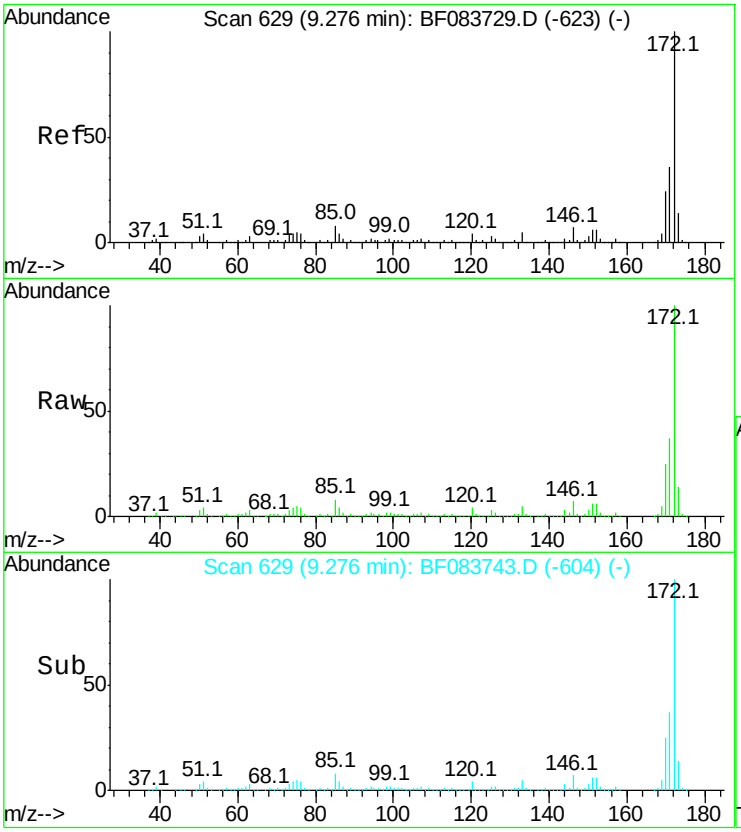


#41
2,4,6-Tribromophenol
Concen: 129.81 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:330 Resp: 294167

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	38.4	0.0	0.0#



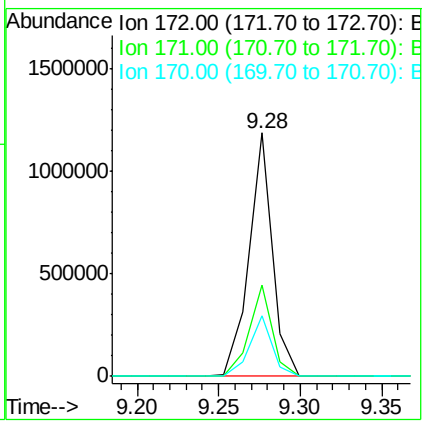


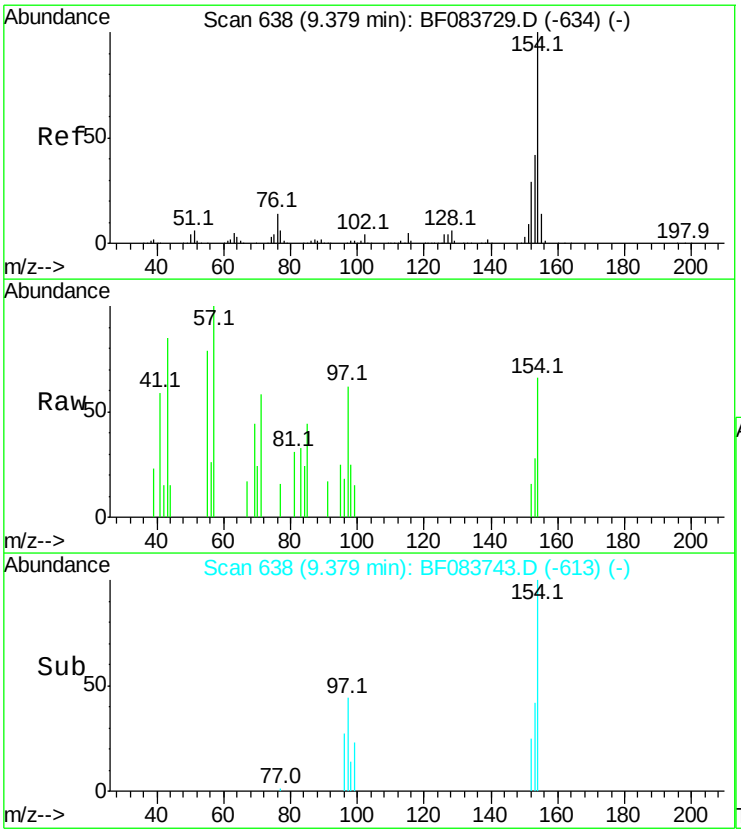
#44
2-Fluorobiphenyl
Concen: 74.84 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1177621

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	25.1	19.4	29.0

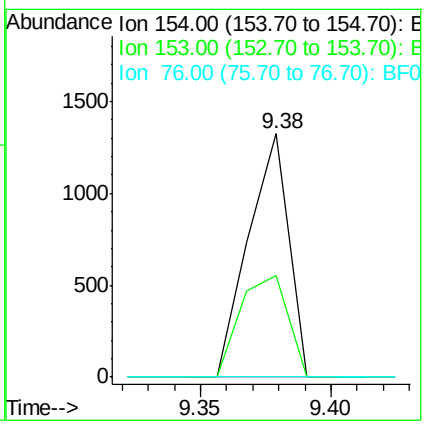


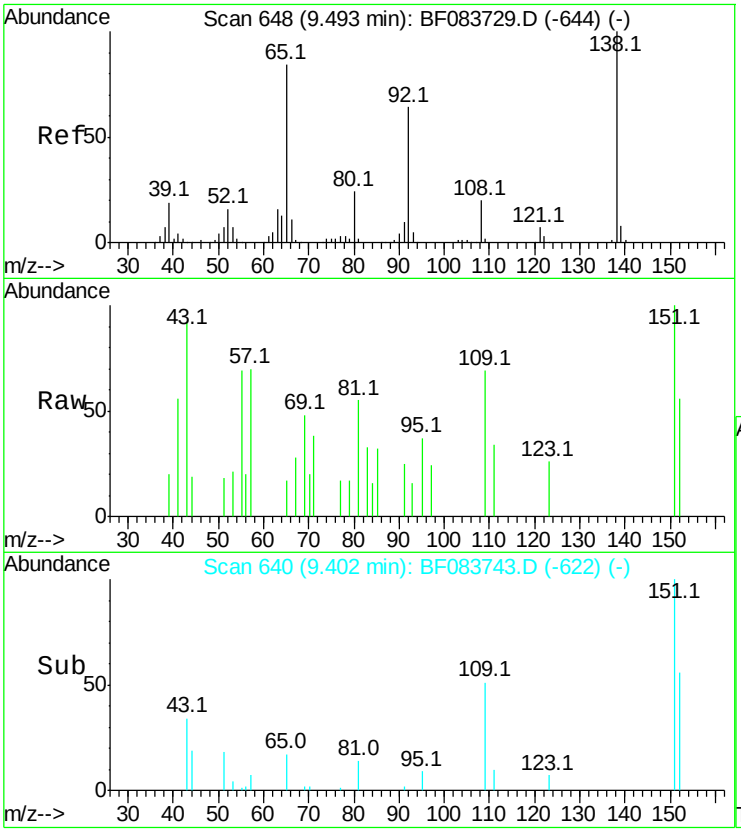


#45
1,1'-Biphenyl
Concen: 0.07 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:154 Resp: 1413

Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.2	60.2
76	0.0	0.0	34.8



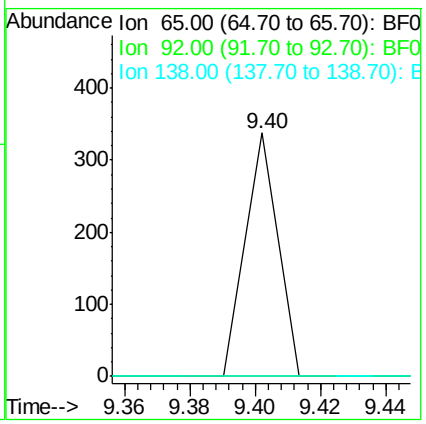


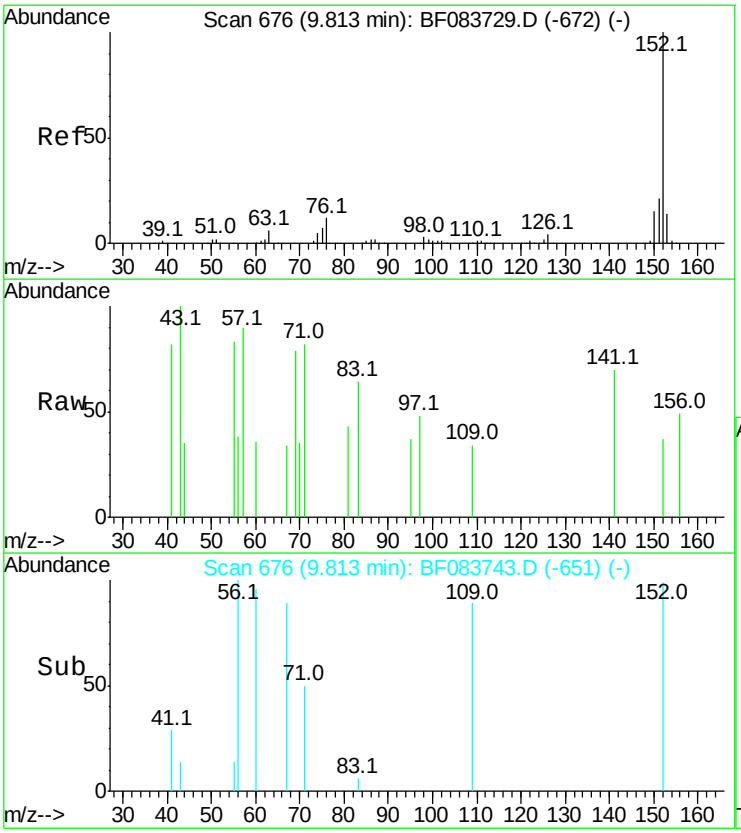
#47
2-Nitroaniline
Concen: 0.06 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.09 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 232

Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.6	74.4#
138	0.0	64.1	96.1#

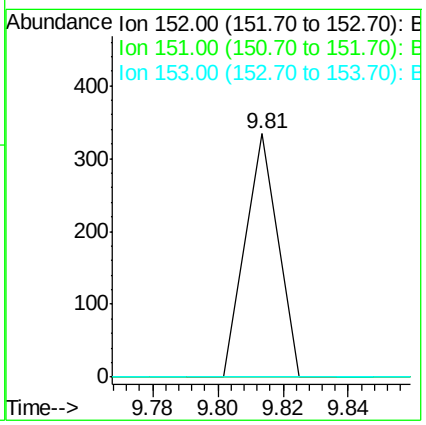


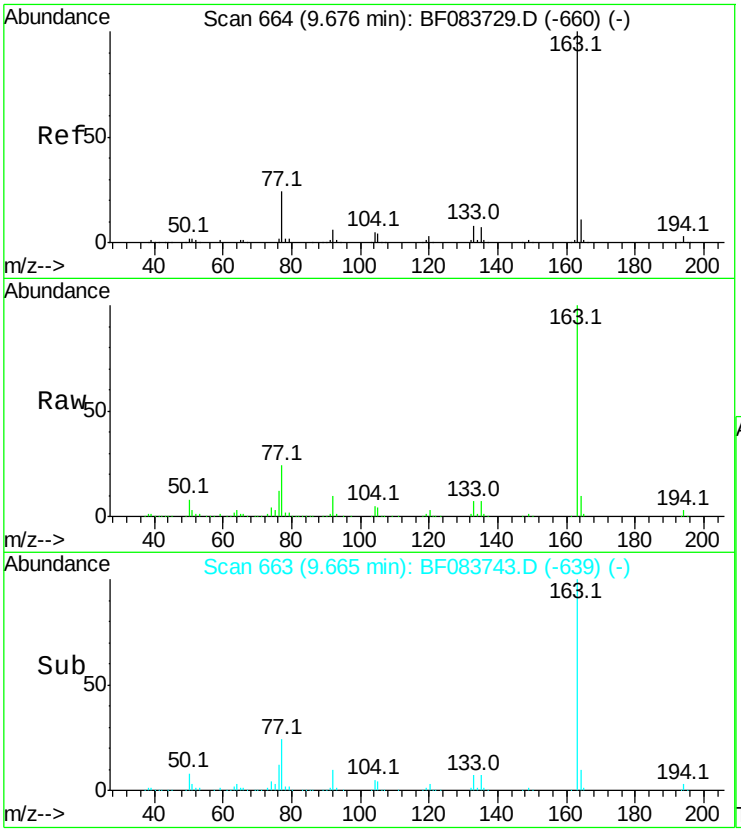


#48
Acenaphthylene
Concen: 0.01 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:152 Resp: 229

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	10.8	16.2#



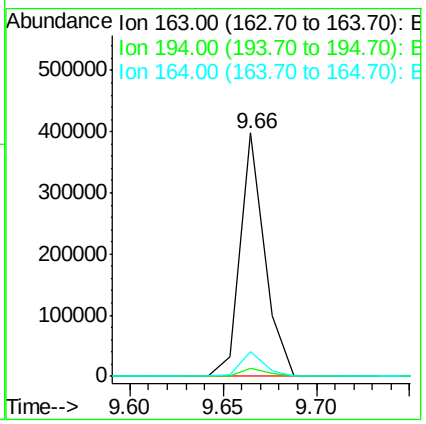


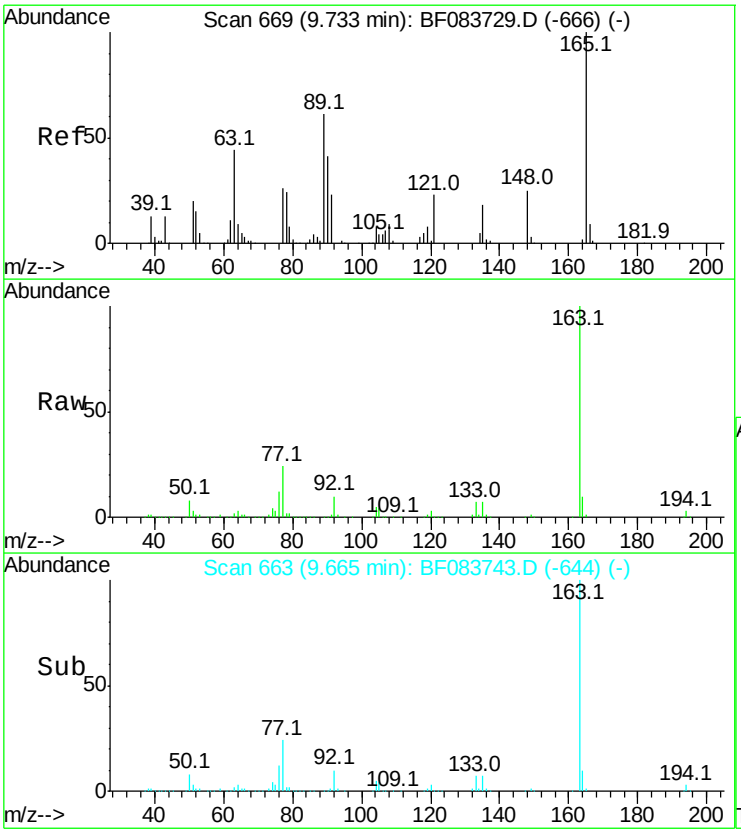
#49
Dimethylphthalate
Concen: 20.99 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 363892

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	8.6	13.0

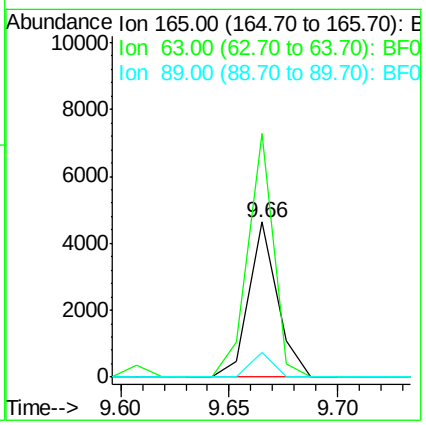


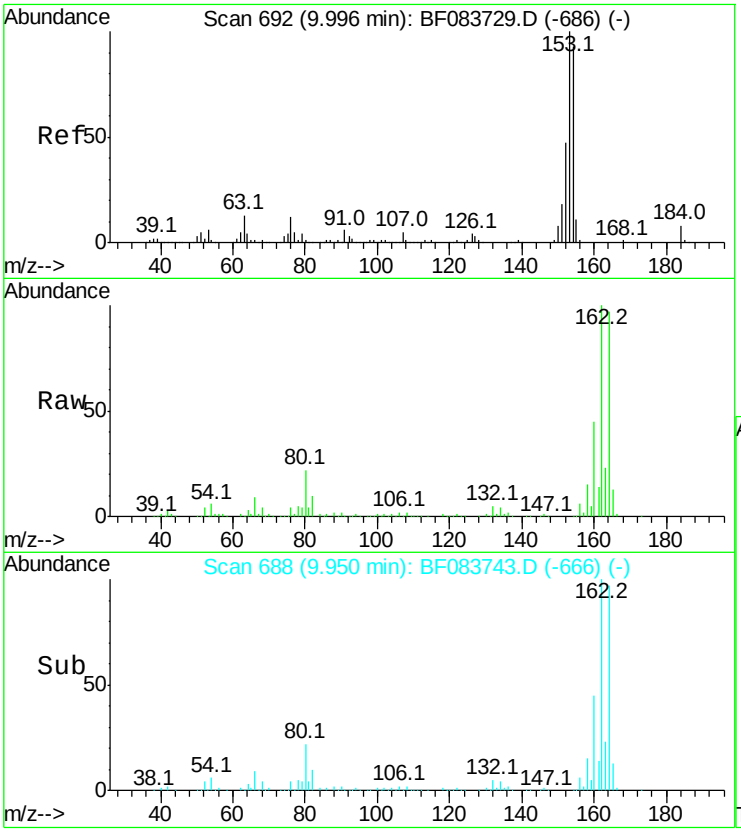


#50
2,6-Dinitrotoluene
Concen: 1.15 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.08 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:165 Resp: 4233

Ion	Ratio	Lower	Upper
165	100		
63	157.4	56.9	85.3#
89	15.9	52.1	78.1#



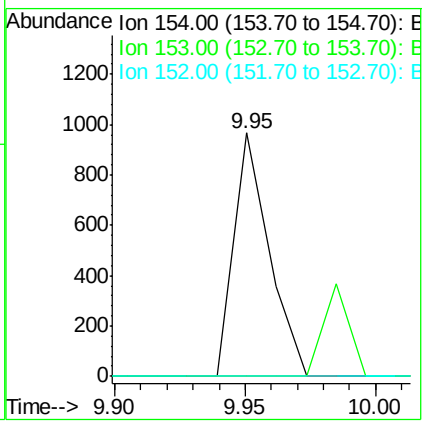


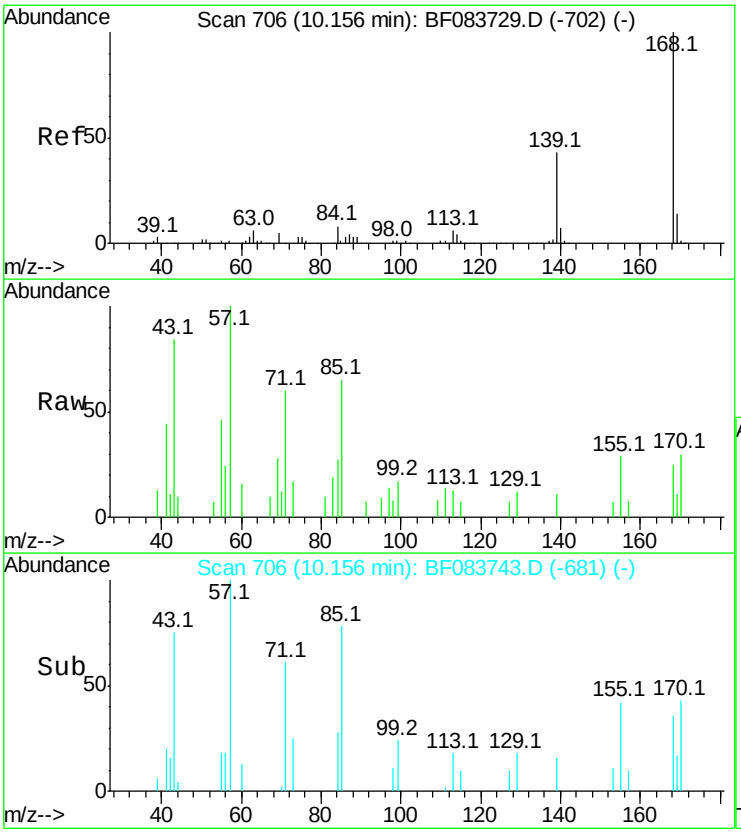
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 909

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.4	137.0#
152	0.0	43.4	65.2#

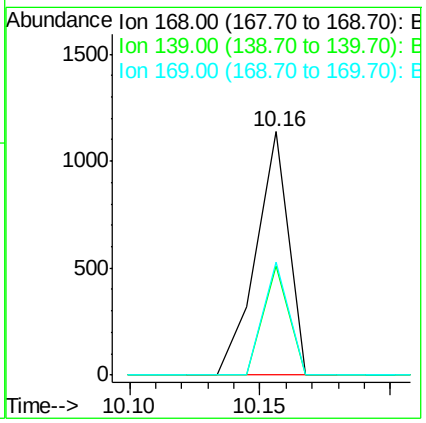


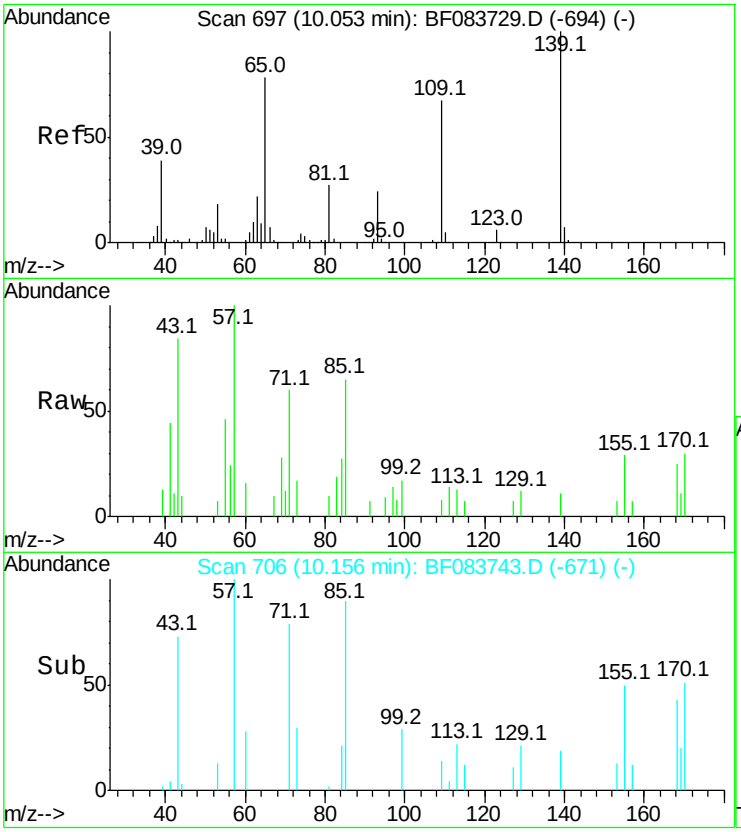


#54
Dibenzofuran
Concen: 0.05 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:168 Resp: 998

Ion	Ratio	Lower	Upper
168	100		
139	44.8	28.0	42.0#
169	46.2	10.8	16.2#



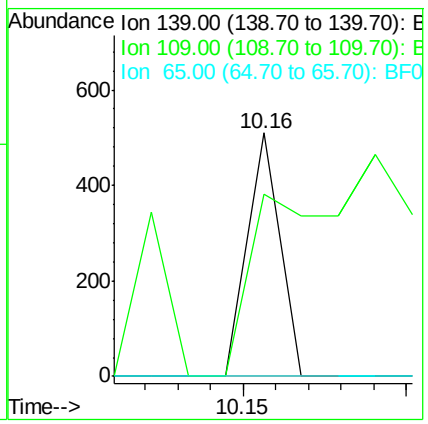


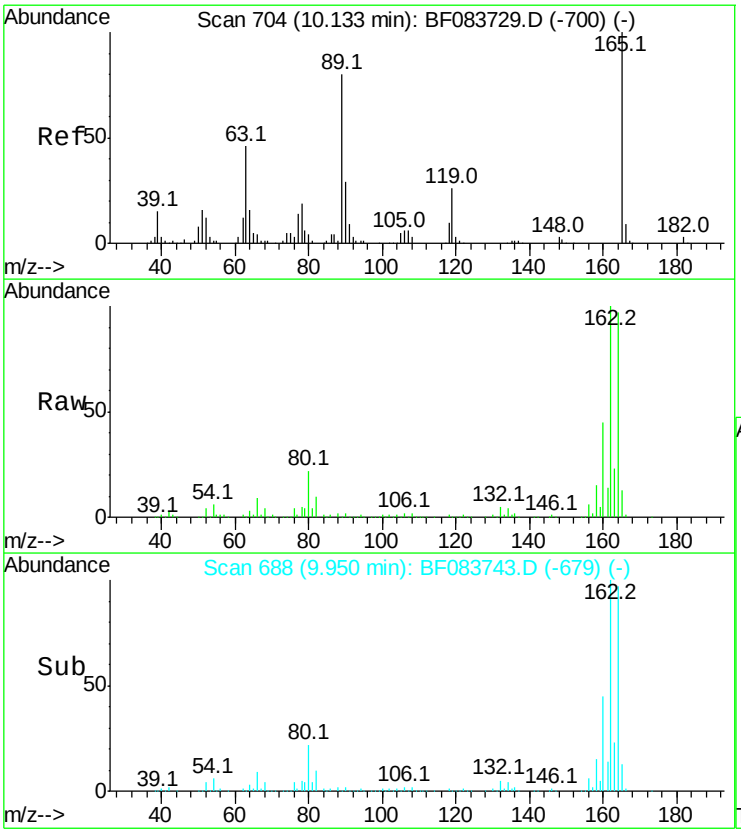
#55
4-Nitrophenol
Concen: 0.11 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.10 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 350

Ion	Ratio	Lower	Upper
139	100		
109	75.1	42.0	82.0
65	0.0	89.2	129.2#

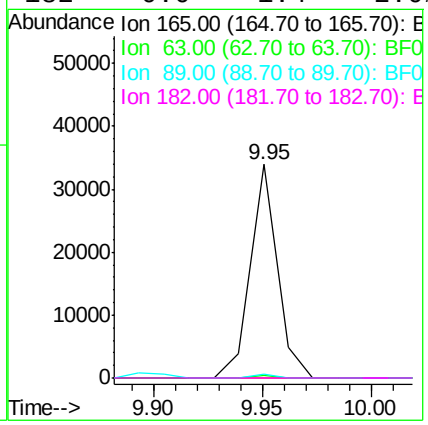


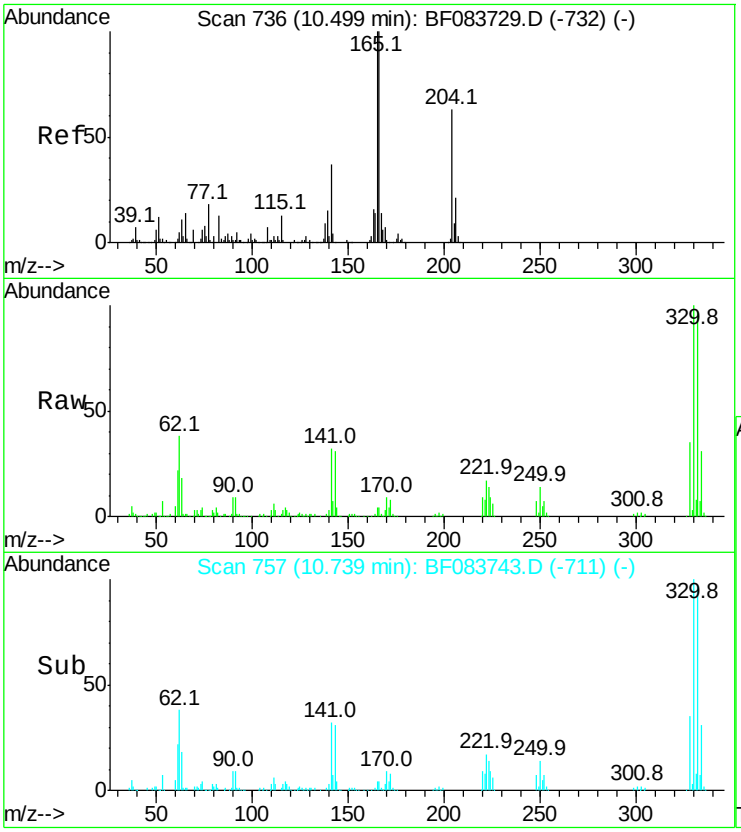


#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.19 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:165 Resp: 29294

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.4	77.2#
89	1.8	72.6	108.8#
182	0.0	1.4	2.0#



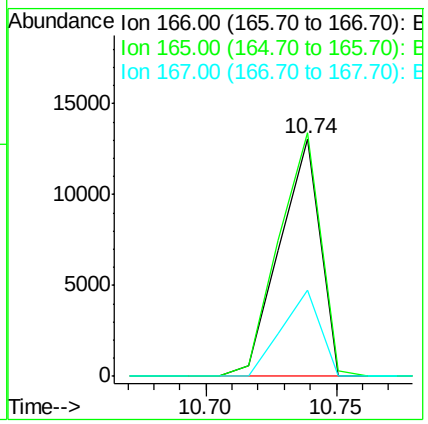


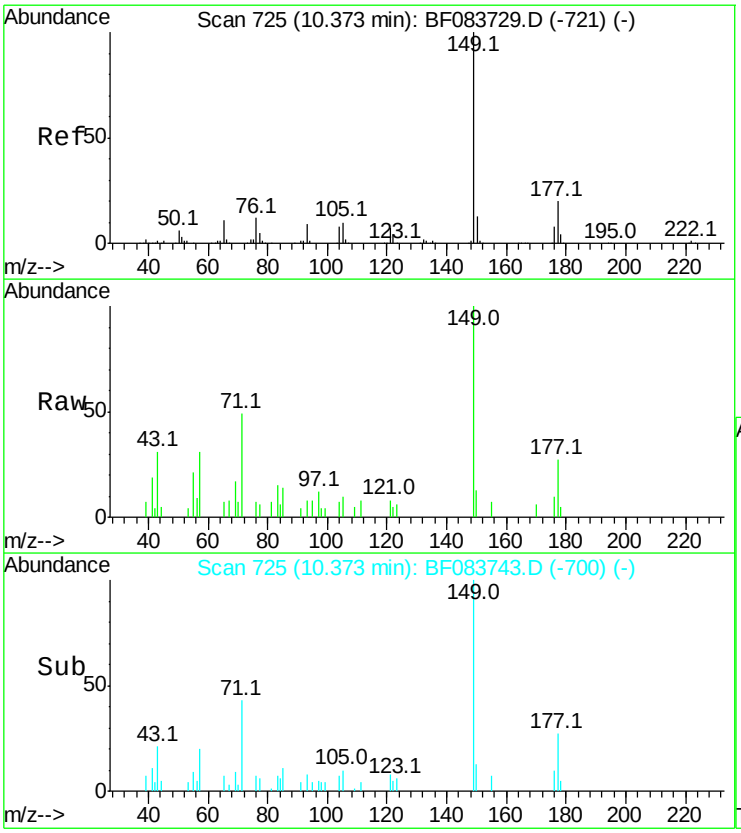
#57
Fluorene
Concen: 0.91 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.23 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 14102

Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.0	120.0
167	36.2	10.6	16.0#

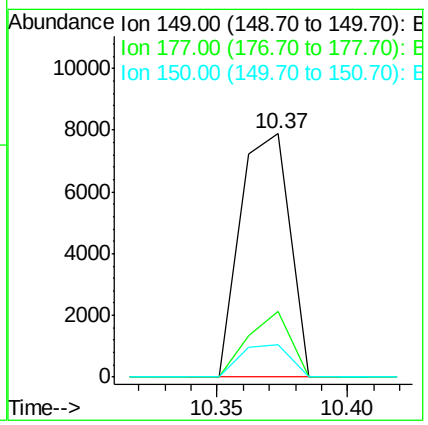


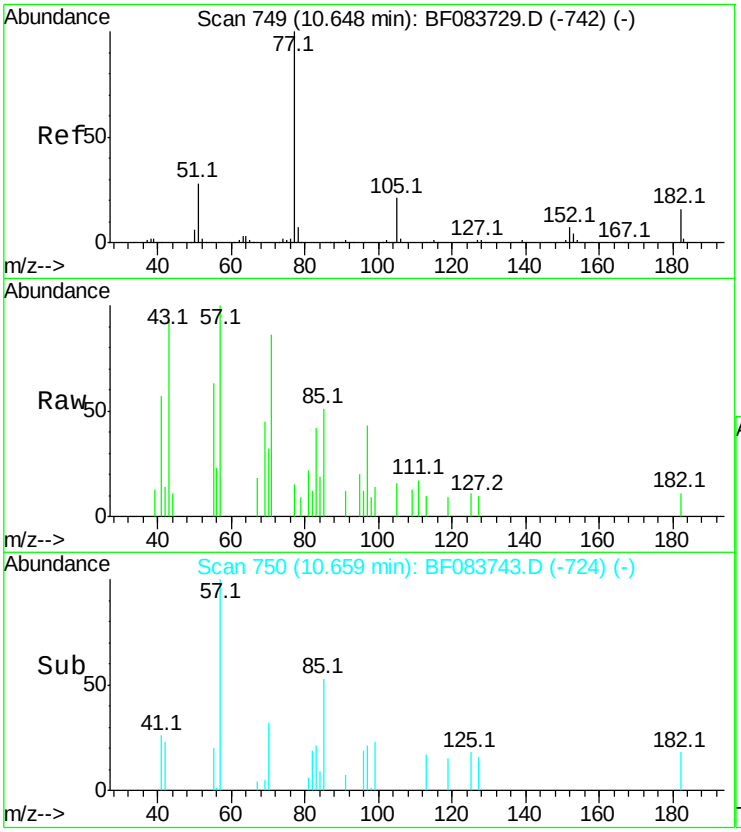


#59
Diethylphthalate
Concen: 0.59 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:149 Resp: 10364

Ion	Ratio	Lower	Upper
149	100		
177	26.8	16.9	25.3#
150	13.2	10.2	15.4



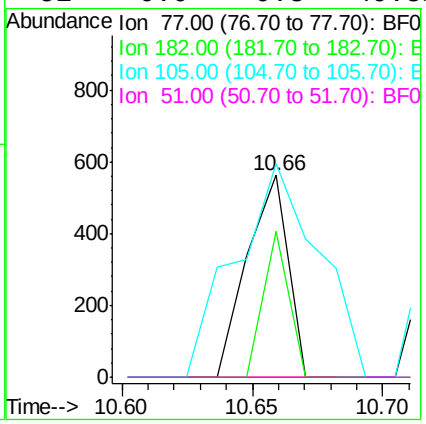


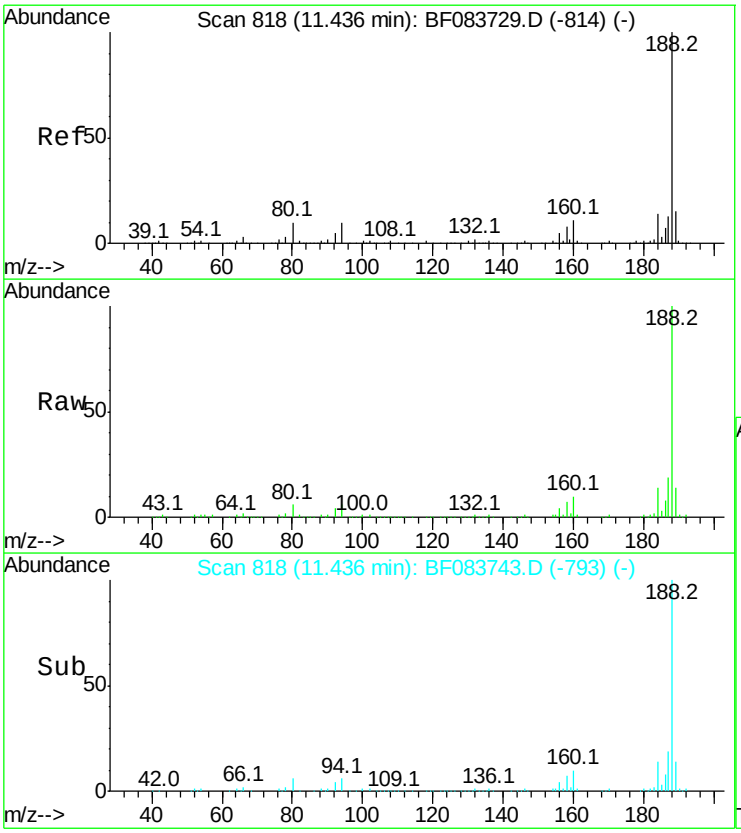
#62
Azobenzene
Concen: 0.04 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 618

Ion	Ratio	Lower	Upper
77	100		
182	72.4	2.5	42.5#
105	105.9	2.1	42.1#
51	0.0	9.3	49.3#

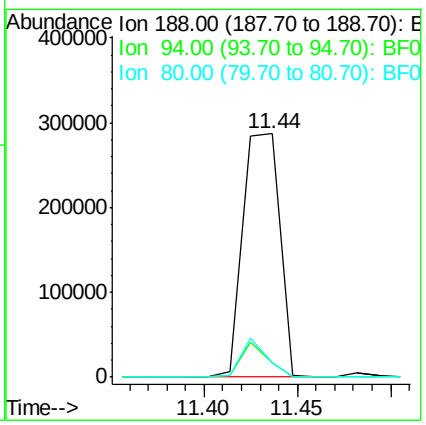


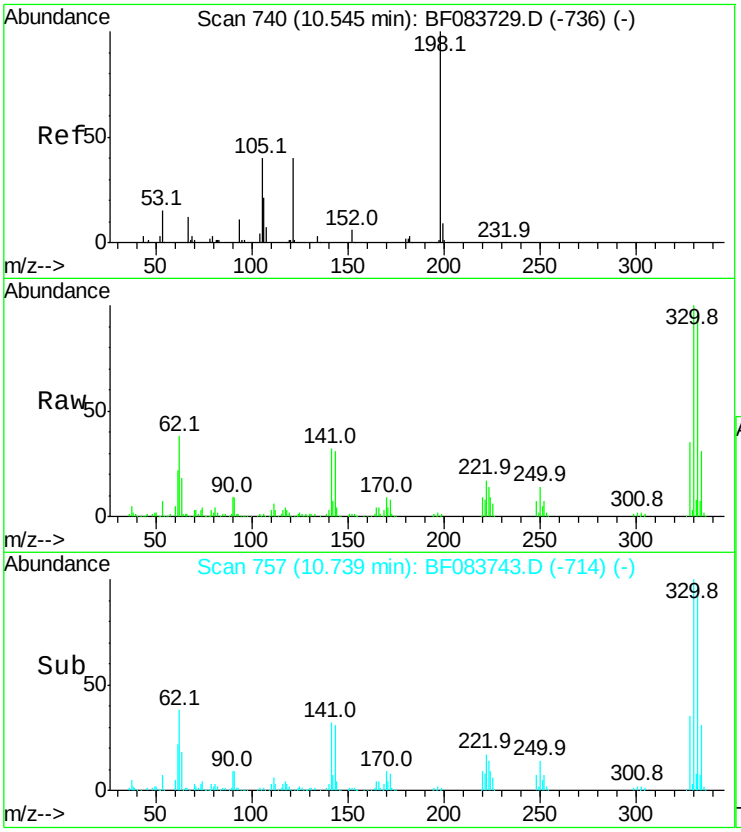


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:188 Resp: 398502

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.4	14.2#
80	6.1	10.6	16.0#



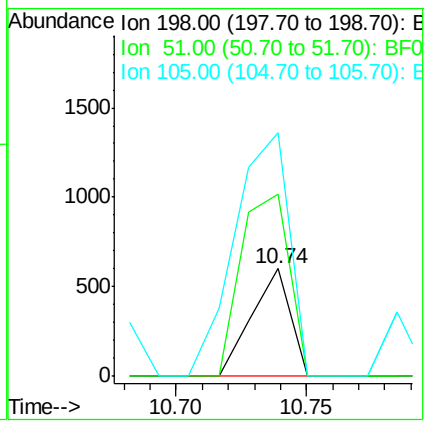


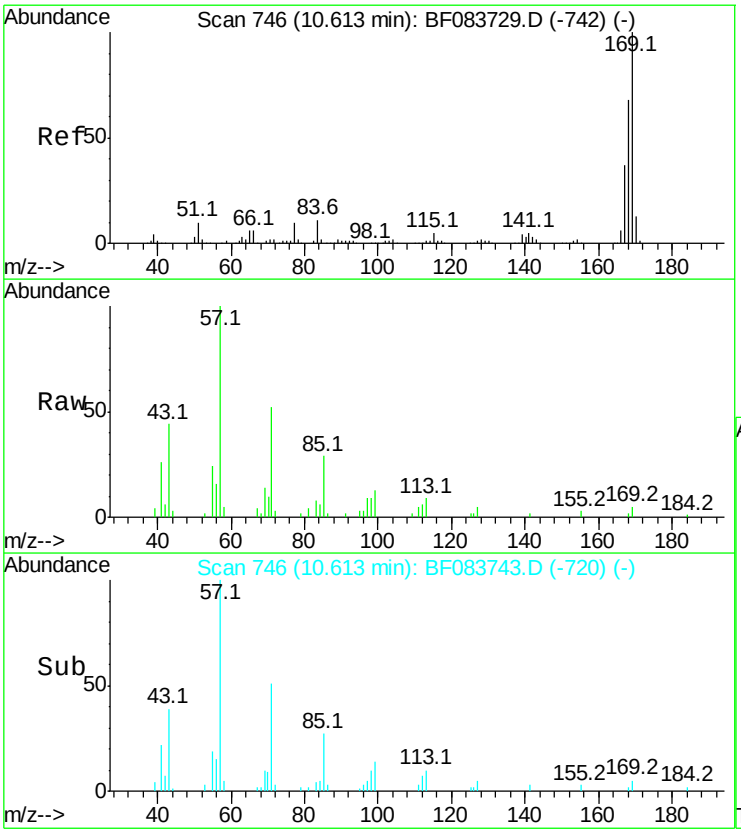
#64
4,6-Dinitro-2-methylphenol
Concen: 0.28 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.20 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 625

Ion	Ratio	Lower	Upper
198	100		
51	168.6	53.8	93.8#
105	225.9	38.6	78.6#

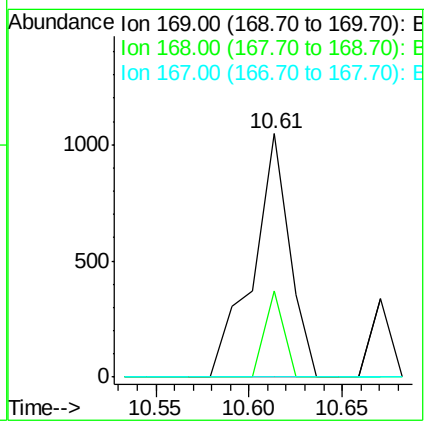


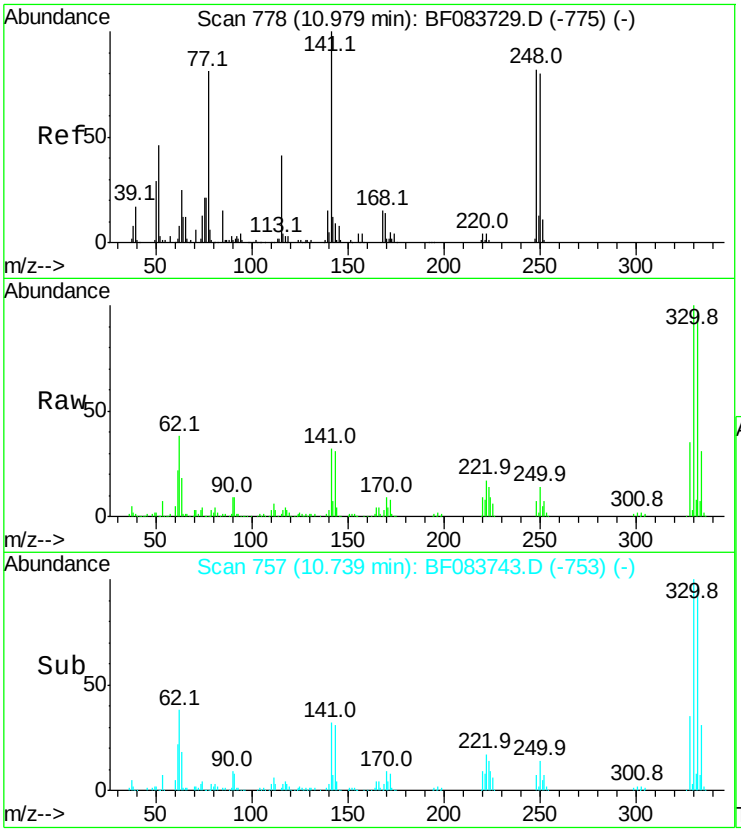


#65
n-Nitrosodiphenylamine
Concen: 0.10 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:169 Resp: 1422

Ion	Ratio	Lower	Upper
169	100		
168	35.5	53.0	79.6#
167	0.0	29.3	43.9#



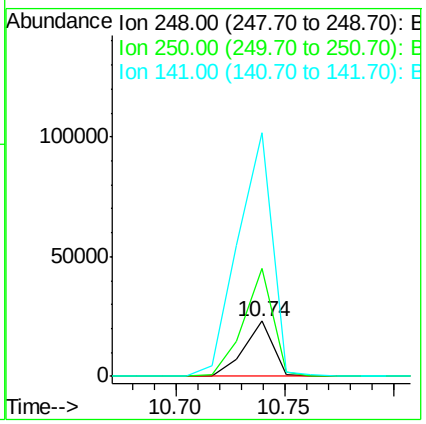


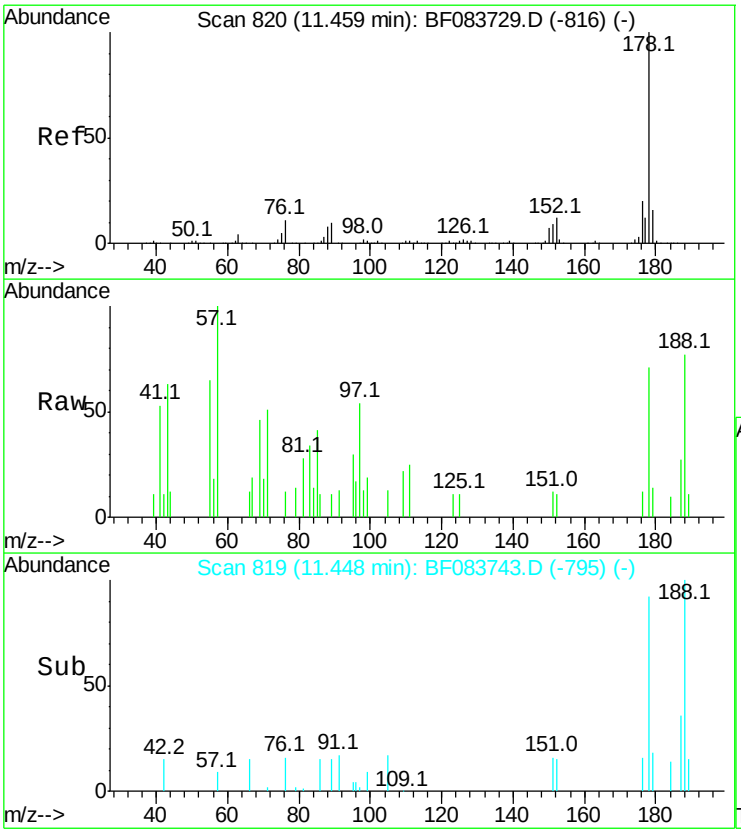
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 21315

Ion	Ratio	Lower	Upper
248	100		
250	195.2	79.2	118.8#
141	442.0	58.2	87.4#

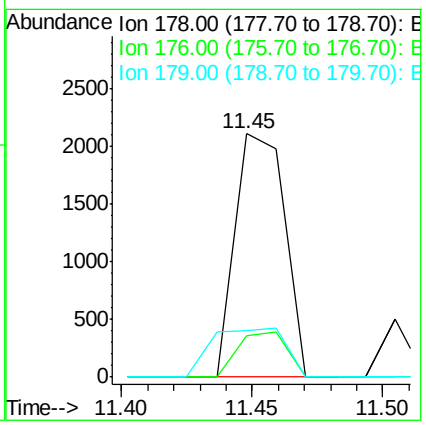


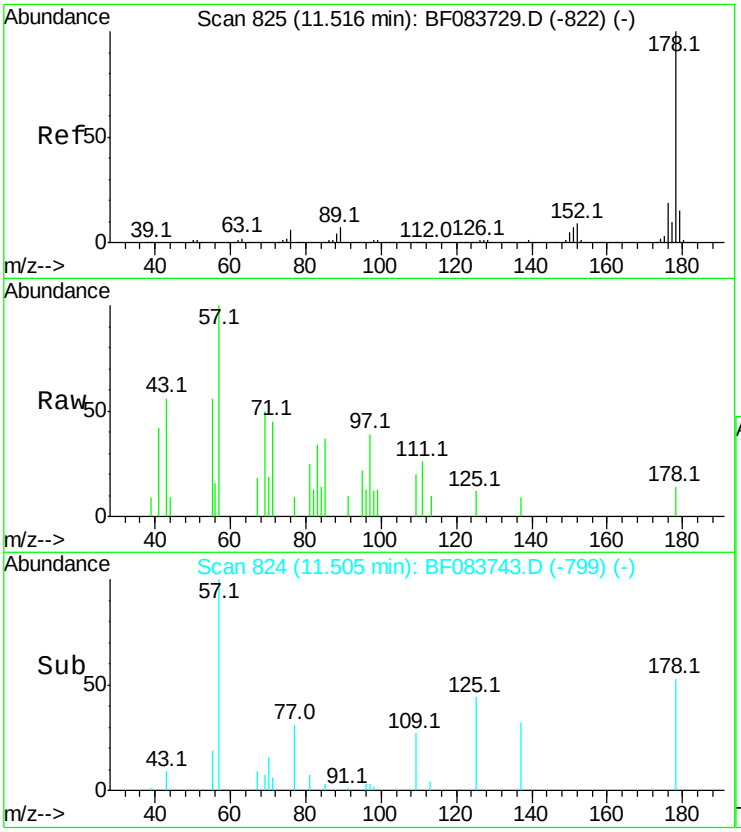


#70
Phenanthrene
Concen: 0.13 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:178 Resp: 2806

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.7	23.5
179	19.1	12.2	18.4#



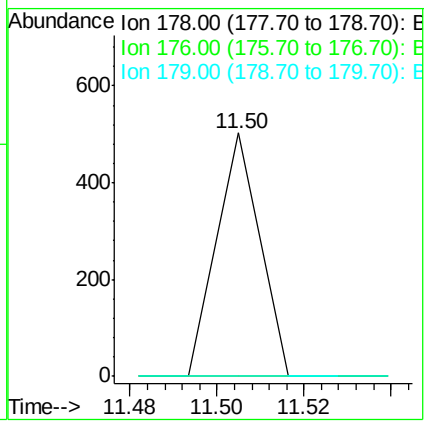


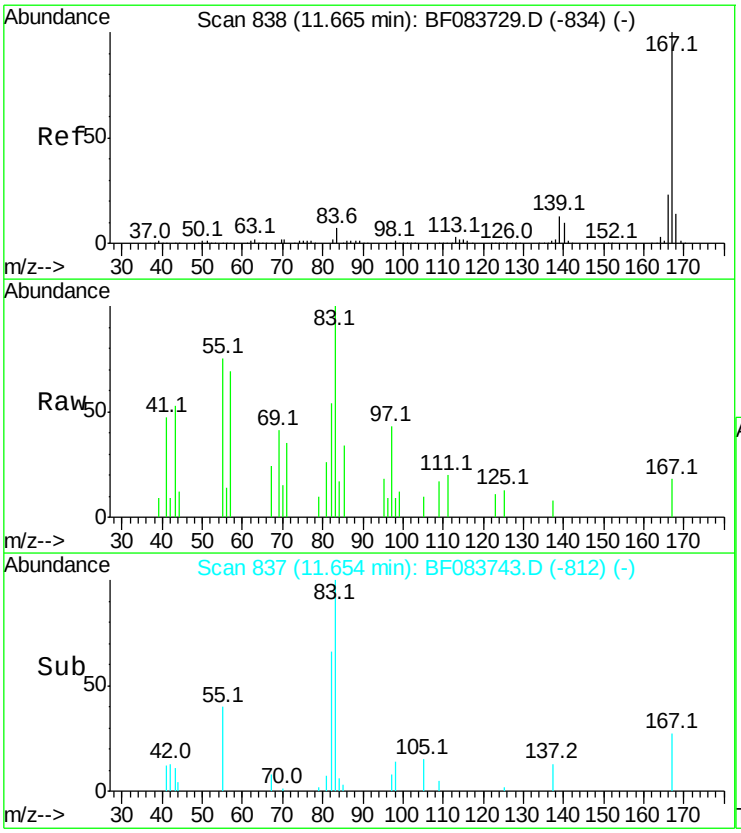
#71
Anthracene
Concen: 0.02 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 345

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.6	18.8#

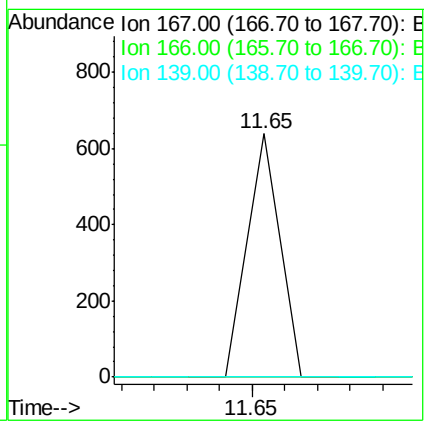


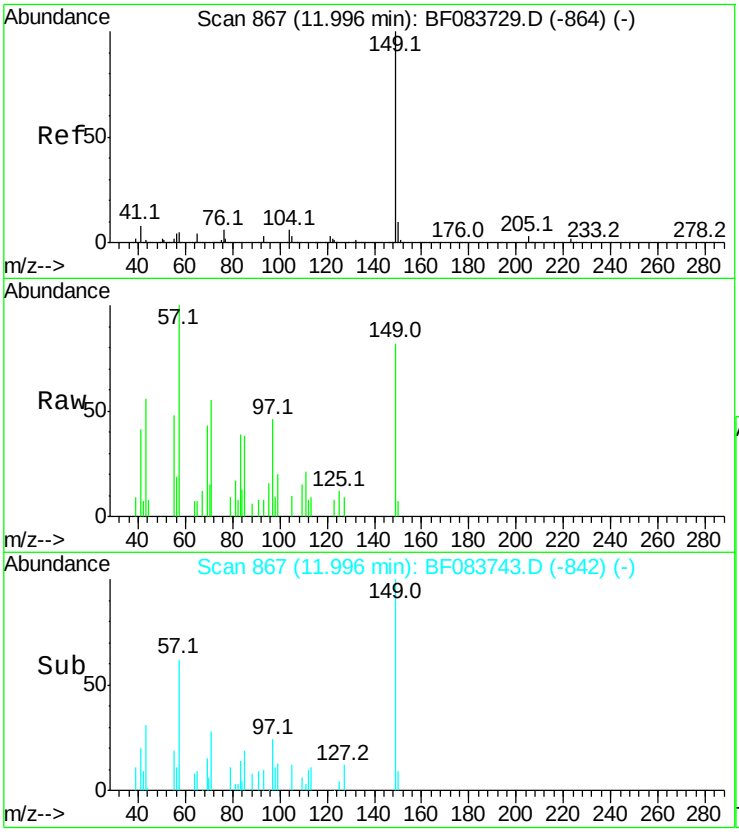


#72
Carbazole
Concen: 0.02 ng
RT: 11.65 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:167 Resp: 438

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.2	25.8#
139	0.0	9.3	13.9#



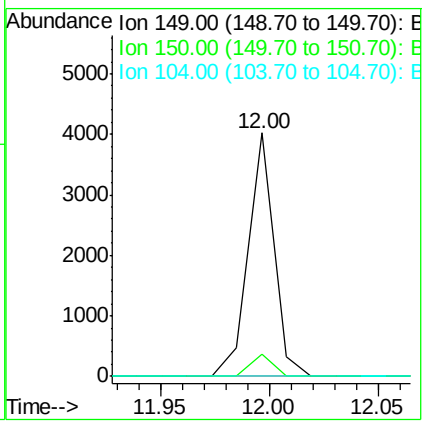


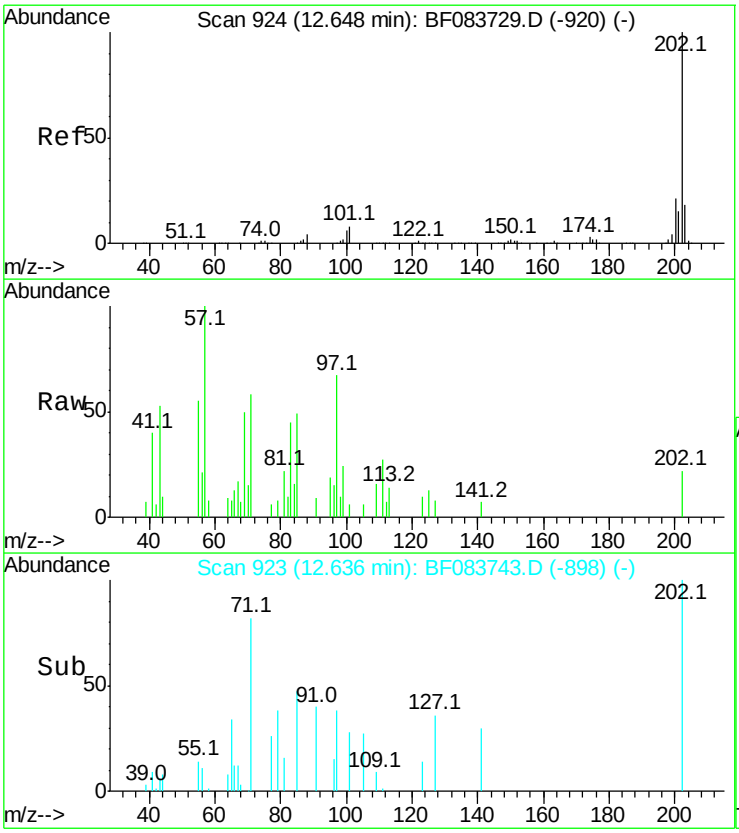
#73
Di-n-butylphthalate
Concen: 0.13 ng
RT: 12.00 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 3295

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	0.0	3.9	5.9#

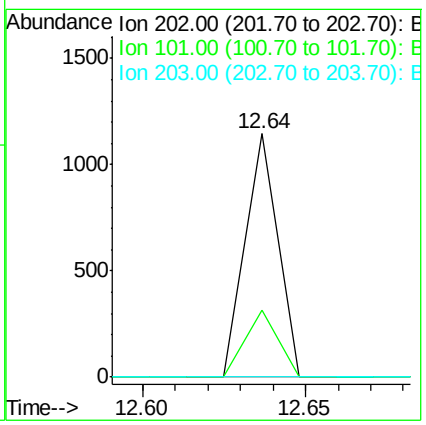


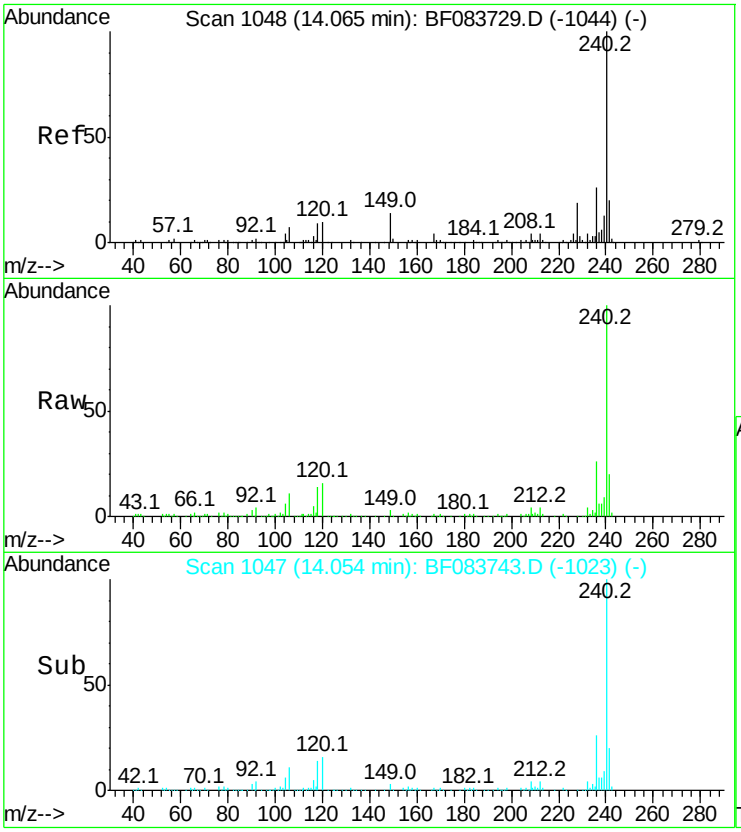


#74
Fluoranthene
Concen: 0.04 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:202 Resp: 786

Ion	Ratio	Lower	Upper
202	100		
101	27.6	0.0	31.5
203	0.0	0.0	37.6



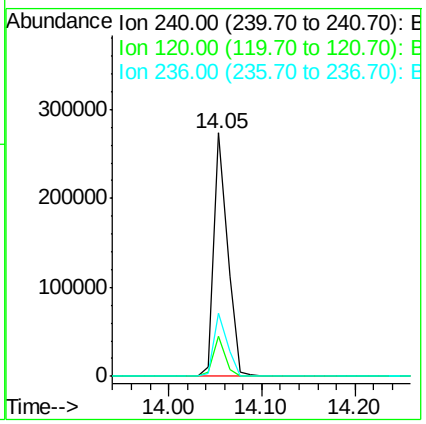


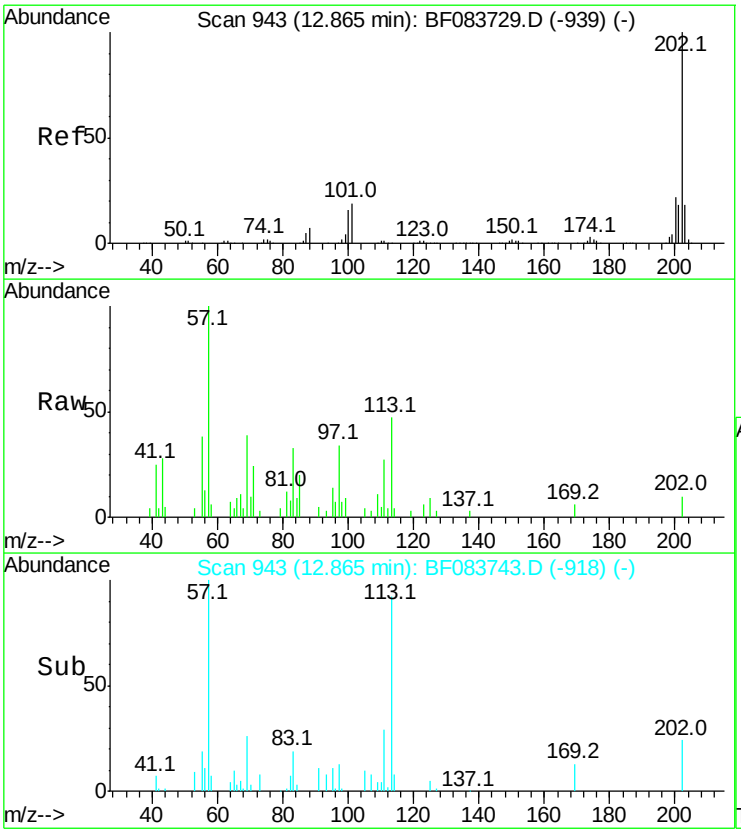
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 279489

Ion	Ratio	Lower	Upper
240	100		
120	16.4	8.1	12.1#
236	26.2	20.8	31.2

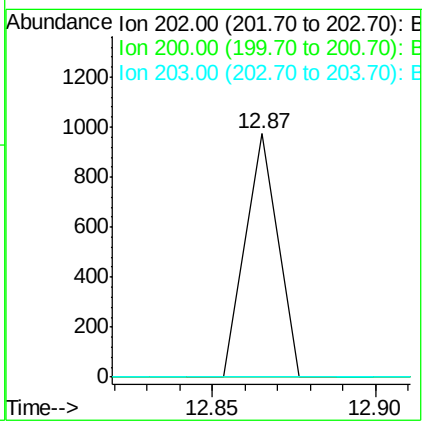


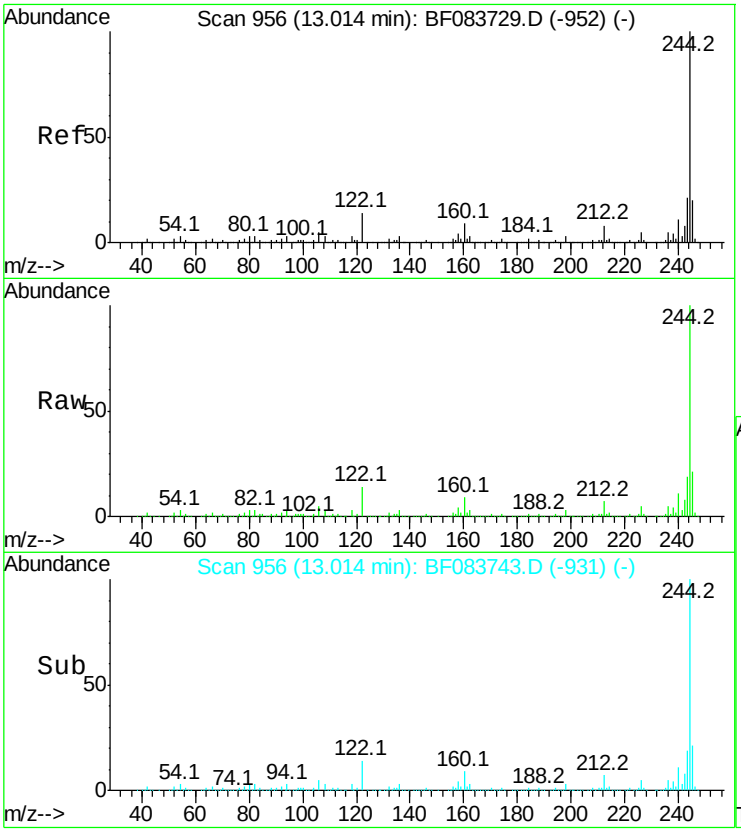


#77
Pyrene
Concen: 0.03 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:202 Resp: 668

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.7	25.1#
203	0.0	14.3	21.5#



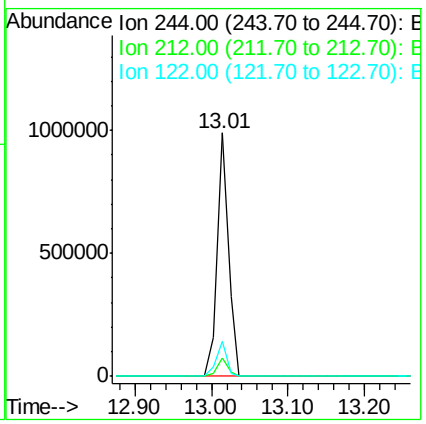


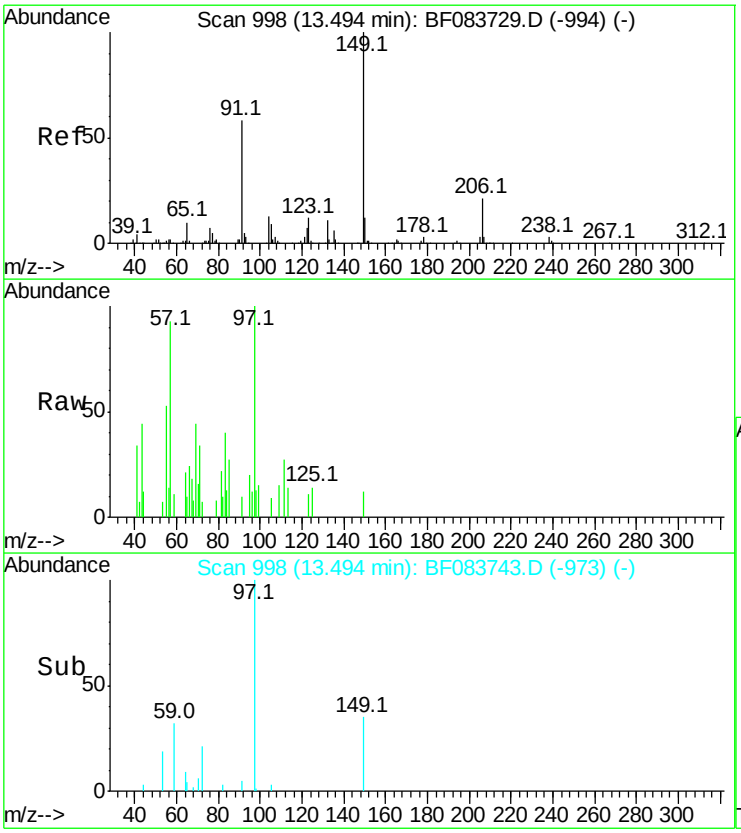
#78
Terphenyl-d14
Concen: 78.17 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1015613

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.2	11.0	16.6

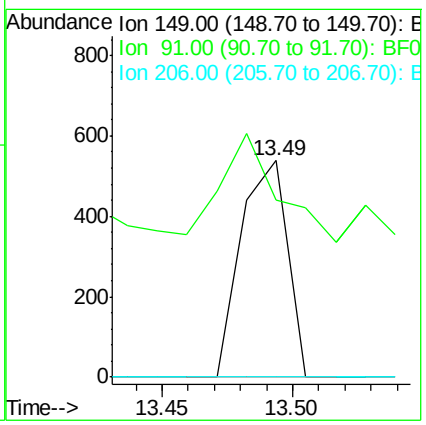


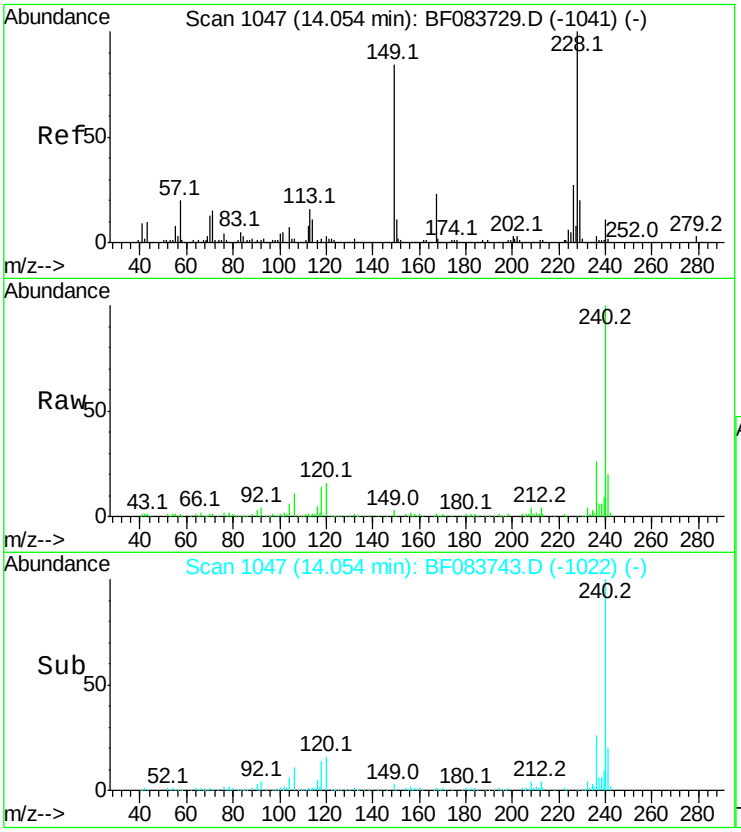


#79
Butylbenzylphthalate
Concen: 0.07 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:149 Resp: 671

Ion	Ratio	Lower	Upper
149	100		
91	82.2	60.0	90.0
206	0.0	16.2	24.4#



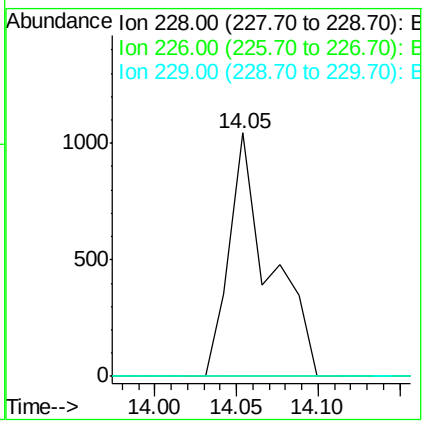


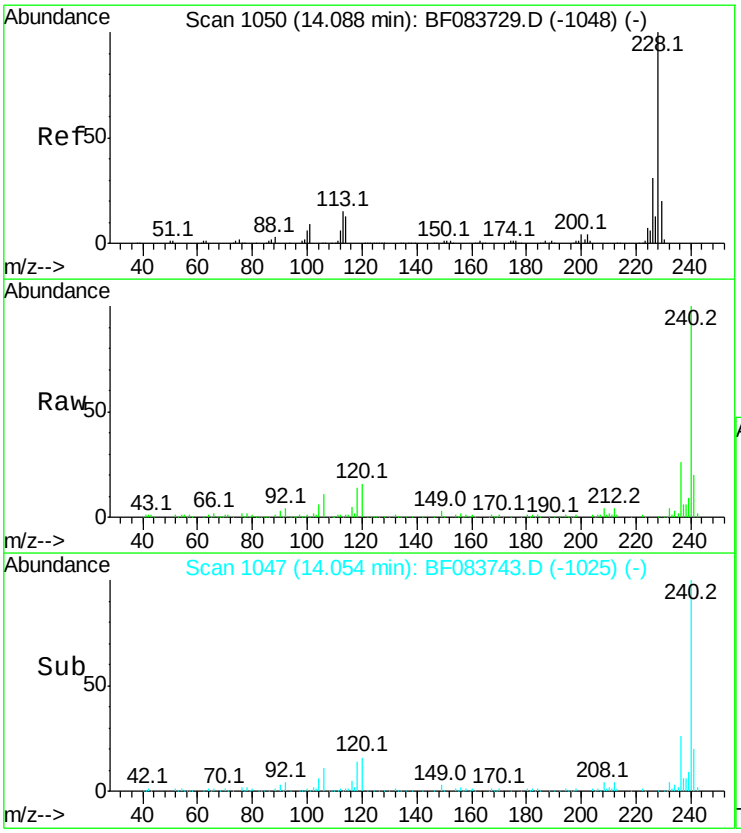
#80
Benzo(a)anthracene
Concen: 0.11 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1797

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.3	33.5#
229	0.0	15.7	23.5#

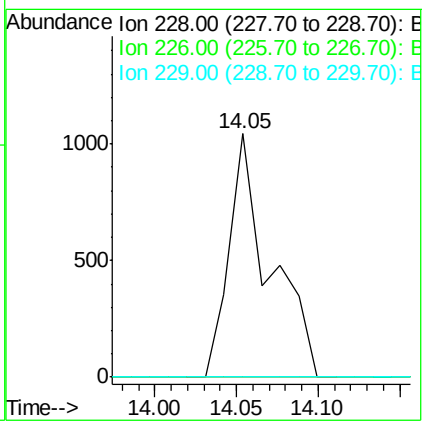


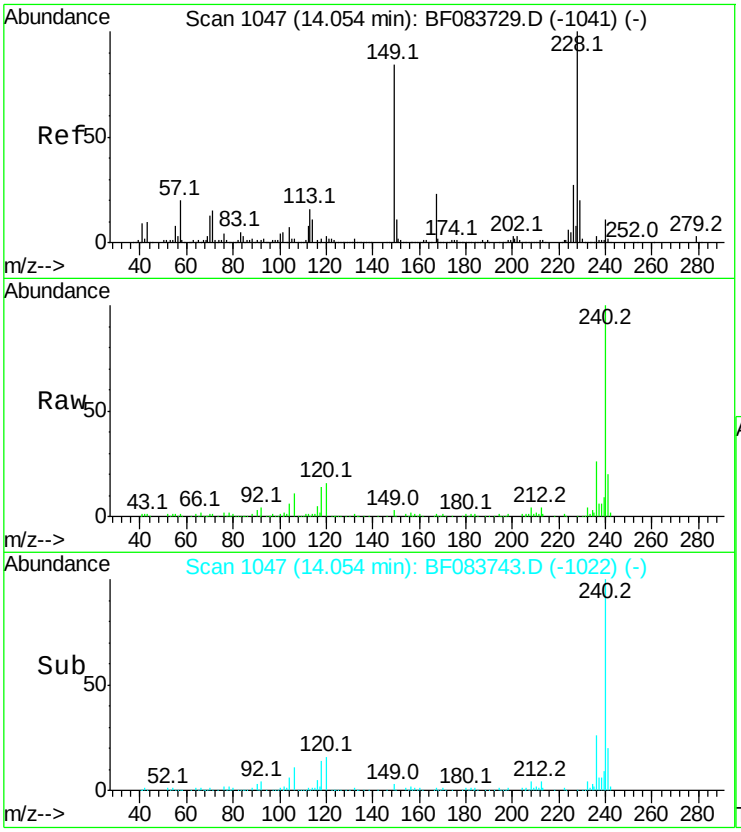


#82
Chrysene
Concen: 0.12 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:228 Resp: 1797

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	0.0	16.3	24.5#



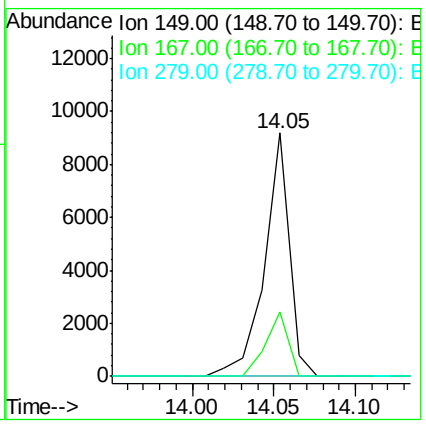


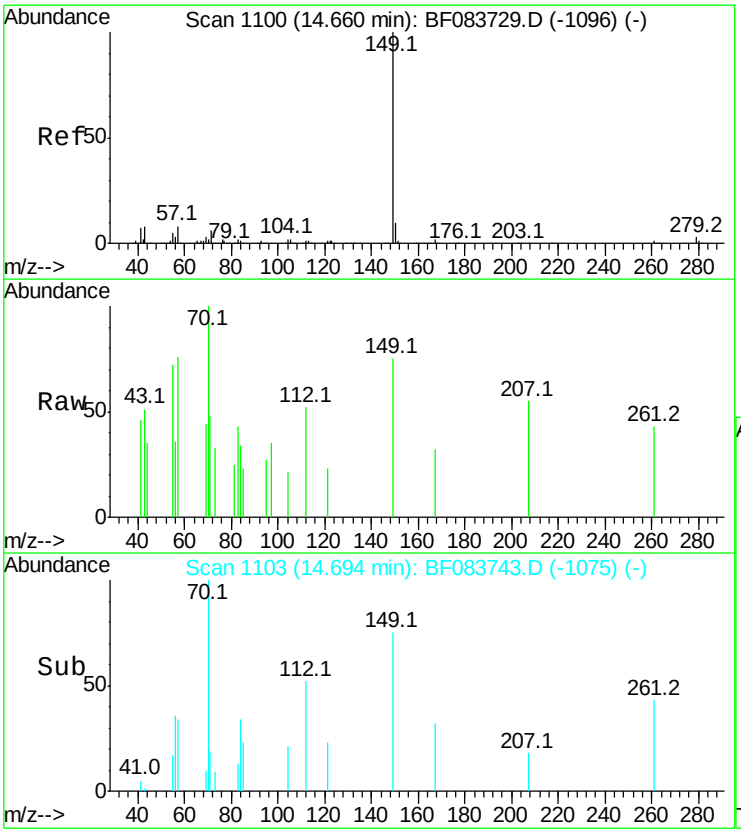
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.90 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 9745

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	0.0	3.0	4.4#

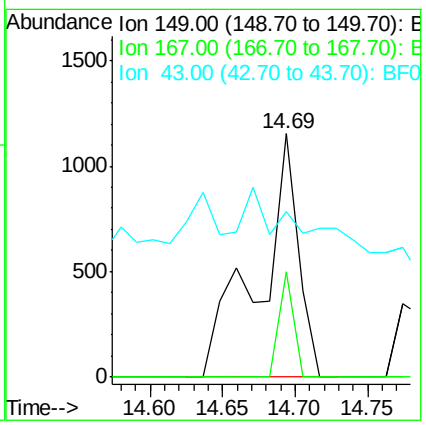


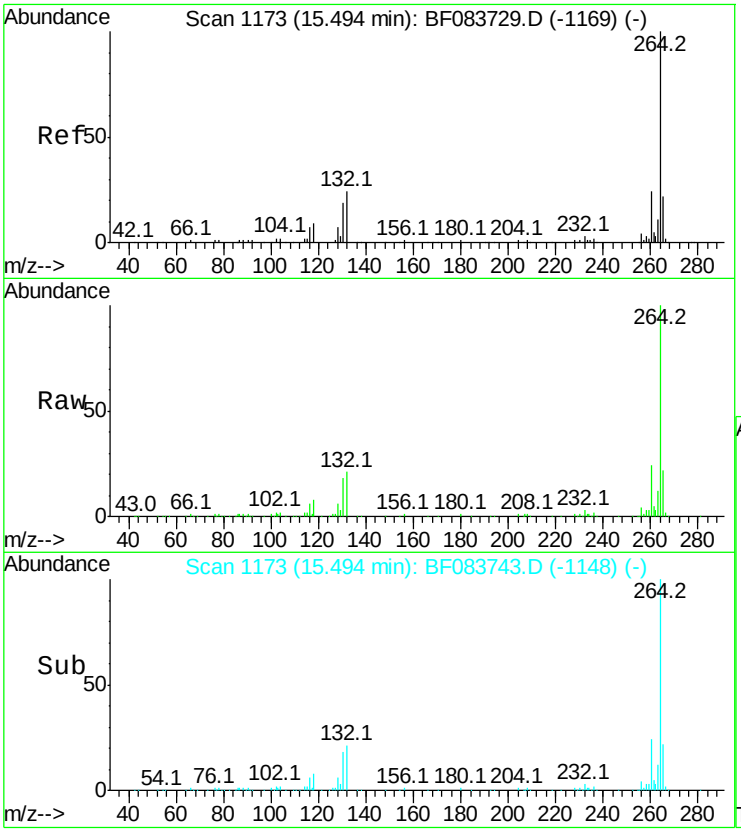


#84
Di-n-octyl phthalate
Concen: 0.13 ng
RT: 14.69 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:149 Resp: 2162

Ion	Ratio	Lower	Upper
149	100		
167	15.9	0.0	0.0#
43	0.0	0.0	0.0



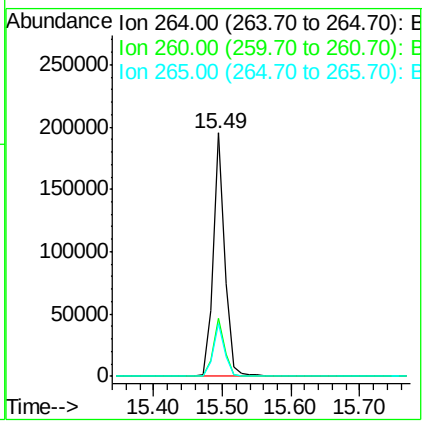


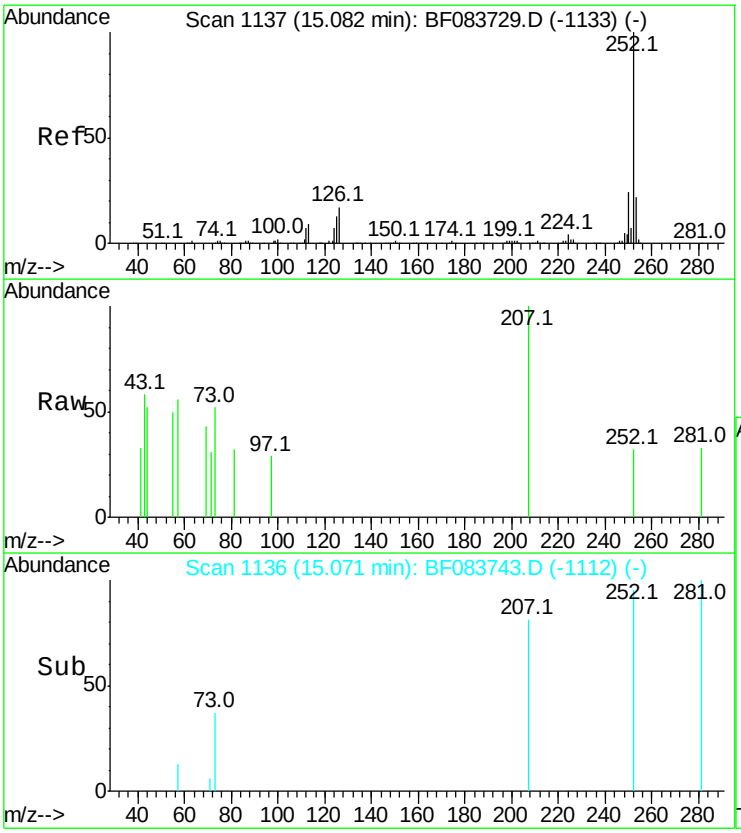
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 234063

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	17.8	26.6

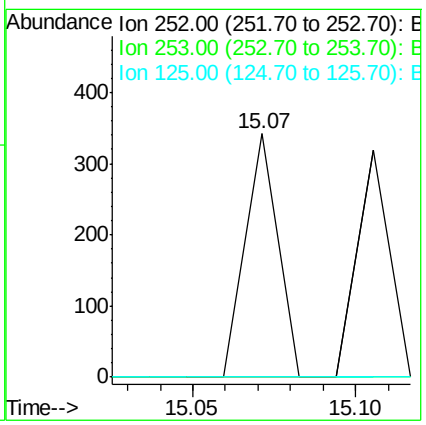


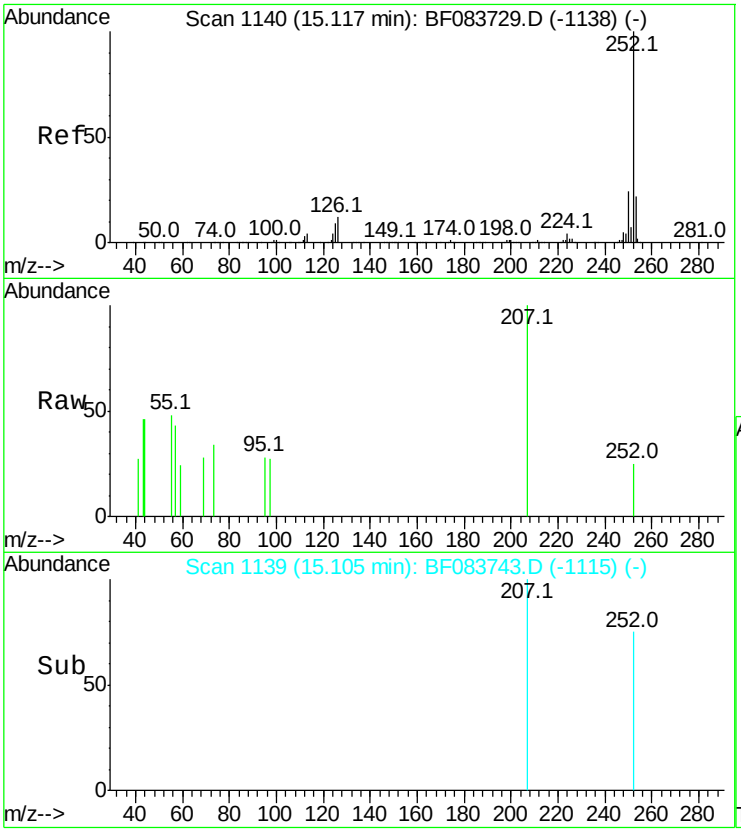


#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:252 Resp: 235

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	8.2	12.4#



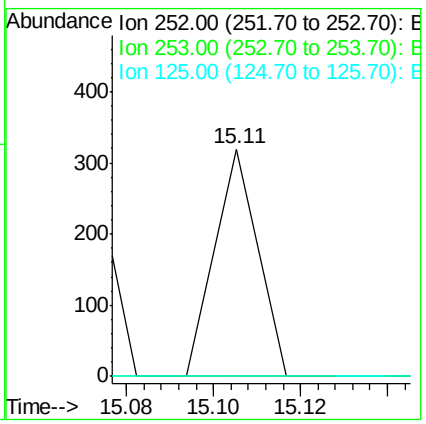


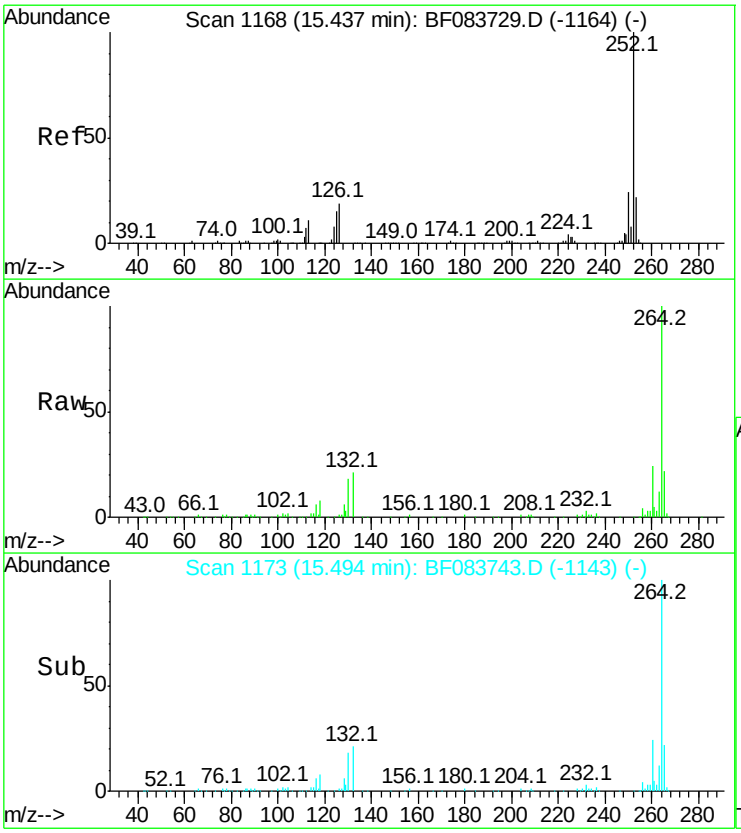
#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 219

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	27.8#
125	0.0	11.5	17.3#





#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.05 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:252 Resp: 385

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	11.0	16.6#