Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083741.D
Acq On : 13 Dec 2015 20:48
Operator : UM/IZ
Sample : G4648-23
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 02:32:16 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	6.92	152	114534	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	512044	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	244959	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	473154	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	320300	20.00	ng		-0.02
86) Perylene-d12	15.49	264	253959	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	862077	121.43	ng		0.00
7) Phenol-d6	6.54	99	942546	104.84	ng		0.00
23) Nitrobenzene-d5	7.48	82	688955	75.28	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	283986	113.77	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1130547	62.63	ng		-0.01
78) Terphenyl-d14	13.01	244	978969	65.75	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.60	93	4511	0.37	ng	#	1
8) 2-Chlorophenol	6.70	128	601	0.07	ng	#	52
9) Benzaldehyde	6.45	77	76116	15.76	ng	#	1
10) Phenol	6.56	94	20279	1.96	ng		94
11) bis(2-Chloroethyl)ether	6.68	93	3266	0.44	ng	#	1
15) Benzyl Alcohol	7.08	79	25183	3.81	ng	#	42
16) 2,2'-oxybis(1-Chloropropan	6.99	45	289	0.03	ng	#	1
17) 2-Methylphenol	7.21	107	6031	0.90	ng	#	1
18) Hexachloroethane	7.46	117	59928	18.86	ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	40056	7.28	ng	#	61
20) 3+4-Methylphenols	7.32	107	3069	0.39	ng	#	1
22) Acetophenone	7.32	105	346755	27.60	ng	#	55
24) Nitrobenzene	7.46	77	44187	4.64	ng	#	53
25) Isophorone	7.73	82	40673	2.27	ng	#	1
26) 2-Nitrophenol	7.84	139	2290	0.50	ng	#	1
27) 2,4-Dimethylphenol	7.87	122	7289	0.81	ng	#	11
28) bis(2-Chloroethoxy)methane	7.95	93	3474	0.34	ng	#	1
29) 2,4-Dichlorophenol	8.05	162	3482	0.47	ng	#	39
31) Naphthalene	8.22	128	175695	6.58	ng		99
32) Benzoic acid	7.92	122	435	0.08	ng	#	1
33) 4-Chloroaniline	8.22	127	28008	2.57	ng	#	37
35) Caprolactam	8.64	113	1931	0.81	ng	#	83
36) 4-Chloro-3-methylphenol	8.75	107	1043	0.12	ng	#	26
37) 2-Methylnaphthalene	8.91	142	12229	0.73	ng		98
45) 1,1'-Biphenyl	9.38	154	674	0.03	ng	#	43
47) 2-Nitroaniline	9.66	65	3190	0.70	ng	#	1
48) Acenaphthylene	9.61	152	206	0.01	ng	#	1
49) Dimethylphthalate	9.66	163	307412	16.10	ng		99
50) 2,6-Dinitrotoluene	9.66	165	3579	0.88	ng	#	11
51) Acenaphthene	9.95	154	990	0.06	ng	#	4
54) Dibenzofuran	9.94	168	257	0.01	ng	#	47
56) 2,4-Dinitrotoluene	9.95	165	32394	6.12	ng	#	12
57) Fluorene	10.74	166	14177	0.83	ng	#	94
59) Diethylphthalate	10.37	149	4873	0.25	ng		98

Quantitation Report (Not Reviewed)

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Acq On : 13 Dec 2015 20:48
Operator : UM/IZ
Sample : G4648-23
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 02:32:16 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)
62) Azobenzene	10.66	77	234	0.01	ng	#	9
64) 4,6-Dinitro-2-methylphenol	10.74	198	857	0.32	ng	#	16
65) n-Nitrosodiphenylamine	10.61	169	422	0.03	ng	#	24
66) 4-Bromophenyl-phenylether	10.74	248	20231	3.82	ng	#	1
70) Phenanthrene	11.45	178	654	0.03	ng	#	60
71) Anthracene	11.45	178	654	0.03	ng	#	60
73) Di-n-butylphthalate	12.00	149	6667	0.23	ng		97
74) Fluoranthene	12.87	202	239	0.01	ng		64
77) Pyrene	12.87	202	239	0.01	ng	#	57
79) Butylbenzylphthalate	13.49	149	220	0.02	ng	#	64
80) Benzo(a)anthracene	14.05	228	905	0.05	ng	#	51
82) Chrysene	14.05	228	905	0.05	ng	#	49
83) Bis(2-ethylhexyl)phthalate	14.05	149	4967	0.40	ng	#	95
84) Di-n-octyl phthalate	14.66	149	729	0.04	ng	#	100
89) Benzo(a)pyrene	15.49	252	672	0.05	ng	#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083741.D
Acq On : 13 Dec 2015 20:48
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Sample : G4648-23
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Dec 14 02:32:16 2015
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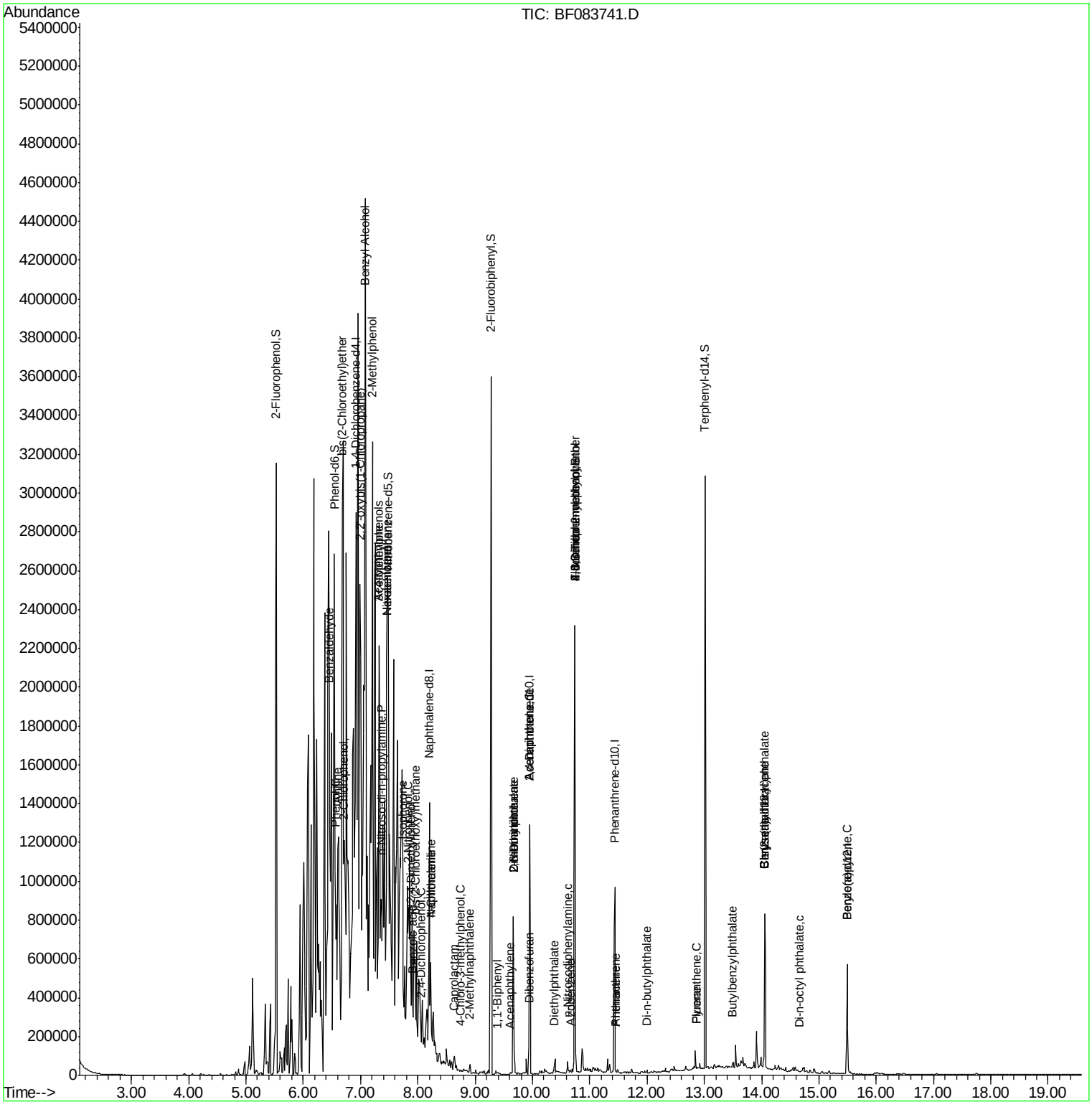
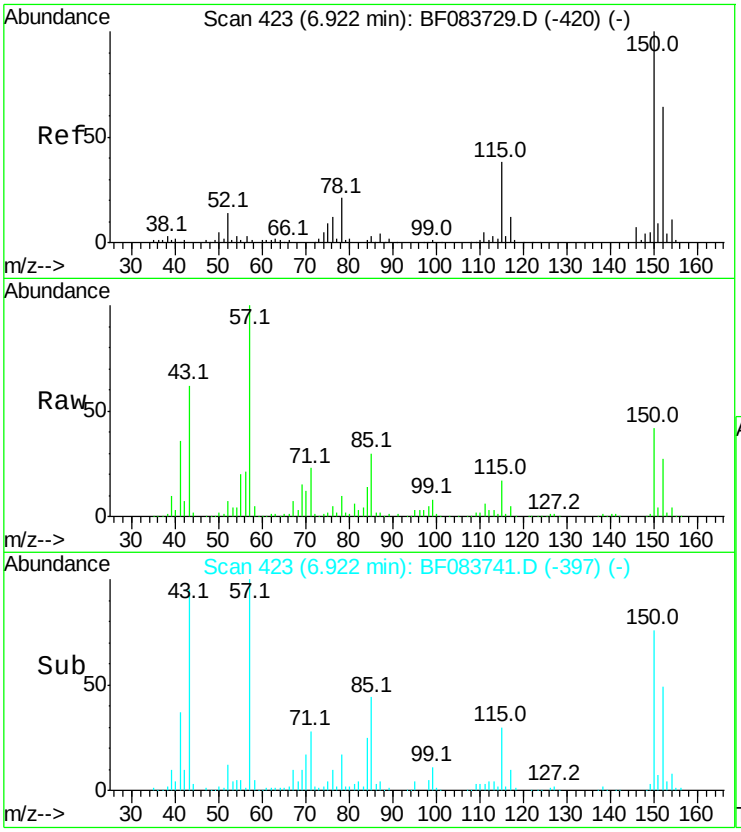
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



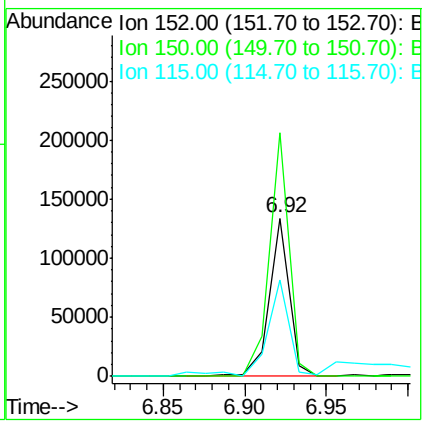


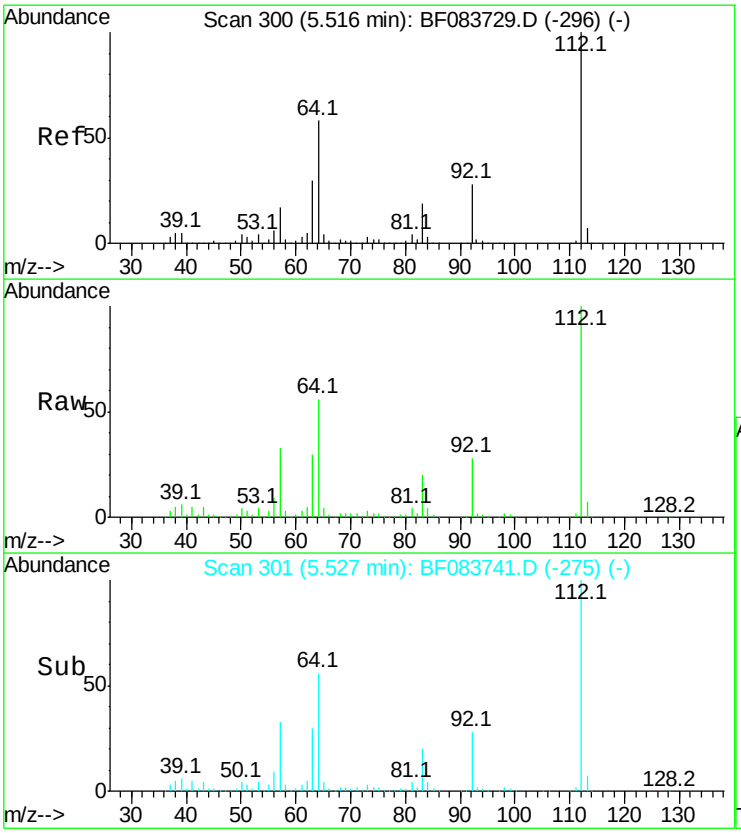
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114534

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.5	189.7
115	61.1	52.3	78.5

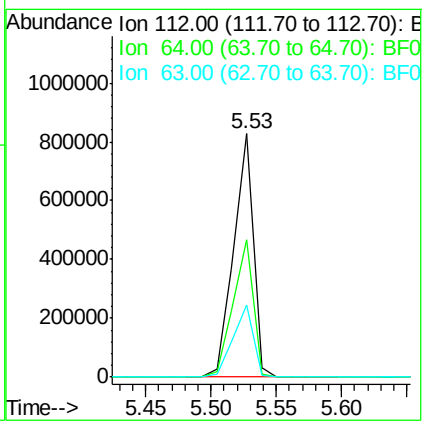


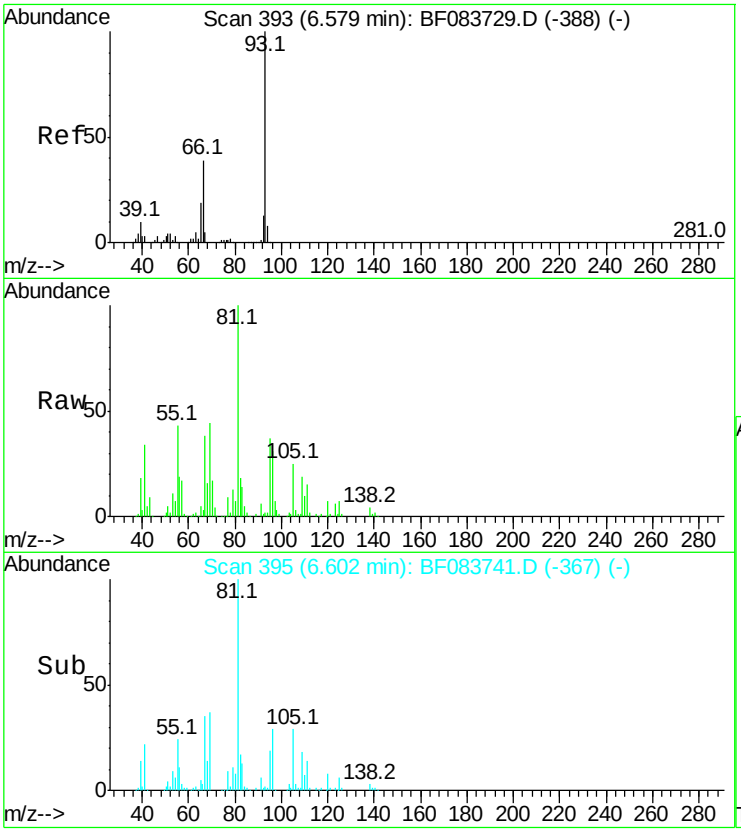


#5
2-Fluorophenol
Concen: 121.43 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:112 Resp: 862077

Ion	Ratio	Lower	Upper
112	100		
64	56.3	50.5	75.7
63	29.6	25.8	38.6



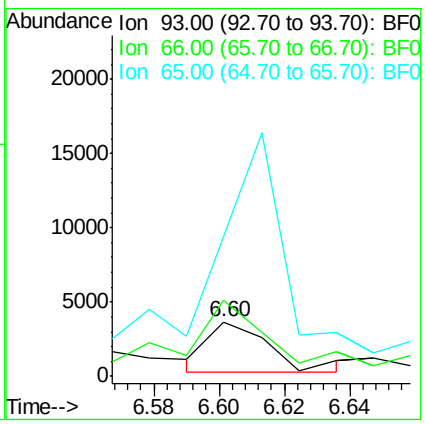


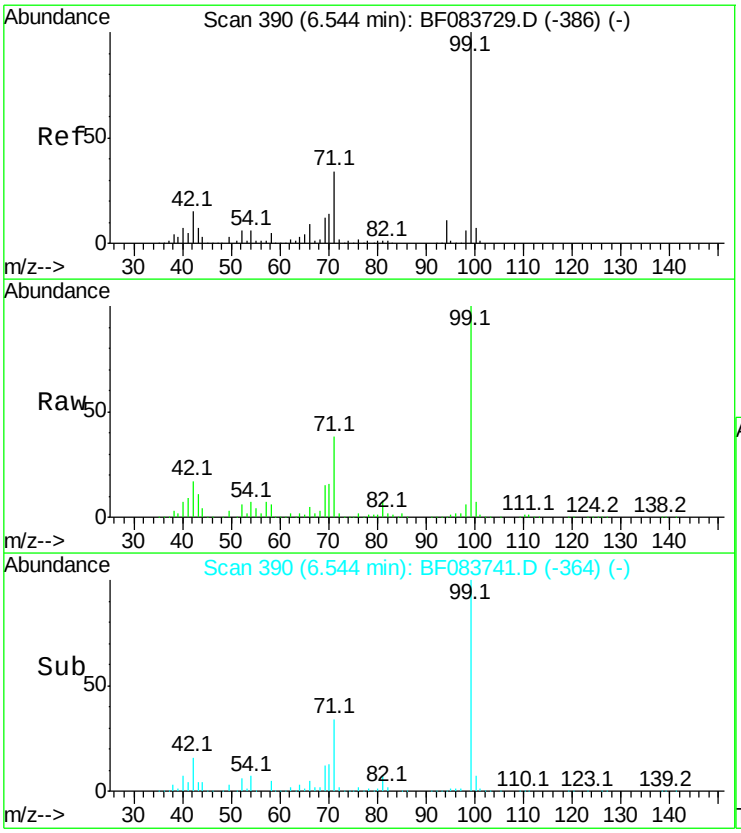
#6
Aniline
Concen: 0.37 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.02 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 4511

Ion	Ratio	Lower	Upper
93	100		
66	140.0	41.3	61.9#
65	258.0	20.8	31.2#

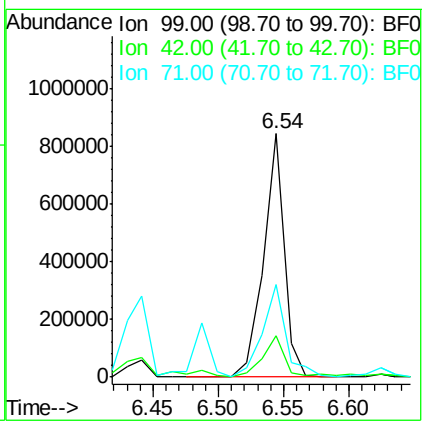


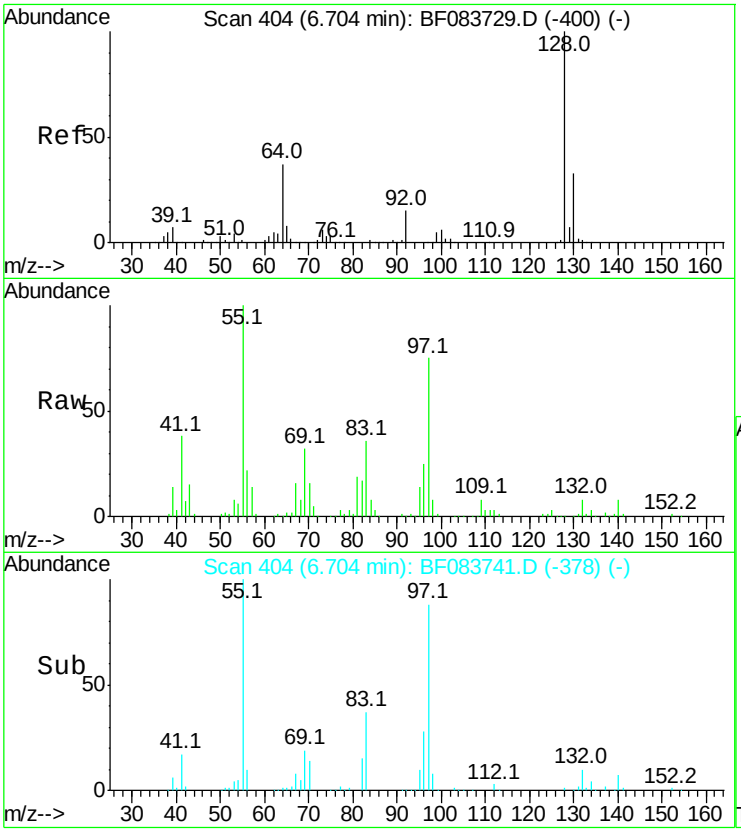


#7
Phenol-d6
Concen: 104.84 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion: 99 Resp: 942546

Ion	Ratio	Lower	Upper
99	100		
42	16.9	17.3	25.9#
71	37.8	26.6	40.0



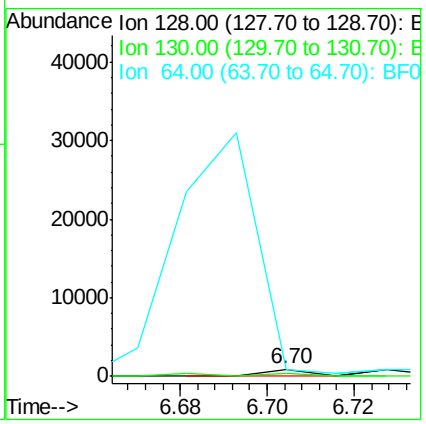


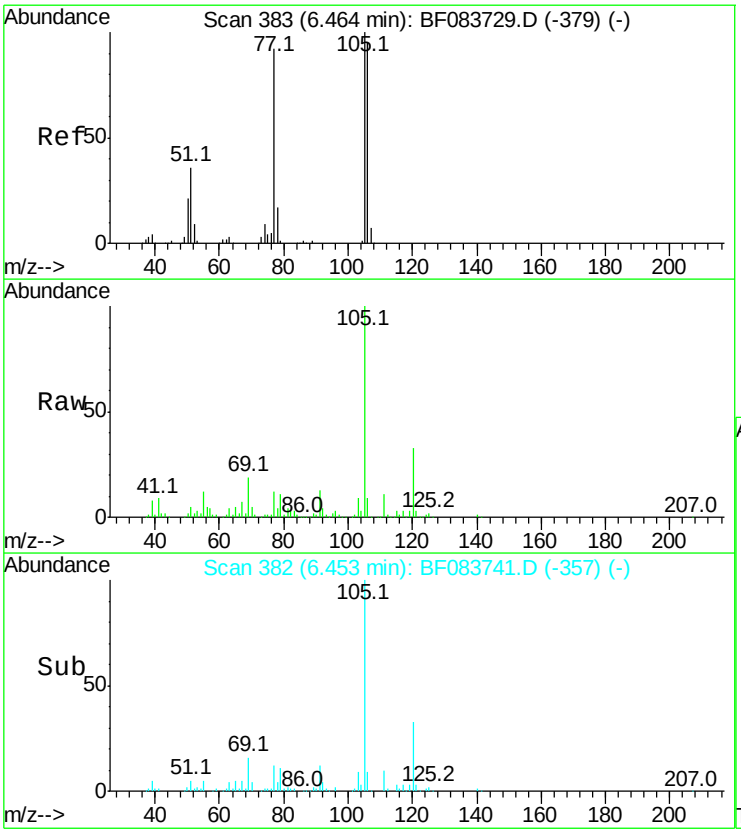
#8
2-Chlorophenol
Concen: 0.07 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 601

Ion	Ratio	Lower	Upper
128	100		
130	45.5	12.6	52.6
64	104.6	38.6	78.6#

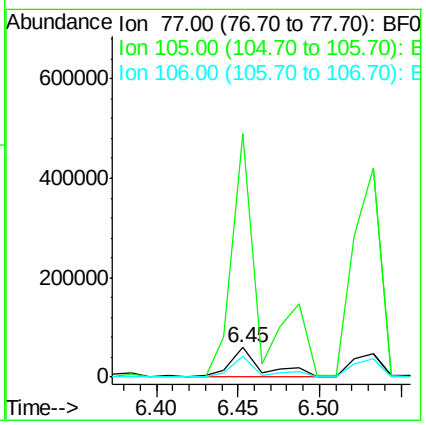


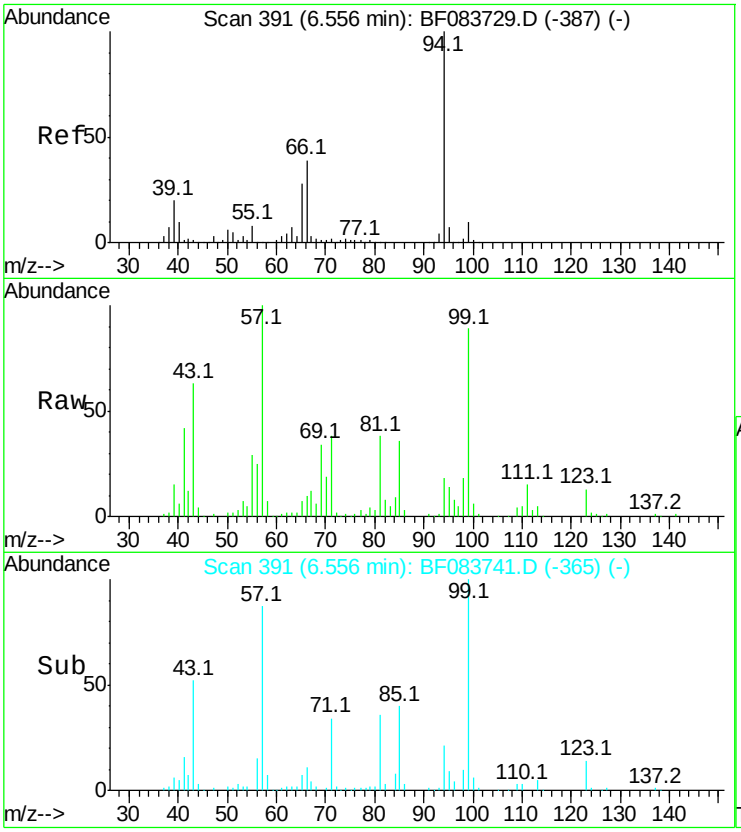


#9
Benzaldehyde
Concen: 15.76 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion: 77 Resp: 76116

Ion	Ratio	Lower	Upper
77	100		
105	824.3	71.8	111.8#
106	72.8	66.8	106.8



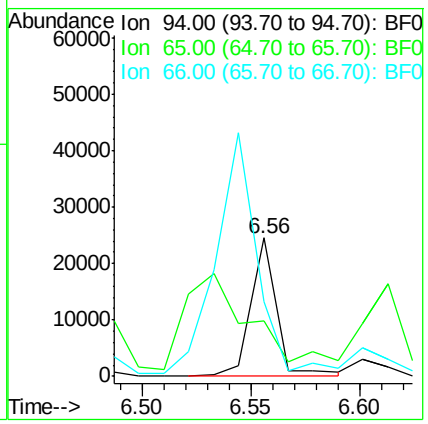


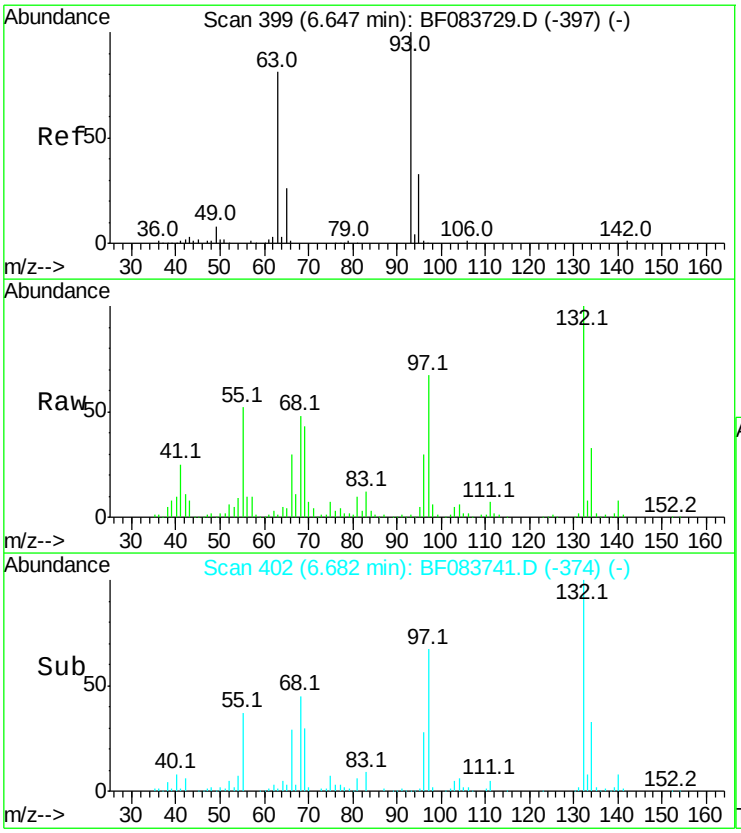
#10
Phenol
Concen: 1.96 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 20279

Ion	Ratio	Lower	Upper
94	100		
65	40.0	20.9	60.9
66	54.2	41.6	81.6

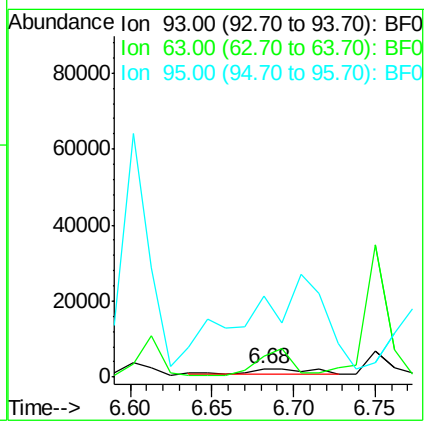


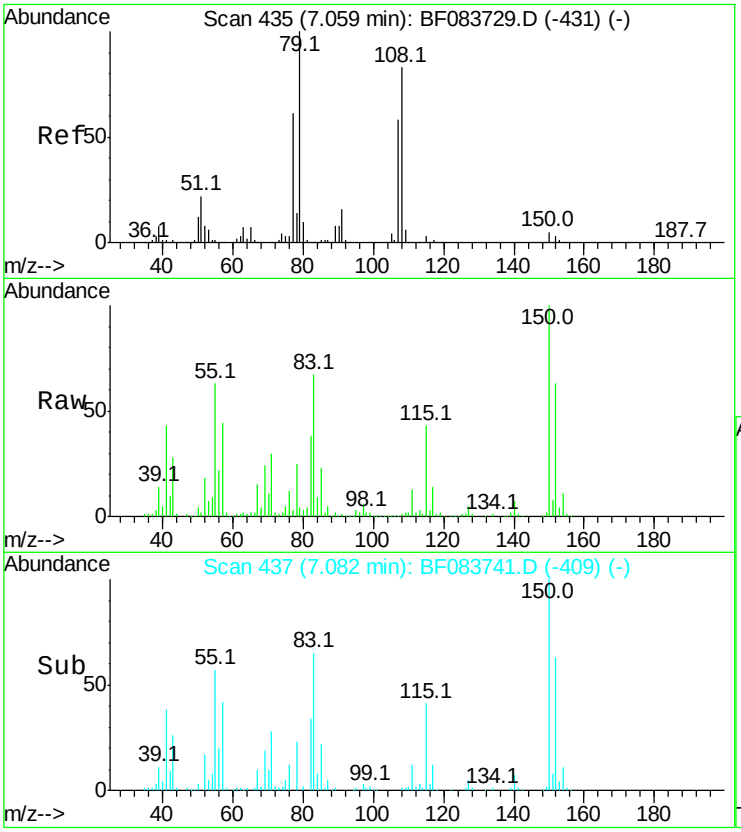


#11
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.02 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion: 93 Resp: 3266

Ion	Ratio	Lower	Upper
93	100		
63	244.8	64.7	104.7#
95	936.0	12.7	52.7#



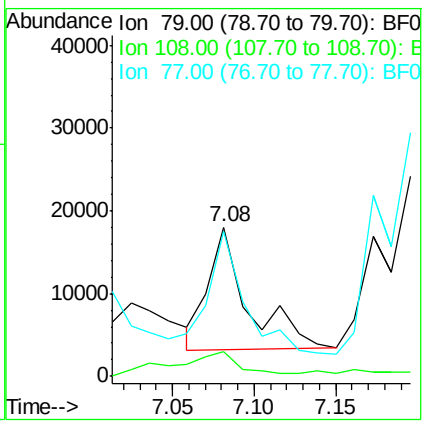


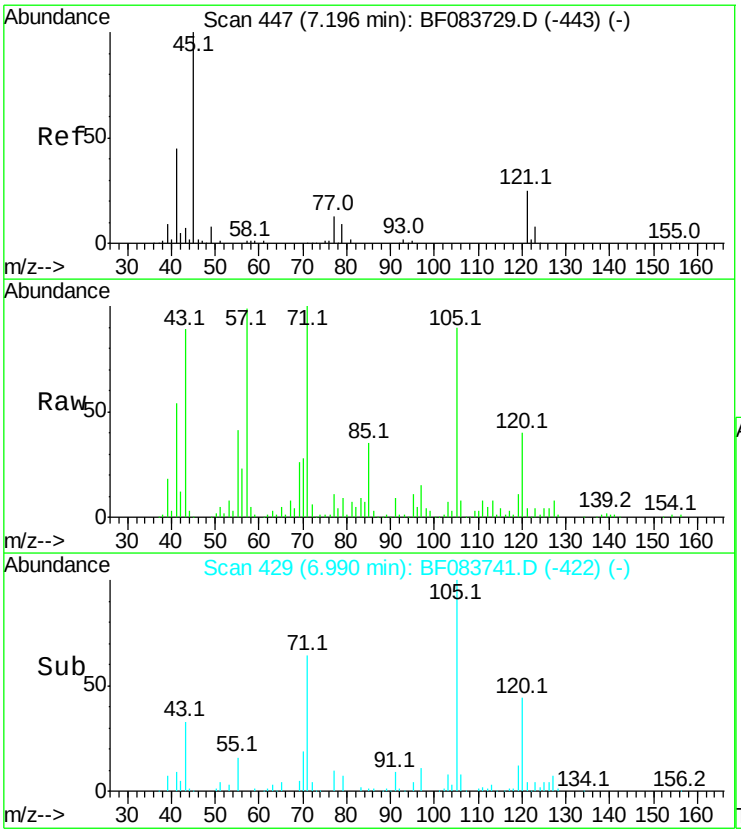
#15
Benzyl Alcohol
Concen: 3.81 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.02 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 25183

Ion	Ratio	Lower	Upper
79	100		
108	16.7	59.6	89.4#
77	97.5	49.8	74.6#

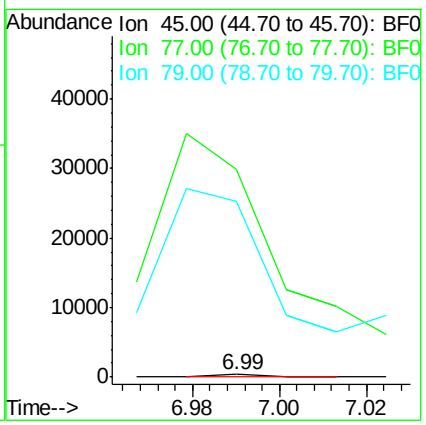


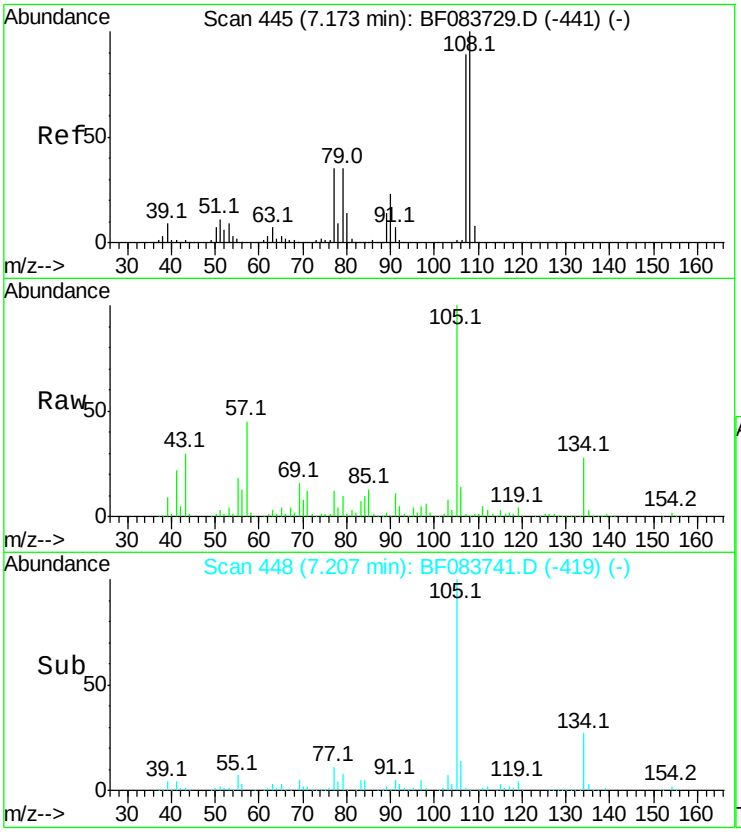


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.22 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion: 45 Resp: 289

Ion	Ratio	Lower	Upper
45	100		
77	7084.1	12.8	52.8#
79	6027.6	10.7	50.7#



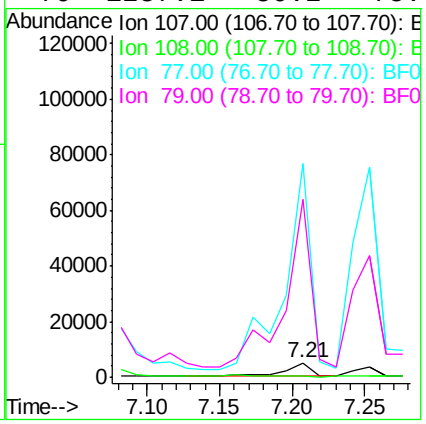


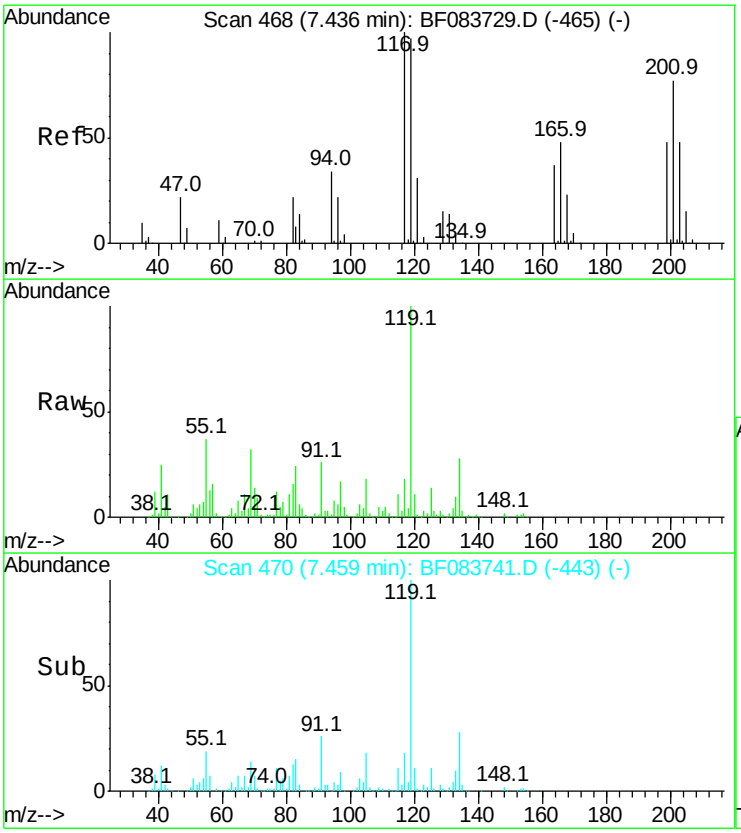
#17
2-Methylphenol
Concen: 0.90 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.03 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 6031

Ion	Ratio	Lower	Upper
107	100		
108	7.6	91.6	137.4#
77	1480.5	53.7	80.5#
79	1237.1	50.2	75.4#

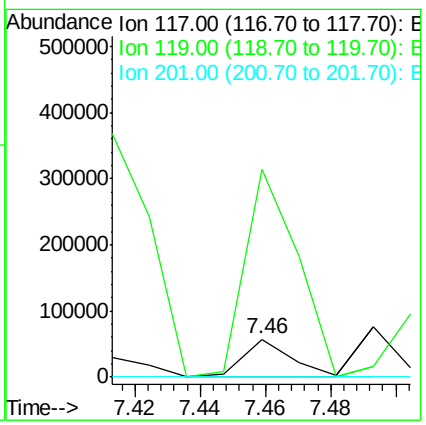


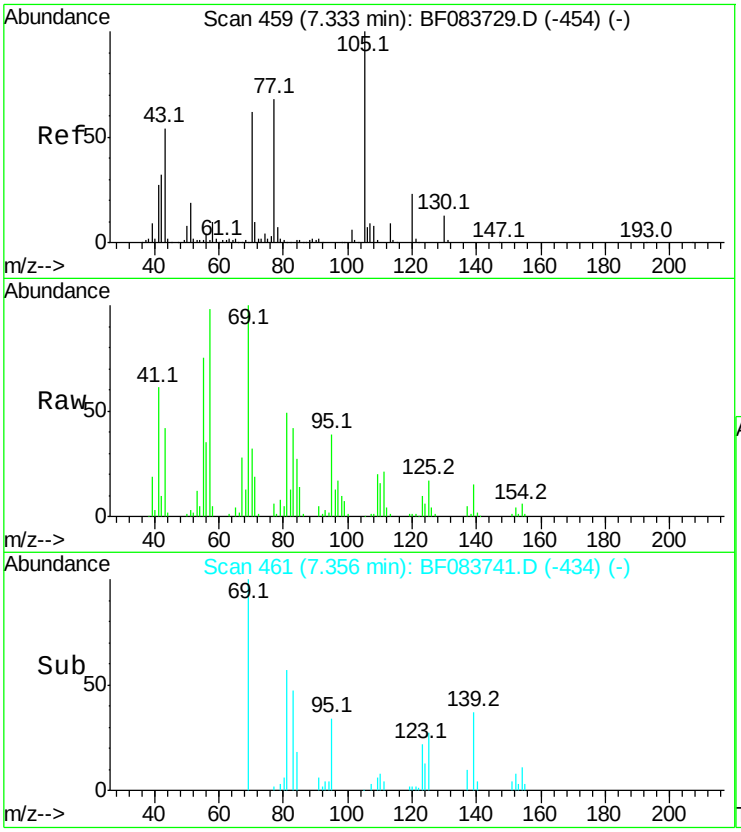


#18
Hexachloroethane
Concen: 18.86 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:117 Resp: 59928

Ion	Ratio	Lower	Upper
117	100		
119	551.4	77.2	115.8#
201	0.0	86.8	130.2#



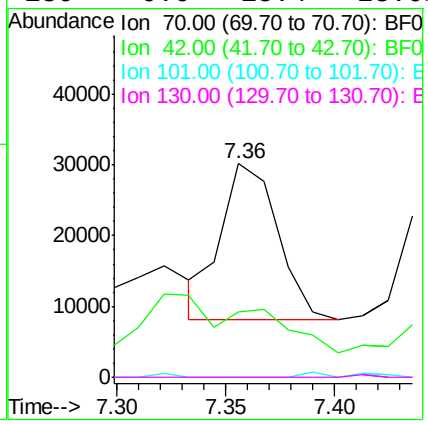


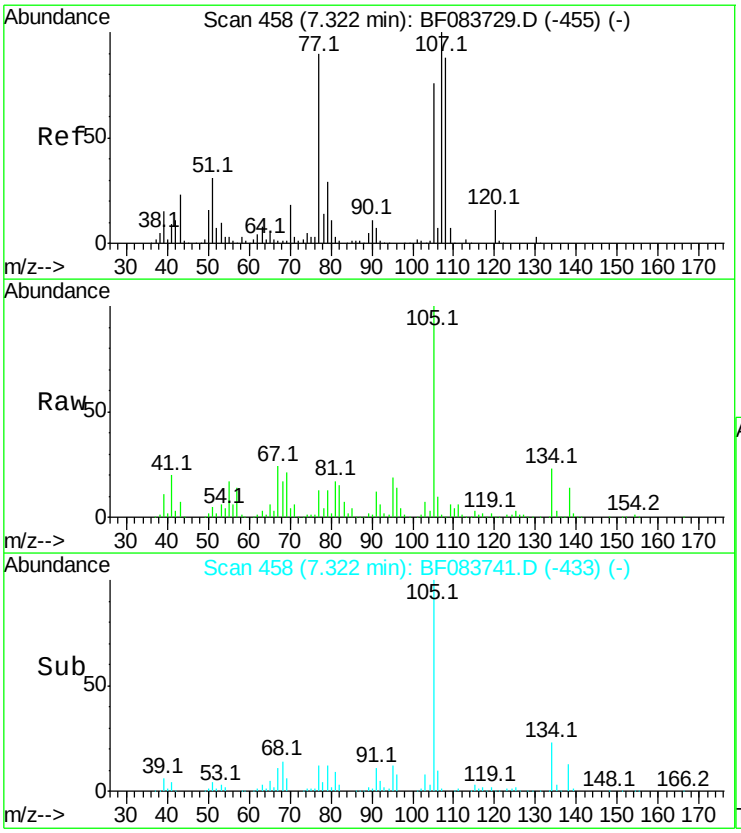
#19
n-Nitroso-di-n-propylamine
Concen: 7.28 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 40056

Ion	Ratio	Lower	Upper
70	100		
42	30.4	49.2	73.8#
101	0.0	7.1	10.7#
130	0.0	15.4	23.0#

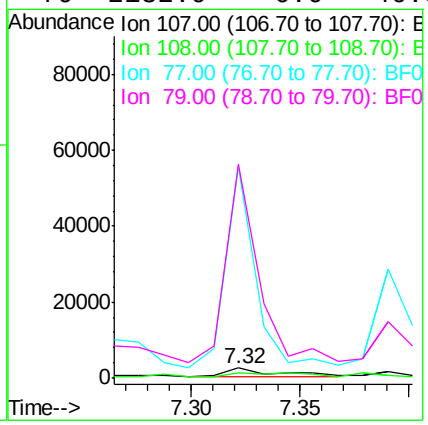


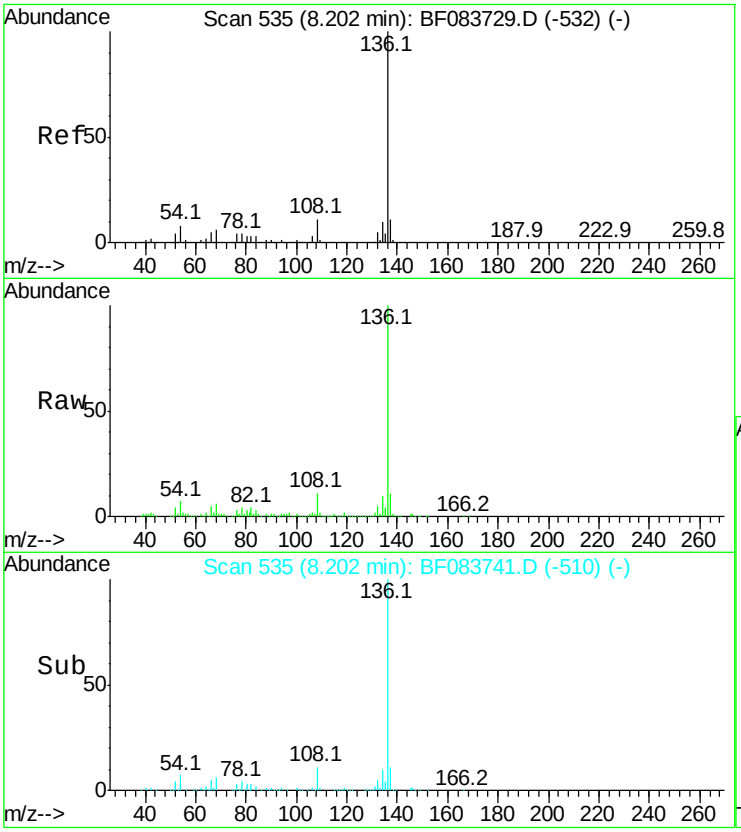


#20
3+4-Methylphenols
Concen: 0.39 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:107 Resp: 3069

Ion	Ratio	Lower	Upper
107	100		
108	45.7	65.2	105.2#
77	2107.5	15.2	55.2#
79	2132.9	6.0	46.0#



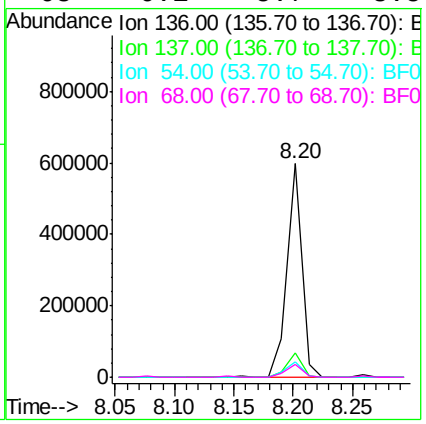


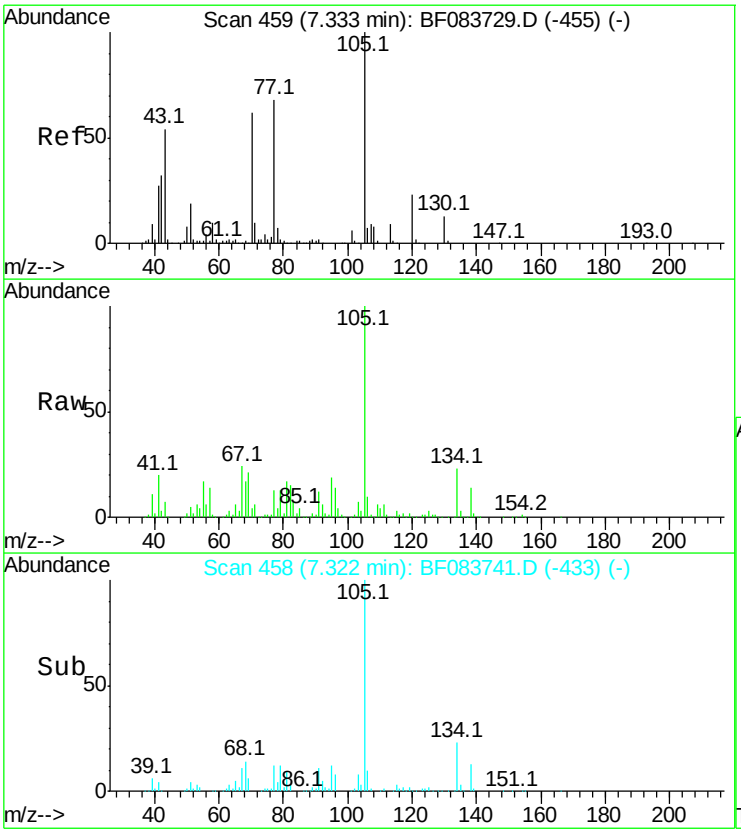
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 512044

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.2	7.8	11.6#
68	6.1	5.7	8.5

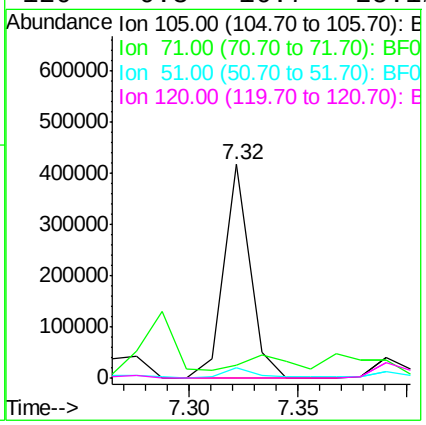


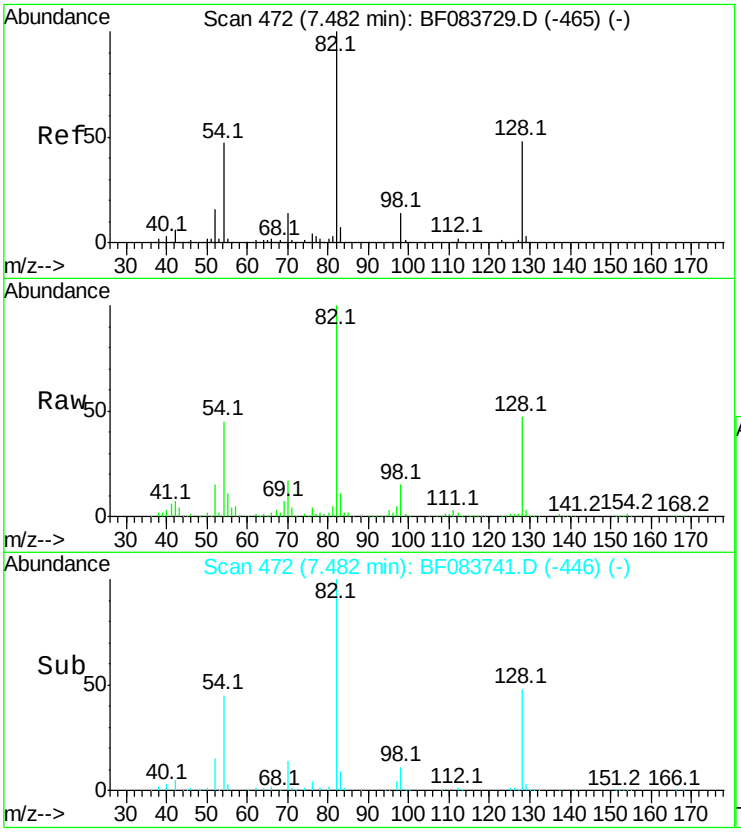


#22
Acetophenone
Concen: 27.60 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:105 Resp: 346755

Ion	Ratio	Lower	Upper
105	100		
71	5.8	1.3	1.9#
51	4.6	23.8	35.8#
120	0.3	16.7	25.1#



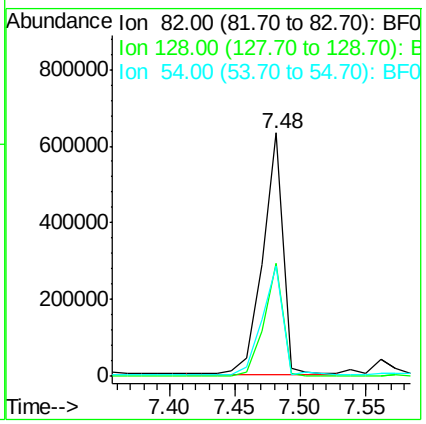


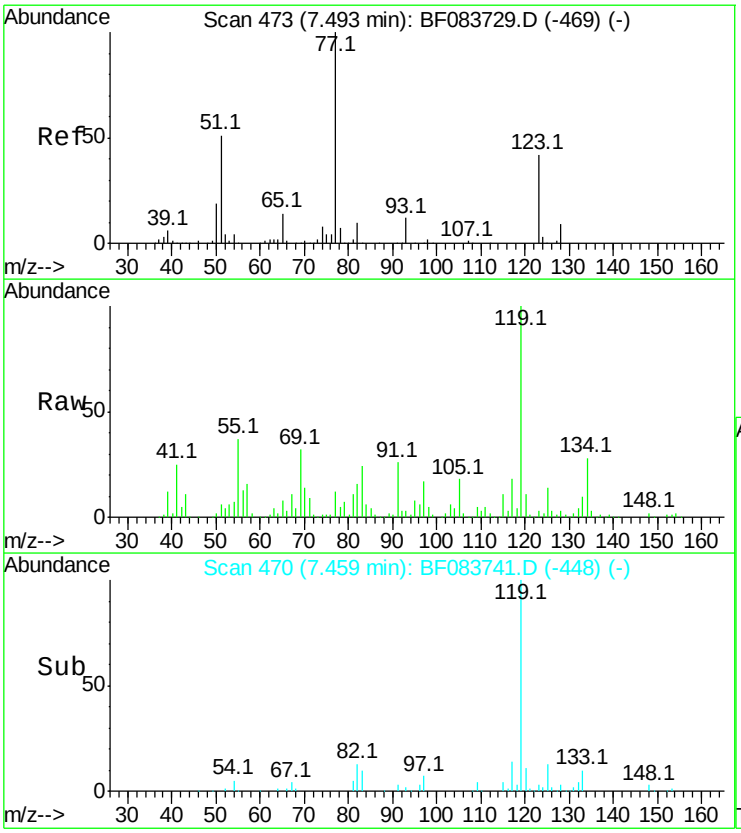
#23
Nitrobenzene-d5
Concen: 75.28 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 688955

Ion	Ratio	Lower	Upper
82	100		
128	46.6	30.7	46.1#
54	45.4	42.5	63.7

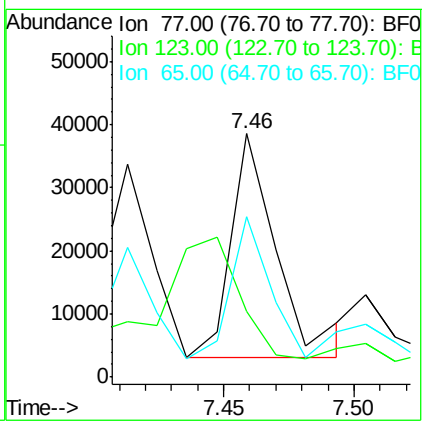


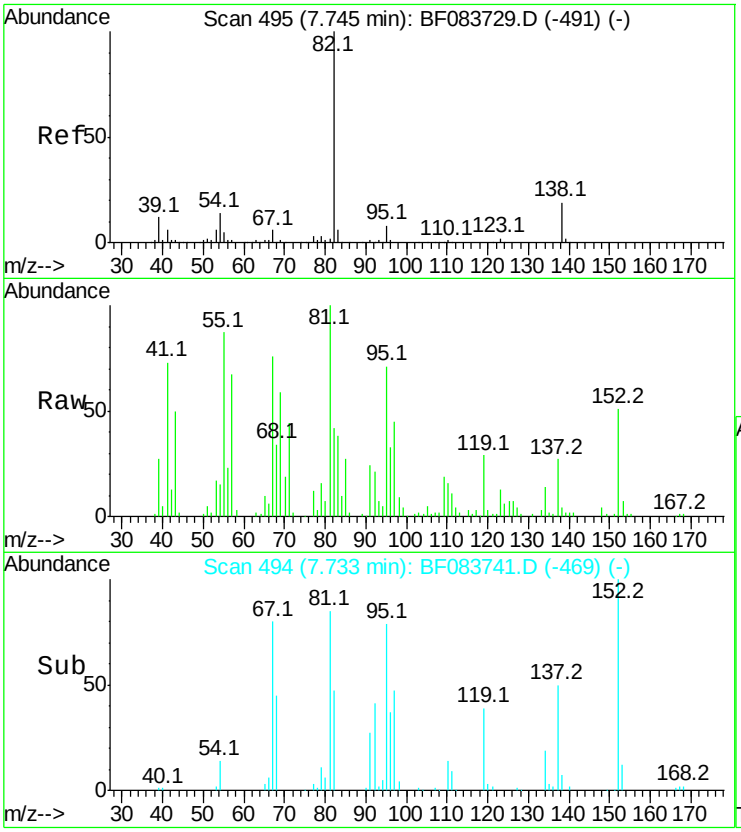


#24
Nitrobenzene
Concen: 4.64 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.05 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion: 77 Resp: 44187

Ion	Ratio	Lower	Upper
77	100		
123	27.1	29.8	44.6#
65	65.9	11.1	16.7#



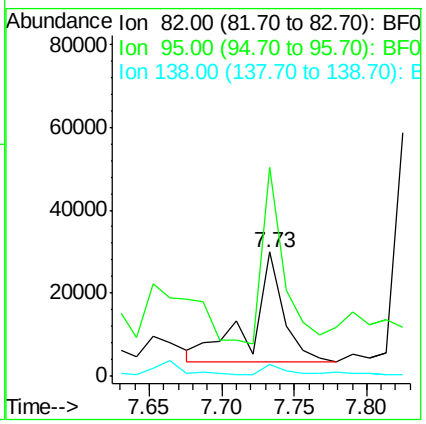


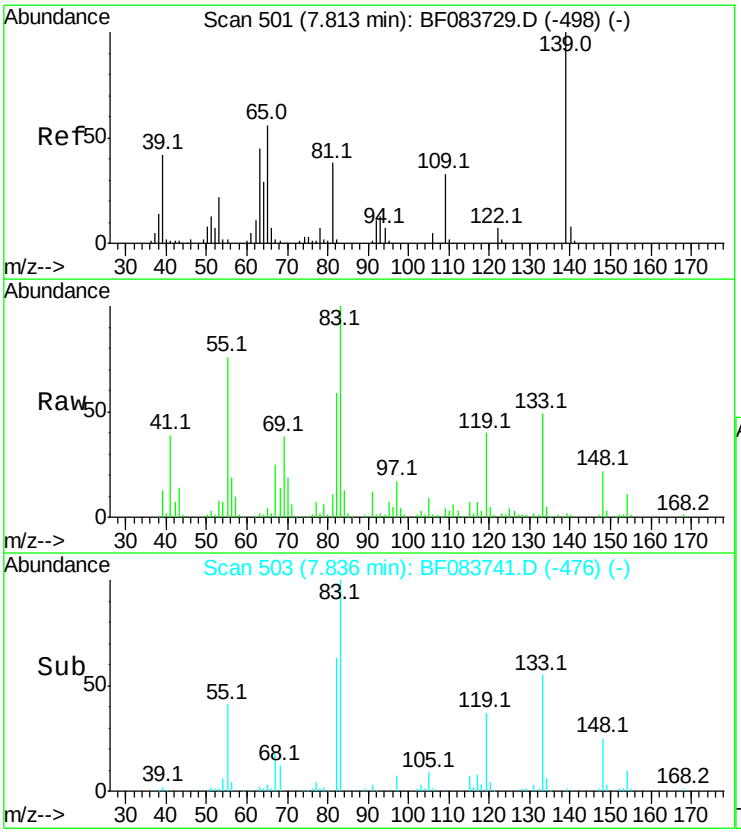
#25
Isophorone
Concen: 2.27 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 40673

Ion	Ratio	Lower	Upper
82	100		
95	168.3	5.0	7.4#
138	9.7	12.1	18.1#

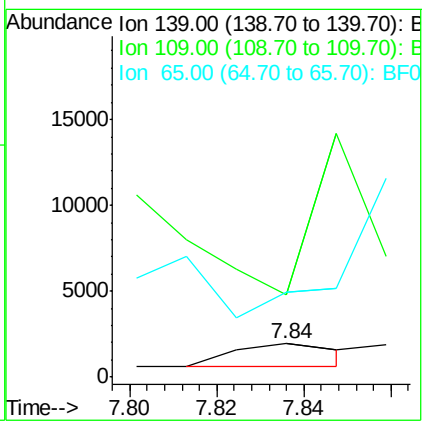


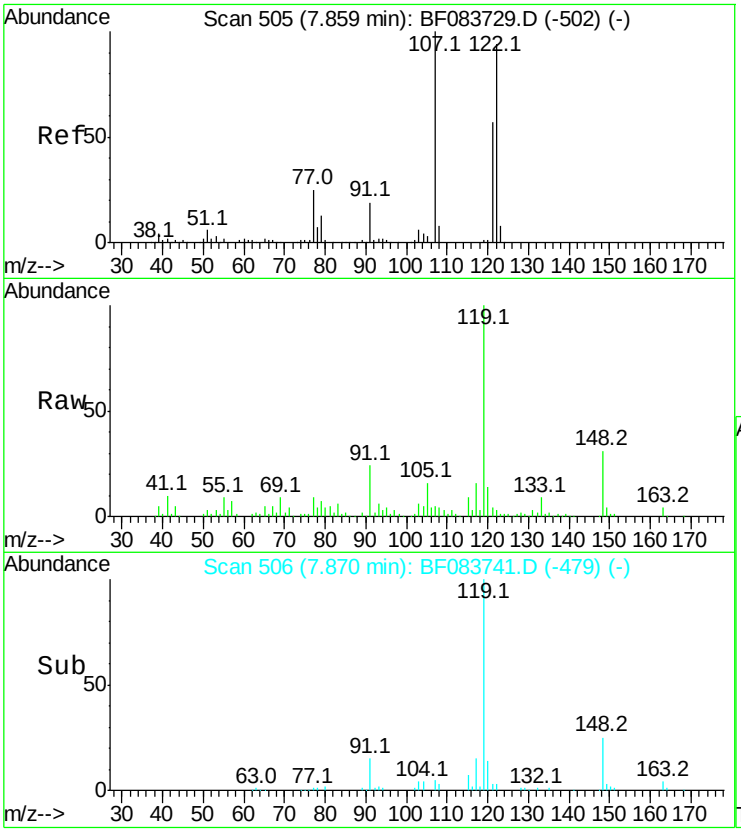


#26
2-Nitrophenol
Concen: 0.50 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:139 Resp: 2290

Ion	Ratio	Lower	Upper
139	100		
109	245.7	22.7	34.1#
65	252.5	51.8	77.8#



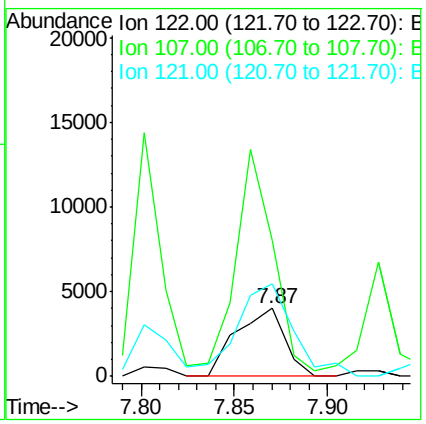


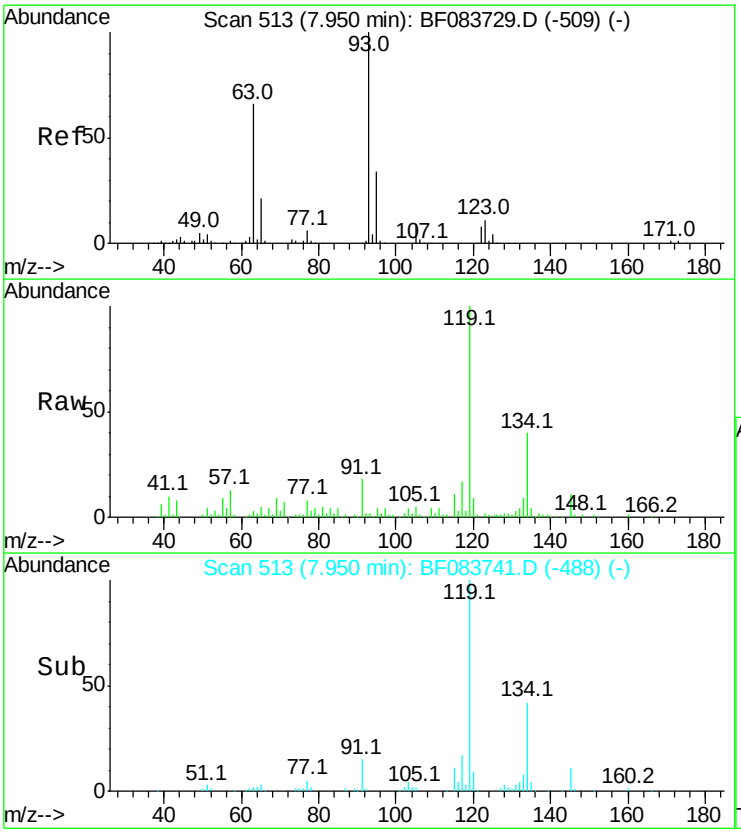
#27
2,4-Dimethylphenol
Concen: 0.81 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 7289

Ion	Ratio	Lower	Upper
122	100		
107	200.9	92.4	138.6#
121	137.3	45.8	68.6#

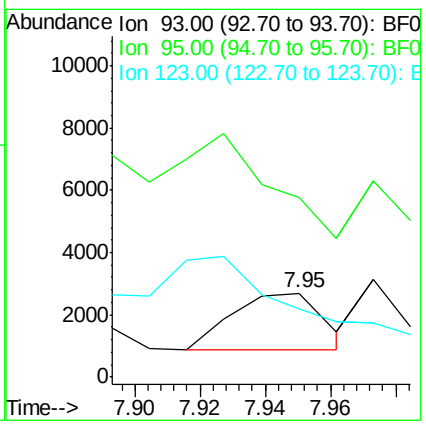


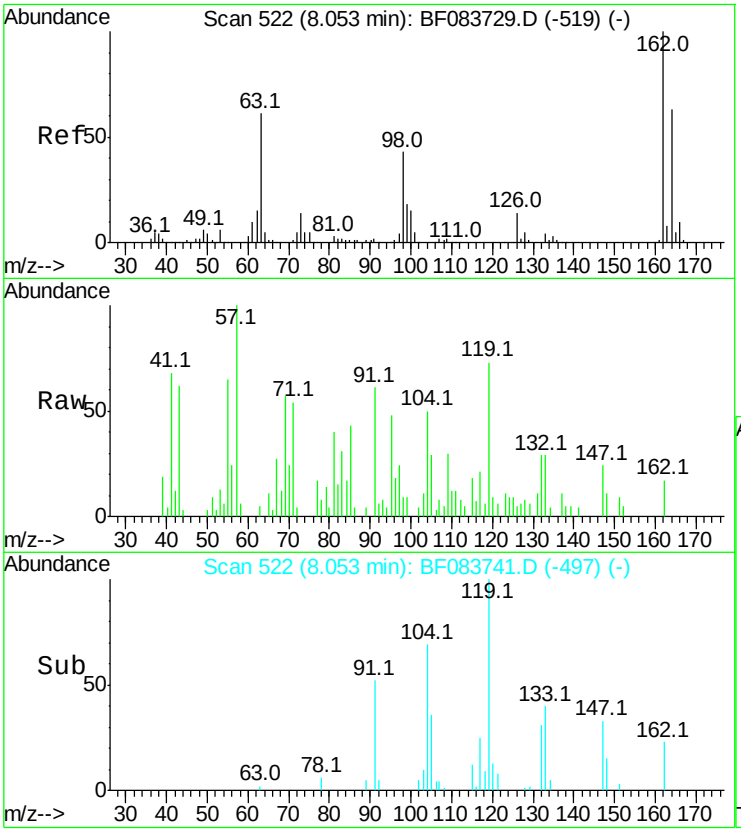


#28
bis(2-Chloroethoxy)methane
Concen: 0.34 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion: 93 Resp: 3474

Ion	Ratio	Lower	Upper
93	100		
95	214.6	25.6	38.4#
123	81.0	7.3	10.9#



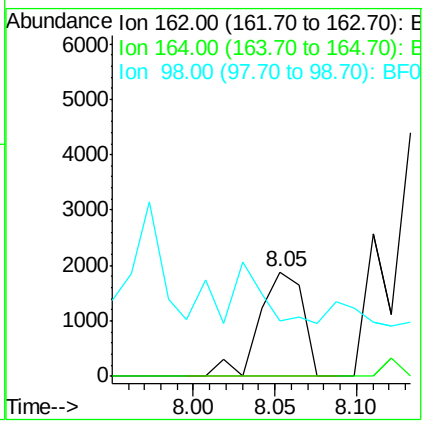


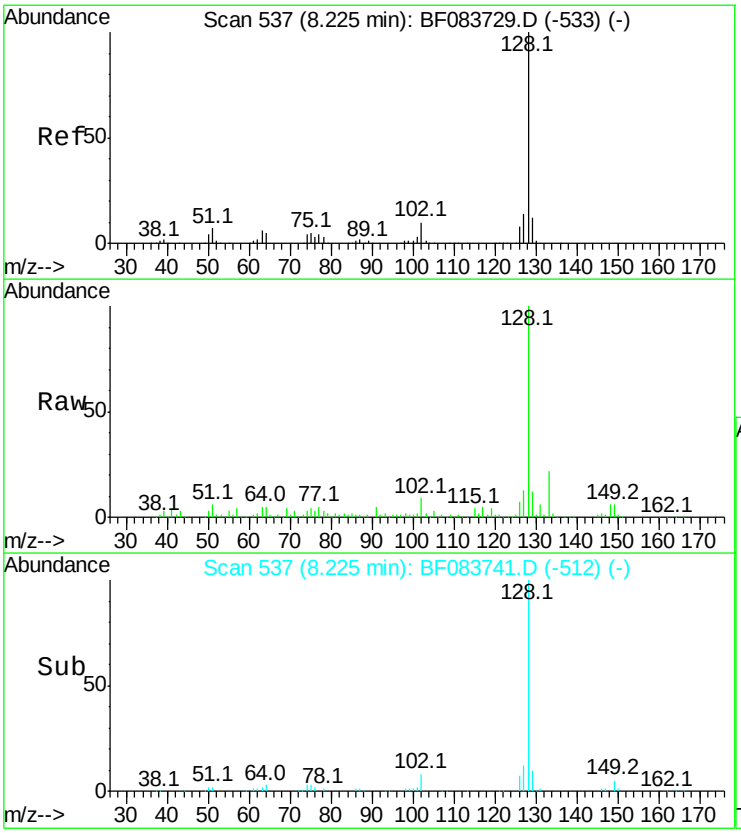
#29
2,4-Dichlorophenol
Concen: 0.47 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 3482

Ion	Ratio	Lower	Upper
162	100		
164	0.0	43.4	83.4#
98	52.9	17.5	57.5

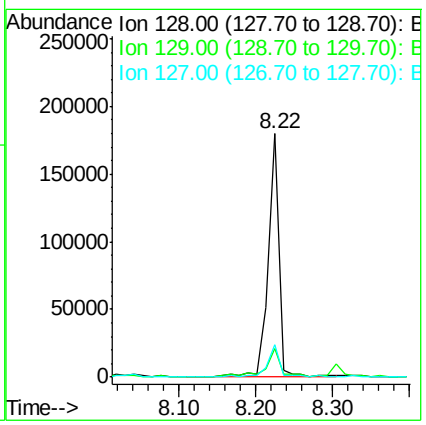


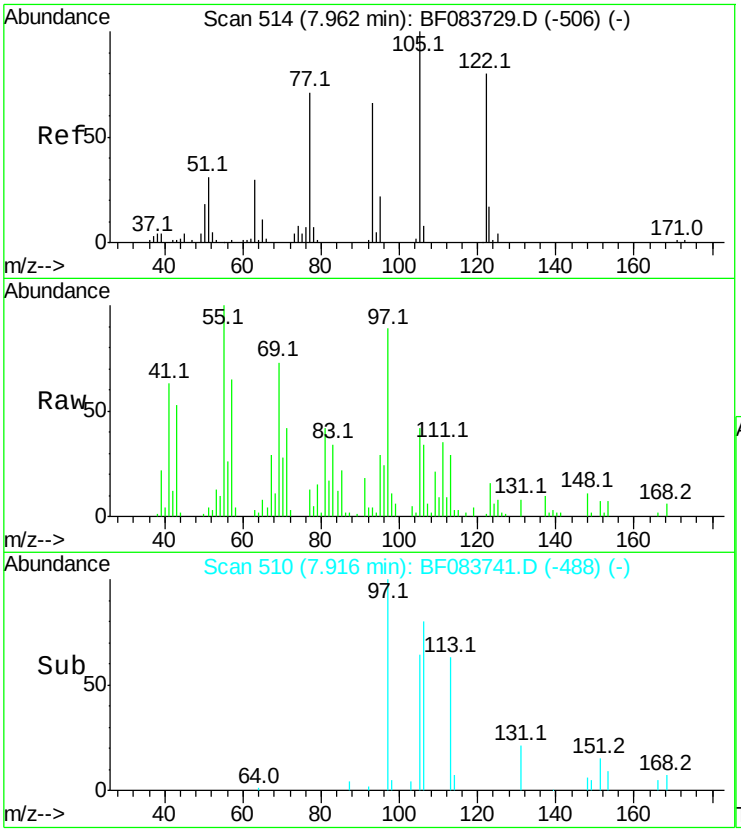


#31
Naphthalene
Concen: 6.58 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:128 Resp: 175695

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.4	10.6	16.0



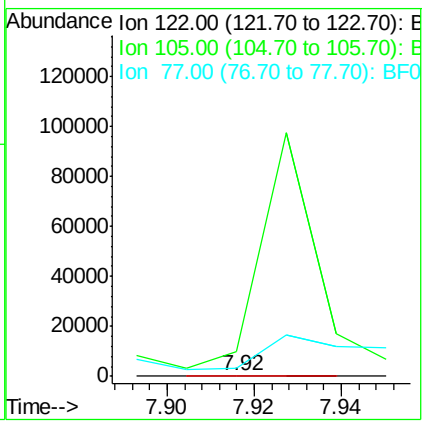


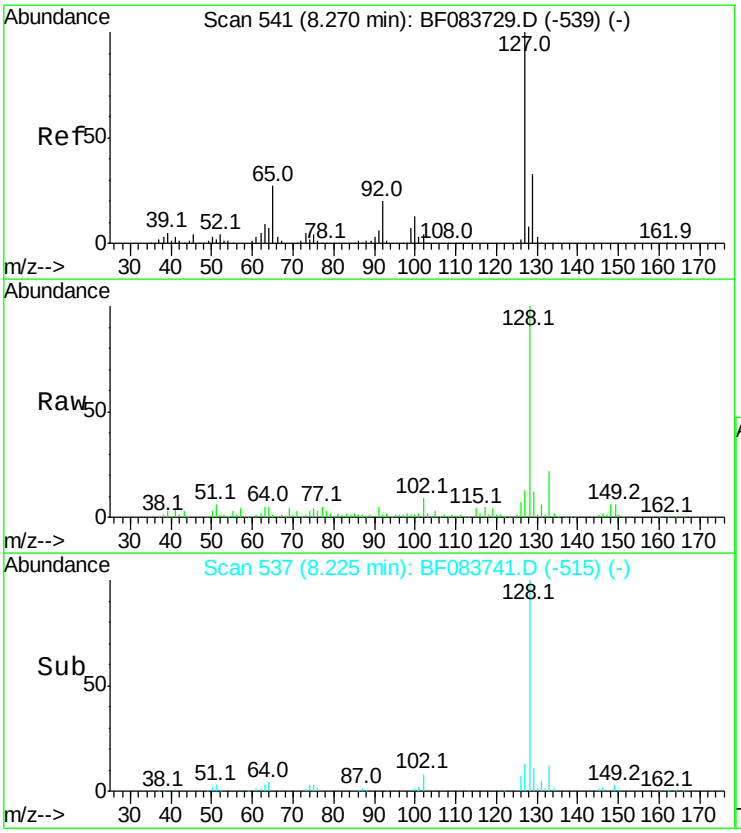
#32
Benzoic acid
Concen: 0.08 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 435

Ion	Ratio	Lower	Upper
122	100		
105	3062.6	105.6	145.6#
77	958.6	86.8	126.8#

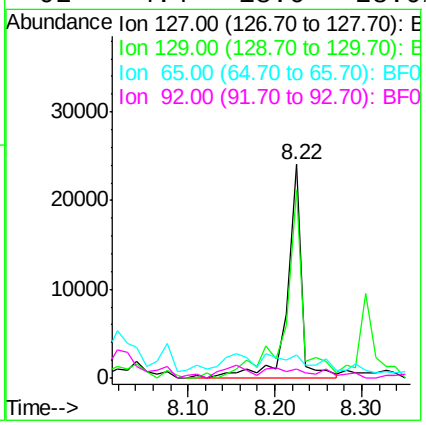


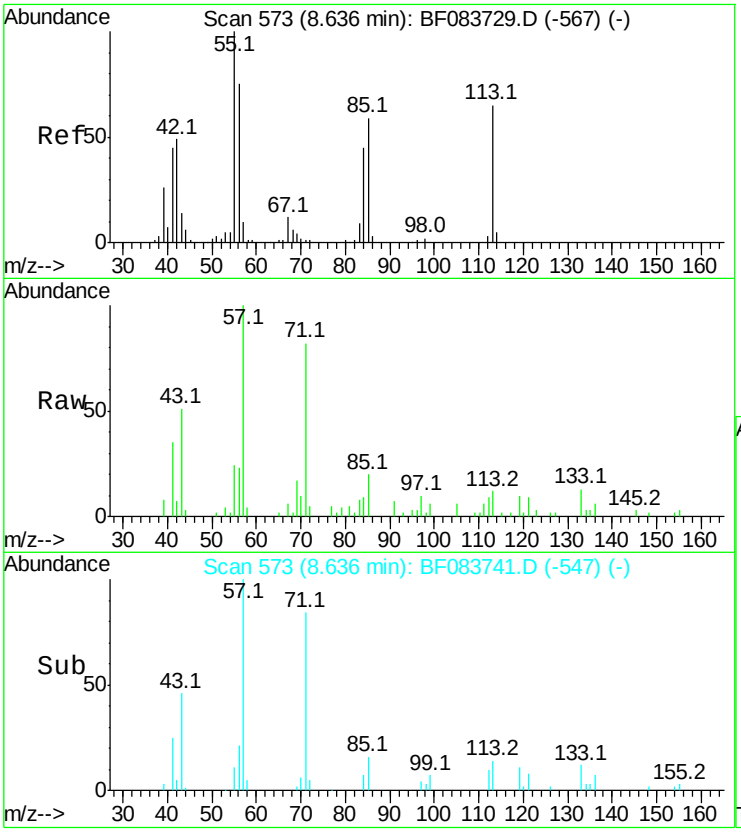


#33
4-Chloroaniline
Concen: 2.57 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:127 Resp: 28008

Ion	Ratio	Lower	Upper
127	100		
129	88.2	26.1	39.1#
65	10.7	33.5	50.3#
92	4.4	18.6	28.0#



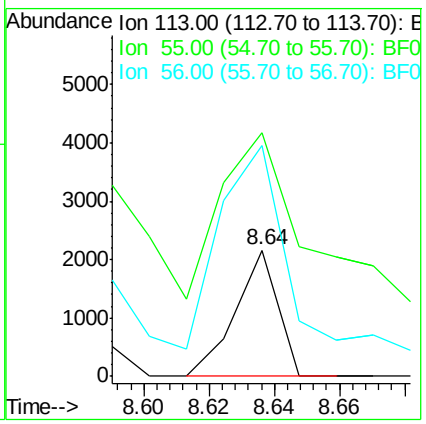


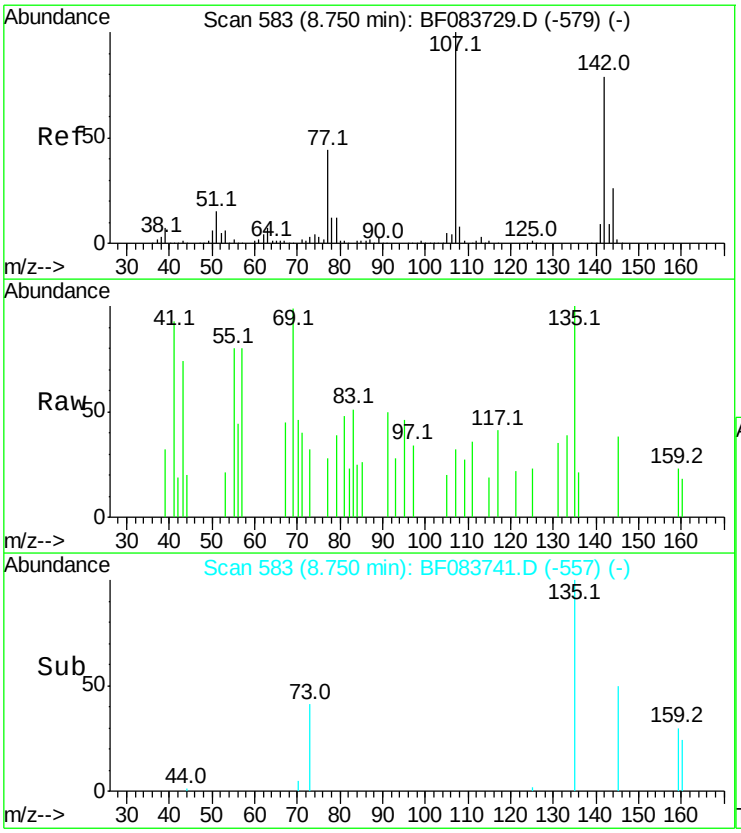
#35
Caprolactam
Concen: 0.81 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 1931

Ion	Ratio	Lower	Upper
113	100		
55	192.8	189.7	229.7
56	182.9	130.7	170.7#

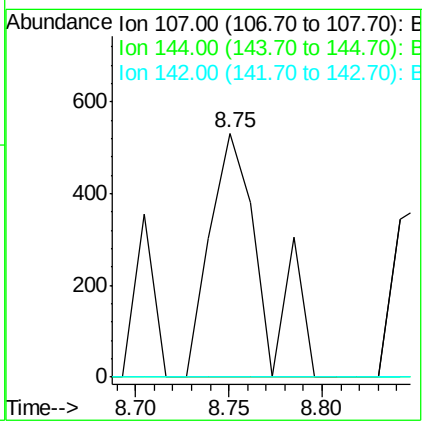


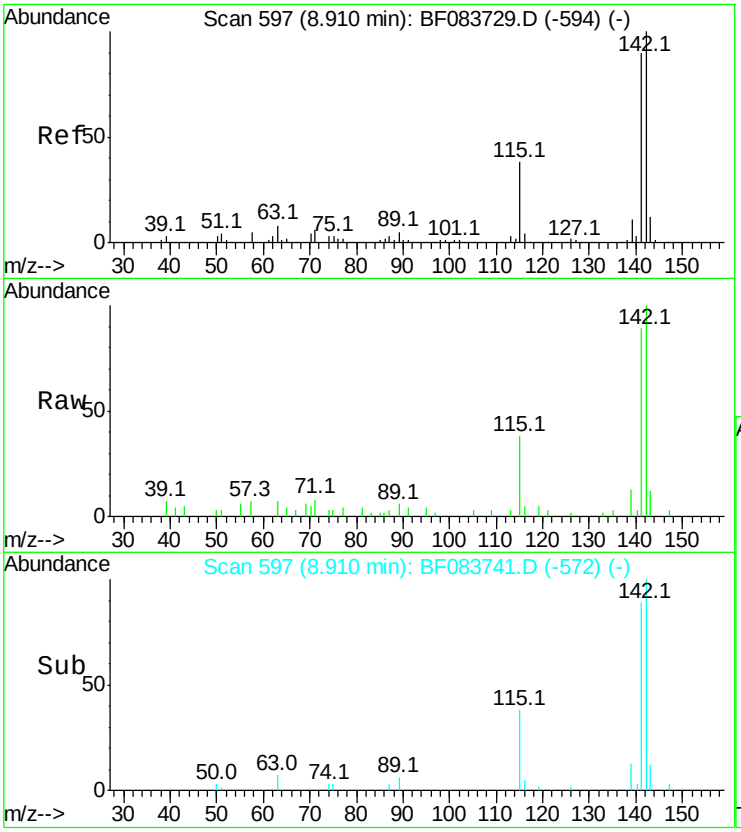


#36
4-Chloro-3-methylphenol
Concen: 0.12 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:107 Resp: 1043

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

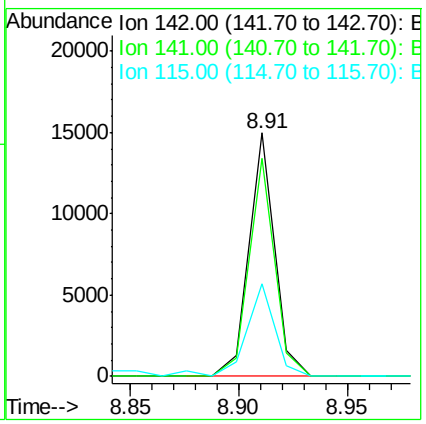




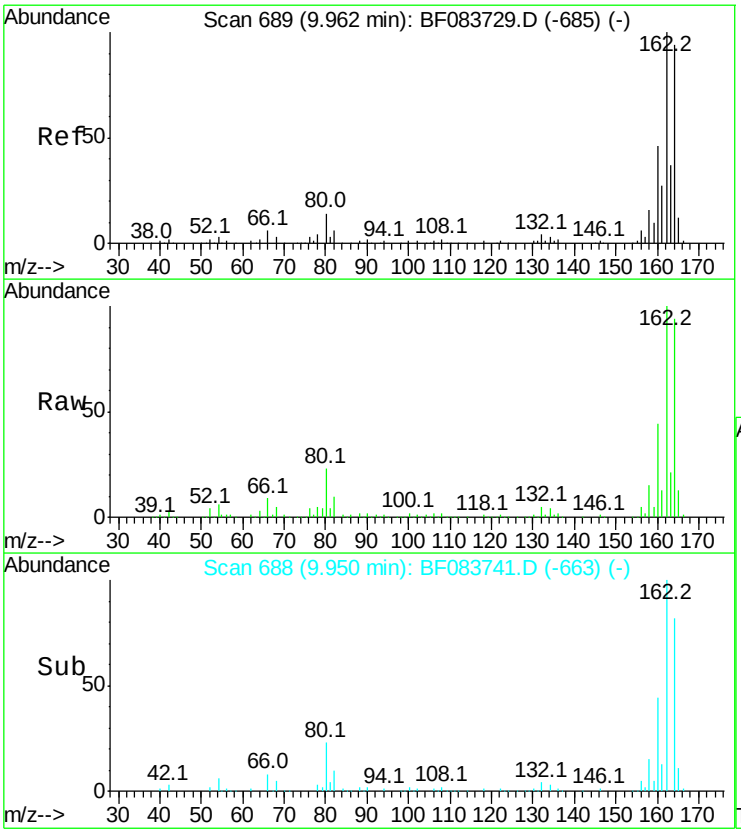
#37
2-Methylnaphthalene
Concen: 0.73 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:142 Resp: 12229

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	38.2	29.2	43.8



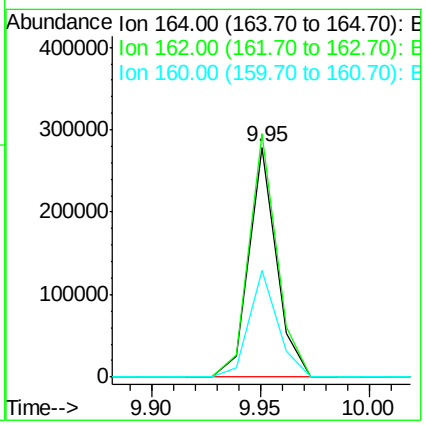
Instrument :
BNA_F
ClientSampleId :

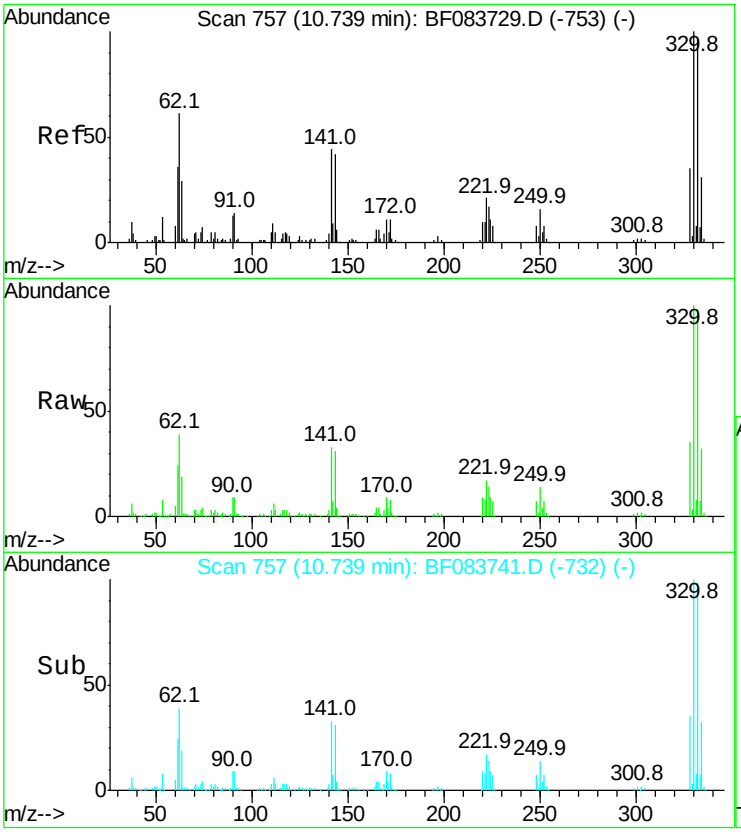


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:164 Resp: 244959

Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.8	118.2
160	46.5	33.4	50.2



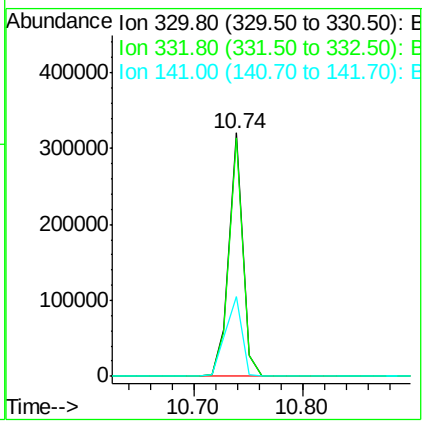


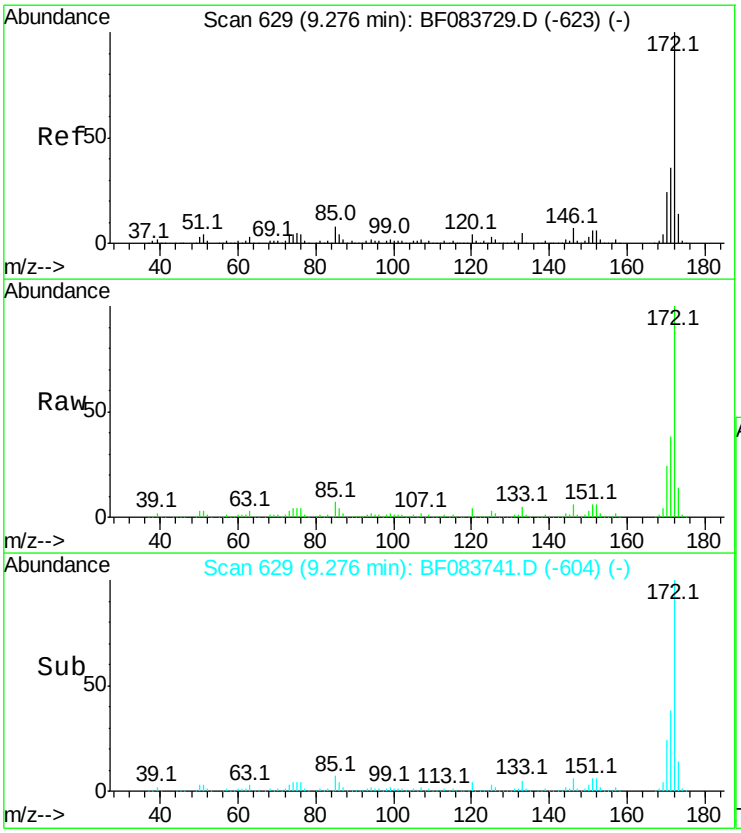
#41
2,4,6-Tribromophenol
Concen: 113.77 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 283986

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	38.7	0.0	0.0#

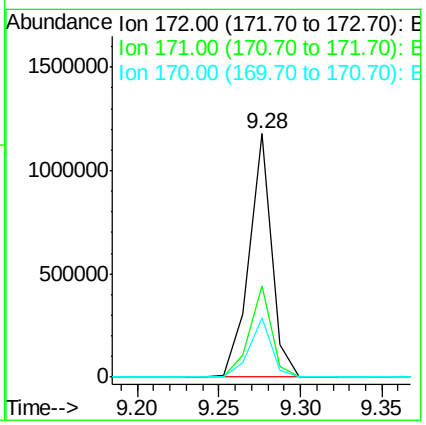


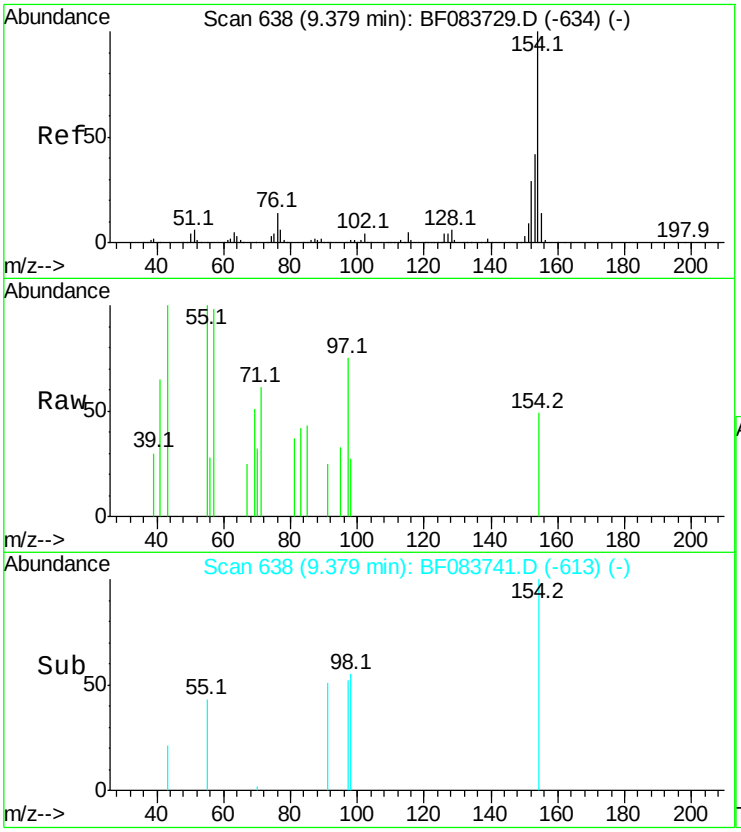


#44
2-Fluorobiphenyl
Concen: 62.63 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:172 Resp: 1130547

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	42.8
170	24.5	19.4	29.0



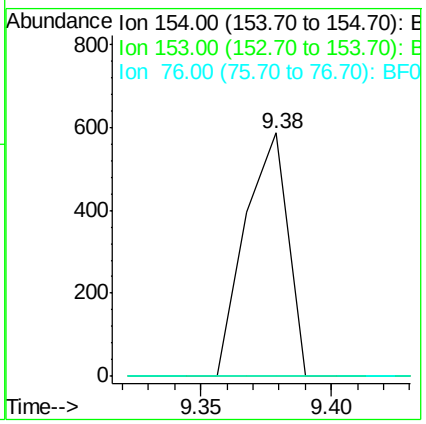


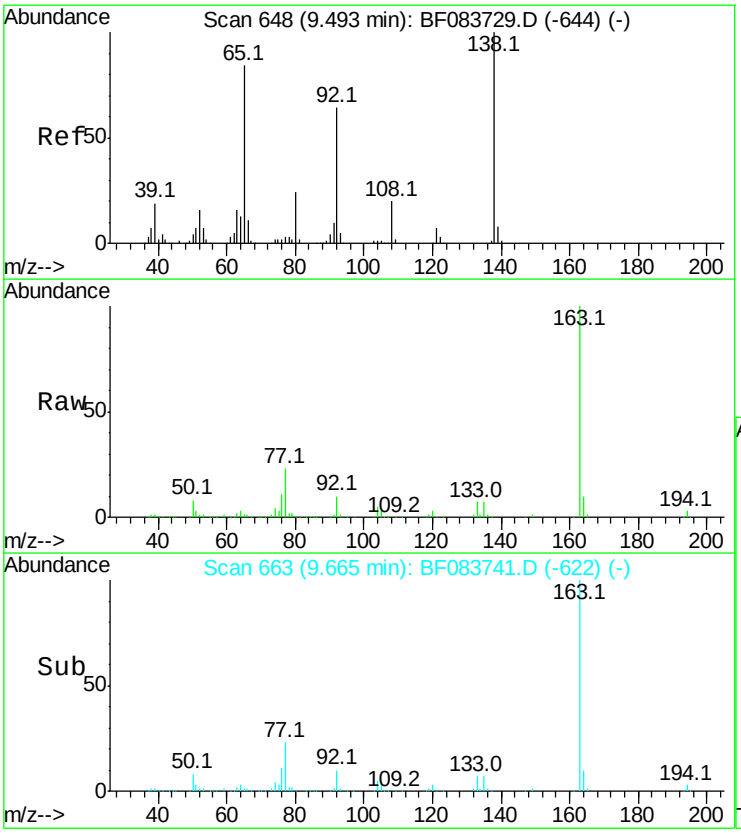
#45
1,1'-Biphenyl
Concen: 0.03 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 674

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

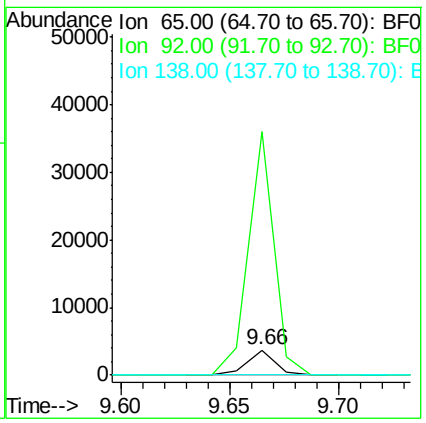


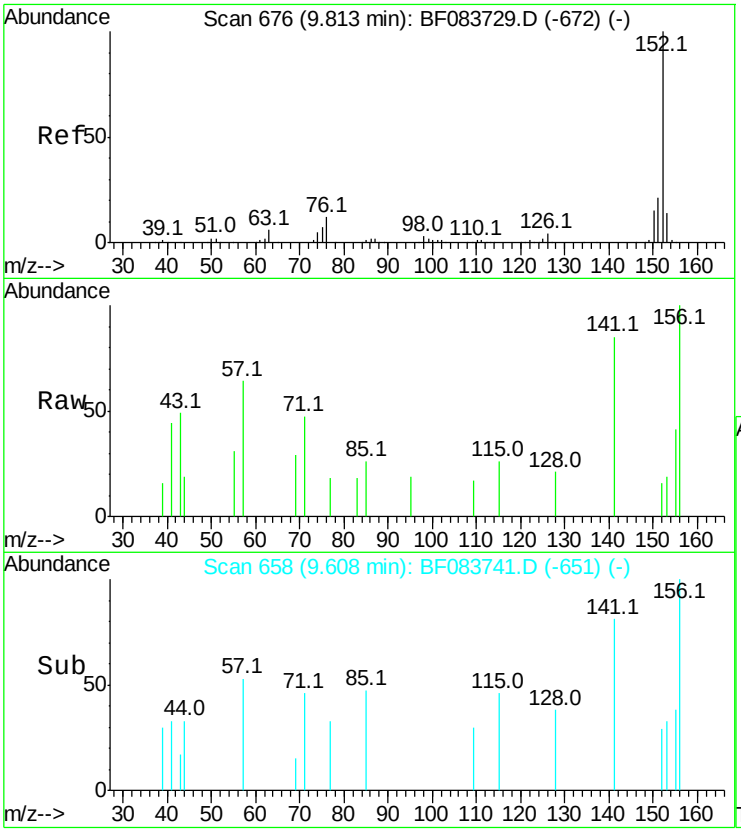


#47
2-Nitroaniline
Concen: 0.70 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.17 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion: 65 Resp: 3190

Ion	Ratio	Lower	Upper
65	100		
92	978.6	49.6	74.4#
138	0.0	64.1	96.1#



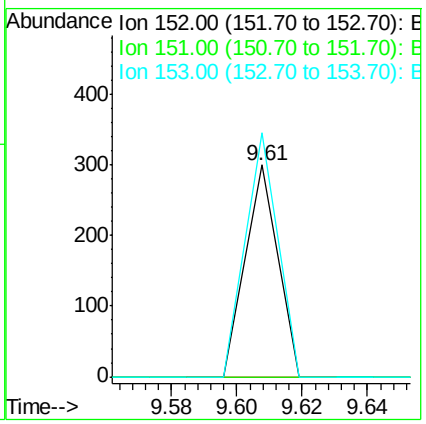


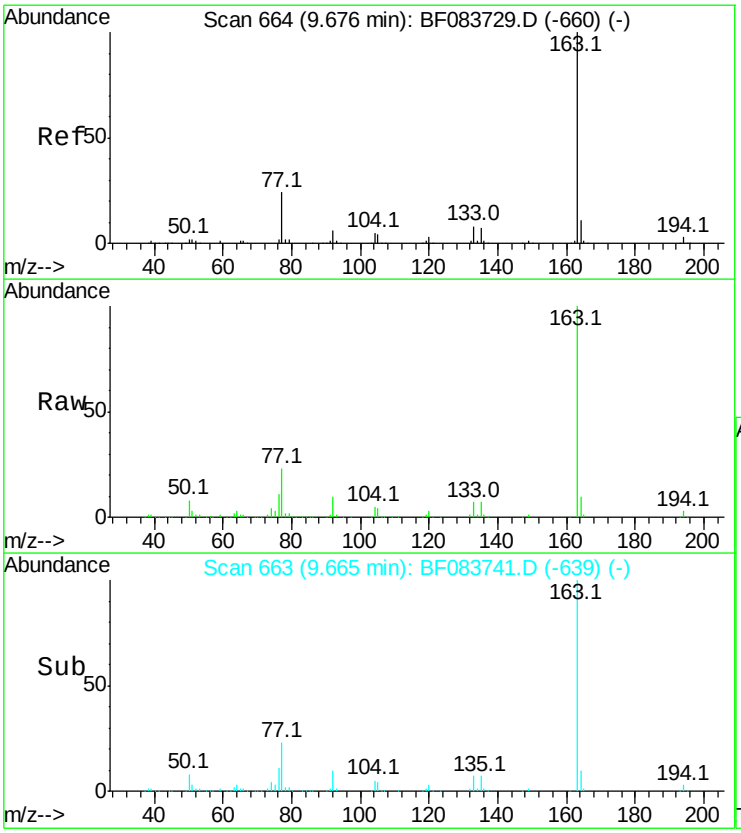
#48
Acenaphthylene
Concen: 0.01 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.22 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 206

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	115.3	10.8	16.2#

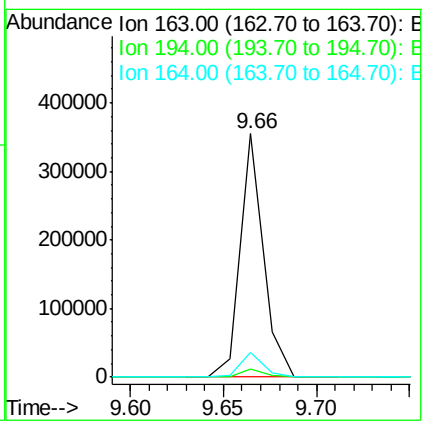


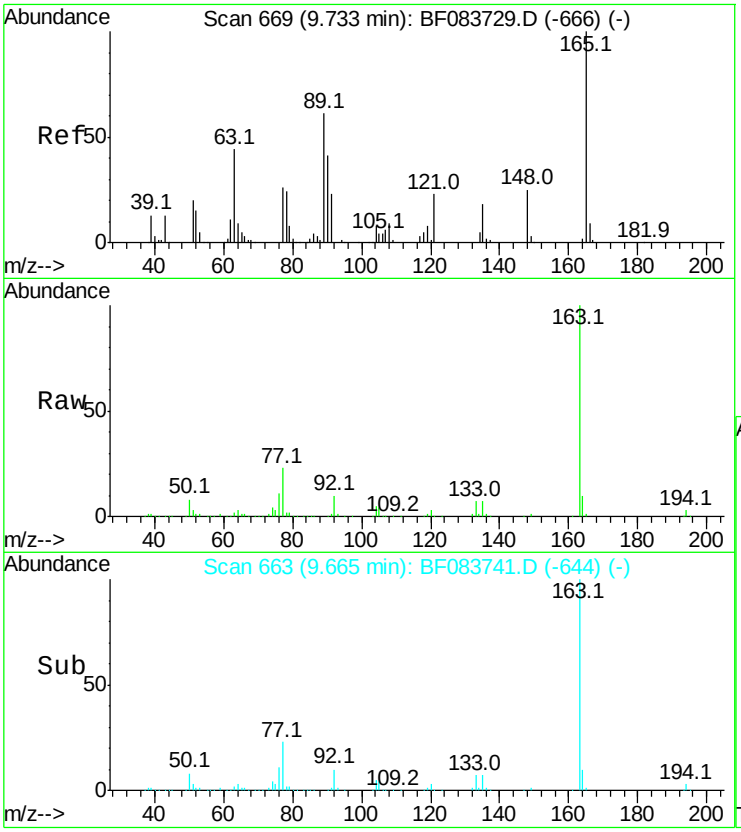


#49
Dimethylphthalate
Concen: 16.10 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:163 Resp: 307412

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.4	8.6	13.0



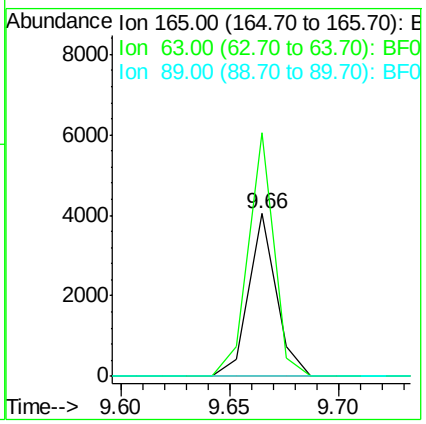


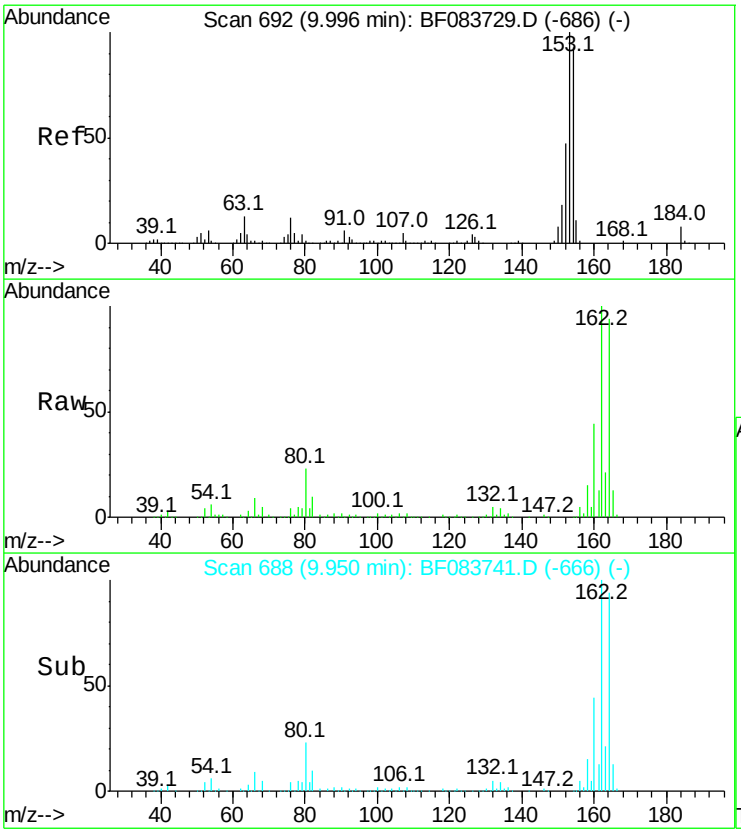
#50
2,6-Dinitrotoluene
Concen: 0.88 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.08 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 3579

Ion	Ratio	Lower	Upper
165	100		
63	149.6	56.9	85.3#
89	0.0	52.1	78.1#

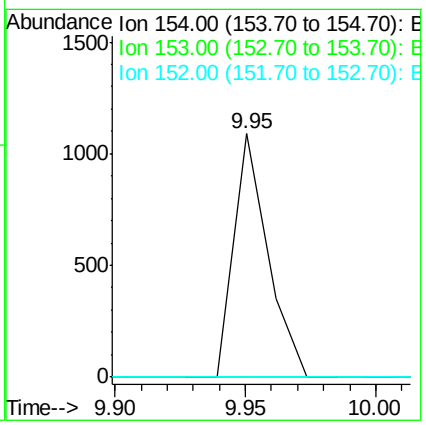


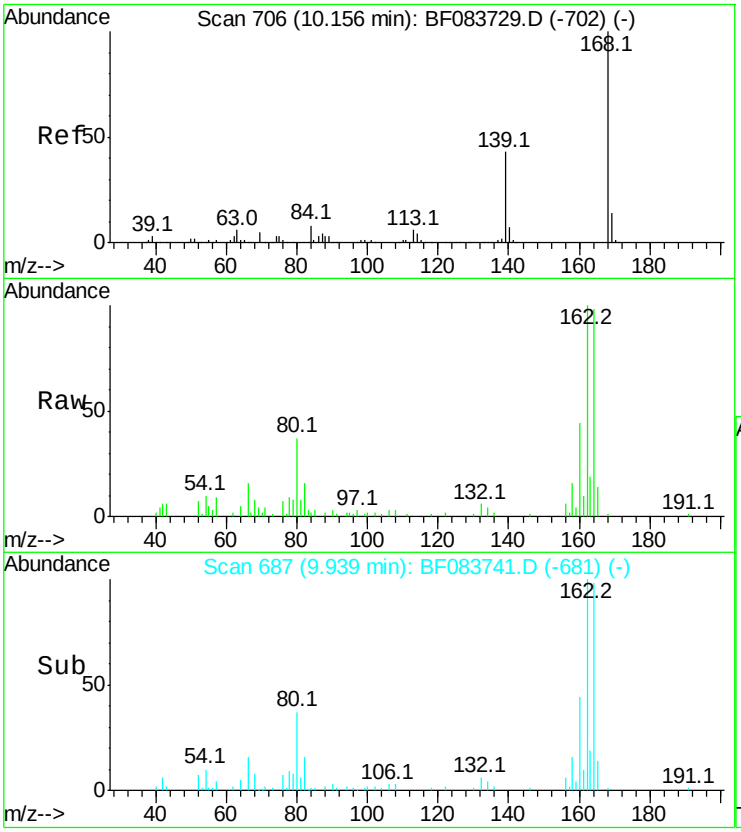


#51
Acenaphthene
Concen: 0.06 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:154 Resp: 990

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



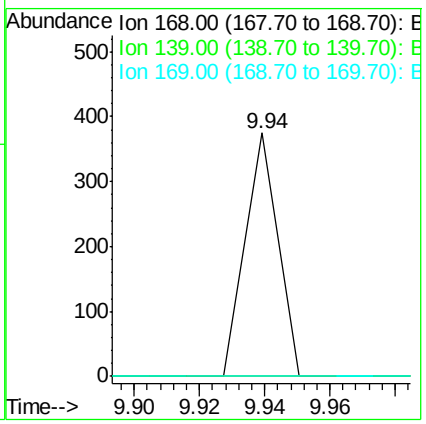


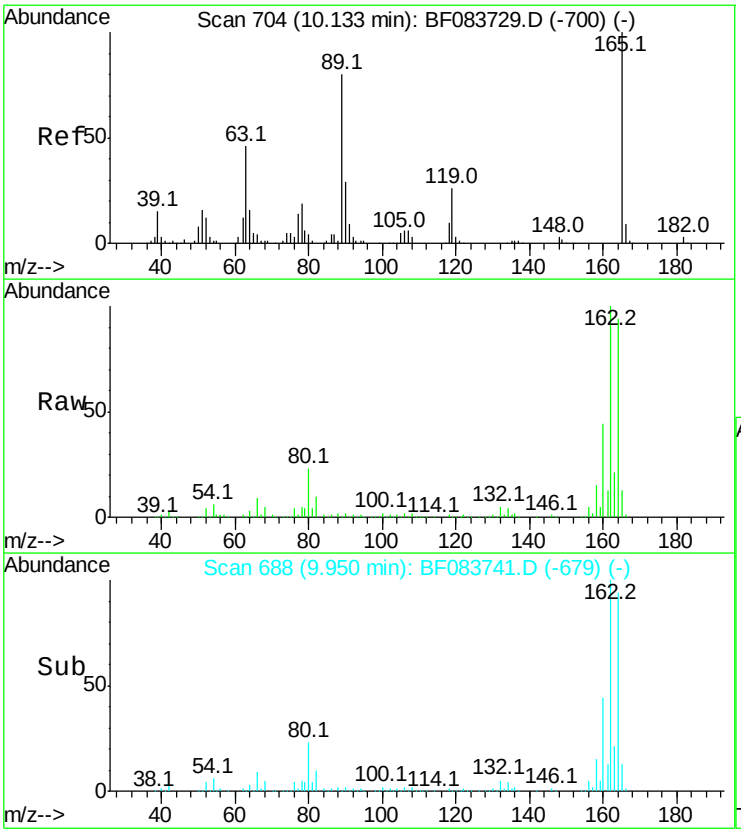
#54
Dibenzofuran
Concen: 0.01 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.23 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 257

Ion	Ratio	Lower	Upper
168	100		
139	0.0	28.0	42.0#
169	0.0	10.8	16.2#

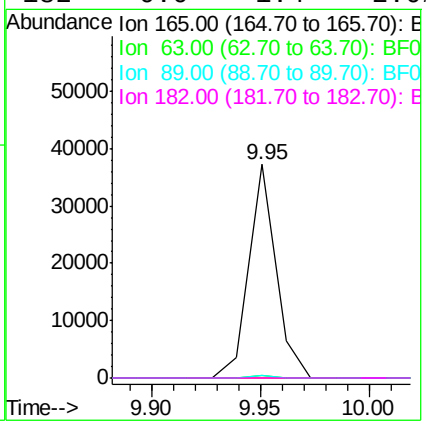


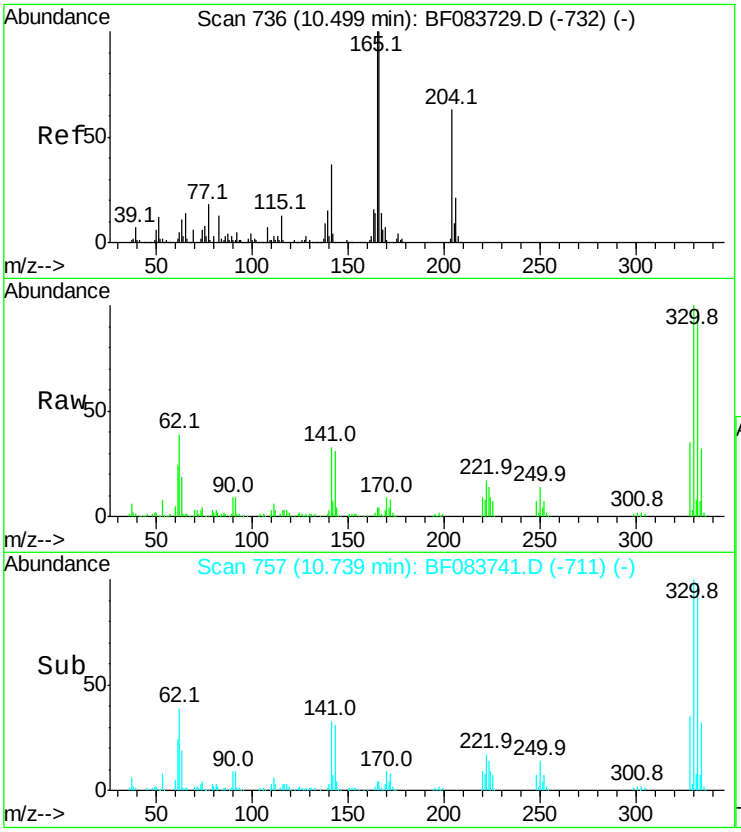


#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.19 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:165 Resp: 32394

Ion	Ratio	Lower	Upper
165	100		
63	1.1	51.4	77.2#
89	1.3	72.6	108.8#
182	0.0	1.4	2.0#



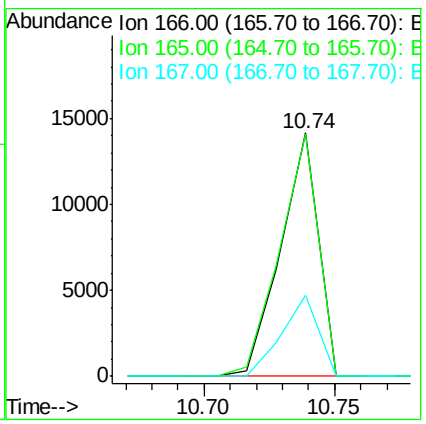


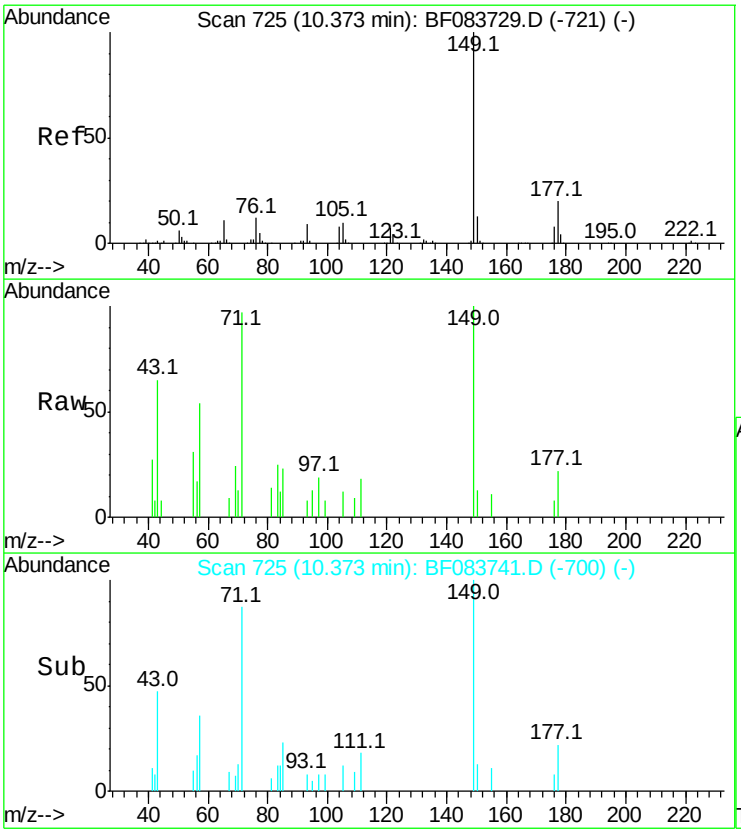
#57
Fluorene
Concen: 0.83 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.23 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 14177

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	33.3	10.6	16.0#

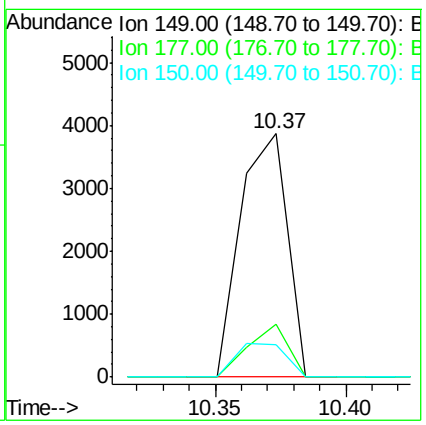


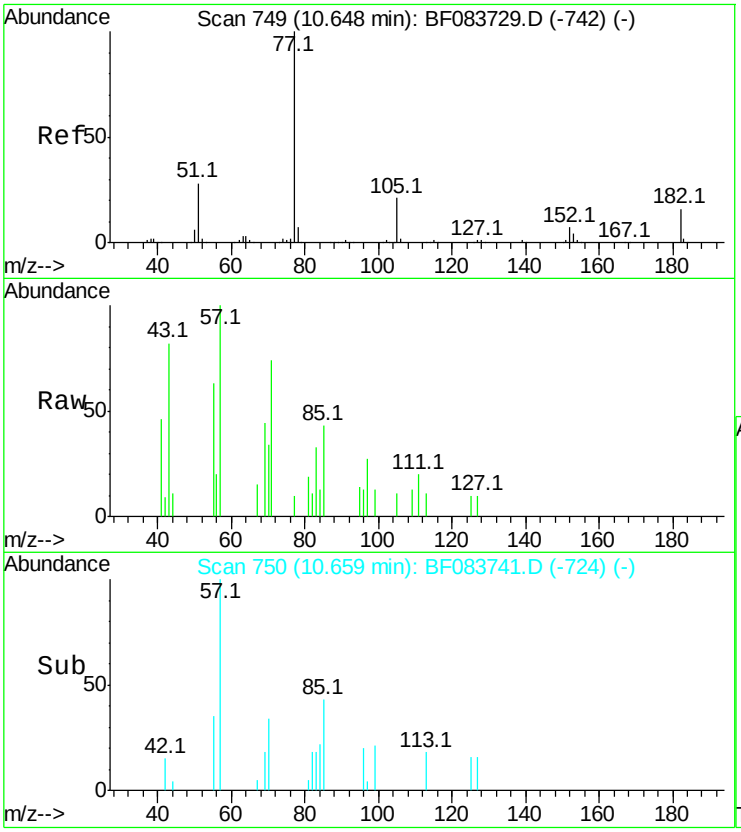


#59
Diethylphthalate
Concen: 0.25 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:149 Resp: 4873

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.9	25.3
150	13.3	10.2	15.4



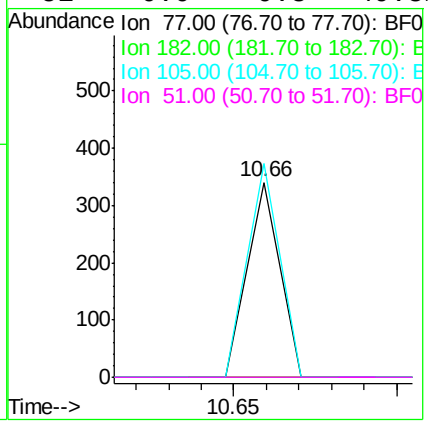


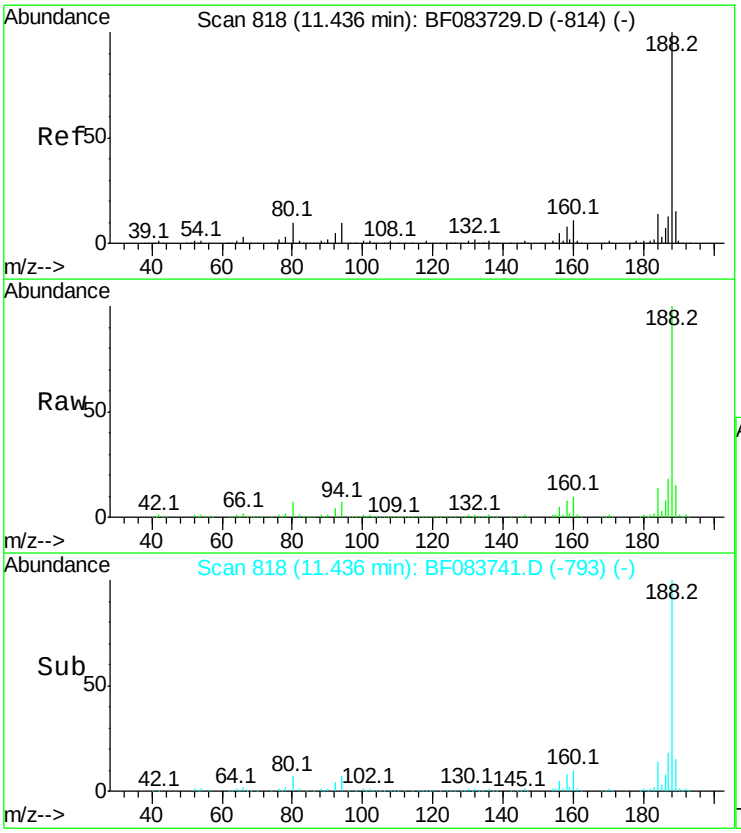
#62
Azobenzene
Concen: 0.01 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 234

Ion	Ratio	Lower	Upper
77	100		
182	0.0	2.5	42.5#
105	109.4	2.1	42.1#
51	0.0	9.3	49.3#

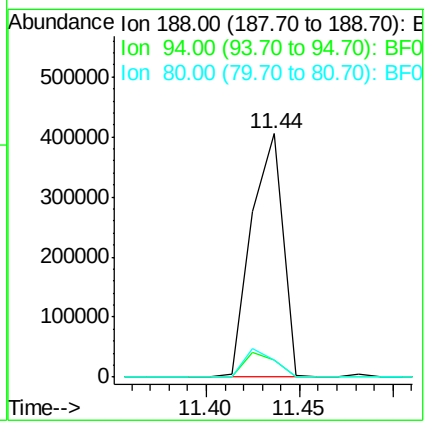


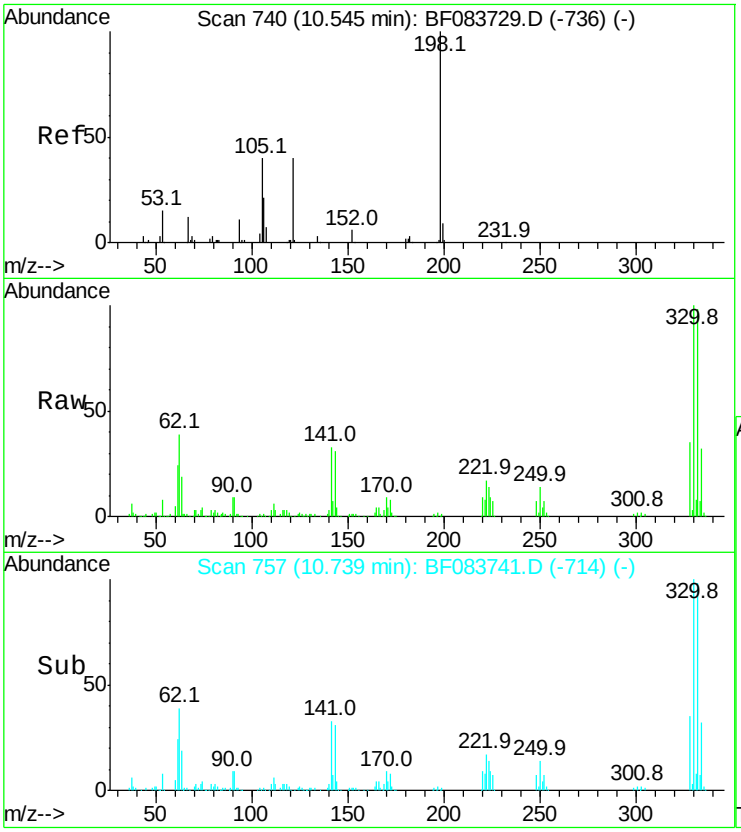


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:188 Resp: 473154

Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.4	14.2#
80	6.9	10.6	16.0#



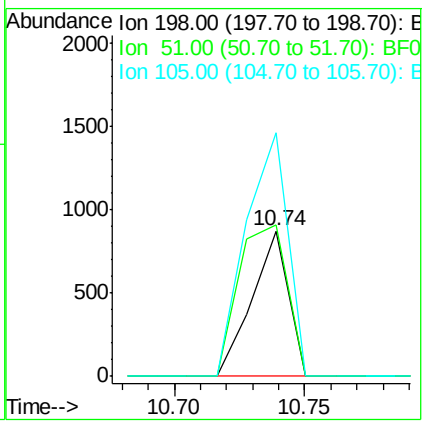


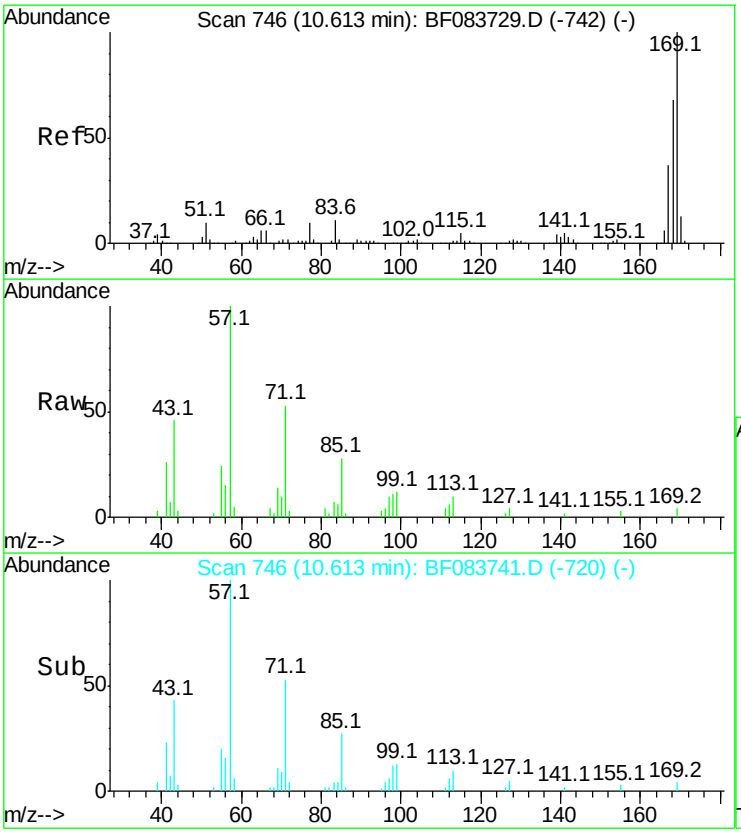
#64
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.20 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 857

Ion	Ratio	Lower	Upper
198	100		
51	104.1	53.8	93.8#
105	167.4	38.6	78.6#

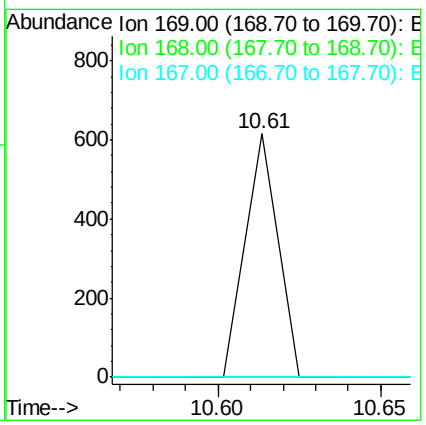


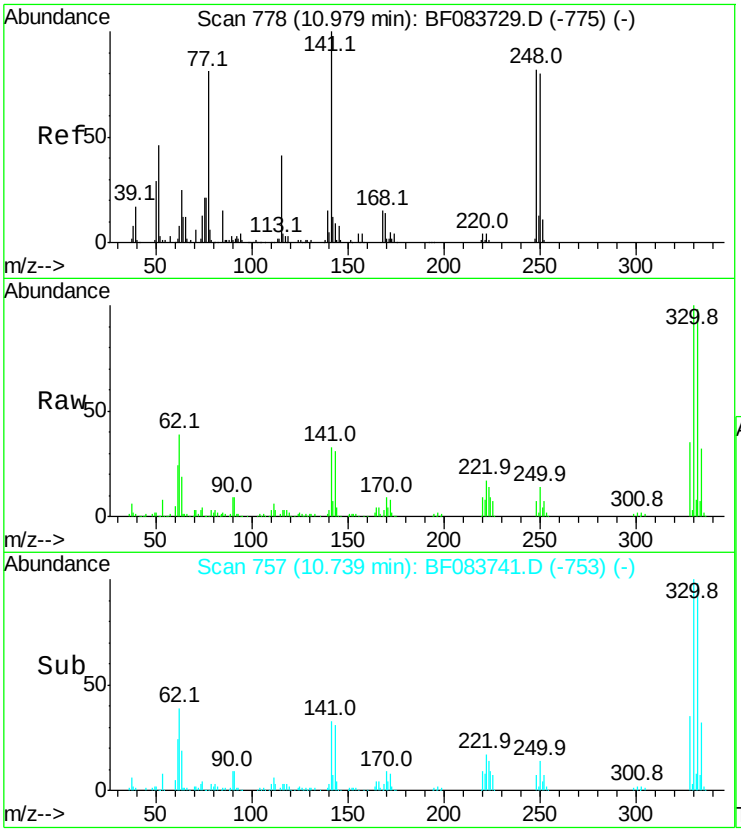


#65
n-Nitrosodiphenylamine
Concen: 0.03 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:169 Resp: 422

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



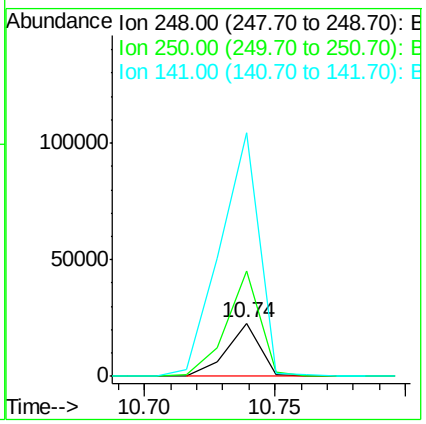


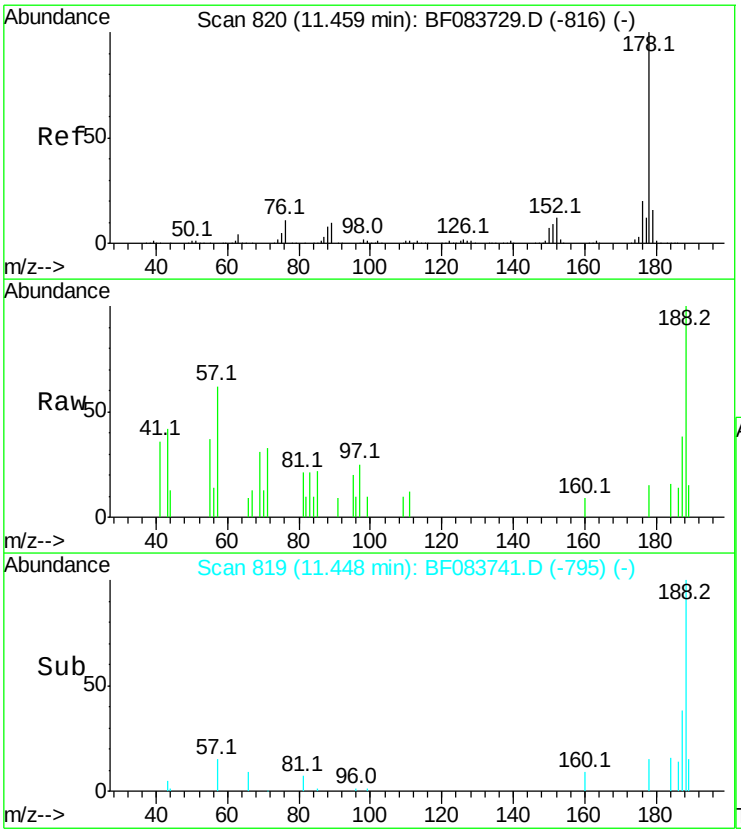
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20231

Ion	Ratio	Lower	Upper
248	100		
250	199.4	79.2	118.8#
141	460.4	58.2	87.4#

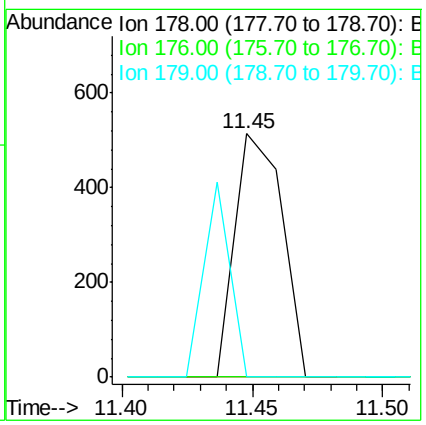


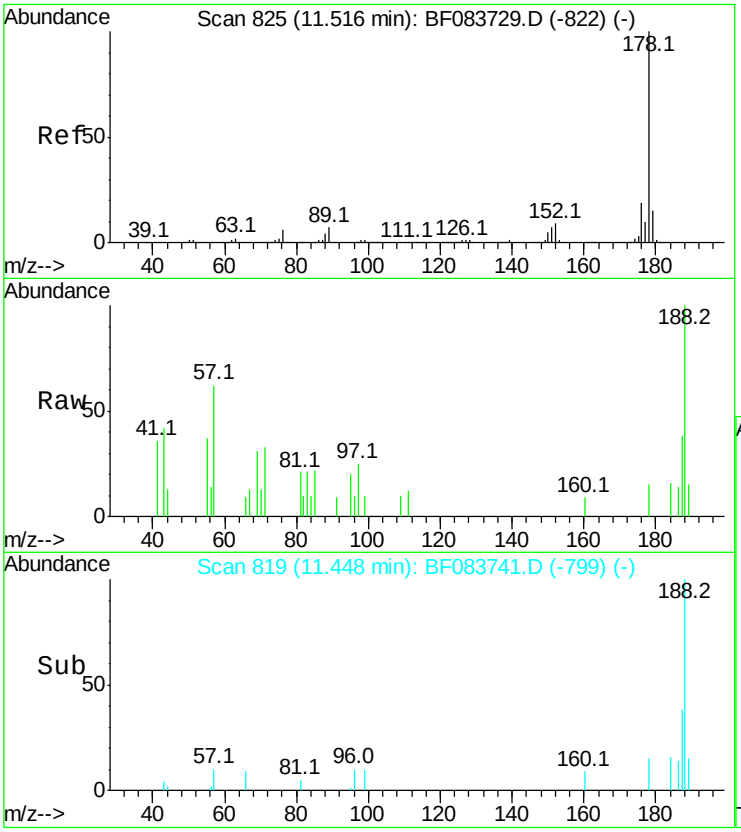


#70
Phenanthrene
Concen: 0.03 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:178 Resp: 654

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	0.0	12.2	18.4#



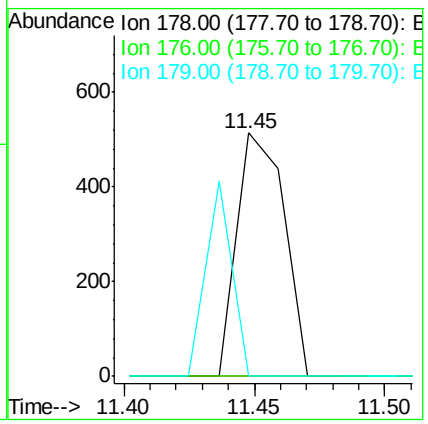


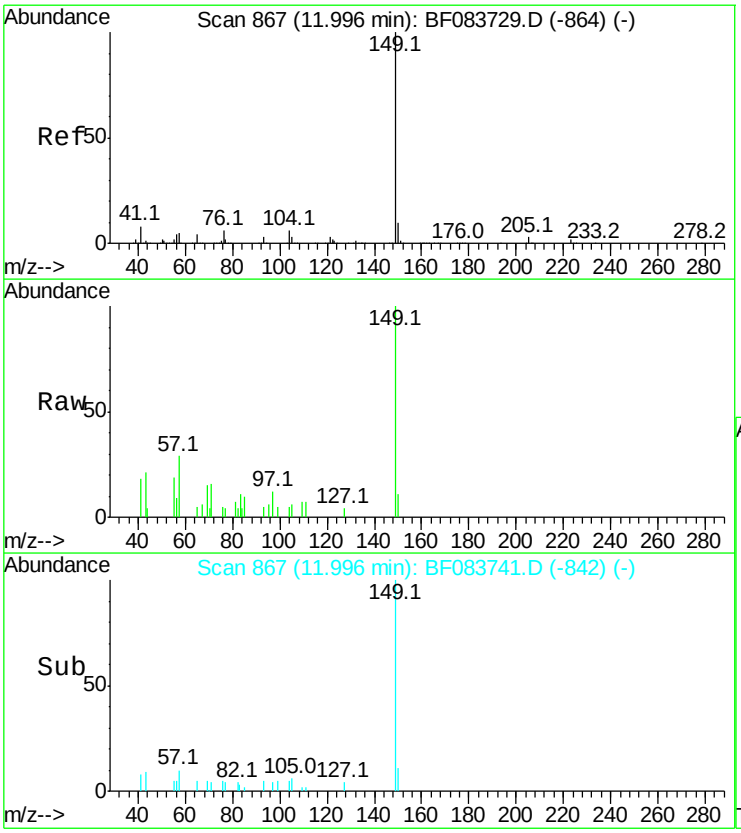
#71
Anthracene
Concen: 0.03 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.07 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 654

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

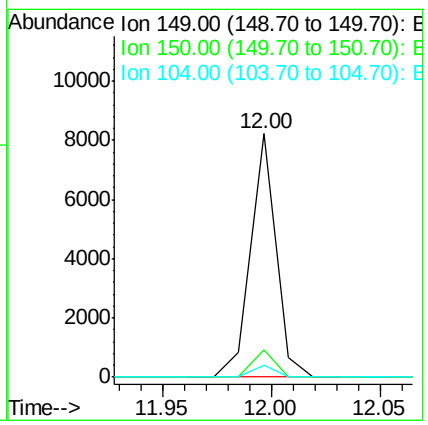


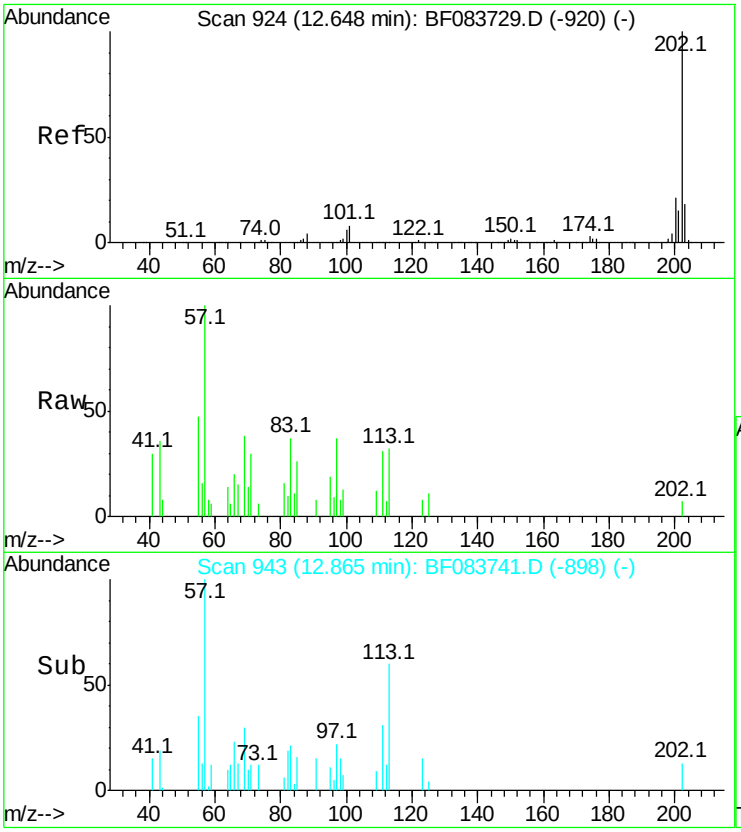


#73
Di-n-butylphthalate
Concen: 0.23 ng
RT: 12.00 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:149 Resp: 6667

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.8	11.6
104	4.8	3.9	5.9



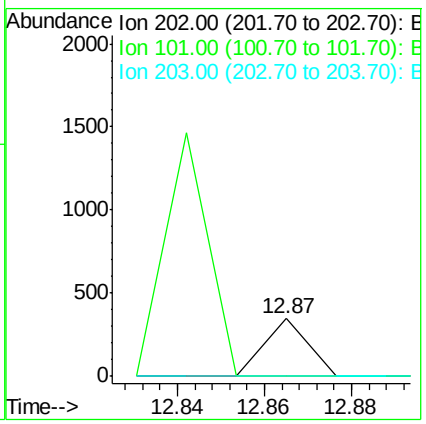


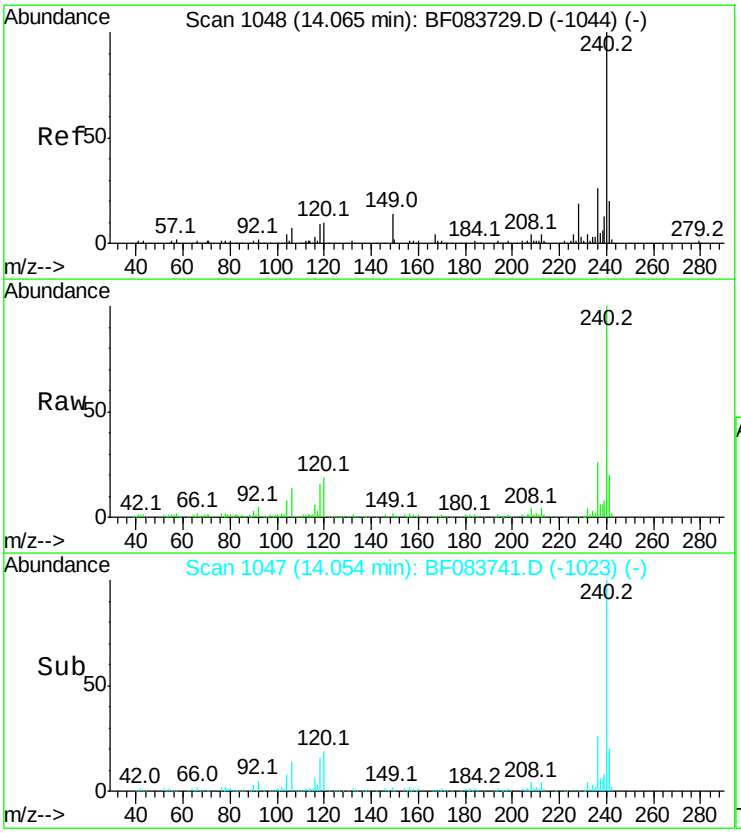
#74
Fluoranthene
Concen: 0.01 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.22 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 239

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

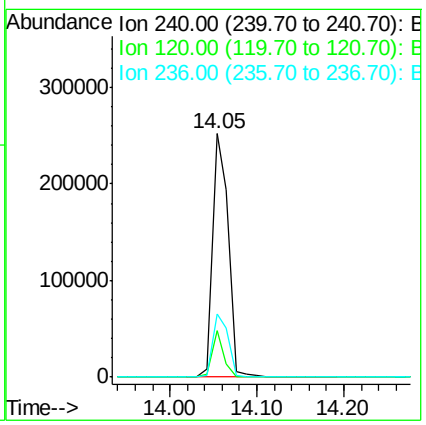


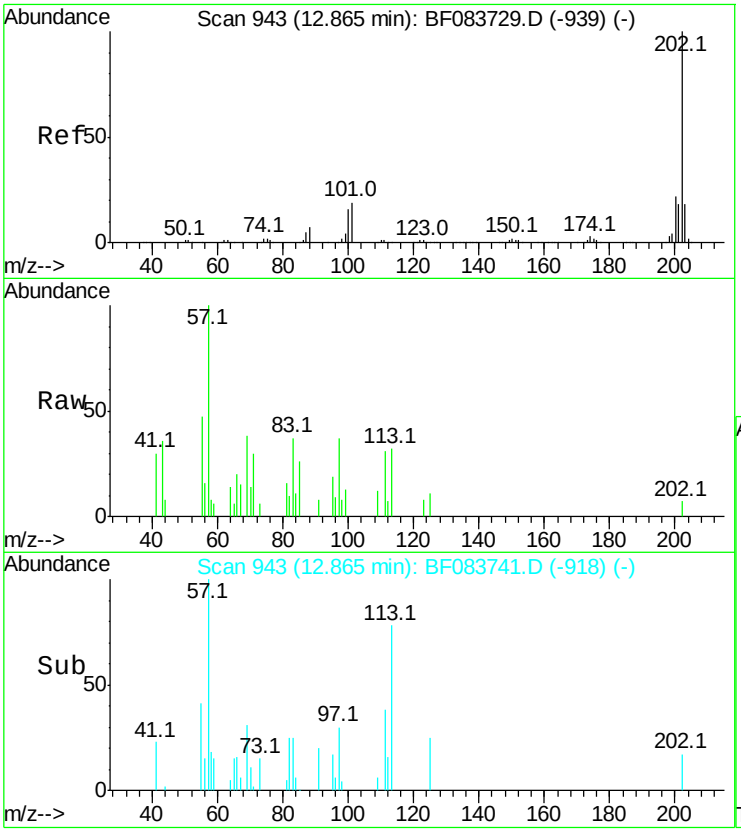


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:240 Resp: 320300

Ion	Ratio	Lower	Upper
240	100		
120	19.2	8.1	12.1#
236	26.1	20.8	31.2



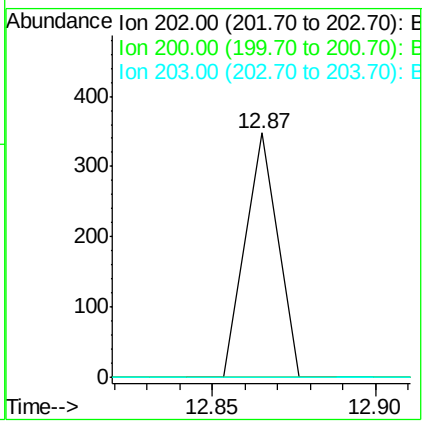


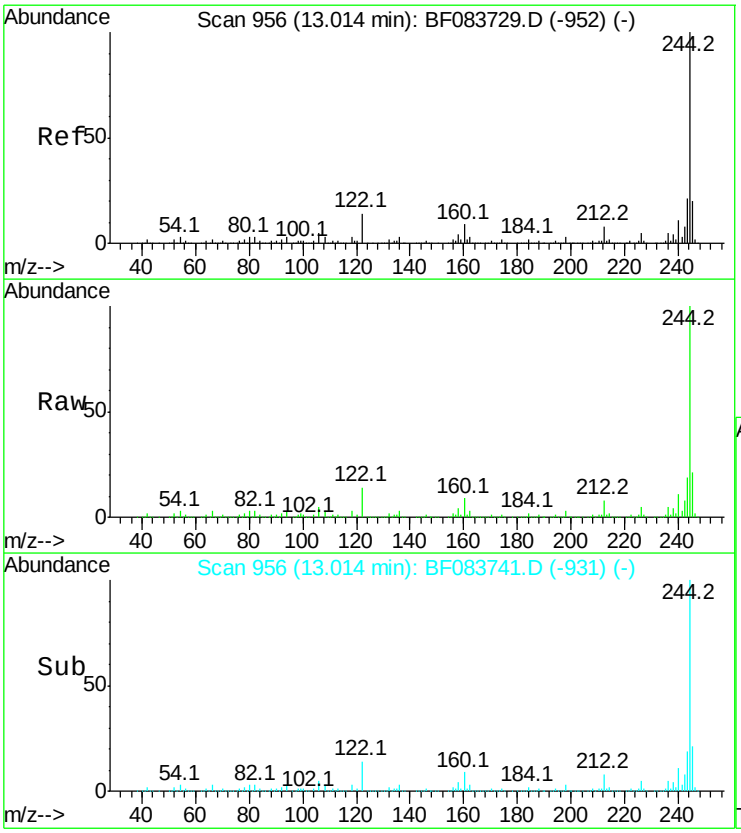
#77
Pyrene
Concen: 0.01 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 239

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

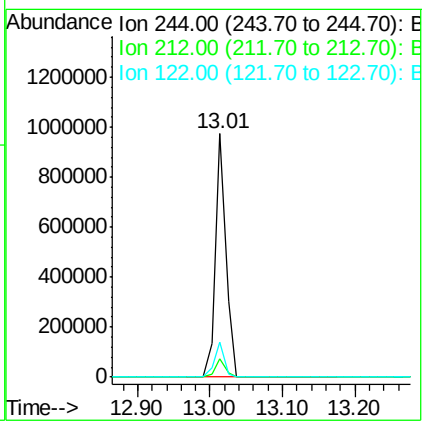


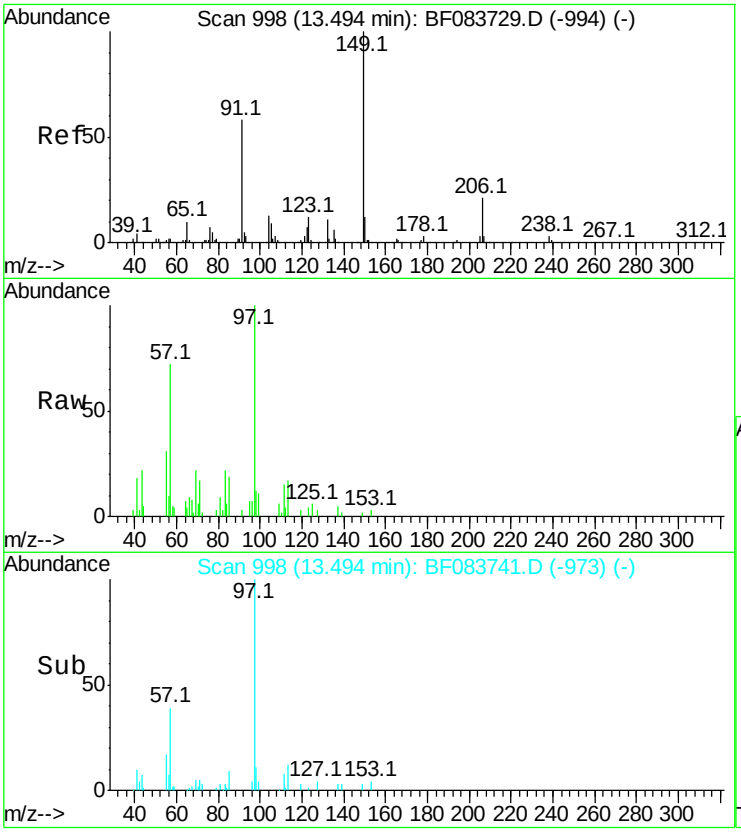


#78
Terphenyl-d14
Concen: 65.75 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:244 Resp: 978969

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.3	11.0	16.6



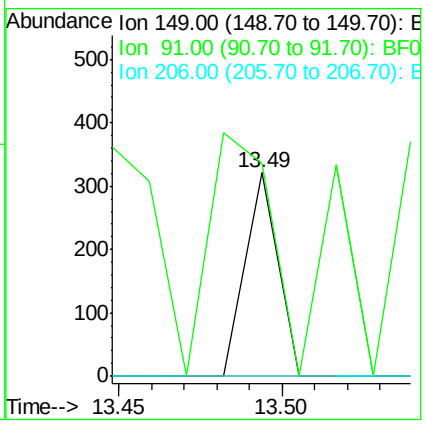


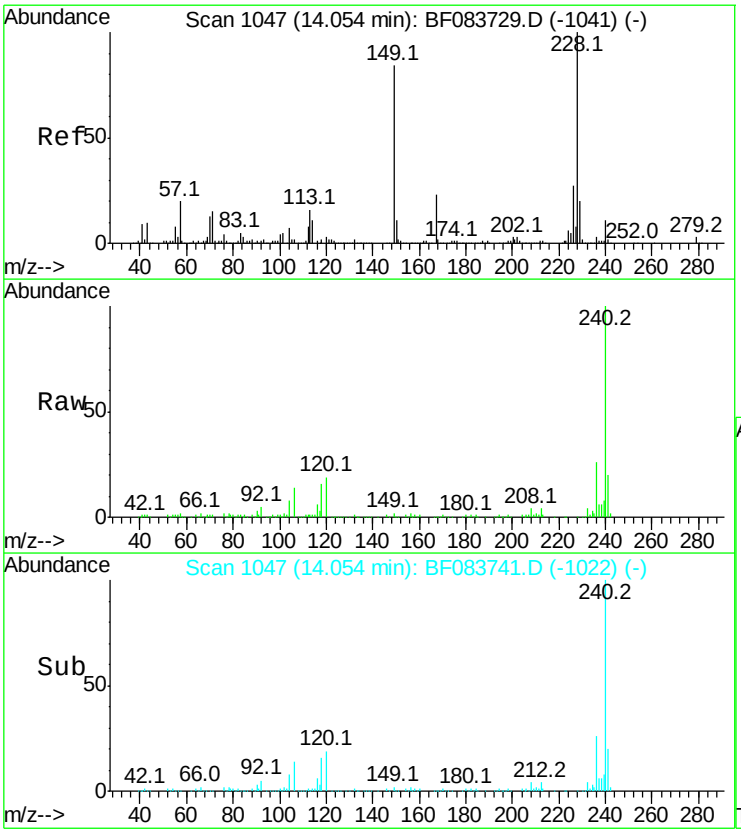
#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 220

Ion	Ratio	Lower	Upper
149	100		
91	104.4	60.0	90.0#
206	0.0	16.2	24.4#

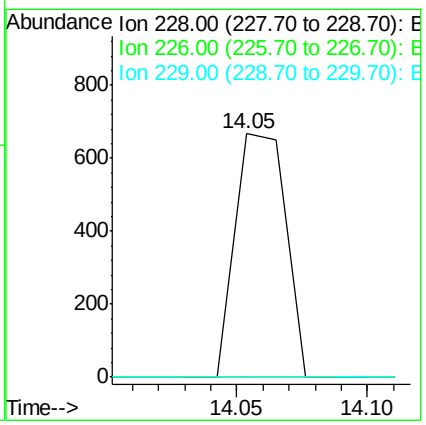


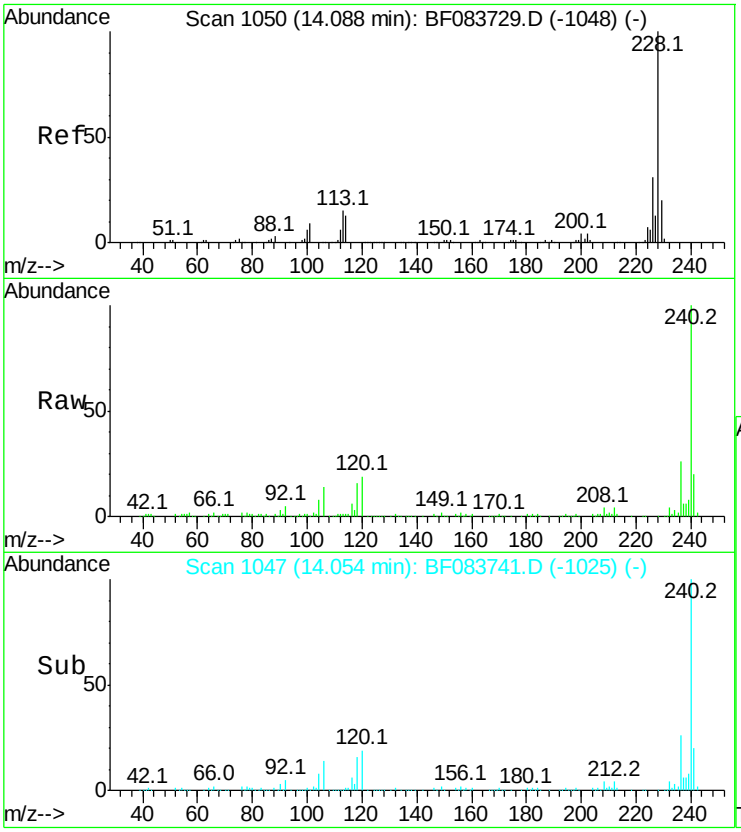


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:228 Resp: 905

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



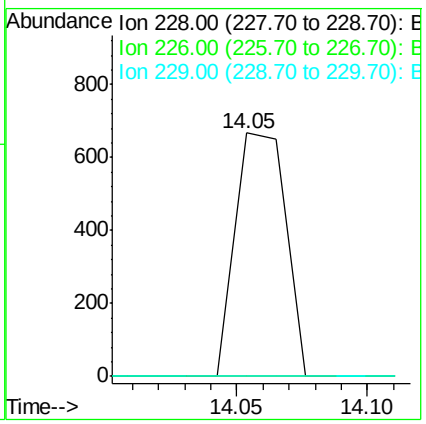


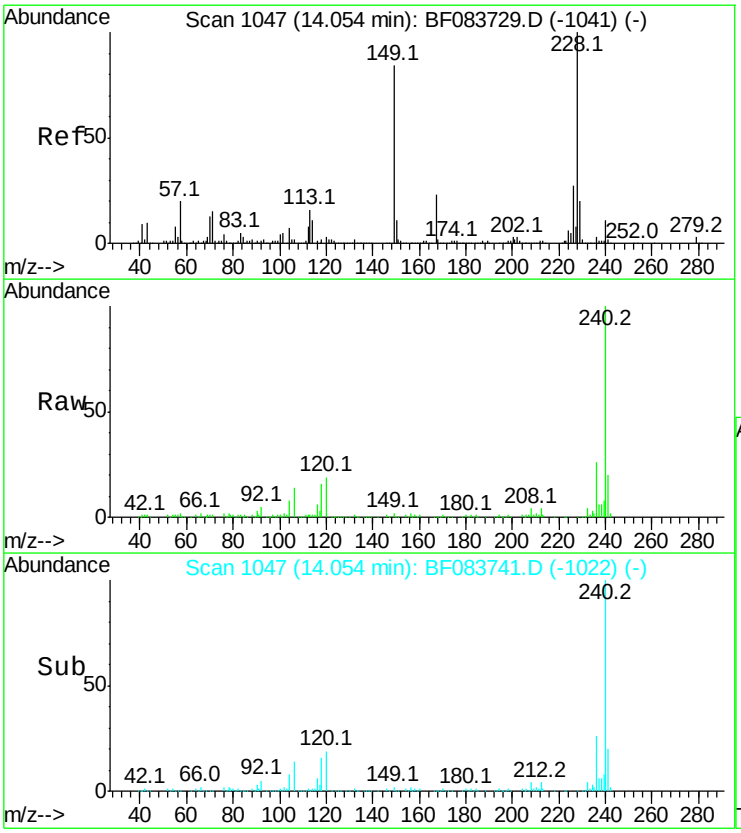
#82
Chrysene
Concen: 0.05 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 905

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

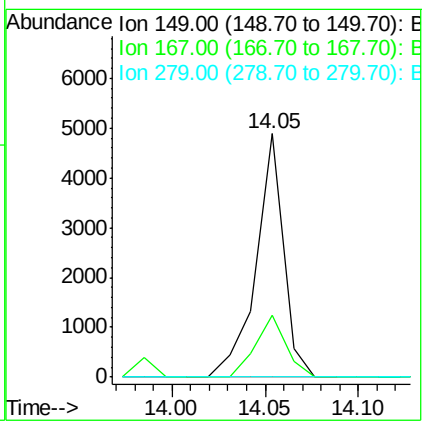


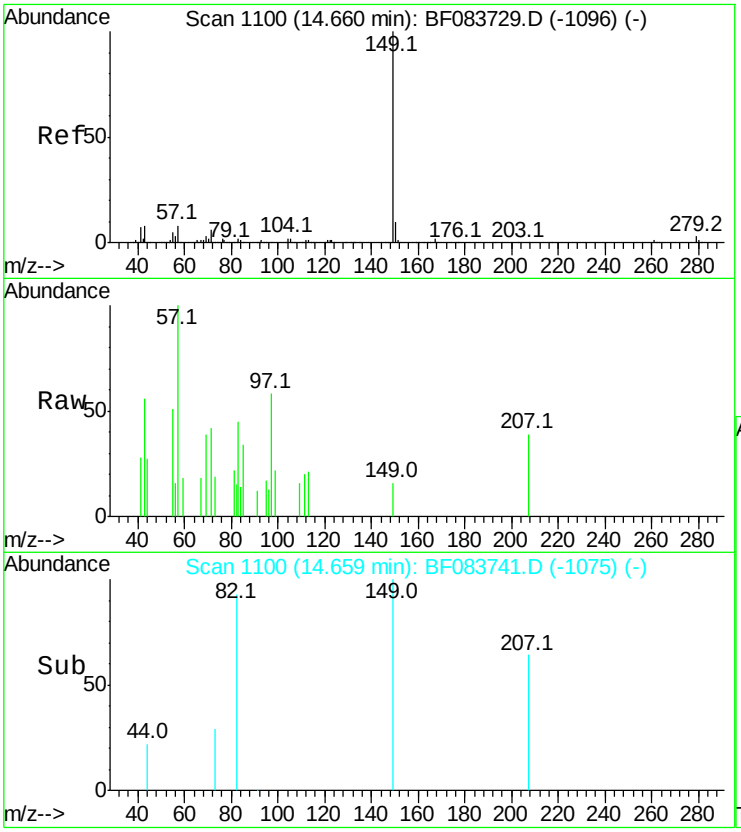


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:149 Resp: 4967

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.8	32.8
279	0.0	3.0	4.4#



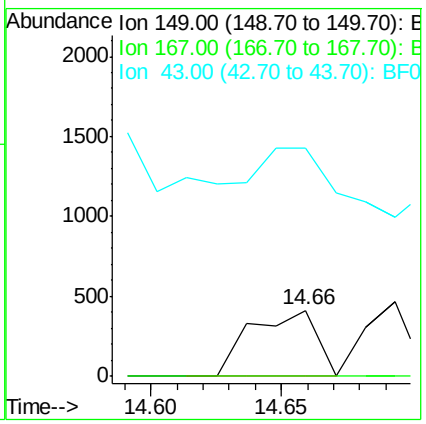


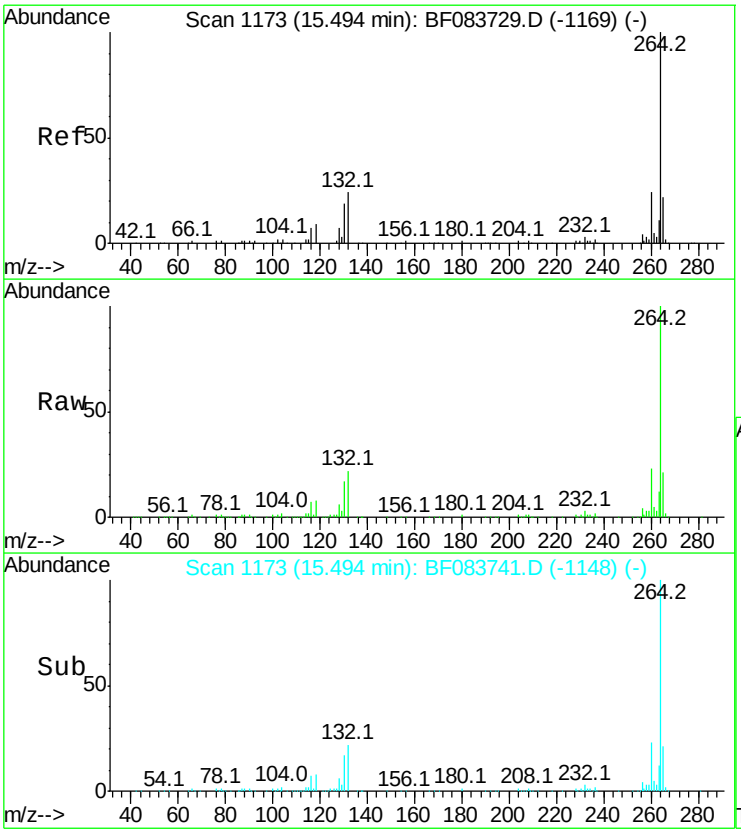
#84
Di-n-octyl phthalate
Concen: 0.04 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 729

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	124.7	0.0	0.0#

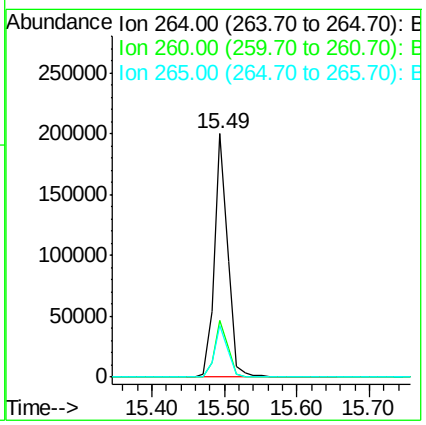


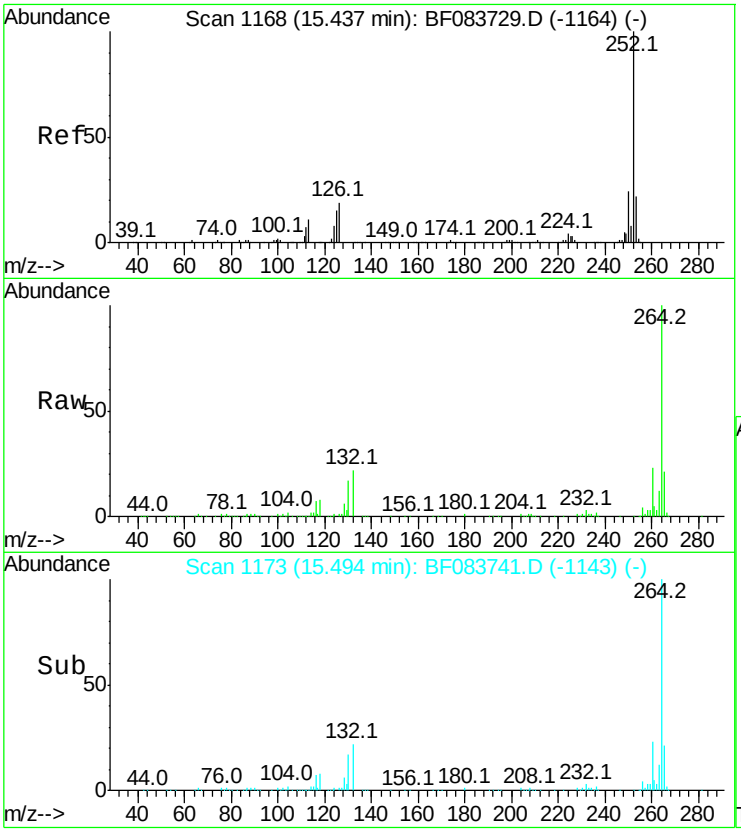


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Tgt Ion:264 Resp: 253959

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.0	17.8	26.6





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.05 min
Lab File: BF083741.D
Acq: 13 Dec 2015 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 672

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