Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123015\
Data File : BF084174.D
Acq On : 31 Dec 2015 4:43
Operator : UM/SJ
Sample : G4978-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR-9883

Quant Time: Dec 31 06:12:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 04:29:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	293167	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1302200	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	541022	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	983547	20.00	ng		0.00
75) Chrysene-d12	14.07	240	672811	20.00	ng		0.00
86) Perylene-d12	15.51	264	540373	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2219270	121.40	ng		0.01
7) Phenol-d6	6.53	99	2476496	104.65	ng		0.01
23) Nitrobenzene-d5	7.47	82	2035431	92.36	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	824815	152.74	ng		0.01
44) 2-Fluorobiphenyl	9.26	172	2945371	96.38	ng		0.00
78) Terphenyl-d14	13.01	244	1586801	55.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.54	94	98715	3.52	ng		81
14) 1,2-Dichlorobenzene	7.06	146	678	Below Cal		#	1
15) Benzyl Alcohol	7.06	79	60681	3.07	ng	#	67
19) n-Nitroso-di-n-propylamine	7.33	70	96300	6.18	ng	#	77
20) 3+4-Methylphenols	7.32	107	47315	2.26	ng	#	72
24) Nitrobenzene	7.46	77	92462	4.07	ng	#	56
26) 2-Nitrophenol	7.74	139	867	Below Cal		#	1
27) 2,4-Dimethylphenol	8.05	122	1618901	76.81	ng	#	3
31) Naphthalene	8.21	128	887682	14.92	ng		96
32) Benzoic acid	8.05	122	1637978	99.04	ng		97
33) 4-Chloroaniline	8.21	127	118220	4.35	ng	#	36
37) 2-Methylnaphthalene	8.90	142	165303	3.92	ng		99
49) Dimethylphthalate	9.66	163	196673	5.06	ng		98
50) 2,6-Dinitrotoluene	9.71	165	3098	2.31	ng	#	1
52) 3-Nitroaniline	9.87	138	339239	34.96	ng	#	2
56) 2,4-Dinitrotoluene	10.20	165	15581	2.65	ng	#	67
59) Diethylphthalate	10.36	149	370854	6.86	ng		95
60) 4-Chlorophenyl-phenylether	10.50	204	1058	Below Cal		#	1
65) n-Nitrosodiphenylamine	10.60	169	178263	5.72	ng		94
66) 4-Bromophenyl-phenylether	10.74	248	50404	4.78	ng	#	1
73) Di-n-butylphthalate	12.00	149	33993	Below Cal		#	95
74) Fluoranthene	12.64	202	3850	Below Cal		#	36

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

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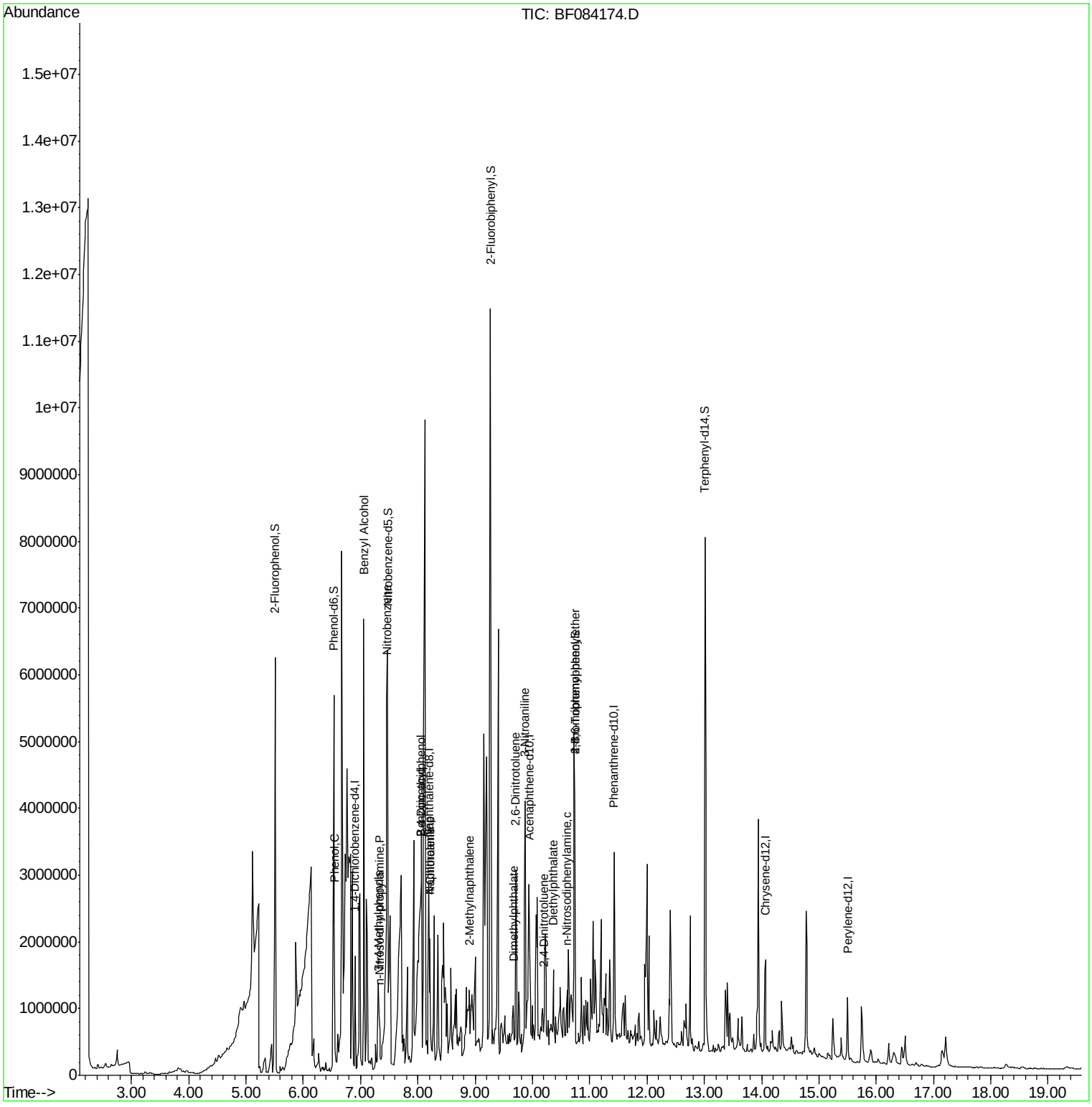
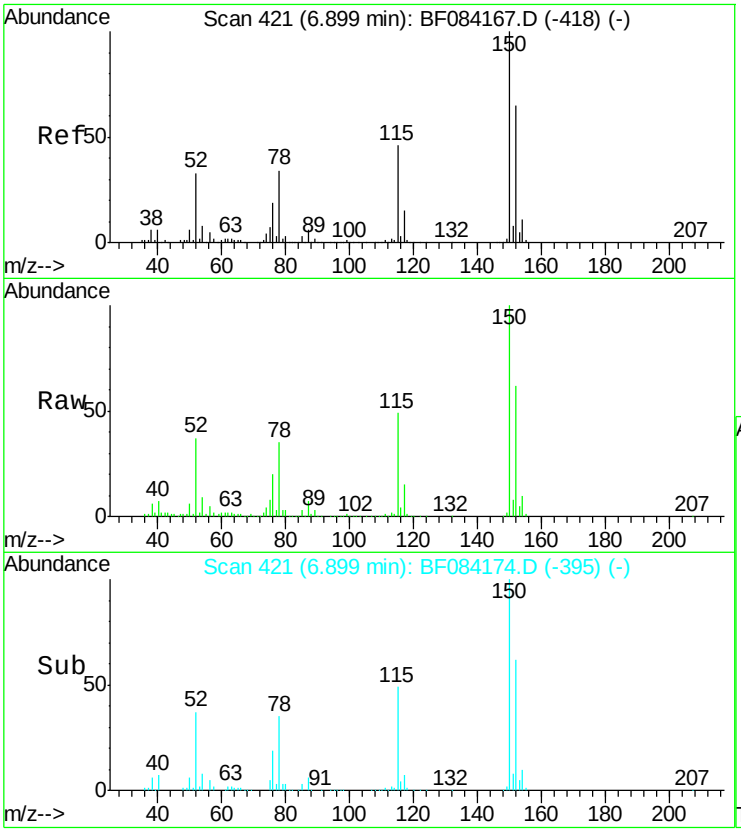


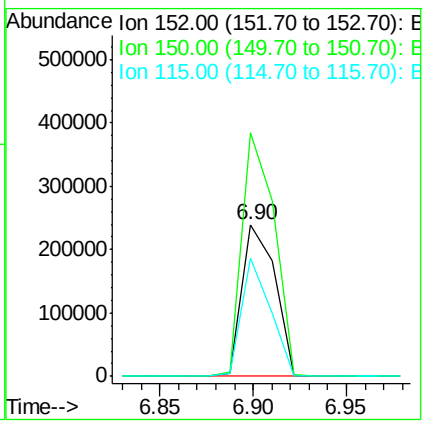


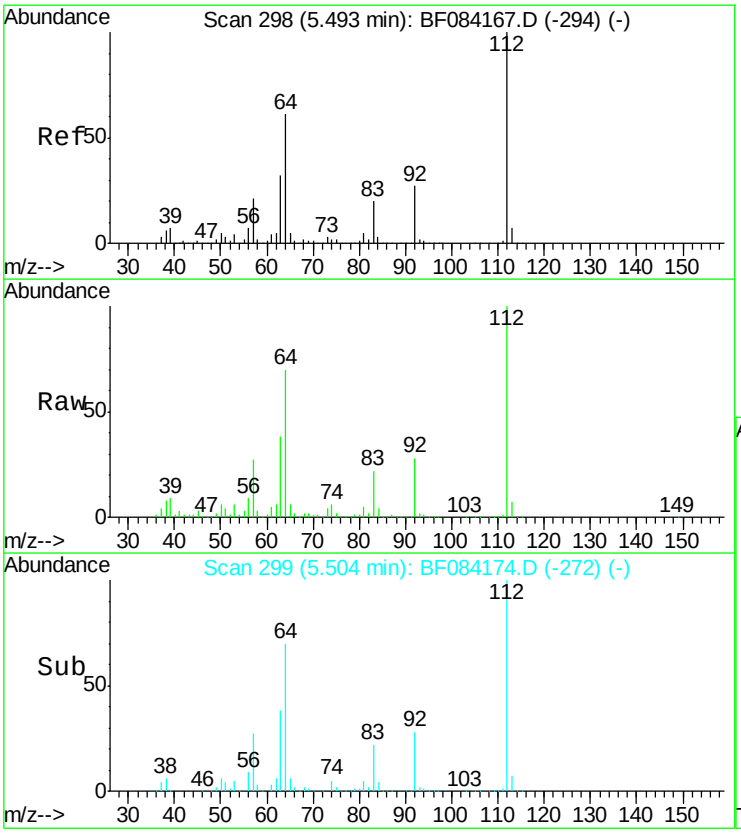
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:152 Resp: 293167

Ion	Ratio	Lower	Upper
152	100		
150	160.3	123.8	185.8
115	78.0	57.1	85.7

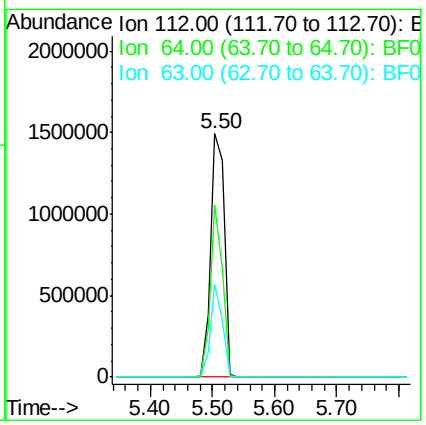


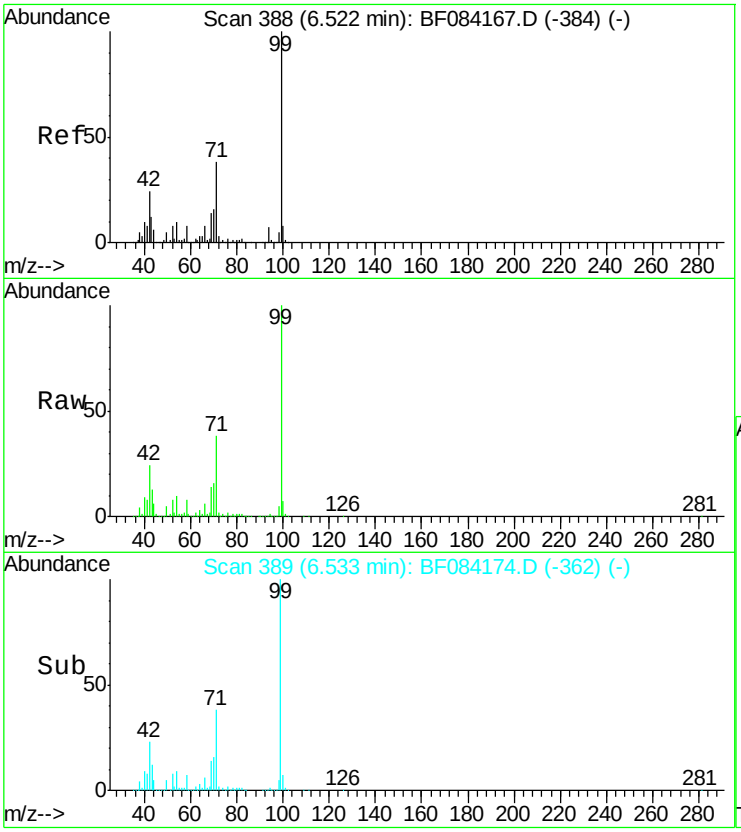


#5
2-Fluorophenol
Concen: 121.40 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:112 Resp: 2219270

Ion	Ratio	Lower	Upper
112	100		
64	70.4	48.7	73.1
63	37.9	25.9	38.9



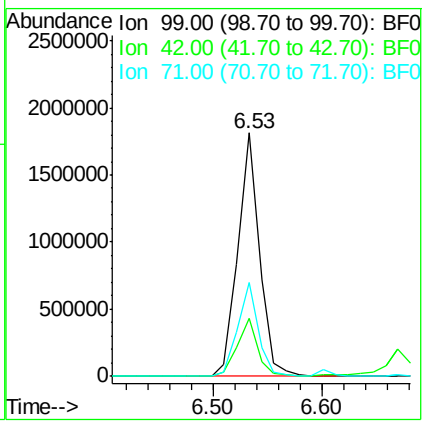


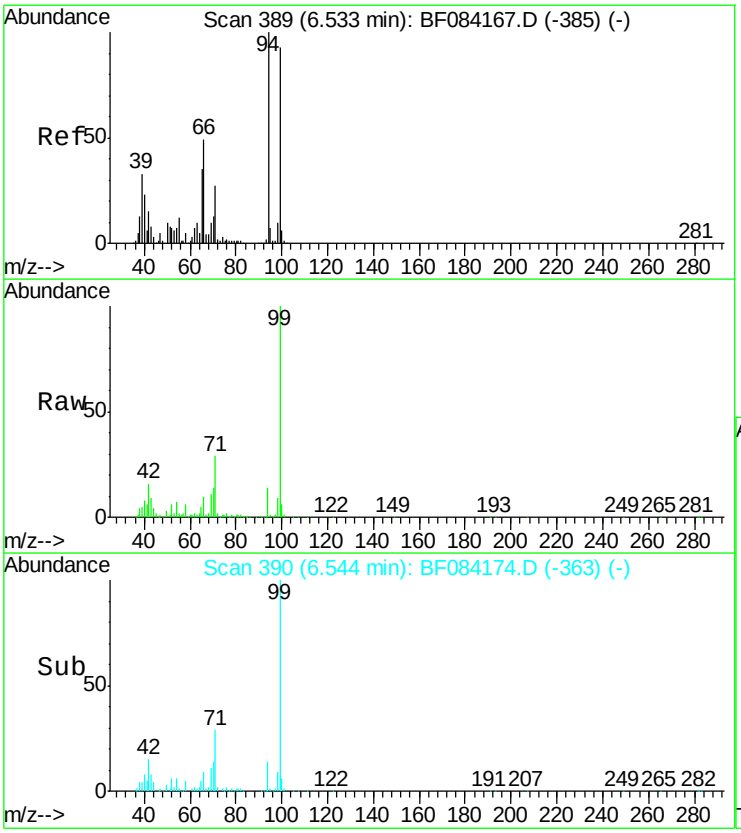
#7
Phenol-d6
Concen: 104.65 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion: 99 Resp: 2476496

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.2	28.8
71	38.4	30.4	45.6

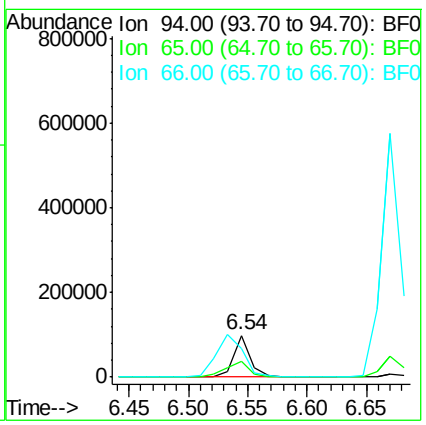


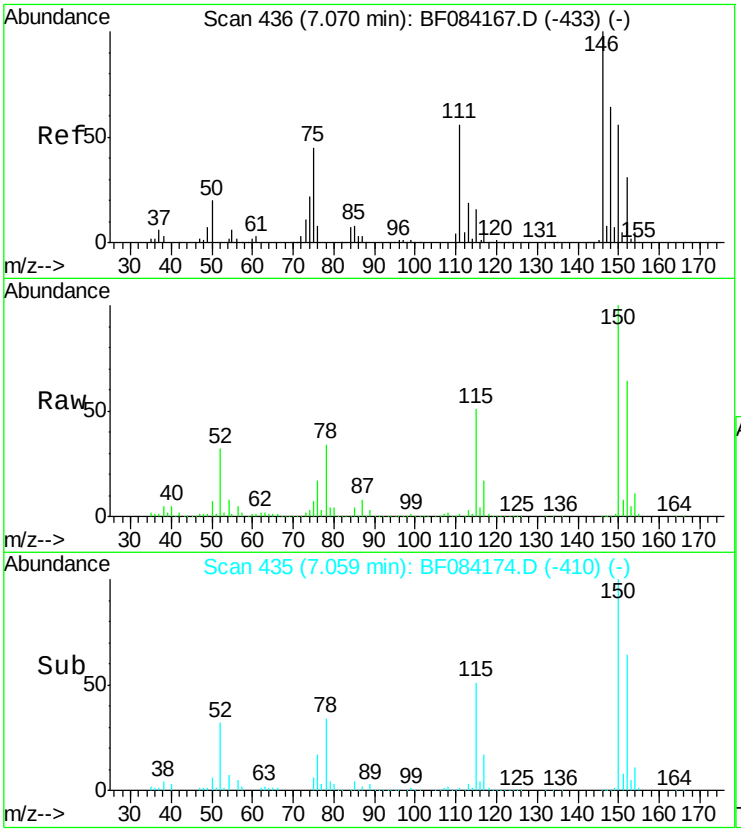


#10
Phenol
Concen: 3.52 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion: 94 Resp: 98715

Ion	Ratio	Lower	Upper
94	100		
65	38.4	15.2	55.2
66	68.8	29.0	69.0



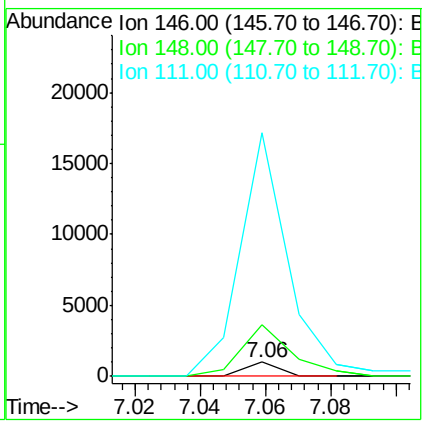


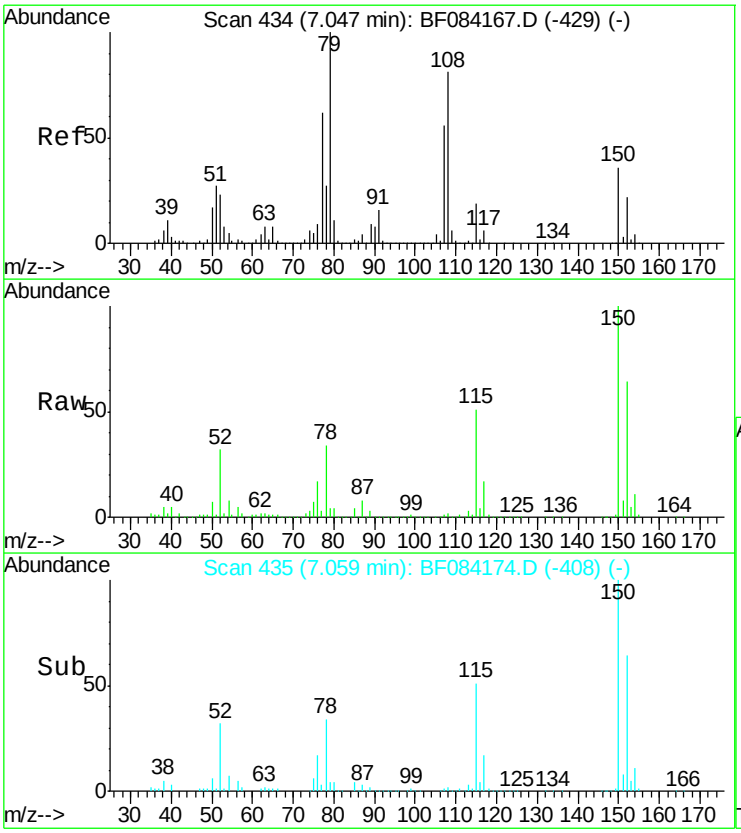
#14
1,2-Dichlorobenzene
Concen: Below Cal
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:146 Resp: 678

Ion	Ratio	Lower	Upper
146	100		
148	367.4	51.3	76.9#
111	1736.8	45.0	67.4#

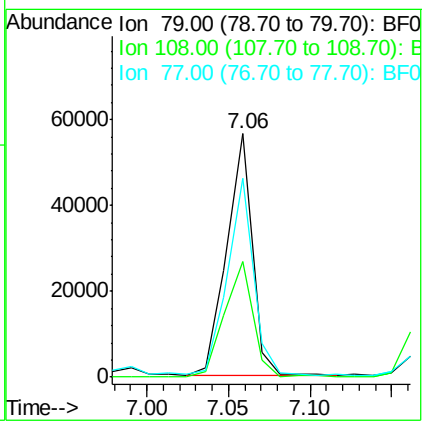


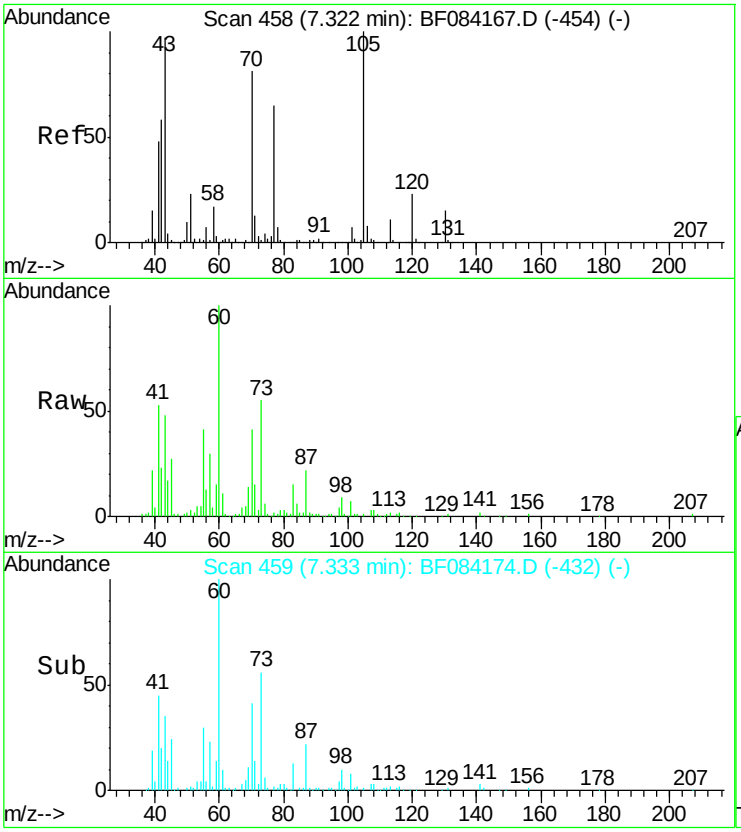


#15
Benzyl Alcohol
Concen: 3.07 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion: 79 Resp: 60681

Ion	Ratio	Lower	Upper
79	100		
108	47.6	65.1	97.7#
77	81.9	49.8	74.8#



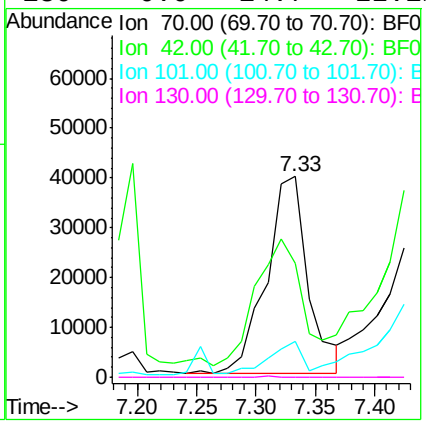


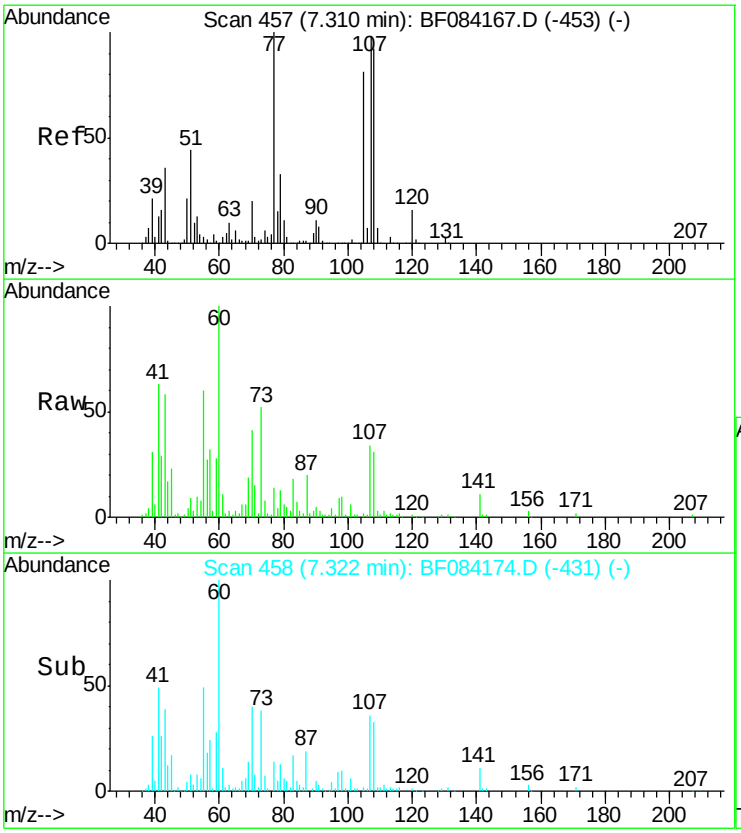
#19
n-Nitroso-di-n-propylamine
Concen: 6.18 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion: 70 Resp: 96300

Ion	Ratio	Lower	Upper
70	100		
42	57.1	57.4	86.0#
101	17.9	7.3	10.9#
130	0.0	14.7	22.1#

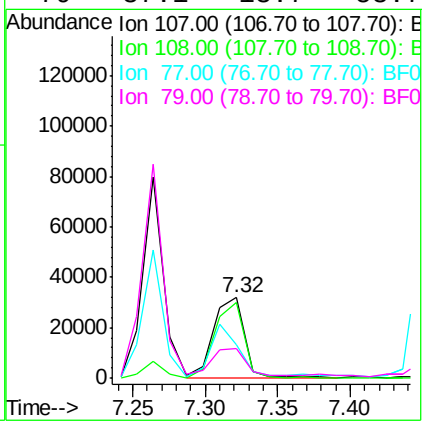


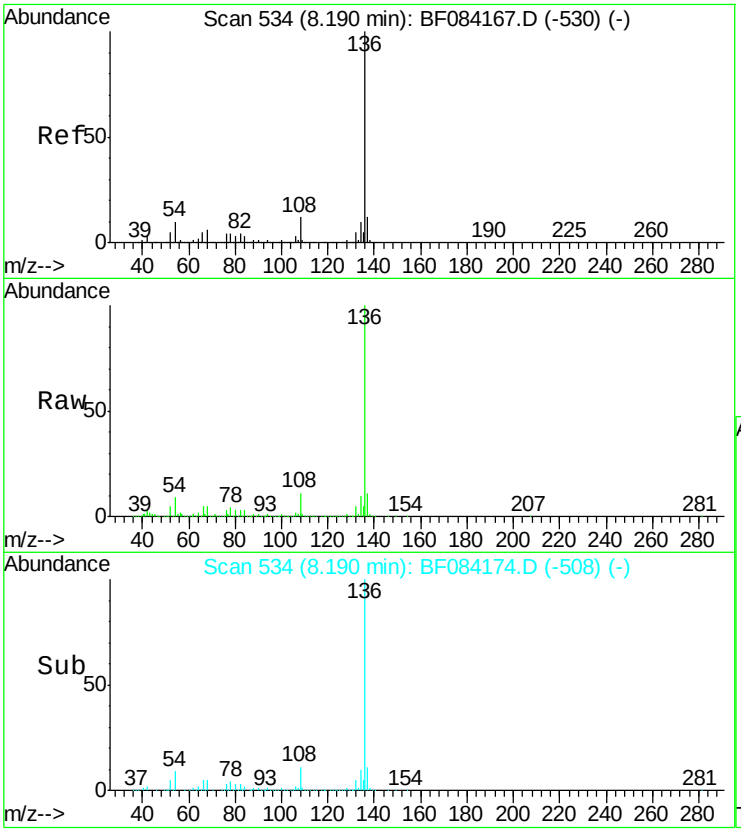


#20
3+4-Methylphenols
Concen: 2.26 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:107 Resp: 47315

Ion	Ratio	Lower	Upper
107	100		
108	93.1	74.5	114.5
77	41.6	82.4	122.4#
79	37.1	13.7	53.7



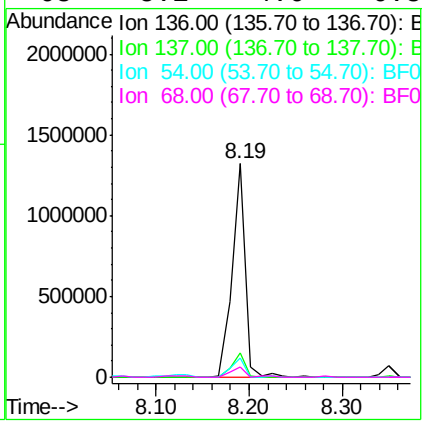


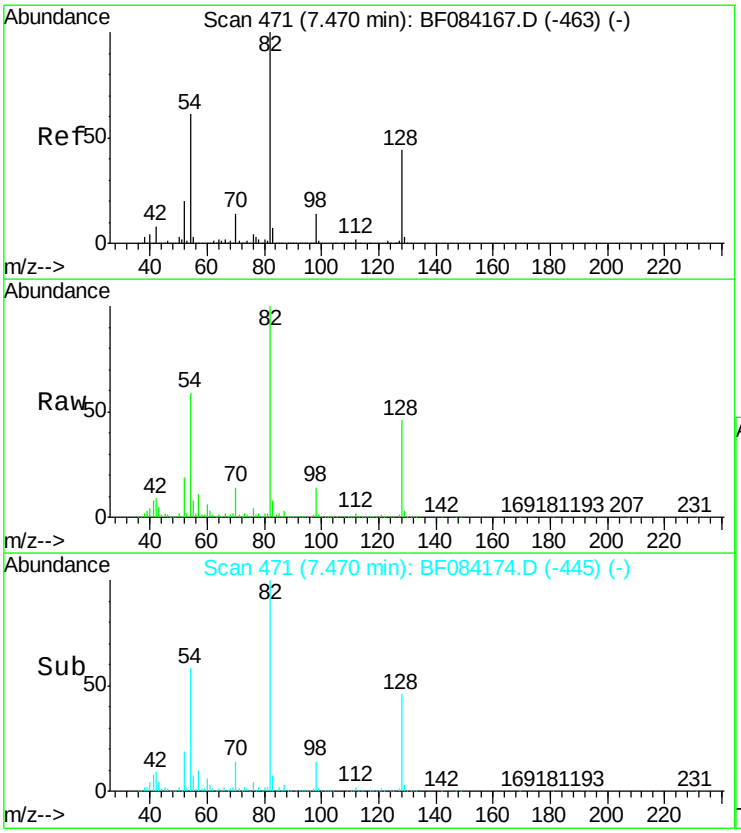
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:136 Resp: 1302200

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	8.7	7.6	11.4
68	5.1	4.6	6.8

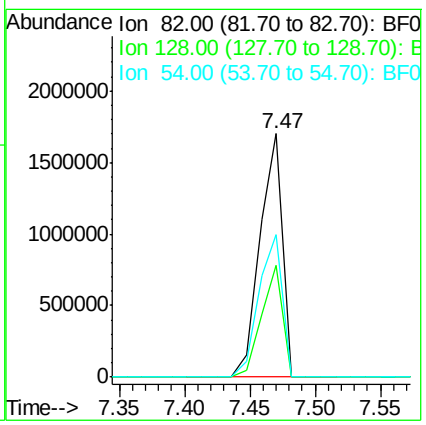


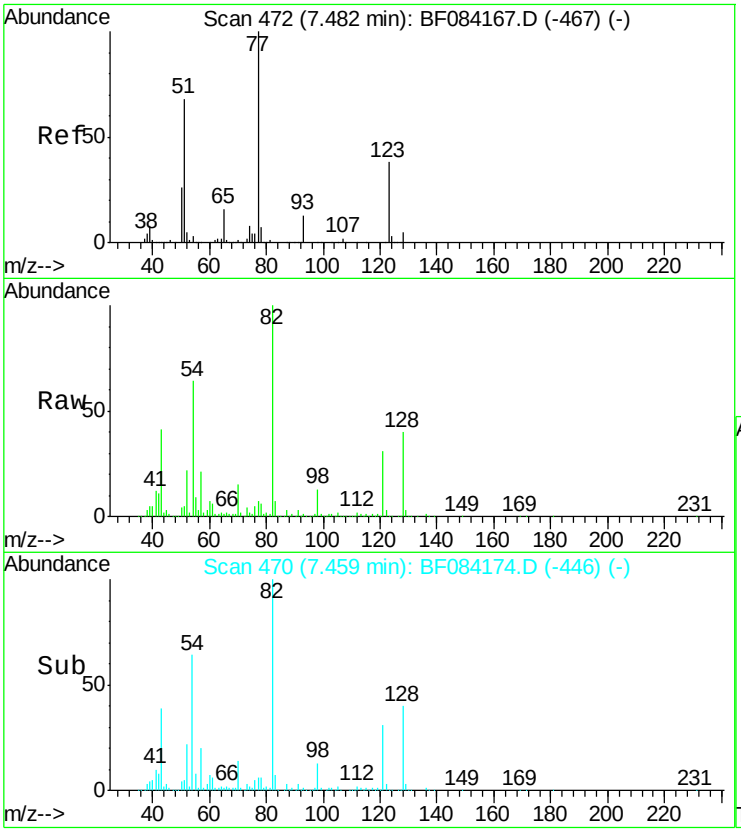


#23
Nitrobenzene-d5
Concen: 92.36 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion: 82 Resp: 2035431

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.0	52.4
54	58.5	48.5	72.7



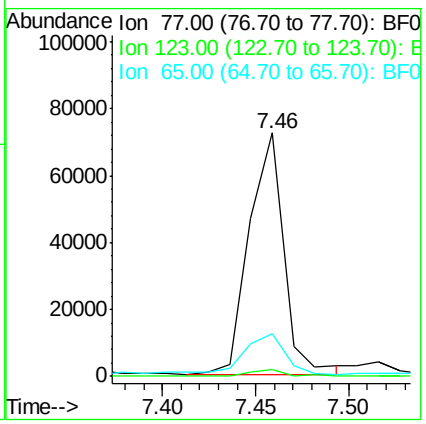


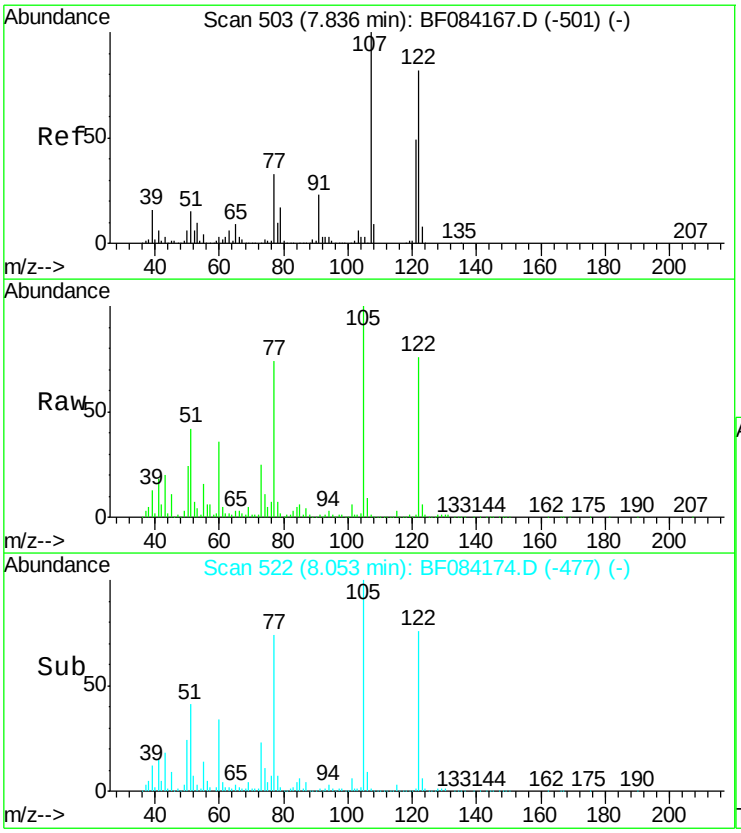
#24
Nitrobenzene
Concen: 4.07 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion: 77 Resp: 92462

Ion	Ratio	Lower	Upper
77	100		
123	2.8	31.3	46.9#
65	17.6	12.6	19.0

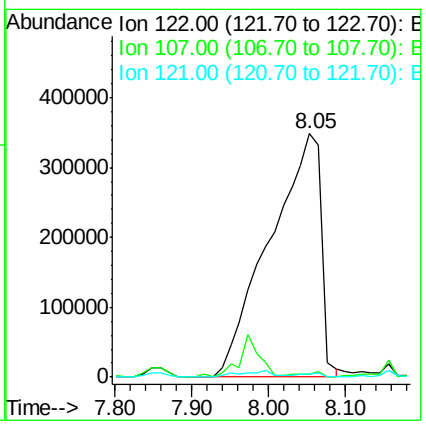


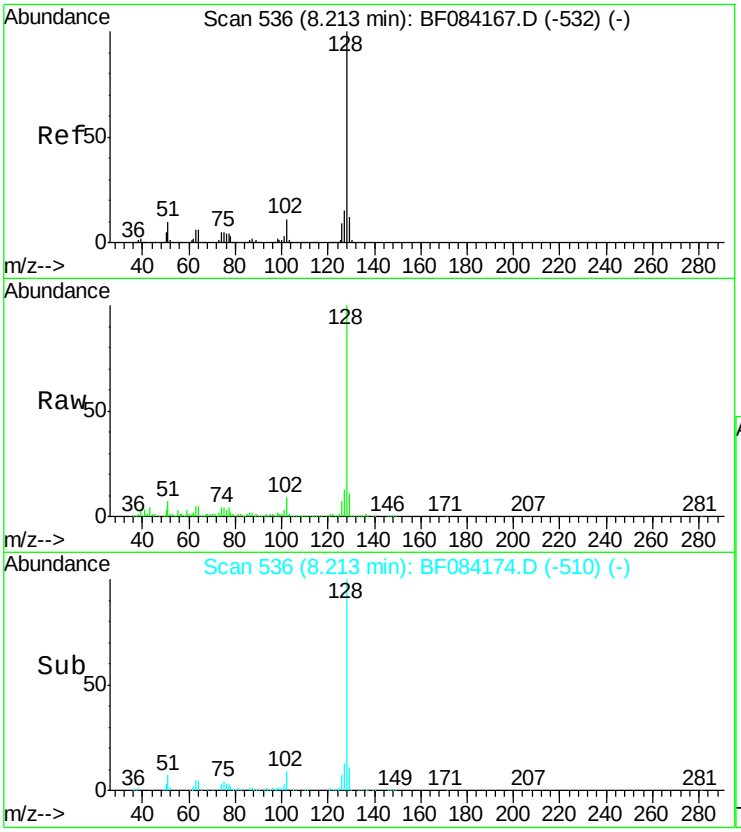


#27
2,4-Dimethylphenol
Concen: 76.81 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.22 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:122 Resp: 1618901

Ion	Ratio	Lower	Upper
122	100		
107	1.3	96.8	145.2#
121	1.4	47.0	70.6#



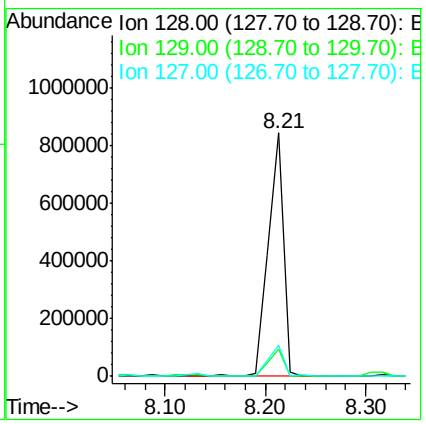


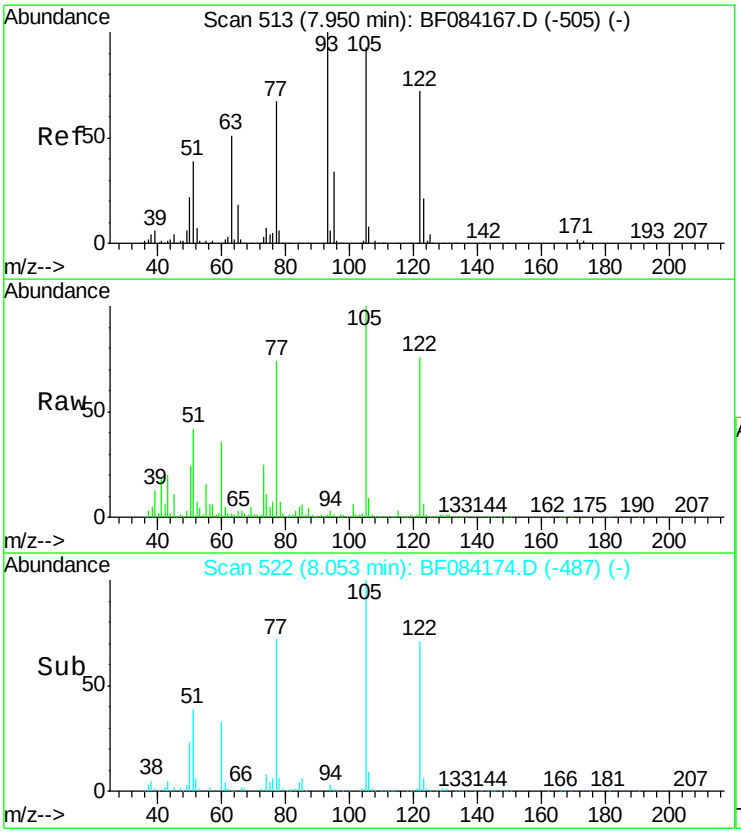
#31
Naphthalene
Concen: 14.92 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:128 Resp: 887682

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.0	15.0
127	12.9	12.0	18.0

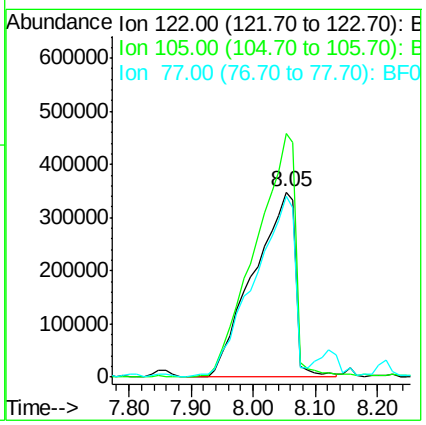


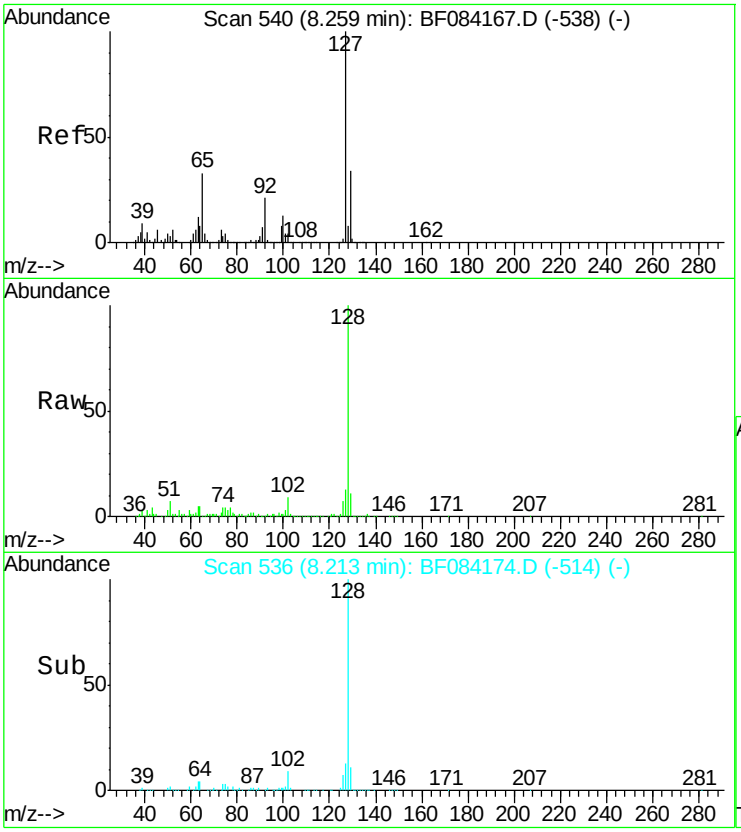


#32
Benzoic acid
Concen: 99.04 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.10 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:122 Resp: 1637978

Ion	Ratio	Lower	Upper
122	100		
105	131.4	108.6	148.6
77	97.3	74.1	114.1



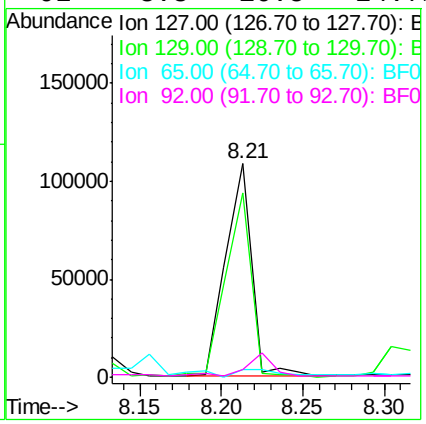


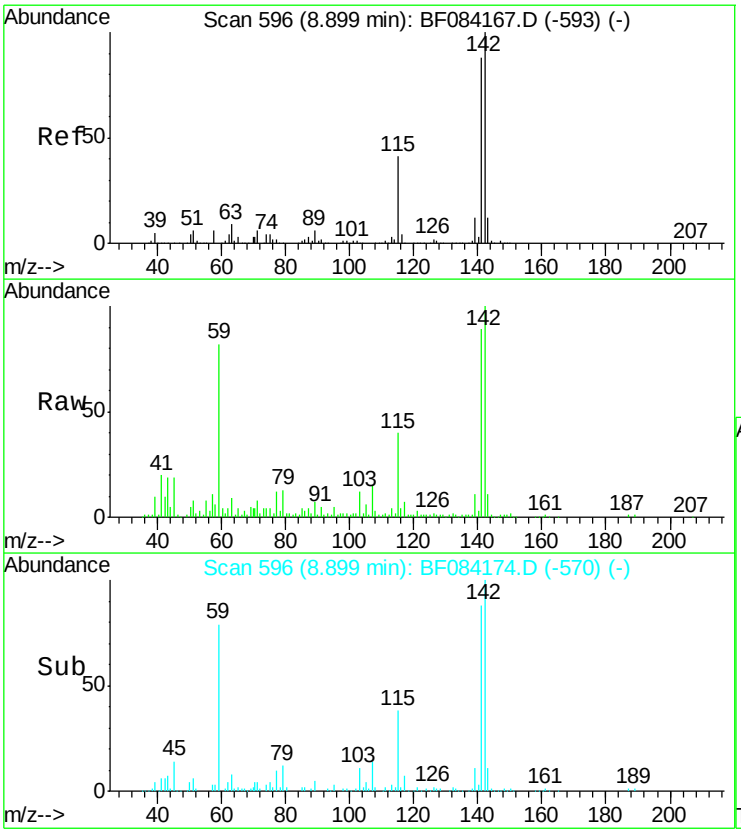
#33
4-Chloroaniline
Concen: 4.35 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:127 Resp: 118220

Ion	Ratio	Lower	Upper
127	100		
129	86.1	27.0	40.6#
65	3.5	26.6	40.0#
92	3.3	16.5	24.7#

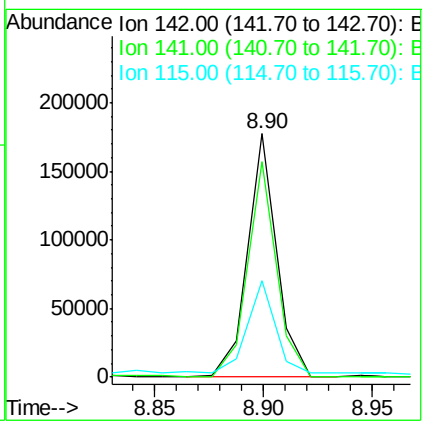


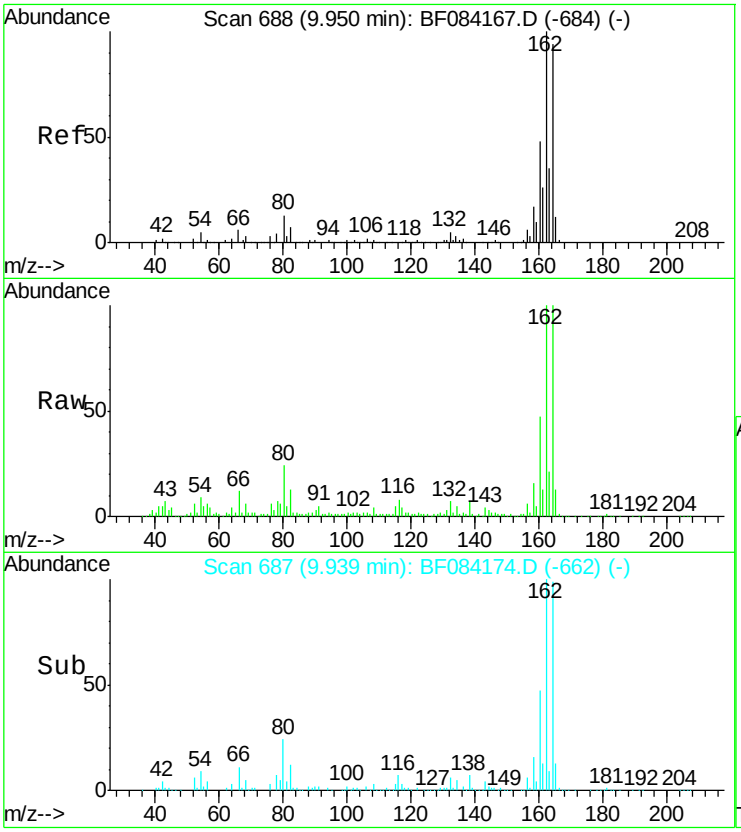


#37
2-Methylnaphthalene
Concen: 3.92 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:142 Resp: 165303

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.7	106.1
115	39.8	33.2	49.8



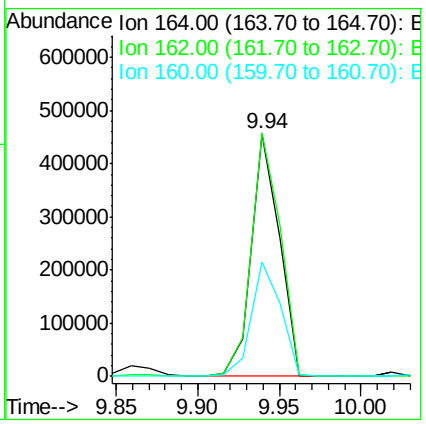


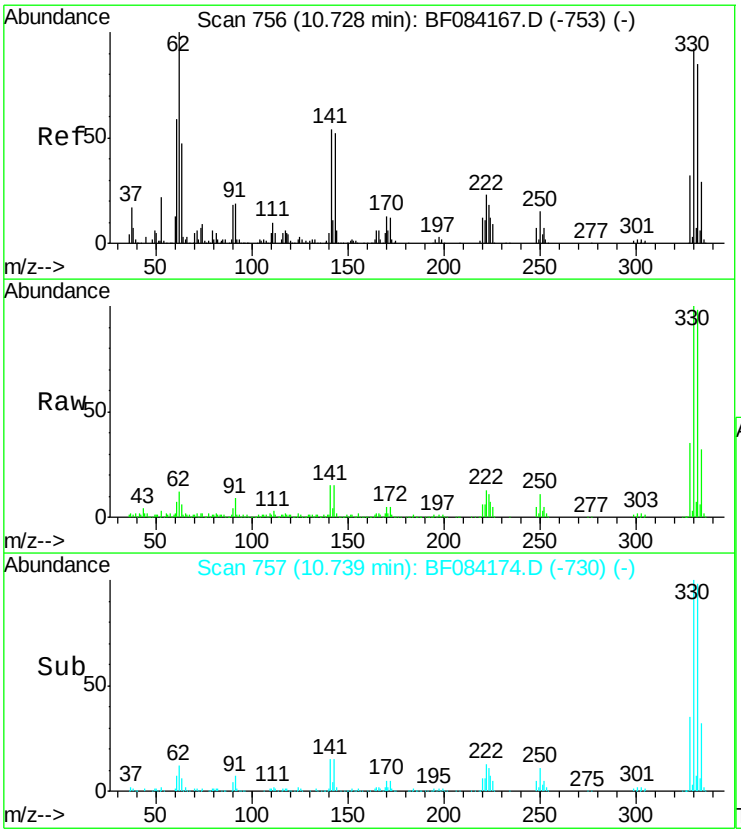
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:164 Resp: 541022

Ion	Ratio	Lower	Upper
164	100		
162	100.5	84.8	127.2
160	47.2	40.4	60.6

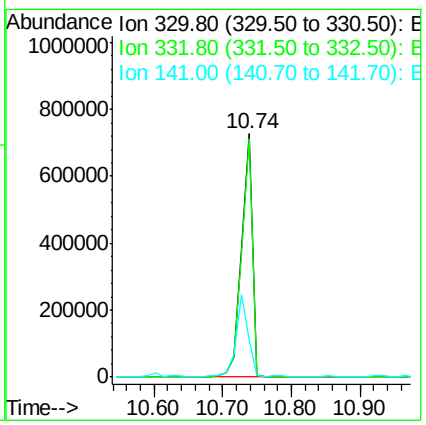


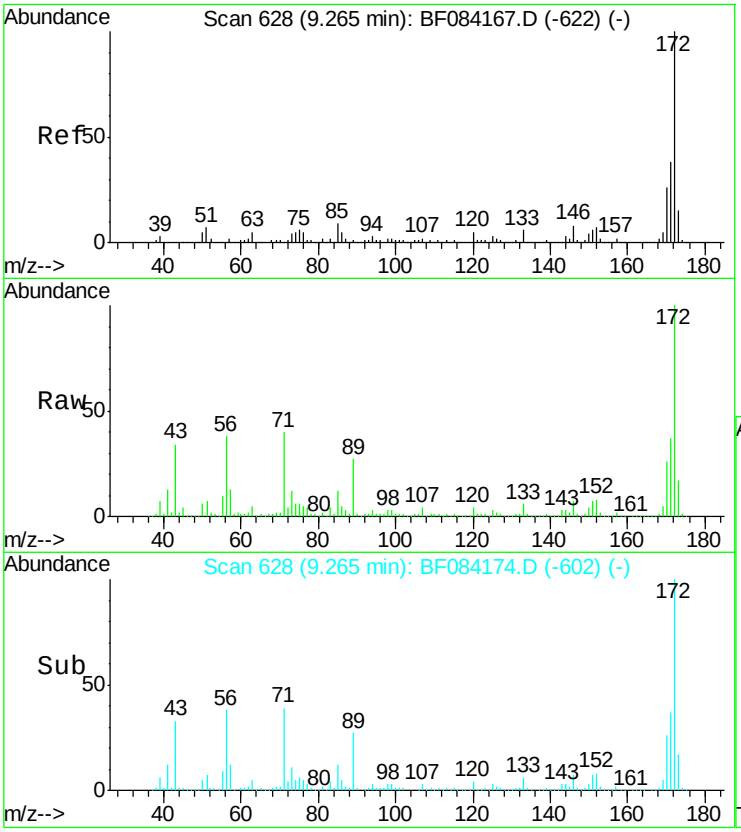


#41
2,4,6-Tribromophenol
Concen: 152.74 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:330 Resp: 824815

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.2
141	36.1	31.3	46.9



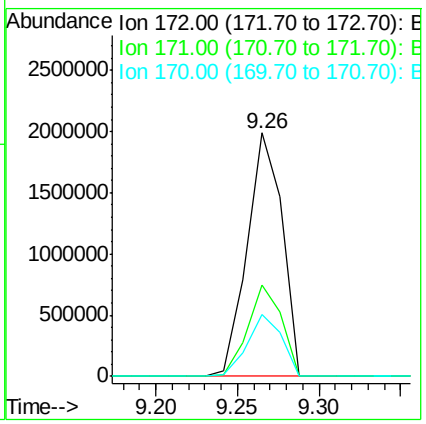


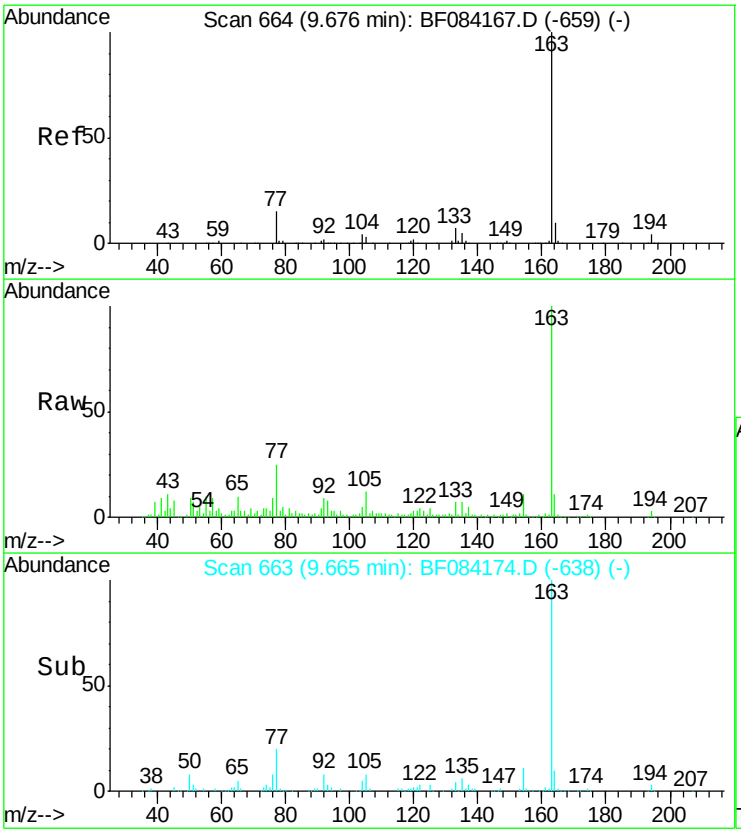
#44
2-Fluorobiphenyl
Concen: 96.38 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:172 Resp: 2945371

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	25.5	20.6	30.8

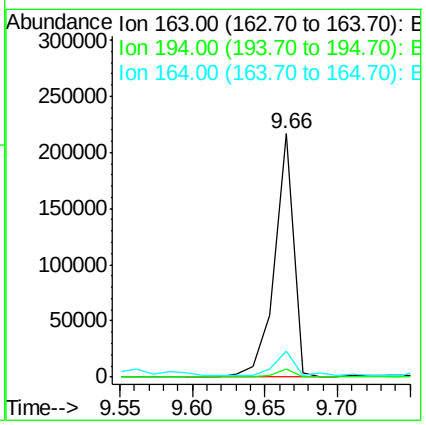


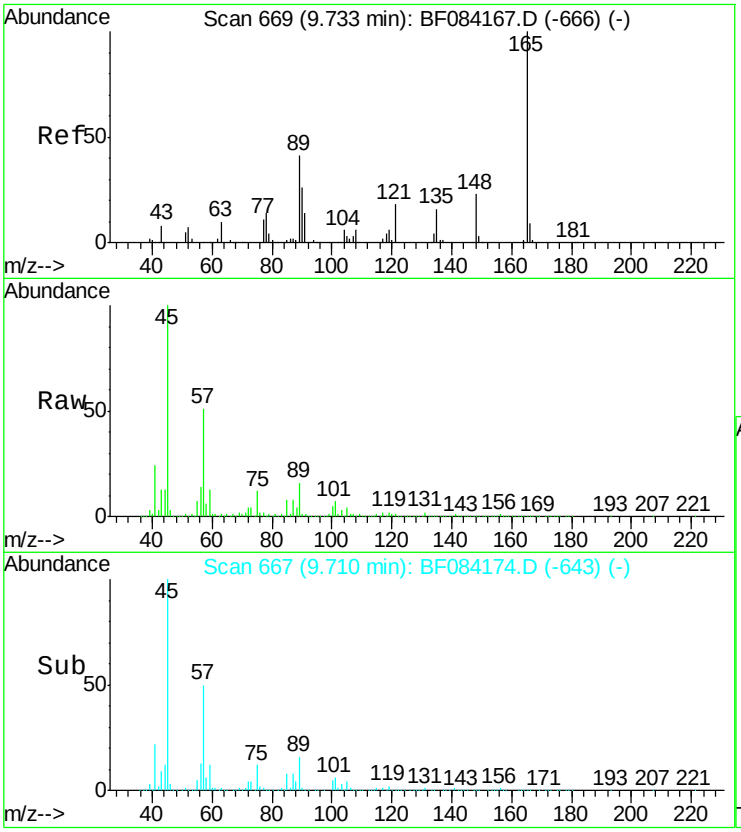


#49
Dimethylphthalate
Concen: 5.06 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:163 Resp: 196673

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	10.9	8.2	12.4



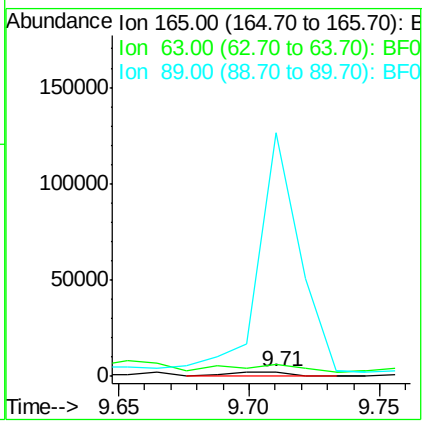


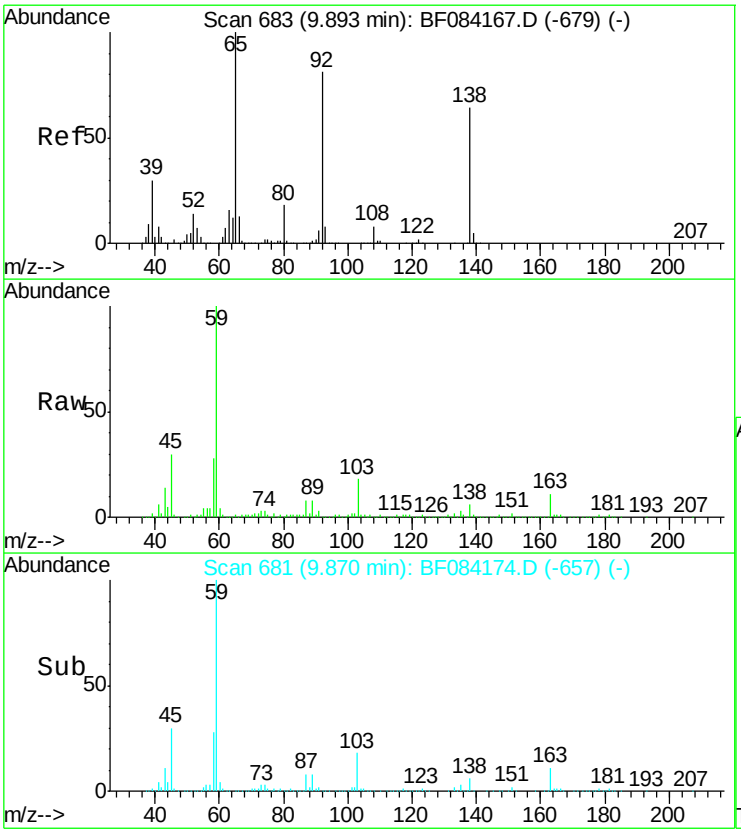
#50
2,6-Dinitrotoluene
Concen: 2.31 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:165 Resp: 3098

Ion	Ratio	Lower	Upper
165	100		
63	261.5	28.8	43.2#
89	5135.8	32.7	49.1#

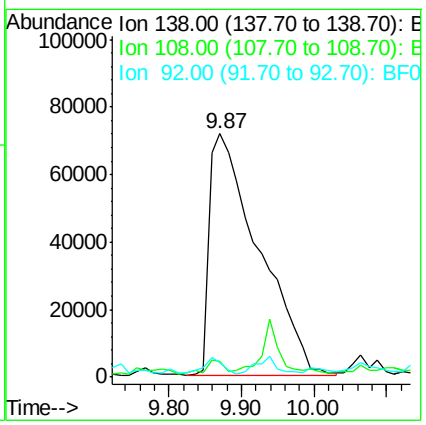


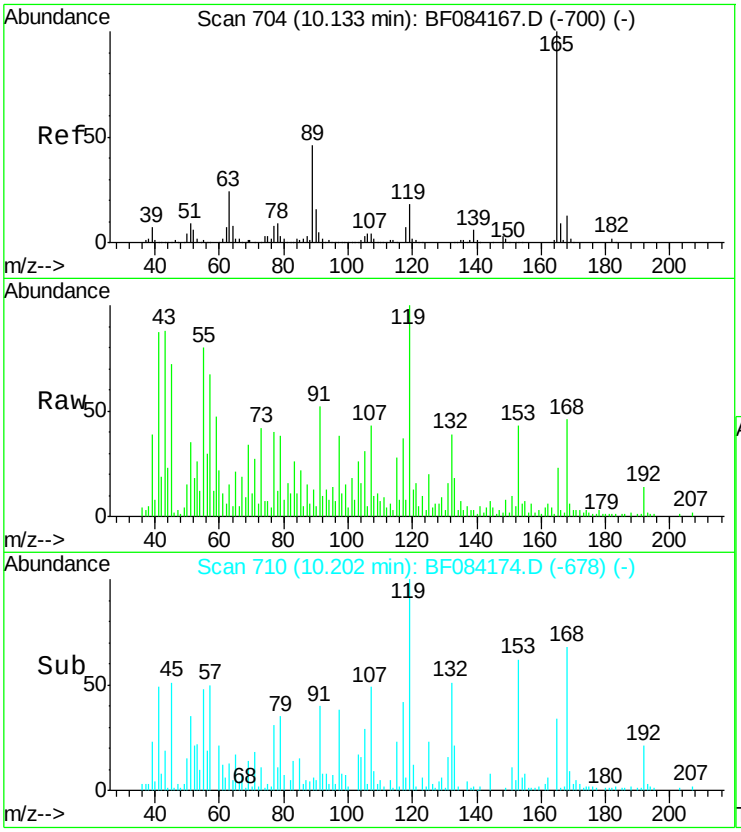


#52
3-Nitroaniline
Concen: 34.96 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:138 Resp: 339239

Ion	Ratio	Lower	Upper
138	100		
108	6.5	10.2	15.4#
92	5.7	101.9	152.9#



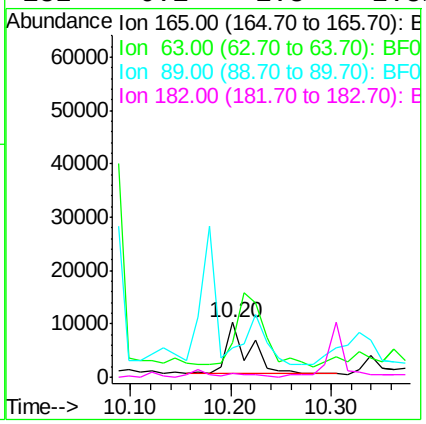


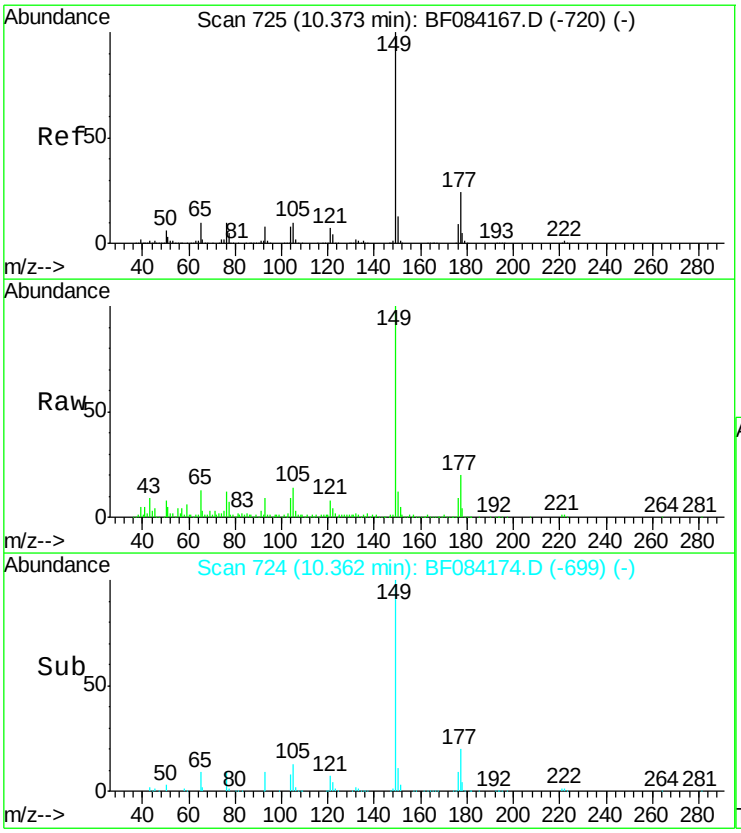
#56
2,4-Dinitrotoluene
Concen: 2.65 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.07 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:165 Resp: 15581

Ion	Ratio	Lower	Upper
165	100		
63	63.4	19.4	29.2#
89	53.3	37.0	55.6
182	6.1	1.8	2.8#

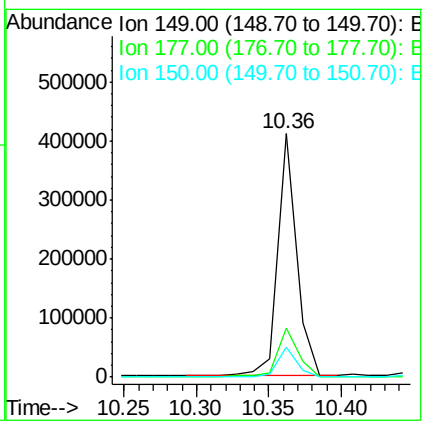


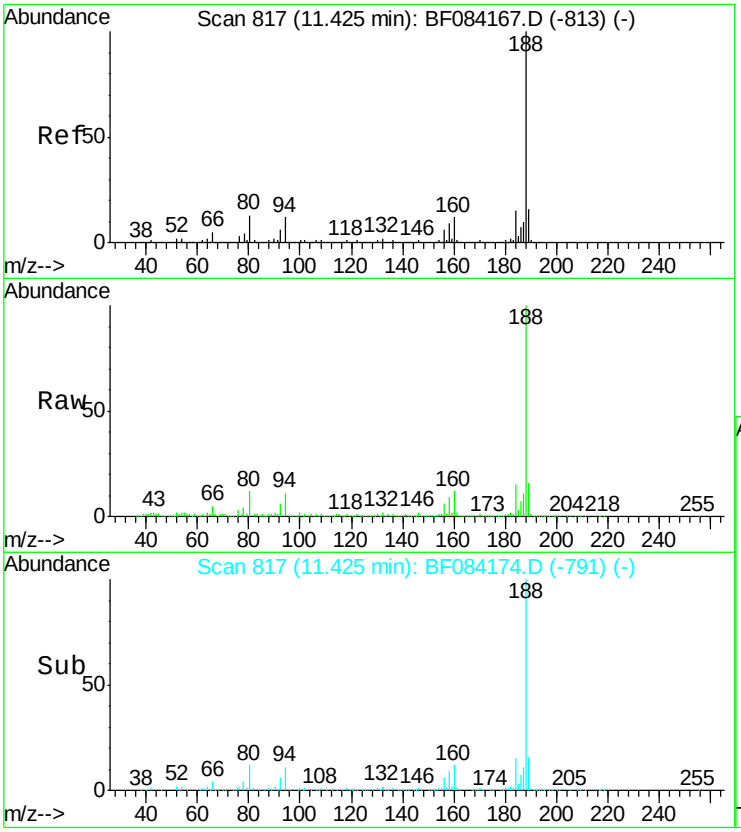


#59
Diethylphthalate
Concen: 6.86 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:149 Resp: 370854

Ion	Ratio	Lower	Upper
149	100		
177	20.3	19.1	28.7
150	12.3	10.6	15.8



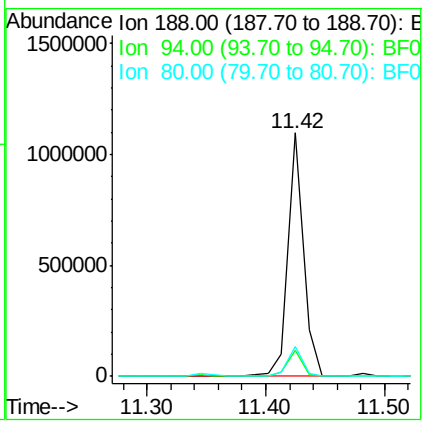


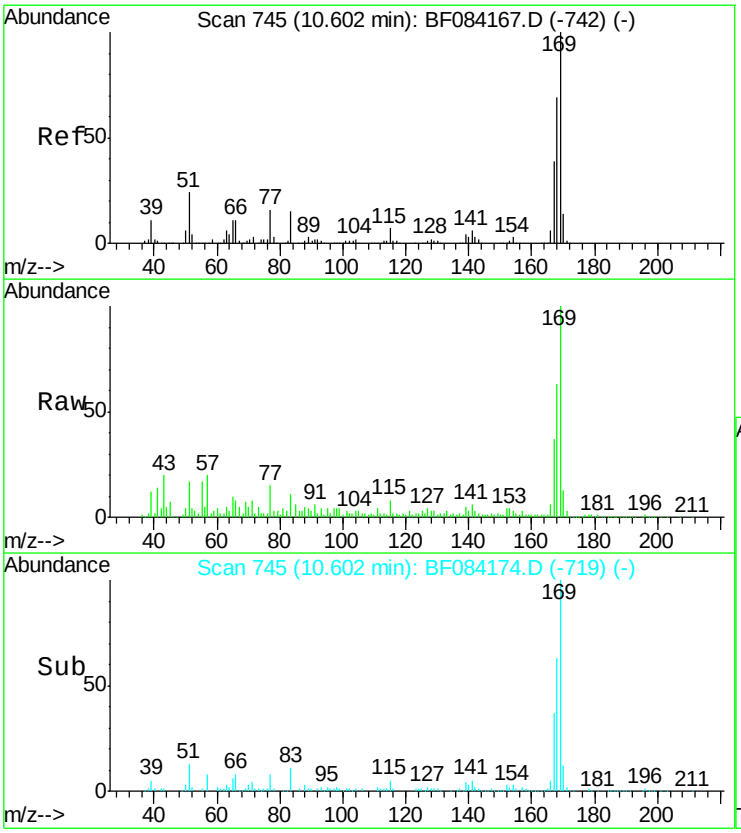
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:188 Resp: 983547

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.2	13.8
80	12.0	10.1	15.1

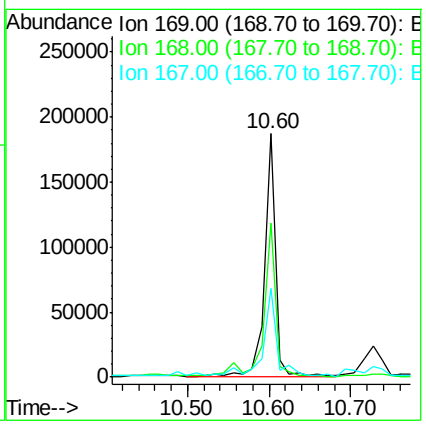


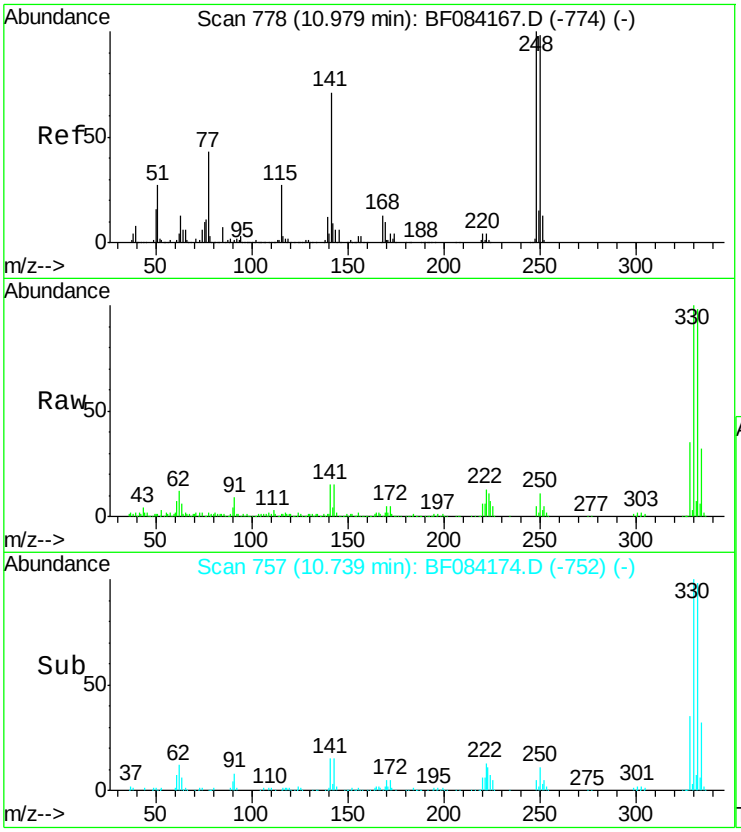


#65
n-Nitrosodiphenylamine
Concen: 5.72 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:169 Resp: 178263

Ion	Ratio	Lower	Upper
169	100		
168	63.3	55.2	82.8
167	36.6	31.1	46.7



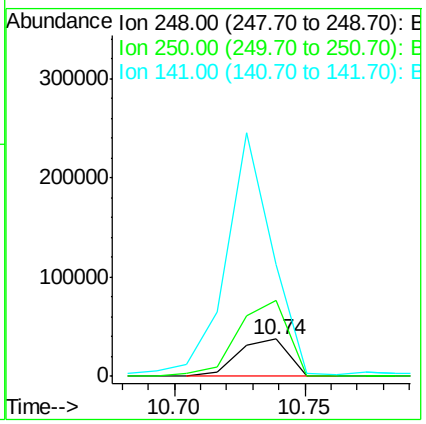


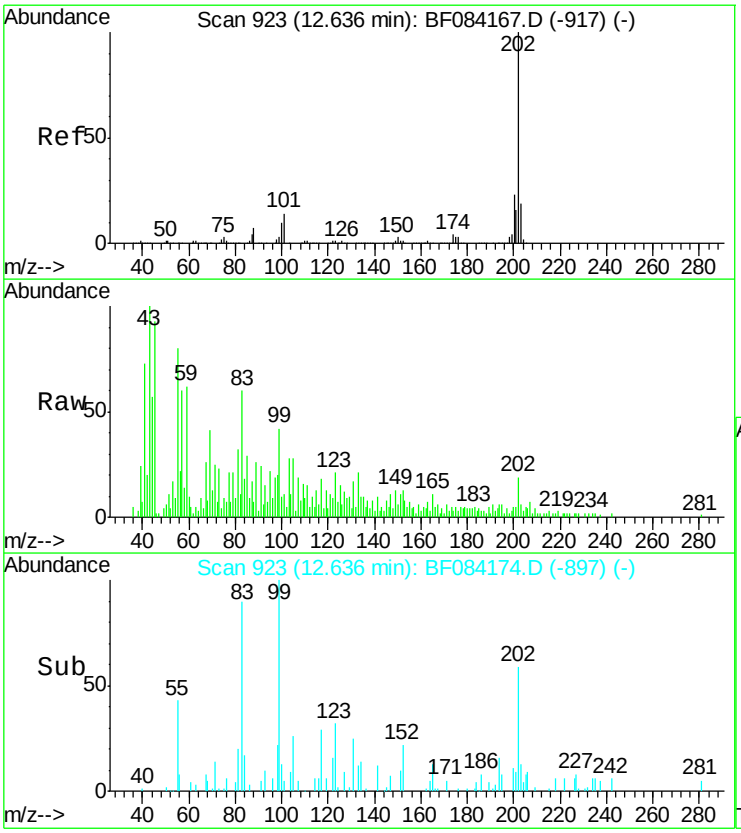
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.24 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:248 Resp: 50404

Ion	Ratio	Lower	Upper
248	100		
250	206.9	78.7	118.1#
141	301.6	57.1	85.7#

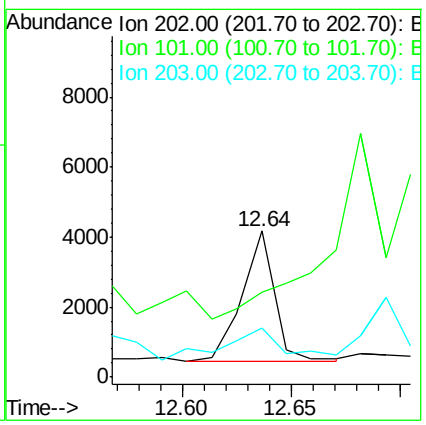


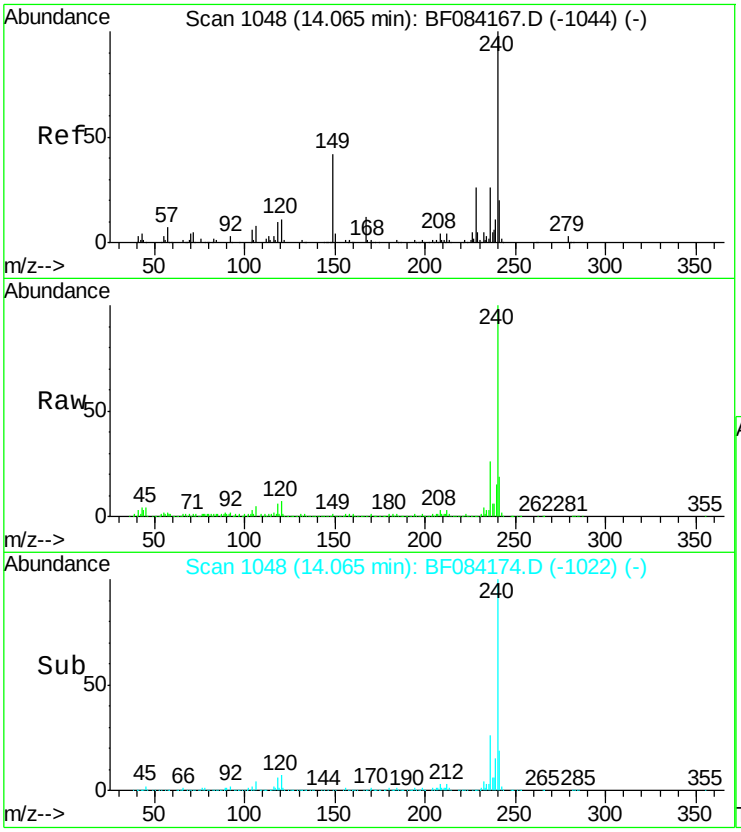


#74
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:202 Resp: 3850

Ion	Ratio	Lower	Upper
202	100		
101	58.4	0.0	34.0#
203	33.7	0.0	39.2



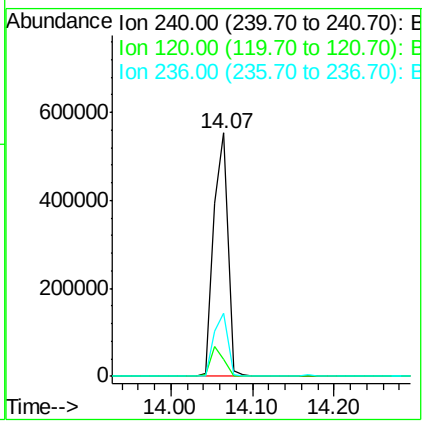


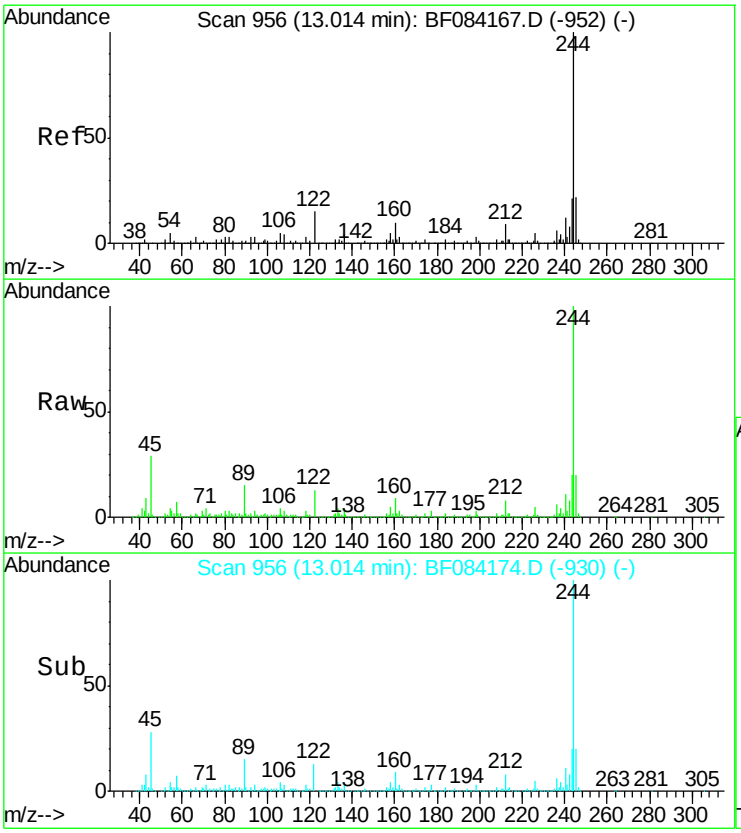
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:240 Resp: 672811

Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.8	13.2#
236	26.1	20.8	31.2

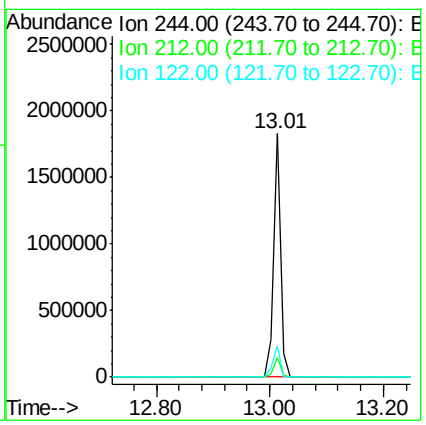


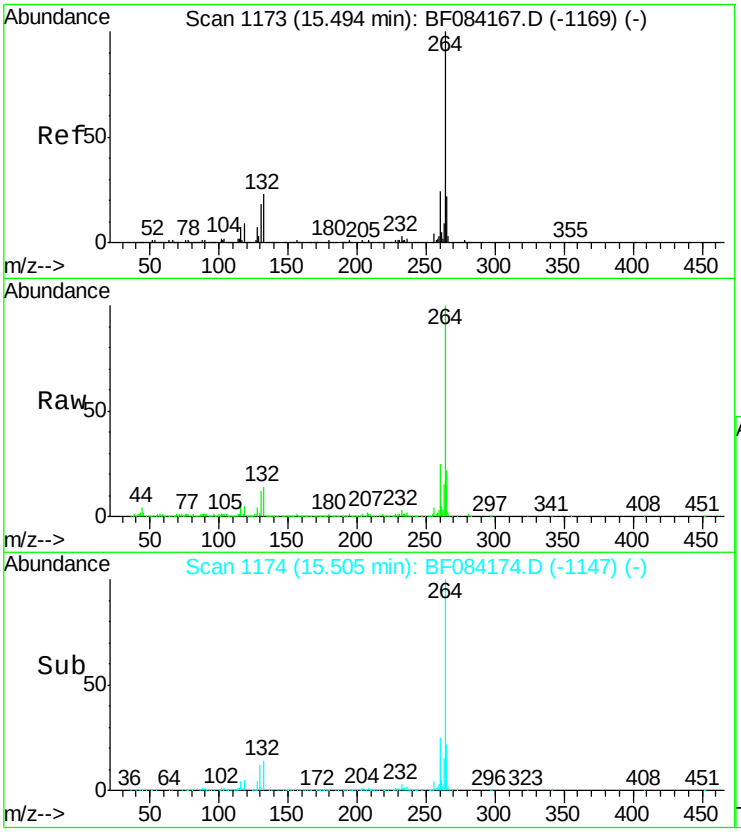


#78
Terphenyl-d14
Concen: 55.55 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Tgt Ion:244 Resp: 1586801

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	12.9	11.9	17.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF084174.D
Acq: 31 Dec 2015 4:43

Instrument :
BNA_G
ClientSampleId :
LAR-9883

Tgt Ion:264 Resp: 540373

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.9	28.3
265	22.4	18.0	27.0