Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
Data File : BF075731.D
Acq On : 21 Nov 2014 3:12
Operator : TP / JJ
Sample : F4768-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1B

Quant Time: Nov 21 04:54:07 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 18:09:59 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	64008	20.00	ng		-0.01
21) Naphthalene-d8	9.05	136	271881	20.00	ng		-0.01
38) Acenaphthene-d10	11.23	164	135527	20.00	ng		-0.02
63) Phenanthrene-d10	13.08	188	226960	20.00	ng		-0.01
75) Chrysene-d12	16.36	240	239177	20.00	ng		-0.03
86) Perylene-d12	18.06	264	241864	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	201486	48.91	ng		-0.02
7) Phenol-d6	7.03	99	150658	30.07	ng		-0.01
23) Nitrobenzene-d5	8.16	82	318164	71.83	ng		-0.01
41) 2,4,6-Tribromophenol	12.21	330	134812	122.01	ng		-0.02
44) 2-Fluorobiphenyl	10.40	172	610834	70.56	ng		-0.01
78) Terphenyl-d14	15.07	244	550775	57.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	7775	4.17	ng	#	90
10) Phenol	7.04	94	32792	5.17	ng		85
11) bis(2-Chloroethyl)ether	7.16	93	17294	3.85	ng		89
13) 1,4-Dichlorobenzene	7.50	146	21662	4.16	ng		94
14) 1,2-Dichlorobenzene	7.68	146	23469	4.80	ng	#	90
15) Benzyl Alcohol	7.65	79	127719	35.64	ng		88
17) 2-Methylphenol	7.80	107	32538	8.36	ng		94
20) 3+4-Methylphenols	7.99	107	21417	4.25	ng	#	62
27) 2,4-Dimethylphenol	8.64	122	32996	7.87	ng		93
31) Naphthalene	9.08	128	54118	3.90	ng		98
32) Benzoic acid	8.64	122	32996	13.85	ng	#	20
36) 4-Chloro-3-methylphenol	9.78	107	59598	14.96	ng	#	20

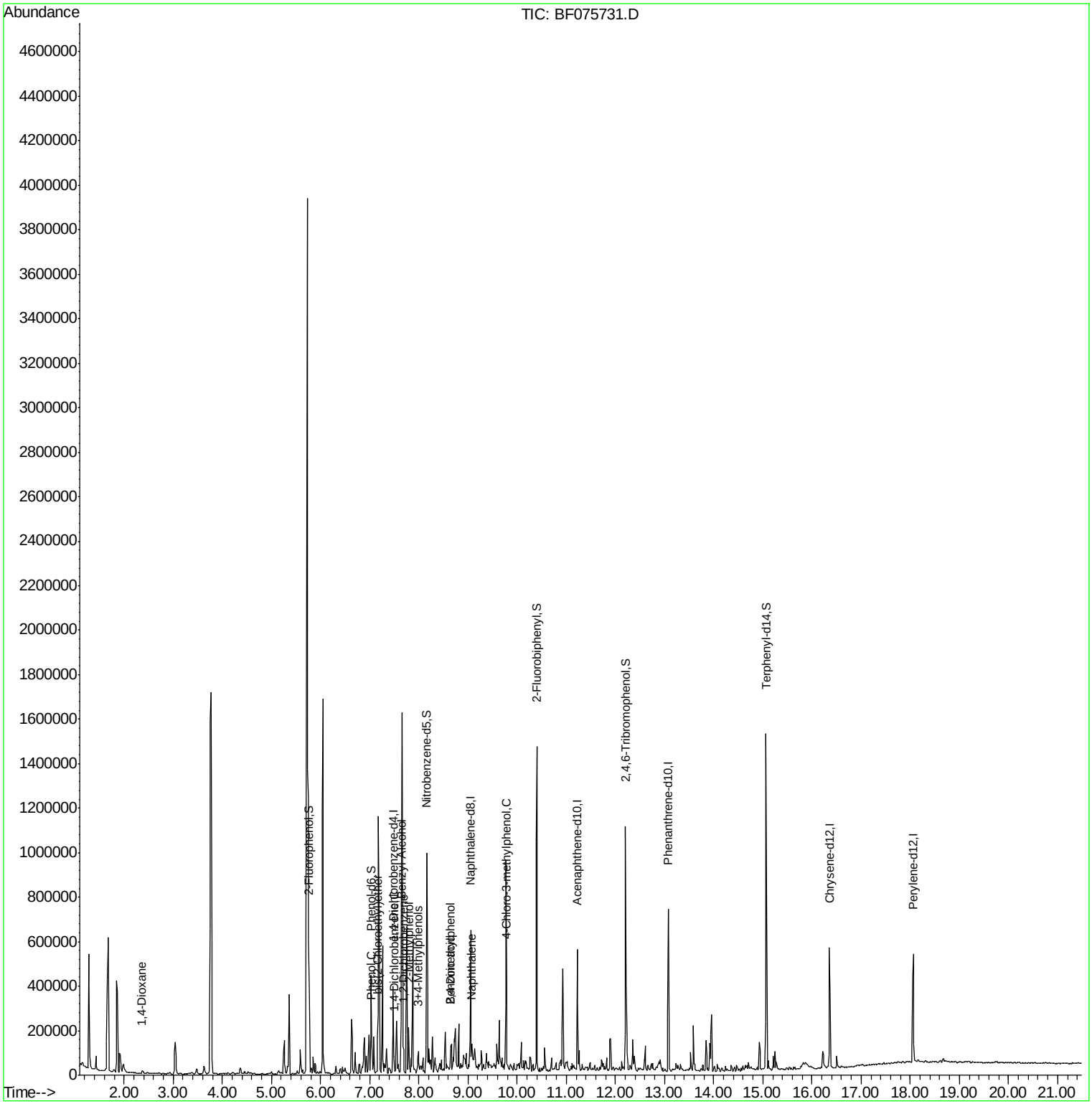
(#) = qualifier out of range (m) = manual integration (+) = signals summed

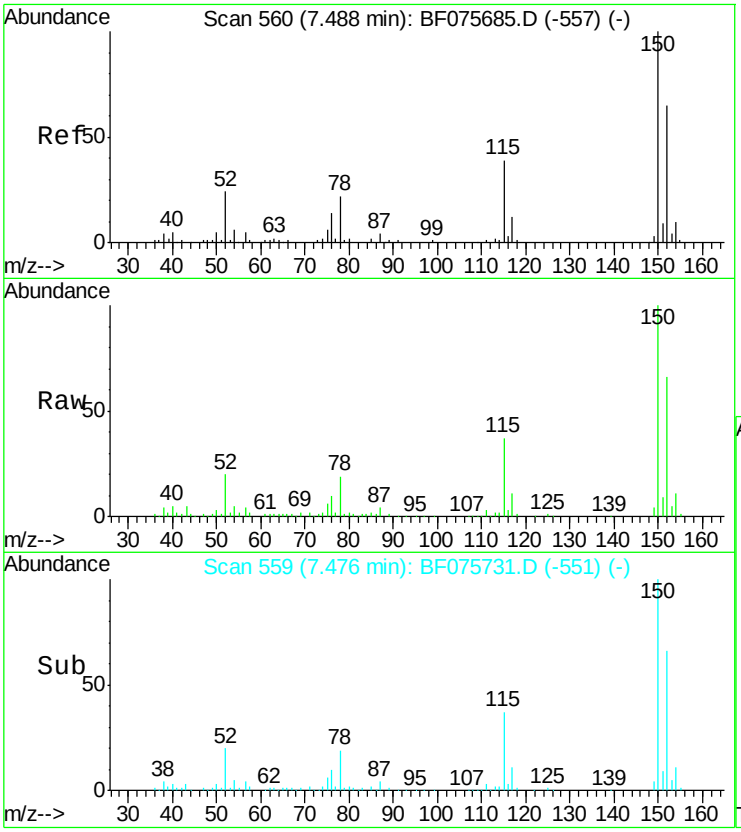
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
Data File : BF075731.D
Acq On : 21 Nov 2014 3:12
Operator : TP / JJ
Sample : F4768-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1B

Quant Time: Nov 21 04:54:07 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 18:09:59 2014
Response via : Initial Calibration



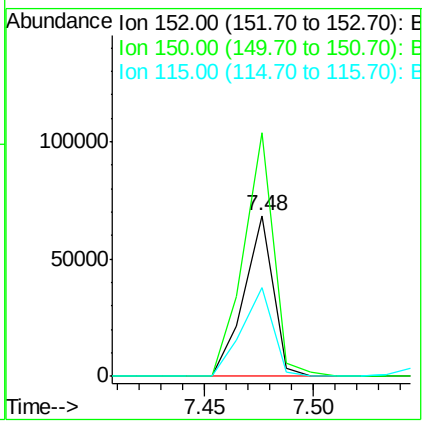


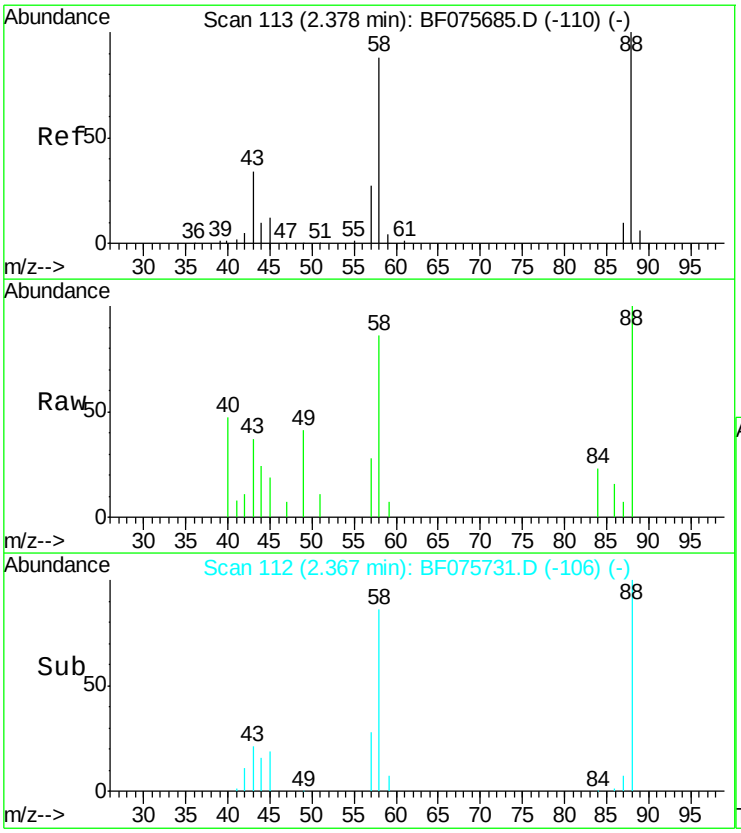
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:152 Resp: 64008

Ion	Ratio	Lower	Upper
152	100		
150	151.7	127.2	190.8
115	55.6	57.1	85.7#

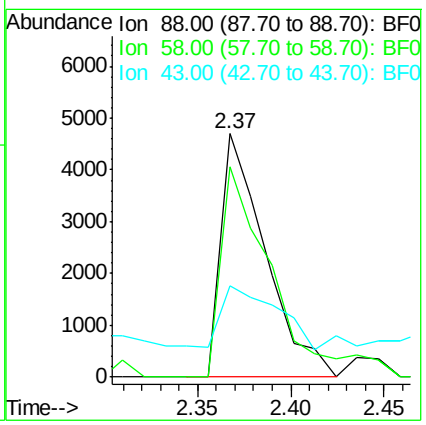


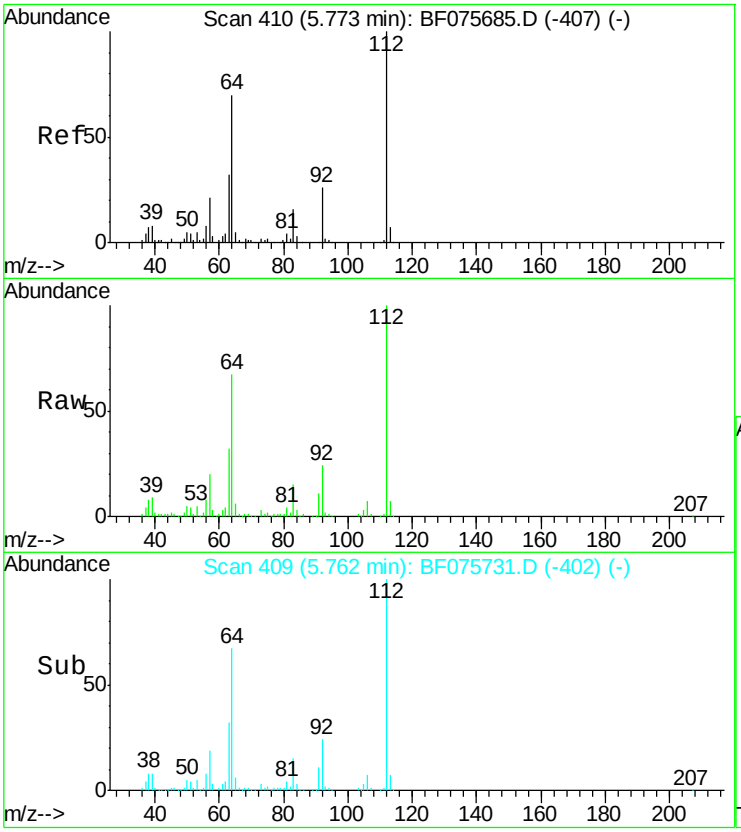


#2
1,4-Dioxane
Concen: 4.17 ng
RT: 2.37 min Scan# 112
Delta R.T. -0.03 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion: 88 Resp: 7775

Ion	Ratio	Lower	Upper
88	100		
58	100.3	73.5	110.3
43	31.8	31.9	47.9#



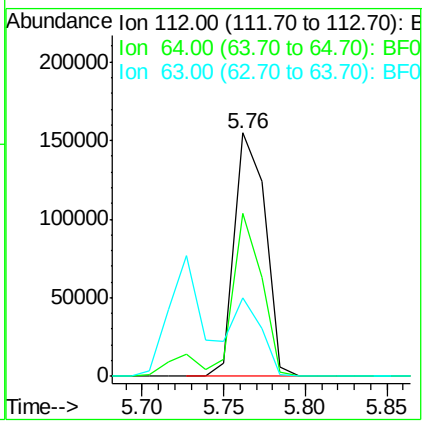


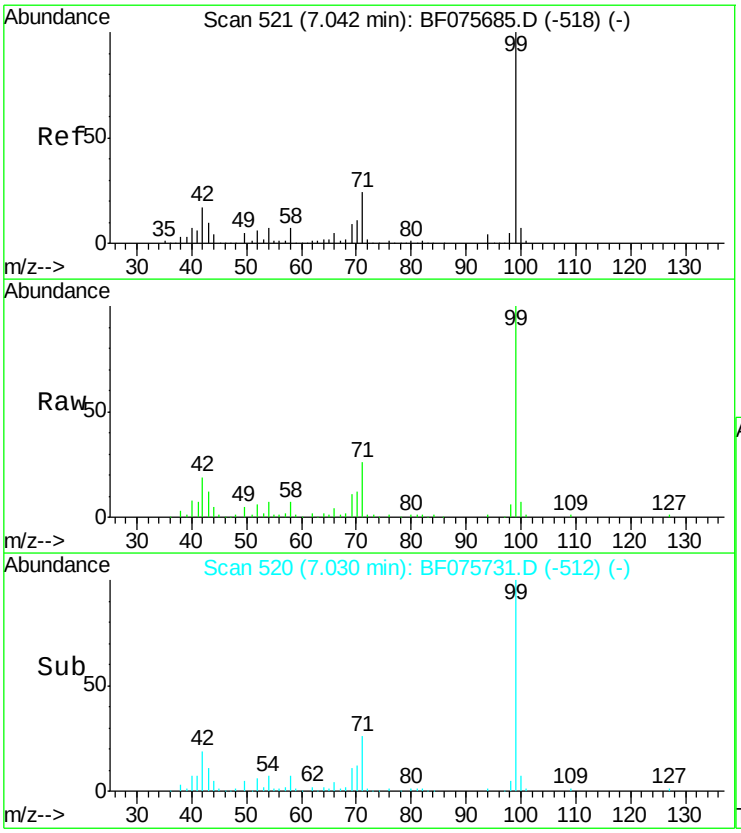
#5
2-Fluorophenol
Concen: 48.91 ng
RT: 5.76 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:112 Resp: 201486

Ion	Ratio	Lower	Upper
112	100		
64	67.0	45.8	68.6
63	32.4	22.7	34.1

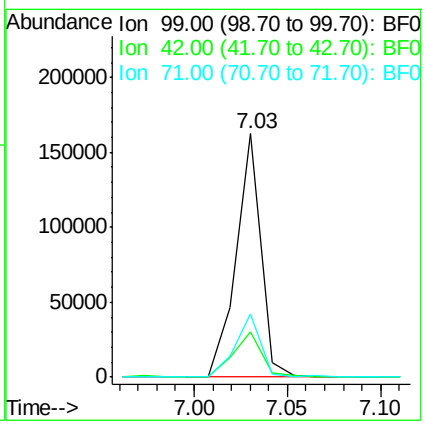


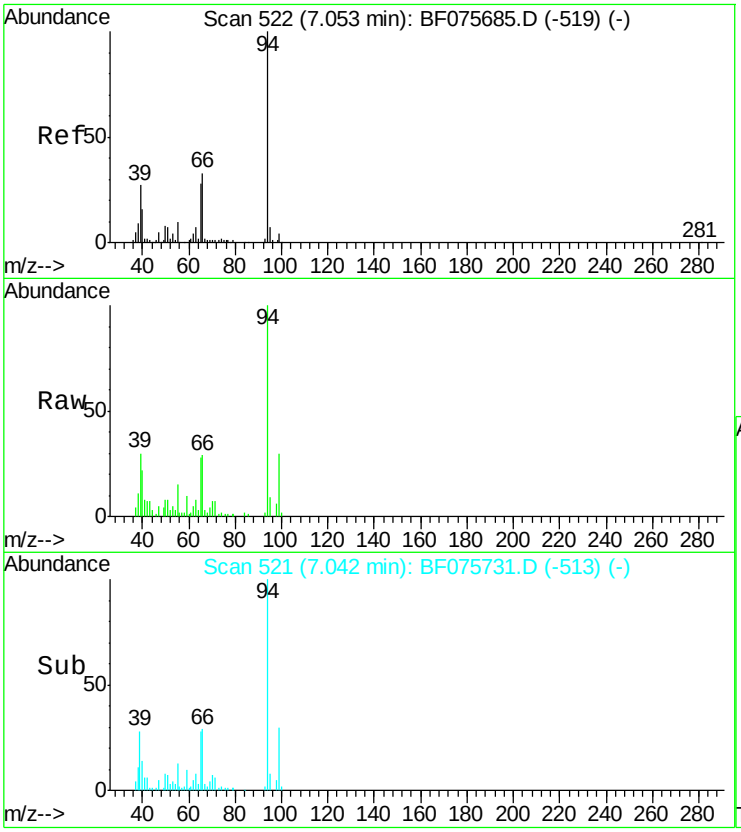


#7
Phenol-d6
Concen: 30.07 ng
RT: 7.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion: 99 Resp: 150658

Ion	Ratio	Lower	Upper
99	100		
42	18.6	19.8	29.6#
71	25.7	25.5	38.3



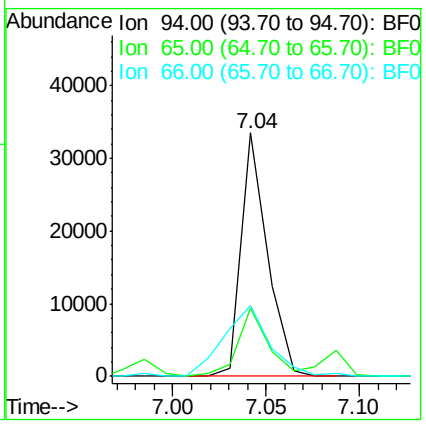


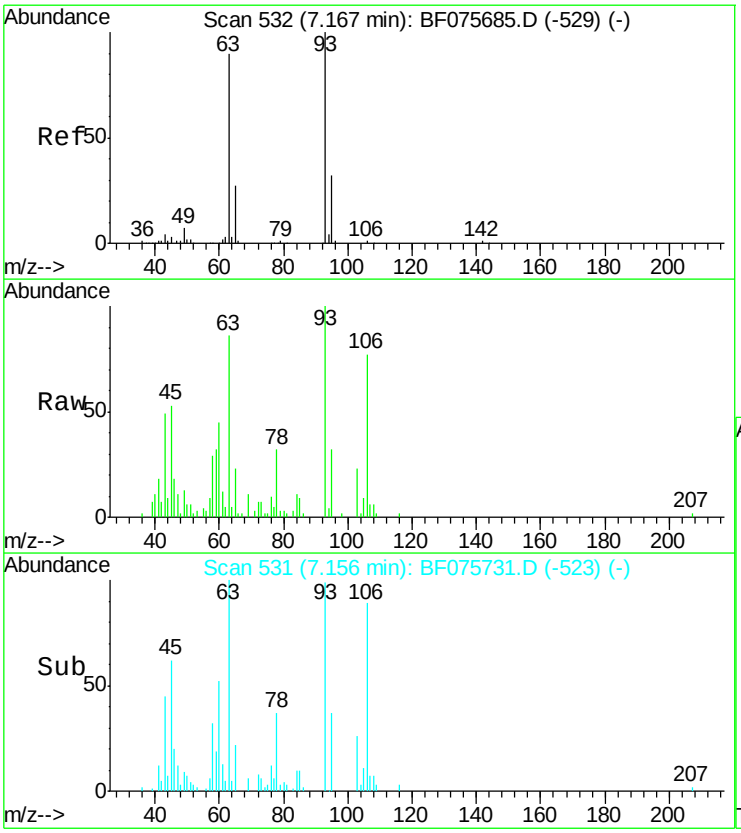
#10
Phenol
Concen: 5.17 ng
RT: 7.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion: 94 Resp: 32792

Ion	Ratio	Lower	Upper
94	100		
65	27.9	13.1	53.1
66	28.8	20.8	60.8

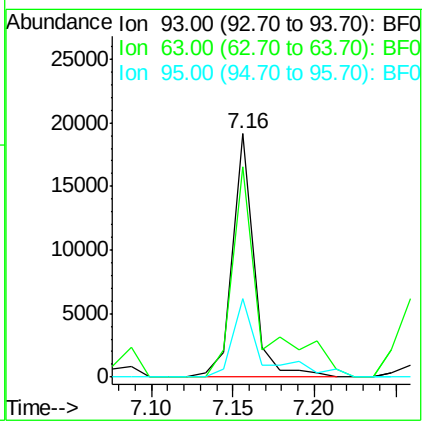


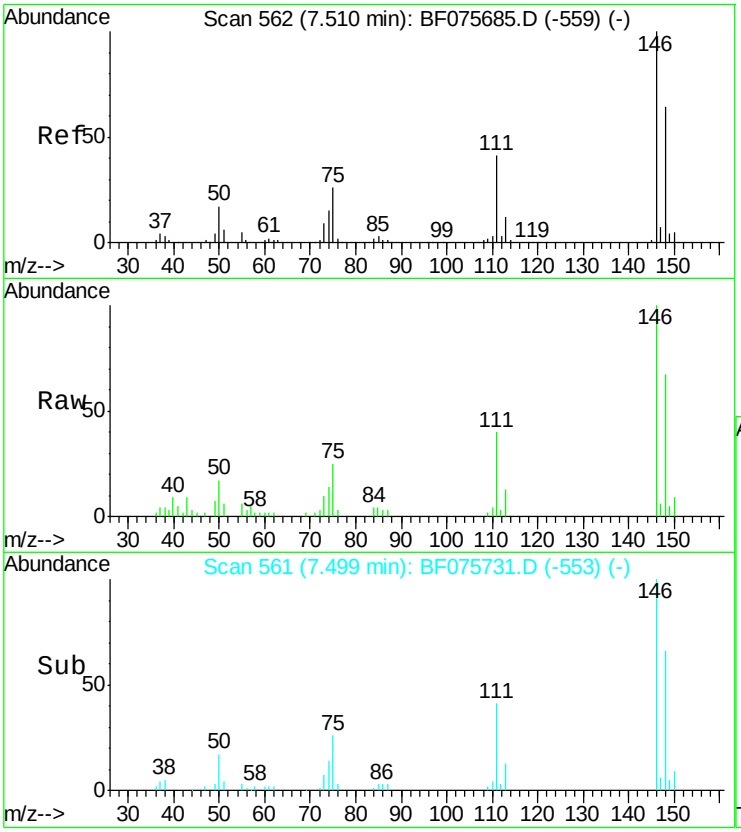


#11
bis(2-Chloroethyl)ether
Concen: 3.85 ng
RT: 7.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion: 93 Resp: 17294

Ion	Ratio	Lower	Upper
93	100		
63	86.3	79.8	119.8
95	32.2	11.2	51.2



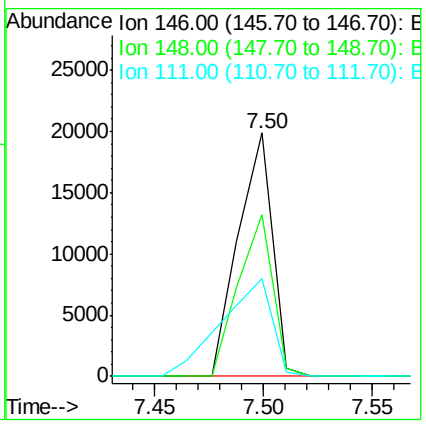


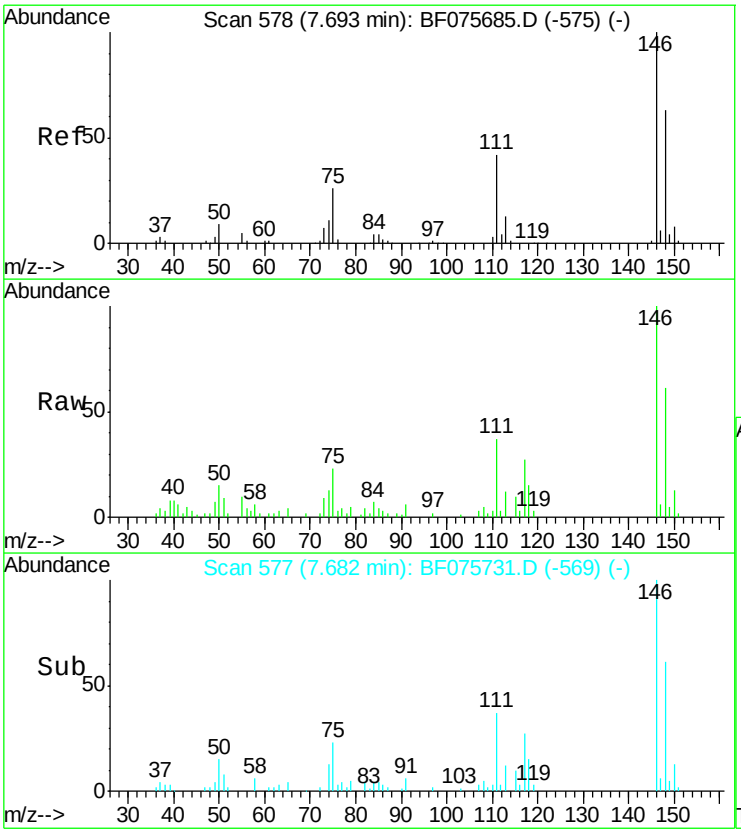
#13
1,4-Dichlorobenzene
Concen: 4.16 ng
RT: 7.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:146 Resp: 21662

Ion	Ratio	Lower	Upper
146	100		
148	66.6	49.9	74.9
111	39.9	35.8	53.6

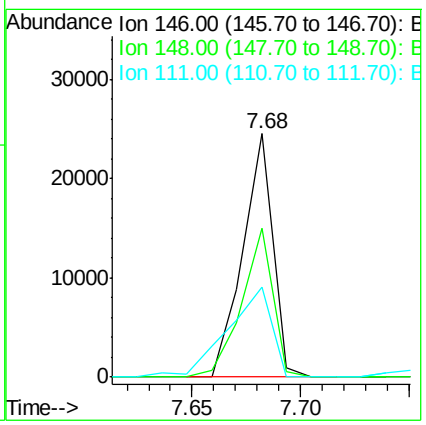


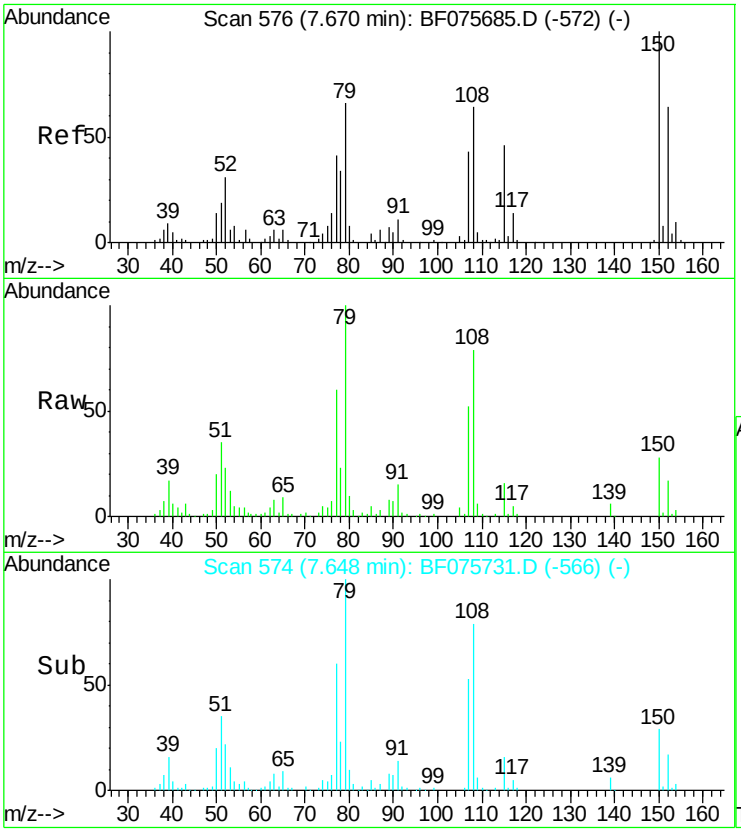


#14
1,2-Dichlorobenzene
Concen: 4.80 ng
RT: 7.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:146 Resp: 23469

Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.7	76.1
111	37.2	39.9	59.9#



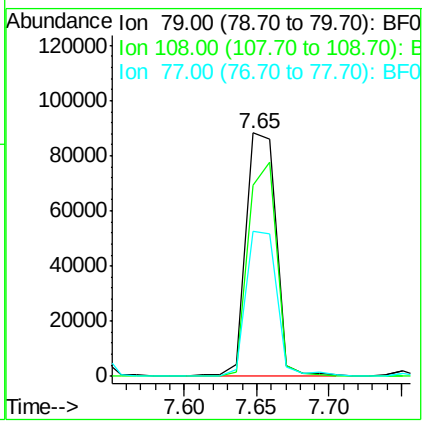


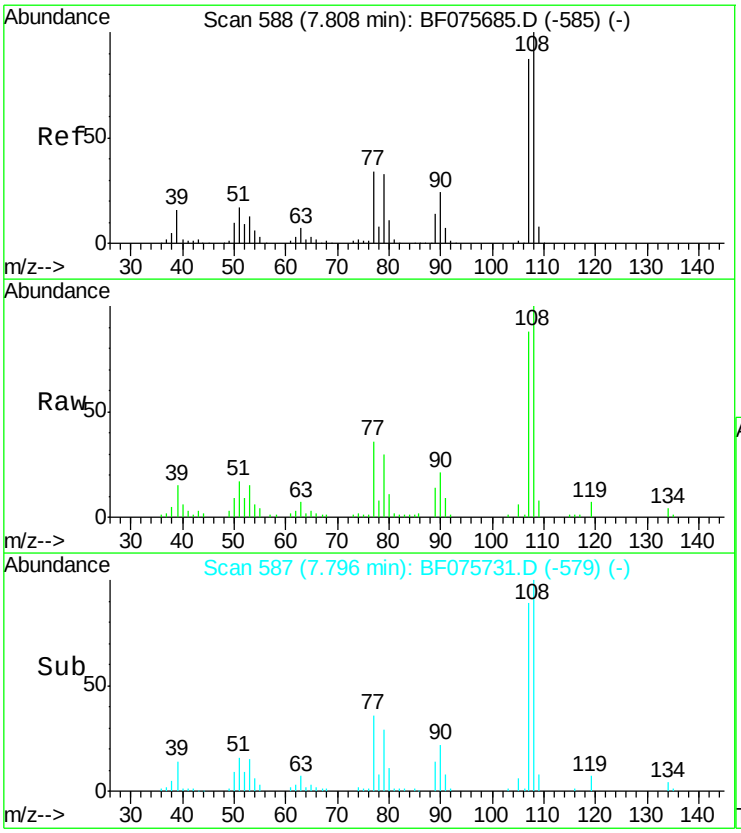
#15
Benzyl Alcohol
Concen: 35.64 ng
RT: 7.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion: 79 Resp: 127719

Ion	Ratio	Lower	Upper
79	100		
108	78.7	75.5	113.3
77	59.8	52.1	78.1

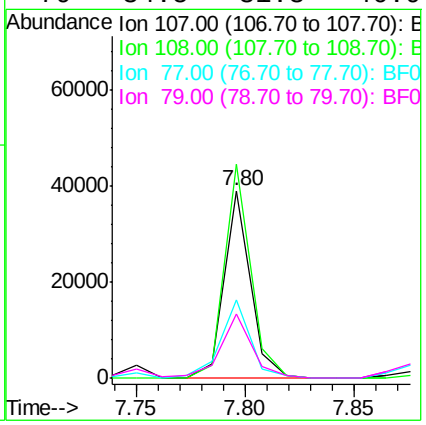


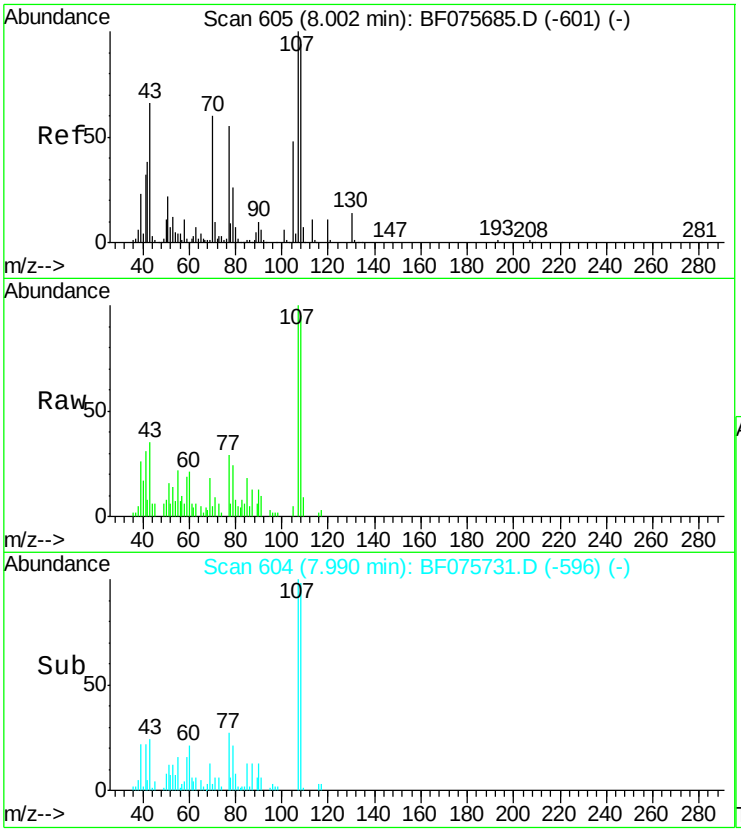


#17
2-Methylphenol
Concen: 8.36 ng
RT: 7.80 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:107 Resp: 32538

Ion	Ratio	Lower	Upper
107	100		
108	113.9	95.6	143.4
77	41.3	30.2	45.4
79	34.5	31.3	46.9



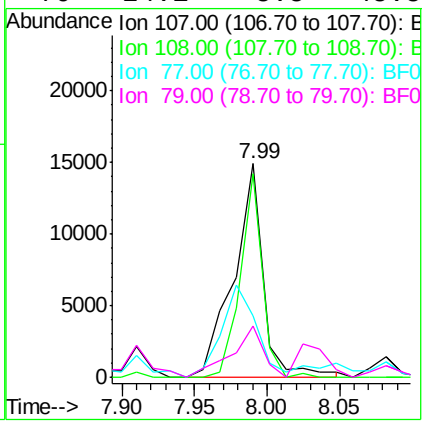


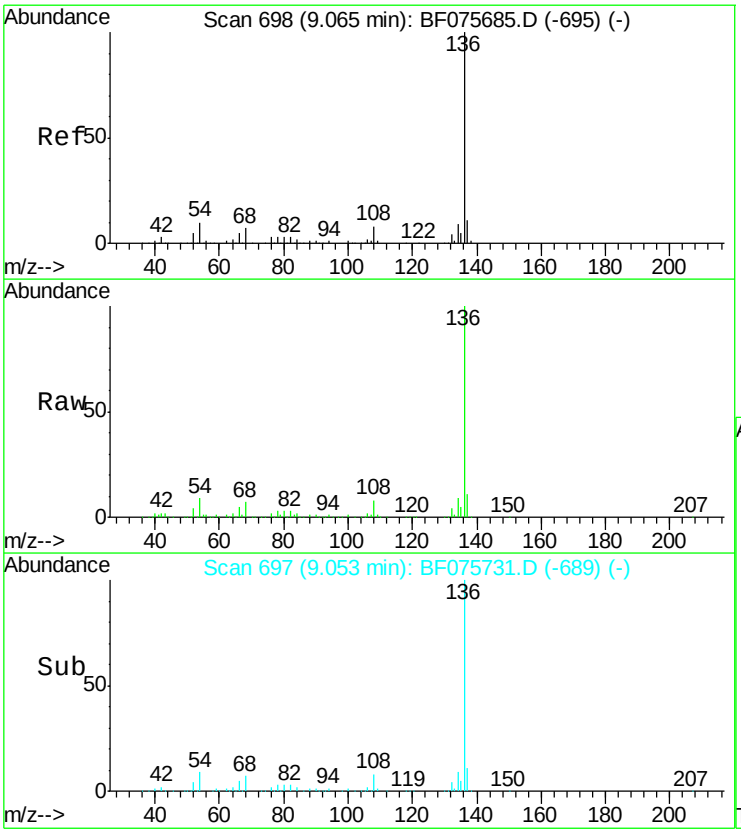
#20
3+4-Methylphenols
Concen: 4.25 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:107 Resp: 21417

Ion	Ratio	Lower	Upper
107	100		
108	95.4	69.6	109.6
77	28.6	84.4	124.4#
79	24.1	5.5	45.5

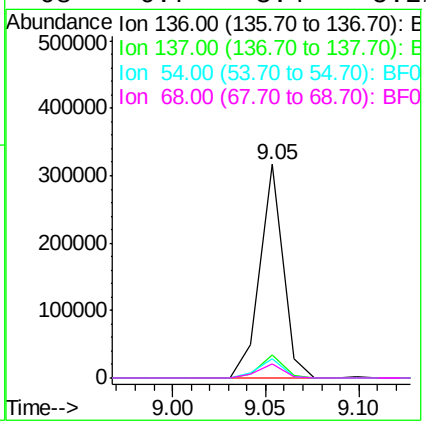


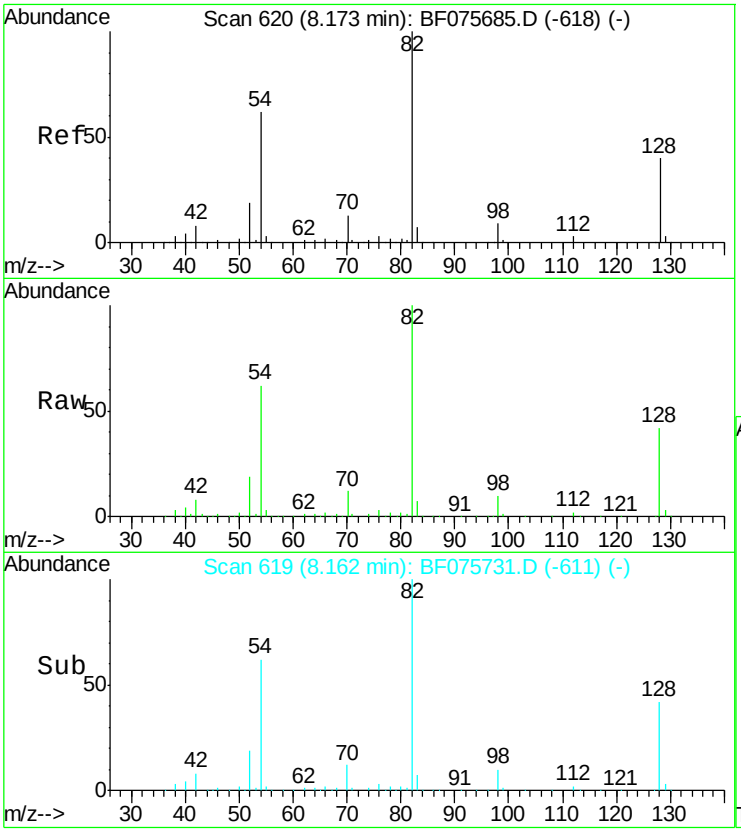


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:136 Resp: 271881

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	9.0	6.2	9.4
68	6.7	3.4	5.2#



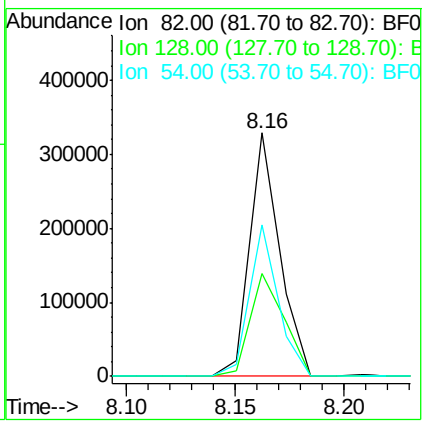


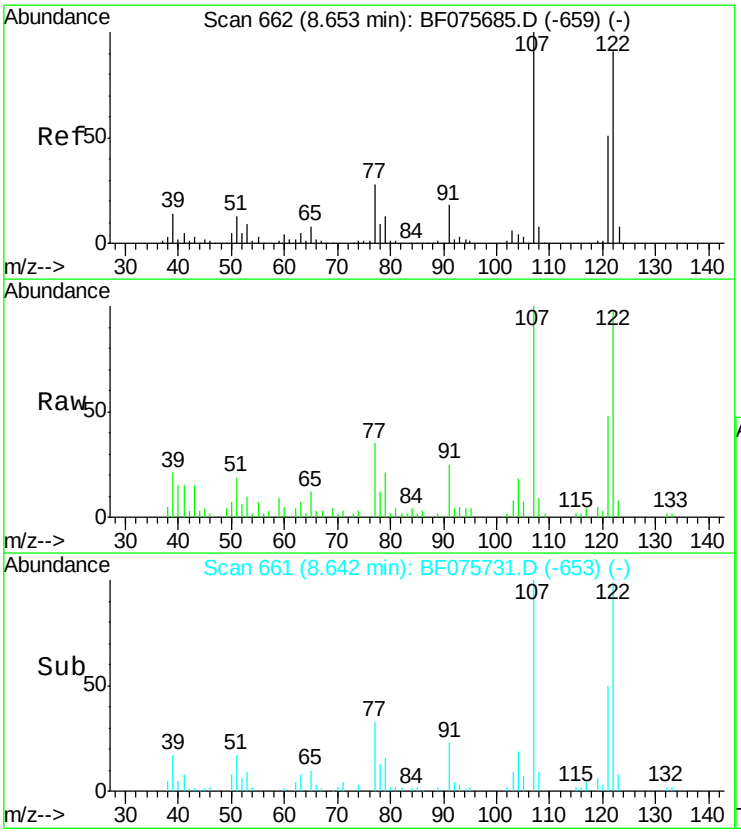
#23
Nitrobenzene-d5
Concen: 71.83 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion: 82 Resp: 318164

Ion	Ratio	Lower	Upper
82	100		
128	42.0	37.8	56.6
54	62.4	49.8	74.8

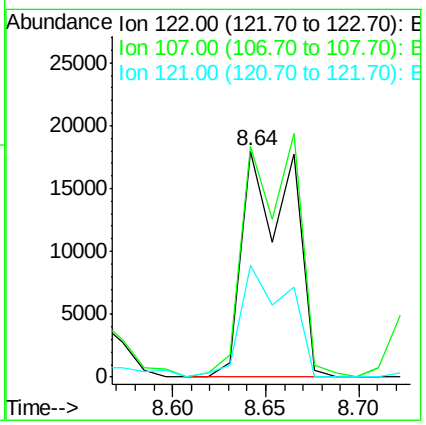


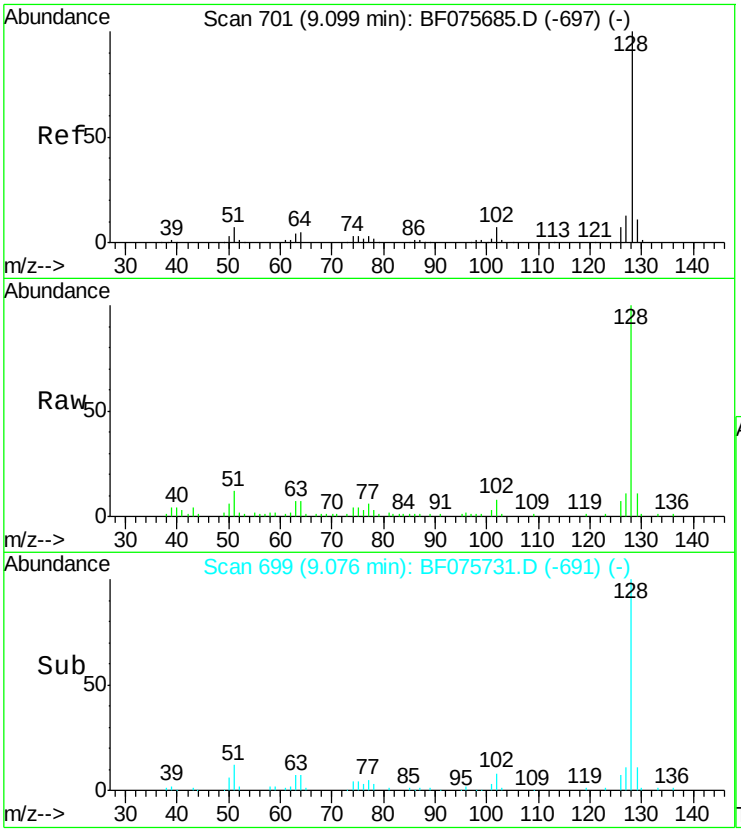


#27
2,4-Dimethylphenol
Concen: 7.87 ng
RT: 8.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:122 Resp: 32996

Ion	Ratio	Lower	Upper
122	100		
107	102.2	86.5	129.7
121	49.4	45.4	68.2



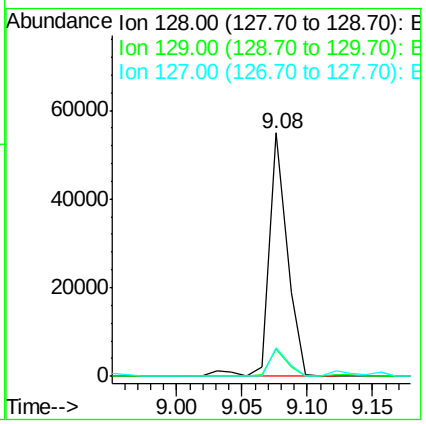


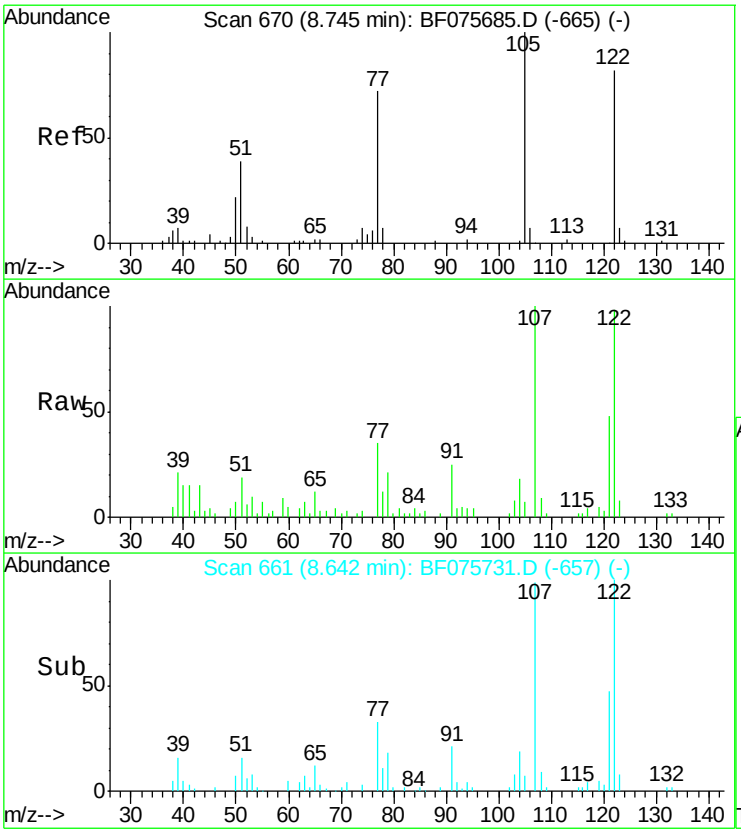
#31
Naphthalene
Concen: 3.90 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:128 Resp: 54118

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	11.5	10.2	15.4

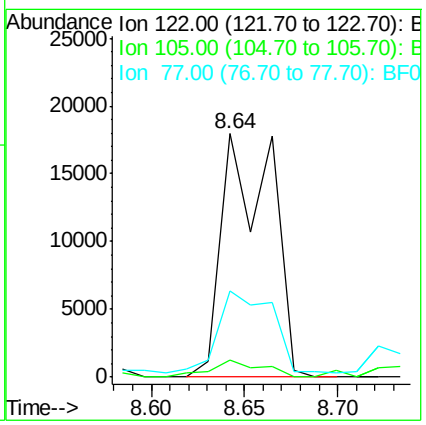


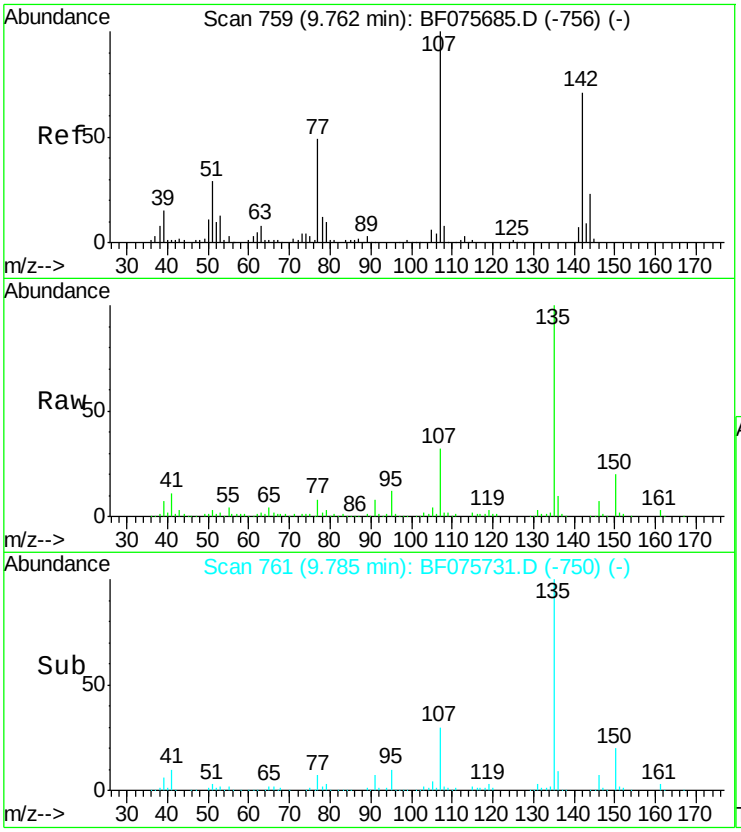


#32
Benzoic acid
Concen: 13.85 ng
RT: 8.64 min Scan# 661
Delta R.T. -0.06 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:122 Resp: 32996

Ion	Ratio	Lower	Upper
122	100		
105	6.8	95.1	135.1#
77	35.3	62.6	102.6#



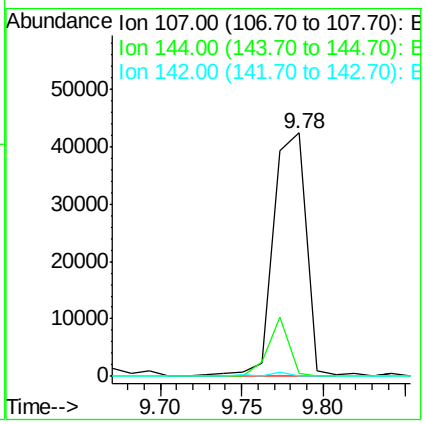


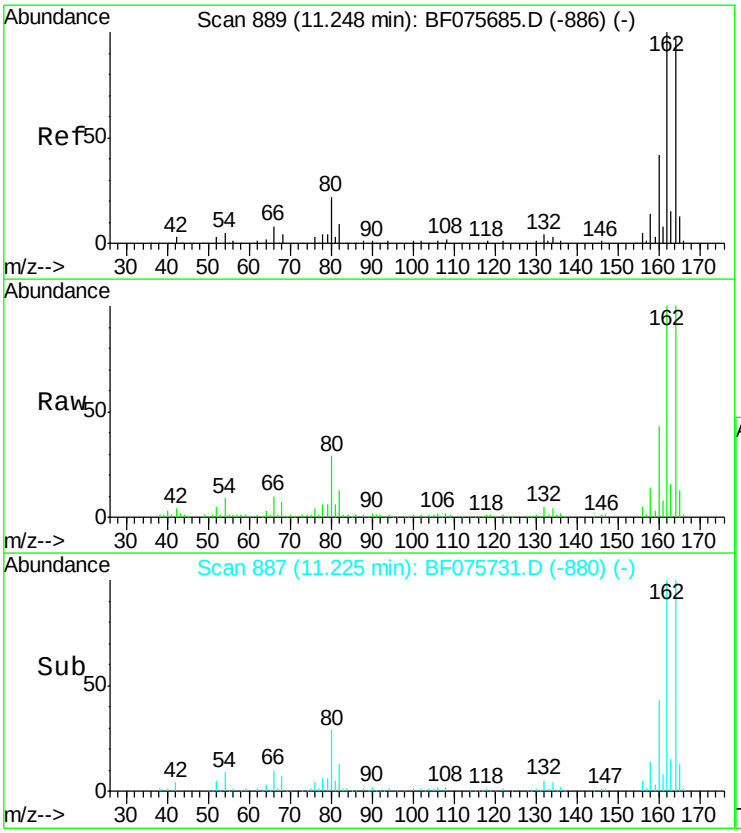
#36
4-Chloro-3-methylphenol
Concen: 14.96 ng
RT: 9.78 min Scan# 761
Delta R.T. 0.02 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:107 Resp: 59598

Ion	Ratio	Lower	Upper
107	100		
144	1.1	19.1	28.7#
142	0.0	62.9	94.3#

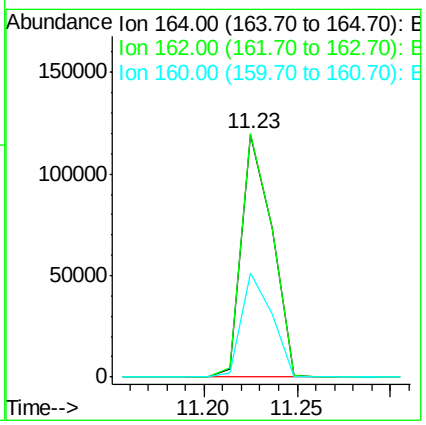


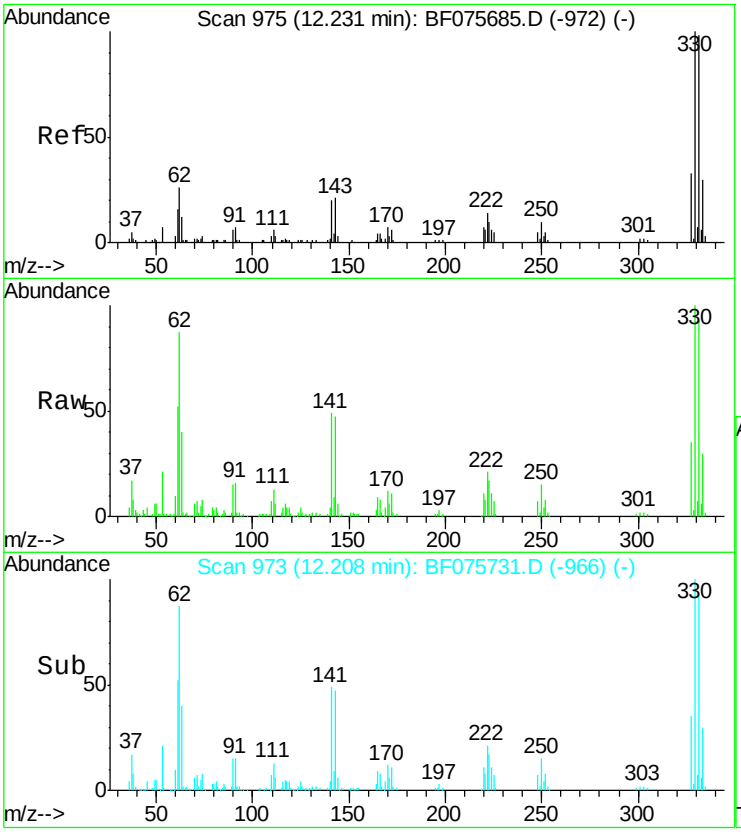


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:164 Resp: 135527

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.1	118.7
160	42.7	34.6	51.8



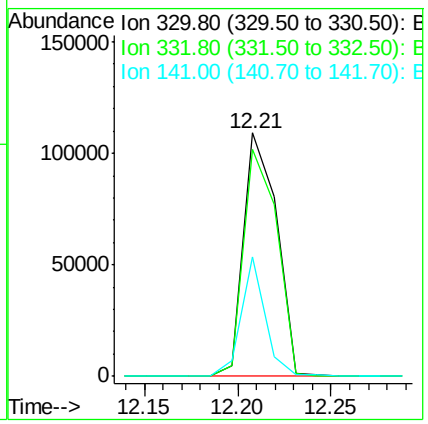


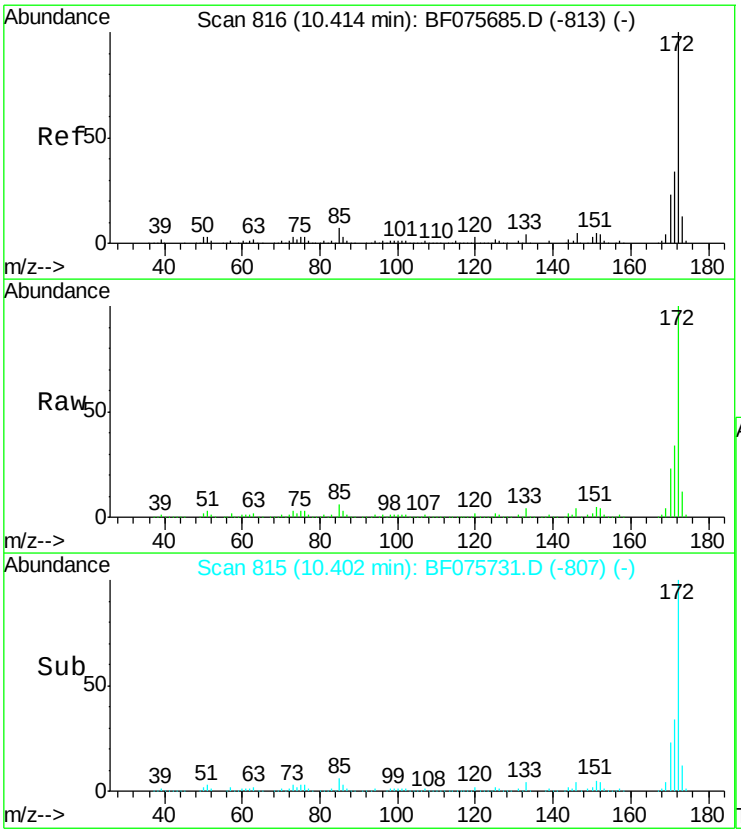
#41
2,4,6-Tribromophenol
Concen: 122.01 ng
RT: 12.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:330 Resp: 134812

Ion	Ratio	Lower	Upper
330	100		
332	94.4	74.5	111.7
141	36.2	30.7	46.1

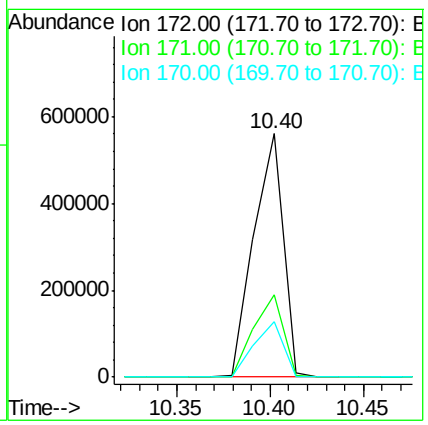


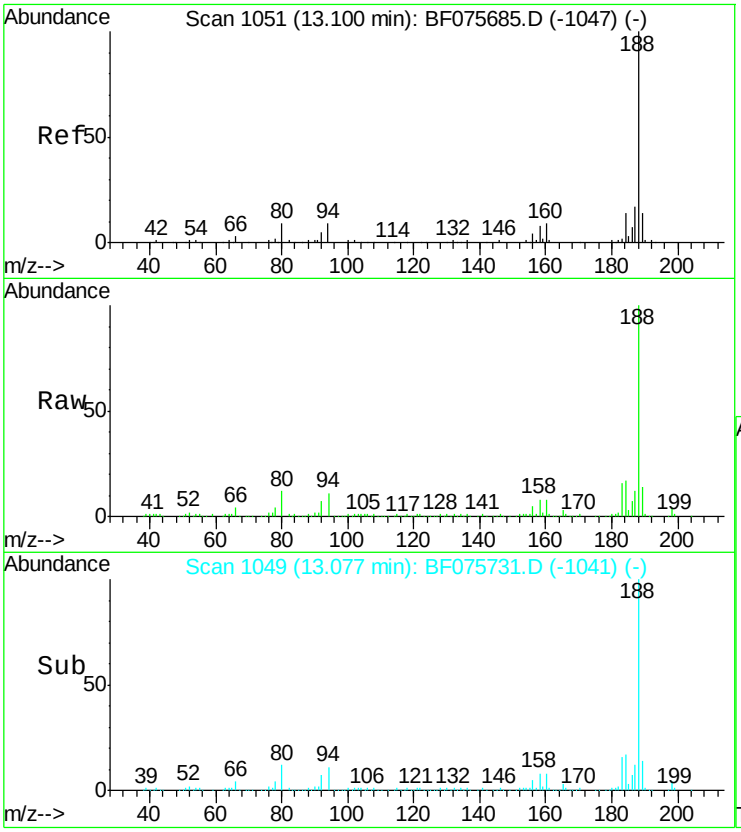


#44
2-Fluorobiphenyl
Concen: 70.56 ng
RT: 10.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:172 Resp: 610834

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.3	40.9
170	22.6	18.4	27.6



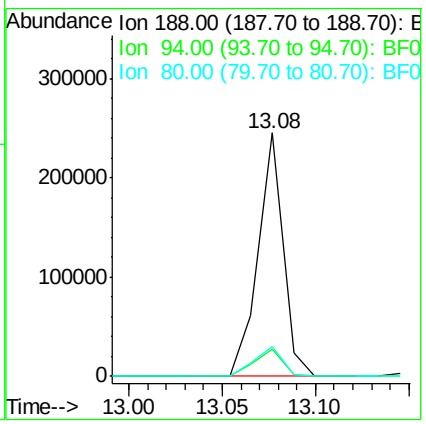


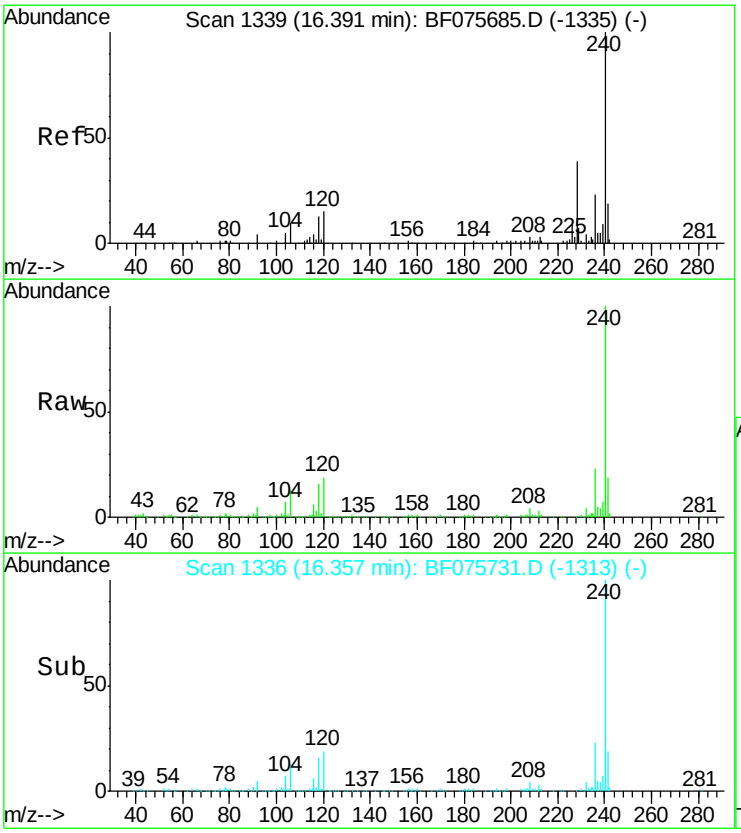
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:188 Resp: 226960

Ion	Ratio	Lower	Upper
188	100		
94	11.1	7.8	11.6
80	12.1	8.0	12.0#

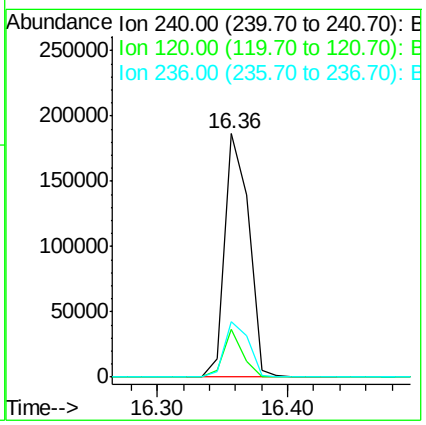


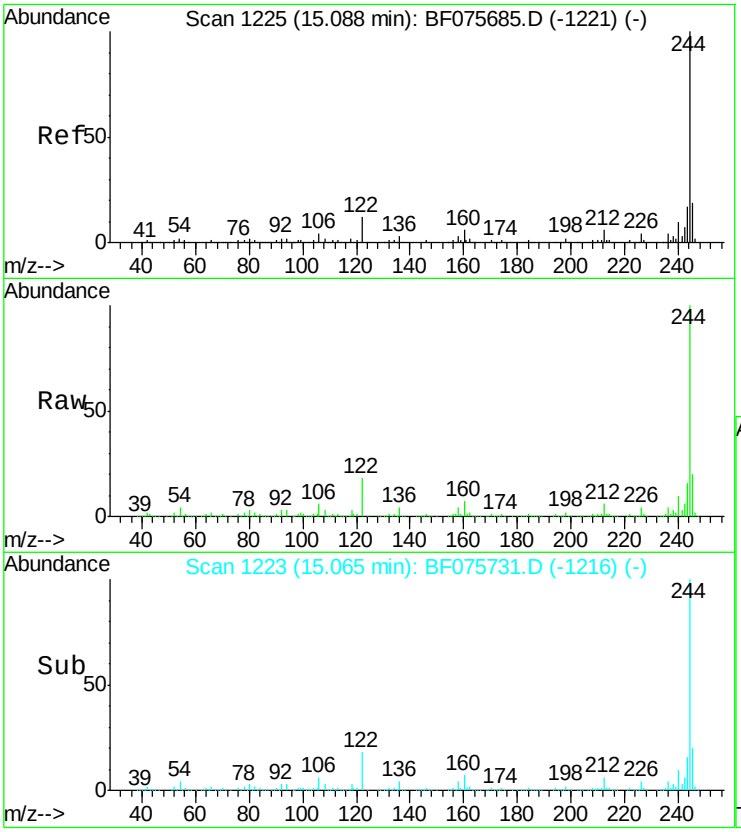


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.36 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:240 Resp: 239177

Ion	Ratio	Lower	Upper
240	100		
120	19.4	9.6	14.4#
236	23.0	18.9	28.3



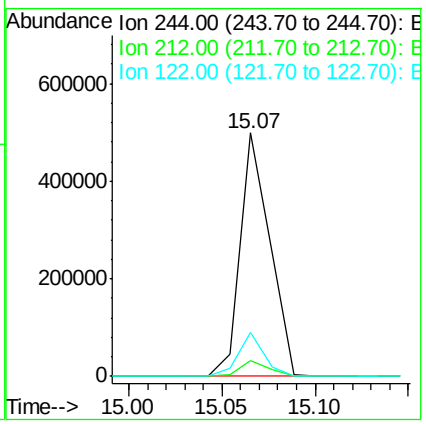


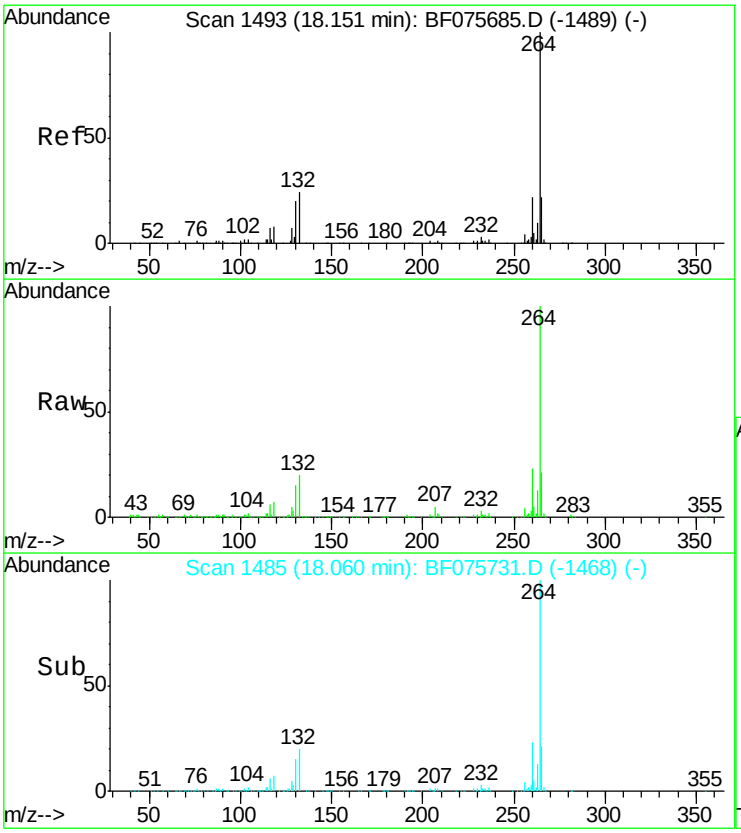
#78
Terphenyl-d14
Concen: 57.60 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Instrument :
BNA_F
ClientSampleId :
SP-1B

Tgt Ion:244 Resp: 550775

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	17.9	9.7	14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.06 min Scan# 1485
Delta R.T. -0.10 min
Lab File: BF075731.D
Acq: 21 Nov 2014 3:12

Tgt Ion:264 Resp: 241864

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	21.2	16.3	24.5