Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Time: Nov 24 04:38:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	184421	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	645969	20.00	ng		-0.01
38) Acenaphthene-d10	9.68	164	317776	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	464543	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	410729	20.00	ng		-0.02
86) Perylene-d12	15.15	264	304271	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1384336	113.49	ng		-0.02
7) Phenol-d6	6.33	99	1771530	112.24	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1333352	94.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	167745	51.60	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	1806599	79.28	ng		-0.01
78) Terphenyl-d14	12.74	244	1111863	63.75	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.78	42	36382	4.94	ng	#	1
6) Aniline	6.34	93	43488	2.25	ng	#	1
9) Benzaldehyde	6.23	77	245027	28.47	ng	#	1
10) Phenol	6.34	94	90953	4.76	ng	#	2
15) Benzyl Alcohol	6.82	79	105979	8.04	ng	#	49
18) Hexachloroethane	7.14	117	21139	3.94	ng	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	460921	41.96	ng	#	69
22) Acetophenone	7.06	105	292679	15.78	ng	#	64
24) Nitrobenzene	7.21	77	190301	12.60	ng	#	43
25) Isophorone	7.56	82	758371	28.33	ng	#	67
26) 2-Nitrophenol	7.59	139	20400	3.06	ng	#	1
27) 2,4-Dimethylphenol	7.60	122	40028	3.76	ng	#	34
31) Naphthalene	7.95	128	195261	5.60	ng	#	94
36) 4-Chloro-3-methylphenol	8.59	107	30260	2.58	ng	#	27
37) 2-Methylnaphthalene	8.65	142	53760	2.38	ng		98
49) Dimethylphthalate	9.42	163	671709	27.46	ng		98
62) Azobenzene	10.41	77	83307	3.00	ng	#	1
70) Phenanthrene	11.18	178	126616	4.73	ng	#	95
74) Fluoranthene	12.36	202	118168	4.31	ng		98
77) Pyrene	12.59	202	108210	3.86	ng		97
82) Chrysene	13.81	228	57743	2.45	ng	#	90
88) Benzo(k)fluoranthene	14.78	252	35568	2.30	ng	#	68

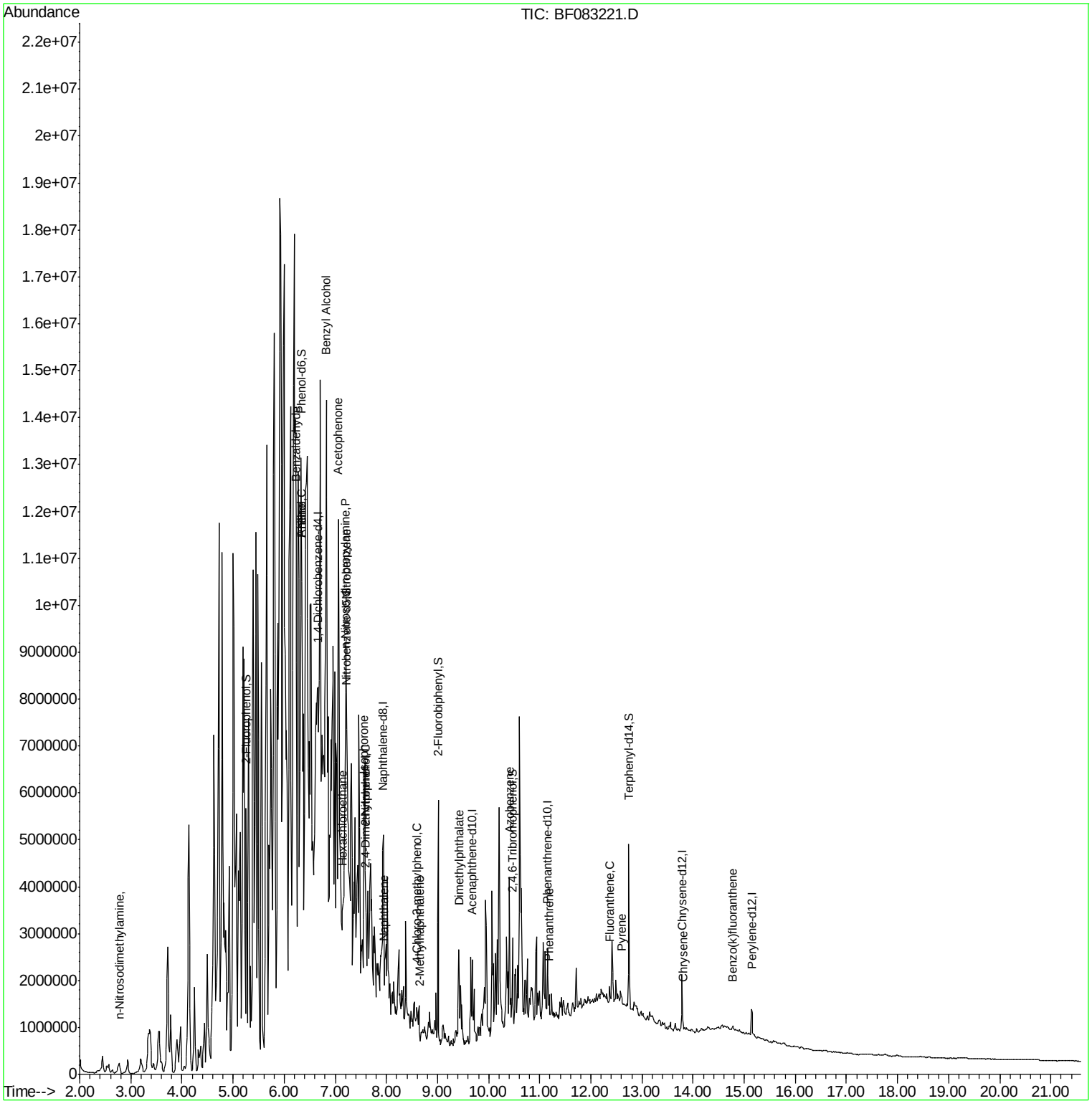
(#) = qualifier out of range (m) = manual integration (+) = signals summed

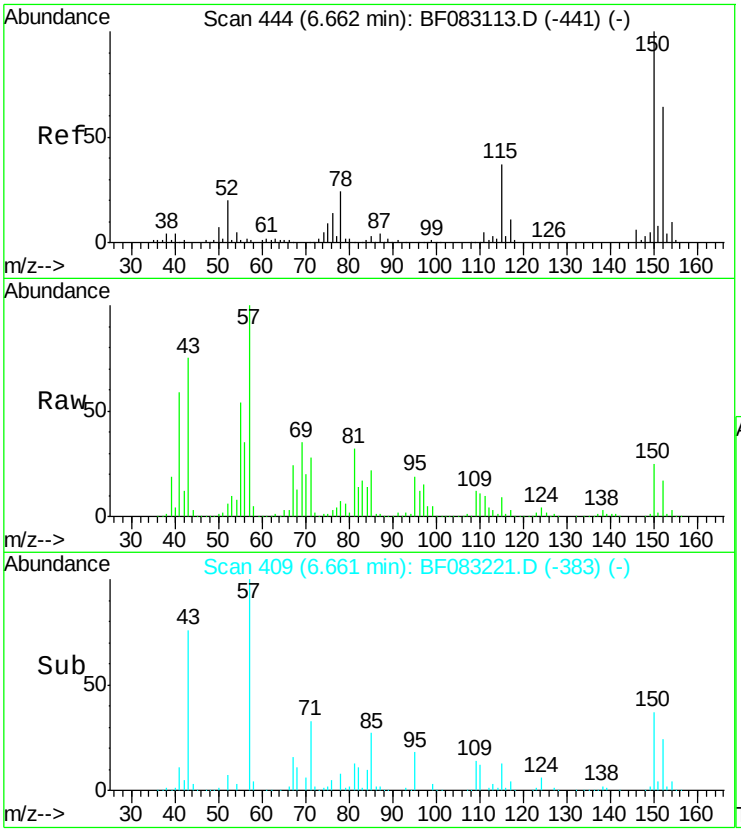
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

Quant Time: Nov 24 04:38:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



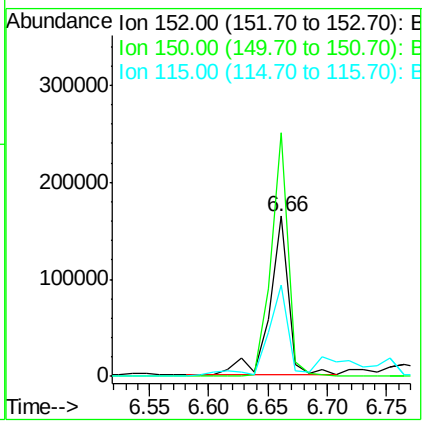


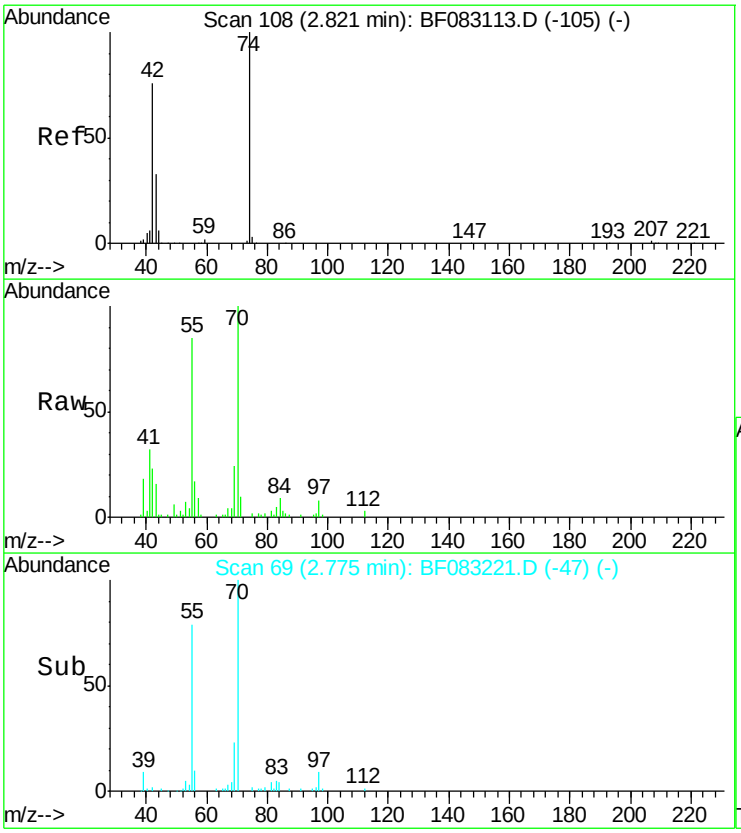
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 184421

Ion	Ratio	Lower	Upper
152	100		
150	152.2	125.8	188.8
115	56.8	46.9	70.3

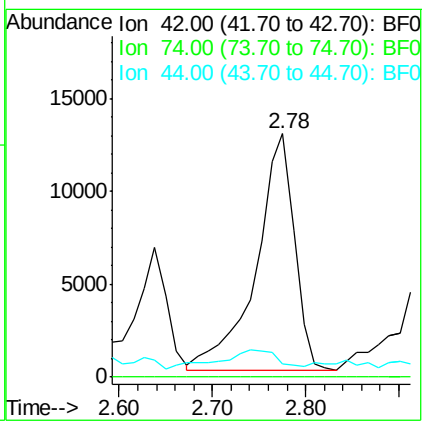


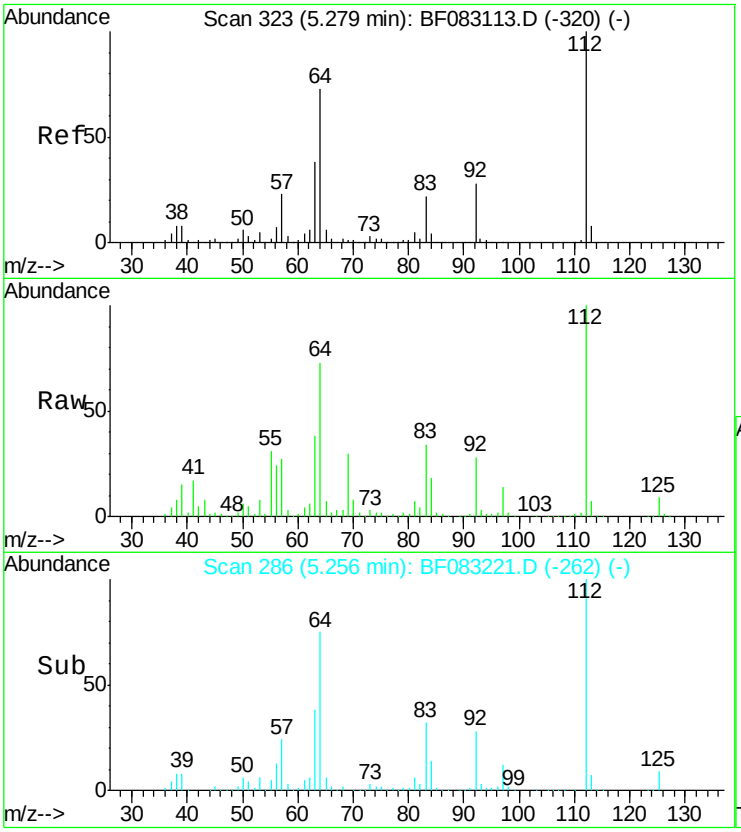


#4
n-Nitrosodimethylamine
Concen: 4.94 ng
RT: 2.78 min Scan# 69
Delta R.T. -0.05 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion: 42 Resp: 36382

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.8	157.2#
44	5.5	6.2	9.4#



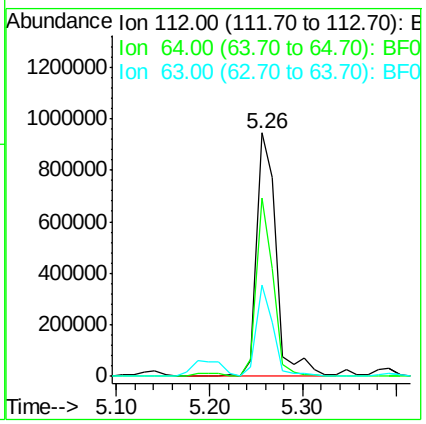


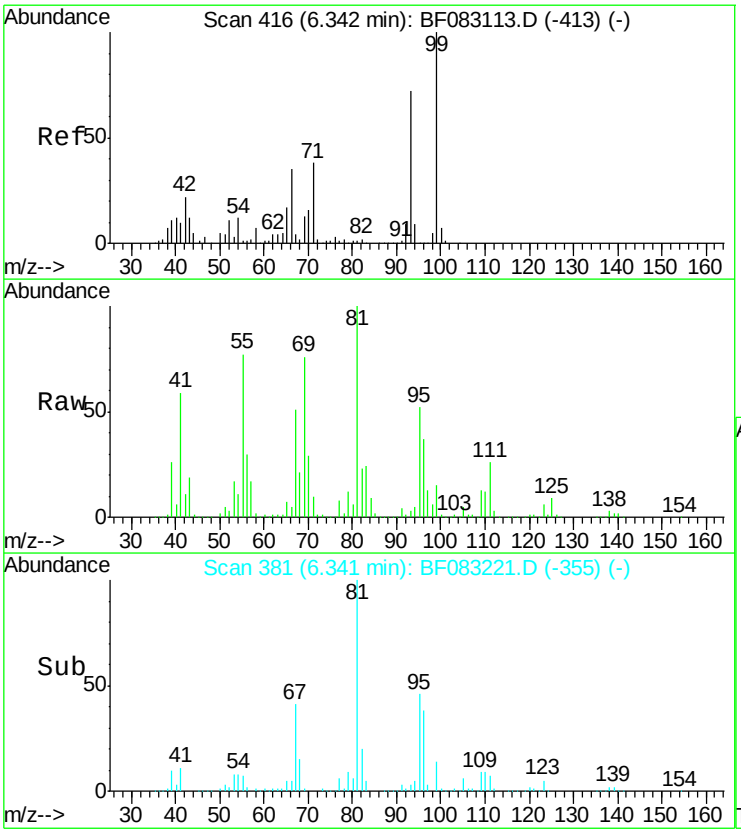
#5
2-Fluorophenol
Concen: 113.49 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:112 Resp: 1384336

Ion	Ratio	Lower	Upper
112	100		
64	73.0	58.4	87.6
63	37.6	30.0	45.0

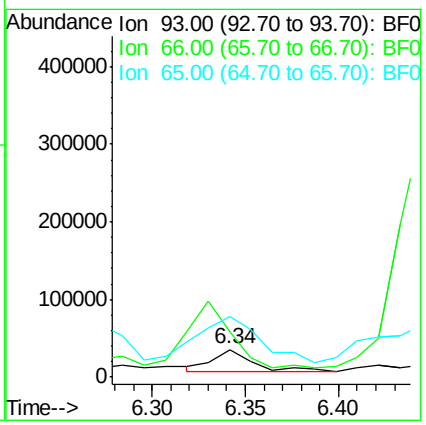


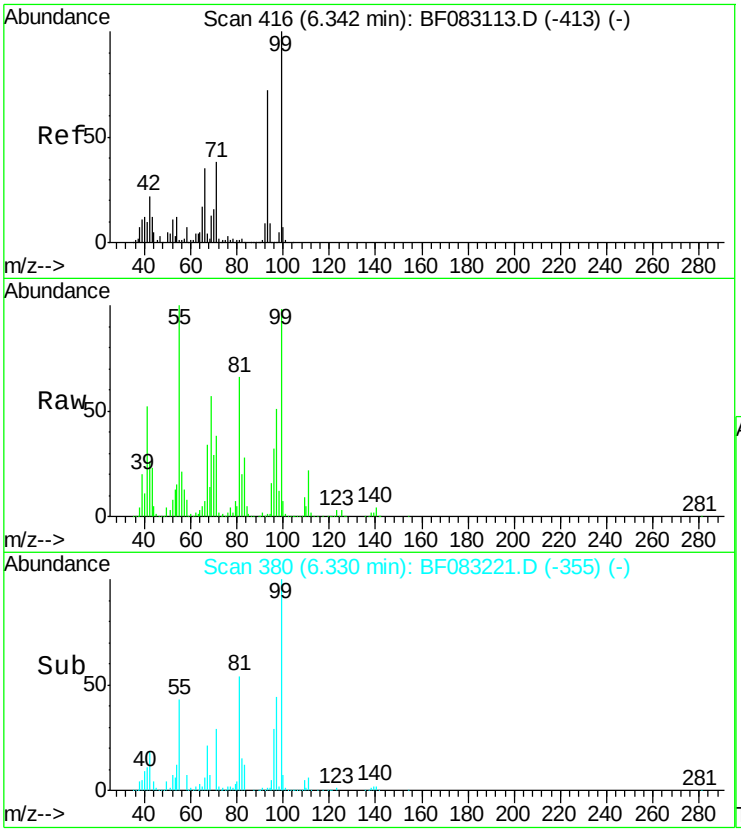


#6
Aniline
Concen: 2.25 ng
RT: 6.34 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion: 93 Resp: 43488

Ion	Ratio	Lower	Upper
93	100		
66	163.5	38.7	58.1#
65	220.3	18.6	27.8#



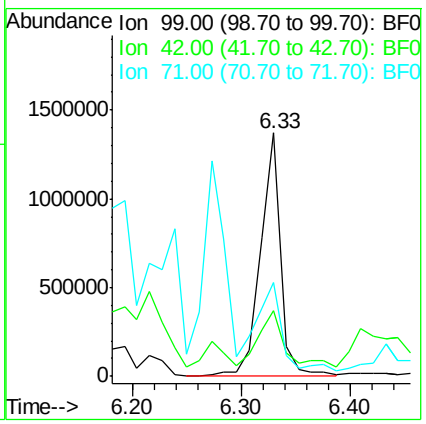


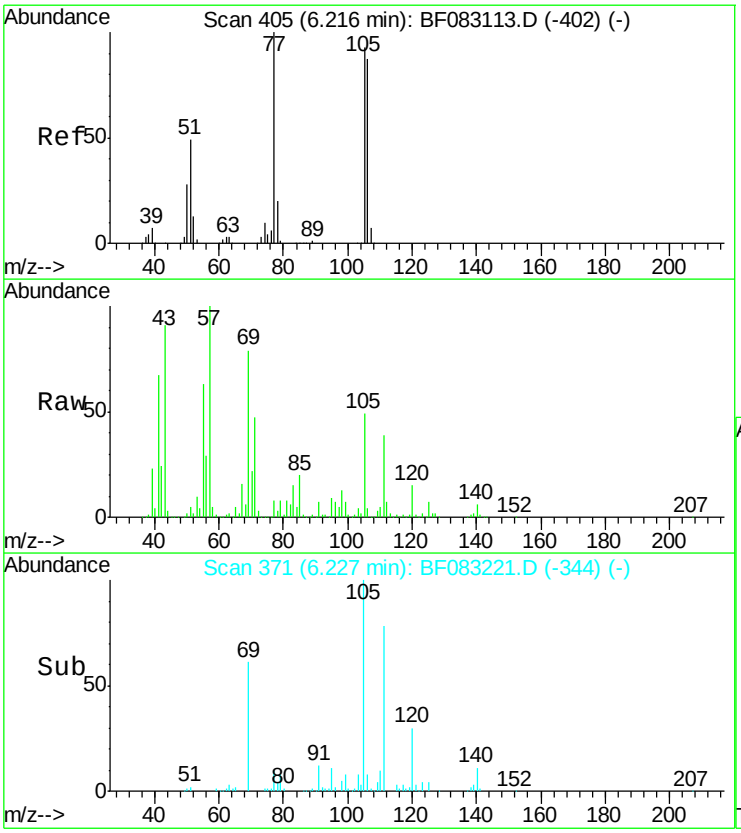
#7
Phenol-d6
Concen: 112.24 ng
RT: 6.33 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 99 Resp: 1771530

Ion	Ratio	Lower	Upper
99	100		
42	27.1	17.7	26.5#
71	38.5	30.2	45.4

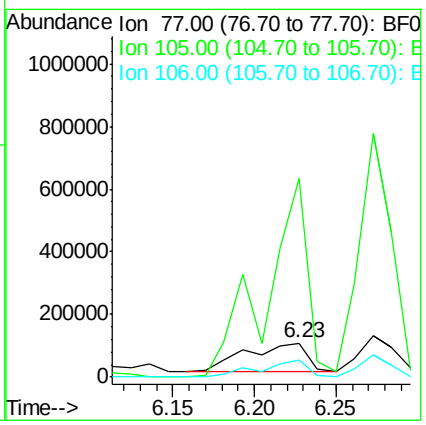


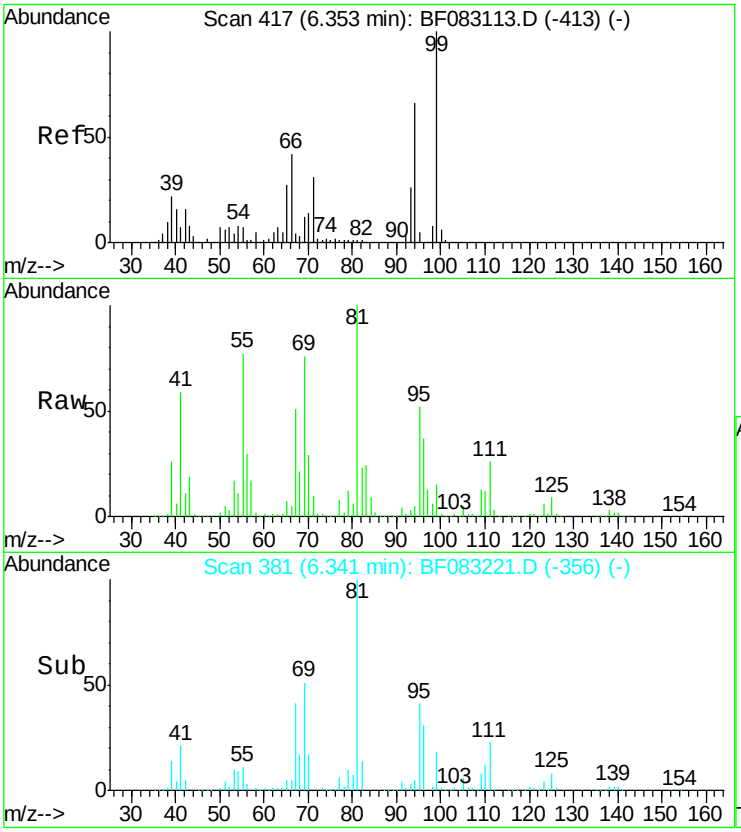


#9
Benzaldehyde
Concen: 28.47 ng
RT: 6.23 min Scan# 371
Delta R.T. 0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion: 77 Resp: 245027

Ion	Ratio	Lower	Upper
77	100		
105	586.0	73.4	113.4#
106	48.9	67.5	107.5#



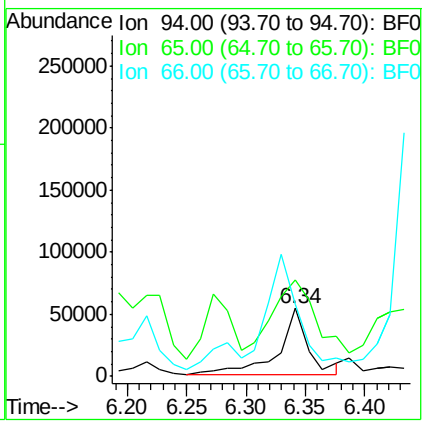


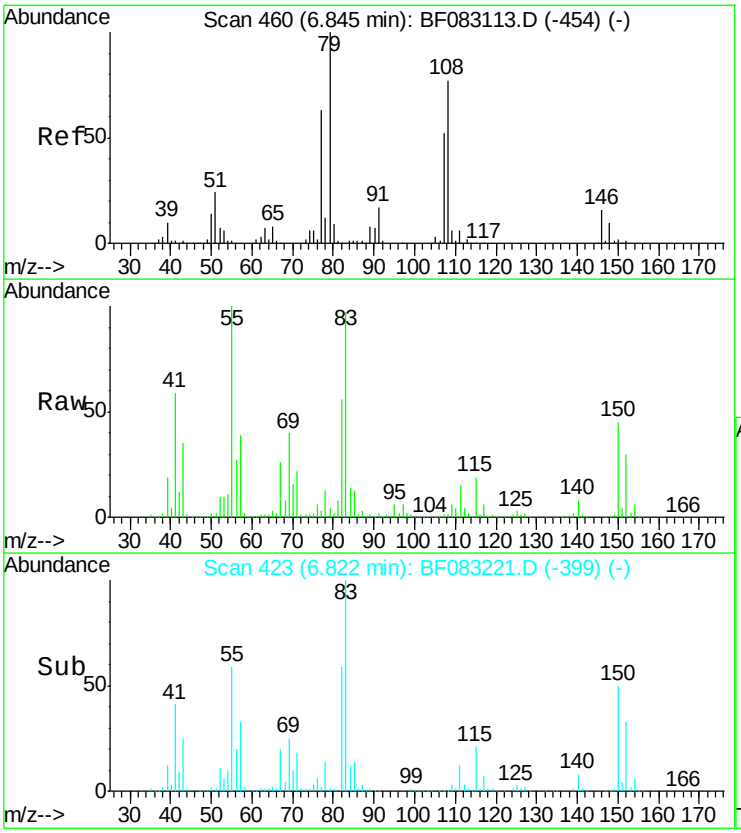
#10
Phenol
Concen: 4.76 ng
RT: 6.34 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 94 Resp: 90953

Ion	Ratio	Lower	Upper
94	100		
65	142.8	21.1	61.1#
66	106.0	43.1	83.1#

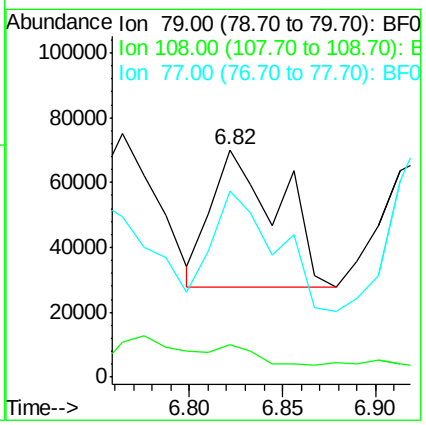


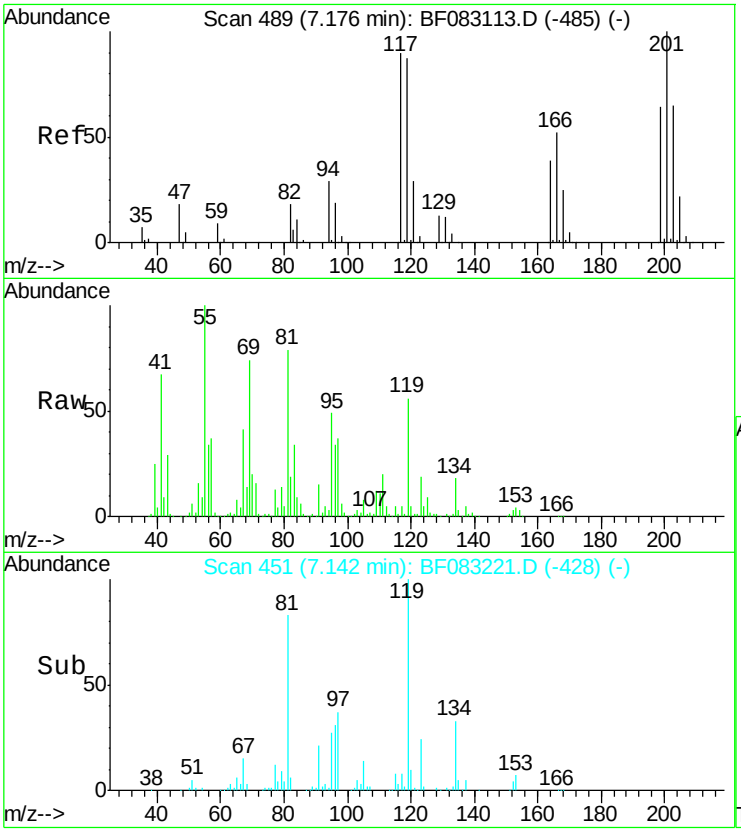


#15
Benzyl Alcohol
Concen: 8.04 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion: 79 Resp: 105979

Ion	Ratio	Lower	Upper
79	100		
108	14.3	61.4	92.2#
77	82.2	50.5	75.7#



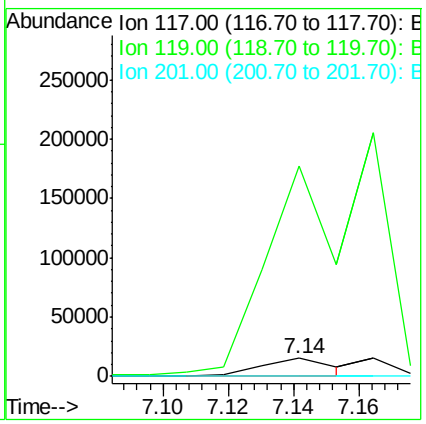


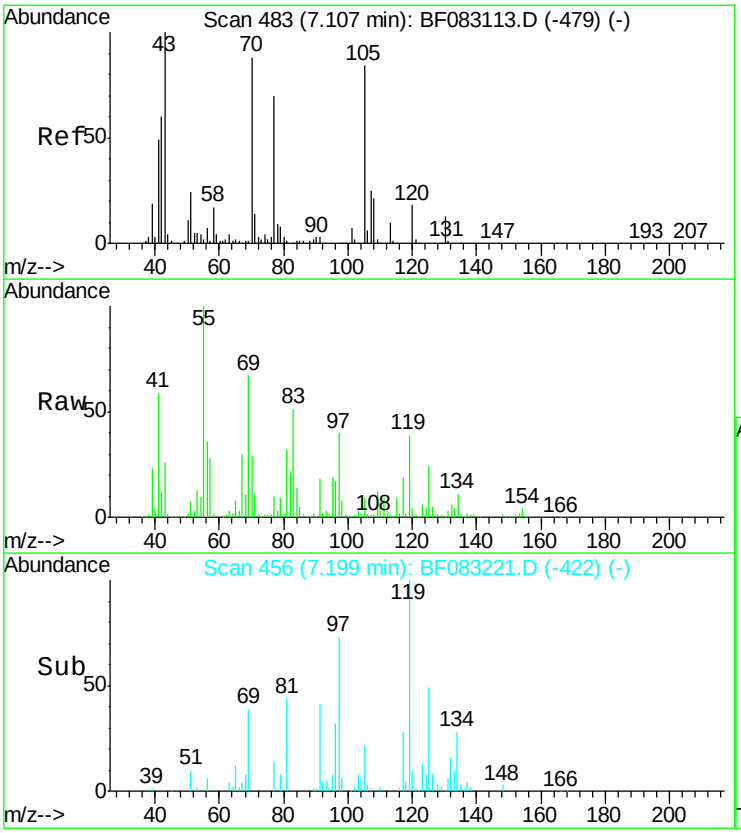
#18
Hexachloroethane
Concen: 3.94 ng
RT: 7.14 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 21139

Ion	Ratio	Lower	Upper
117	100		
119	1176.4	76.8	115.2#
201	0.0	88.6	133.0#

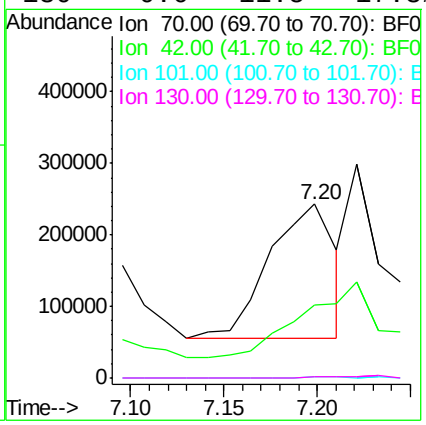


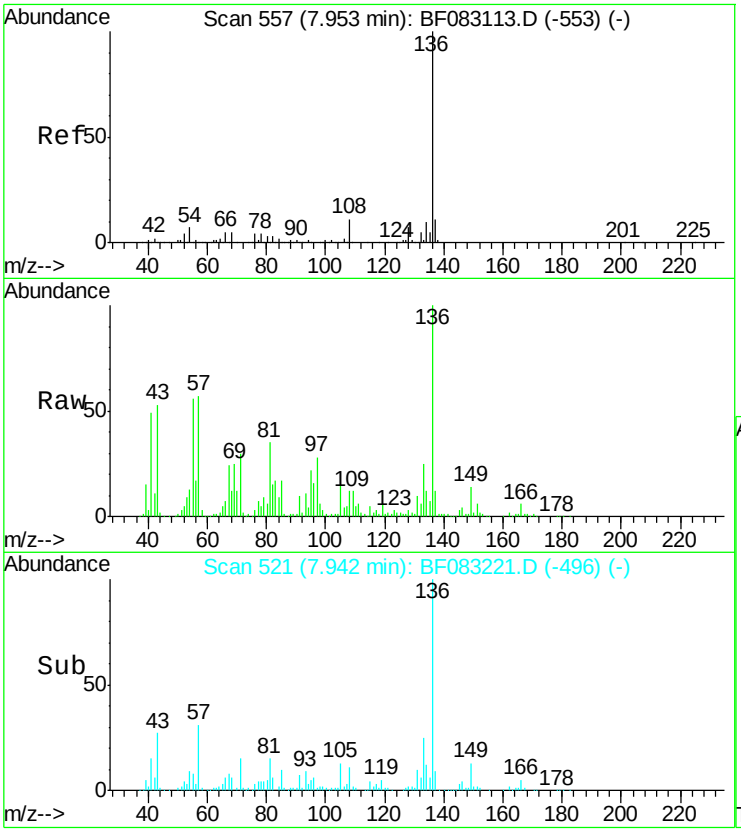


#19
n-Nitroso-di-n-propylamine
Concen: 41.96 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.09 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion: 70 Resp: 460921

Ion	Ratio	Lower	Upper
70	100		
42	42.0	54.5	81.7#
101	0.7	6.6	9.8#
130	0.6	11.5	17.3#



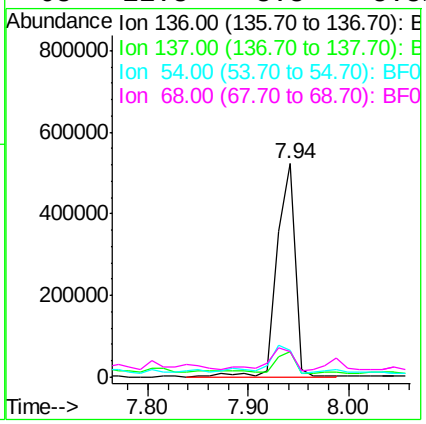


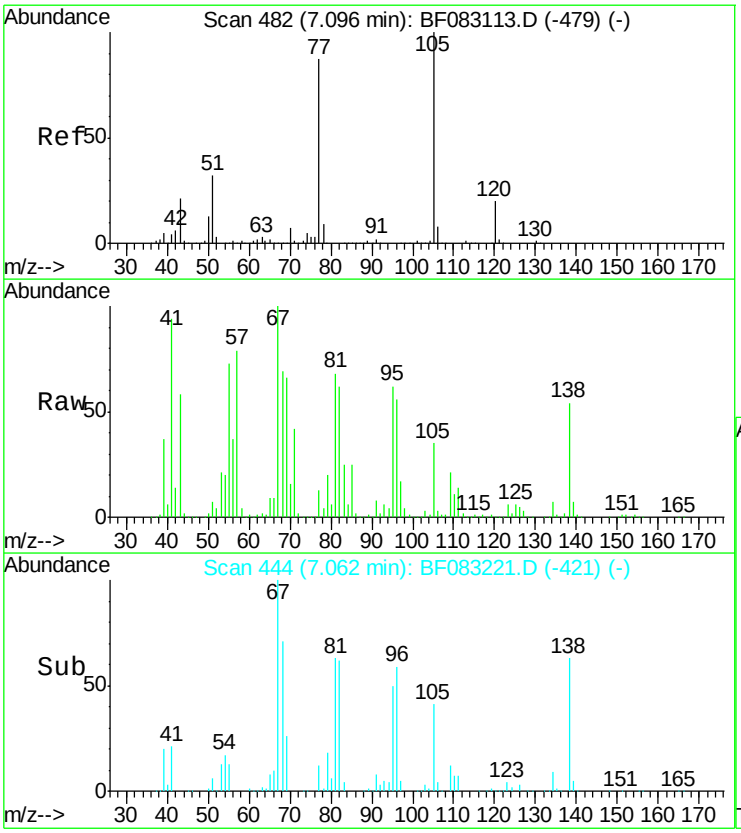
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:136 Resp: 645969

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	12.8	5.8	8.6#
68	11.8	3.8	5.8#

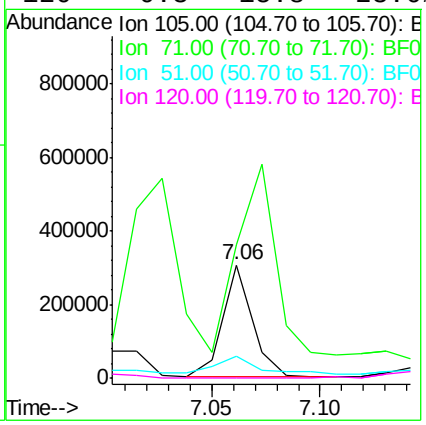


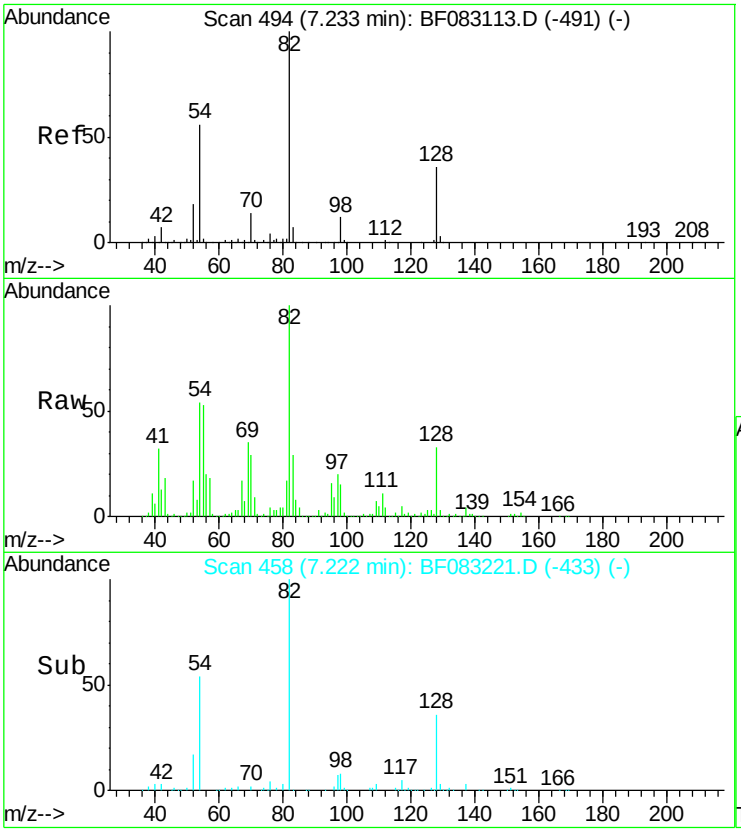


#22
Acetophenone
Concen: 15.78 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:105 Resp: 292679

Ion	Ratio	Lower	Upper
105	100		
71	118.6	1.0	1.4#
51	19.5	25.6	38.4#
120	0.3	15.8	23.6#



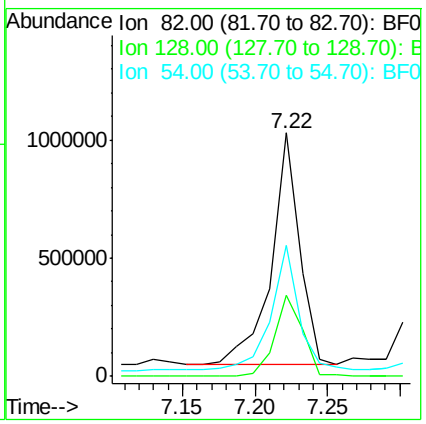


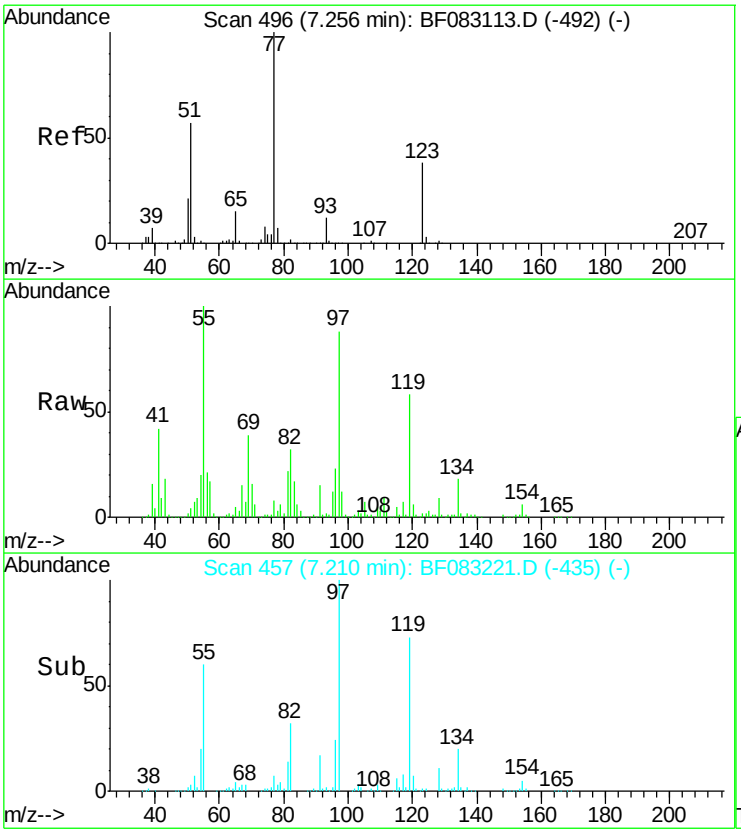
#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 82 Resp: 1333352

Ion	Ratio	Lower	Upper
82	100		
128	33.4	28.5	42.7
54	54.0	44.6	67.0

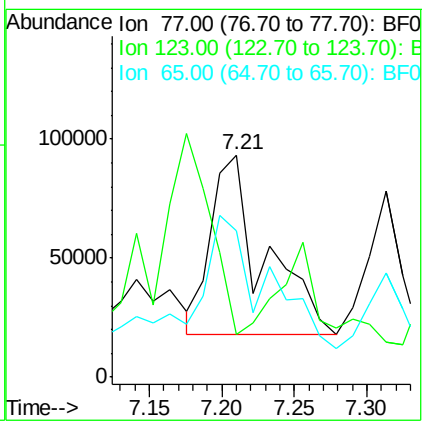


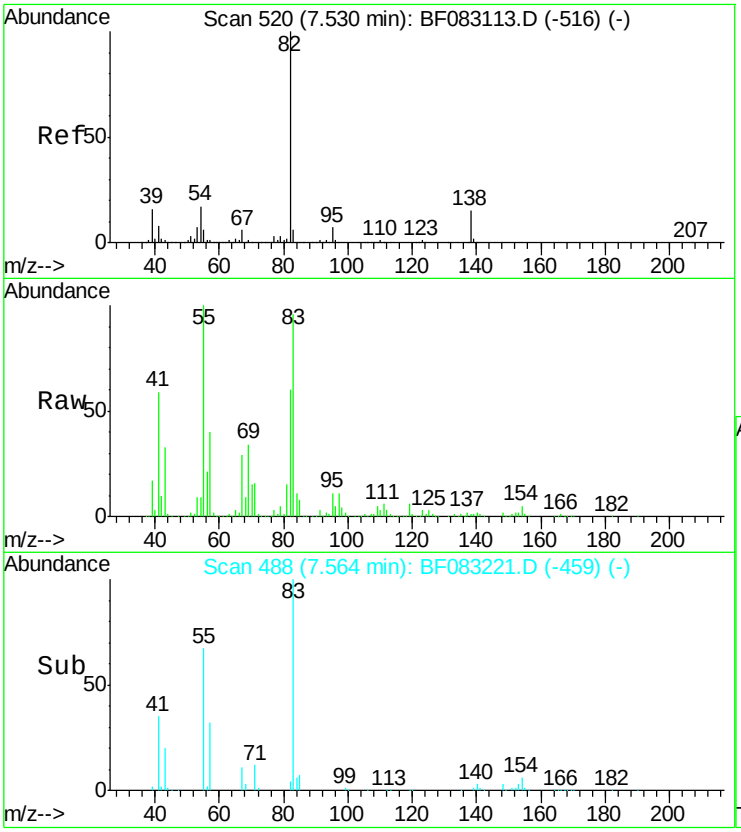


#24
Nitrobenzene
Concen: 12.60 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.05 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion: 77 Resp: 190301

Ion	Ratio	Lower	Upper
77	100		
123	19.0	30.1	45.1#
65	66.1	11.6	17.4#



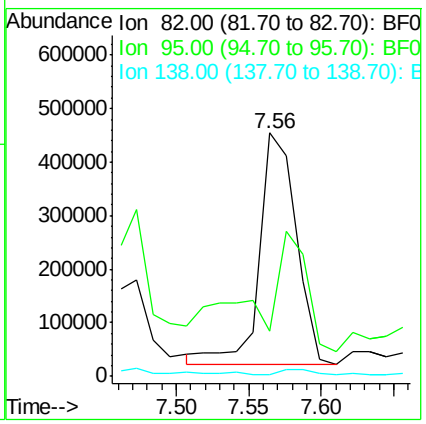


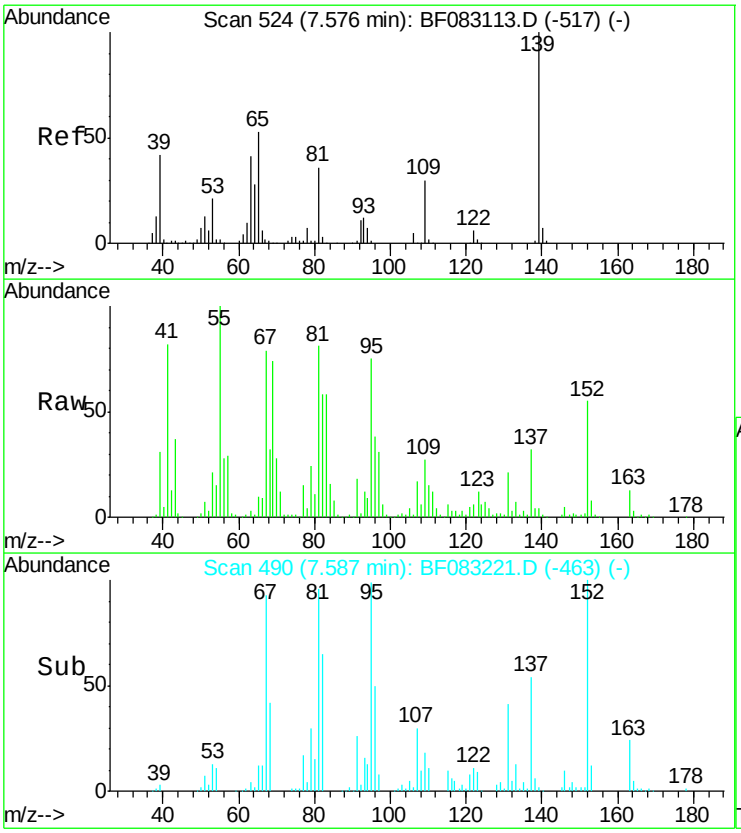
#25
Isophorone
Concen: 28.33 ng
RT: 7.56 min Scan# 488
Delta R.T. 0.03 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 82 Resp: 758371

Ion	Ratio	Lower	Upper
82	100		
95	18.7	5.8	8.8#
138	0.9	11.6	17.4#

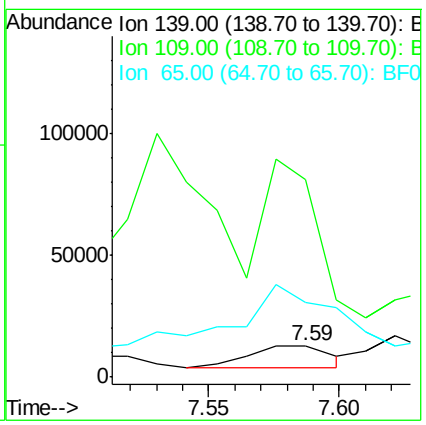


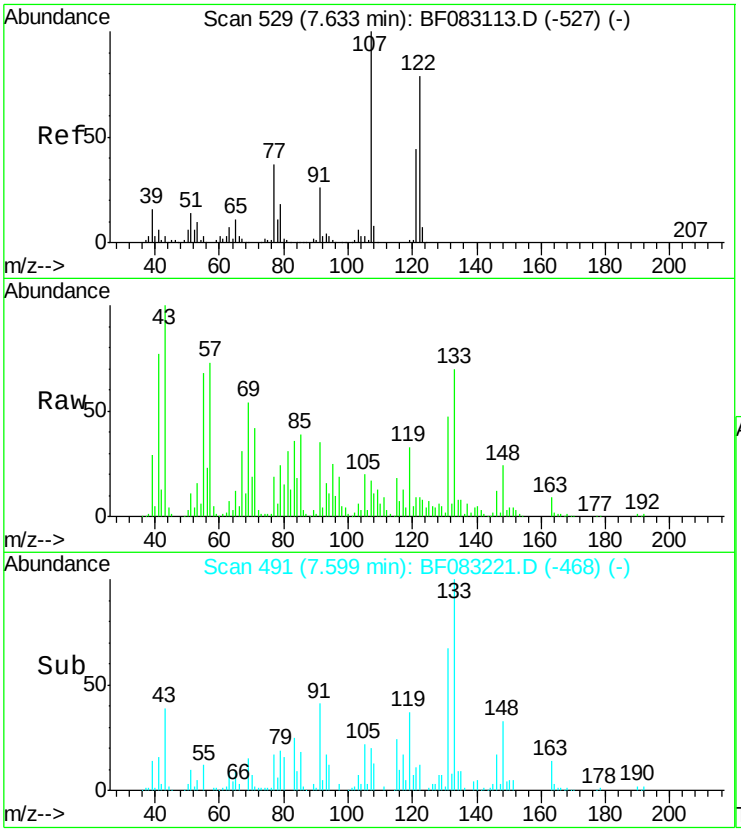


#26
2-Nitrophenol
Concen: 3.06 ng
RT: 7.59 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:139 Resp: 20400

Ion	Ratio	Lower	Upper
139	100		
109	632.6	23.9	35.9#
65	239.0	42.7	64.1#



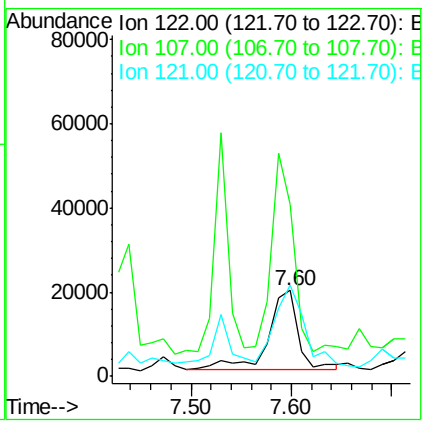


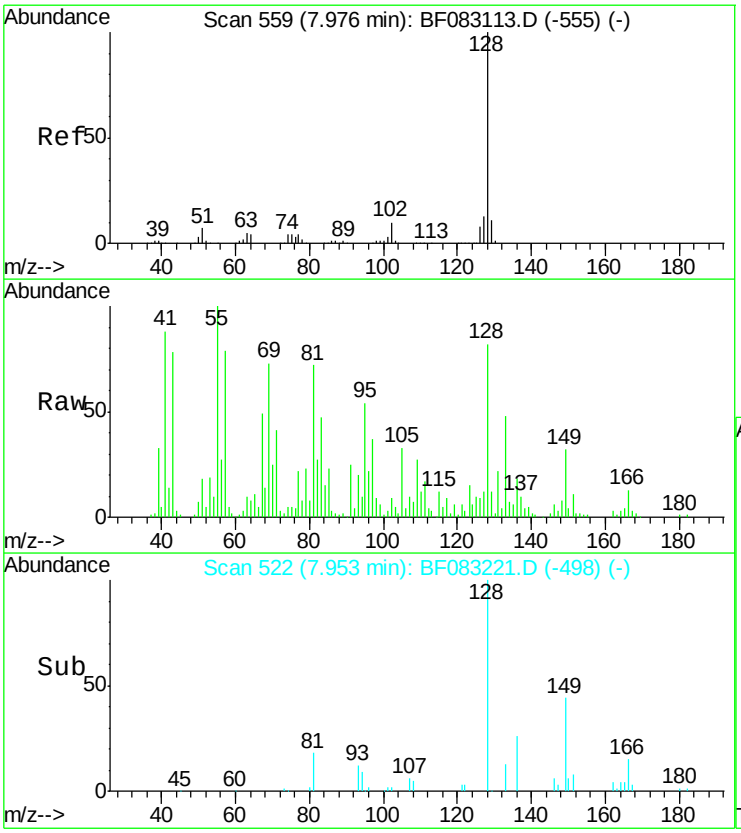
#27
2,4-Dimethylphenol
Concen: 3.76 ng
RT: 7.60 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:122 Resp: 40028

Ion	Ratio	Lower	Upper
122	100		
107	200.7	101.1	151.7#
121	105.5	44.9	67.3#

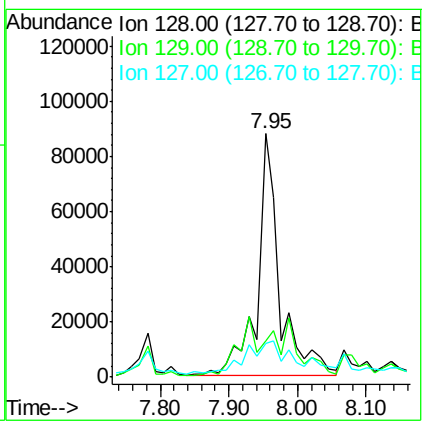


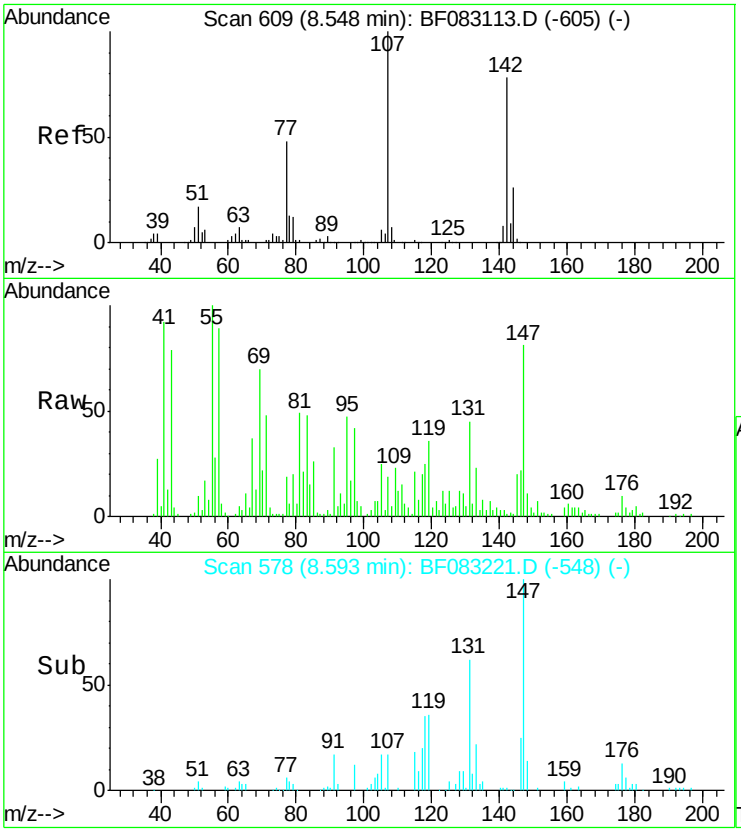


#31
Naphthalene
Concen: 5.60 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:128 Resp: 195261

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.0	13.4#
127	14.1	10.6	15.8



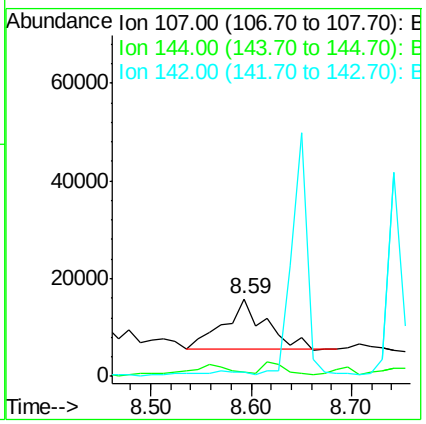


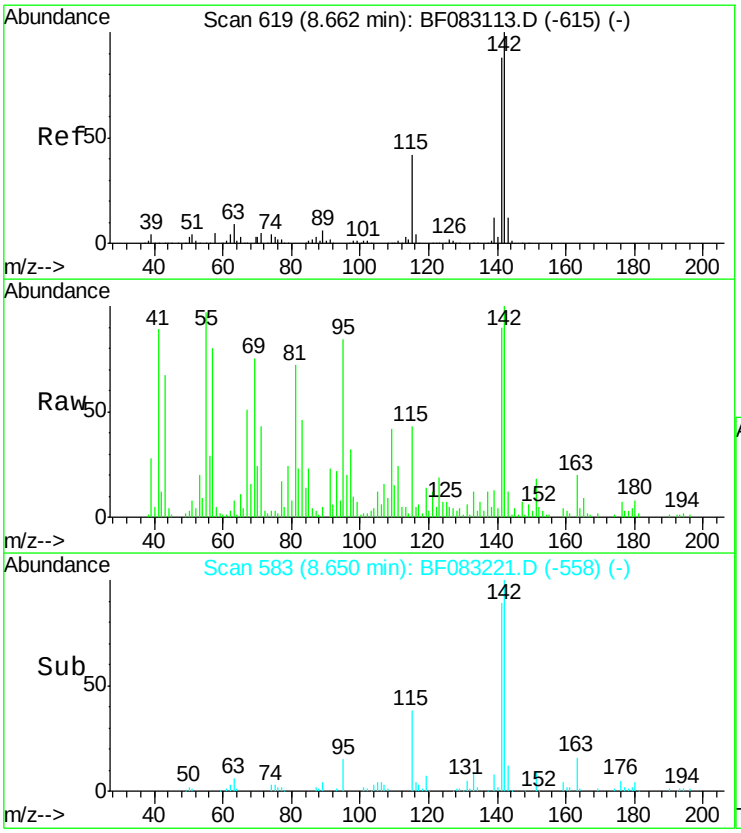
#36
4-Chloro-3-methylphenol
Concen: 2.58 ng
RT: 8.59 min Scan# 578
Delta R.T. 0.05 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:107 Resp: 30260

Ion	Ratio	Lower	Upper
107	100		
144	5.7	20.8	31.2#
142	5.0	62.1	93.1#

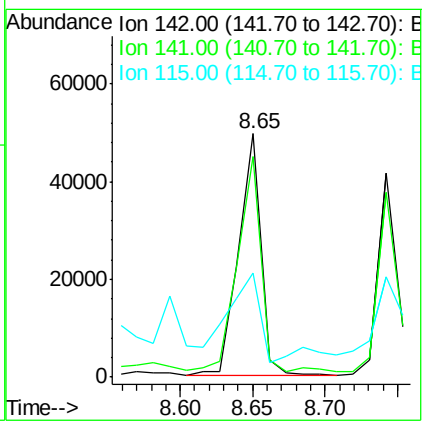


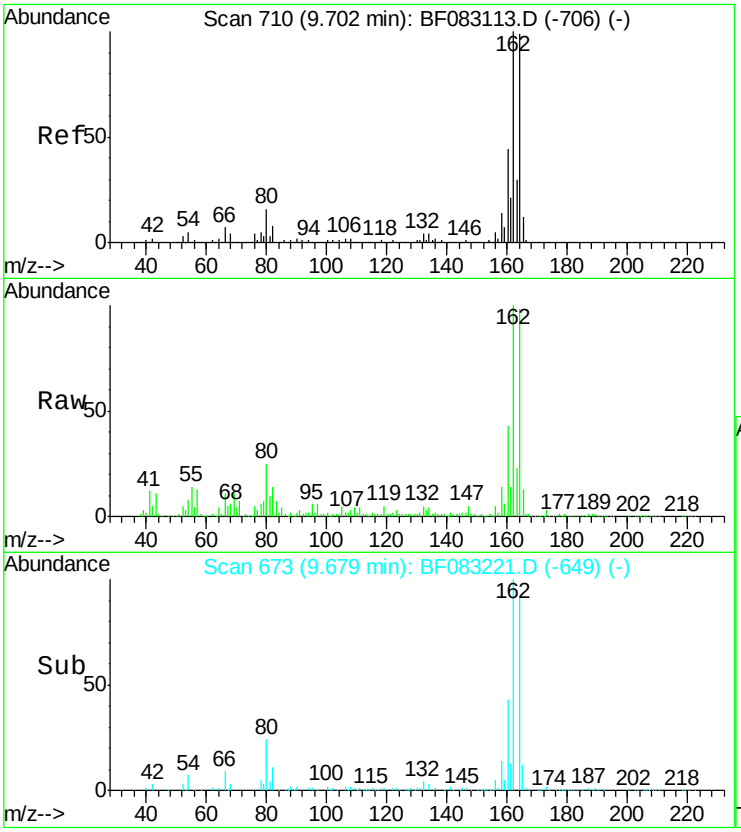


#37
2-Methylnaphthalene
Concen: 2.38 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:142 Resp: 53760

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.3	105.5
115	42.6	33.4	50.2



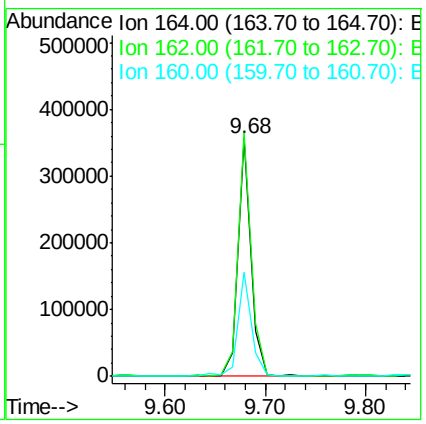


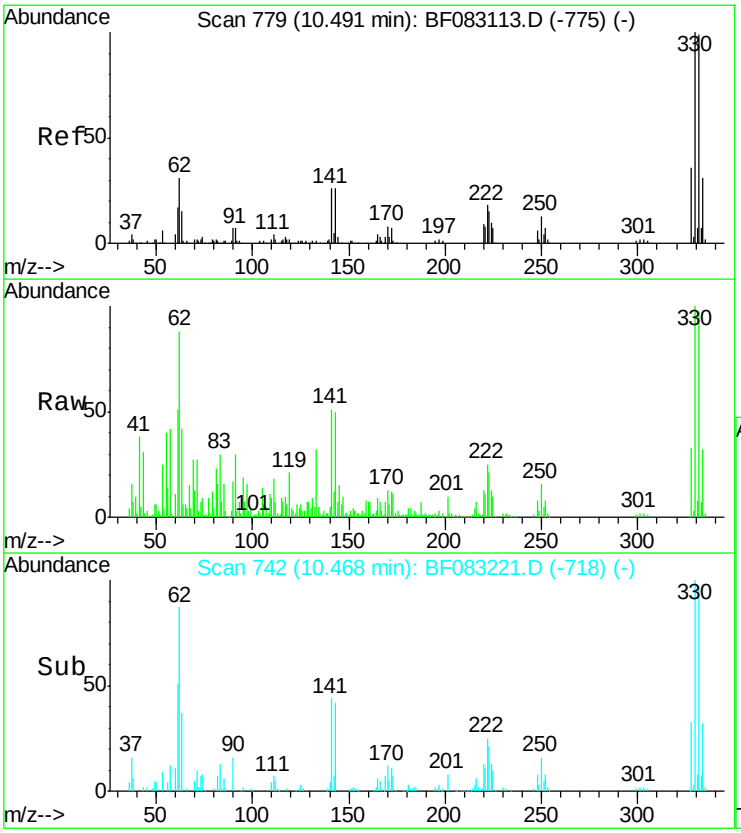
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:164 Resp: 317776

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.2	121.8
160	43.5	35.6	53.4

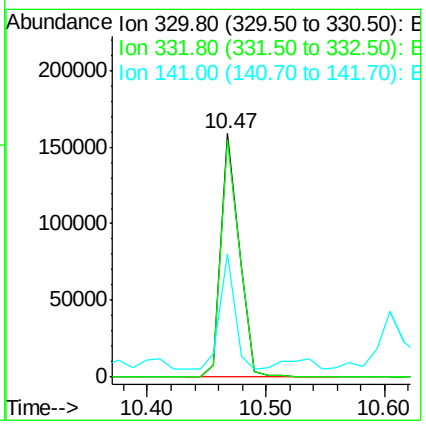


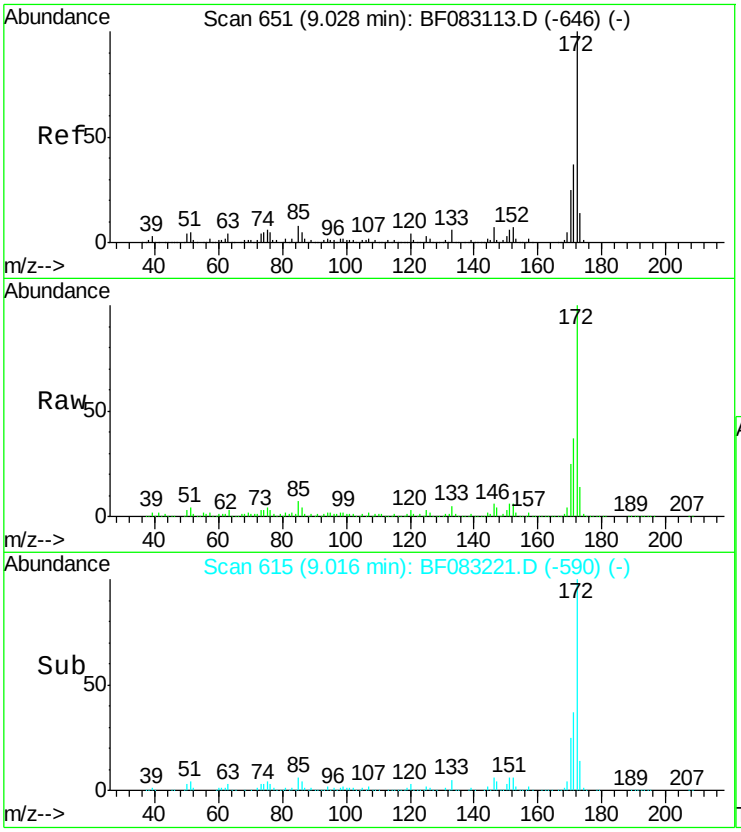


#41
2,4,6-Tribromophenol
Concen: 51.60 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:330 Resp: 167745

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.7	116.5
141	39.0	29.7	44.5



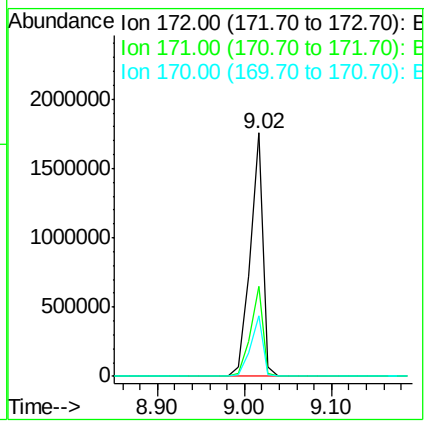


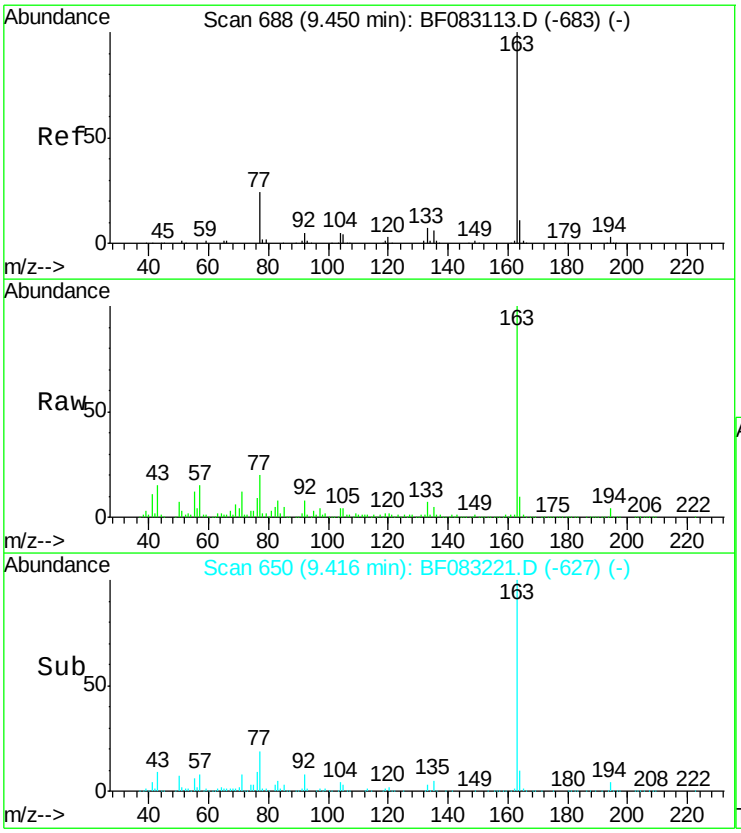
#44
2-Fluorobiphenyl
Concen: 79.28 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:172 Resp: 1806599

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.8	19.9	29.9

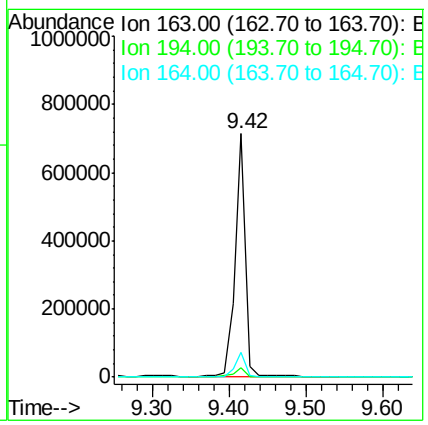


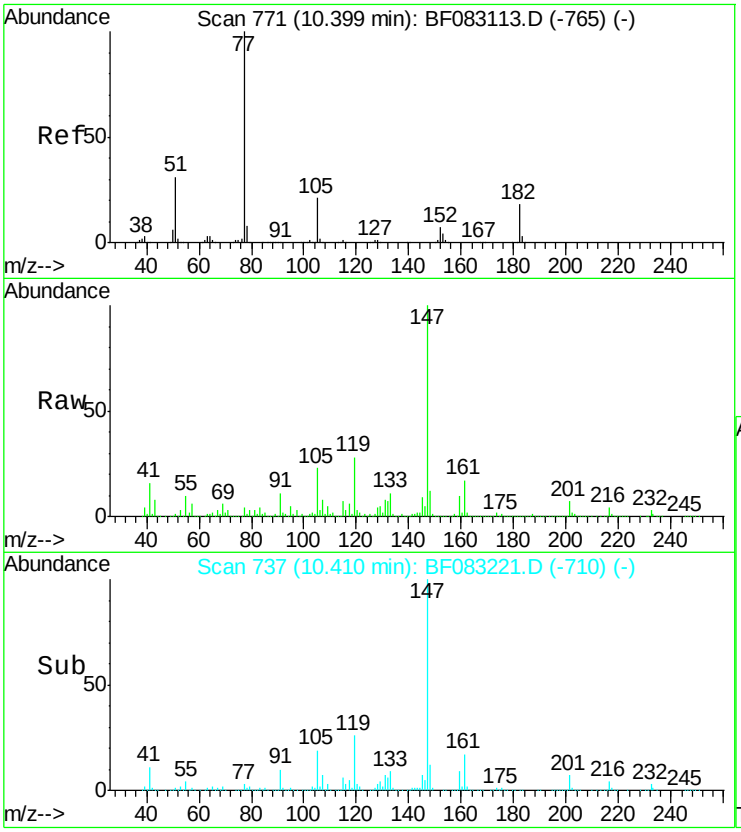


#49
Dimethylphthalate
Concen: 27.46 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:163 Resp: 671709

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.1	8.6	12.8



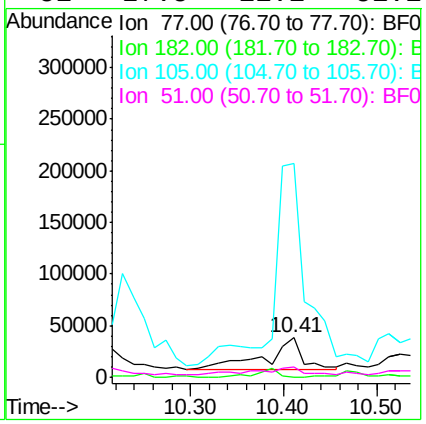


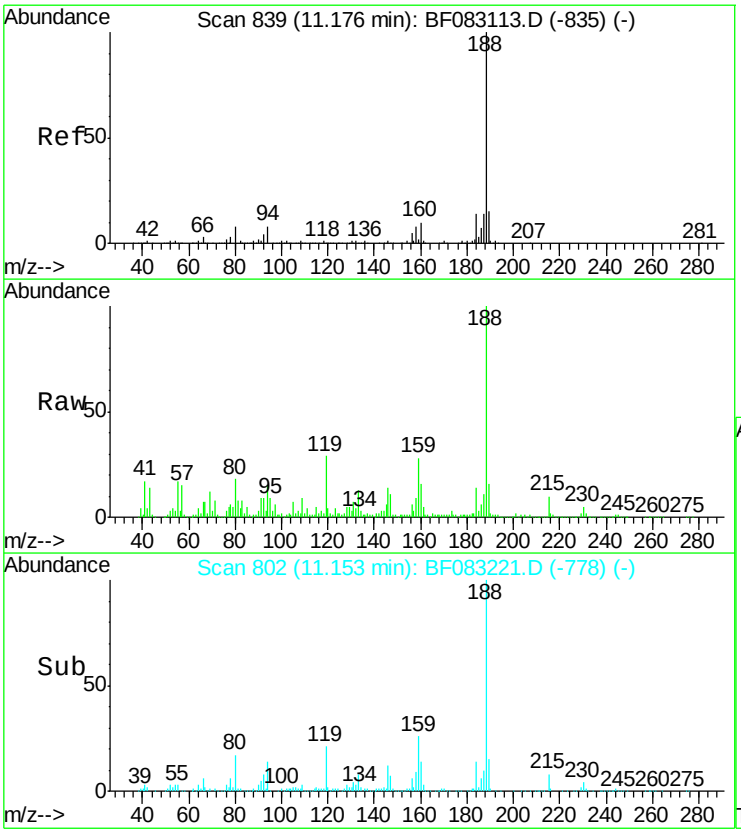
#62
Azobenzene
Concen: 3.00 ng
RT: 10.41 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 77 Resp: 83307

Ion	Ratio	Lower	Upper
77	100		
182	1.3	0.0	38.3
105	542.4	1.2	41.2#
51	27.5	11.1	51.1

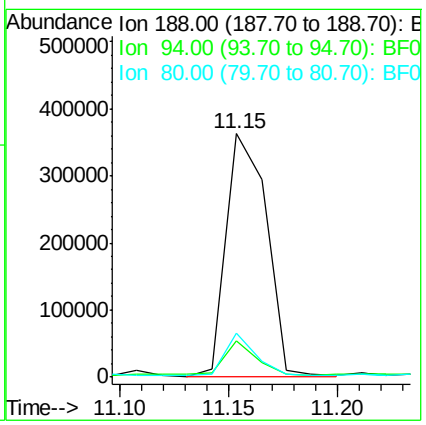


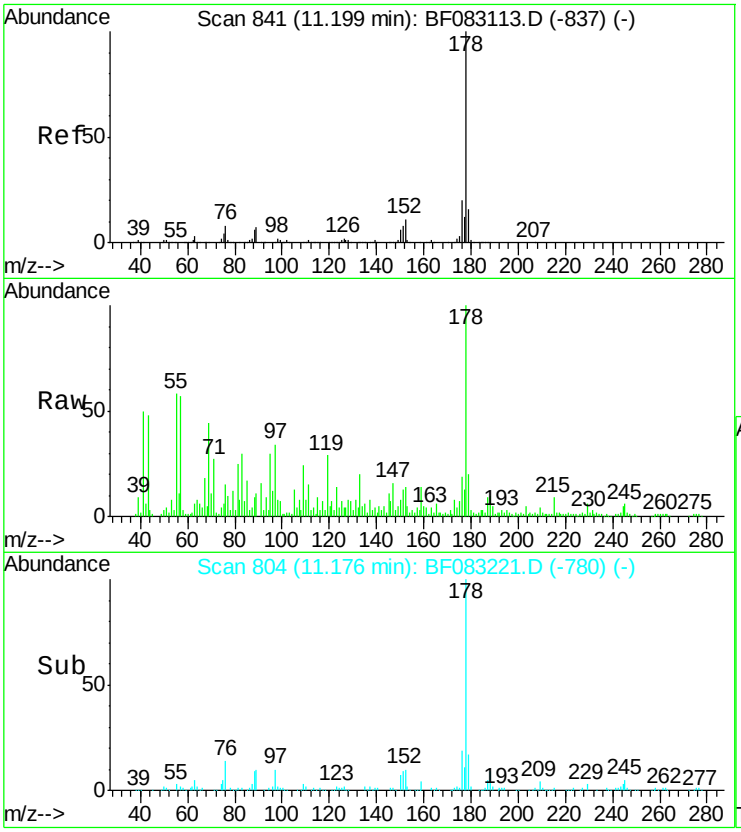


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:188 Resp: 464543

Ion	Ratio	Lower	Upper
188	100		
94	15.0	6.0	9.0#
80	17.9	6.7	10.1#



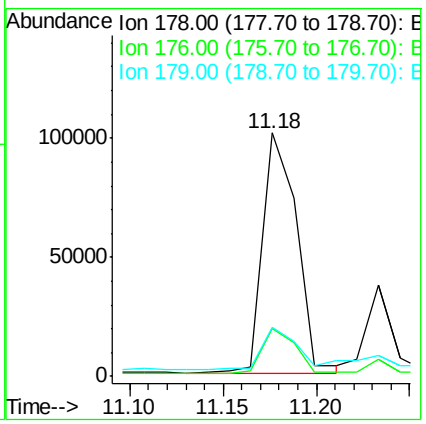


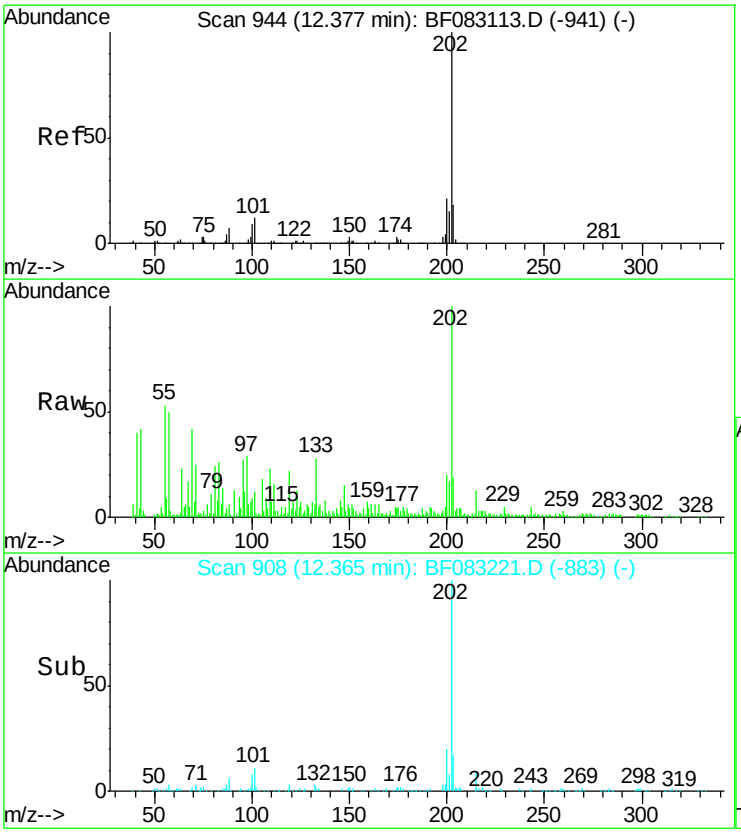
#70
Phenanthrene
Concen: 4.73 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:178 Resp: 126616

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	20.1	12.8	19.2#

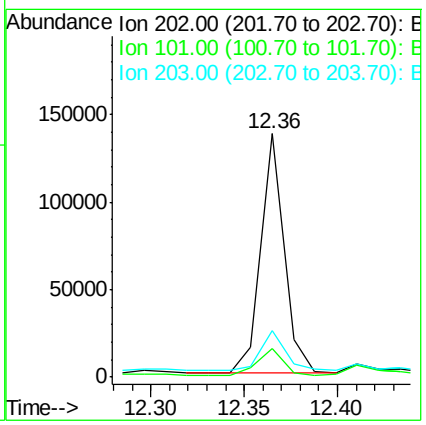


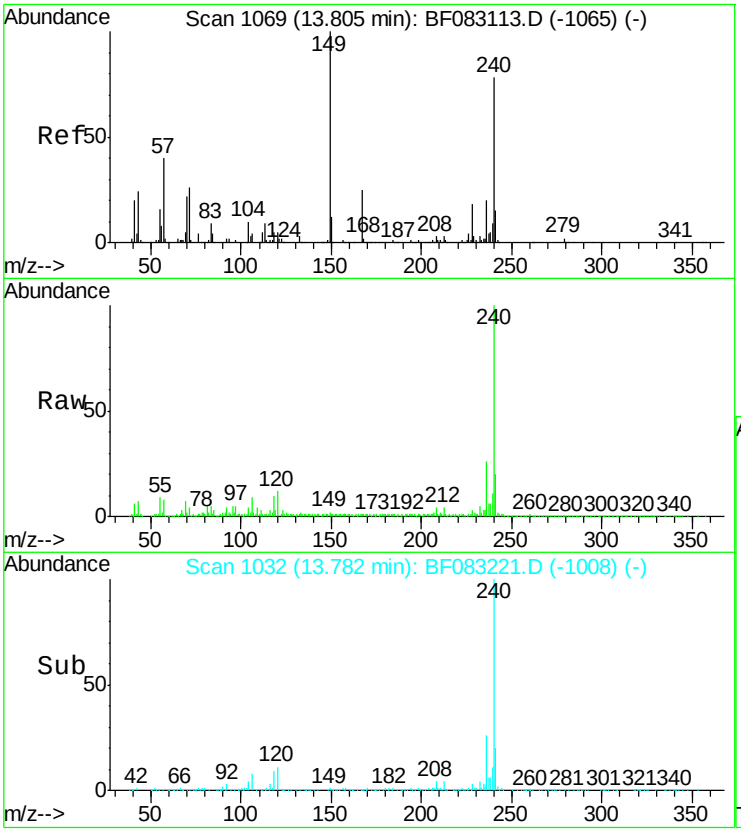


#74
Fluoranthene
Concen: 4.31 ng
RT: 12.36 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:202 Resp: 118168

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.3
203	19.1	0.0	38.4



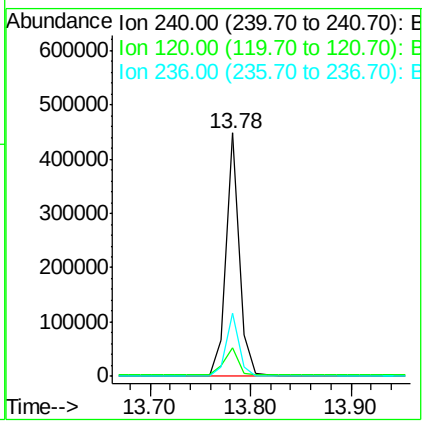


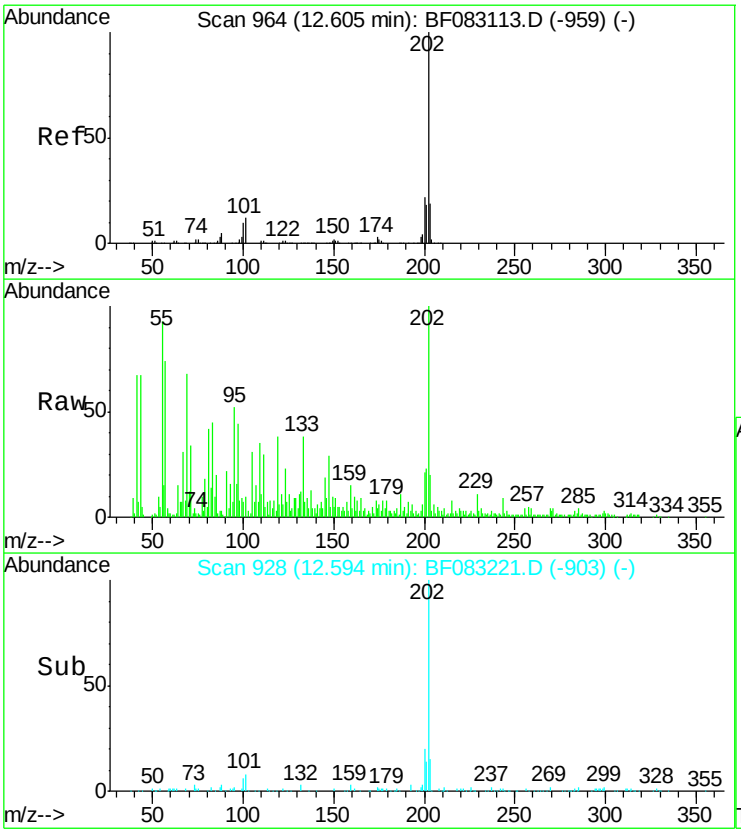
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:240 Resp: 410729

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.4	8.2#
236	26.1	20.6	31.0

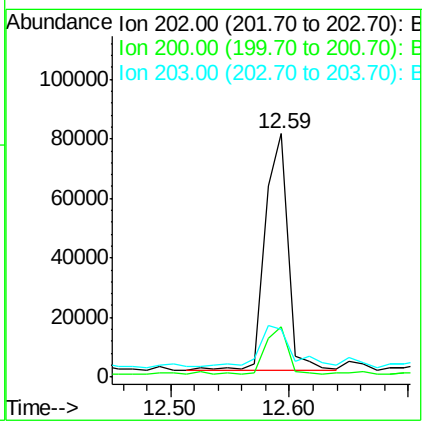


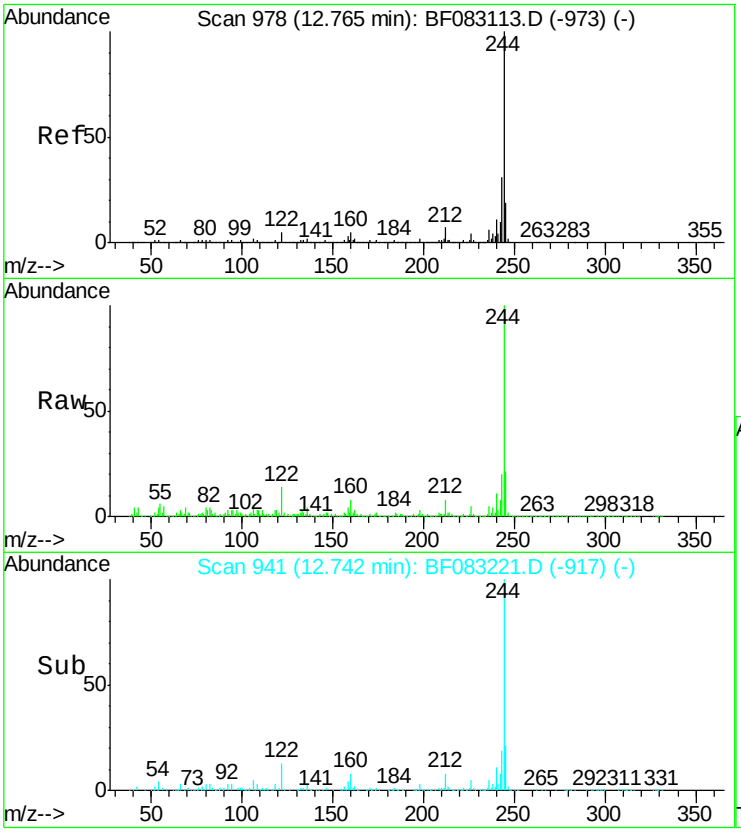


#77
Pyrene
Concen: 3.86 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:202 Resp: 108210

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	19.7	15.0	22.4



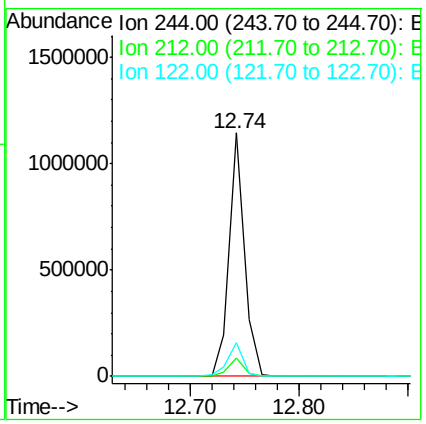


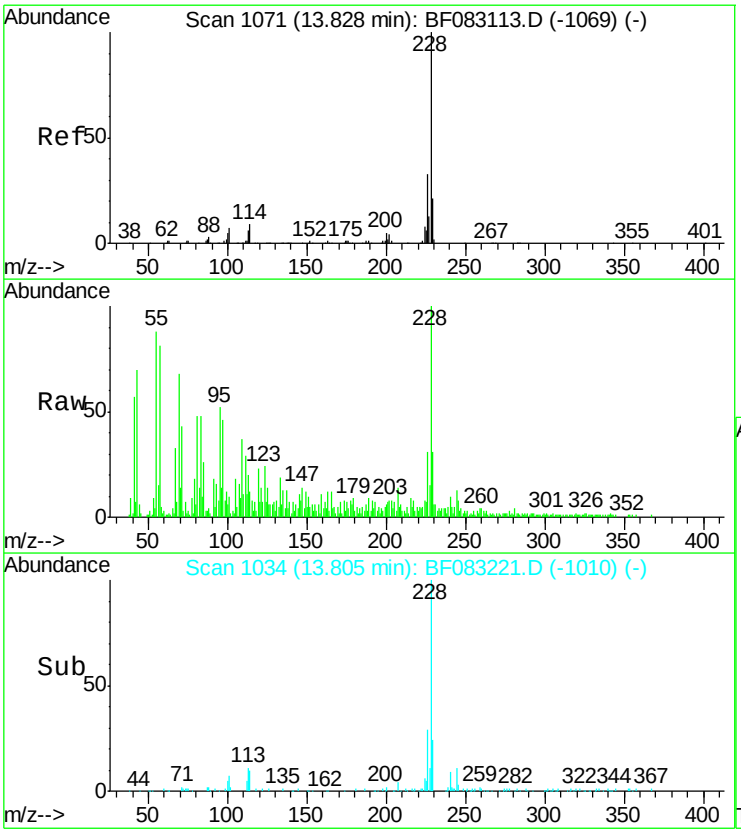
#78
Terphenyl-d14
Concen: 63.75 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:244 Resp: 1111863

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	13.8	4.3	6.5#

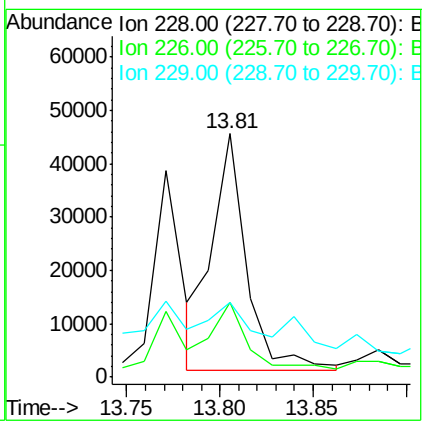


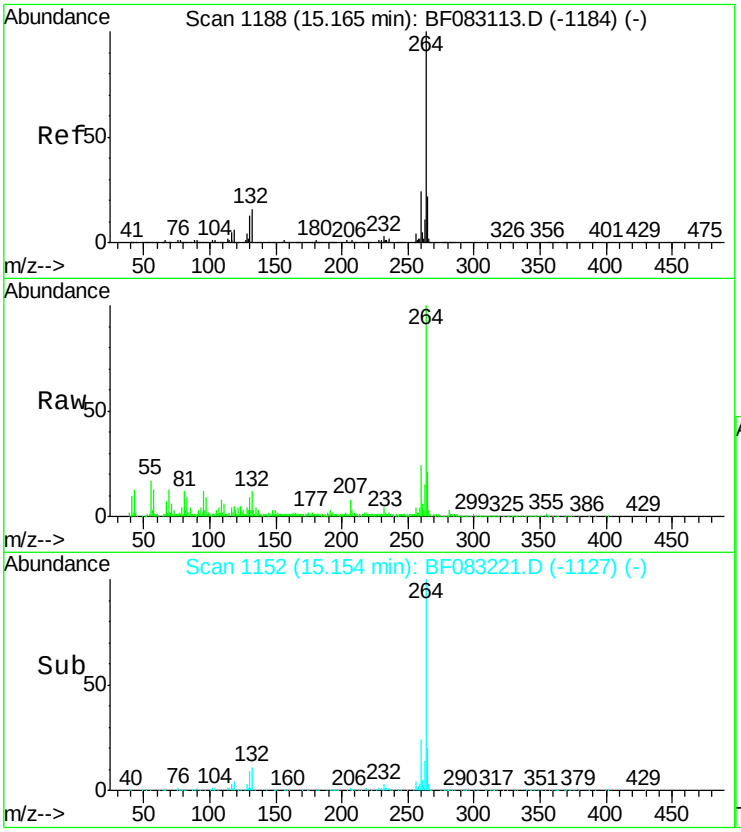


#82
Chrysene
Concen: 2.45 ng
RT: 13.81 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:228 Resp: 57743

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	30.8	16.6	25.0#



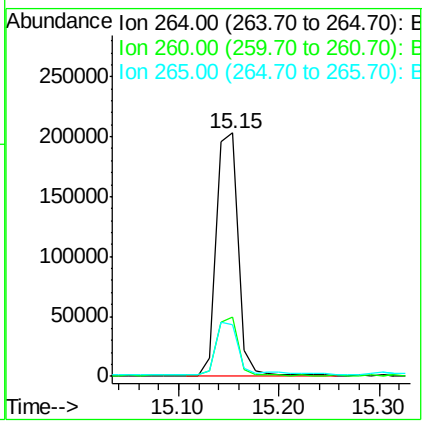


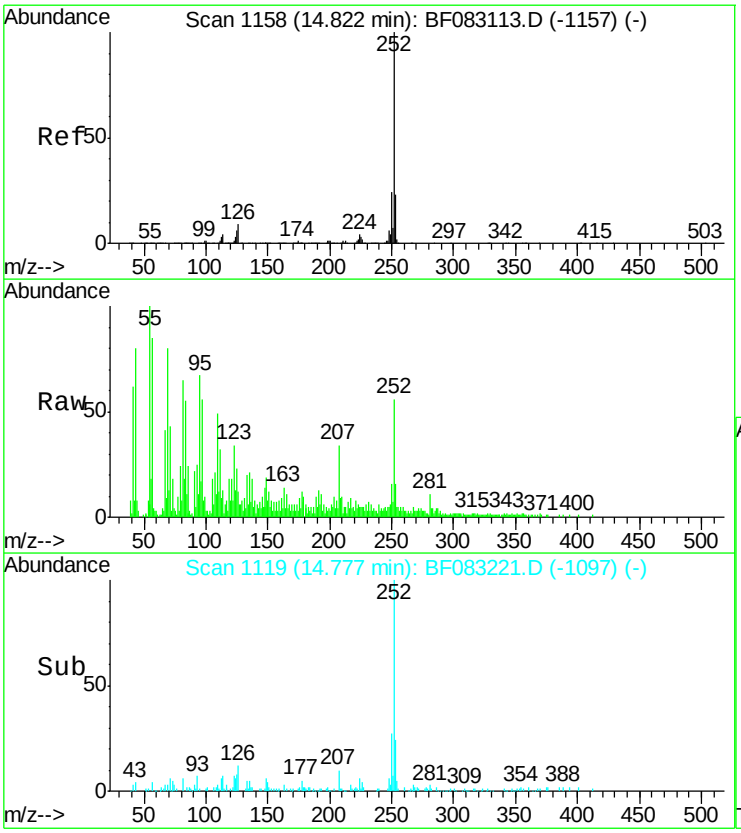
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:264 Resp: 304271

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.0	18.2	27.4





#88
Benzo(k)fluoranthene
Concen: 2.30 ng
RT: 14.78 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:252 Resp: 35568

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.2	27.2#
125	40.6	6.8	10.2#