Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081905.D
Acq On : 30 Sep 2015 9:04
Operator : UM/IZ
Sample : G3754-06DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BDDL

Quant Time: Sep 30 10:46:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	128920	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	458425	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	171752	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	331713	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	308274	20.00	ng		-0.02
86) Perylene-d12	15.57	264	249159	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	68409	9.63	ng		-0.01
7) Phenol-d6	6.54	99	60458	6.77	ng		-0.02
23) Nitrobenzene-d5	7.49	82	141913	20.64	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	46849	26.93	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	208574	16.91	ng		-0.02
78) Terphenyl-d14	13.04	244	225346	18.18	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	80360	13.73	ng	#	1
18) Hexachloroethane	7.45	117	42661	14.09	ng	#	60
19) n-Nitroso-di-n-propylamine	7.49	70	19307	3.55	ng	#	60
20) 3+4-Methylphenols	7.34	107	17086	2.13	ng	#	51
22) Acetophenone	7.31	105	24246	2.59	ng	#	53
27) 2,4-Dimethylphenol	7.86	122	27773	4.40	ng	#	84
31) Naphthalene	8.25	128	5252394	258.57	ng	#	91
32) Benzoic acid	8.00	122	16977	11.16	ng	#	1
33) 4-Chloroaniline	8.25	127	800251	91.11	ng	#	36
37) 2-Methylnaphthalene	8.93	142	467201	33.69	ng	#	89
45) 1,1'-Biphenyl	9.38	154	160293	12.10	ng		96
48) Acenaphthylene	9.83	152	609051	36.57	ng		96
51) Acenaphthene	10.00	154	140544	14.21	ng		88
57) Fluorene	10.51	166	135152	11.95	ng		90
70) Phenanthrene	11.47	178	327278	19.56	ng		97
71) Anthracene	11.53	178	75427	4.47	ng		99
73) Di-n-butylphthalate	12.01	149	1655	Below Cal		#	77
74) Fluoranthene	12.66	202	71034	4.00	ng		88
77) Pyrene	12.89	202	92609	5.03	ng		97
82) Chrysene	14.08	228	27432	2.14	ng	#	67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081905.D
Acq On : 30 Sep 2015 9:04
Operator : UM/IZ
Sample : G3754-06DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Quant Time: Sep 30 10:46:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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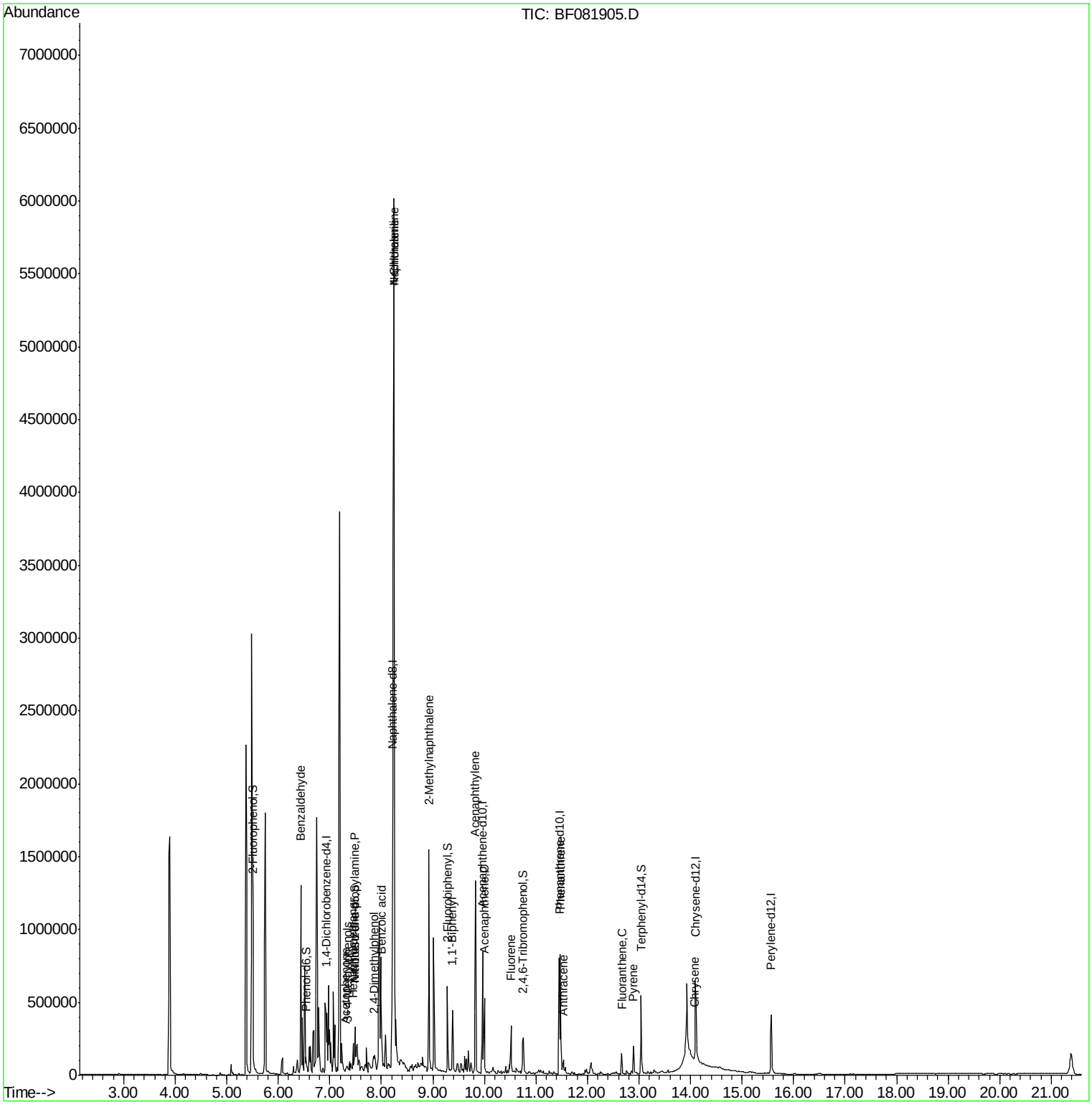
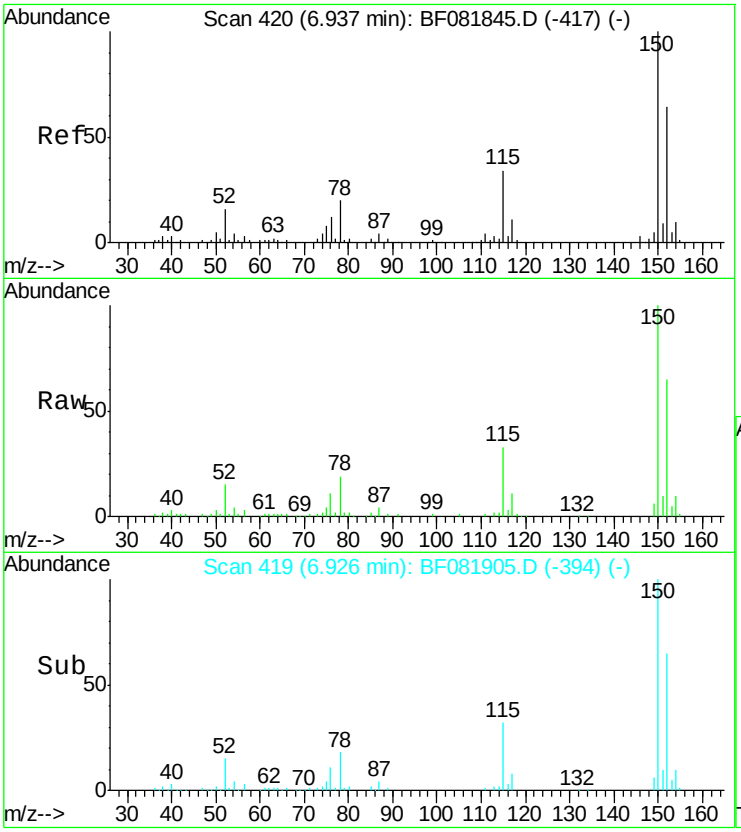


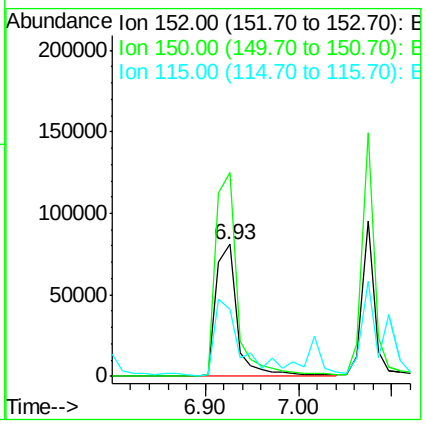


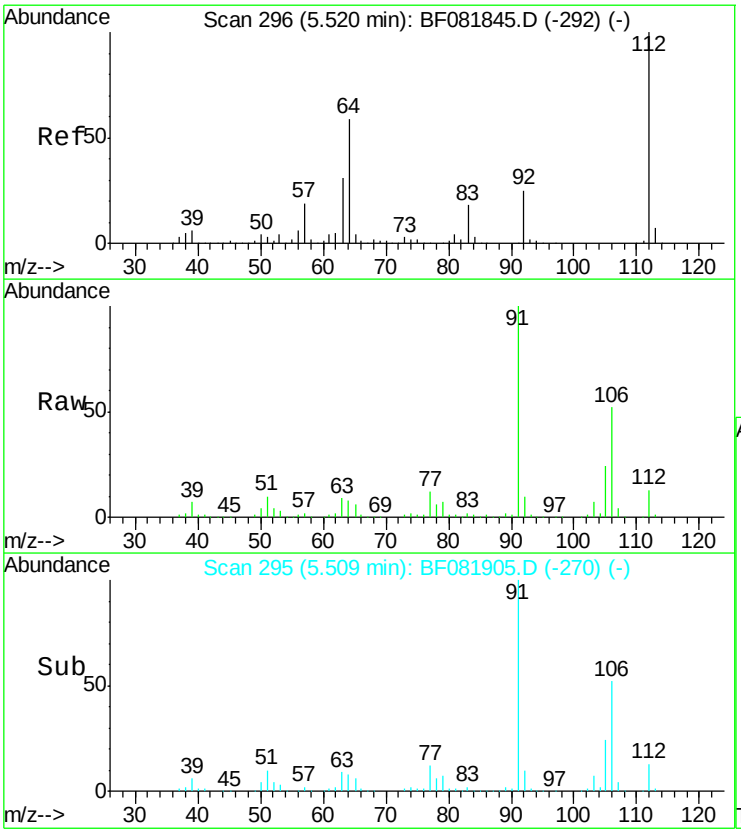
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:152 Resp: 128920

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.7	187.1
115	50.8	39.0	58.4

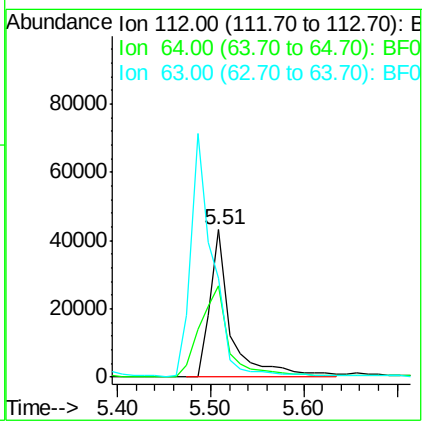


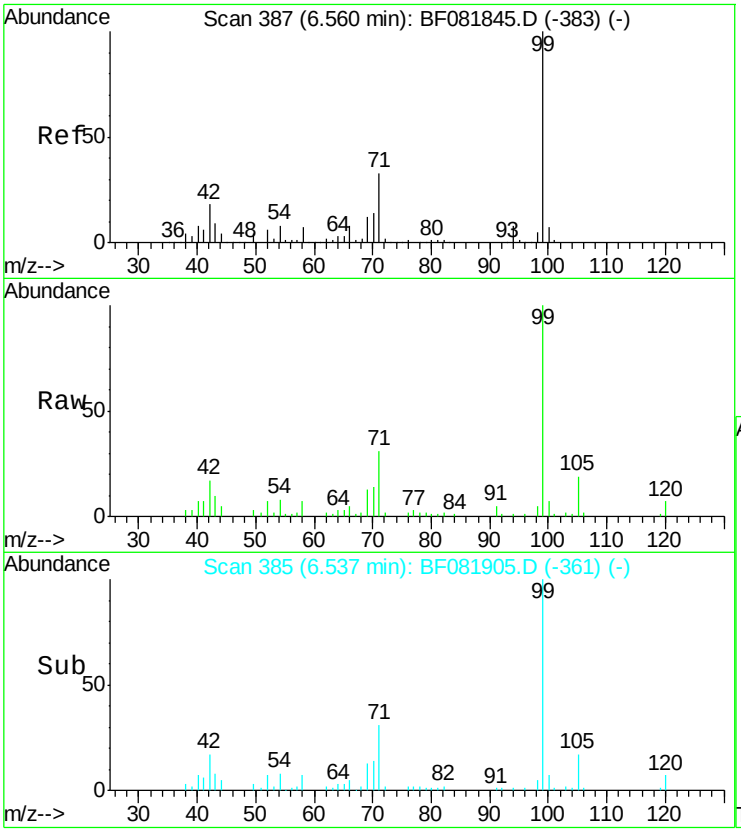


#5
2-Fluorophenol
Concen: 9.63 ng
RT: 5.51 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:112 Resp: 68409

Ion	Ratio	Lower	Upper
112	100		
64	61.7	39.7	59.5#
63	67.1	17.4	26.0#



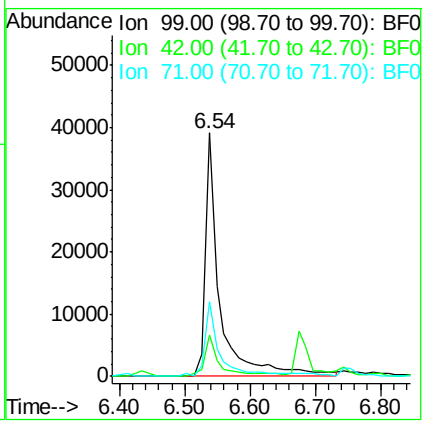


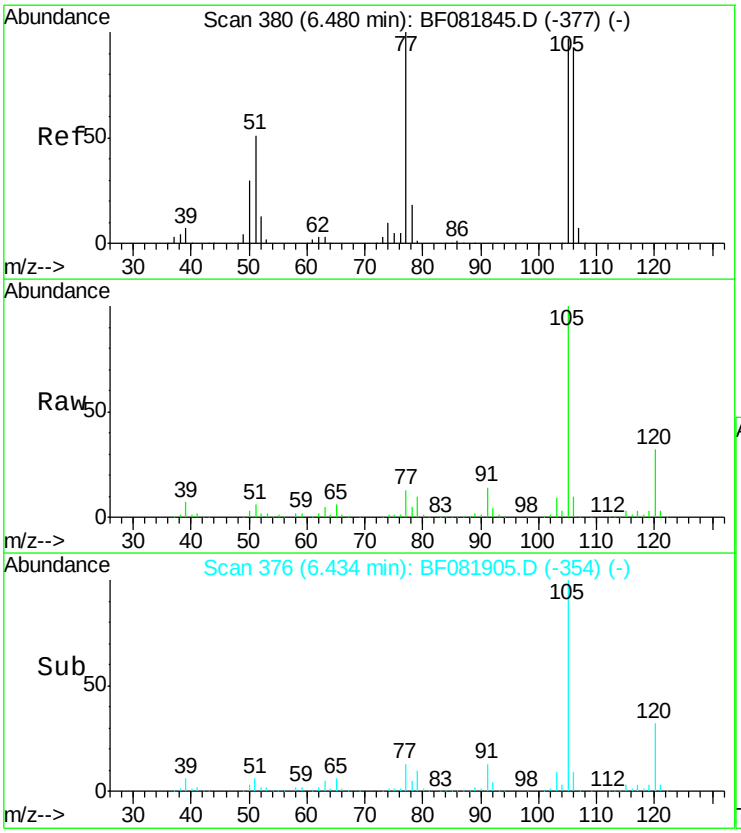
#7
Phenol-d6
Concen: 6.77 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion: 99 Resp: 60458

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	30.9	14.2	21.2#

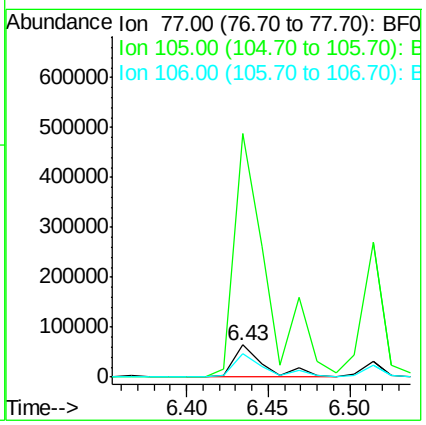


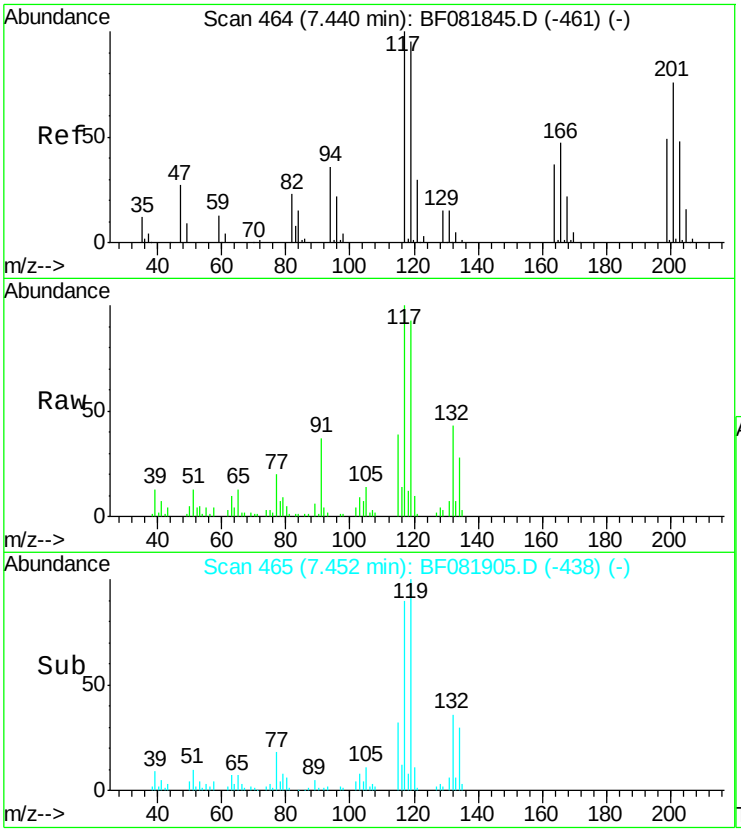


#9
Benzaldehyde
Concen: 13.73 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.05 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion: 77 Resp: 80360

Ion	Ratio	Lower	Upper
77	100		
105	758.1	91.6	131.6#
106	72.4	102.6	142.6#



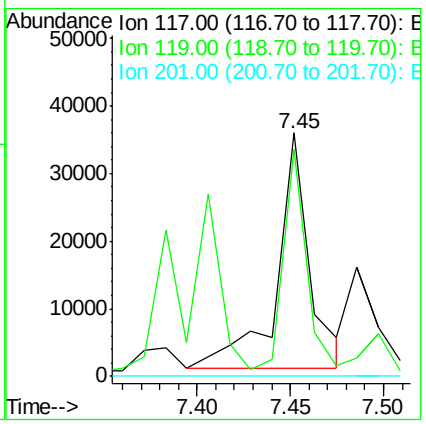


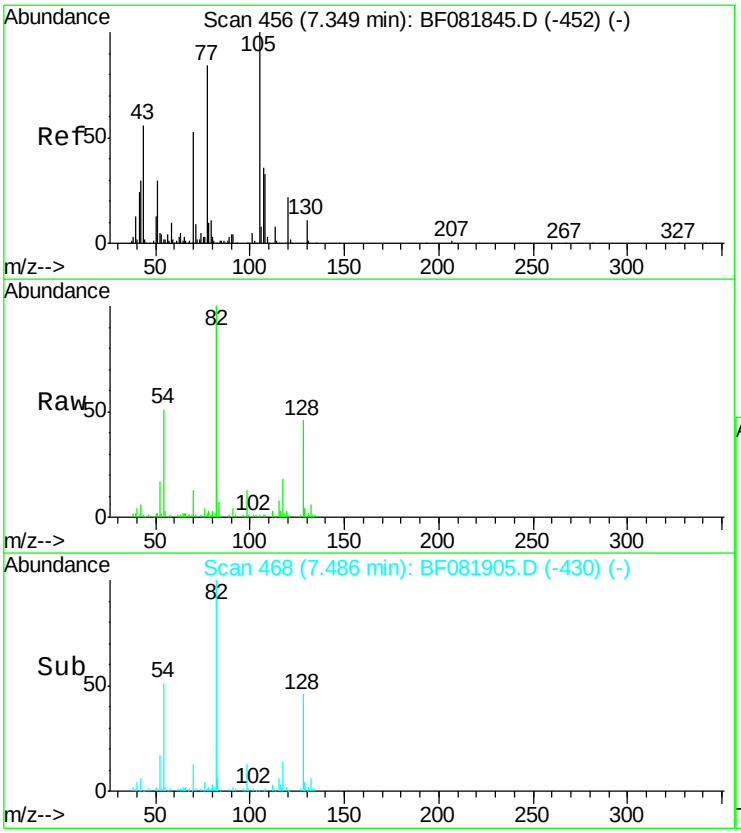
#18
Hexachloroethane
Concen: 14.09 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:117 Resp: 42661

Ion	Ratio	Lower	Upper
117	100		
119	93.4	83.8	125.6
201	0.0	55.1	82.7#

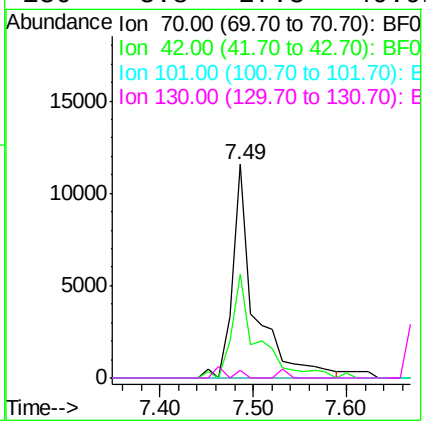


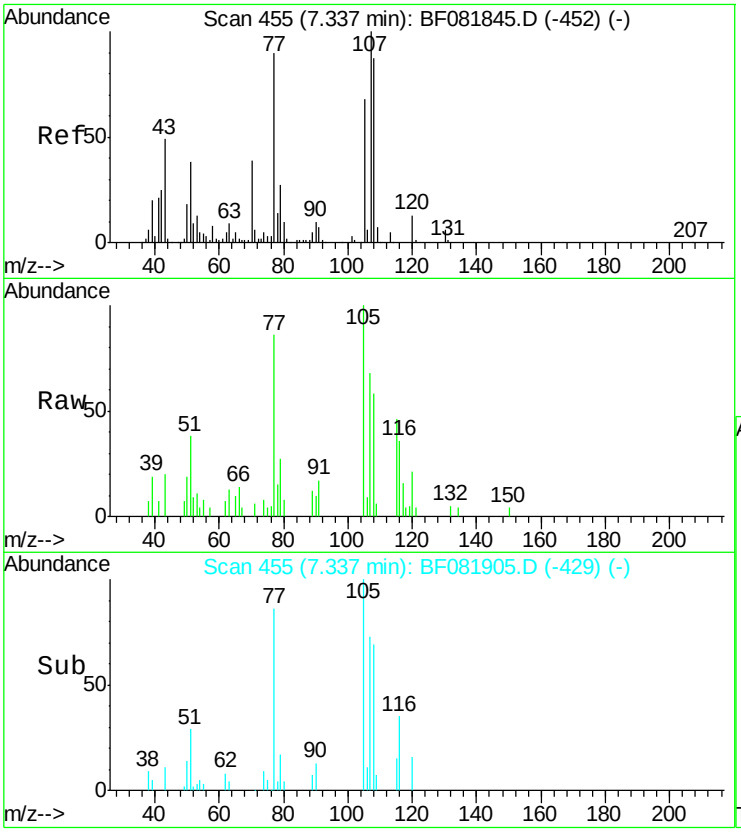


#19
n-Nitroso-di-n-propylamine
Concen: 3.55 ng
RT: 7.49 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion: 70 Resp: 19307

Ion	Ratio	Lower	Upper
70	100		
42	48.6	63.8	95.6#
101	0.0	9.2	13.8#
130	3.8	27.3	40.9#



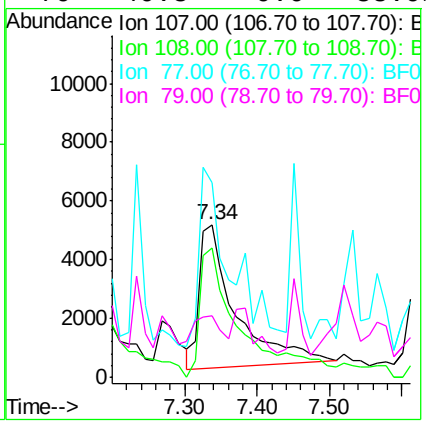


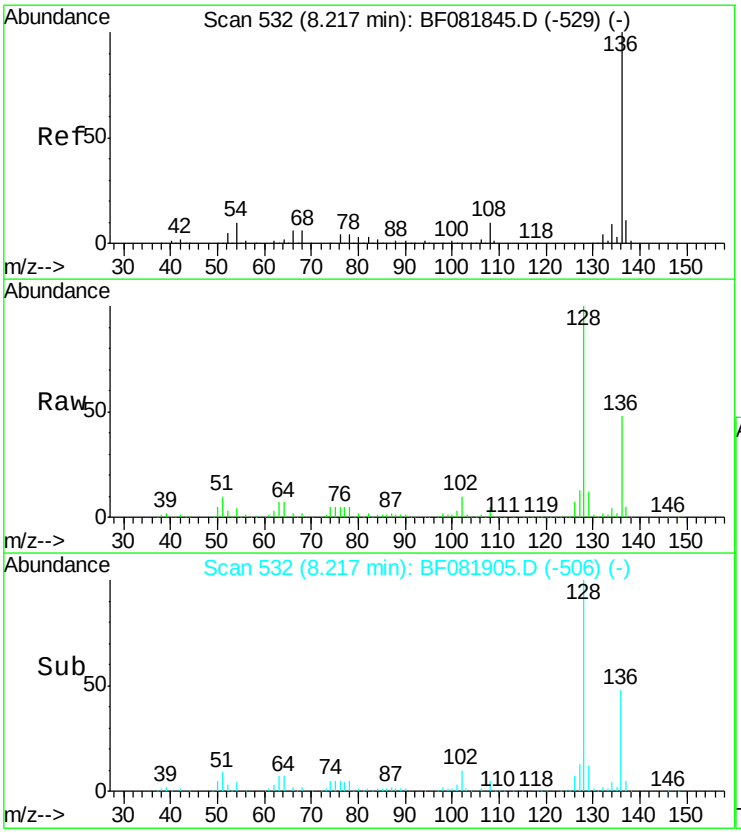
#20
3+4-Methylphenols
Concen: 2.13 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:107 Resp: 17086

Ion	Ratio	Lower	Upper
107	100		
108	85.0	74.6	114.6
77	127.4	0.7	40.7#
79	40.3	0.0	38.9#

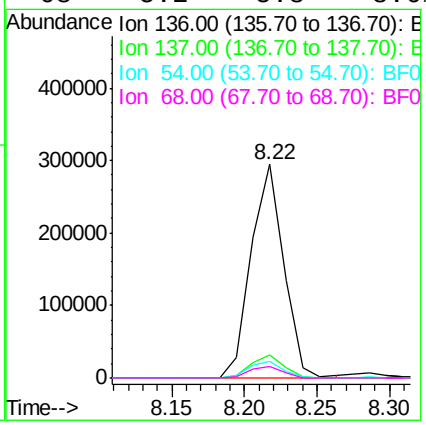


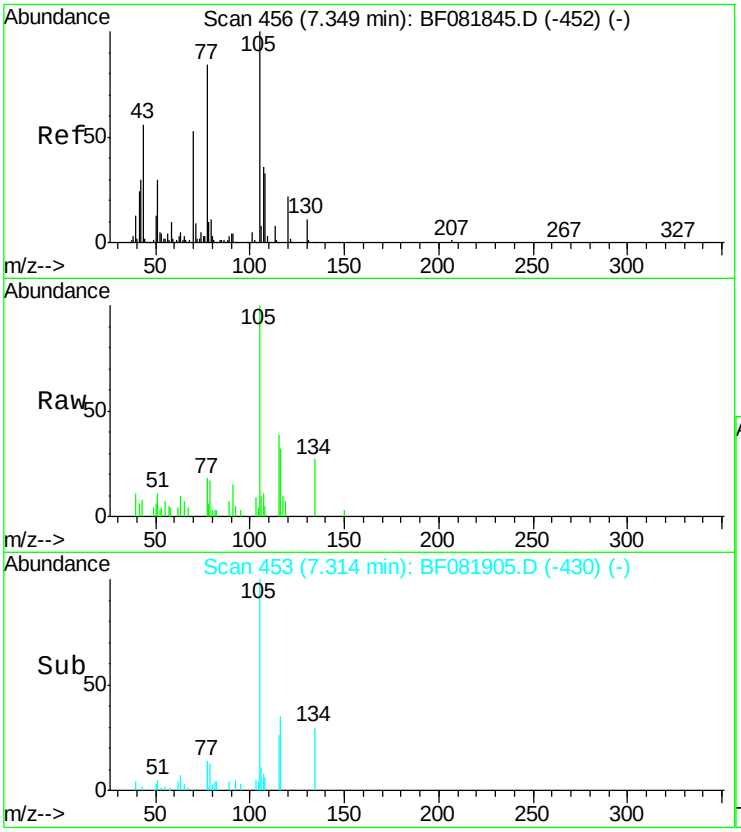


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:136 Resp: 458425

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.7	8.2	12.2#
68	5.2	5.8	8.6#



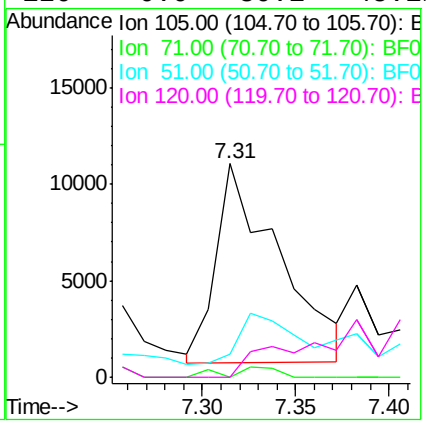


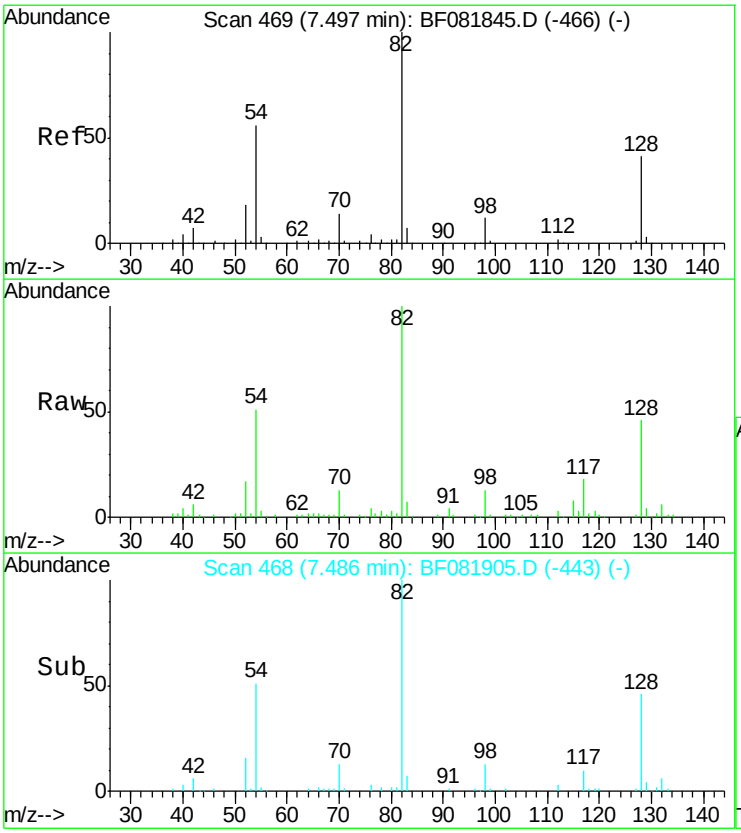
#22
Acetophenone
Concen: 2.59 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:105 Resp: 24246

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	10.7	22.0	33.0#
120	0.0	30.1	45.1#

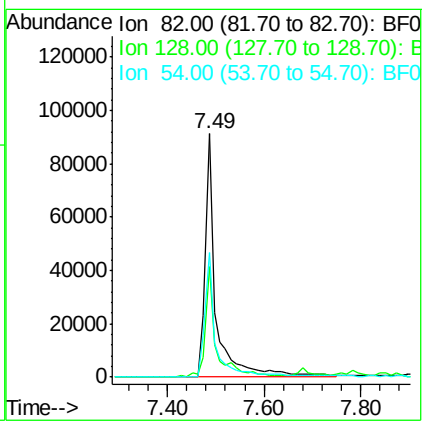


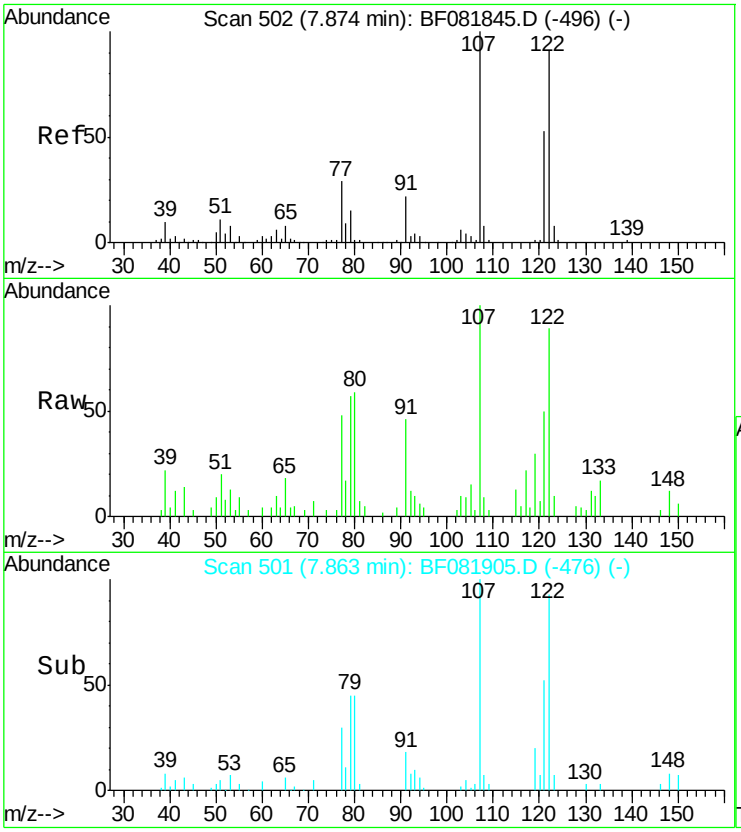


#23
Nitrobenzene-d5
Concen: 20.64 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion: 82 Resp: 141913

Ion	Ratio	Lower	Upper
82	100		
128	45.6	51.0	76.6#
54	51.0	47.5	71.3



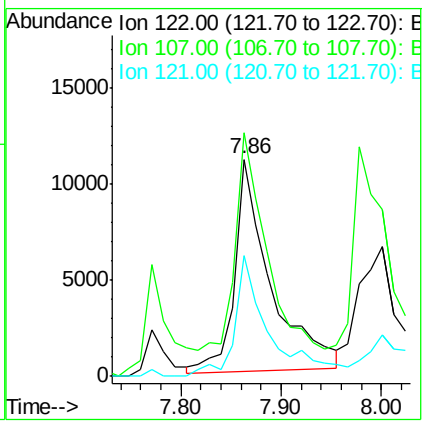


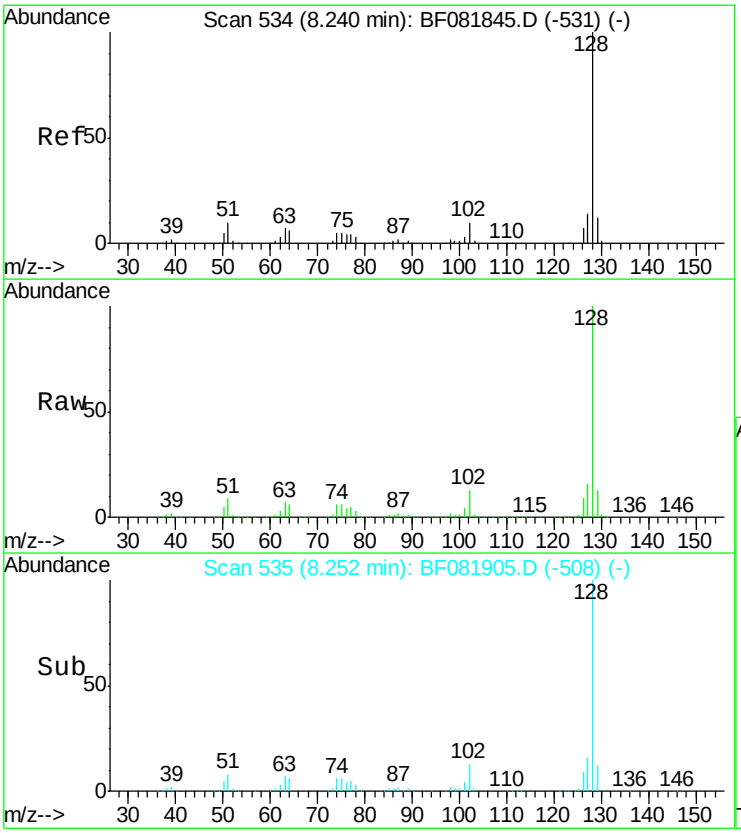
#27
2,4-Dimethylphenol
Concen: 4.40 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:122 Resp: 27773

Ion	Ratio	Lower	Upper
122	100		
107	112.0	71.8	107.6#
121	55.6	42.3	63.5

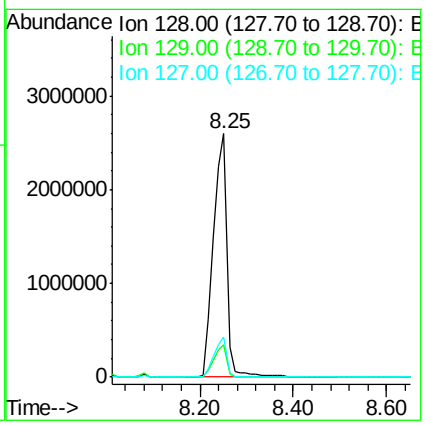


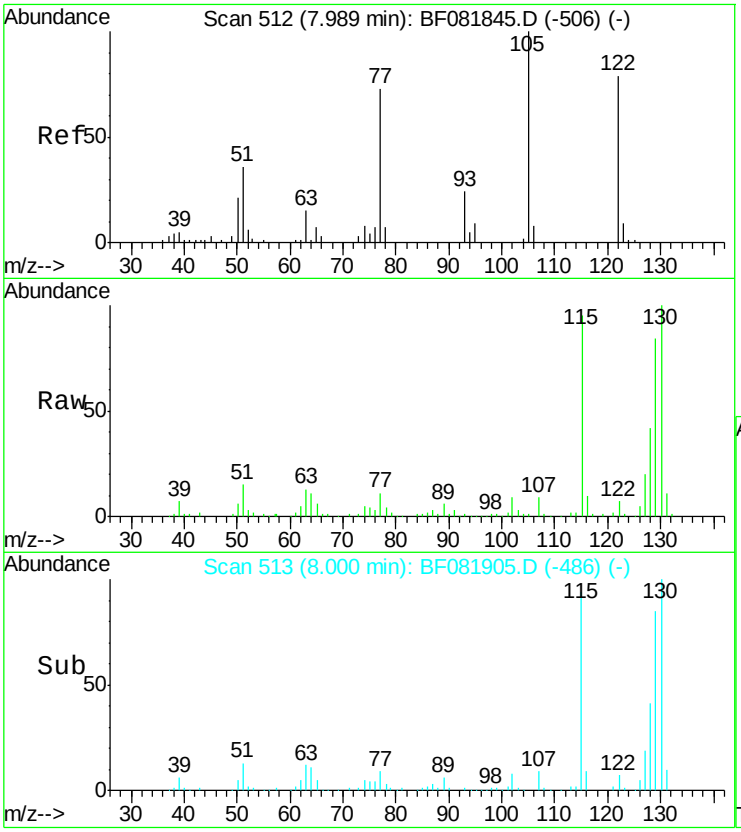


#31
Naphthalene
Concen: 258.57 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:128 Resp: 5252394

Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.4	12.6#
127	16.2	9.9	14.9#



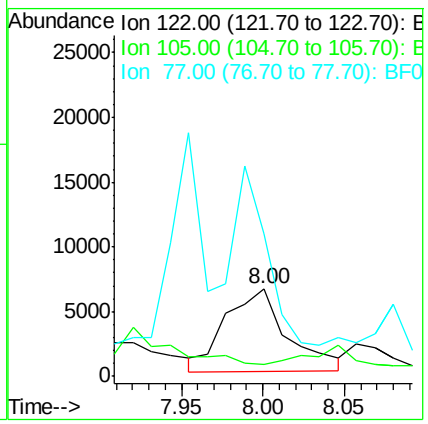


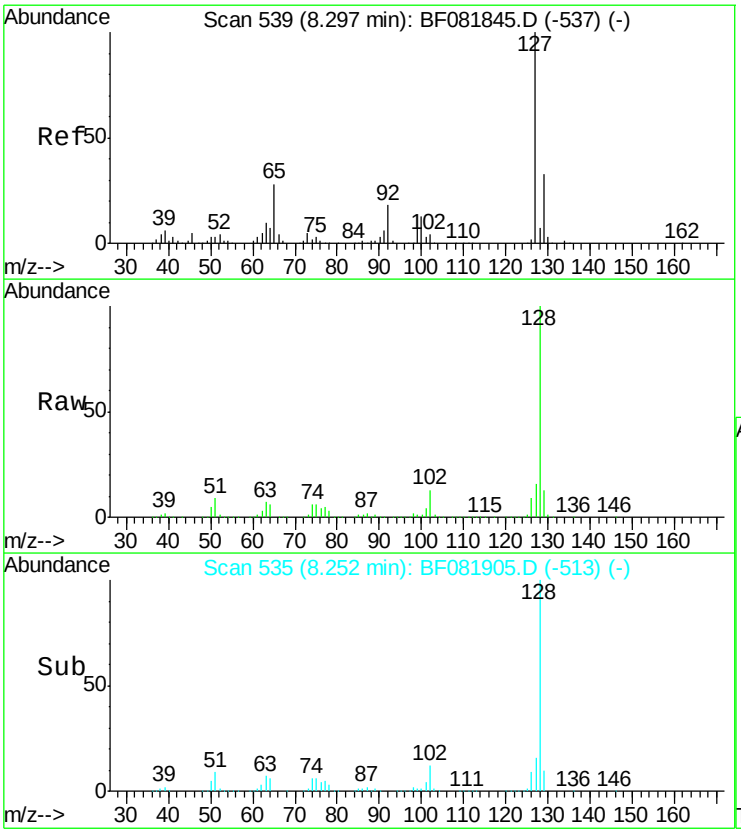
#32
Benzoic acid
Concen: 11.16 ng
RT: 8.00 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:122 Resp: 16977

Ion	Ratio	Lower	Upper
122	100		
105	13.7	76.1	116.1#
77	162.9	40.5	80.5#

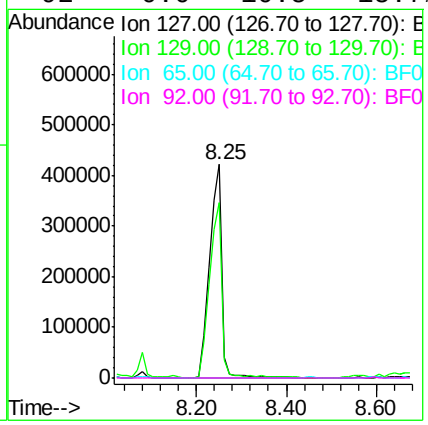


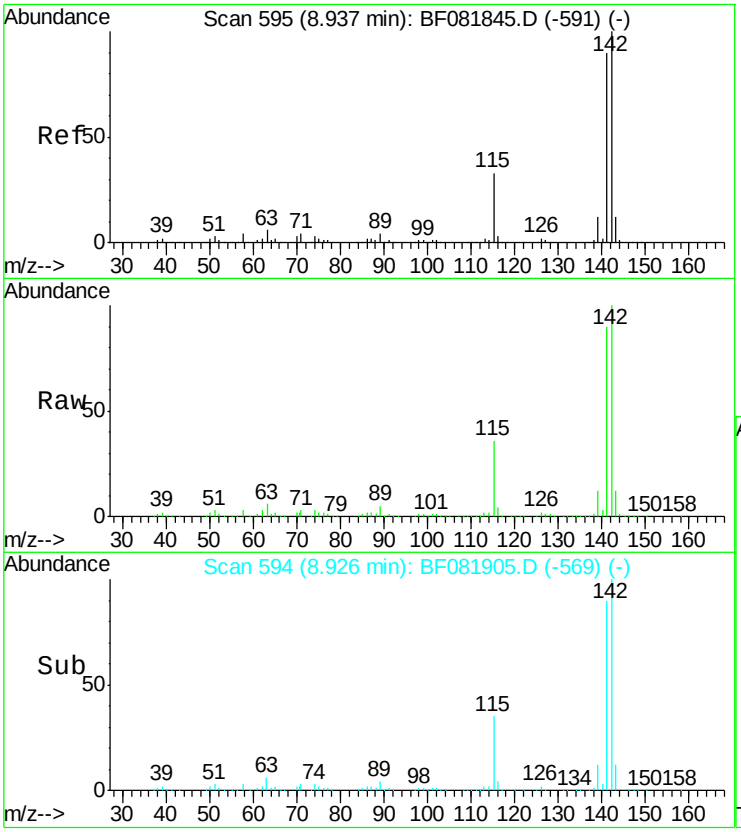


#33
4-Chloroaniline
Concen: 91.11 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:127 Resp: 800251

Ion	Ratio	Lower	Upper
127	100		
129	82.0	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



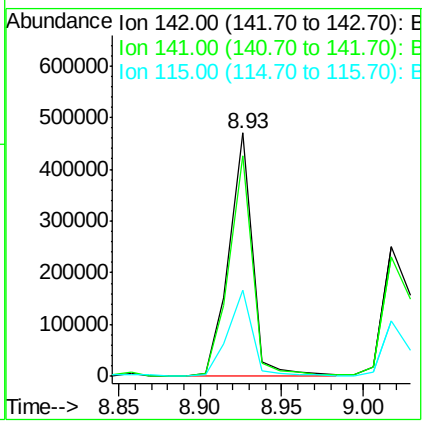


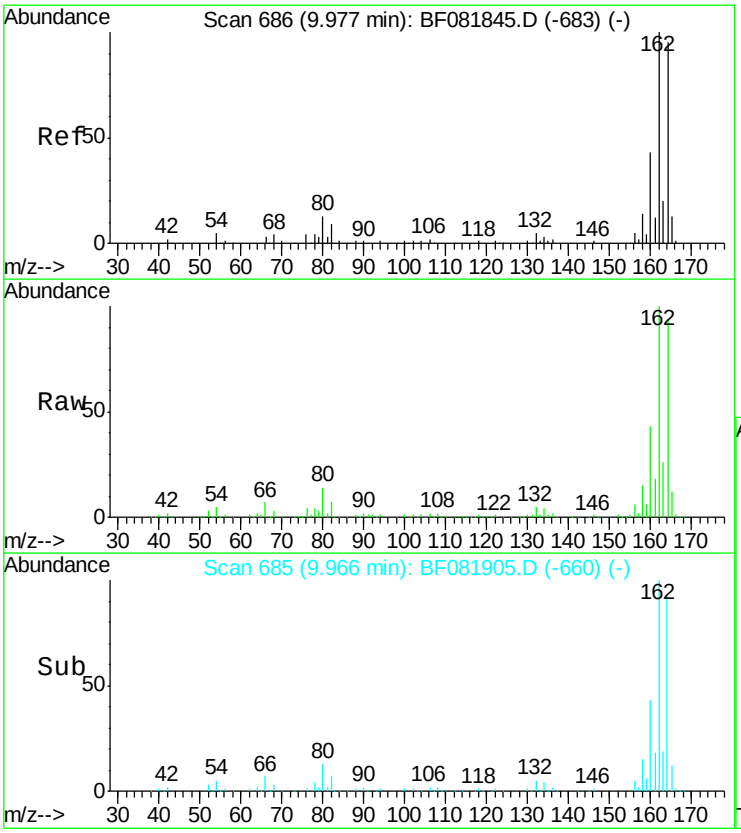
#37
2-Methylnaphthalene
Concen: 33.69 ng
RT: 8.93 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:142 Resp: 467201

Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.5	101.3
115	35.7	18.2	27.2#

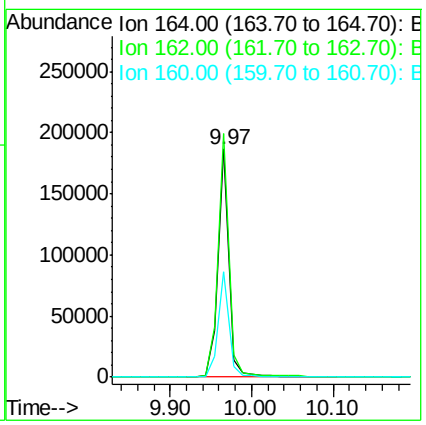


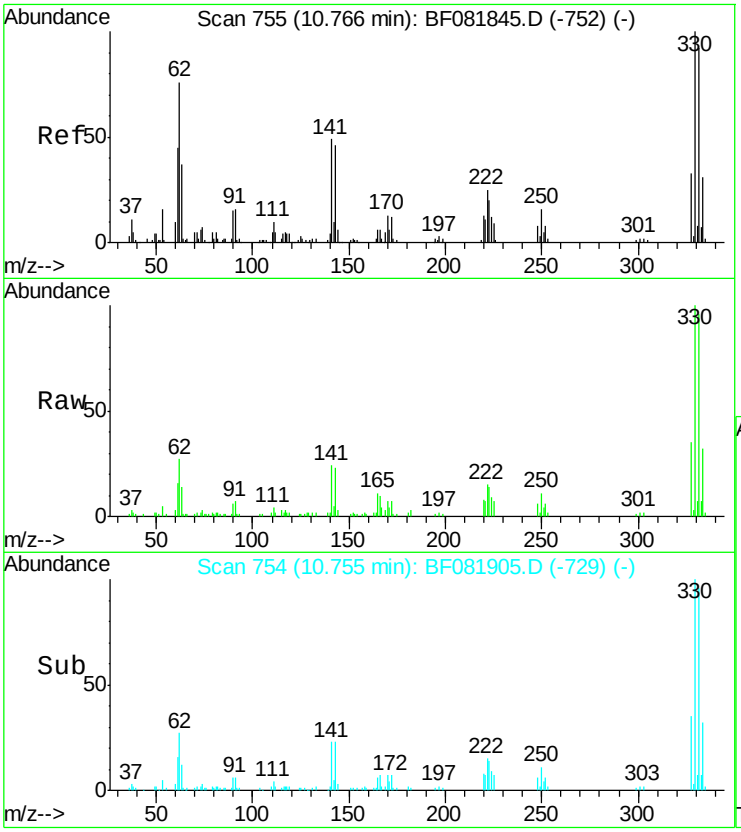


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:164 Resp: 171752

Ion	Ratio	Lower	Upper
164	100		
162	106.9	75.2	112.8
160	46.3	31.5	47.3



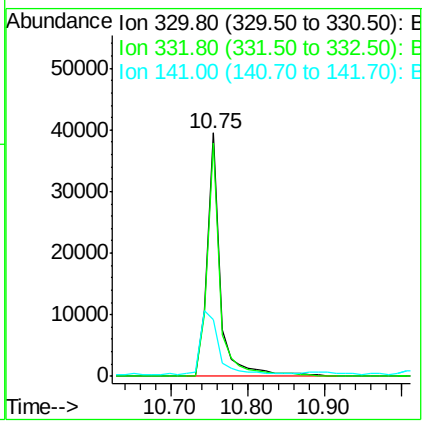


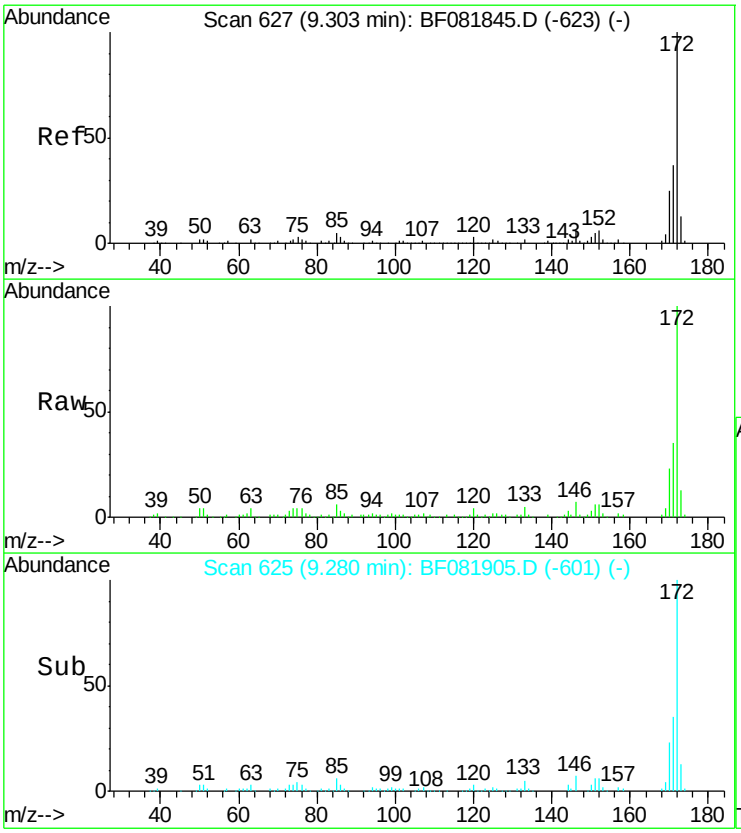
#41
2,4,6-Tribromophenol
Concen: 26.93 ng
RT: 10.75 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:330 Resp: 46849

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	114.8
141	35.3	29.7	44.5

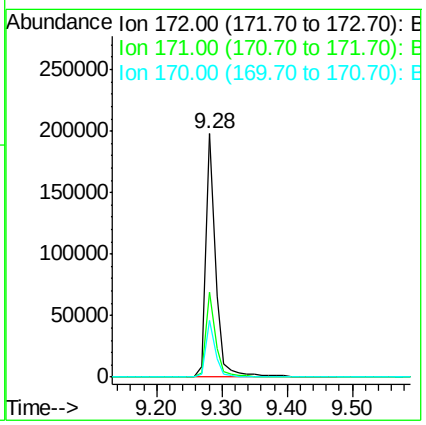


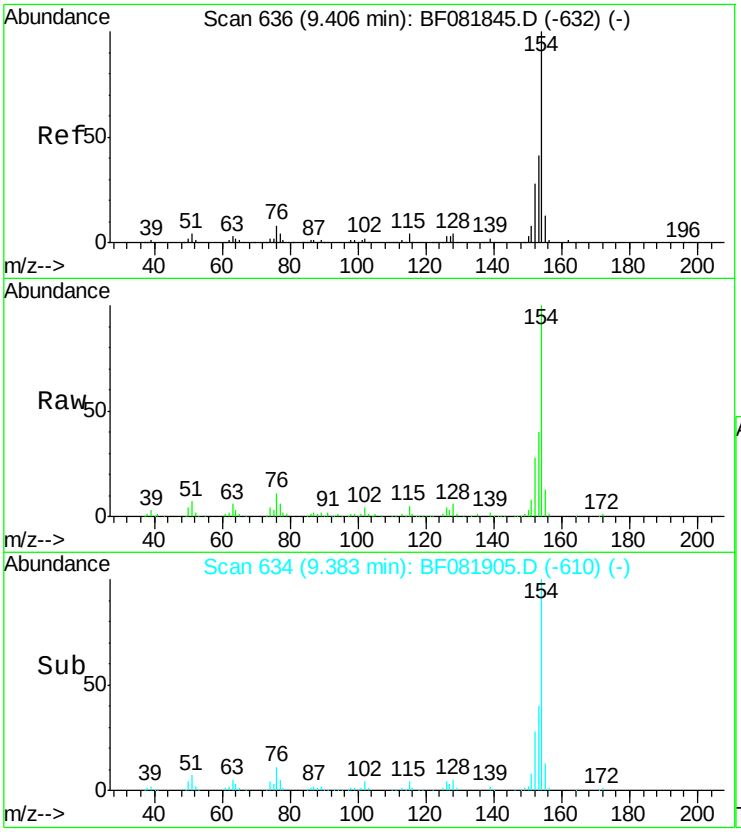


#44
2-Fluorobiphenyl
Concen: 16.91 ng
RT: 9.28 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:172 Resp: 208574

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.1	39.1
170	23.5	17.4	26.2



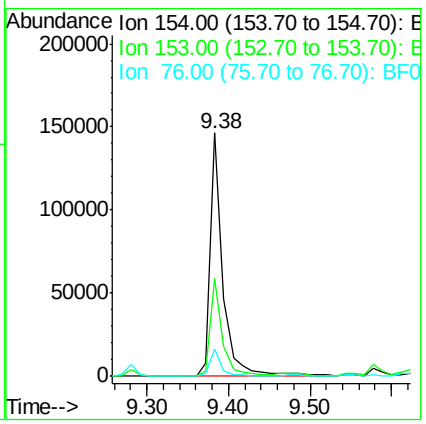


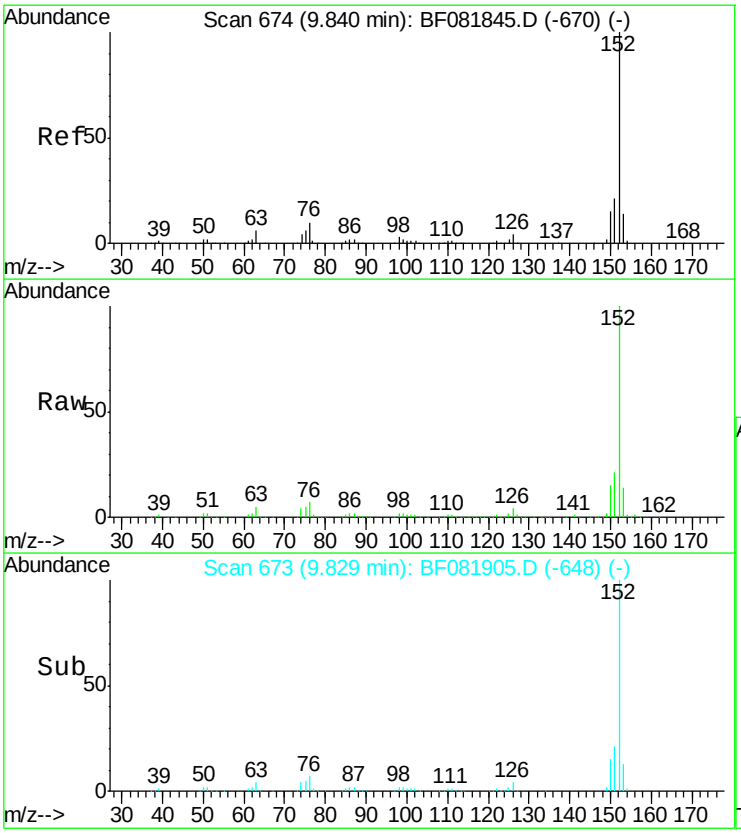
#45
1,1'-Biphenyl
Concen: 12.10 ng
RT: 9.38 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:154 Resp: 160293

Ion	Ratio	Lower	Upper
154	100		
153	40.2	17.1	57.1
76	11.2	0.0	31.6

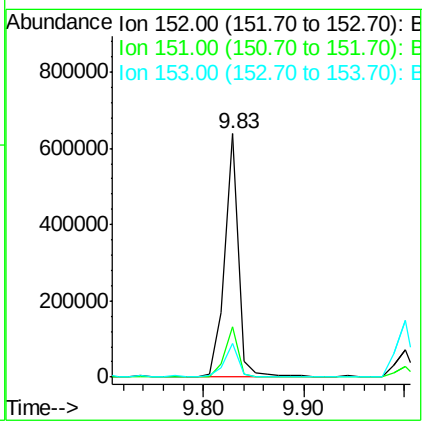


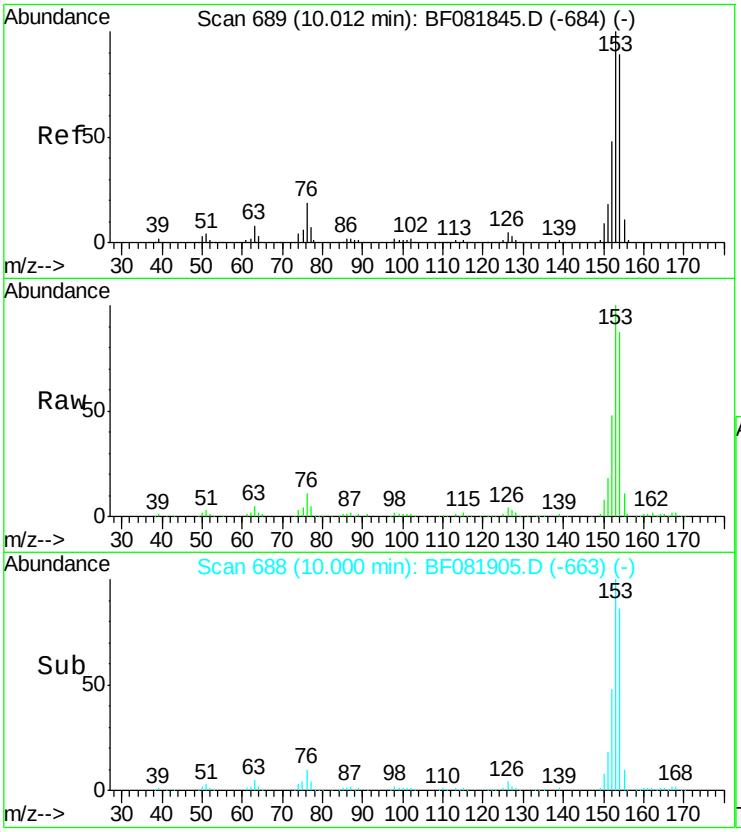


#48
Acenaphthylene
Concen: 36.57 ng
RT: 9.83 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:152 Resp: 609051

Ion	Ratio	Lower	Upper
152	100		
151	20.9	14.6	22.0
153	13.7	10.3	15.5



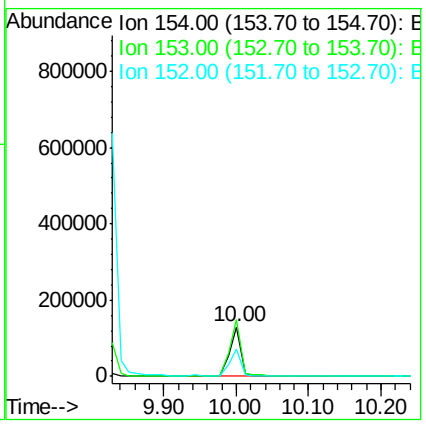


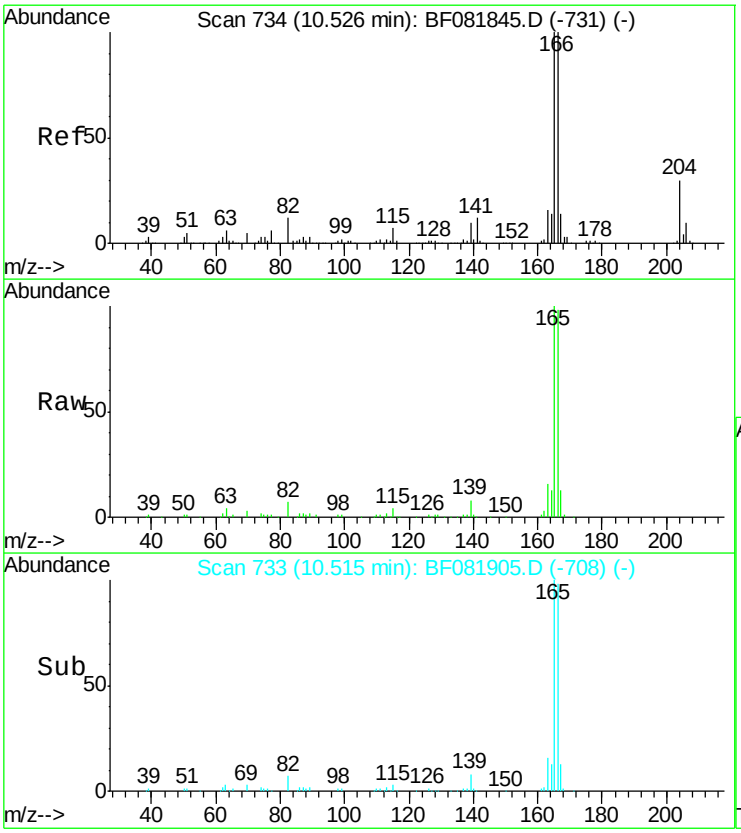
#51
Acenaphthene
Concen: 14.21 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:154 Resp: 140544

Ion	Ratio	Lower	Upper
154	100		
153	115.2	82.1	123.1
152	55.3	37.9	56.9

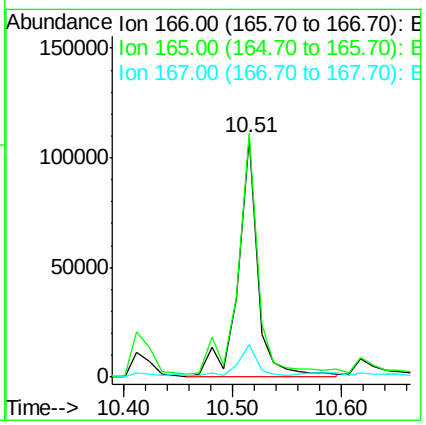


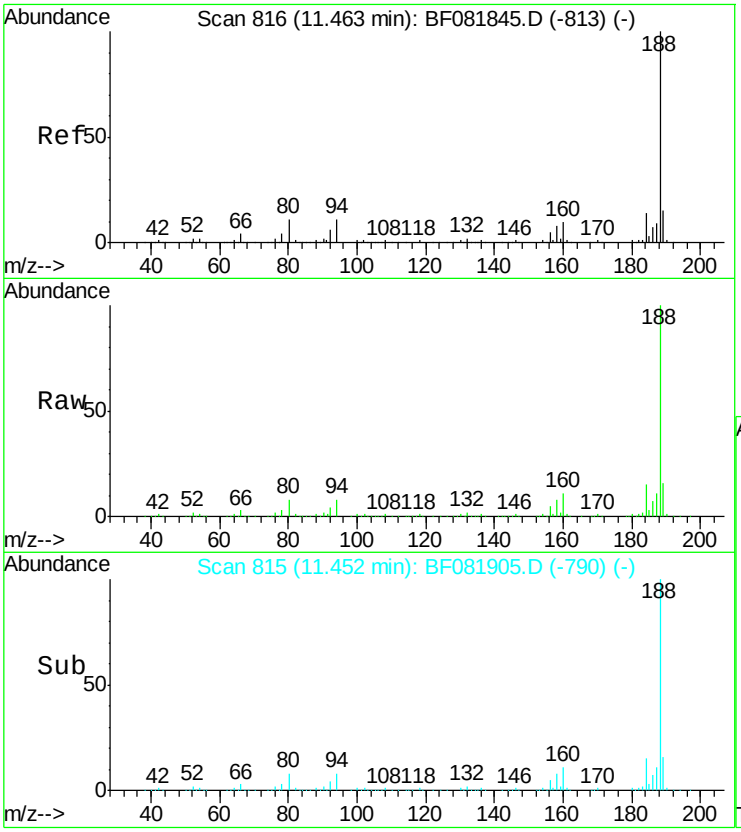


#57
Fluorene
Concen: 11.95 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:166 Resp: 135152

Ion	Ratio	Lower	Upper
166	100		
165	101.8	72.6	109.0
167	13.6	10.6	16.0



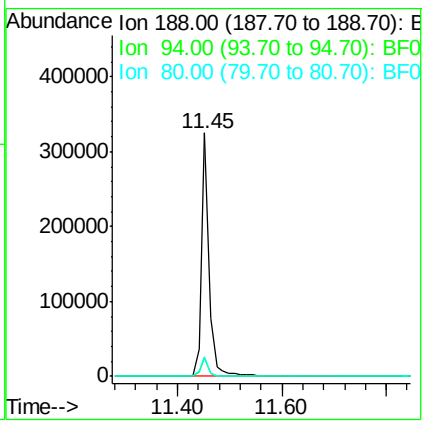


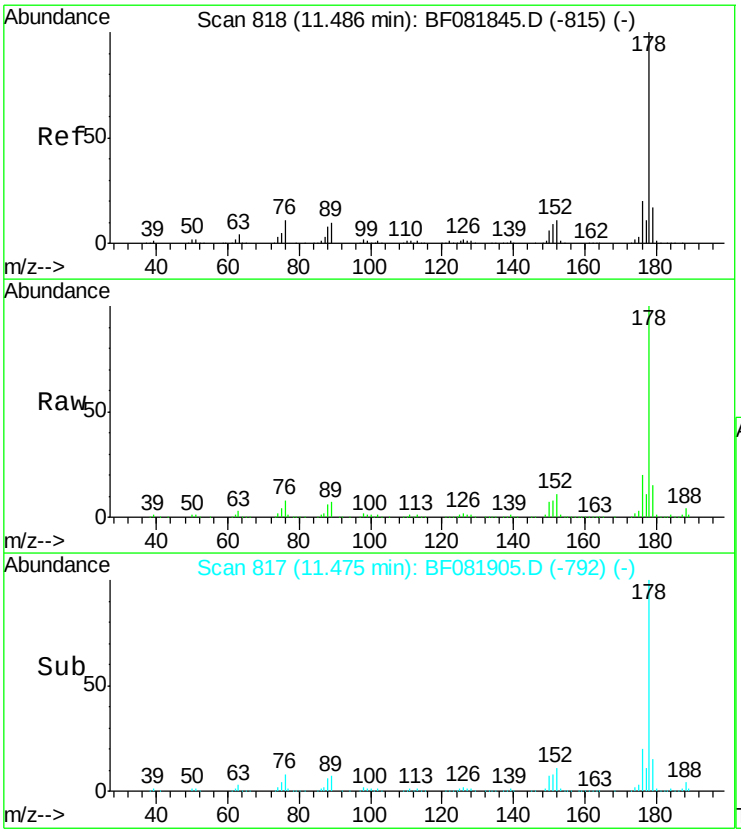
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:188 Resp: 331713

Ion	Ratio	Lower	Upper
188	100		
94	7.6	11.1	16.7#
80	8.2	11.0	16.4#

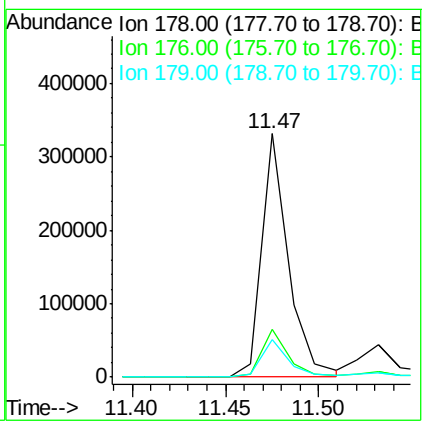


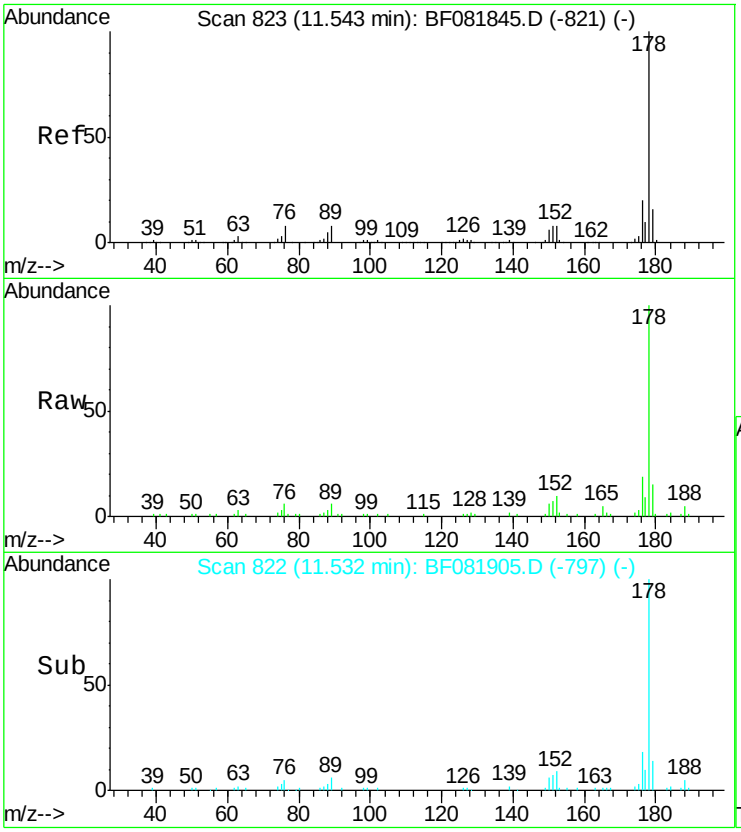


#70
Phenanthrene
Concen: 19.56 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:178 Resp: 327278

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	15.3	12.2	18.2



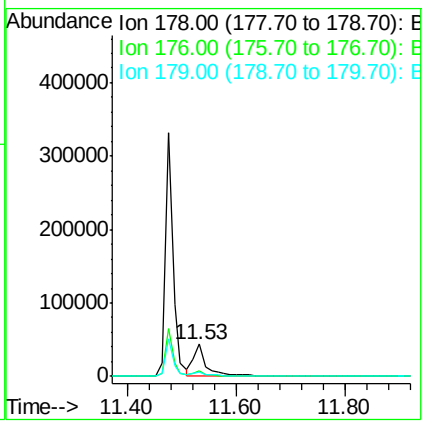


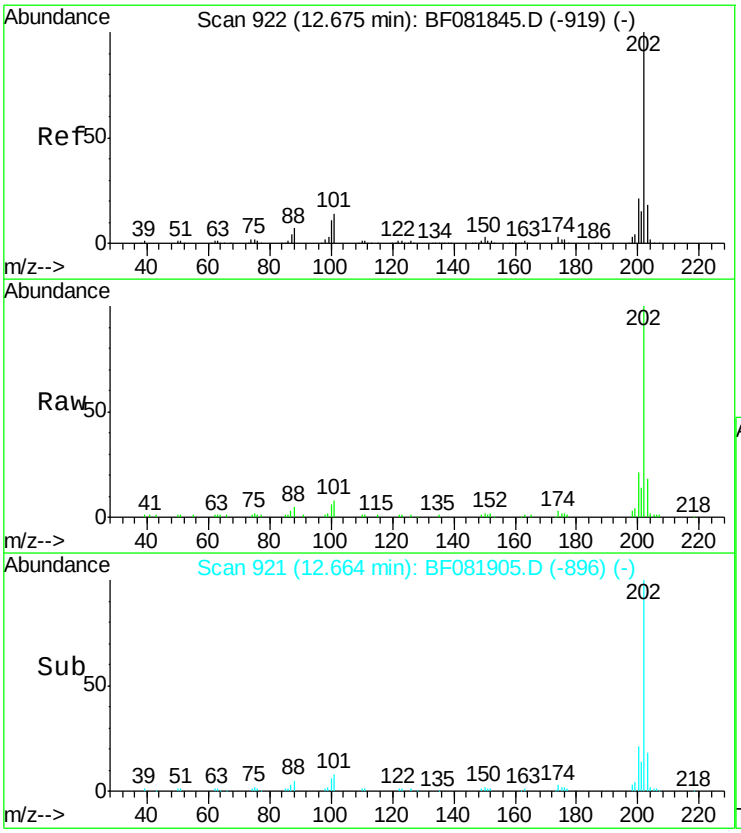
#71
Anthracene
Concen: 4.47 ng
RT: 11.53 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:178 Resp: 75427

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.1	21.1
179	15.1	12.2	18.2

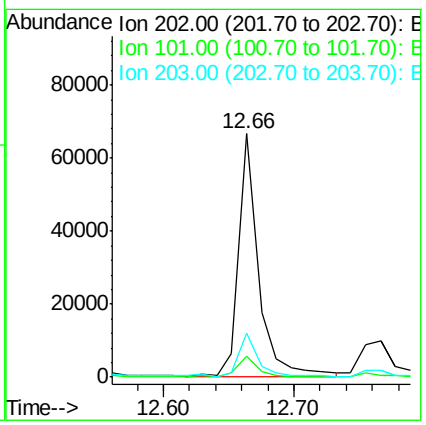


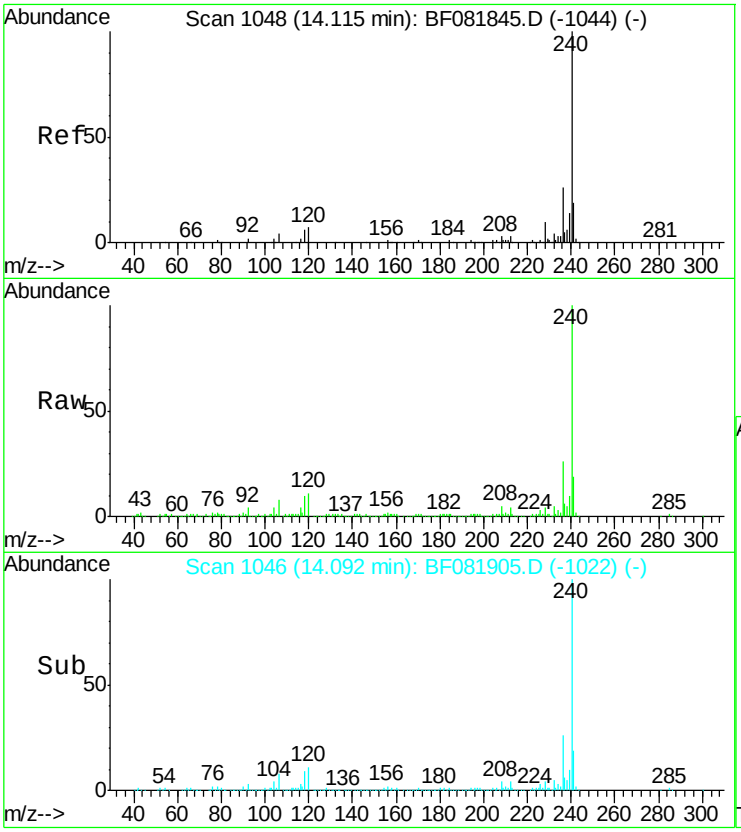


#74
Fluoranthene
Concen: 4.00 ng
RT: 12.66 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:202 Resp: 71034

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	38.3
203	17.8	0.0	37.3



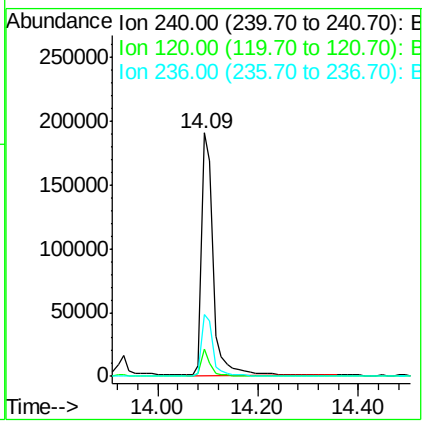


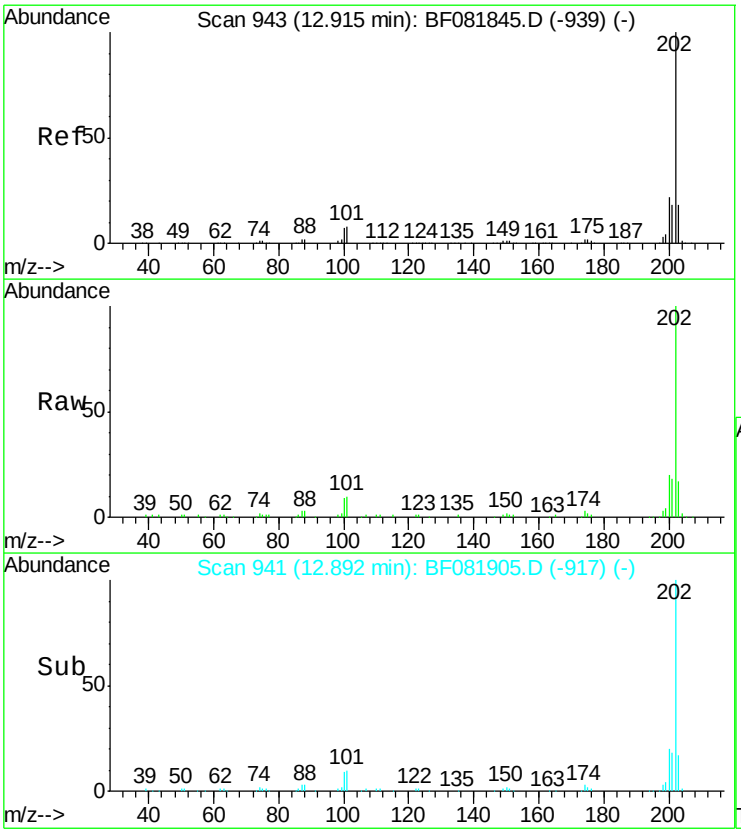
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:240 Resp: 308274

Ion	Ratio	Lower	Upper
240	100		
120	11.2	16.2	24.2#
236	25.5	18.4	27.6

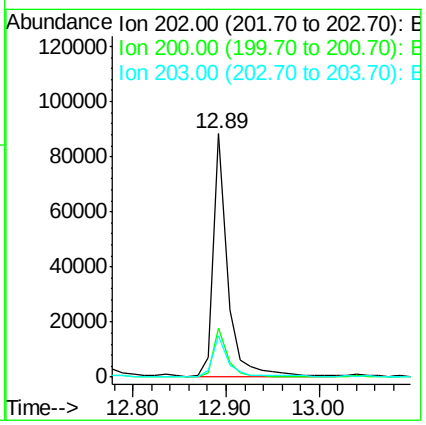


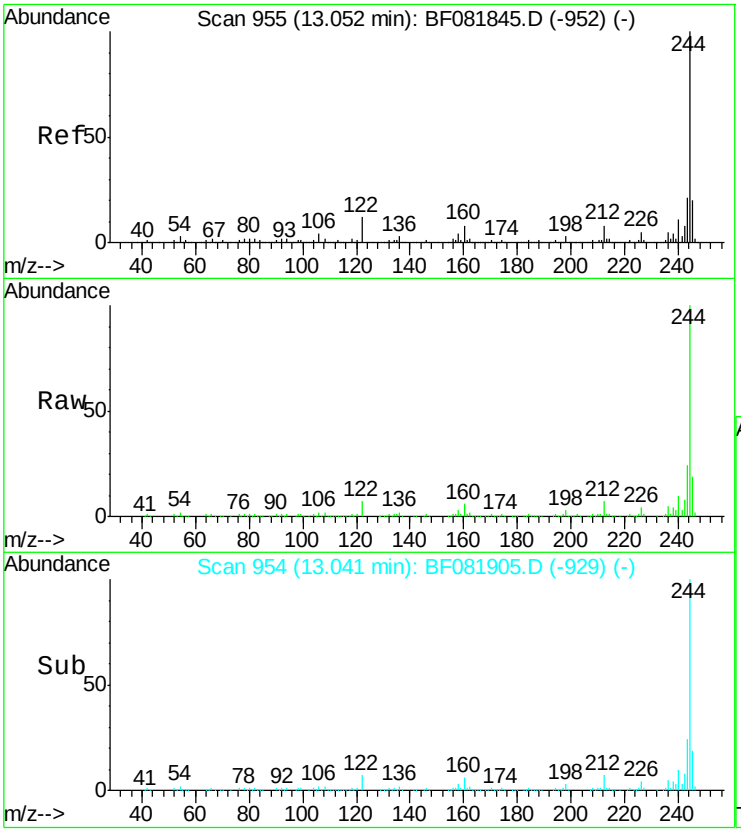


#77
Pyrene
Concen: 5.03 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:202 Resp: 92609

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	17.0	14.1	21.1



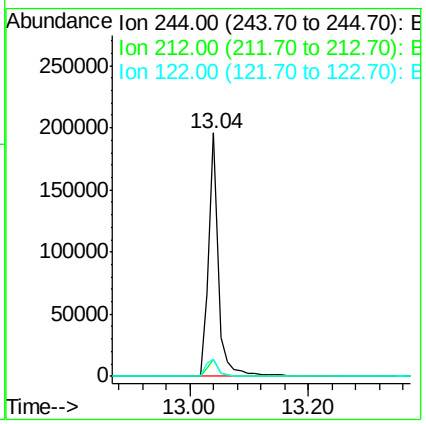


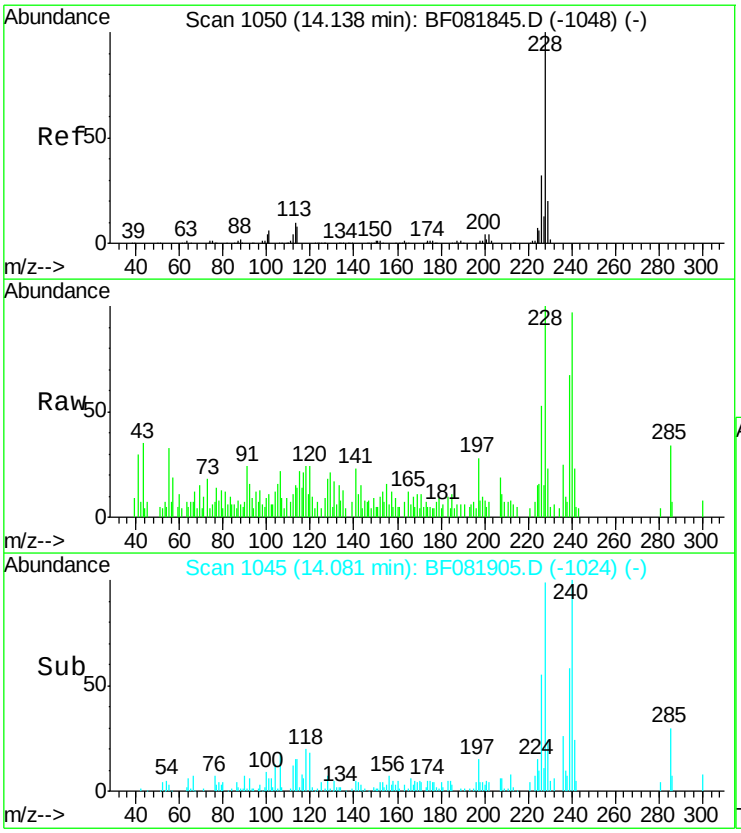
#78
Terphenyl-d14
Concen: 18.18 ng
RT: 13.04 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:244 Resp: 225346

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	7.1	17.4	26.2#

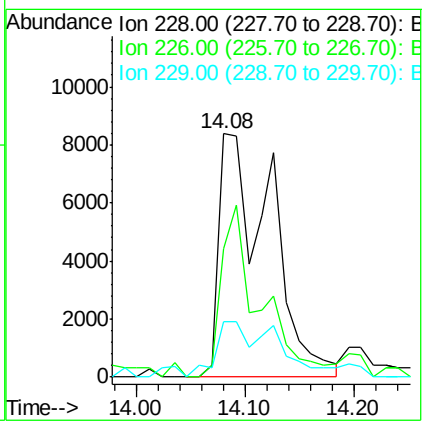


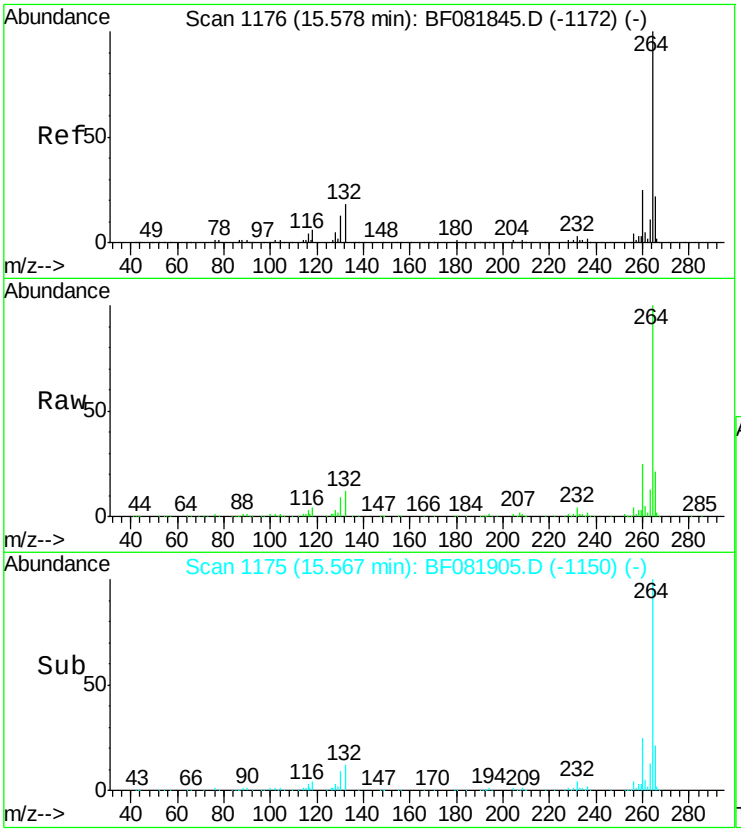


#82
Chrysene
Concen: 2.14 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Tgt Ion:228 Resp: 27432

Ion	Ratio	Lower	Upper
228	100		
226	52.7	21.0	31.4#
229	22.9	15.6	23.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081905.D
Acq: 30 Sep 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL

Tgt Ion:264 Resp: 249159

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.0	17.2	25.8