Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081922.D
Acq On : 1 Oct 2015 1:23
Operator : UM/IZ
Sample : G3846-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 009-TB-8(0-4)

Quant Time: Oct 01 03:56:52 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	7.06	152	151978	20.00	ng		0.13
21) Naphthalene-d8	8.19	136	479246	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	208250	20.00	ng		-0.03
63) Phenanthrene-d10	11.44	188	329652	20.00	ng		-0.02
75) Chrysene-d12	14.08	240	291002	20.00	ng		-0.03
86) Perylene-d12	15.54	264	266626	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	275619	32.92	ng		-0.02
7) Phenol-d6	6.53	99	398523	37.83	ng		-0.03
23) Nitrobenzene-d5	7.46	82	226433	31.50	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	79063	37.49	ng		-0.03
44) 2-Fluorobiphenyl	9.27	172	472747	33.59	ng		-0.03
78) Terphenyl-d14	13.02	244	311443	28.28	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	27447	4.29	ng	#	62
32) Benzoic acid	7.98	122	1062	7.57	ng	#	70
49) Dimethylphthalate	9.66	163	117740	8.19	ng	#	98
51) Acenaphthene	9.98	154	30520	2.55	ng		91
55) 4-Nitrophenol	10.15	139	11490	4.40	ng	#	35
70) Phenanthrene	11.46	178	646840	40.61	ng		97
71) Anthracene	11.51	178	196899	11.75	ng		98
72) Carbazole	11.67	167	114340	7.54	ng		96
73) Di-n-butylphthalate	12.00	149	437857	27.84	ng	#	99
74) Fluoranthene	12.65	202	1195917	67.72	ng		90
77) Pyrene	12.65	202	1195917	68.79	ng		95
79) Butylbenzylphthalate	13.50	149	512475	78.34	ng	#	85
80) Benzo(a)anthracene	14.07	228	739507	47.19	ng		92
82) Chrysene	14.10	228	533266	35.12	ng		92
83) Bis(2-ethylhexyl)phthalate	14.06	149	360375	43.92	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.00	276	320773	26.17	ng	#	82
87) Benzo(b)fluoranthene	15.12	252	1165089	76.54	ng	#	87
88) Benzo(k)fluoranthene	15.12	252	1165089	83.51	ng	#	87
89) Benzo(a)pyrene	15.49	252	556719	42.16	ng	#	84
90) Dibenzo(a,h)anthracene	17.00	278	70747	6.39	ng	#	81
91) Benzo(g,h,i)perylene	17.43	276	285006	25.10	ng	#	76

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081922.D
Acq On : 1 Oct 2015 1:23
Operator : UM/IZ
Sample : G3846-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Quant Time: Oct 01 03:56:52 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
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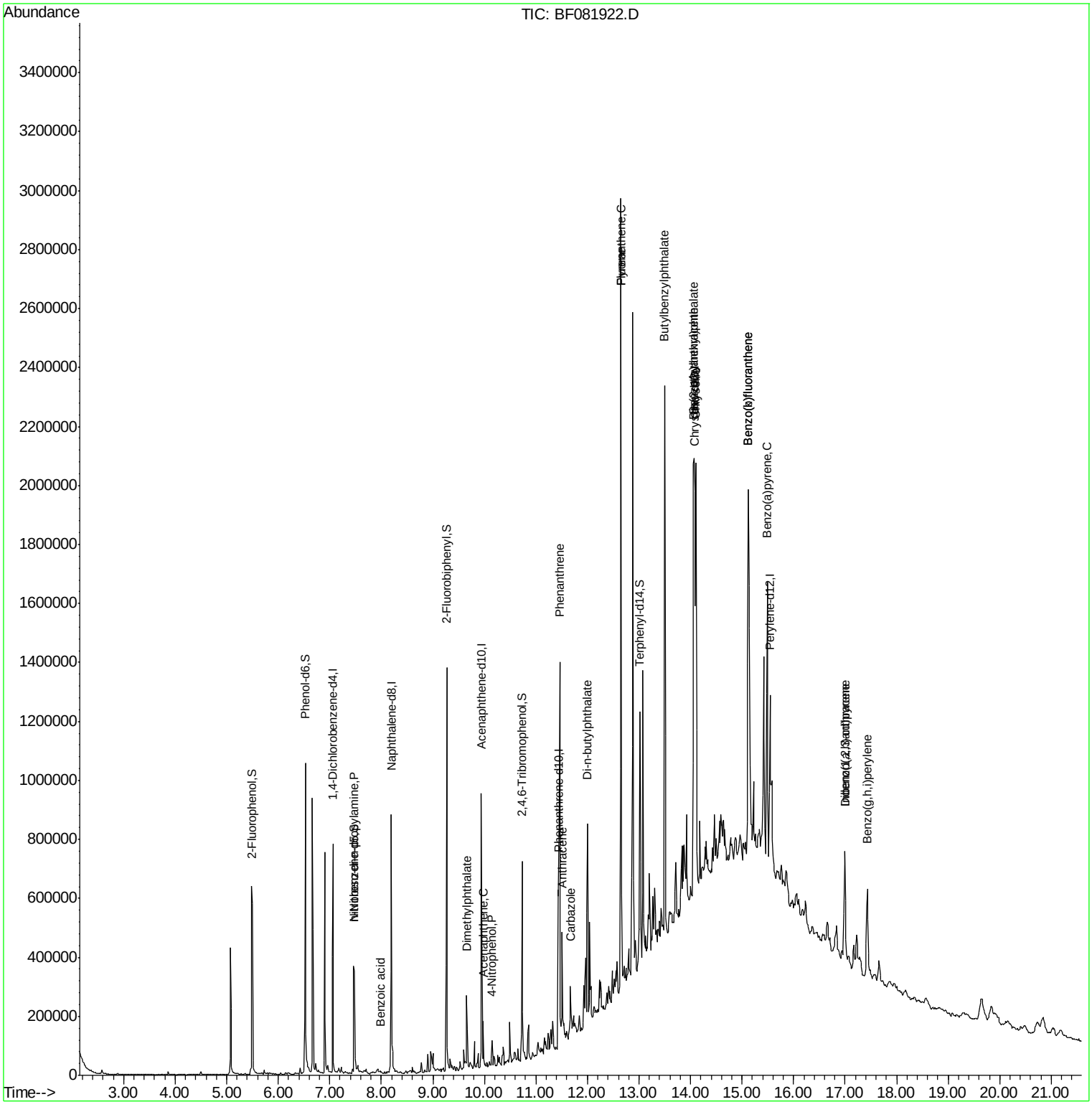
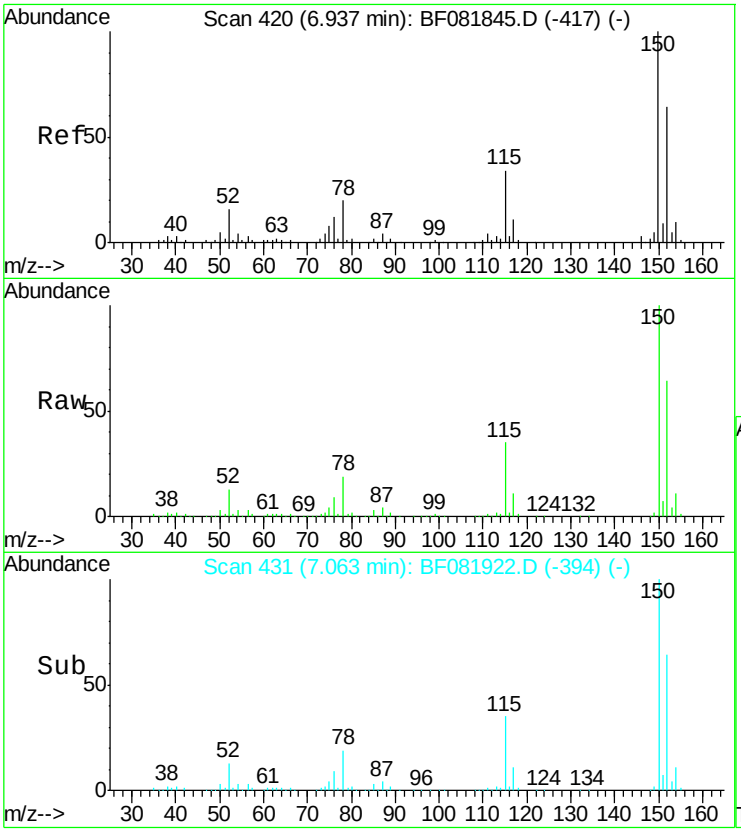


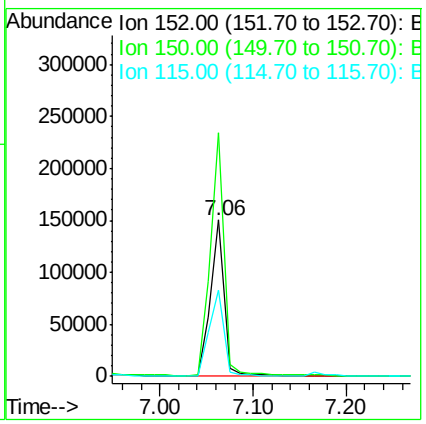


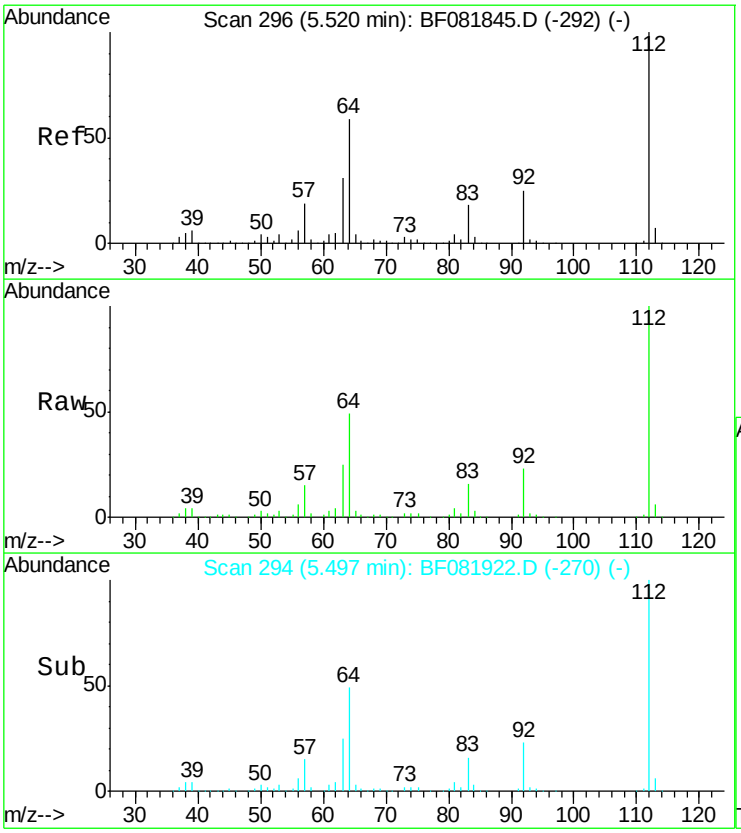
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 431
Delta R.T. 0.13 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:152 Resp: 151978

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	55.2	39.0	58.4

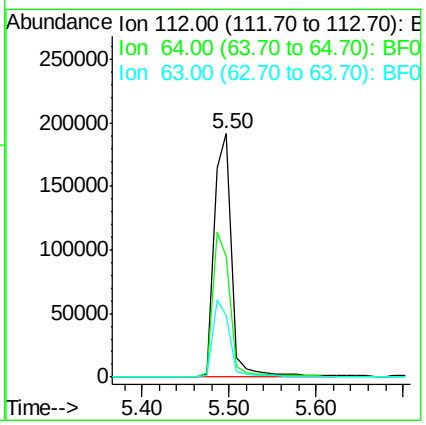


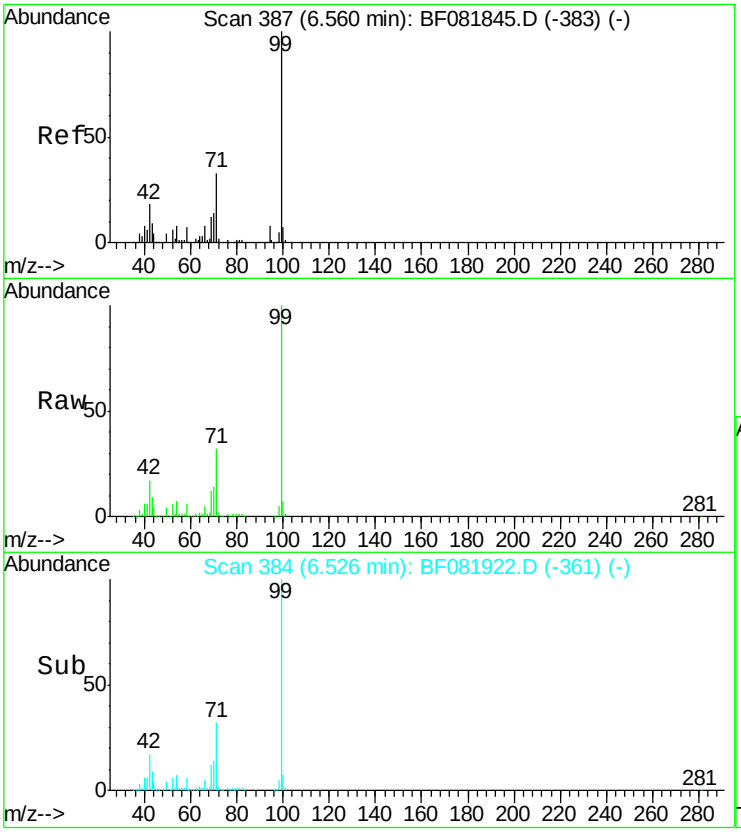


#5
2-Fluorophenol
Concen: 32.92 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:112 Resp: 275619

Ion	Ratio	Lower	Upper
112	100		
64	49.4	39.7	59.5
63	25.2	17.4	26.0



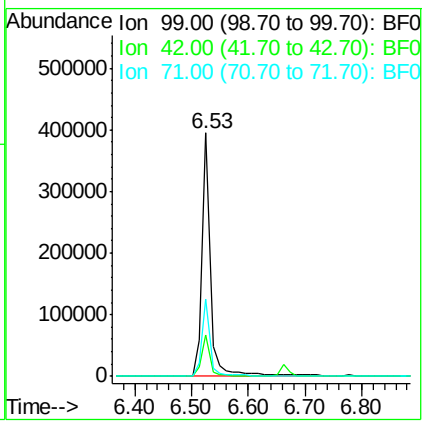


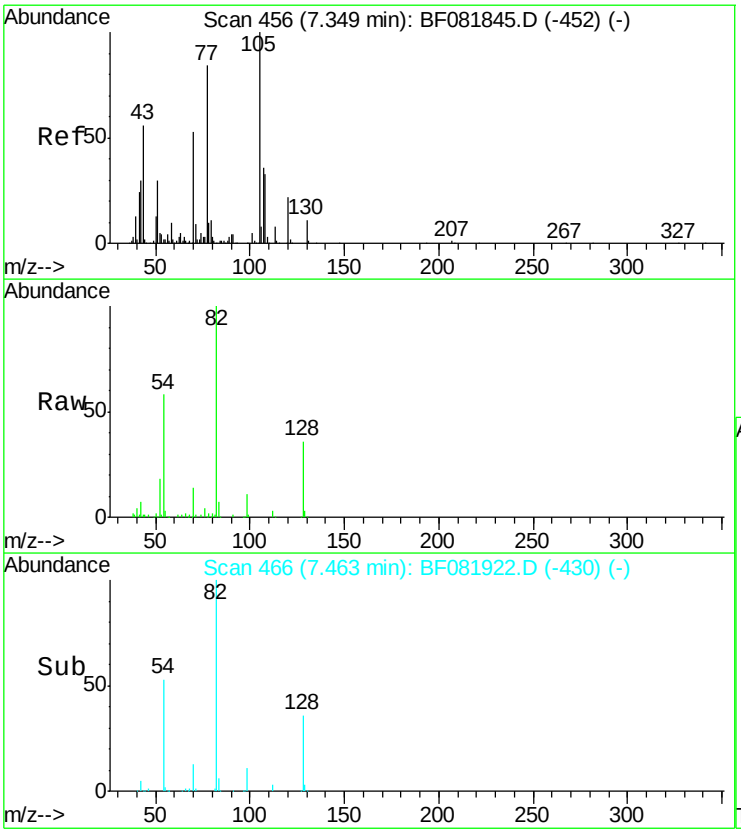
#7
Phenol-d6
Concen: 37.83 ng
RT: 6.53 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion: 99 Resp: 398523

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	31.9	14.2	21.2#

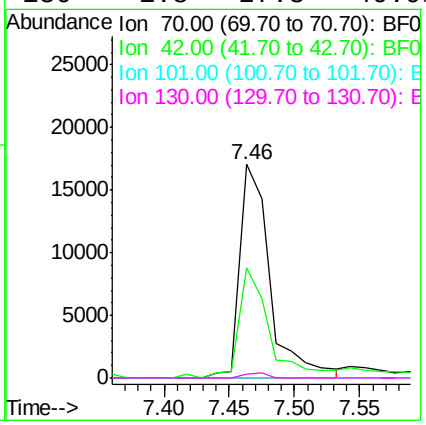


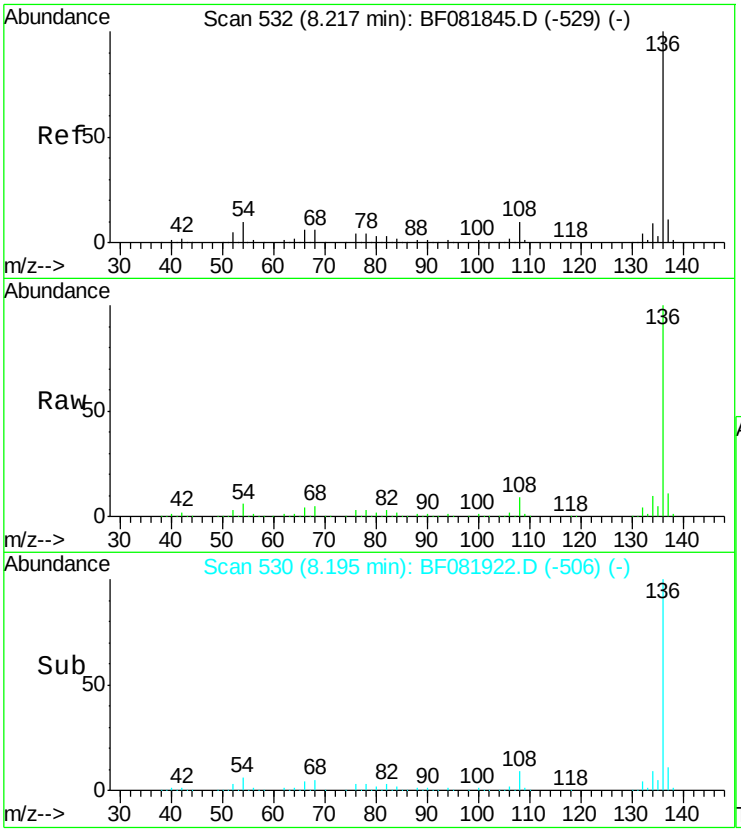


#19
n-Nitroso-di-n-propylamine
Concen: 4.29 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion: 70 Resp: 27447

Ion	Ratio	Lower	Upper
70	100		
42	51.5	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#



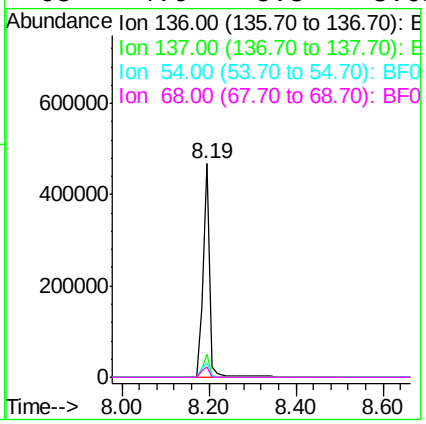


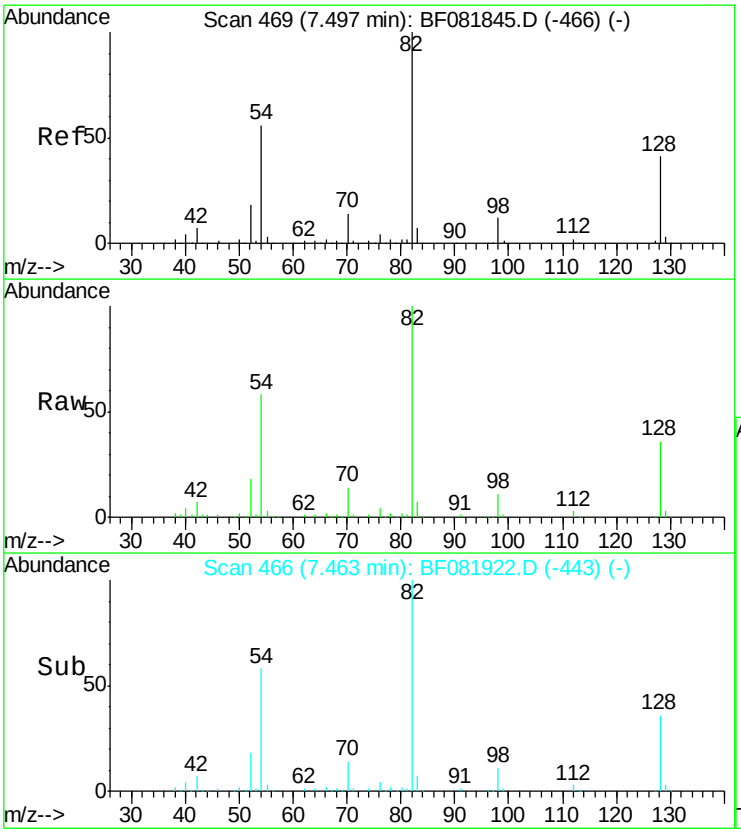
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:136 Resp: 479246

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.3	8.2	12.2#
68	4.6	5.8	8.6#

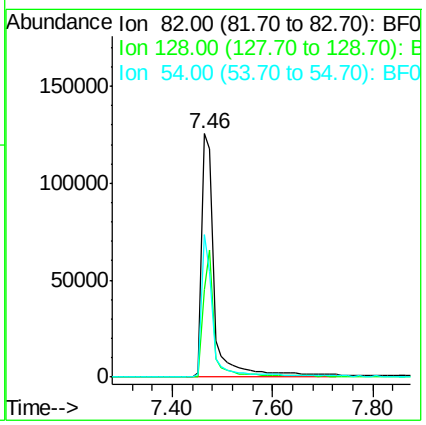


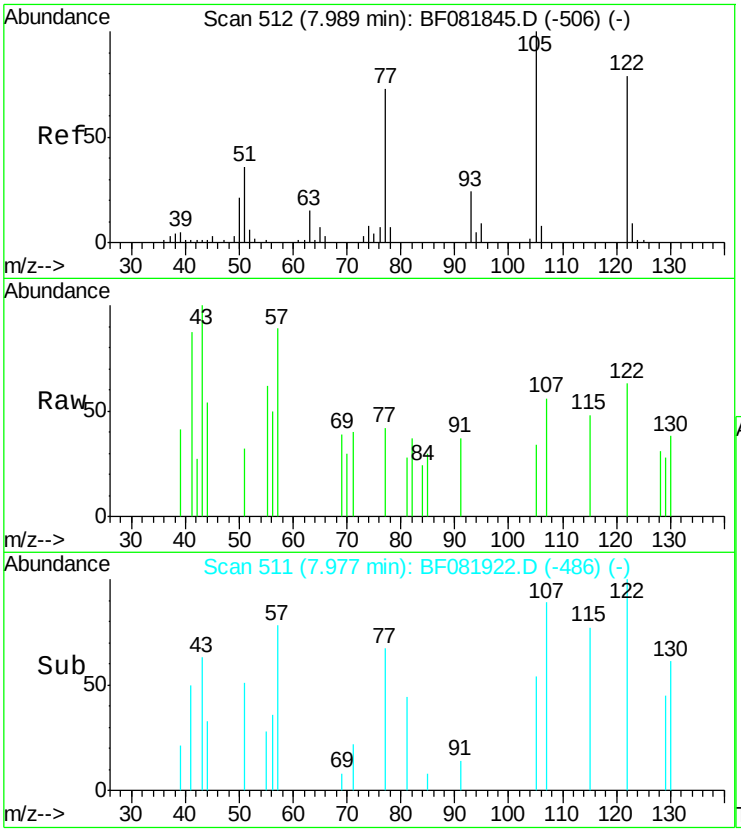


#23
Nitrobenzene-d5
Concen: 31.50 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion: 82 Resp: 226433

Ion	Ratio	Lower	Upper
82	100		
128	36.0	51.0	76.6#
54	58.4	47.5	71.3



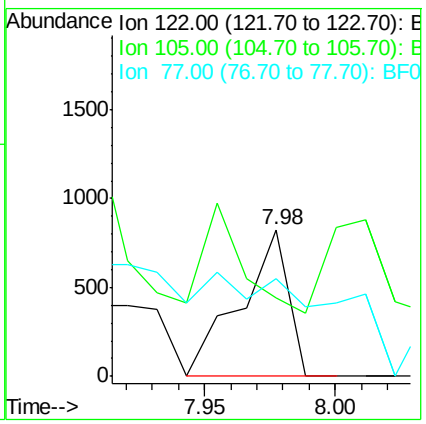


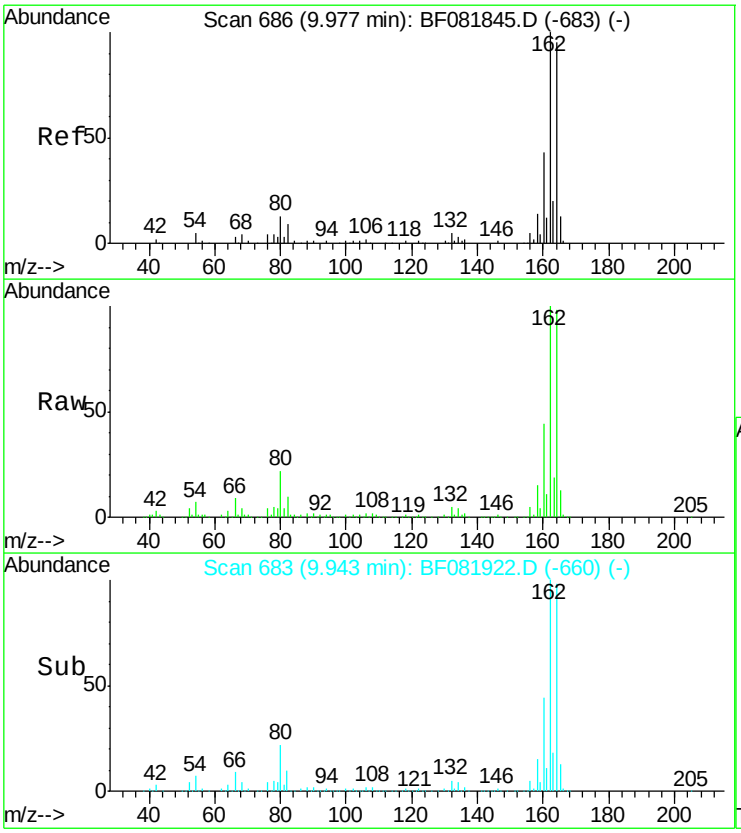
#32
Benzoic acid
Concen: 7.57 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:122 Resp: 1062

Ion	Ratio	Lower	Upper
122	100		
105	54.0	76.1	116.1#
77	66.9	40.5	80.5

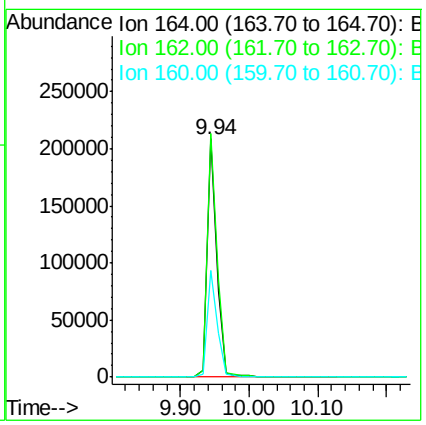


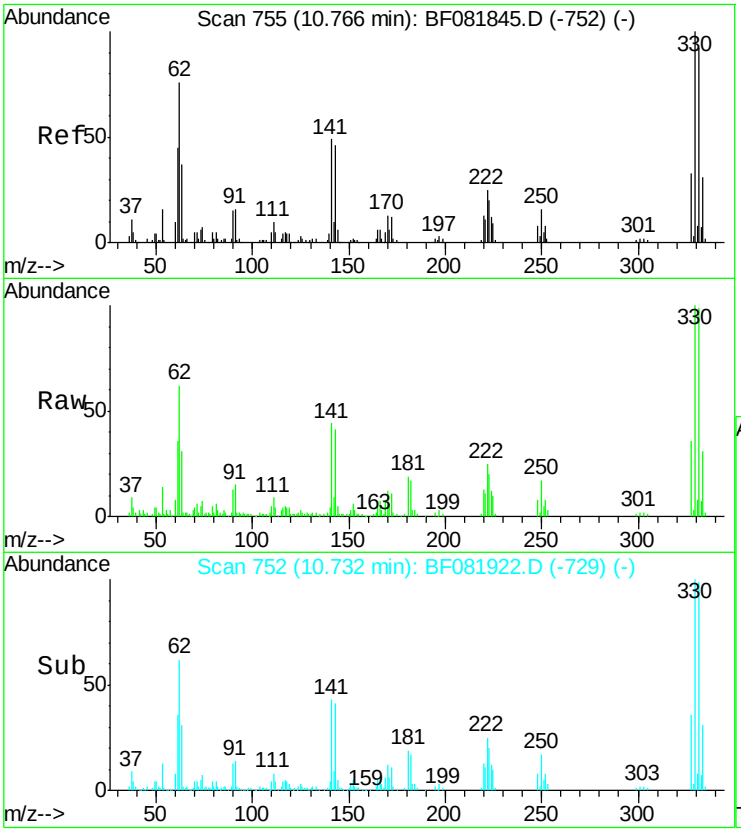


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:164 Resp: 208250

Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	44.6	31.5	47.3



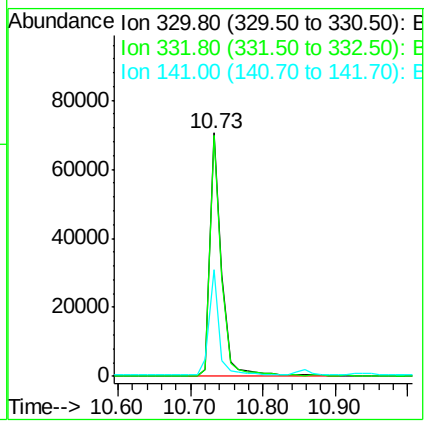


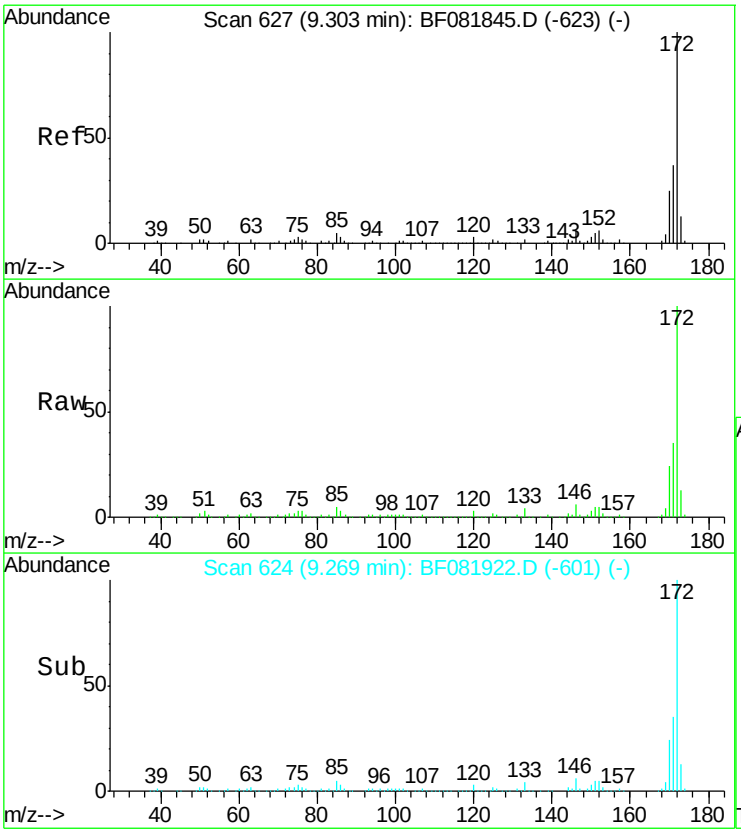
#41
2,4,6-Tribromophenol
Concen: 37.49 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:330 Resp: 79063

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	36.9	29.7	44.5

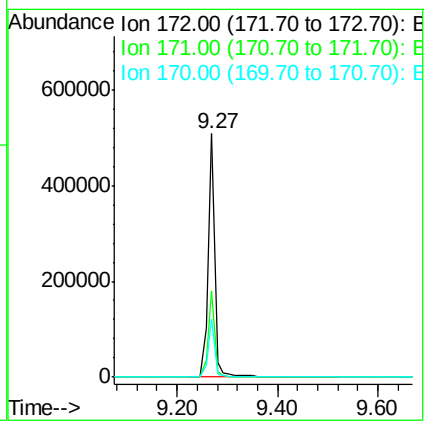


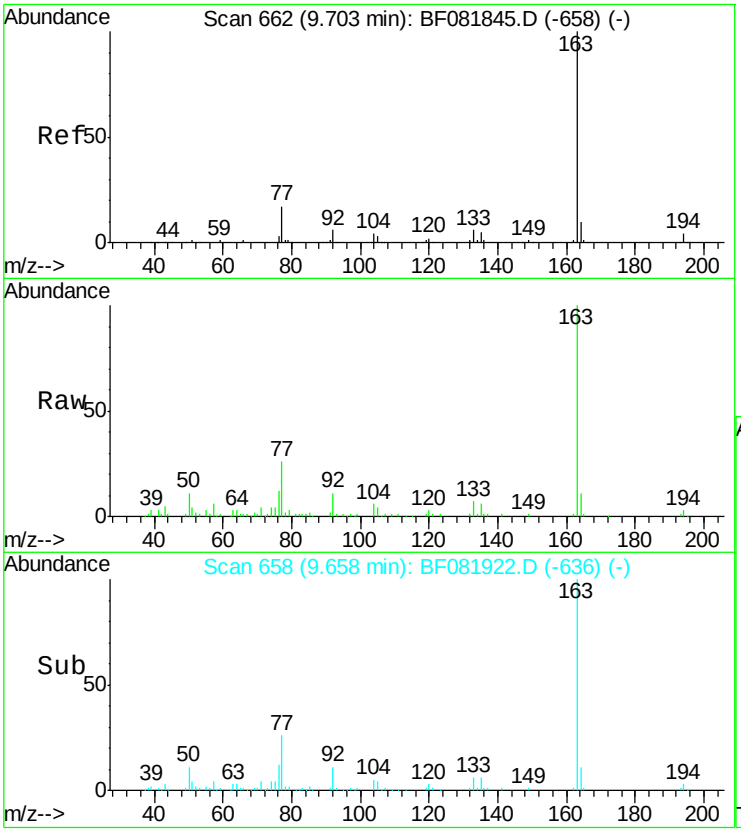


#44
2-Fluorobiphenyl
Concen: 33.59 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:172 Resp: 472747

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	23.7	17.4	26.2



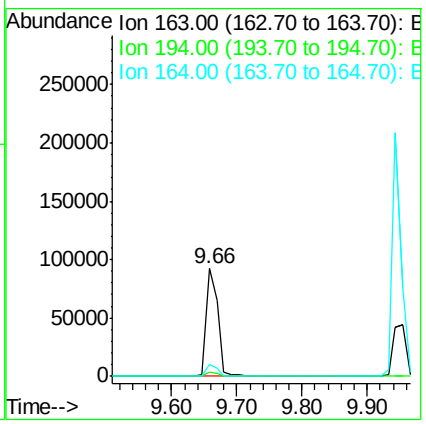


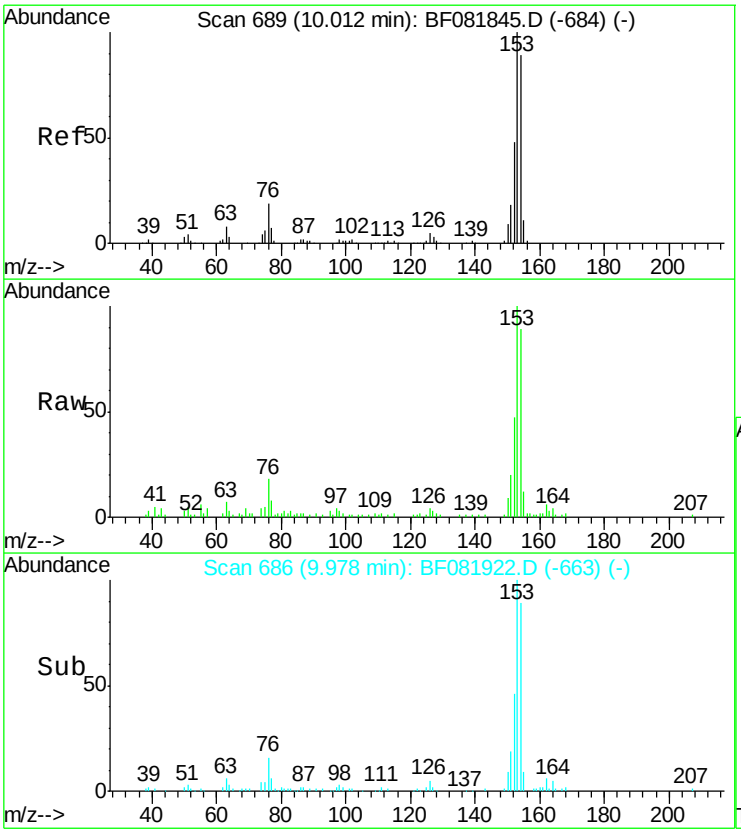
#49
Dimethylphthalate
Concen: 8.19 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:163 Resp: 117740

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.6	8.3	12.5

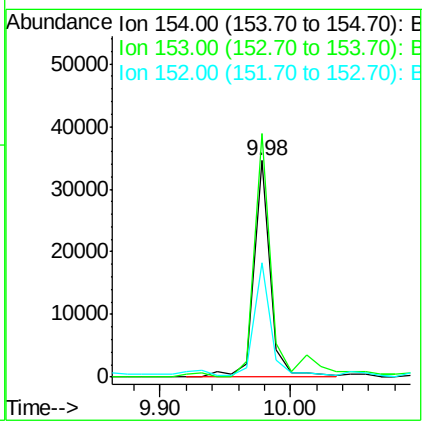


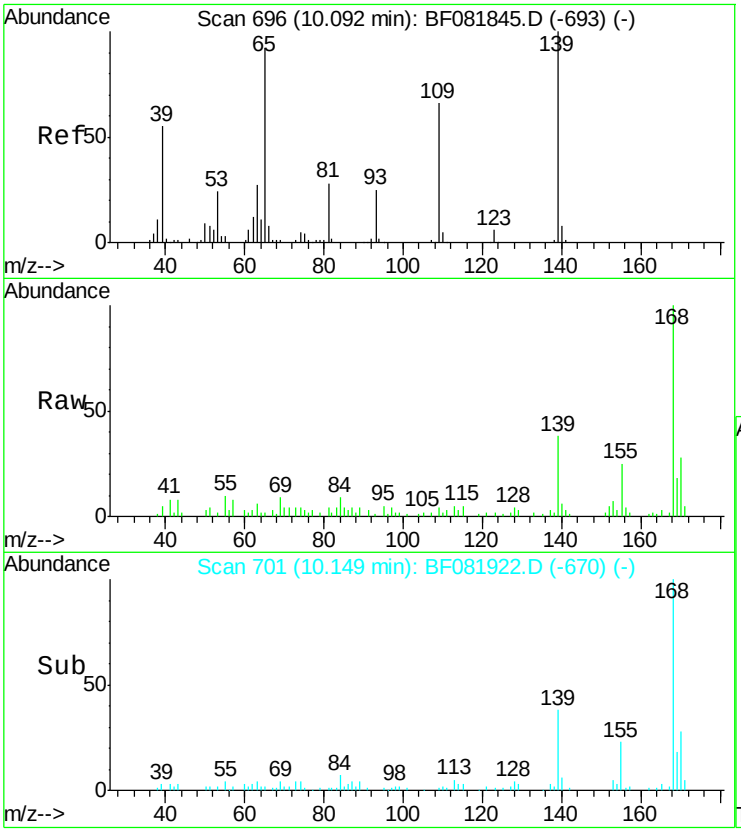


#51
Acenaphthene
Concen: 2.55 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:154 Resp: 30520

Ion	Ratio	Lower	Upper
154	100		
153	112.6	82.1	123.1
152	52.8	37.9	56.9



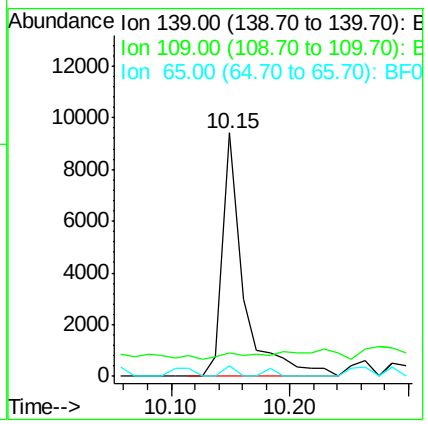


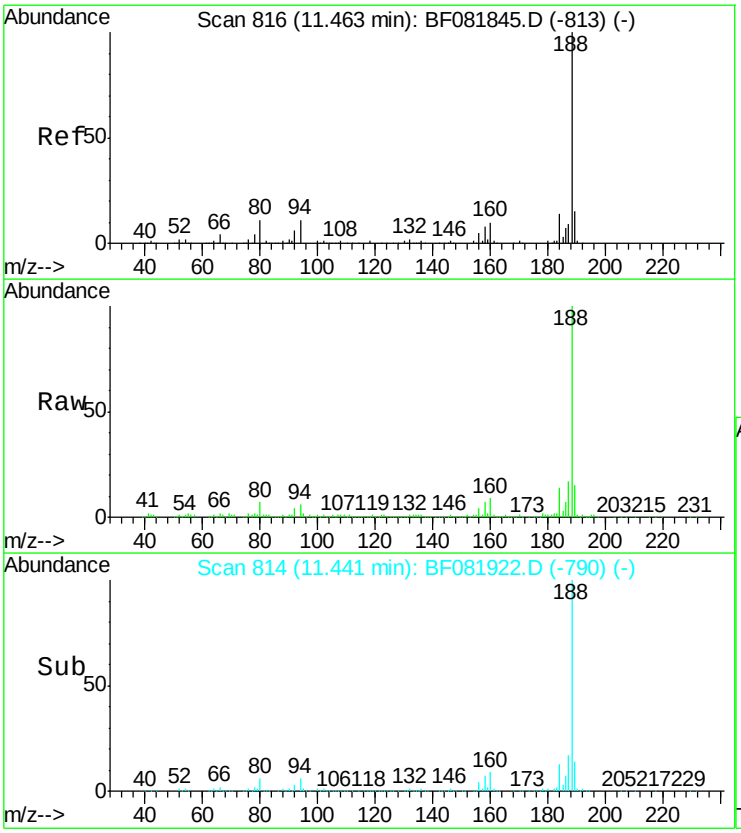
#55
4-Nitrophenol
Concen: 4.40 ng
RT: 10.15 min Scan# 701
Delta R.T. 0.06 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:139 Resp: 11490

Ion	Ratio	Lower	Upper
139	100		
109	9.7	12.7	52.7#
65	4.5	45.9	85.9#

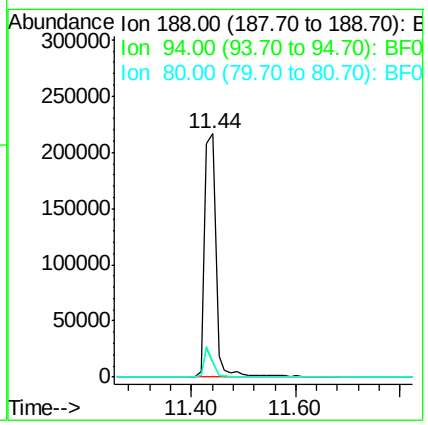


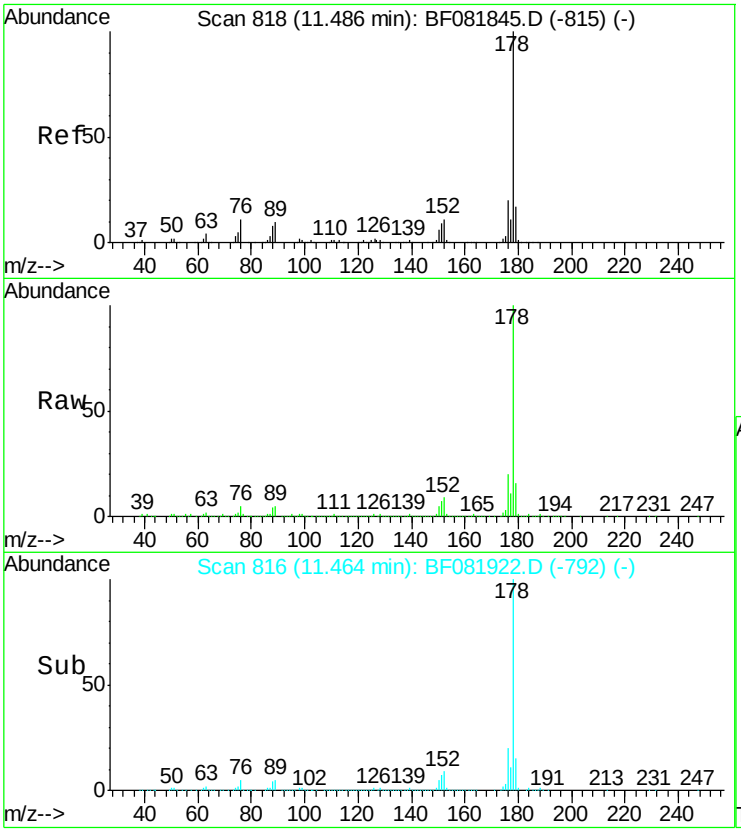


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:188 Resp: 329652

Ion	Ratio	Lower	Upper
188	100		
94	6.2	11.1	16.7#
80	6.6	11.0	16.4#



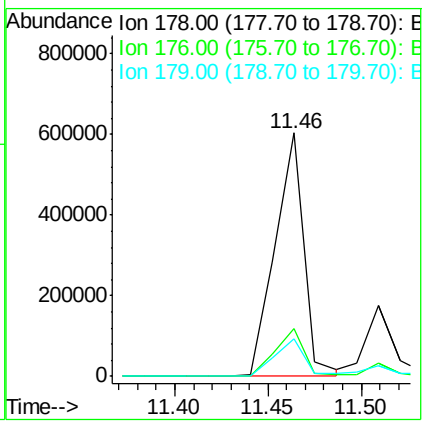


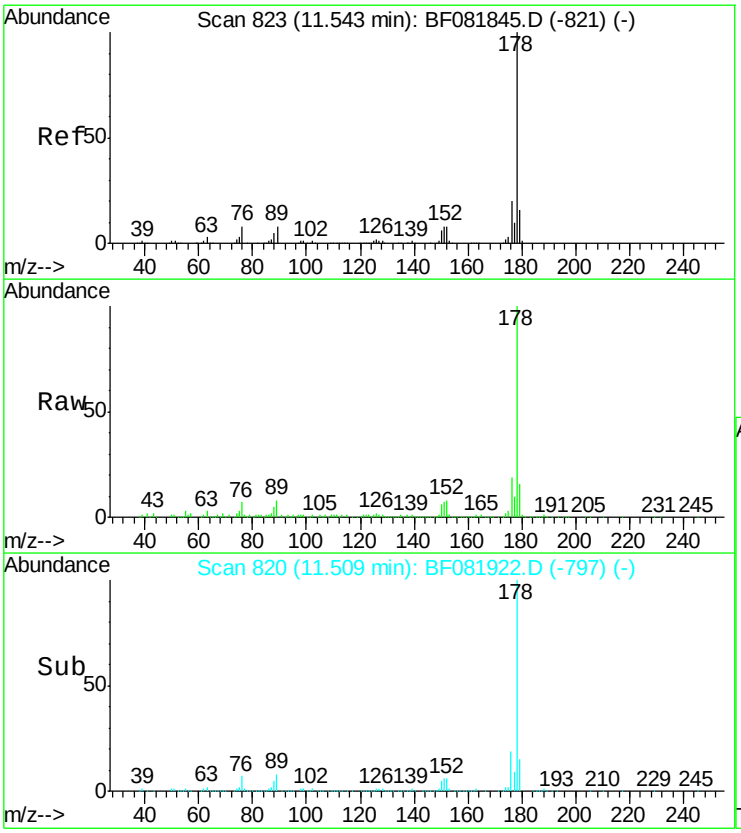
#70
Phenanthrene
Concen: 40.61 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:178 Resp: 646840

Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	15.5	12.2	18.2

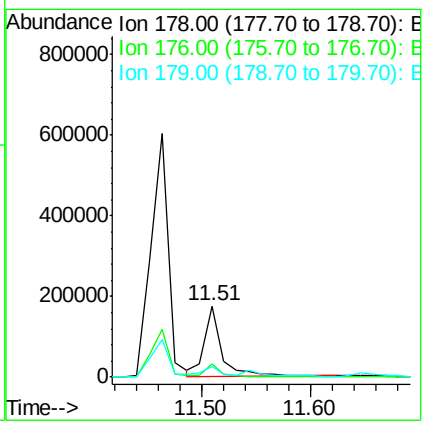


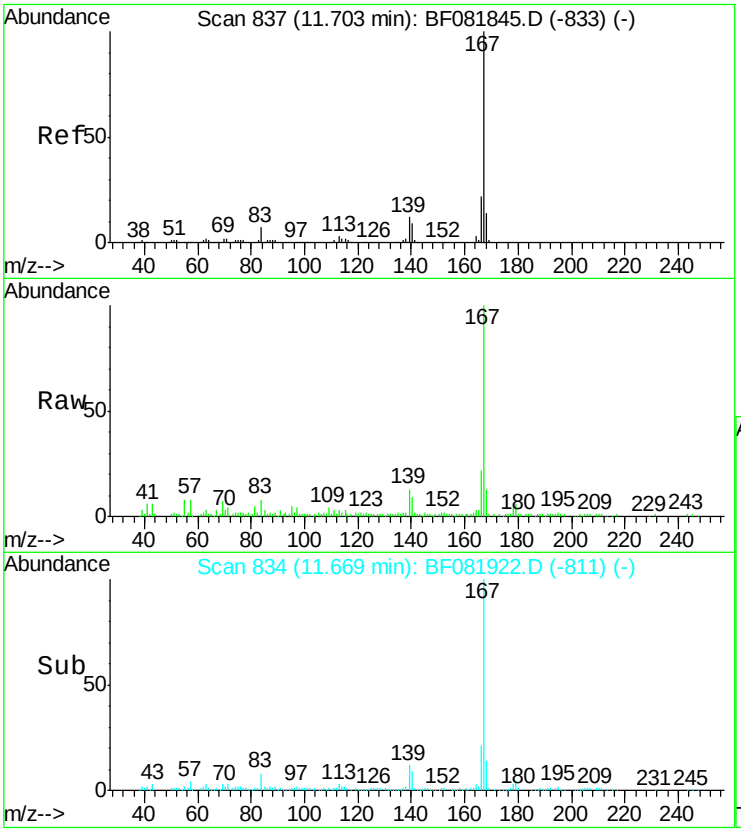


#71
Anthracene
Concen: 11.75 ng
RT: 11.51 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:178 Resp: 196899

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.7	12.2	18.2



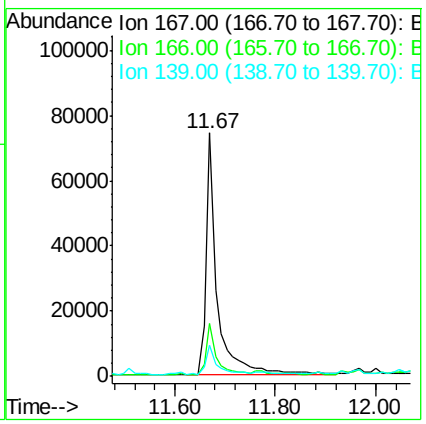


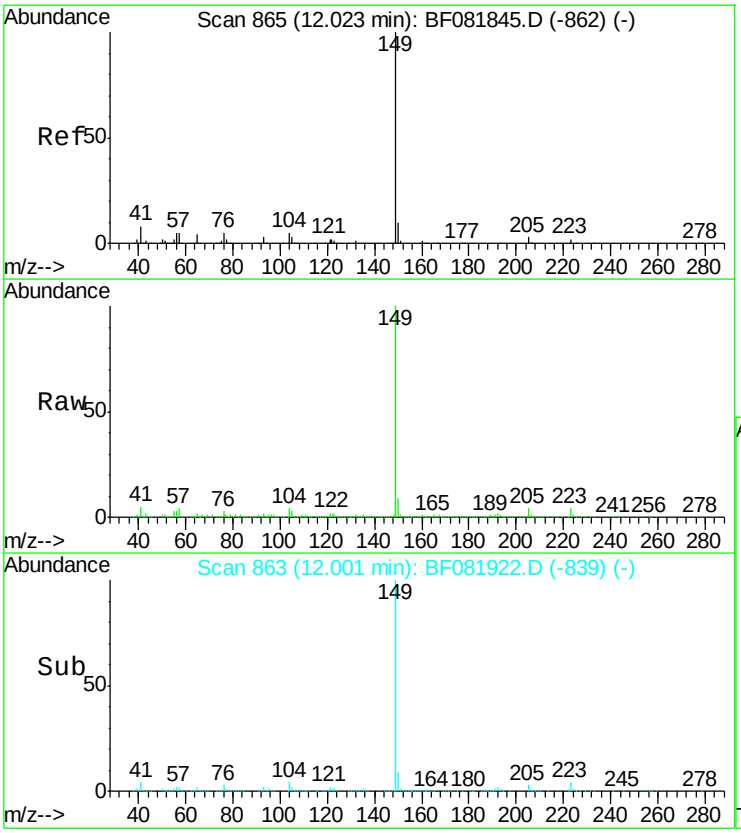
#72
Carbazole
Concen: 7.54 ng
RT: 11.67 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:167 Resp: 114340

Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	12.9	9.5	14.3

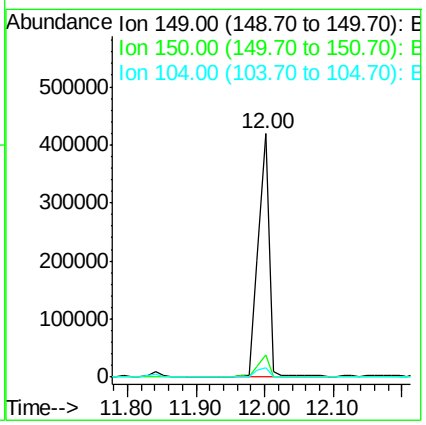


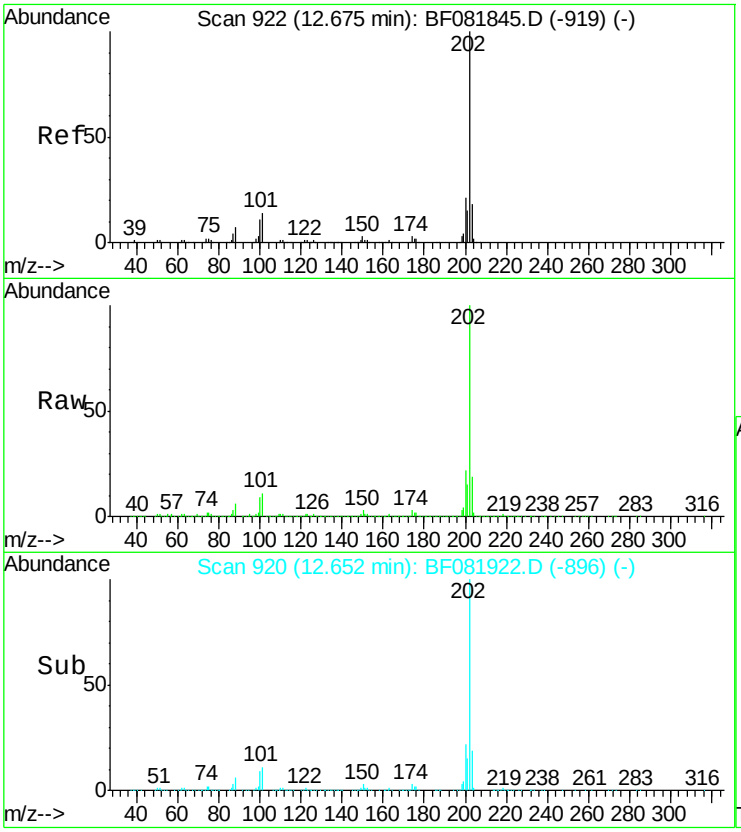


#73
Di-n-butylphthalate
Concen: 27.84 ng
RT: 12.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:149 Resp: 437857

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	3.7	2.4	3.6#



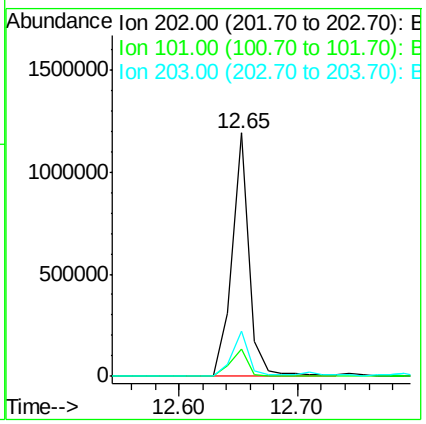


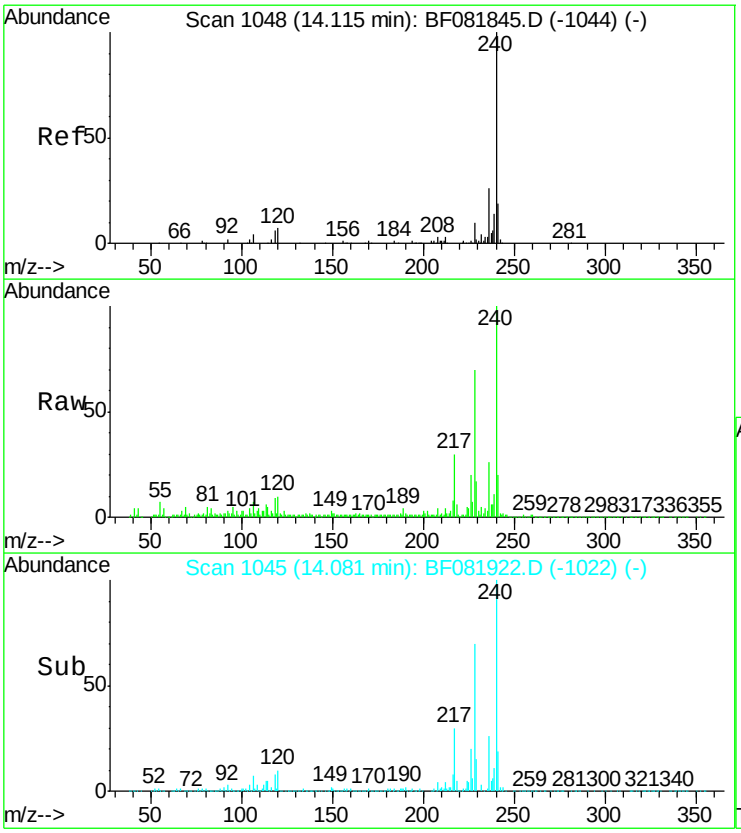
#74
Fluoranthene
Concen: 67.72 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:202 Resp: 1195917

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	38.3
203	18.7	0.0	37.3

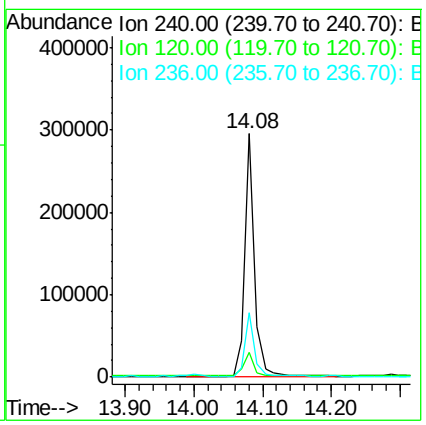


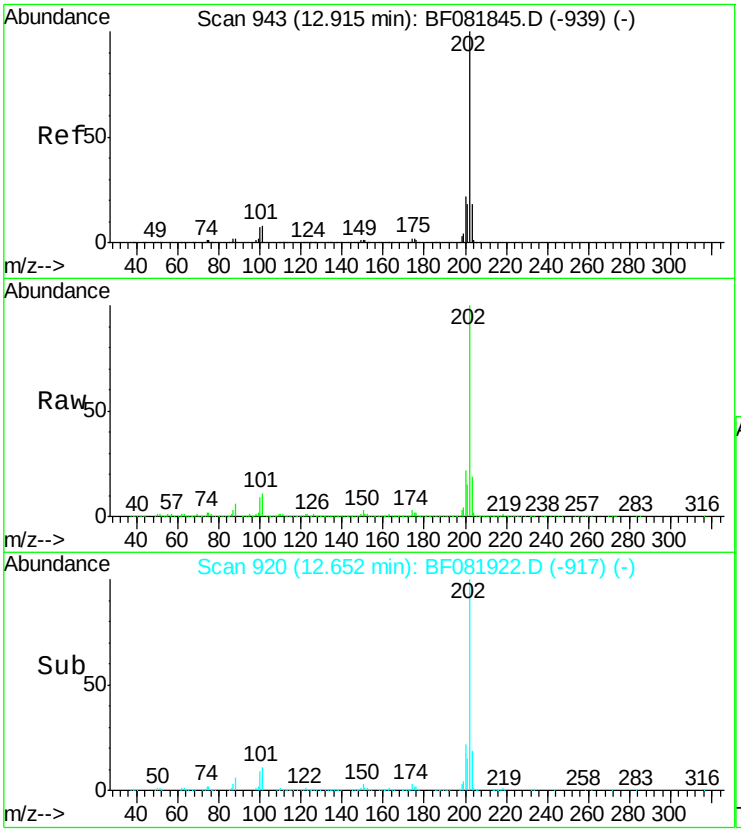


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:240 Resp: 291002

Ion	Ratio	Lower	Upper
240	100		
120	10.0	16.2	24.2#
236	26.4	18.4	27.6



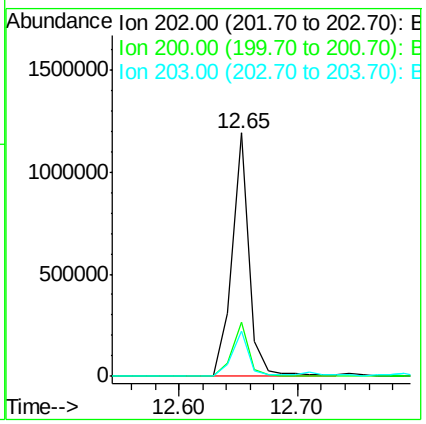


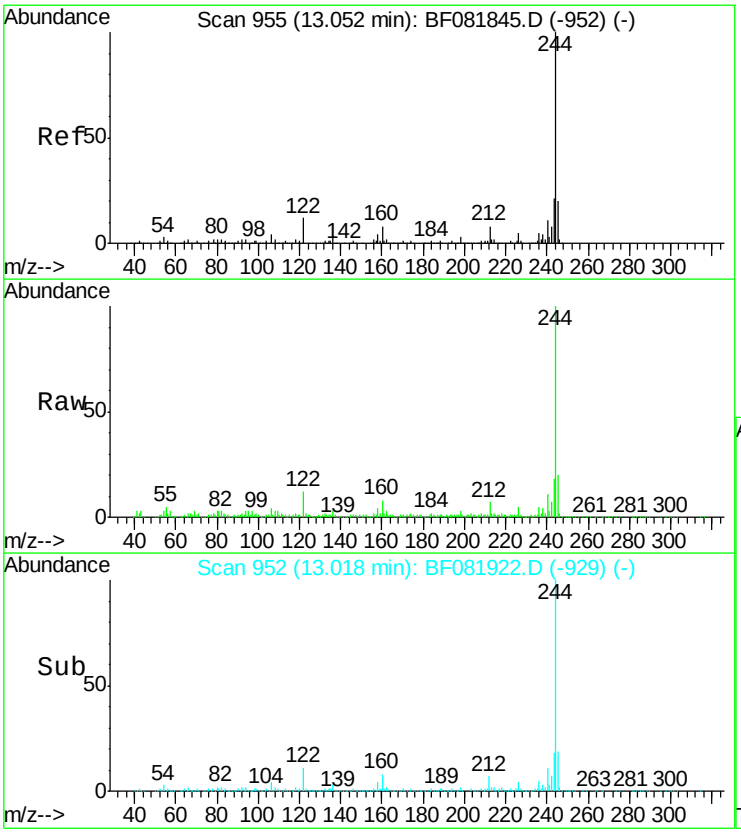
#77
Pyrene
Concen: 68.79 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:202 Resp: 1195917

Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	18.7	14.1	21.1

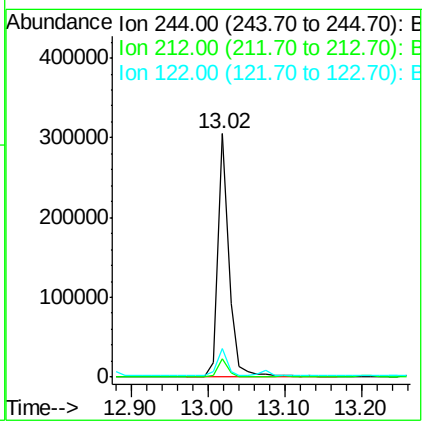


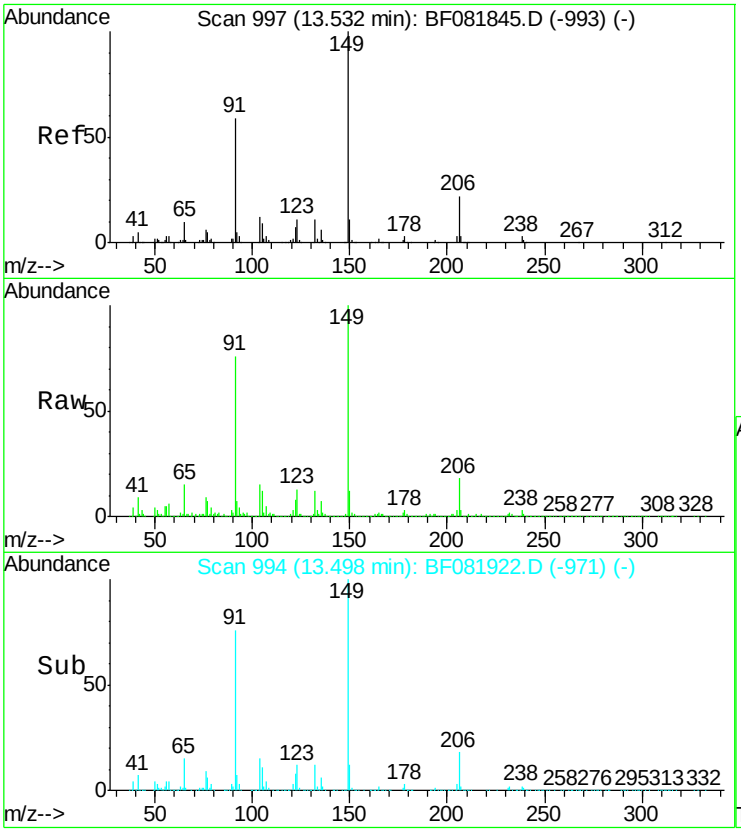


#78
Terphenyl-d14
Concen: 28.28 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:244 Resp: 311443

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	11.8	17.4	26.2#



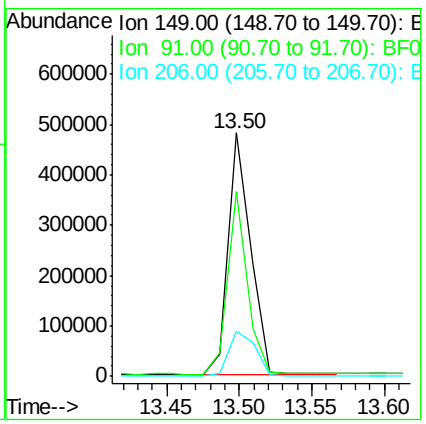


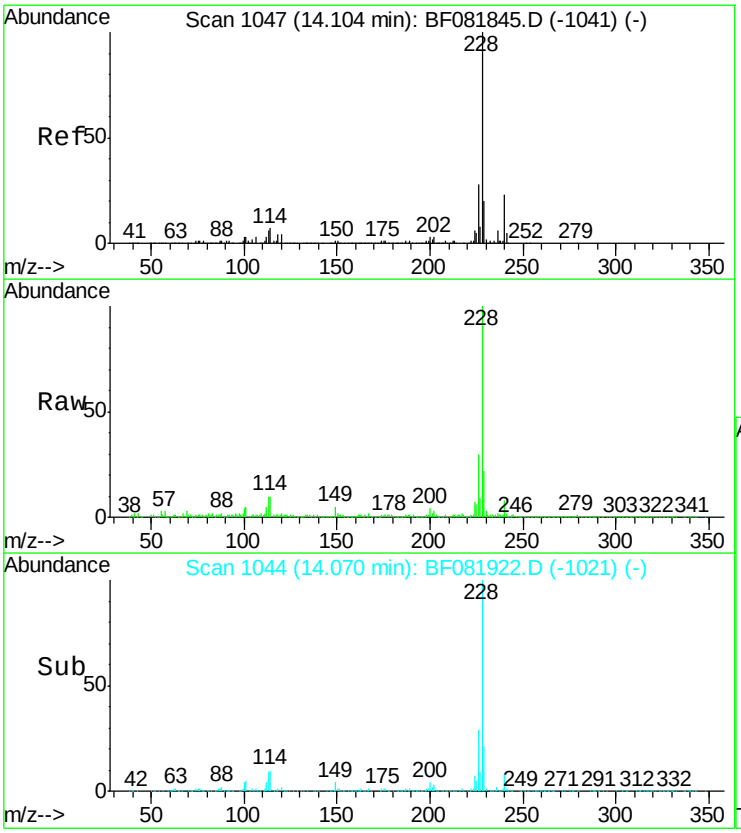
#79
Butylbenzylphthalate
Concen: 78.34 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Tgt Ion:149 Resp: 512475

Ion	Ratio	Lower	Upper
149	100		
91	76.0	48.6	72.8#
206	18.4	14.9	22.3





#80
Benzo(a)anthracene
Concen: 47.19 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081922.D
Acq: 1 Oct 2015 1:23

Tgt Ion:228 Resp: 739507

Ion	Ratio	Lower	Upper
228	100		
226	29.6	20.0	30.0
229	21.9	15.4	23.2