Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092811.D
Acq On : 6 Feb 2017 22:21
Operator : SJ/MA
Sample : I1695-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-11

Quant Time: Feb 07 01:13:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	159660	20.00	ng		-0.06
21) Naphthalene-d8	8.20	136	723190	20.00	ng		-0.06
38) Acenaphthene-d10	9.95	164	307988	20.00	ng		-0.06
63) Phenanthrene-d10	11.44	188	400977	20.00	ng		-0.06
75) Chrysene-d12	14.09	240	324573	20.00	ng		-0.06
86) Perylene-d12	15.54	264	276906	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1037320	111.47	ng		-0.04
7) Phenol-d6	6.56	99	1175027	98.13	ng		-0.05
23) Nitrobenzene-d5	7.48	82	850934	65.52	ng		-0.06
41) 2,4,6-Tribromophenol	10.75	330	219367	98.48	ng		-0.06
44) 2-Fluorobiphenyl	9.28	172	1310127	77.07	ng		-0.06
78) Terphenyl-d14	13.04	244	791957	57.33	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.57	94	109844	7.84	ng	#	74
12) 1,3-Dichlorobenzene	6.93	146	30429	2.53	ng		99
13) 1,4-Dichlorobenzene	6.93	146	30429	2.50	ng		95
14) 1,2-Dichlorobenzene	7.08	146	25379	2.18	ng		86
20) 3+4-Methylphenols	7.32	107	119573	11.35	ng	#	65
25) Isophorone	7.48	82	823679	34.04	ng	#	65
31) Naphthalene	8.22	128	309554	8.44	ng		99
32) Benzoic acid	7.97	122	5634	7.93	ng	#	61
35) Caprolactam	8.61	113	7781	2.38	ng	#	1
37) 2-Methylnaphthalene	8.91	142	48950	2.08	ng		97
49) Dimethylphthalate	9.66	163	194263	9.36	ng		98
53) 2,4-Dinitrophenol	10.25	184	944	5.12	ng	#	70
64) 4,6-Dinitro-2-methylphenol	10.56	198	513	2.87	ng	#	1
70) Phenanthrene	11.46	178	149406	6.50	ng		98
71) Anthracene	11.52	178	47053	2.04	ng		98
73) Di-n-butylphthalate	12.01	149	207548	8.70	ng	#	98
74) Fluoranthene	12.67	202	194855	8.22	ng		97
77) Pyrene	12.89	202	173958	7.16	ng		97
80) Benzo(a)anthracene	14.08	228	93117	4.69	ng	#	92
82) Chrysene	14.11	228	97883	5.27	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.98	276	46968	3.26	ng		91
87) Benzo(b)fluoranthene	15.12	252	155020	8.51	ng	#	83
88) Benzo(k)fluoranthene	15.12	252	155020	9.85	ng	#	83
89) Benzo(a)pyrene	15.48	252	78988	5.01	ng	#	83
91) Benzo(g,h,i)perylene	17.43	276	57023	4.43	ng	#	85

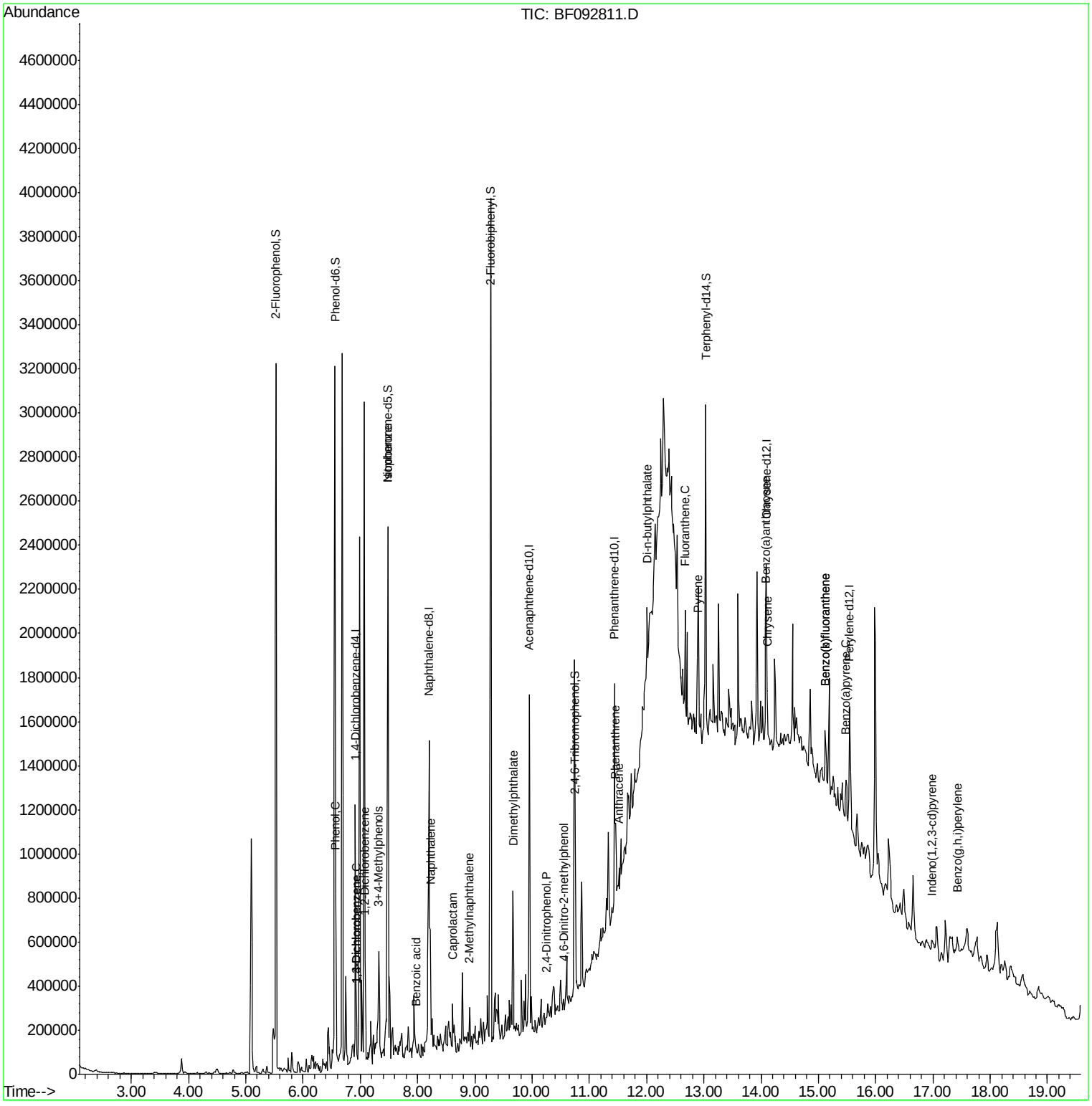
(#) = qualifier out of range (m) = manual integration (+) = signals summed

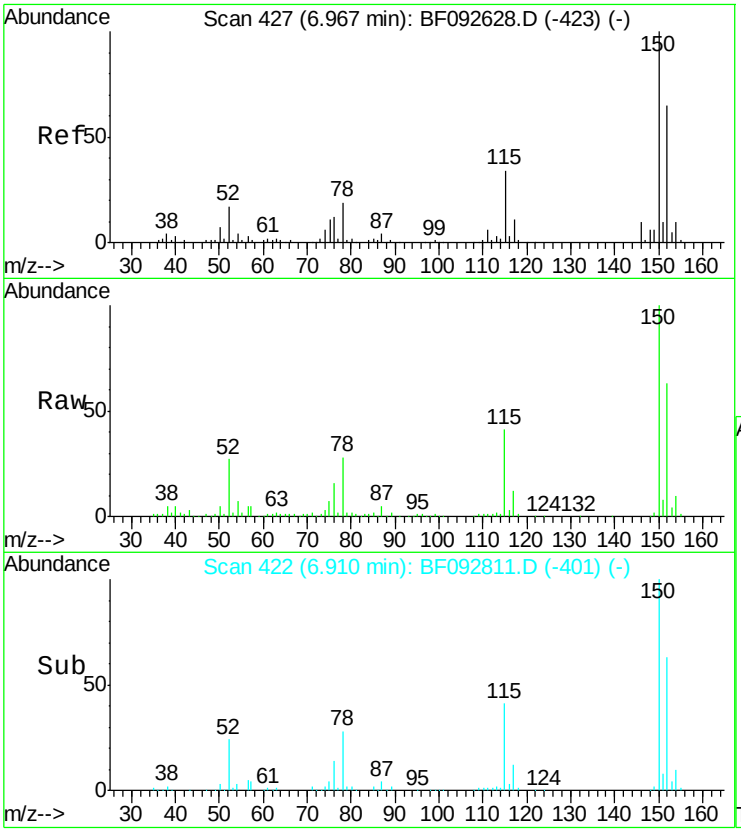
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092811.D
Acq On : 6 Feb 2017 22:21
Operator : SJ/MA
Sample : I1695-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-11

Quant Time: Feb 07 01:13:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration



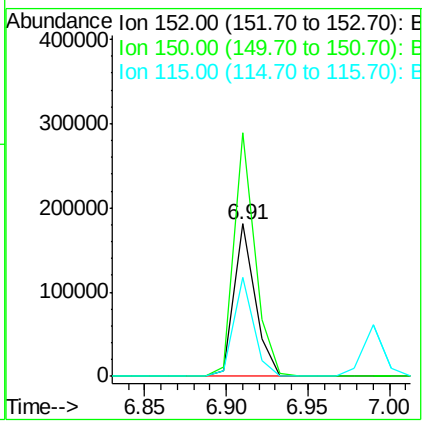


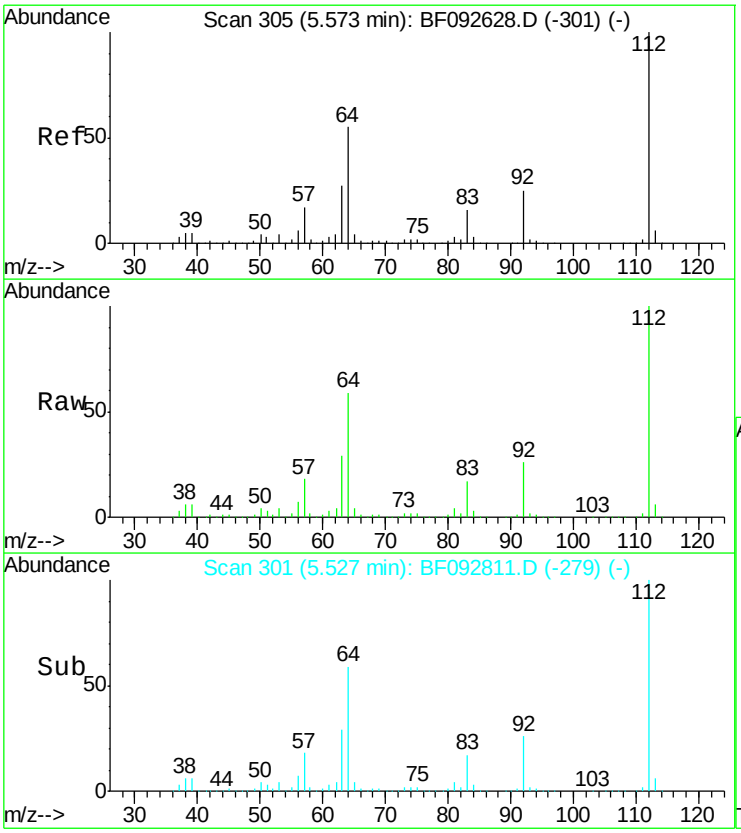
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:152 Resp: 159660

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	65.0	46.0	69.0

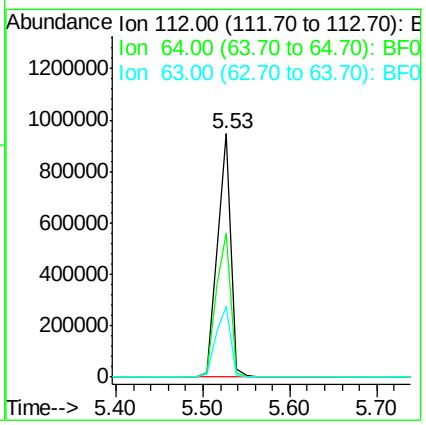


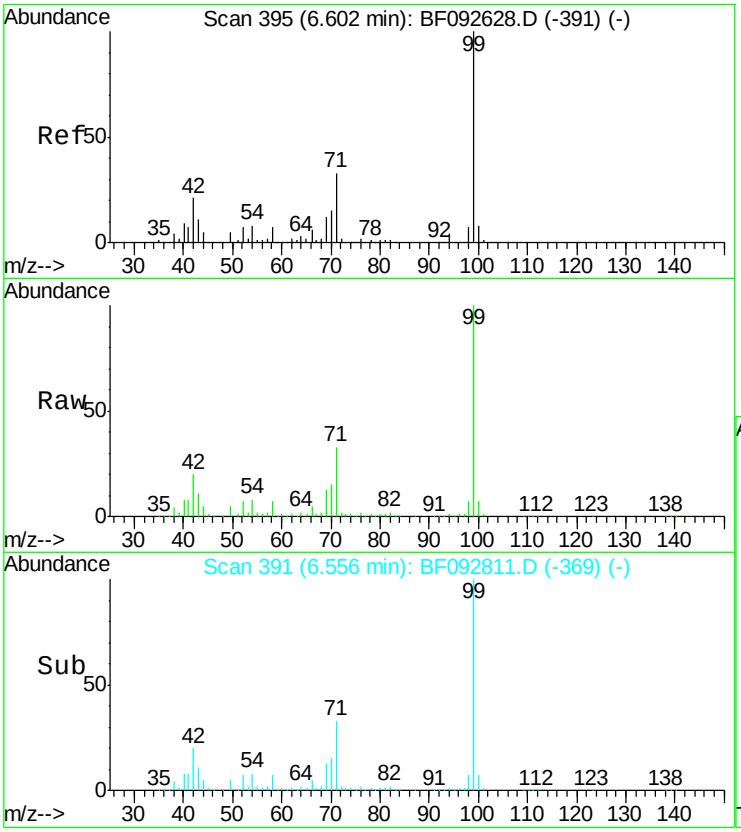


#5
2-Fluorophenol
Concen: 111.47 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:112 Resp: 1037320

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.1	69.1
63	29.3	23.8	35.6



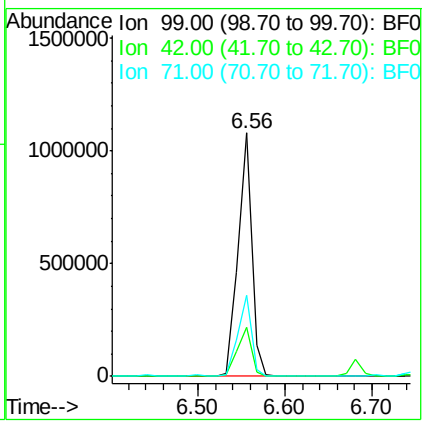


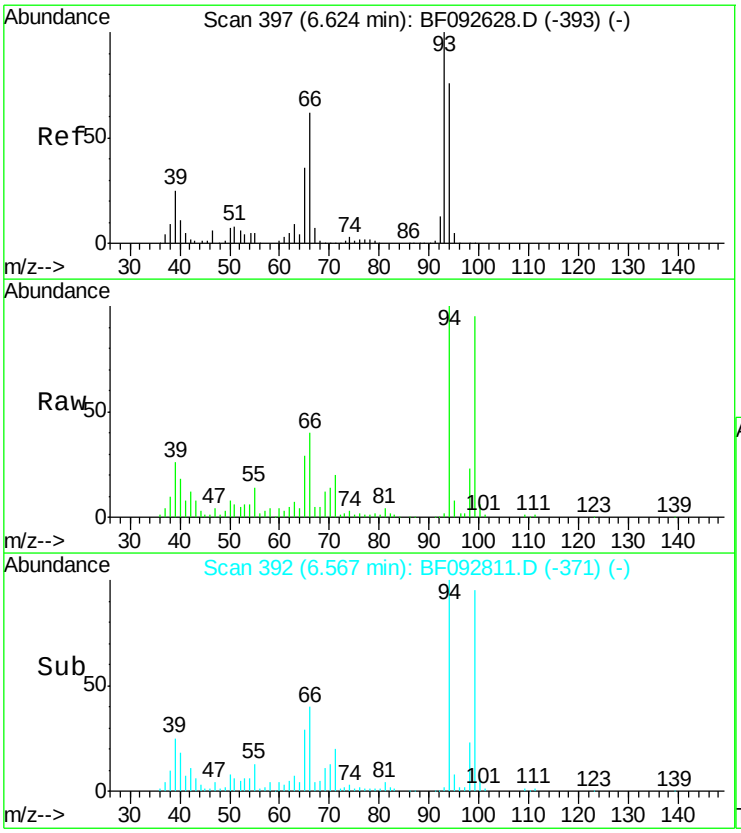
#7
Phenol-d6
Concen: 98.13 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion: 99 Resp: 1175027

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	33.2	27.5	41.3

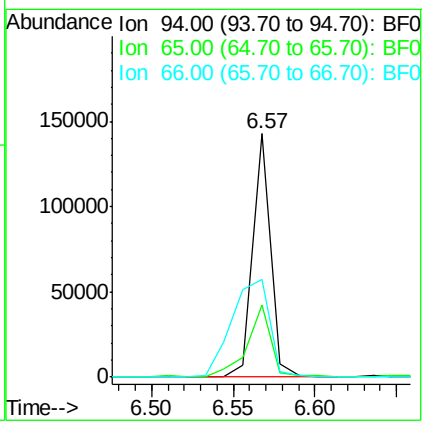


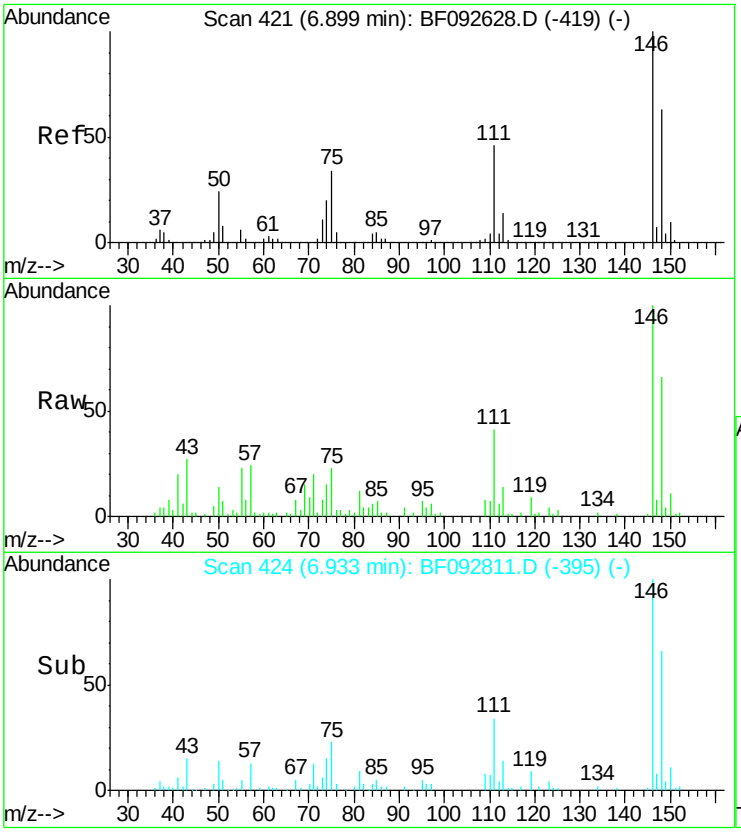


#10
Phenol
Concen: 7.84 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion: 94 Resp: 109844

Ion	Ratio	Lower	Upper
94	100		
65	29.4	21.4	61.4
66	40.0	44.0	84.0#



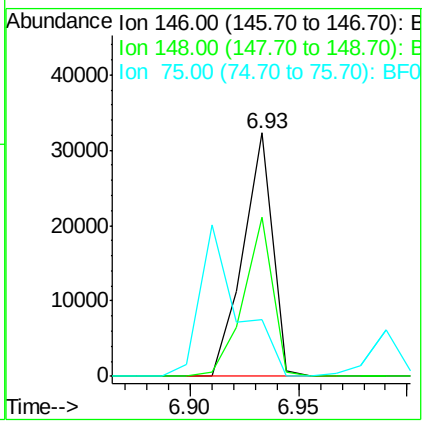


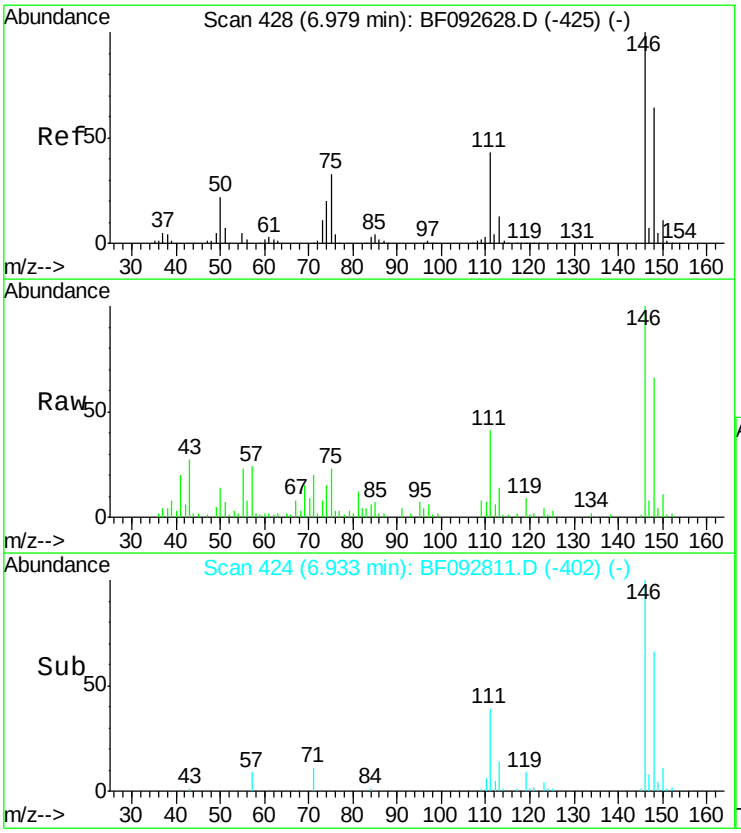
#12
1,3-Dichlorobenzene
Concen: 2.53 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.03 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:146 Resp: 30429

Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.4	80.0
75	23.2	18.5	27.7

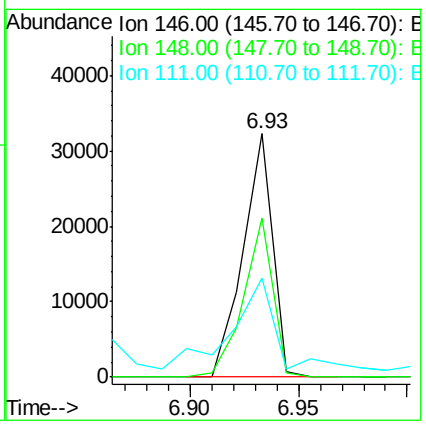


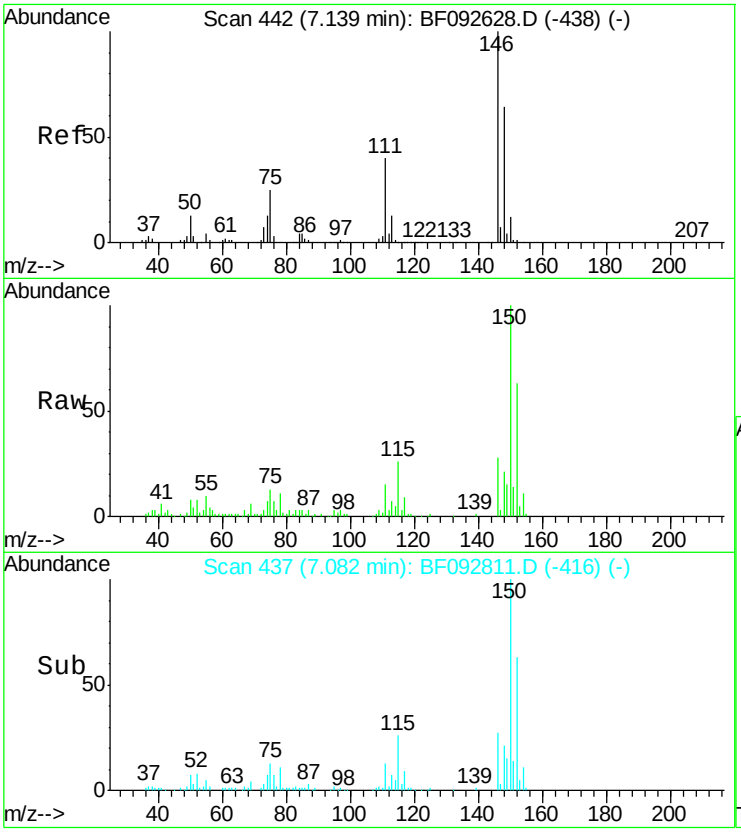


#13
1,4-Dichlorobenzene
Concen: 2.50 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:146 Resp: 30429

Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	76.0
111	40.7	36.2	54.4



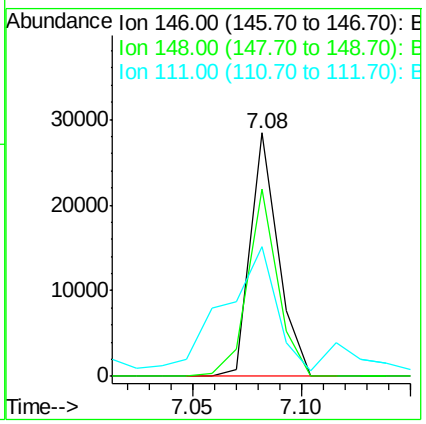


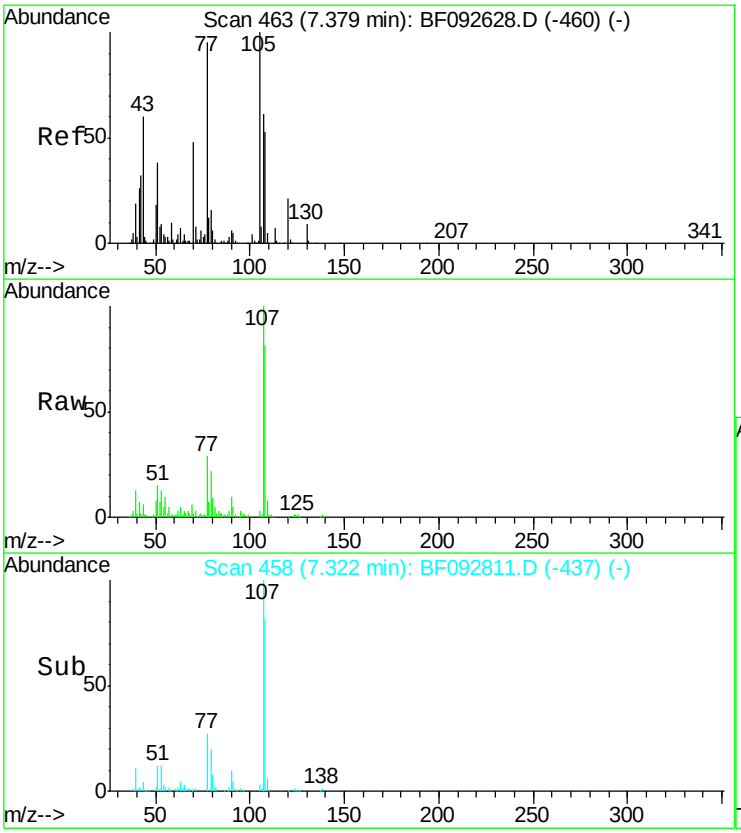
#14
1,2-Dichlorobenzene
Concen: 2.18 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:146 Resp: 25379

Ion	Ratio	Lower	Upper
146	100		
148	77.2	52.2	78.2
111	53.1	36.2	54.2

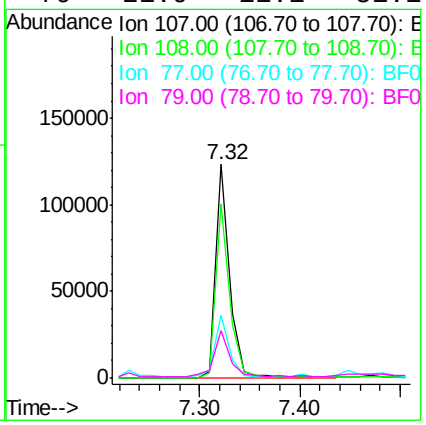


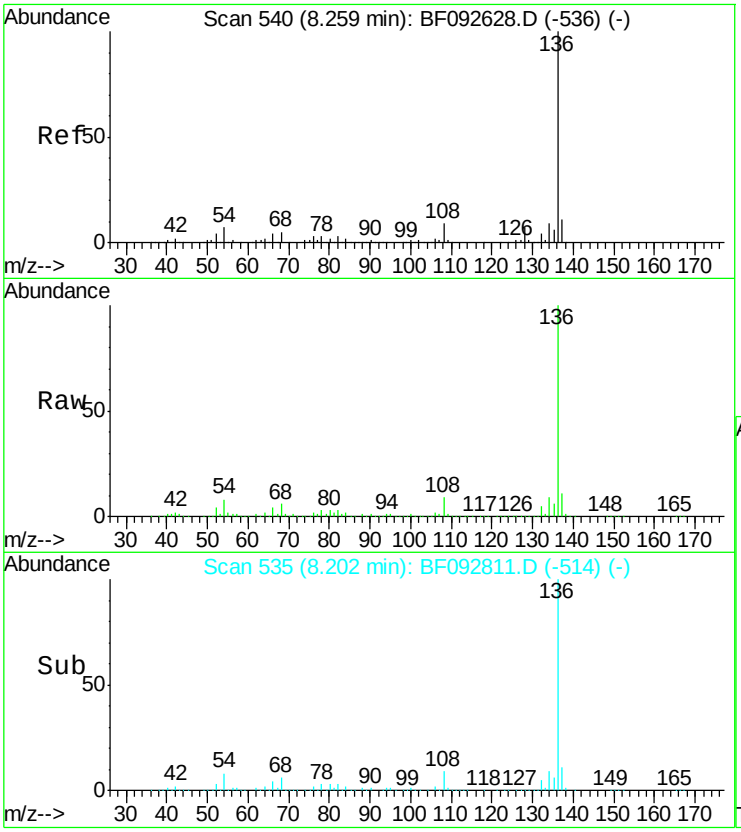


#20
3+4-Methylphenols
Concen: 11.35 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:107 Resp: 119573

Ion	Ratio	Lower	Upper
107	100		
108	81.2	73.0	113.0
77	29.4	71.3	111.3#
79	21.9	11.1	51.1



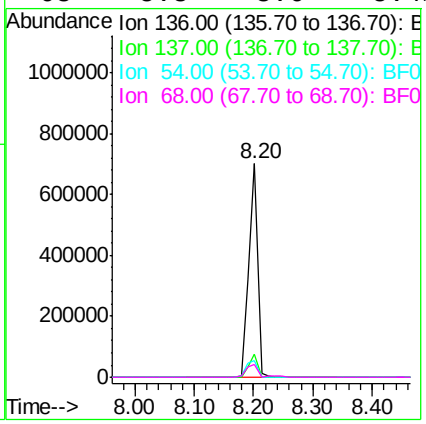


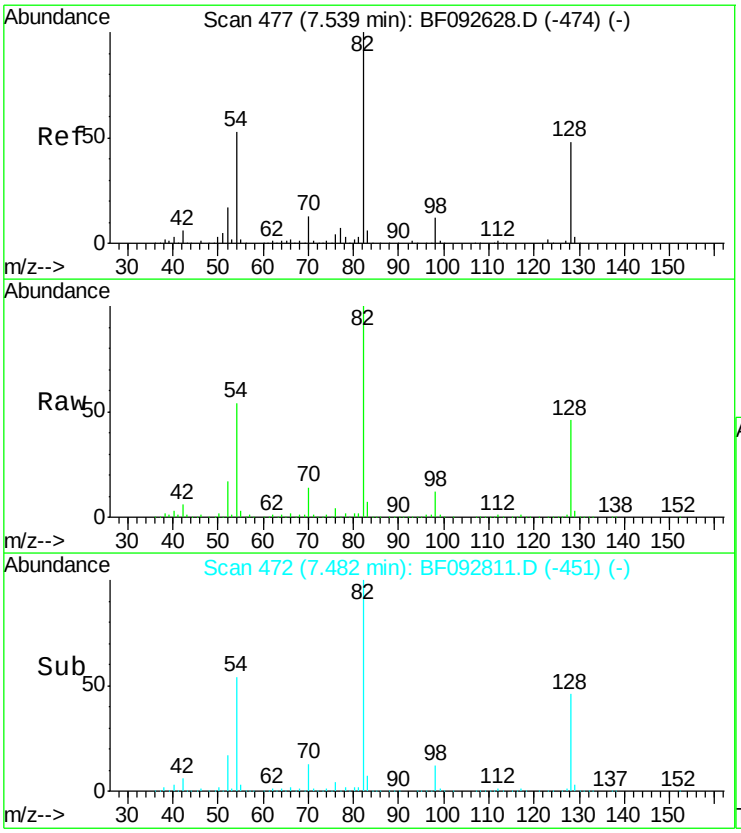
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:136 Resp: 723190

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.7	4.5	6.7#
68	5.8	3.6	5.4#

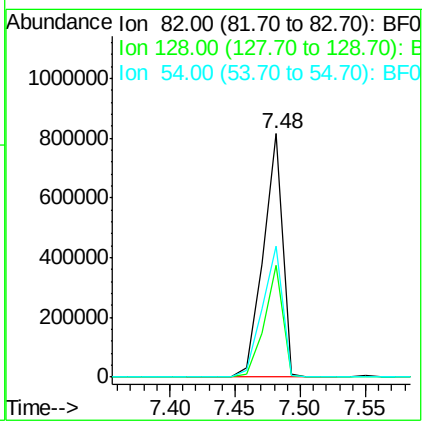


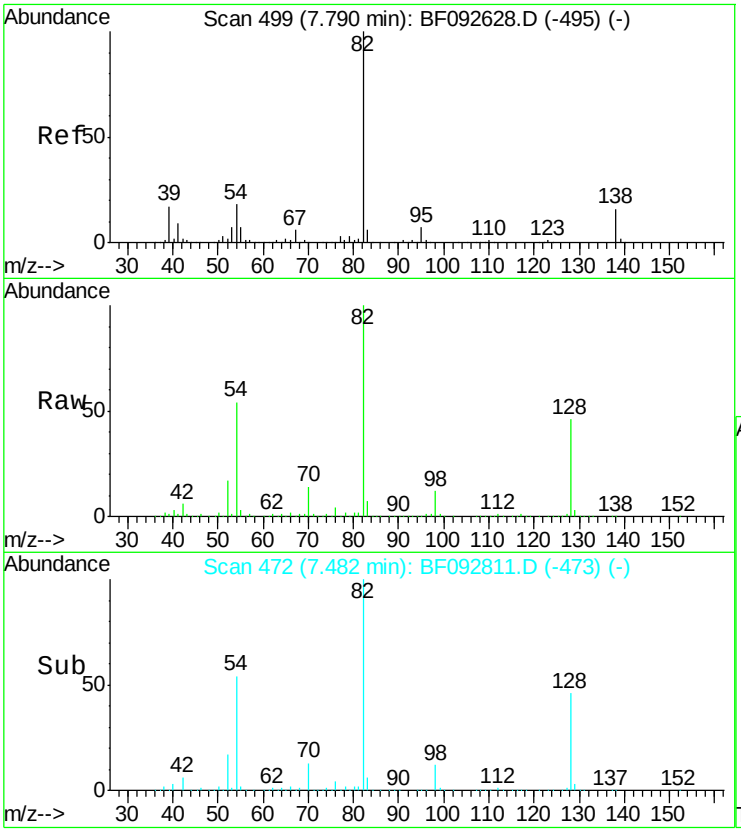


#23
Nitrobenzene-d5
Concen: 65.52 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion: 82 Resp: 850934

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	52.0
54	53.9	39.5	59.3



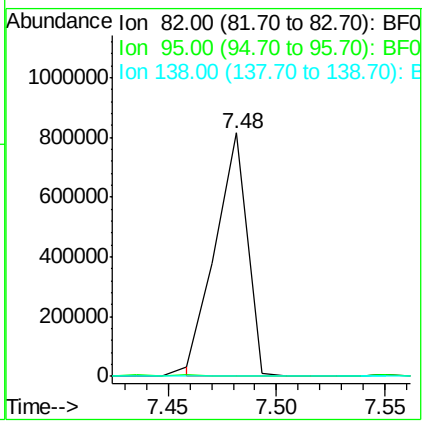


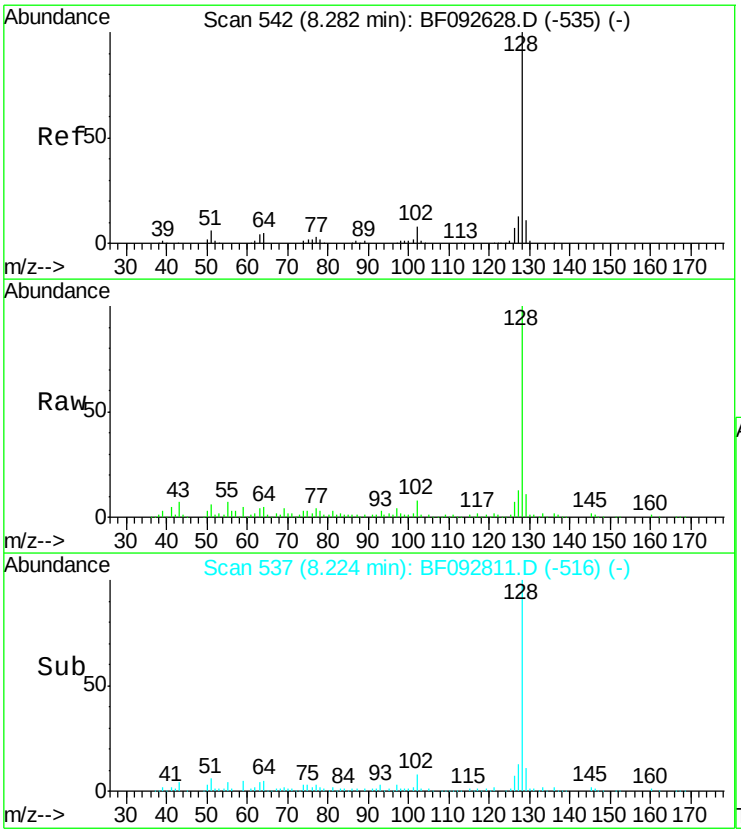
#25
Isophorone
Concen: 34.04 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.31 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion: 82 Resp: 823679

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.6	8.4#
138	0.0	14.6	22.0#

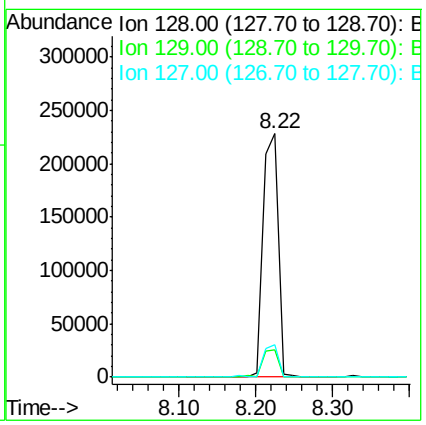


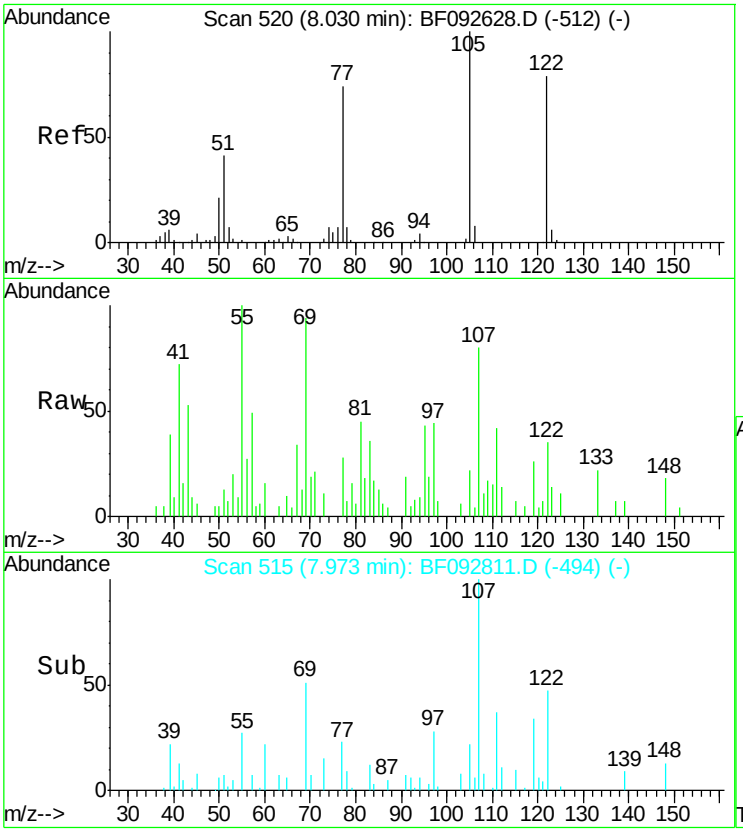


#31
Naphthalene
Concen: 8.44 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:128 Resp: 309554

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.2	10.8	16.2



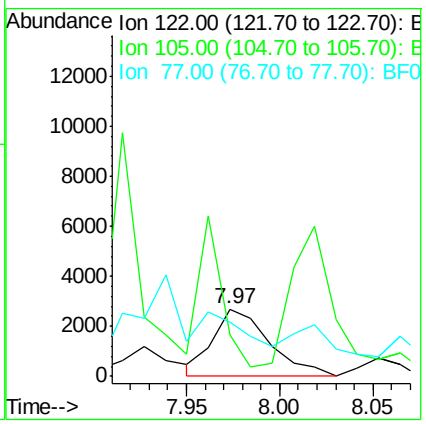


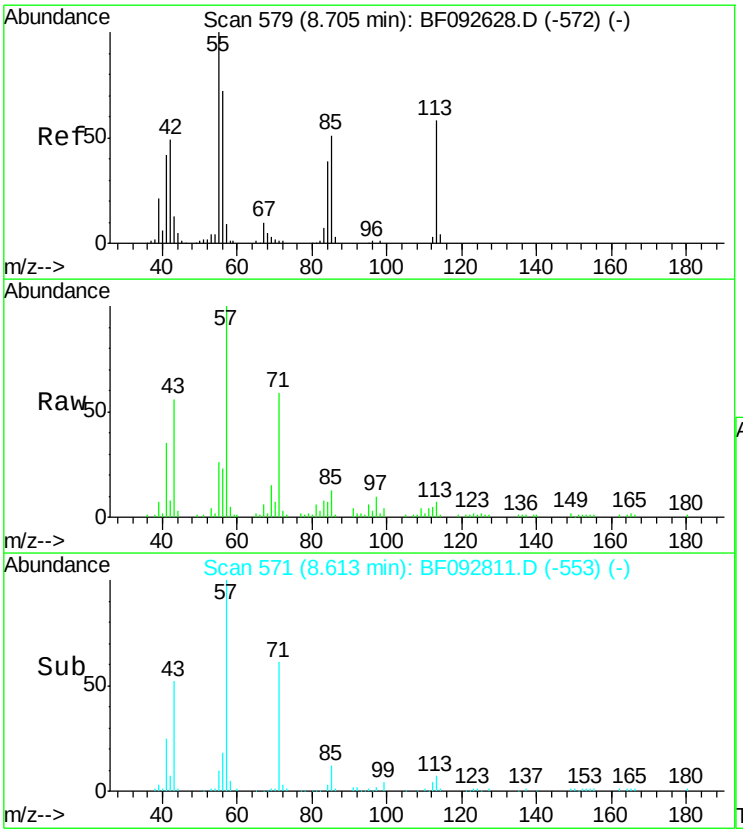
#32
Benzoic acid
Concen: 7.93 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:122 Resp: 5634

Ion	Ratio	Lower	Upper
122	100		
105	61.3	107.2	147.2#
77	79.8	74.5	114.5

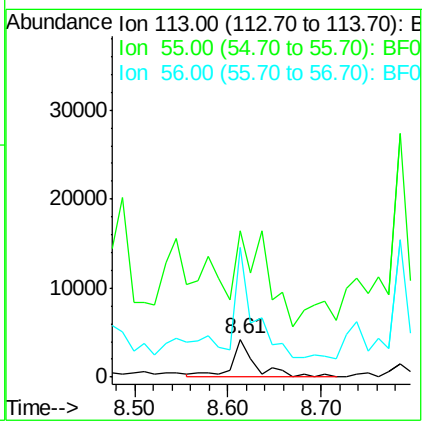


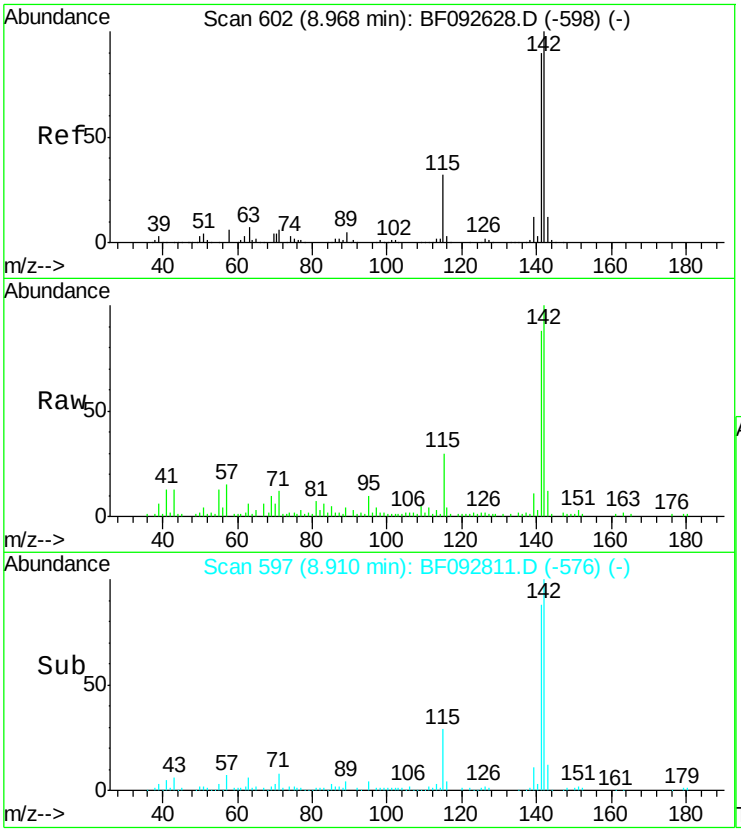


#35
Caprolactam
Concen: 2.38 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.09 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:113 Resp: 7781

Ion	Ratio	Lower	Upper
113	100		
55	390.2	119.2	159.2#
56	343.8	83.8	123.8#



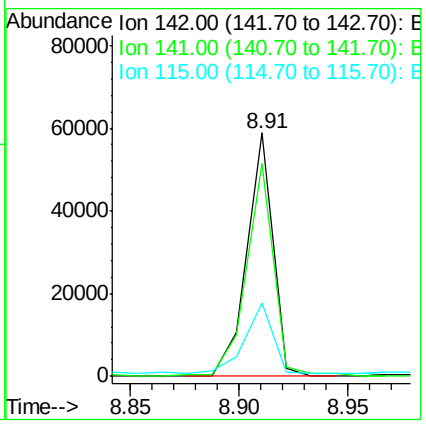


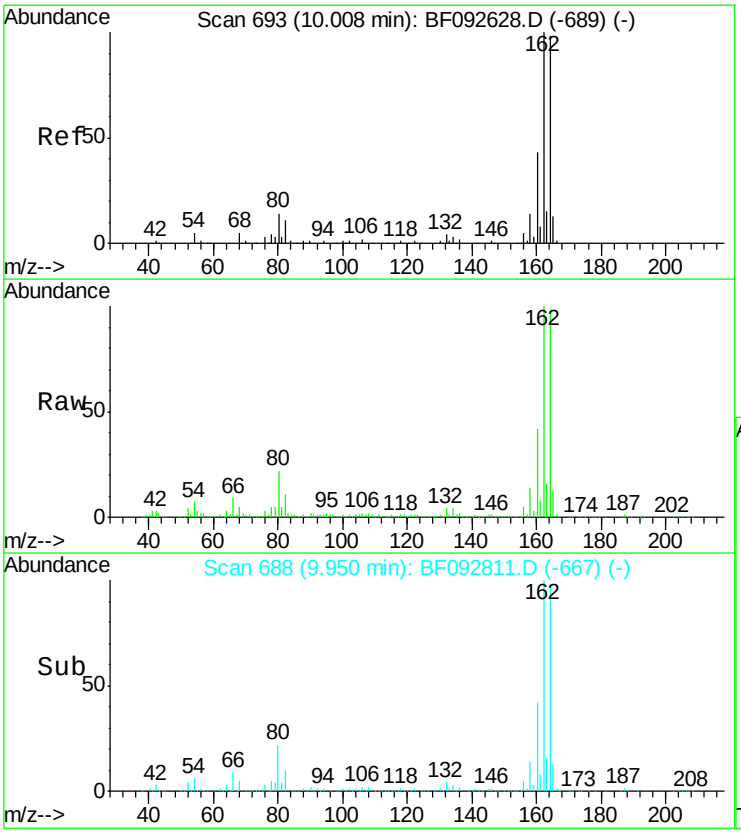
#37
2-Methylnaphthalene
Concen: 2.08 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:142 Resp: 48950

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.0	106.6
115	30.1	28.3	42.5

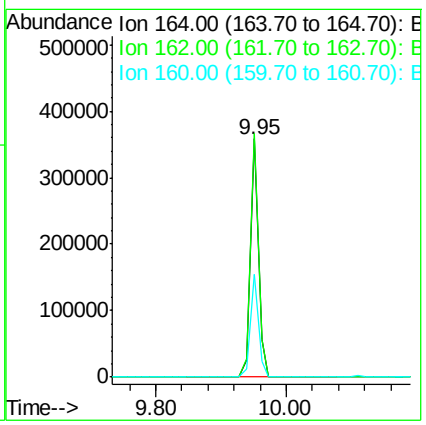


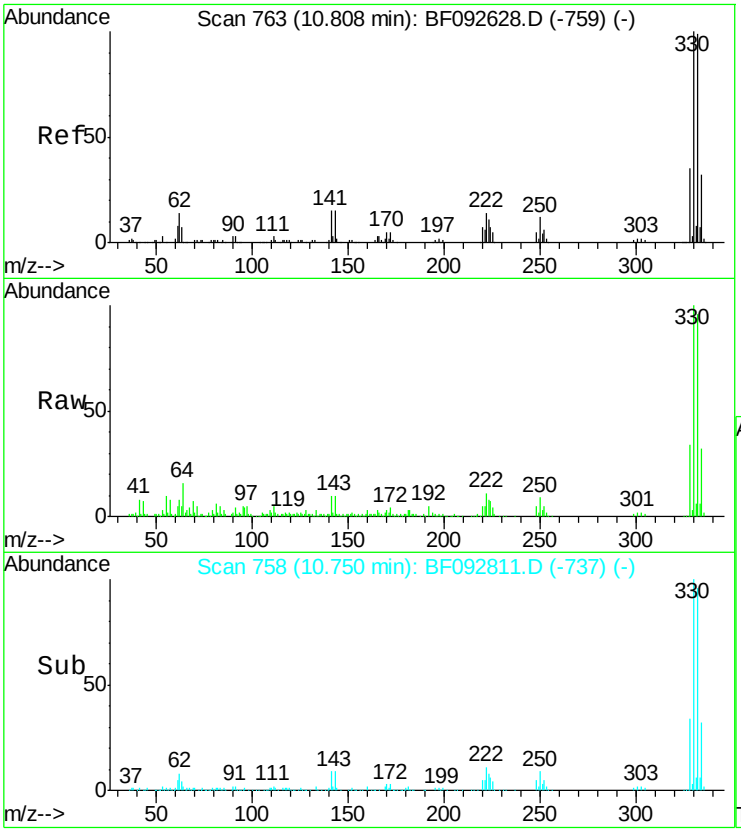


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:164 Resp: 307988

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.2	36.9	55.3



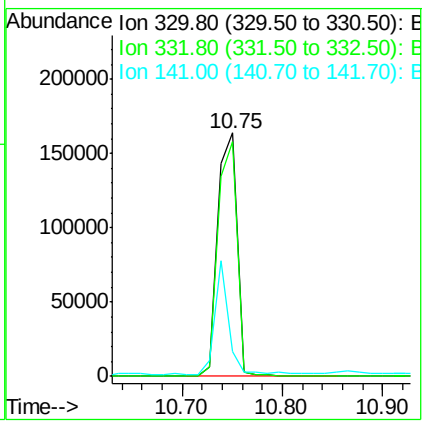


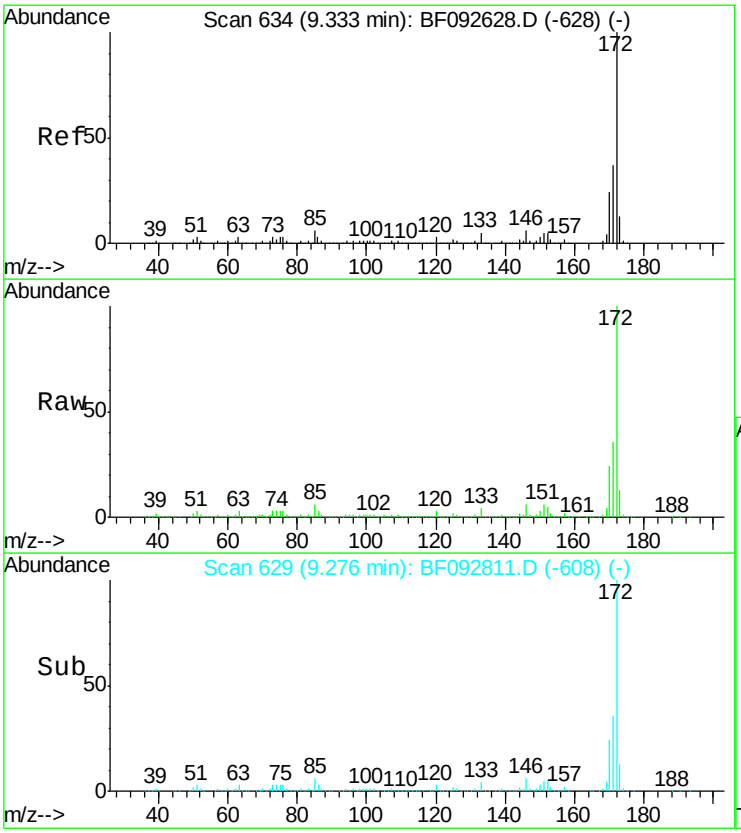
#41
2,4,6-Tribromophenol
Concen: 98.48 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:330 Resp: 219367

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	33.4	34.1	51.1#

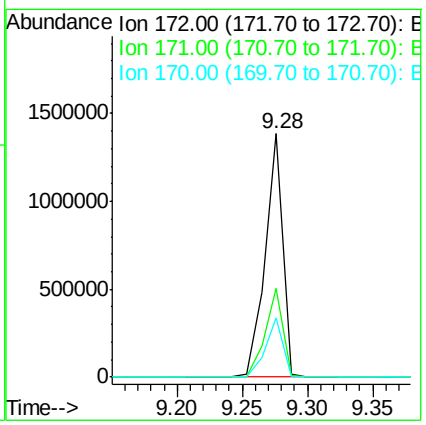


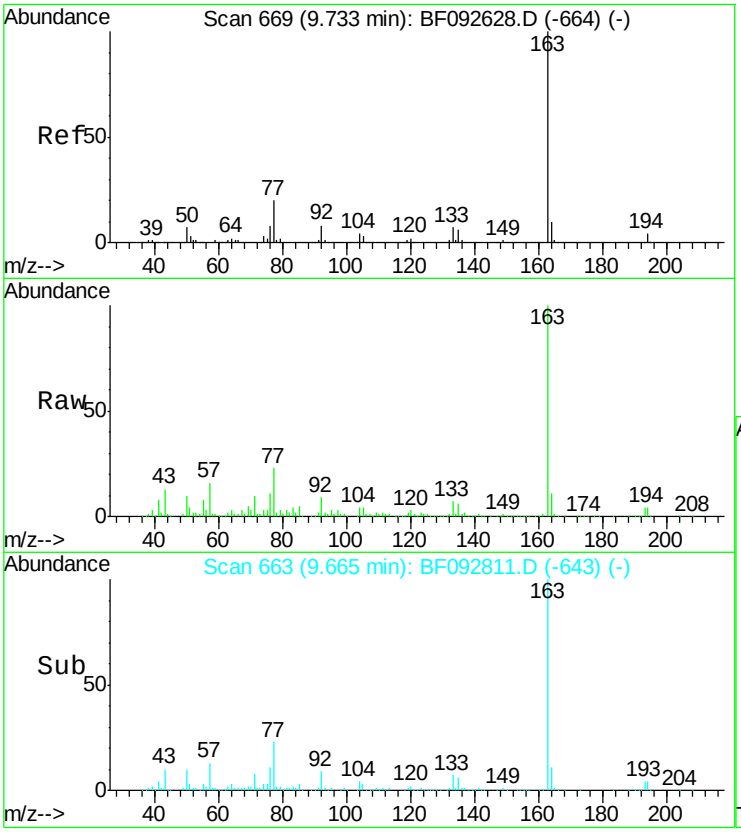


#44
2-Fluorobiphenyl
Concen: 77.07 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:172 Resp: 1310127

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	20.2	30.4



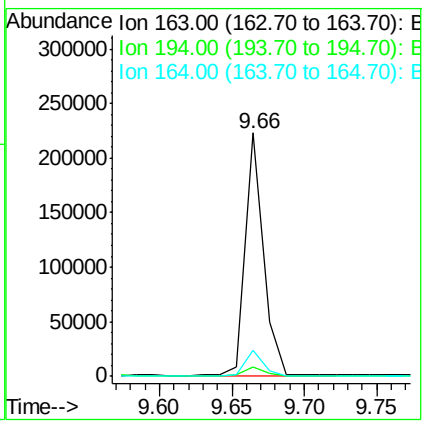


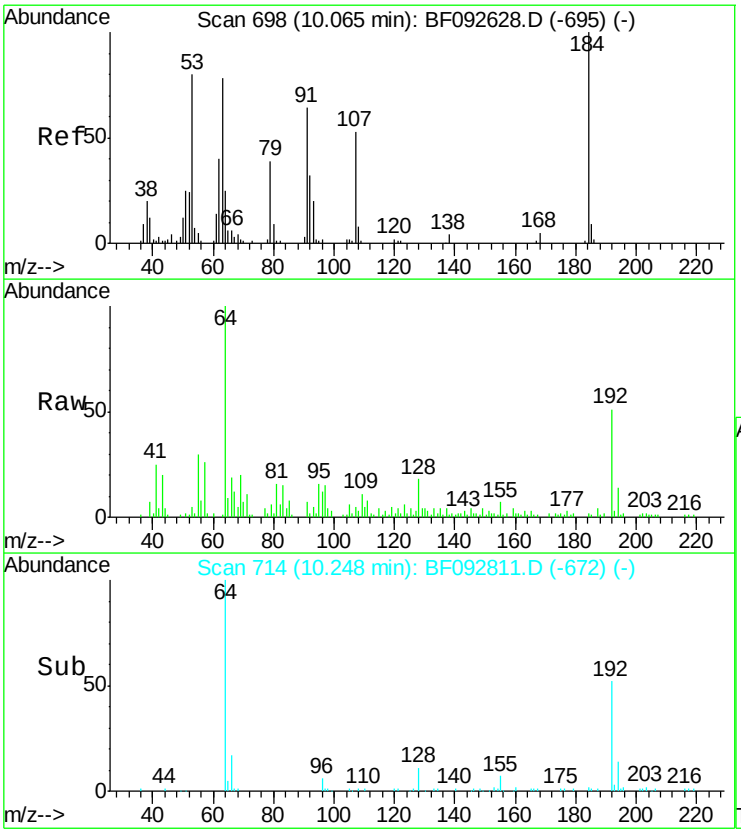
#49
Dimethylphthalate
Concen: 9.36 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:163 Resp: 194263

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.8	8.0	12.0

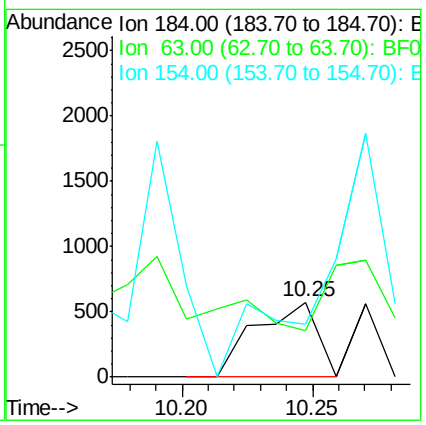


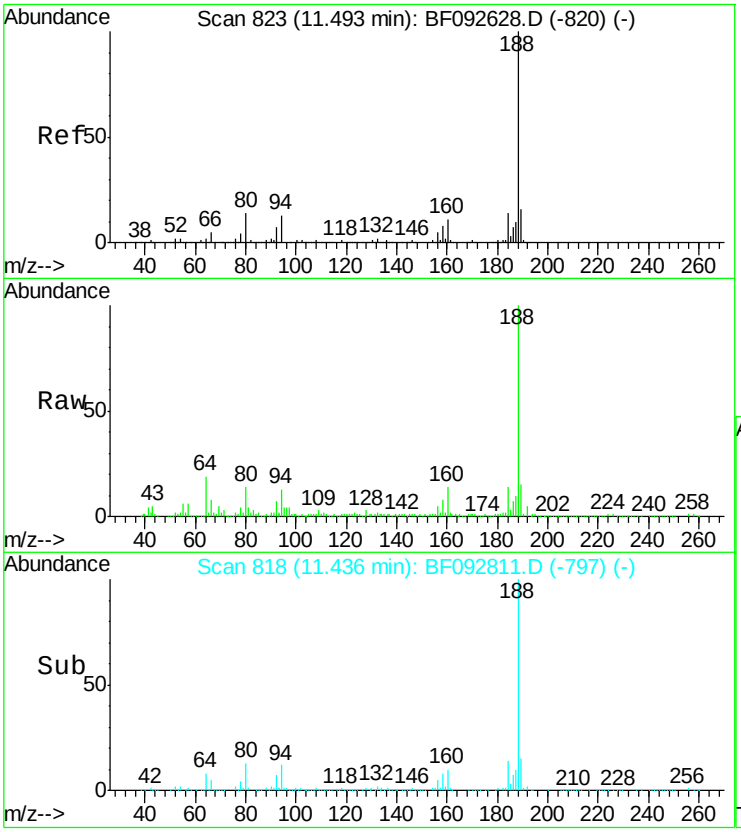


#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.18 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:184 Resp: 944

Ion	Ratio	Lower	Upper
184	100		
63	61.5	28.4	42.6#
154	70.4	44.3	66.5#



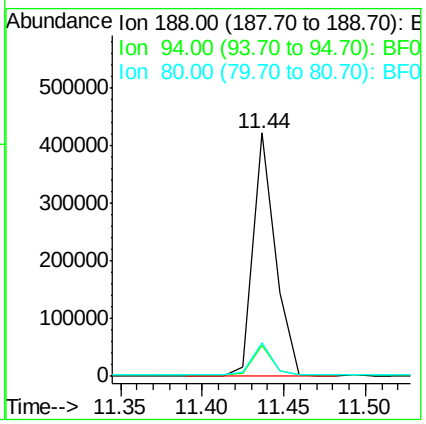


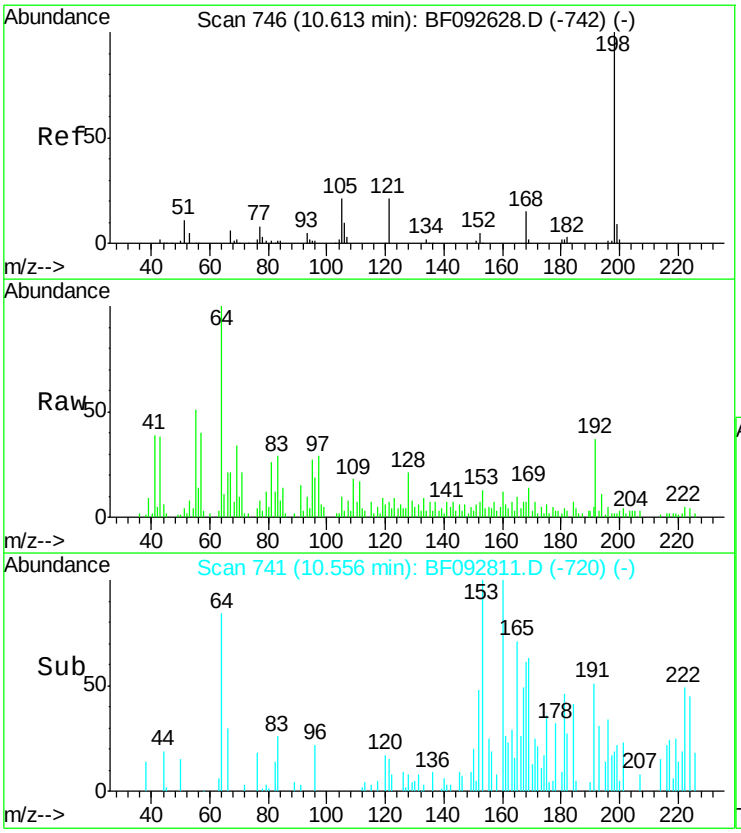
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:188 Resp: 400977

Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	13.7	11.2	16.8

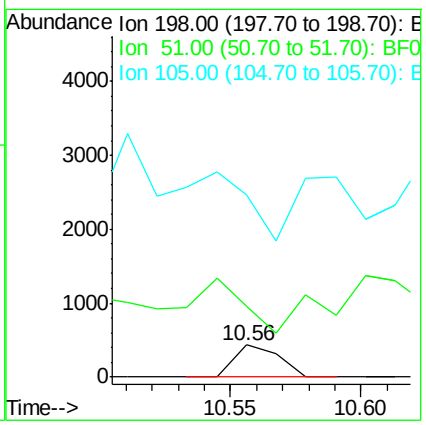


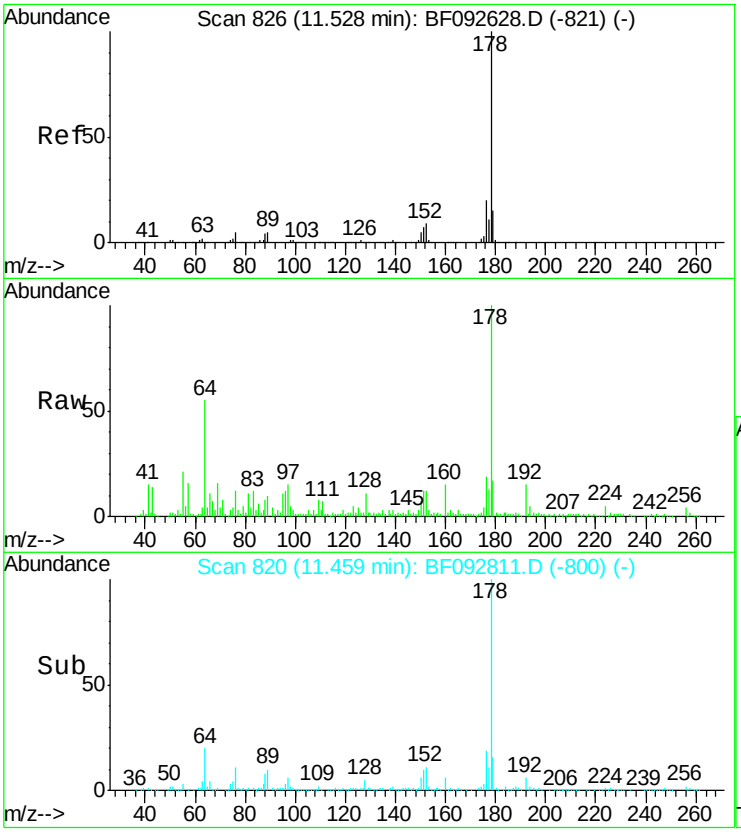


#64
4,6-Dinitro-2-methylphenol
Concen: 2.87 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:198 Resp: 513

Ion	Ratio	Lower	Upper
198	100		
51	224.7	6.7	46.7#
105	572.6	16.6	56.6#



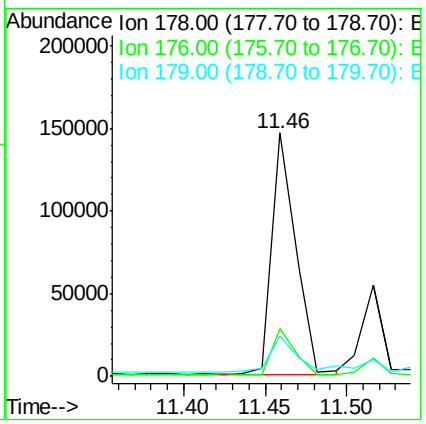


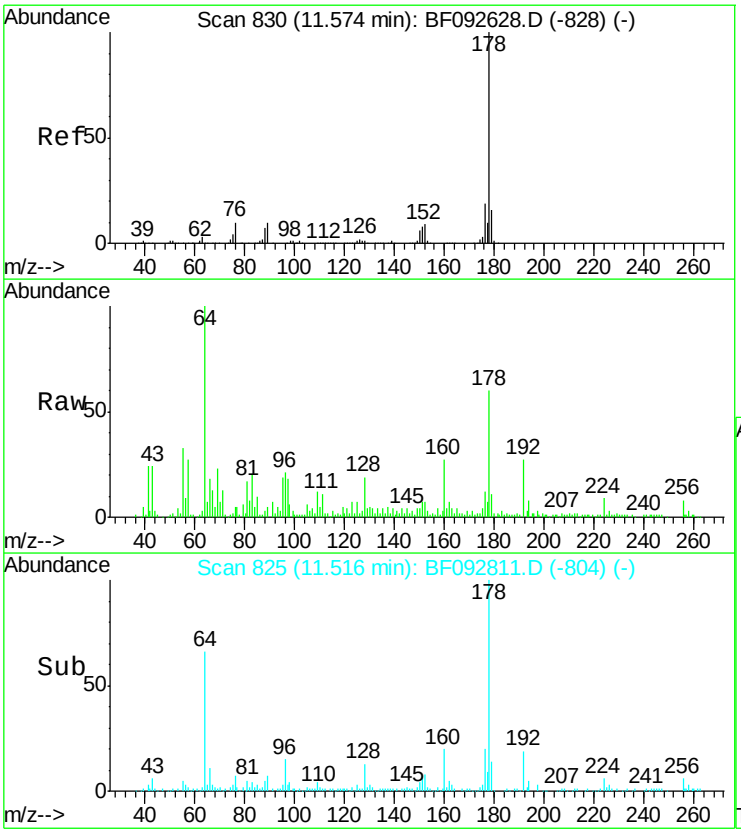
#70
Phenanthrene
Concen: 6.50 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:178 Resp: 149406

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	16.6	12.8	19.2

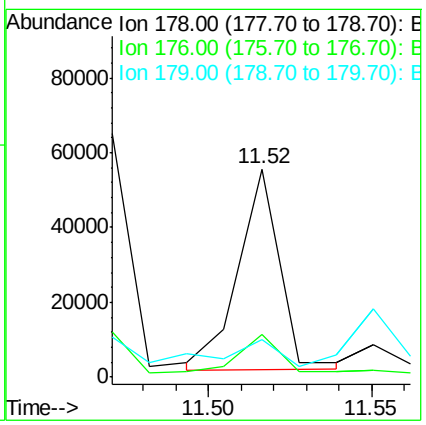


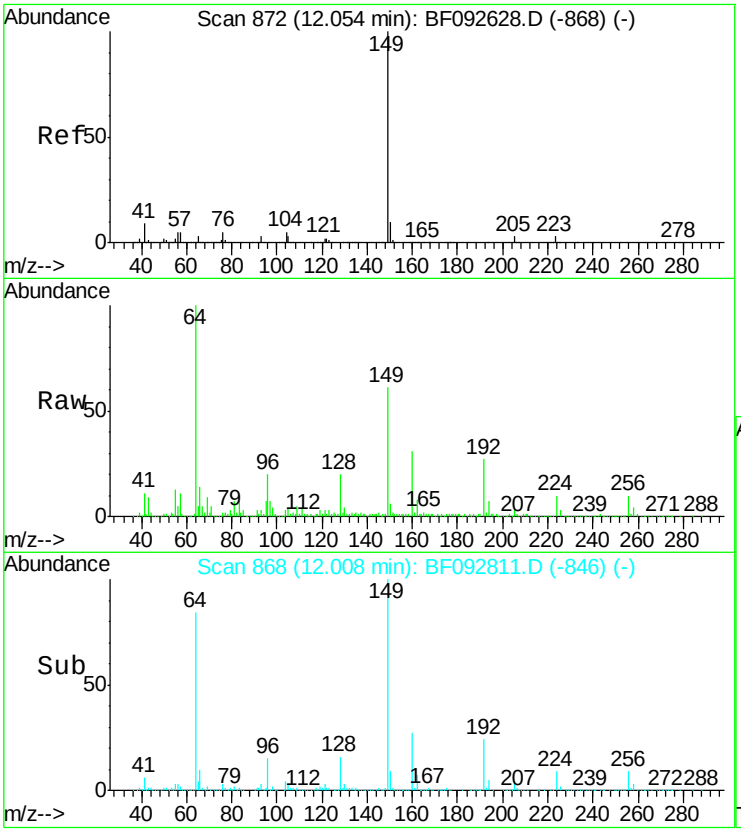


#71
Anthracene
Concen: 2.04 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:178 Resp: 47053

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	18.1	13.2	19.8



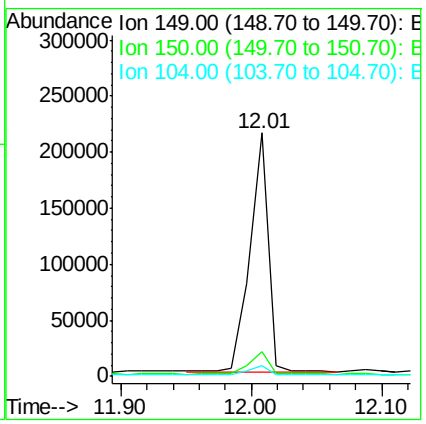


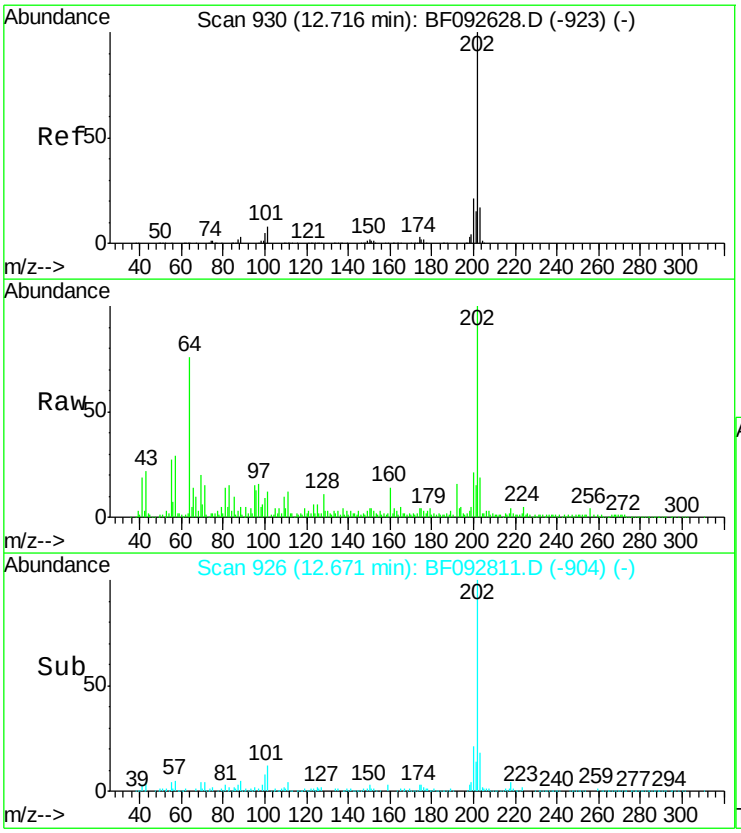
#73
Di-n-butylphthalate
Concen: 8.70 ng
RT: 12.01 min Scan# 868
Delta R.T. -0.05 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:149 Resp: 207548

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.4	4.6	7.0#

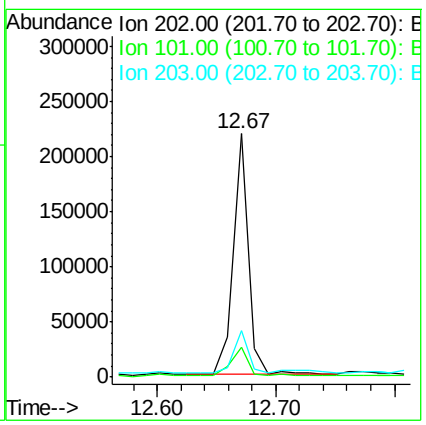


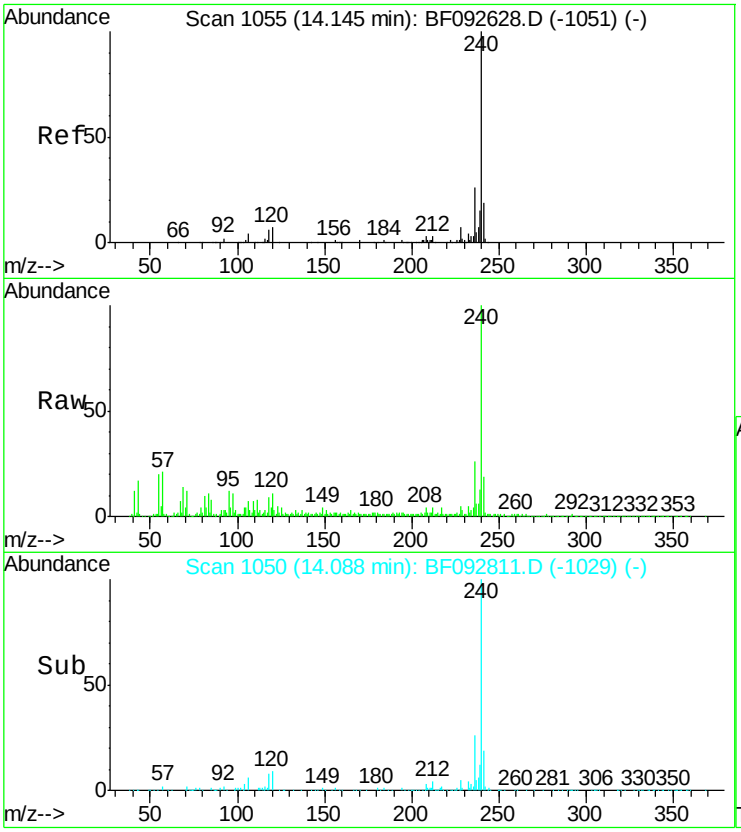


#74
Fluoranthene
Concen: 8.22 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.05 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:202 Resp: 194855

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.6
203	18.8	0.0	38.7



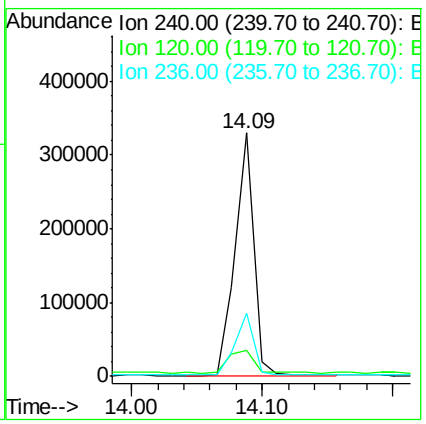


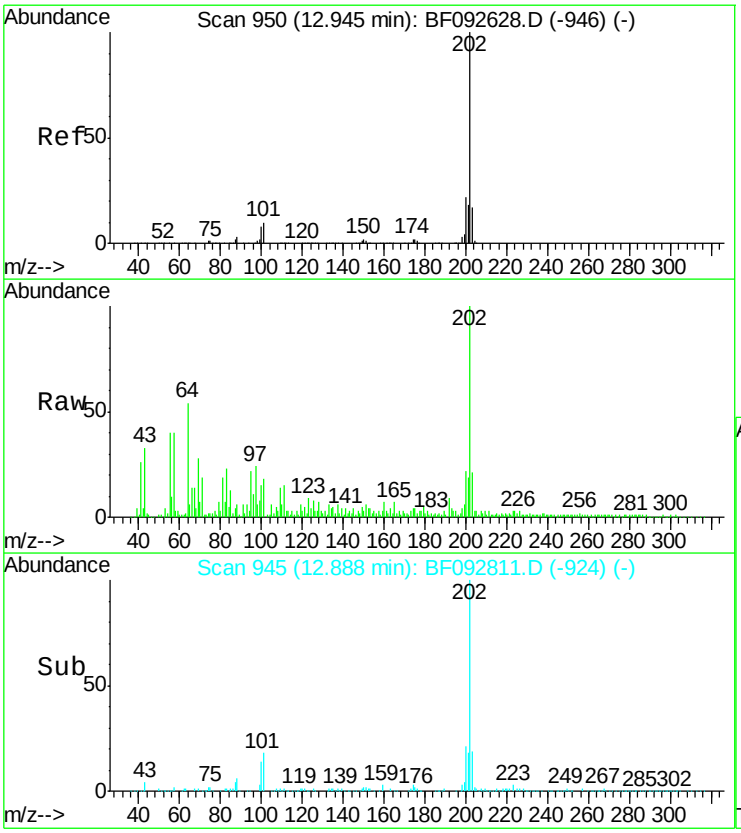
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:240 Resp: 324573

Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.9	19.3#
236	26.0	20.9	31.3

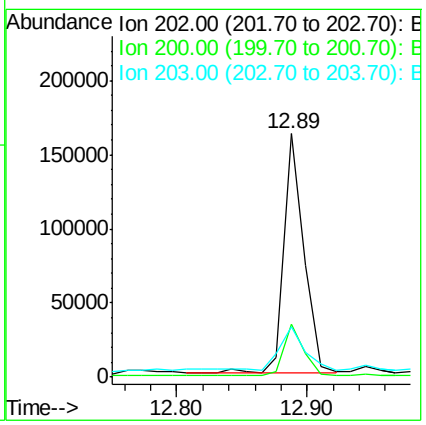


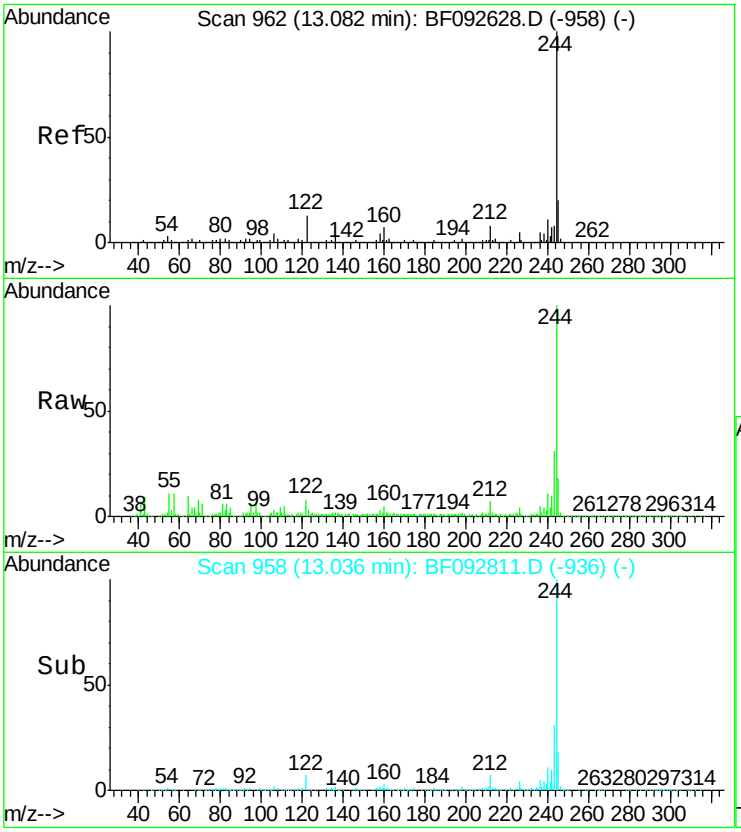


#77
Pyrene
Concen: 7.16 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:202 Resp: 173958

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	20.8	14.7	22.1



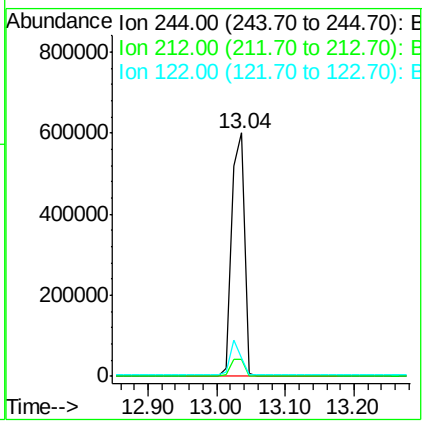


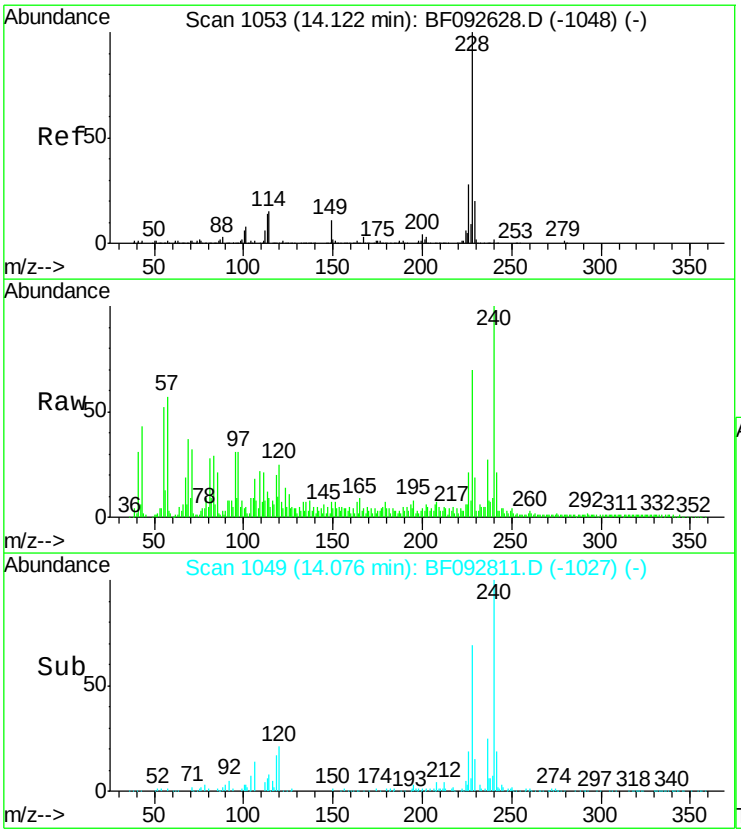
#78
Terphenyl-d14
Concen: 57.33 ng
RT: 13.04 min Scan# 958
Delta R.T. -0.05 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:244 Resp: 791957

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.6	11.4	17.2#

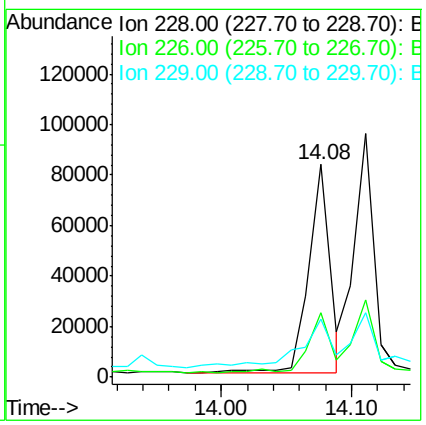


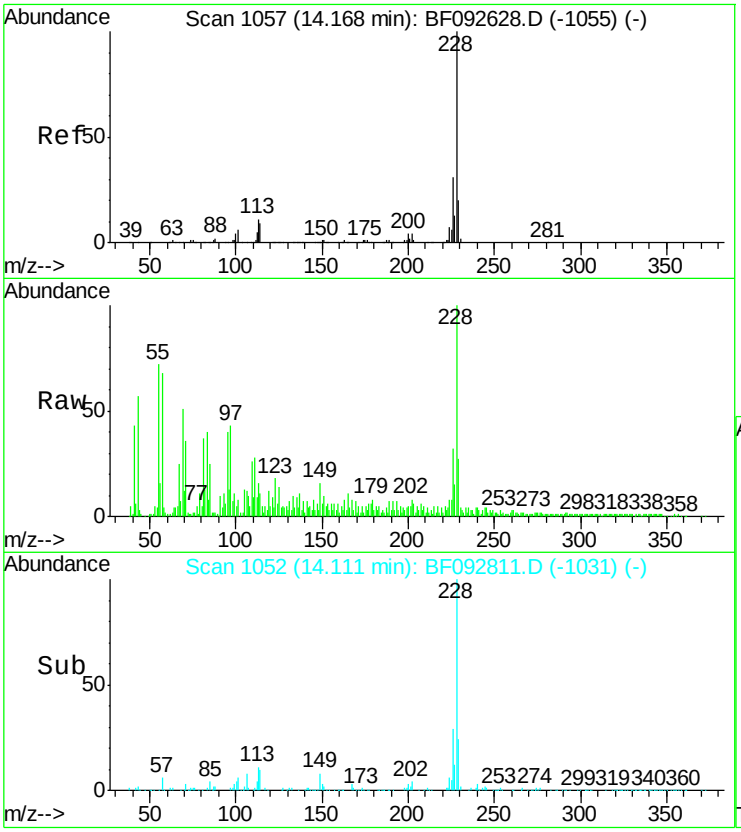


#80
Benzo(a)anthracene
Concen: 4.69 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.05 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:228 Resp: 93117

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.4	33.6
229	27.1	16.2	24.4#



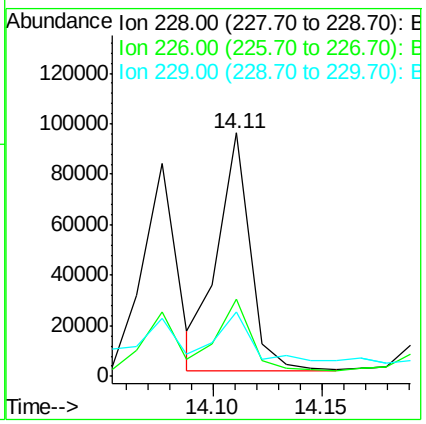


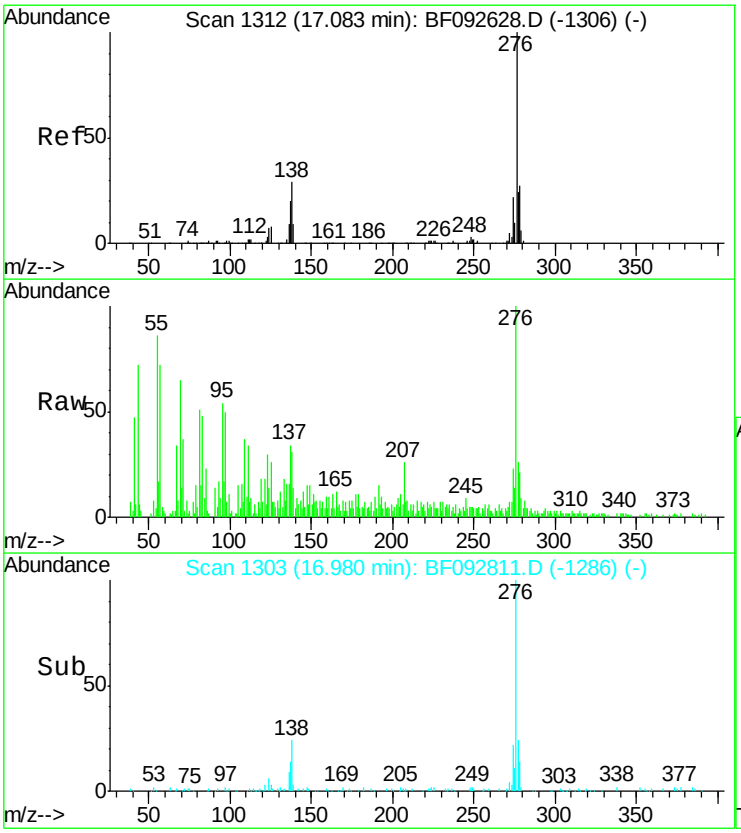
#82
Chrysene
Concen: 5.27 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:228 Resp: 97883

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	26.6	16.2	24.2#

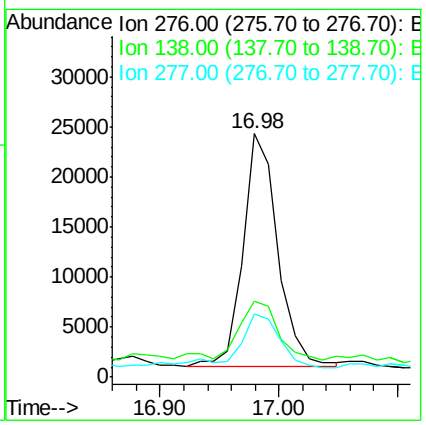


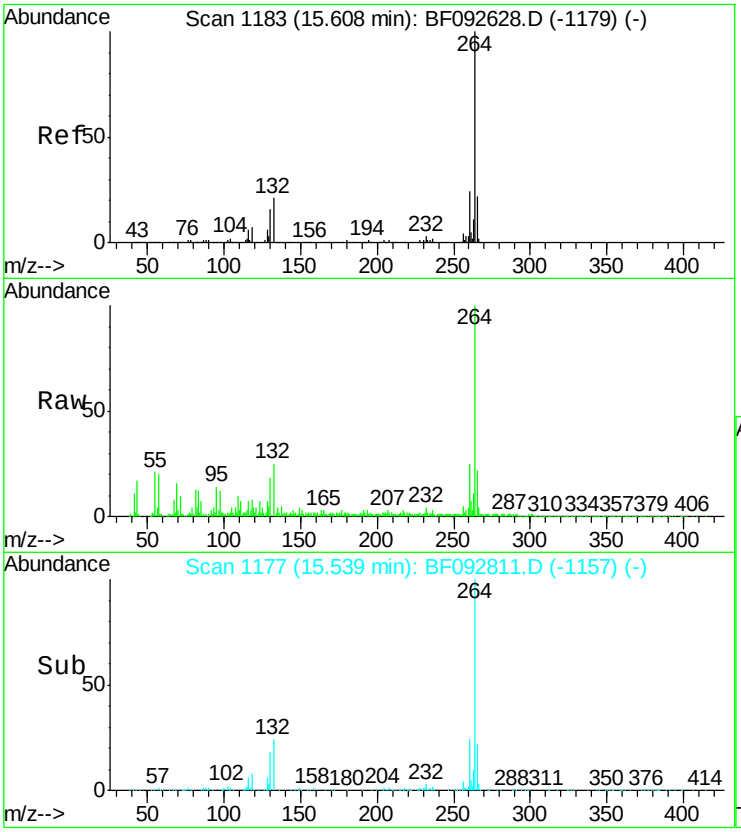


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.26 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.10 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:276 Resp: 46968

Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.6
277	30.1	20.2	30.4



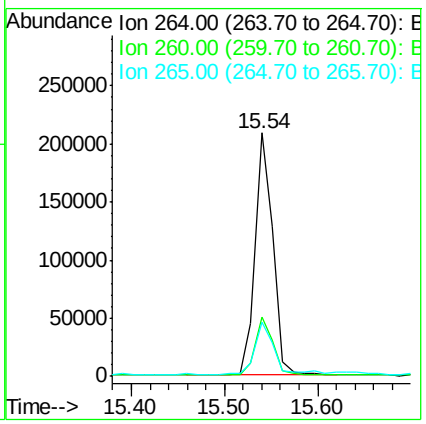


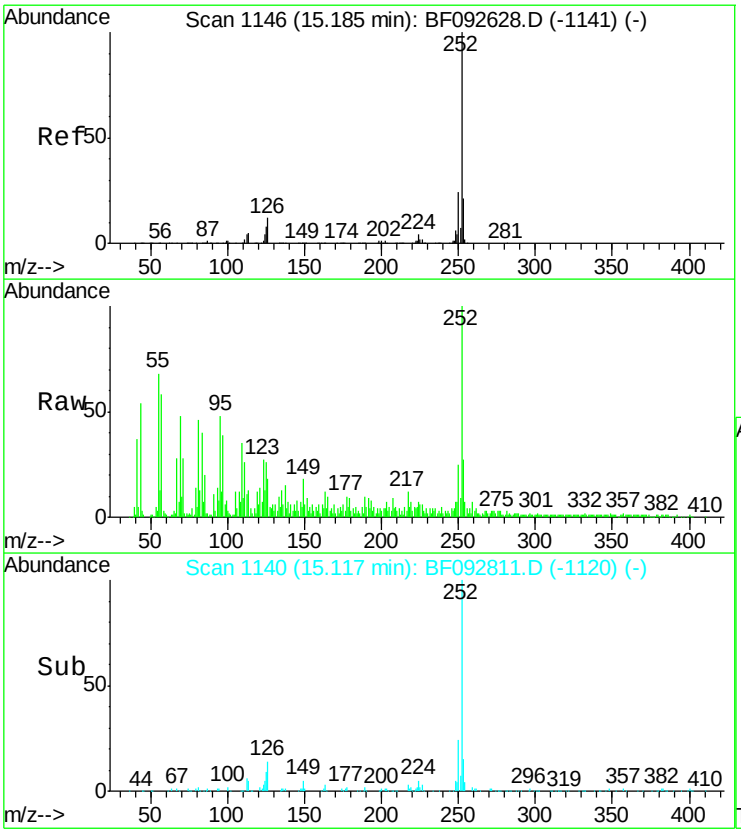
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:264 Resp: 276906

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.4	17.4	26.0

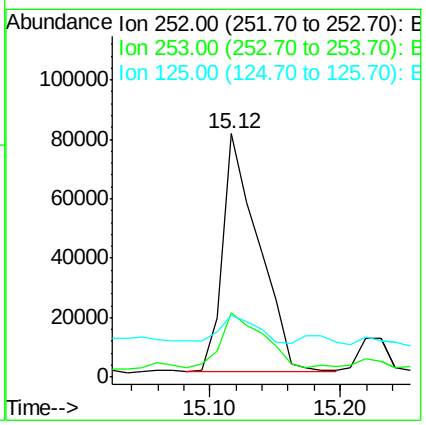


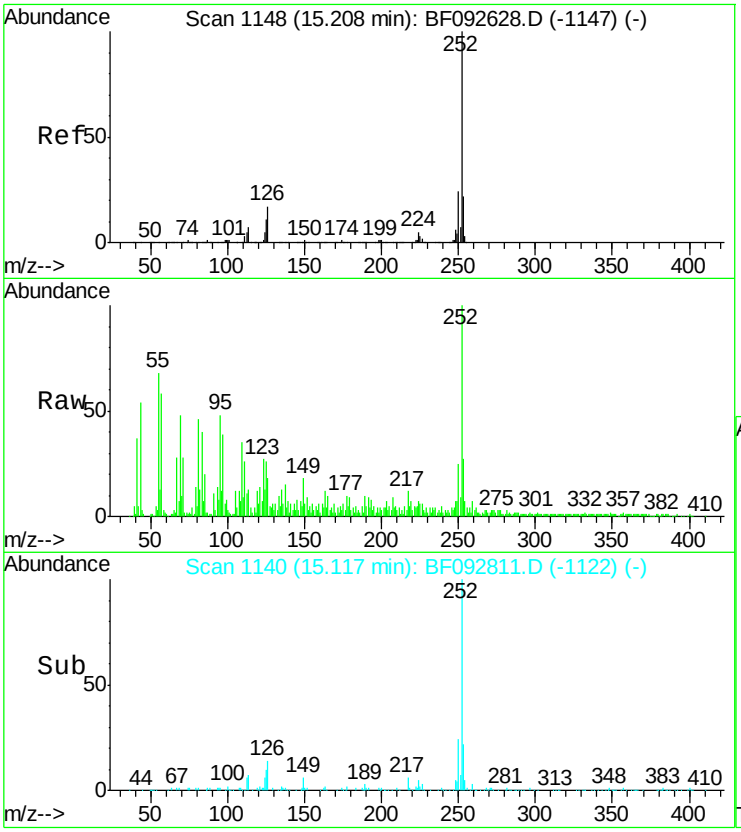


#87
Benzo(b)fluoranthene
Concen: 8.51 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:252 Resp: 155020

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.4
125	25.6	9.8	14.6#



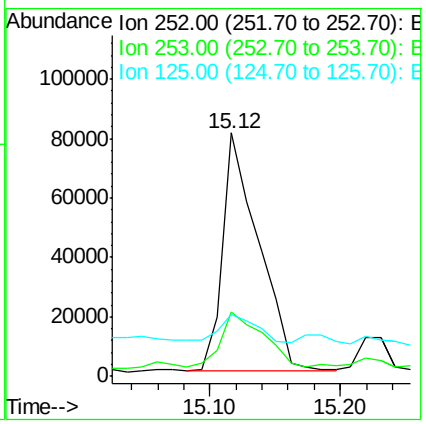


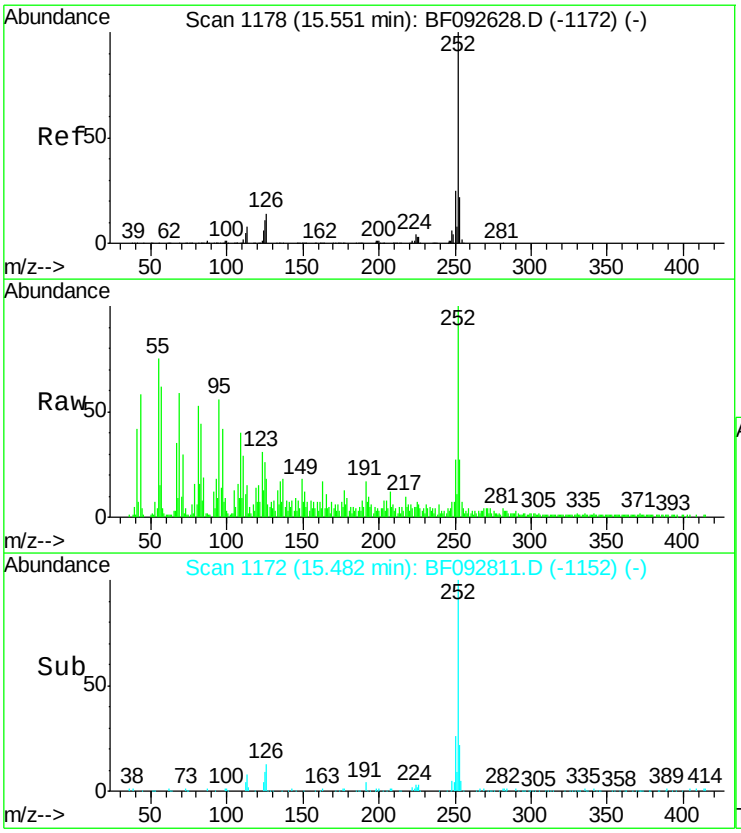
#88
Benzo(k)fluoranthene
Concen: 9.85 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.09 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:252 Resp: 155020

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.5	27.7
125	25.6	8.9	13.3#

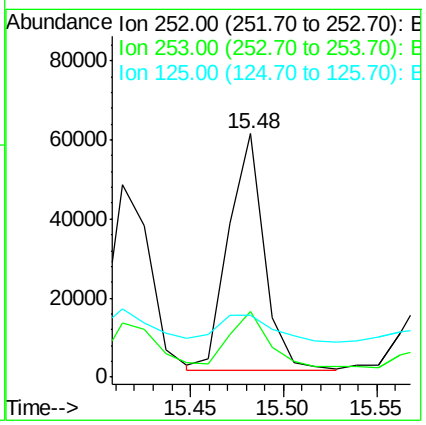


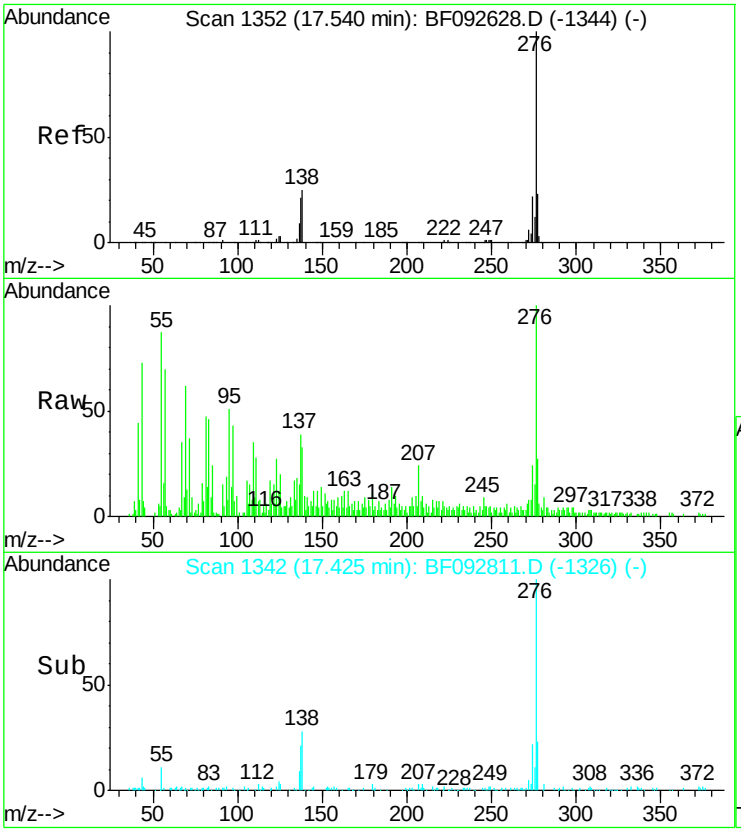


#89
Benzo(a)pyrene
Concen: 5.01 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:252 Resp: 78988

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.2	27.2
125	25.5	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 4.43 ng
RT: 17.43 min Scan# 1342
Delta R.T. -0.11 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:276 Resp: 57023

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.2	28.8
138	32.7	16.0	24.0#