Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092230.D
Acq On : 13 Jan 2017 2:52
Operator : UM/SJ
Sample : I1131-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-001

Quant Time: Jan 13 06:46:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	166268	20.00	ng		-0.05
21) Naphthalene-d8	7.88	136	571642	20.00	ng		-0.06
38) Acenaphthene-d10	9.62	164	416551	20.00	ng		-0.06
63) Phenanthrene-d10	11.11	188	653366	20.00	ng		-0.05
75) Chrysene-d12	13.73	240	396754	20.00	ng		-0.06
86) Perylene-d12	15.09	264	414720	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1110755	111.55	ng		-0.05
7) Phenol-d6	6.26	99	1681034	138.27	ng		-0.05
23) Nitrobenzene-d5	7.17	82	984060	95.72	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	406462	117.91	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1242127	56.82	ng		-0.05
78) Terphenyl-d14	12.69	244	1142195	69.82	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.28	94	96135	6.94	ng	#	66
19) n-Nitroso-di-n-propylamine	7.17	70	131673	16.28	ng	#	76
25) Isophorone	7.17	82	978056	51.57	ng	#	65
37) 2-Methylnaphthalene	8.60	142	2319	Below Cal			95
49) Dimethylphthalate	9.36	163	381527	14.32	ng		99
56) 2,4-Dinitrotoluene	9.62	165	54592	7.46	ng	#	20
66) 4-Bromophenyl-phenylether	10.42	248	23786	3.50	ng	#	1
70) Phenanthrene	11.13	178	397656	11.22	ng		96
71) Anthracene	11.18	178	106156	2.05	ng		97
73) Di-n-butylphthalate	11.68	149	8965	Below Cal		#	92
74) Fluoranthene	12.31	202	575016	16.04	ng		98
76) Benzidine	12.69	184	14690	Below Cal		#	96
77) Pyrene	12.54	202	520076	17.87	ng		98
80) Benzo(a)anthracene	13.72	228	223808	9.99	ng		98
82) Chrysene	13.72	228	223808	9.96	ng		96
85) Indeno(1,2,3-cd)pyrene	16.33	276	131627	6.76	ng		97
87) Benzo(b)fluoranthene	14.72	252	352599	13.66	ng	#	98
88) Benzo(k)fluoranthene	14.72	252	352599	16.01	ng	#	97
89) Benzo(a)pyrene	15.04	252	189269	8.26	ng		97
91) Benzo(g,h,i)perylene	16.70	276	118959	6.07	ng	#	88

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

Quantitation Report (Not Reviewed)

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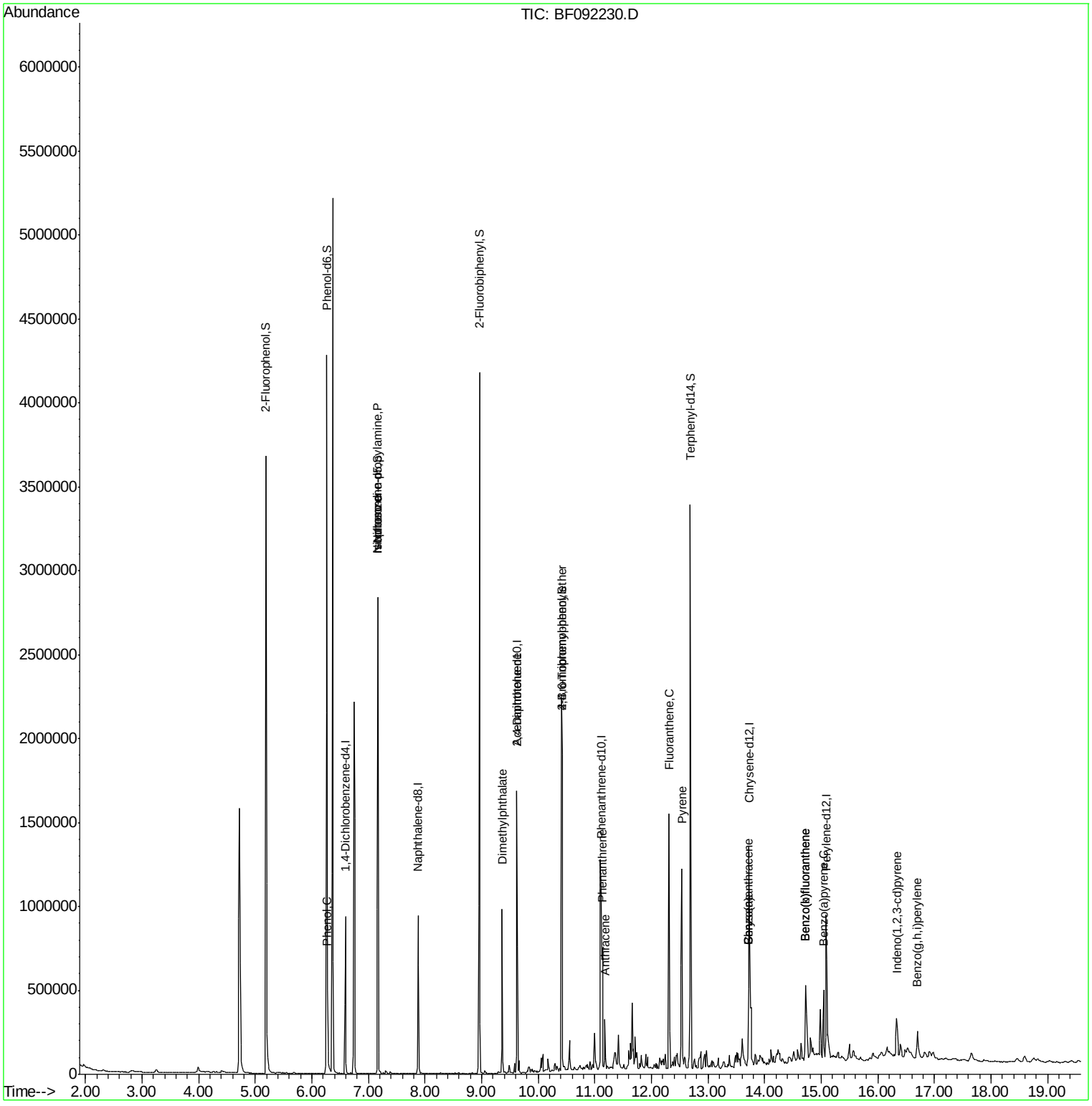
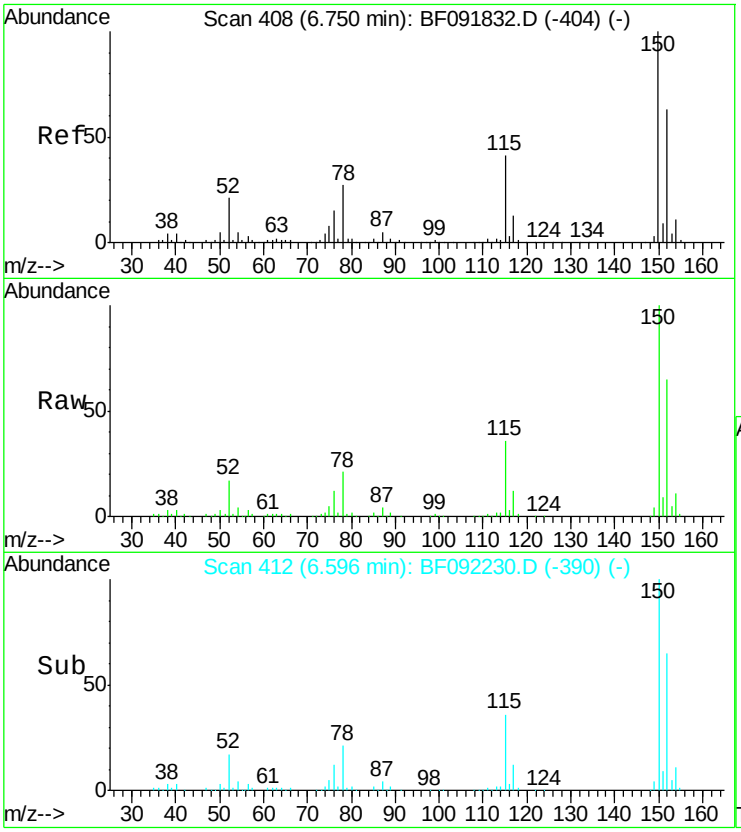


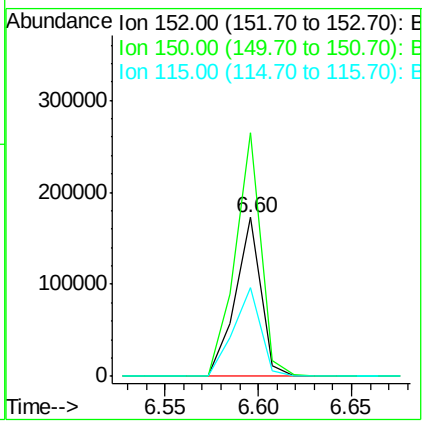


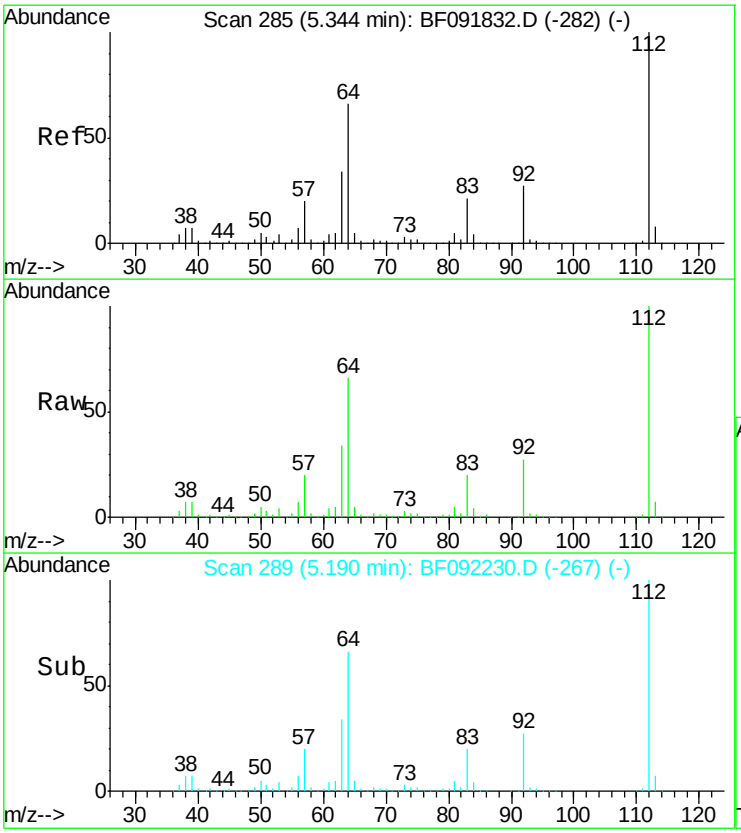
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:152 Resp: 166268

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.9	187.3
115	55.8	46.0	69.0

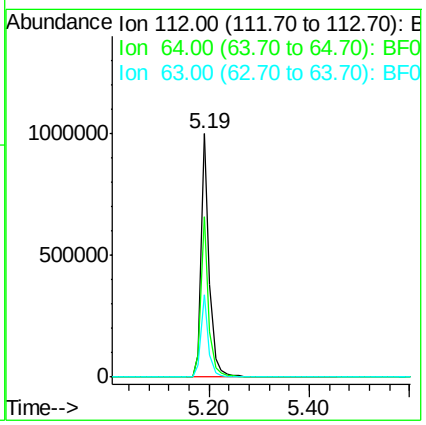


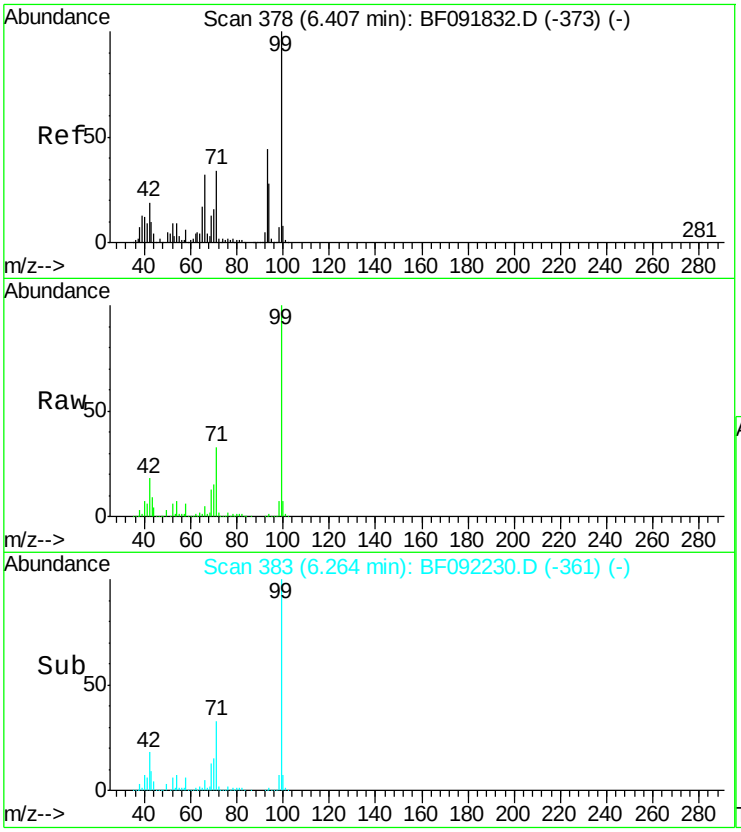


#5
2-Fluorophenol
Concen: 111.55 ng
RT: 5.19 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:112 Resp: 1110755

Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.1	69.1
63	33.8	23.8	35.6



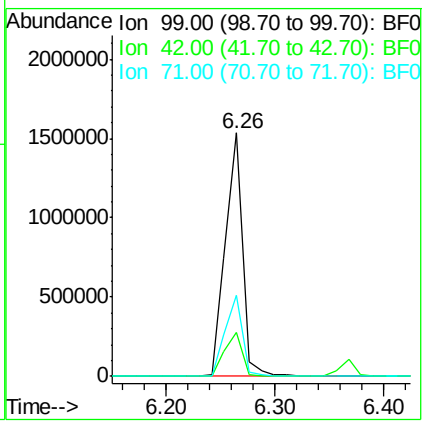


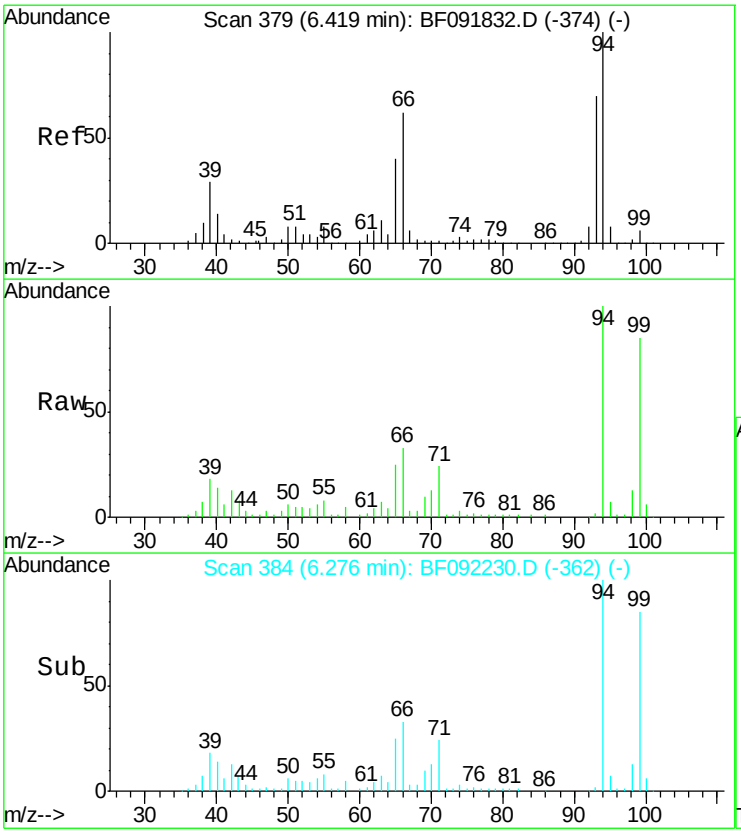
#7
Phenol-d6
Concen: 138.27 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion: 99 Resp: 1681034

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	33.4	27.5	41.3

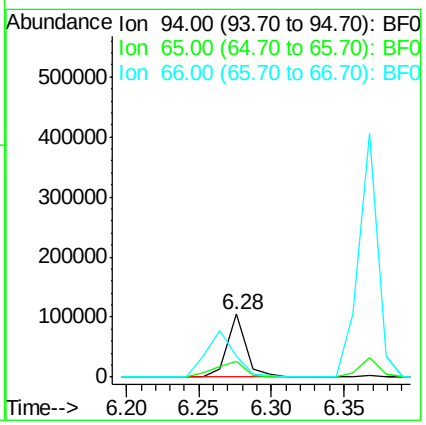


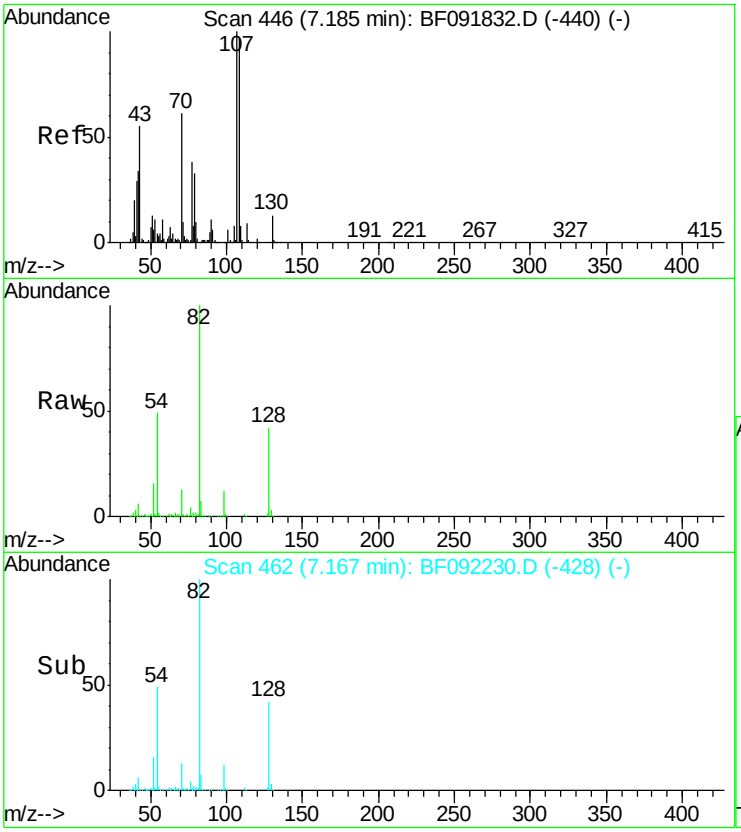


#10
Phenol
Concen: 6.94 ng
RT: 6.28 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion: 94 Resp: 96135

Ion	Ratio	Lower	Upper
94	100		
65	25.0	21.4	61.4
66	33.0	44.0	84.0#



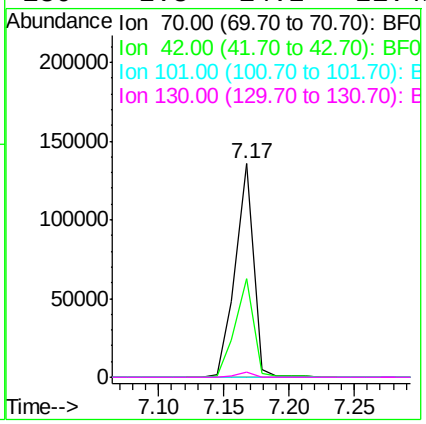


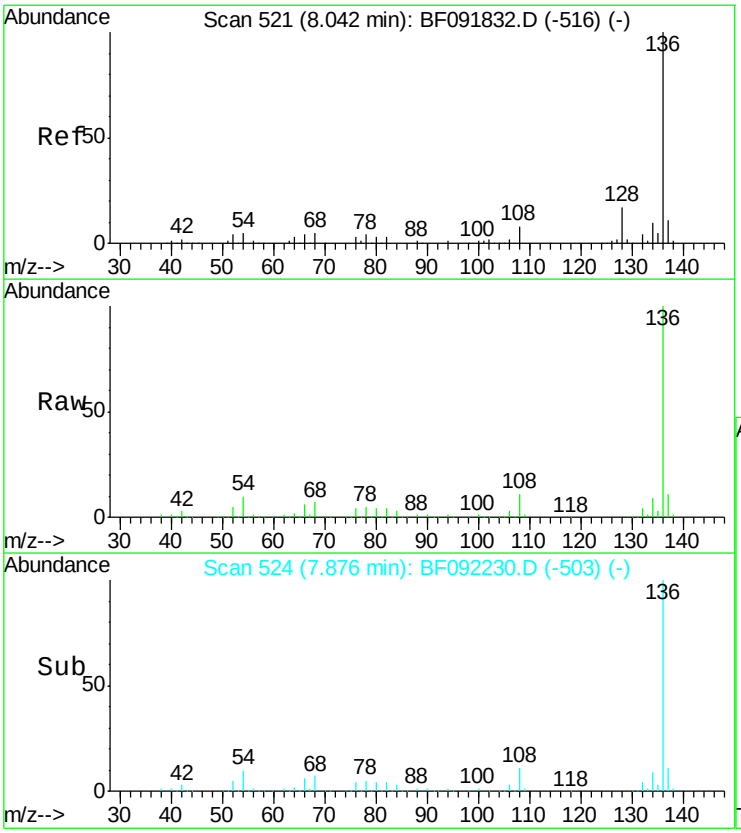
#19
n-Nitroso-di-n-propylamine
Concen: 16.28 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion: 70 Resp: 131673

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

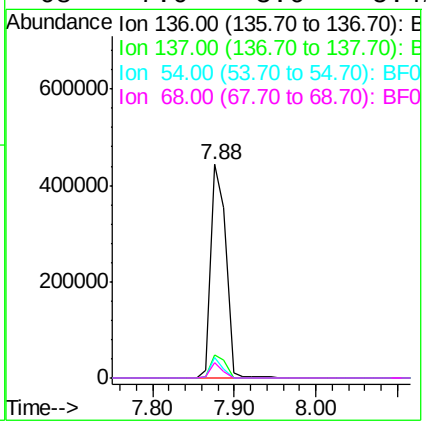


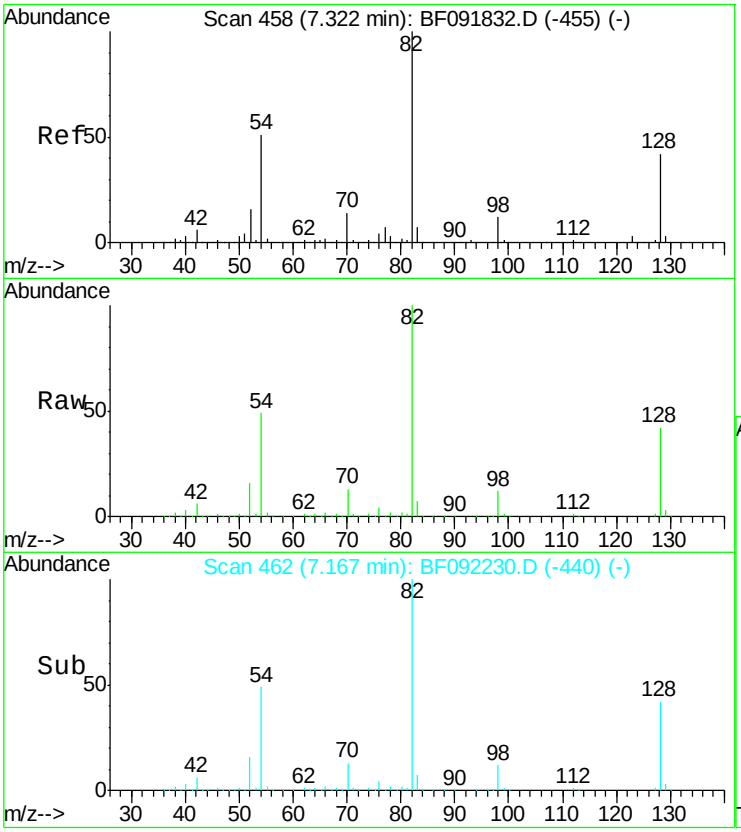


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:136 Resp: 571642

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.9	4.5	6.7#
68	7.0	3.6	5.4#



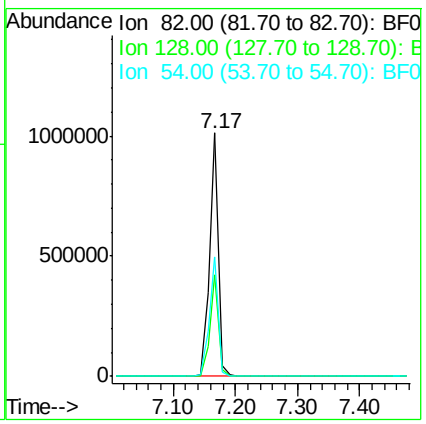


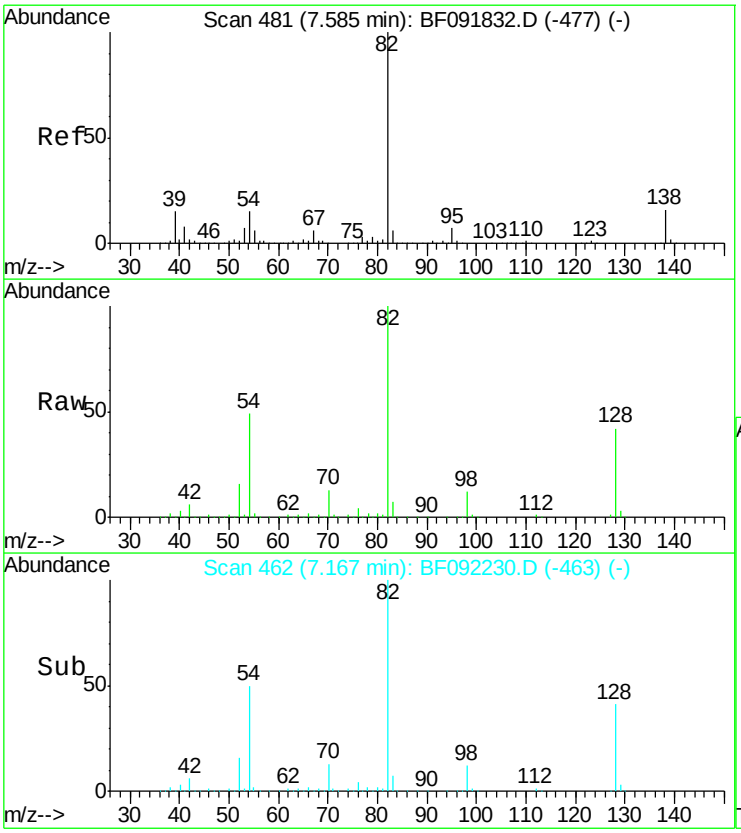
#23
Nitrobenzene-d5
Concen: 95.72 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion: 82 Resp: 984060

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	49.2	39.5	59.3

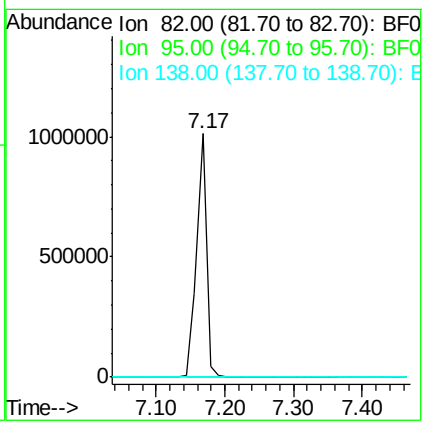


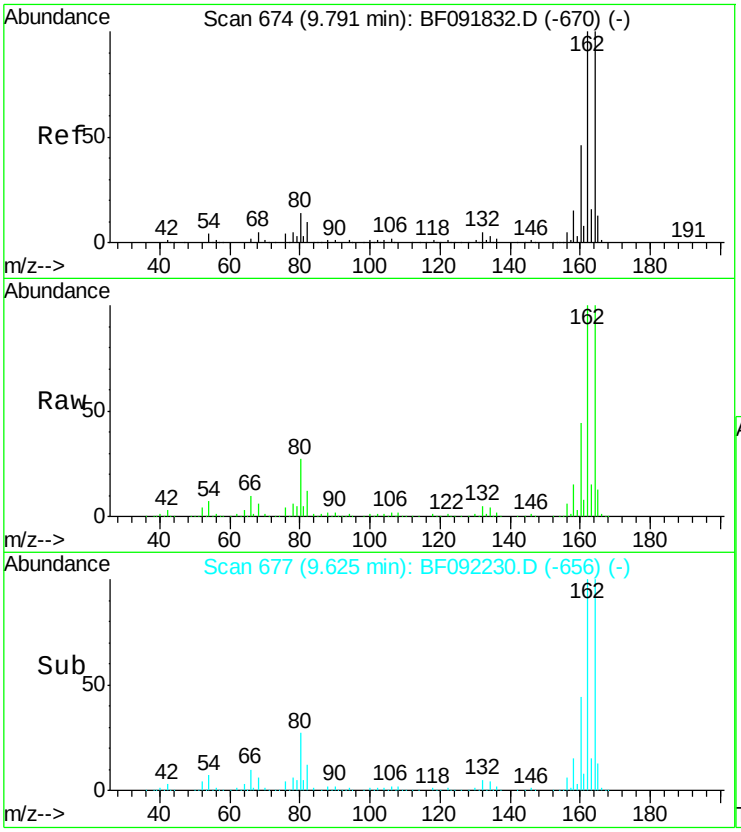


#25
Isophorone
Concen: 51.57 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion: 82 Resp: 978056

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



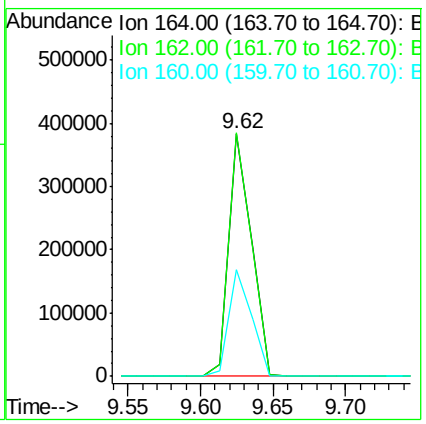


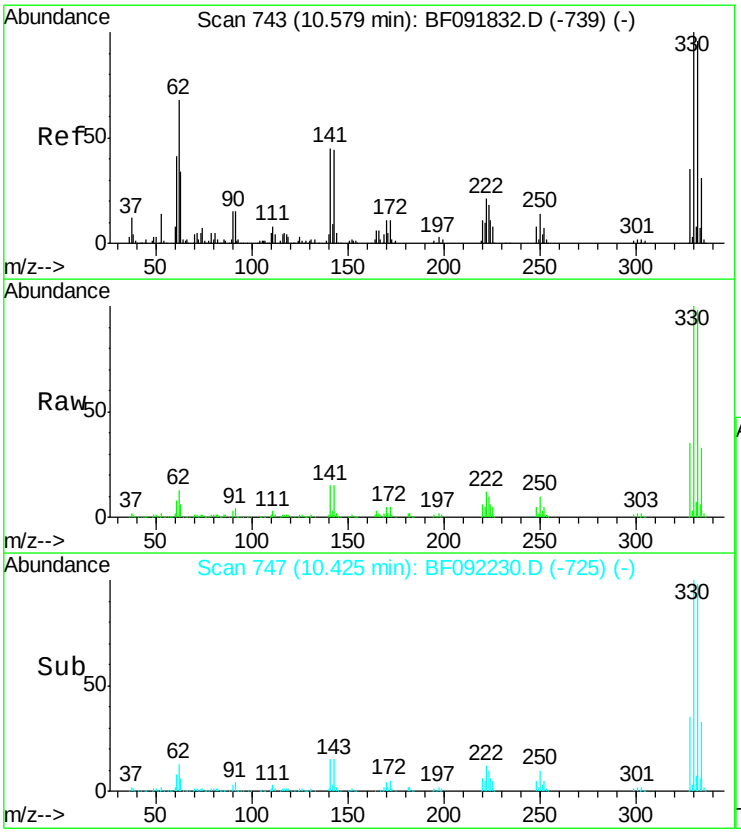
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:164 Resp: 416551

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	44.2	36.9	55.3

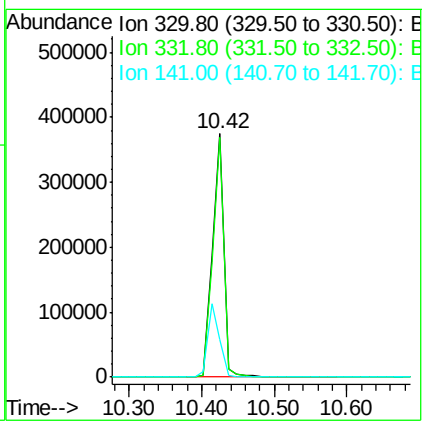


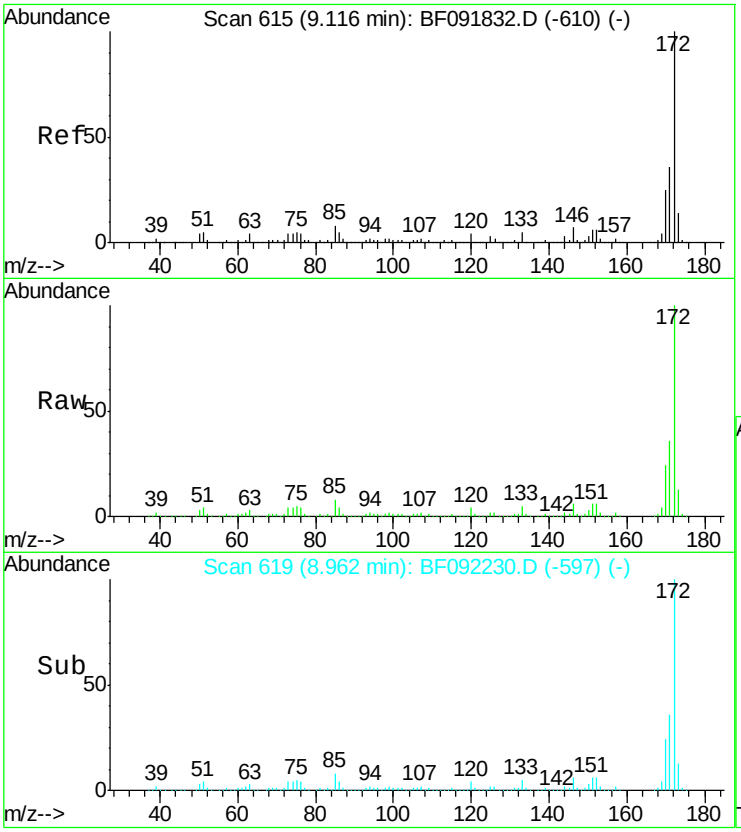


#41
2,4,6-Tribromophenol
Concen: 117.91 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:330 Resp: 406462

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	31.3	34.1	51.1#



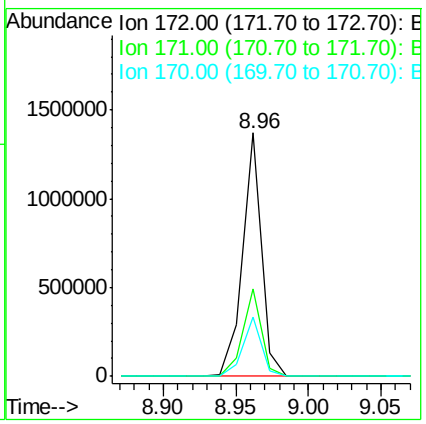


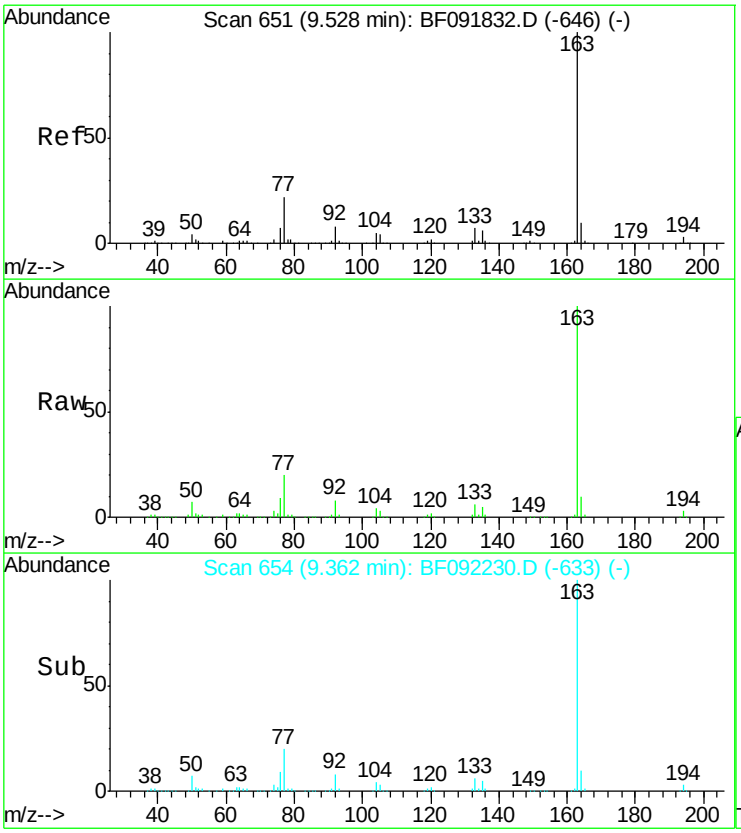
#44
2-Fluorobiphenyl
Concen: 56.82 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:172 Resp: 1242127

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.2	20.2	30.4

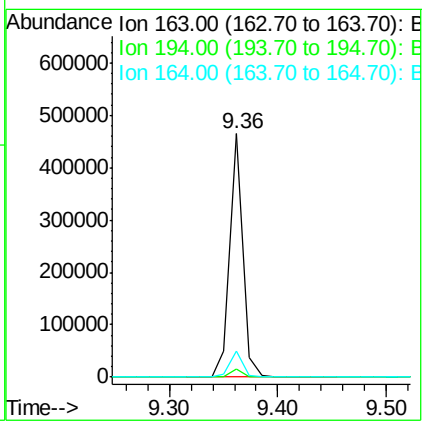


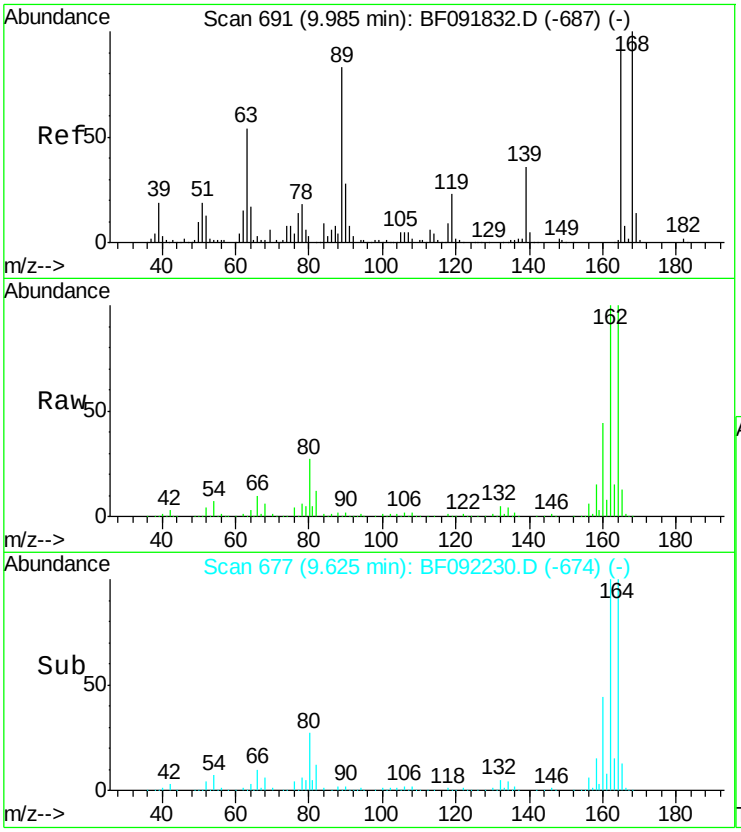


#49
Dimethylphthalate
Concen: 14.32 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:163 Resp: 381527

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.5	8.0	12.0



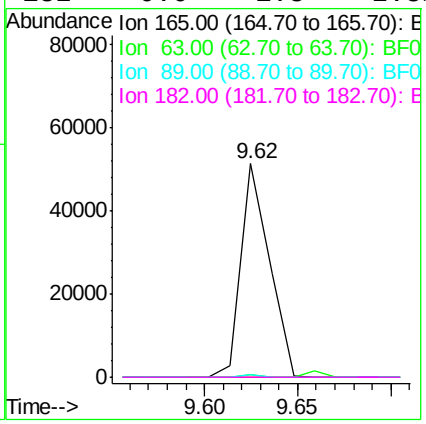


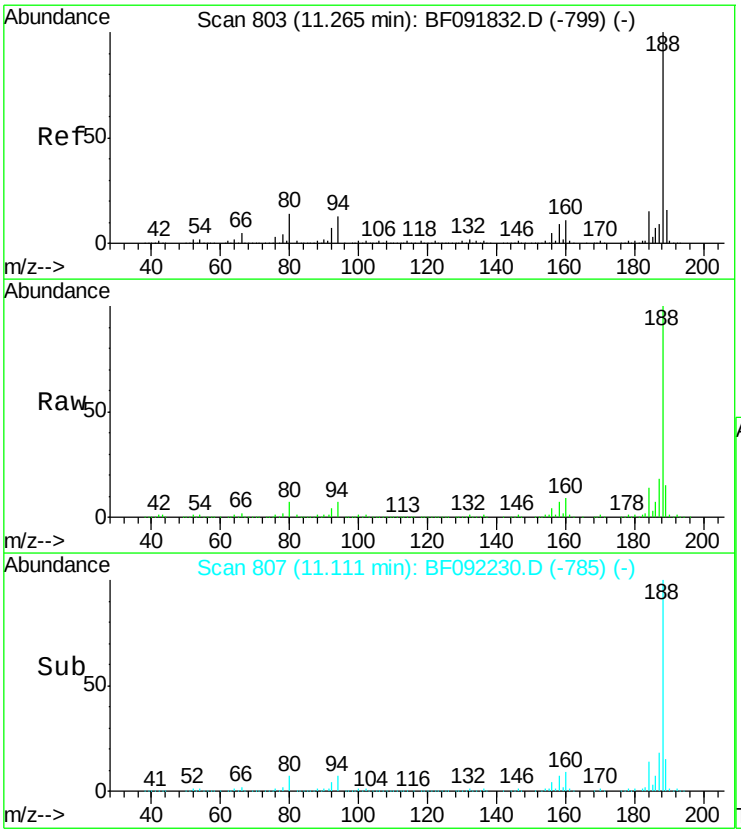
#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:165 Resp: 54592

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

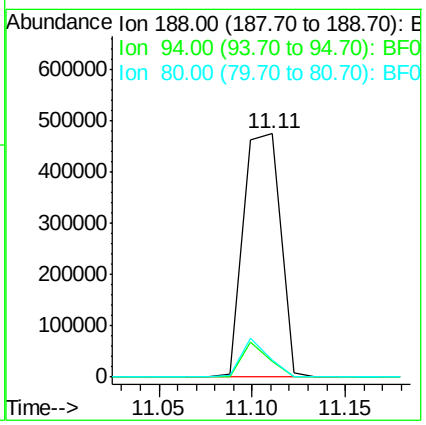


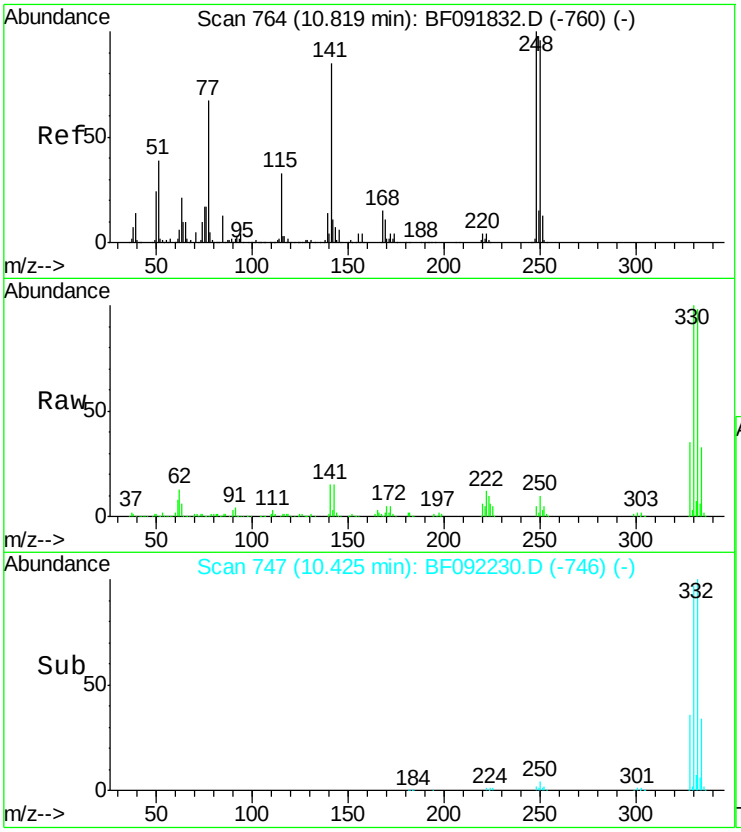


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:188 Resp: 653366

Ion	Ratio	Lower	Upper
188	100		
94	6.6	10.0	15.0#
80	6.8	11.2	16.8#



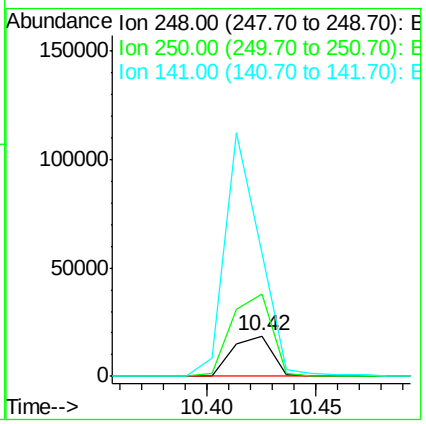


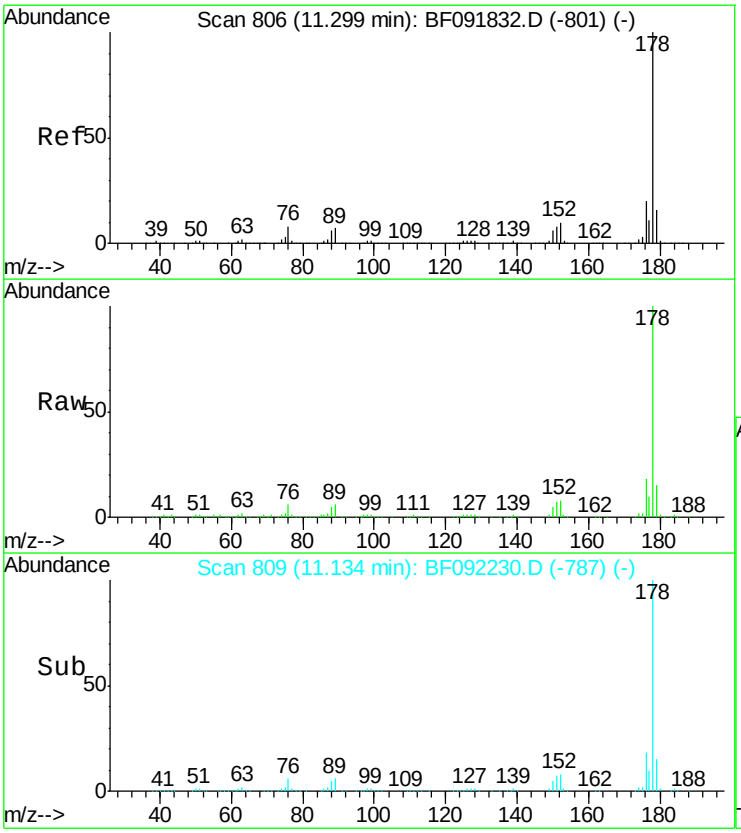
#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:248 Resp: 23786

Ion	Ratio	Lower	Upper
248	100		
250	206.4	76.9	115.3#
141	309.0	68.2	102.4#

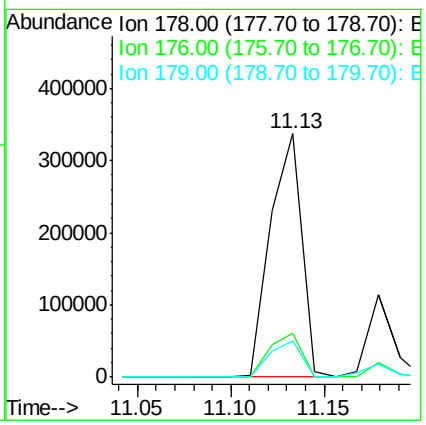


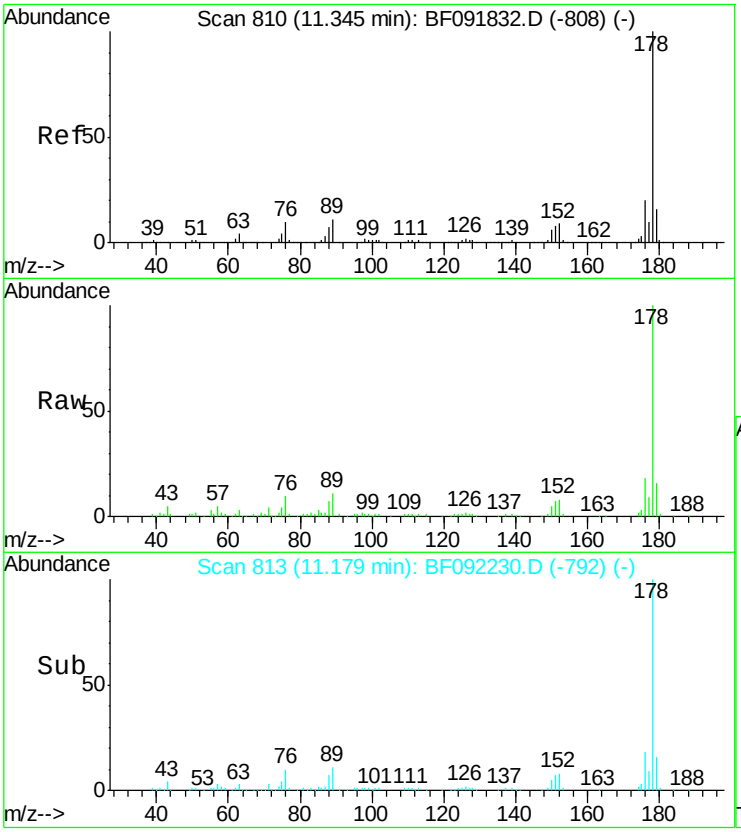


#70
Phenanthrene
Concen: 11.22 ng
RT: 11.13 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:178 Resp: 397656

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.6	25.0
179	15.0	12.8	19.2



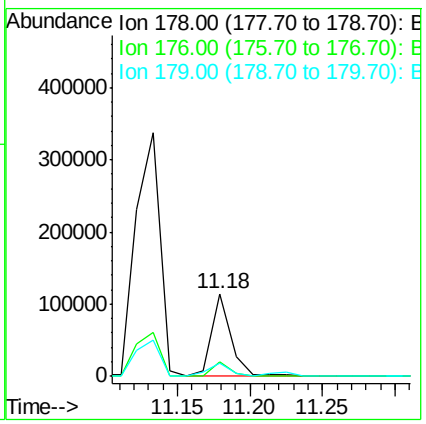


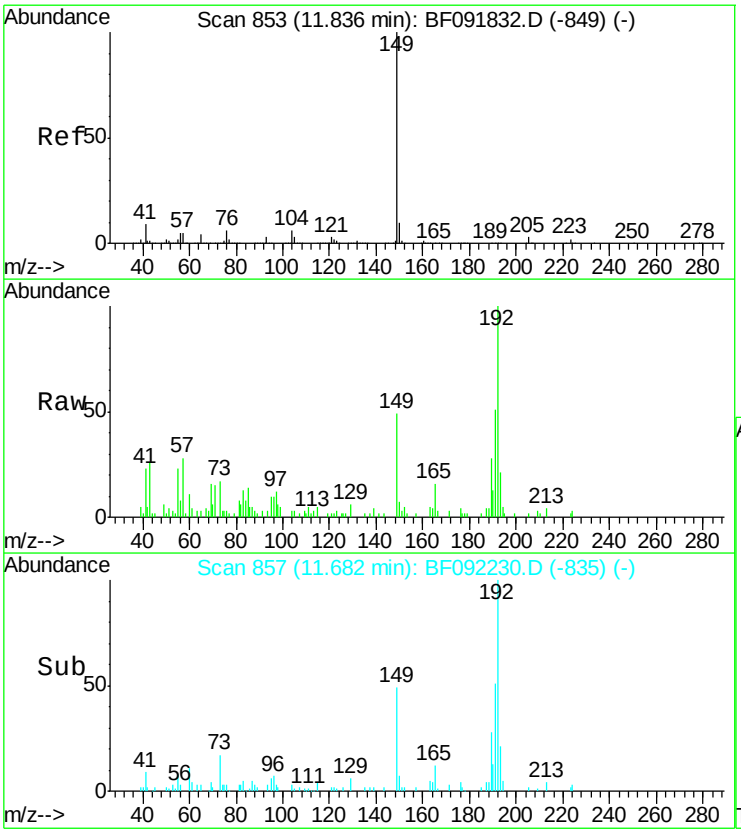
#71
Anthracene
Concen: 2.05 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:178 Resp: 106156

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	16.1	13.2	19.8

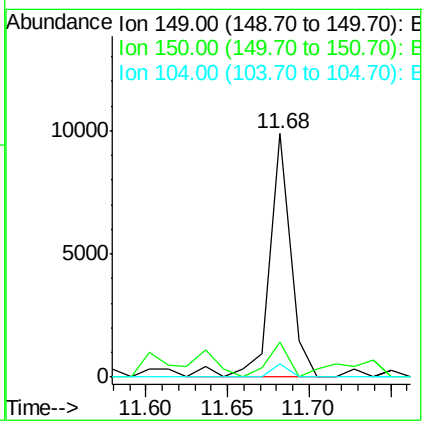


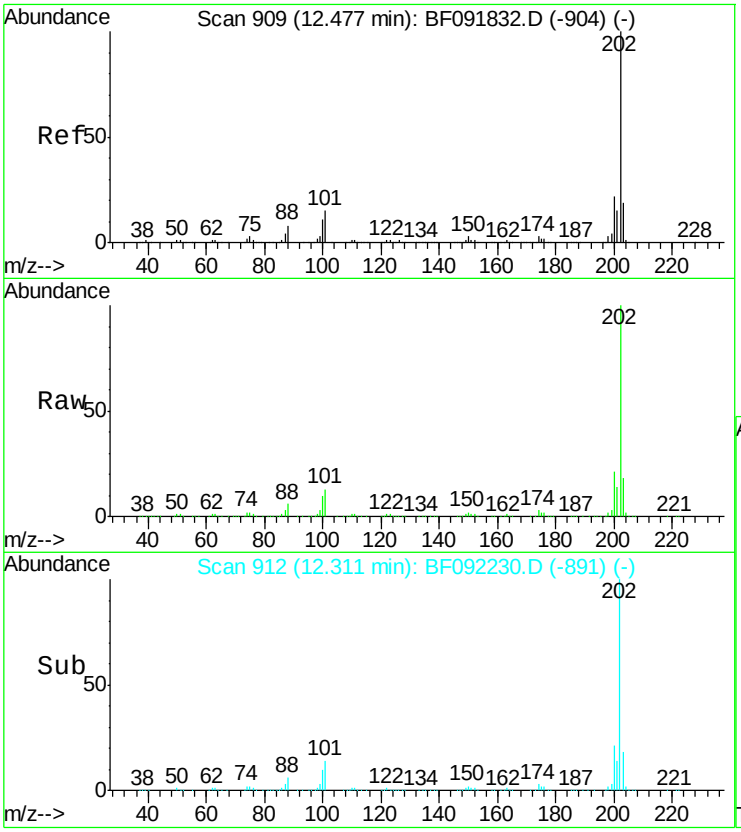


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:149 Resp: 8965

Ion	Ratio	Lower	Upper
149	100		
150	14.5	8.1	12.1#
104	5.5	4.6	7.0



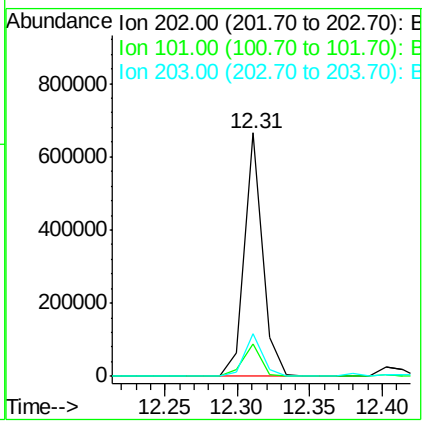


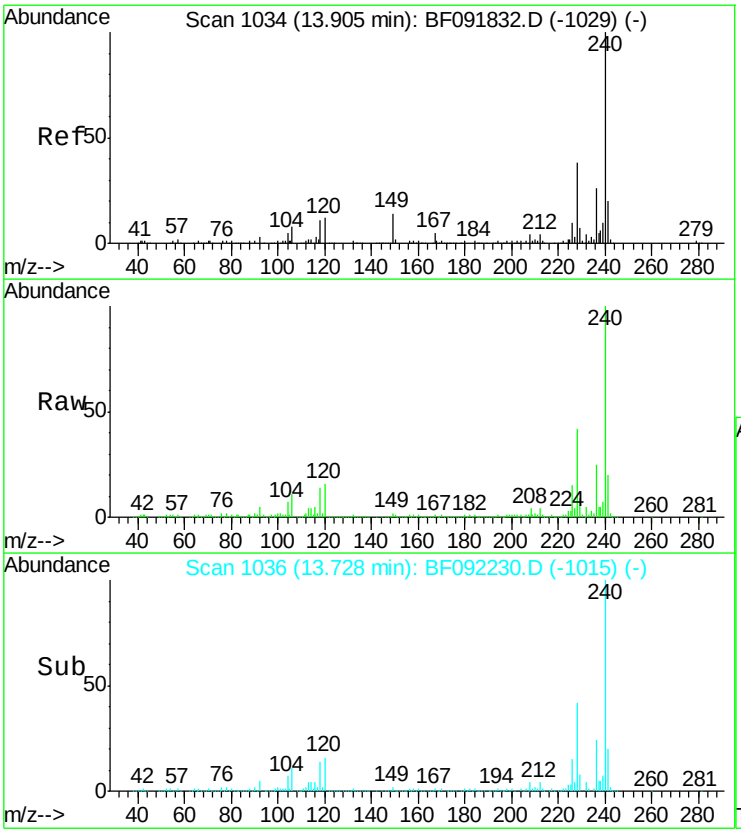
#74
Fluoranthene
Concen: 16.04 ng
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:202 Resp: 575016

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.6
203	17.7	0.0	38.7

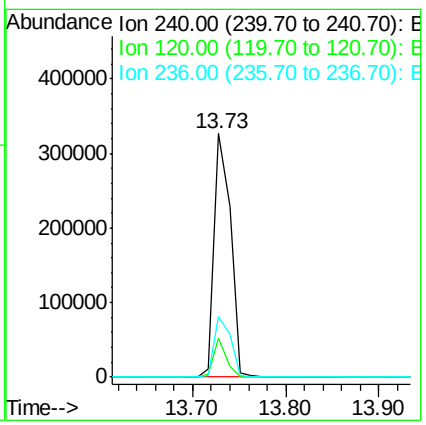


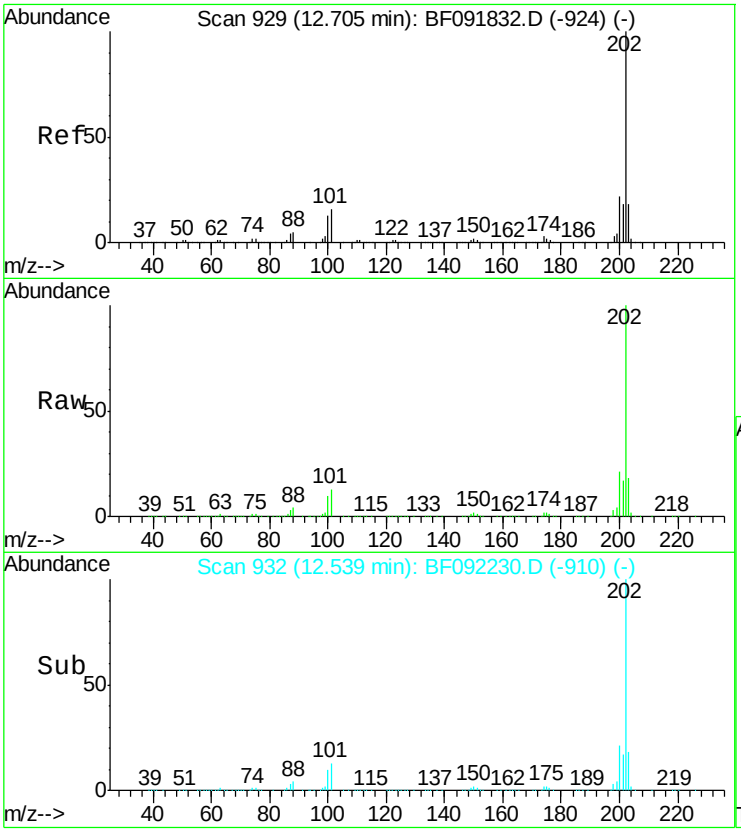


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:240 Resp: 396754

Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.9	19.3
236	24.8	20.9	31.3



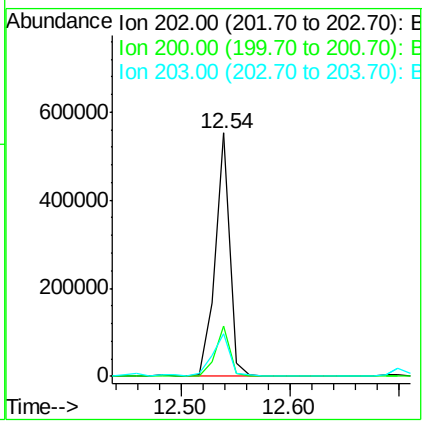


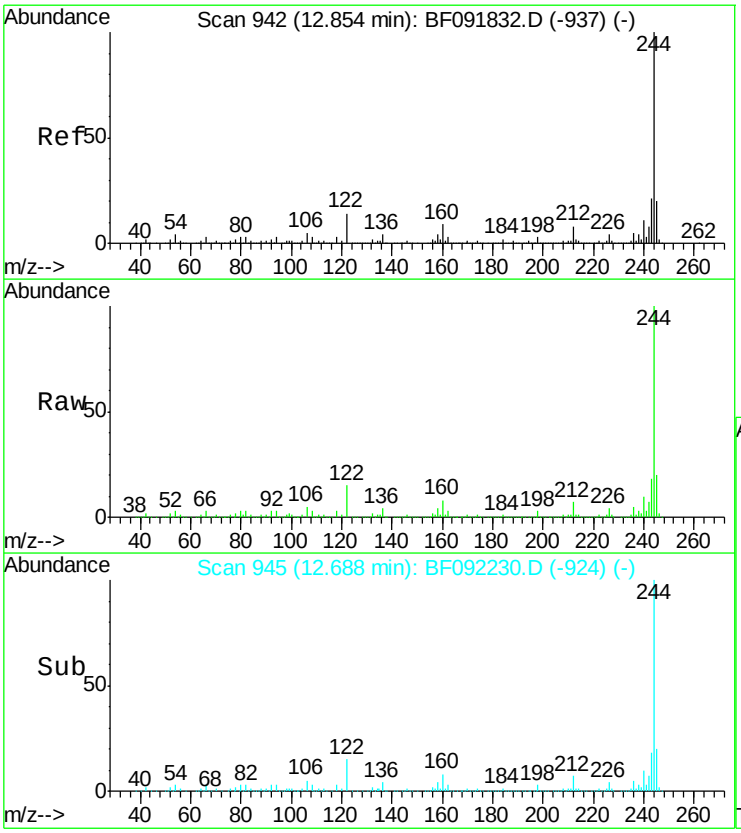
#77
Pyrene
Concen: 17.87 ng
RT: 12.54 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:202 Resp: 520076

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	17.8	14.7	22.1

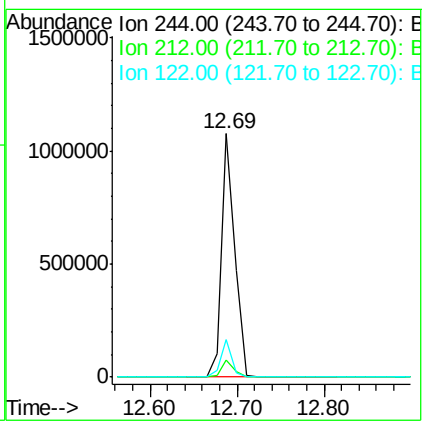


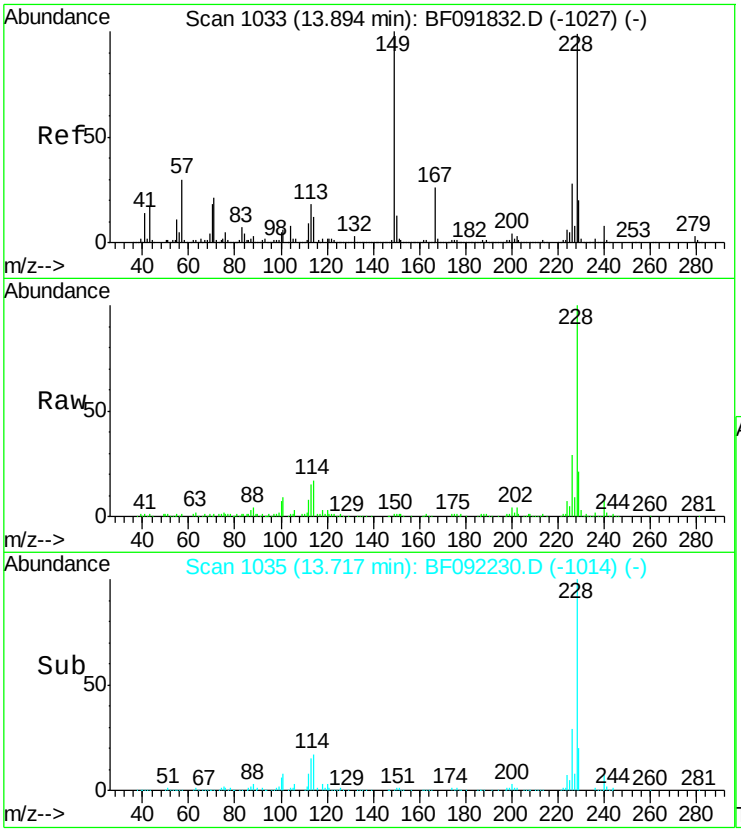


#78
Terphenyl-d14
Concen: 69.82 ng
RT: 12.69 min Scan# 945
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:244 Resp: 1142195

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	15.2	11.4	17.2



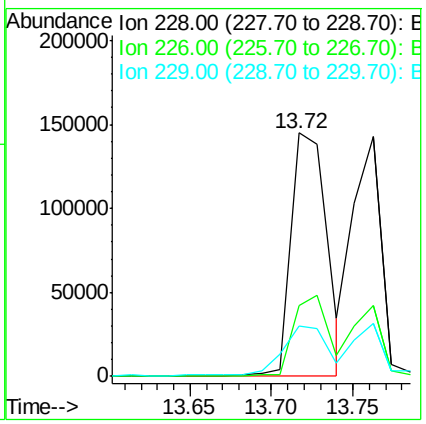


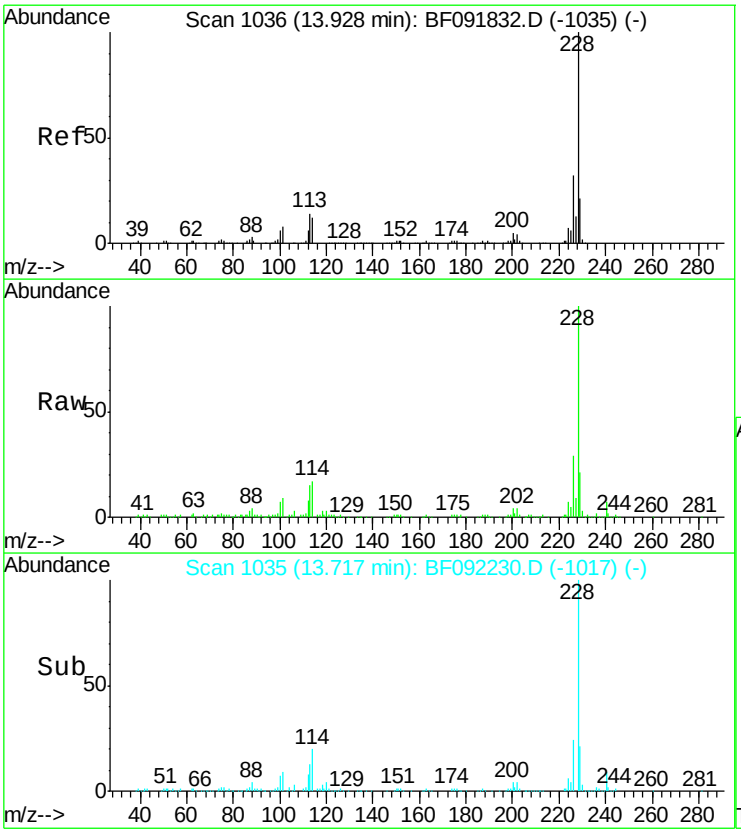
#80
Benzo(a)anthracene
Concen: 9.99 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:228 Resp: 223808

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.4	33.6
229	20.9	16.2	24.4

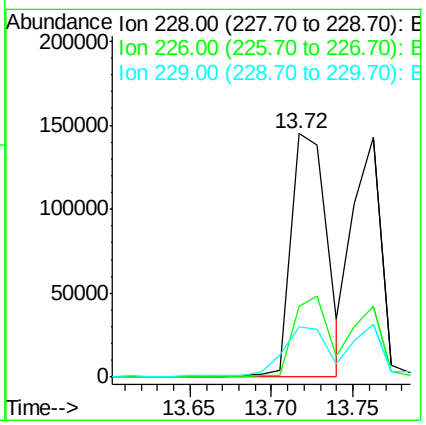


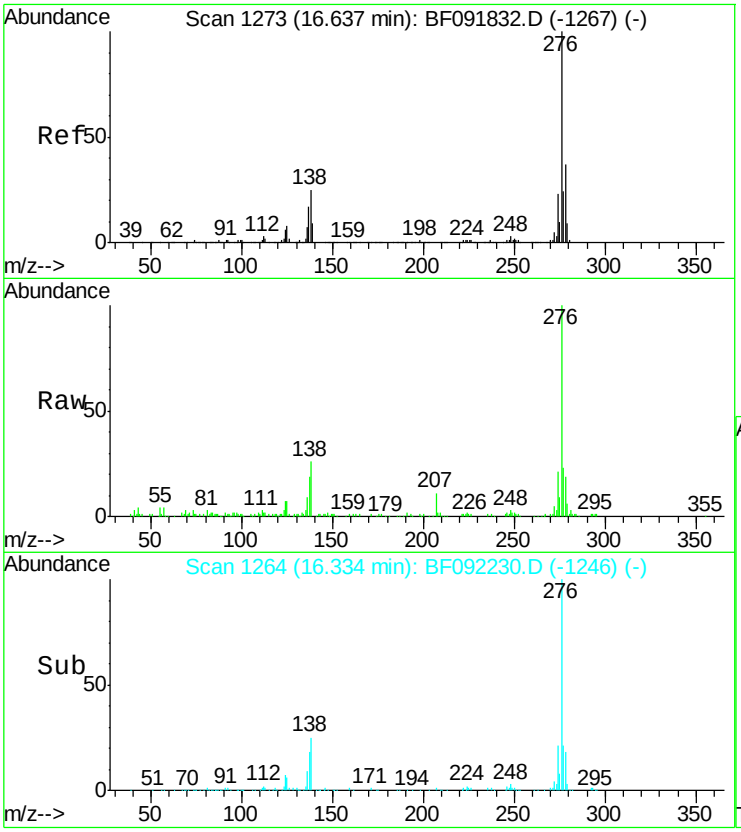


#82
Chrysene
Concen: 9.96 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.09 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:228 Resp: 223808

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.4	38.0
229	20.9	16.2	24.2



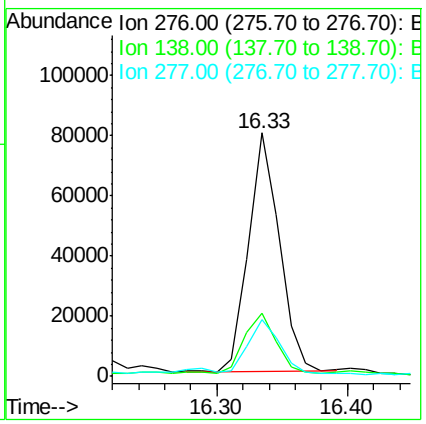


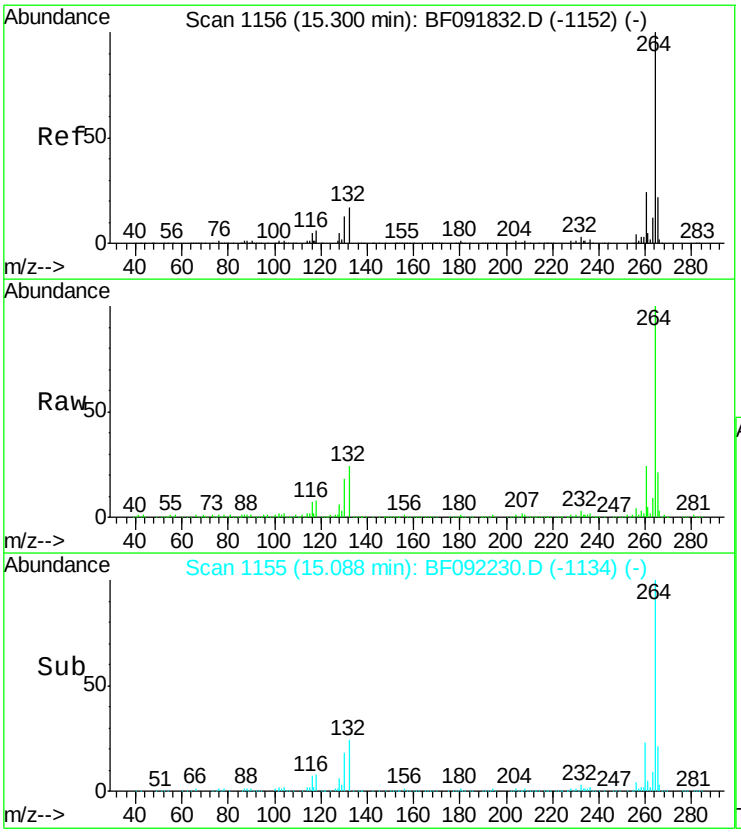
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.76 ng
RT: 16.33 min Scan# 1264
Delta R.T. -0.09 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:276 Resp: 131627

Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.8	32.6
277	27.4	20.2	30.4

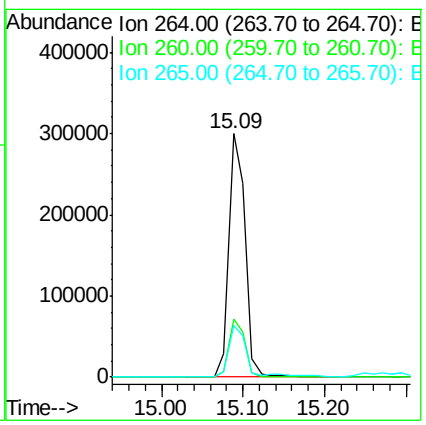


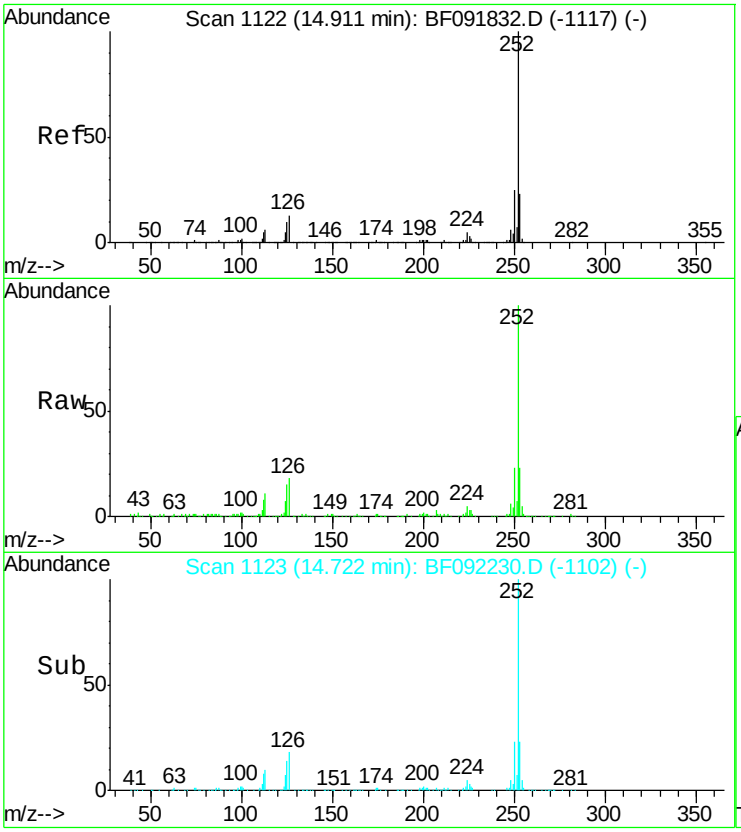


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:264 Resp: 414720

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.4	26.0



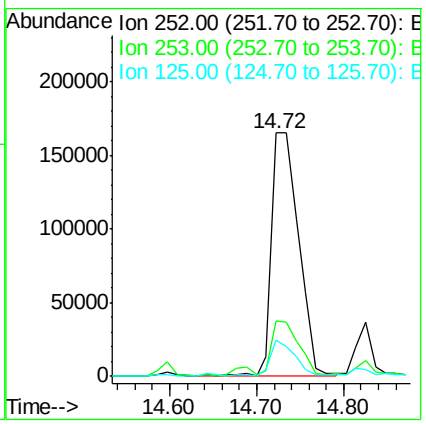


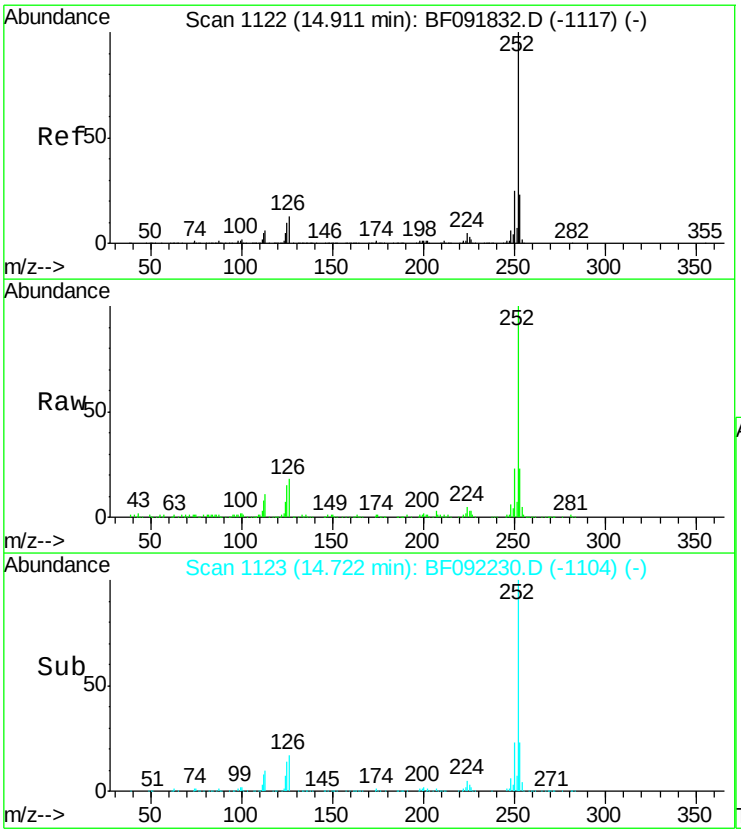
#87
Benzo(b)fluoranthene
Concen: 13.66 ng
RT: 14.72 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:252 Resp: 352599

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	14.7	9.8	14.6#

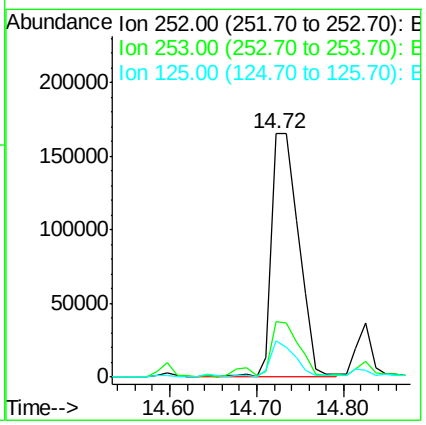


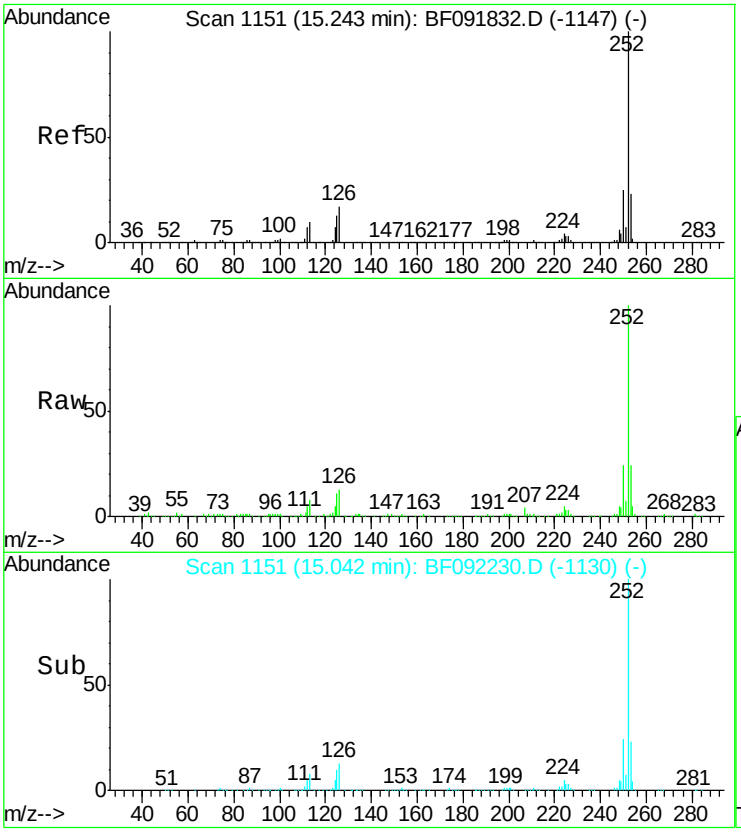


#88
Benzo(k)fluoranthene
Concen: 16.01 ng
RT: 14.72 min Scan# 1123
Delta R.T. -0.08 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:252 Resp: 352599

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	14.7	8.9	13.3#



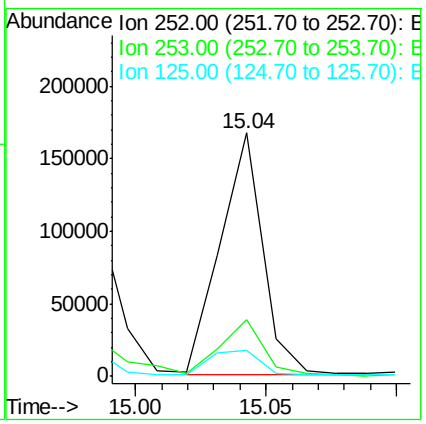


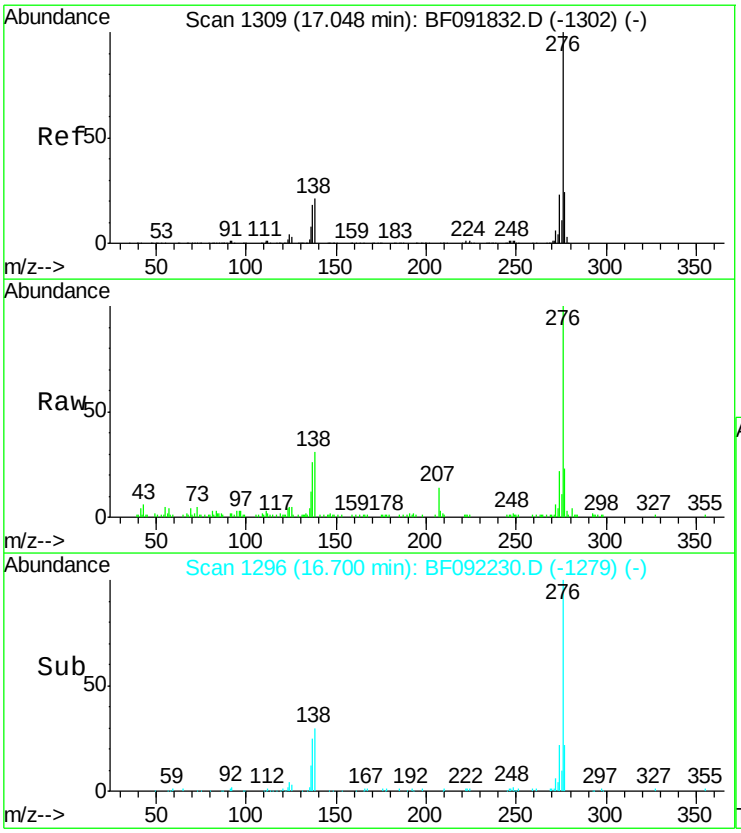
#89
Benzo(a)pyrene
Concen: 8.26 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
SW-001

Tgt Ion:252 Resp: 189269

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	10.7	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 6.07 ng
RT: 16.70 min Scan# 1296
Delta R.T. -0.10 min
Lab File: BF092230.D
Acq: 13 Jan 2017 2:52

Tgt Ion:276 Resp: 118959

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.2	28.8
138	30.6	16.0	24.0#