Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092524.D
Acq On : 26 Jan 2017 14:32
Operator : SJ/MA
Sample : I1312-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CAS-SB-01-0-2

Quant Time: Jan 27 00:01:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140223	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	498550	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	248495	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	376274	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	274432	20.00	ng		-0.01
86) Perylene-d12	15.65	264	205733	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	552225	61.27	ng		0.01
7) Phenol-d6	6.59	99	700032	60.98	ng		0.00
23) Nitrobenzene-d5	7.53	82	352430	38.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	95654	56.49	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	572846	42.63	ng		-0.01
78) Terphenyl-d14	13.11	244	460281	44.66	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.60	94	40049	2.89	ng	#	67
25) Isophorone	7.53	82	342683	19.05	ng	#	65
32) Benzoic acid	8.04	122	794	4.81	ng	#	23
49) Dimethylphthalate	9.74	163	38996	2.47	ng	#	98
50) 2,6-Dinitrotoluene	10.03	165	34332	10.63	ng	#	31
64) 4,6-Dinitro-2-methylphenol	10.85	198	322	5.09	ng	#	1
70) Phenanthrene	11.54	178	61316	2.96	ng		99
74) Fluoranthene	12.73	202	126481	6.24	ng		99
77) Pyrene	12.96	202	115546	5.81	ng		99
80) Benzo(a)anthracene	14.18	228	95548	6.48	ng	#	86
82) Chrysene	14.18	228	95548	6.07	ng	#	90
83) Bis(2-ethylhexyl)phthalate	14.15	149	35093	3.46	ng	#	86
85) Indeno(1,2,3-cd)pyrene	17.14	276	24290	2.08	ng	#	88
87) Benzo(b)fluoranthene	15.22	252	77024	5.83	ng	#	38
88) Benzo(k)fluoranthene	15.22	252	76745	6.99	ng	#	39
89) Benzo(a)pyrene	15.59	252	30001	2.69	ng	#	26
91) Benzo(g,h,i)perylene	17.60	276	24470	2.68	ng	#	62

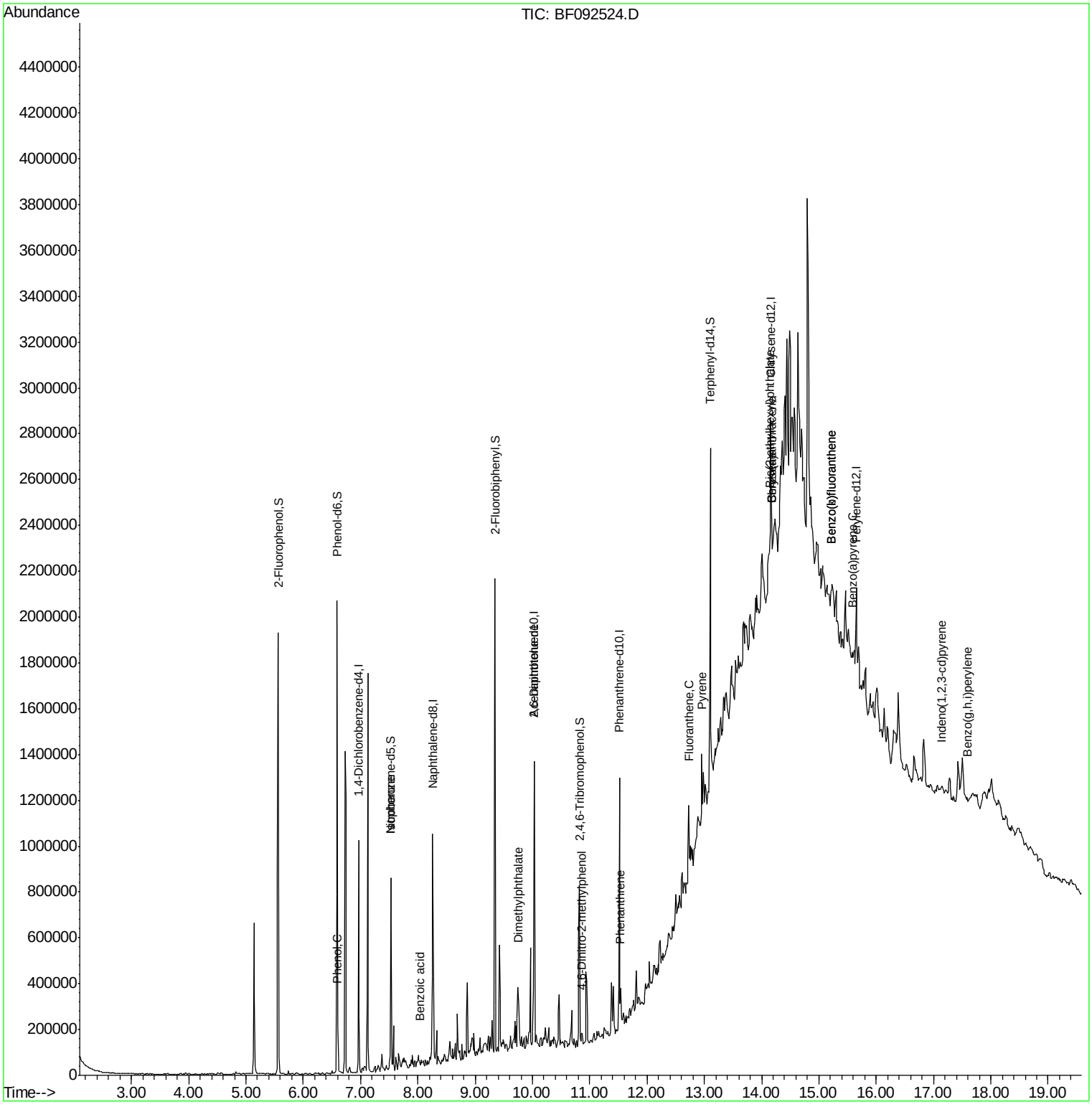
(#) = qualifier out of range (m) = manual integration (+) = signals summed

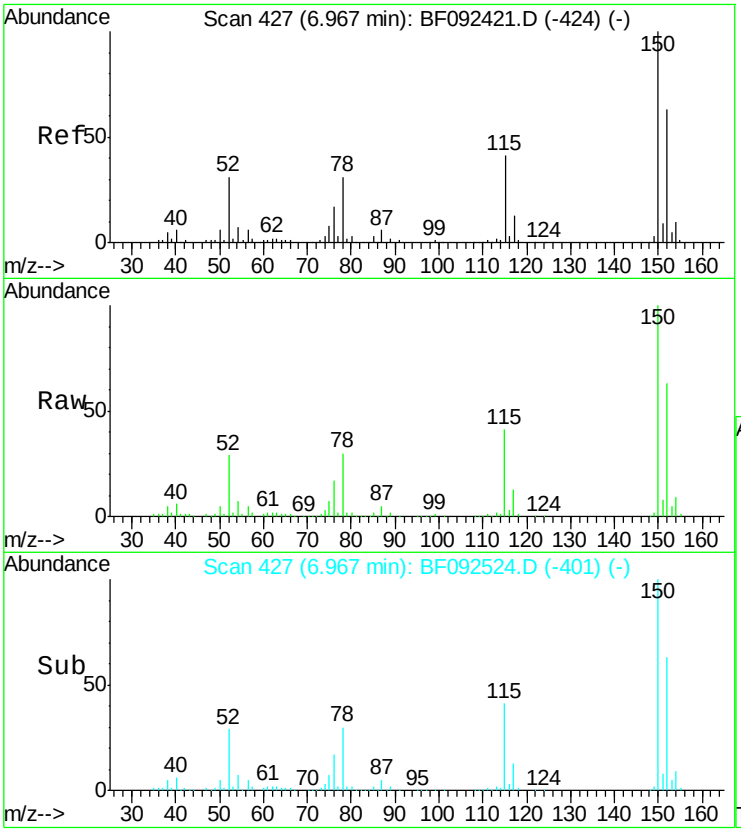
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092524.D
Acq On : 26 Jan 2017 14:32
Operator : SJ/MA
Sample : I1312-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Quant Time: Jan 27 00:01:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



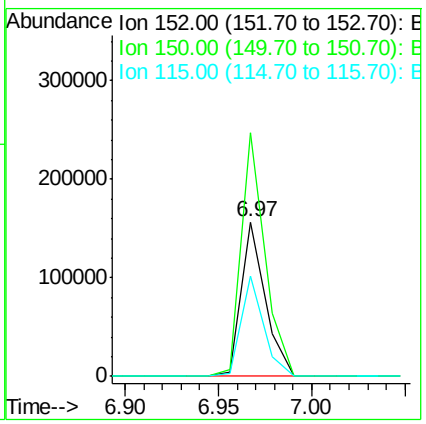


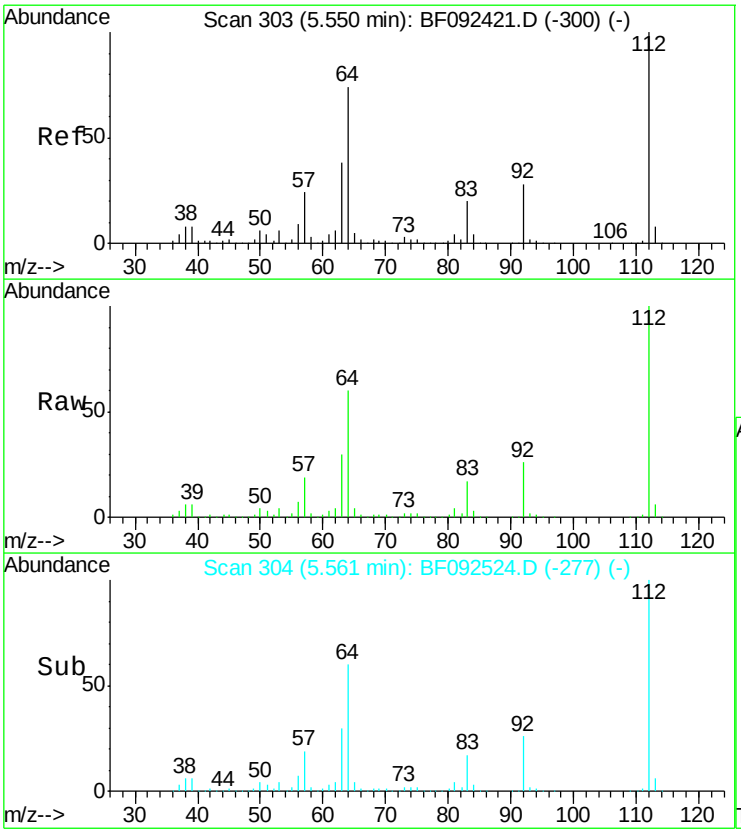
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:152 Resp: 140223

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	64.8	46.0	69.0

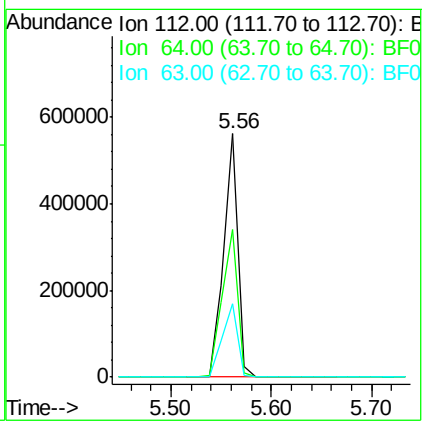


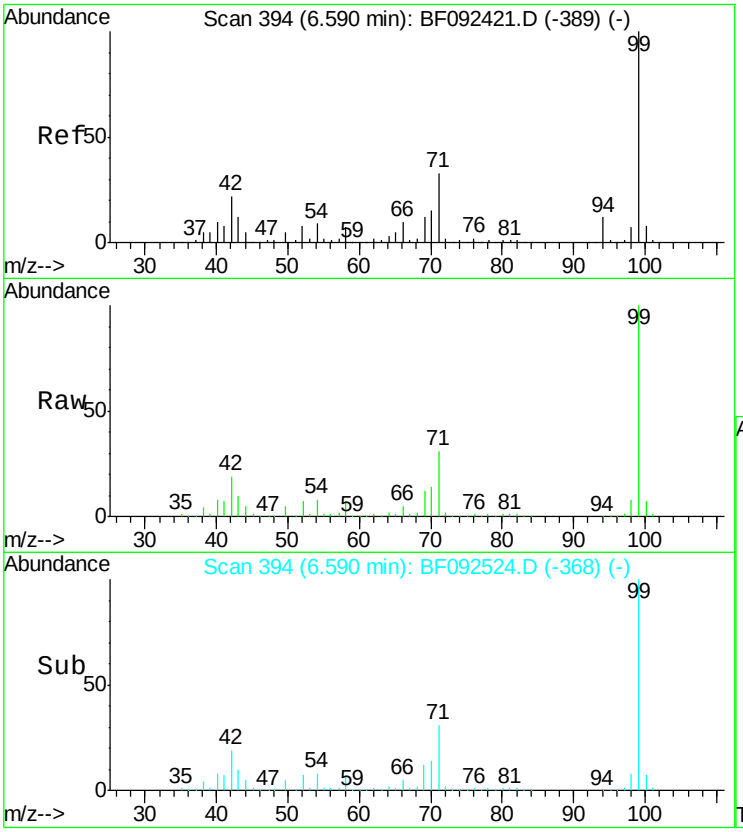


#5
2-Fluorophenol
Concen: 61.27 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:112 Resp: 552225

Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.1	69.1
63	30.1	23.8	35.6



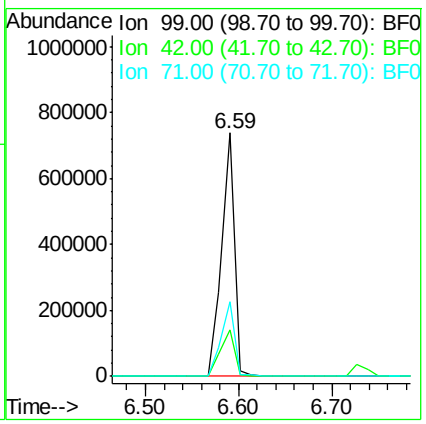


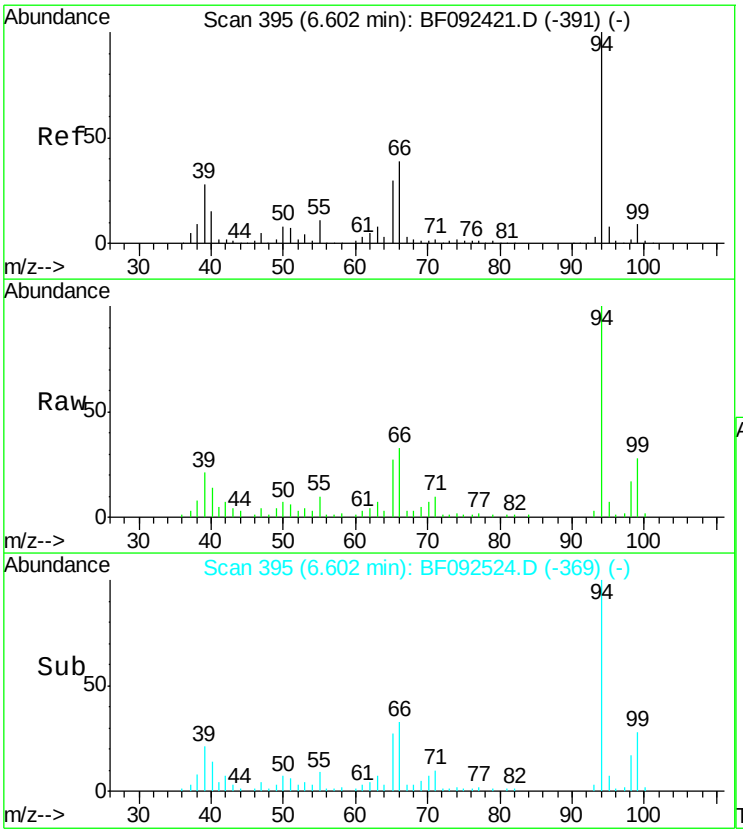
#7
Phenol-d6
Concen: 60.98 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion: 99 Resp: 700032

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	30.6	27.5	41.3

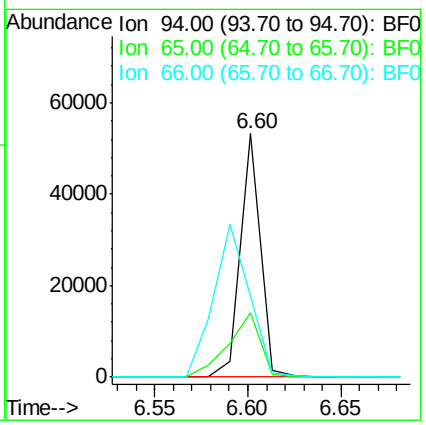


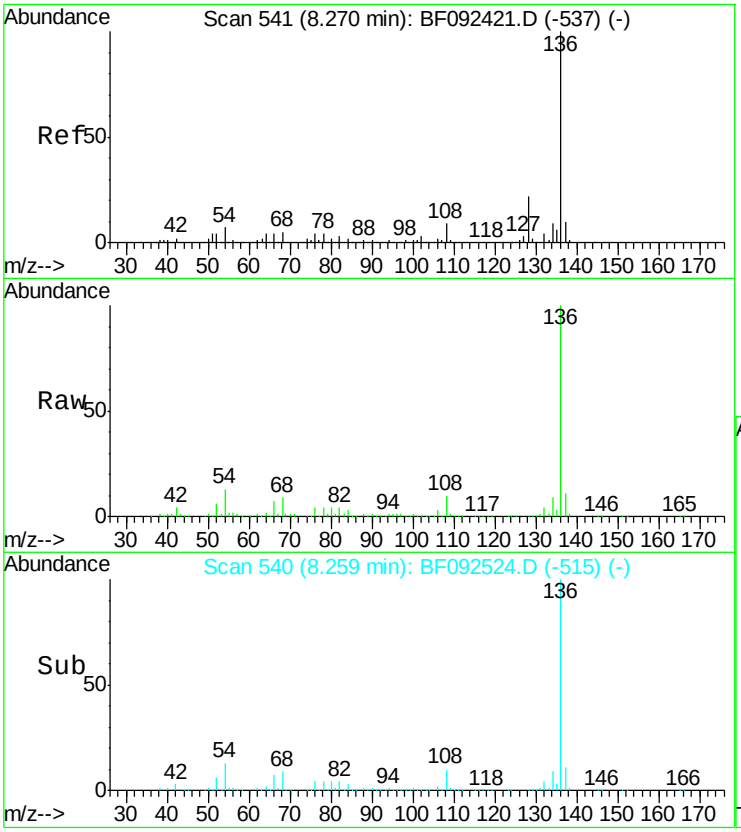


#10
Phenol
Concen: 2.89 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion: 94 Resp: 40049

Ion	Ratio	Lower	Upper
94	100		
65	26.6	21.4	61.4
66	33.5	44.0	84.0#



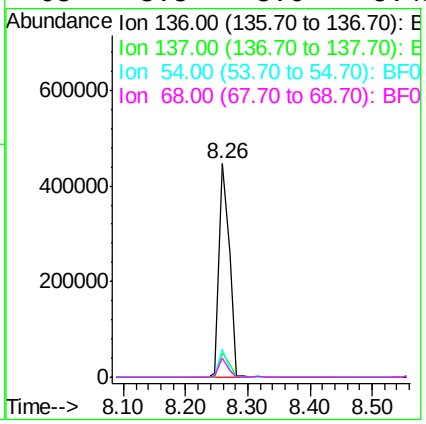


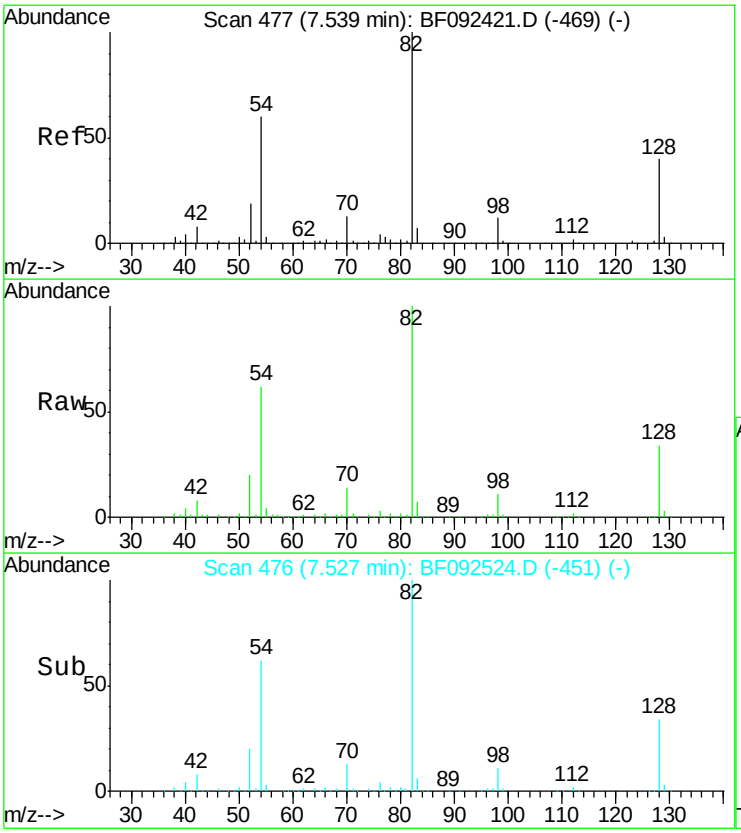
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:136 Resp: 498550

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.9	4.5	6.7#
68	8.8	3.6	5.4#

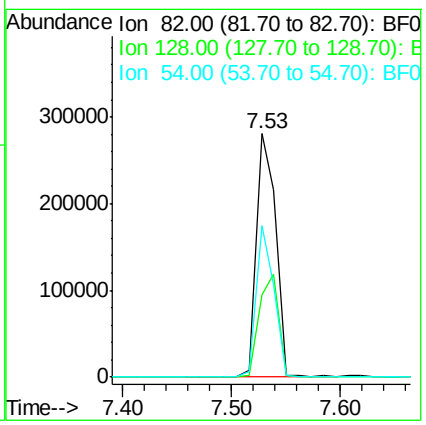


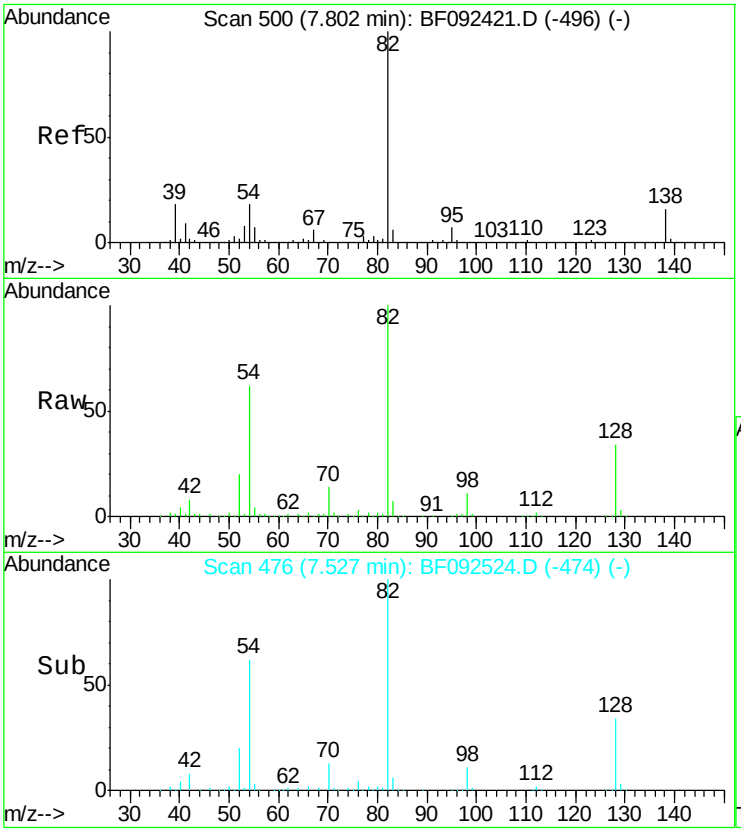


#23
Nitrobenzene-d5
Concen: 38.62 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion: 82 Resp: 352430

Ion	Ratio	Lower	Upper
82	100		
128	33.9	34.6	52.0#
54	62.4	39.5	59.3#



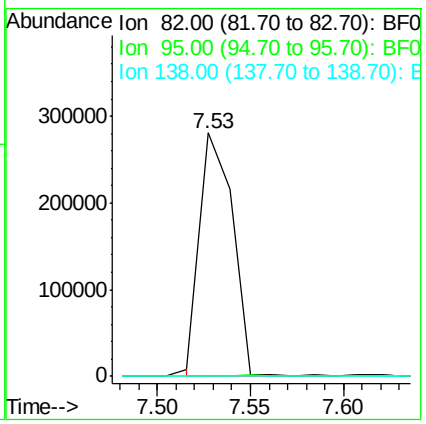


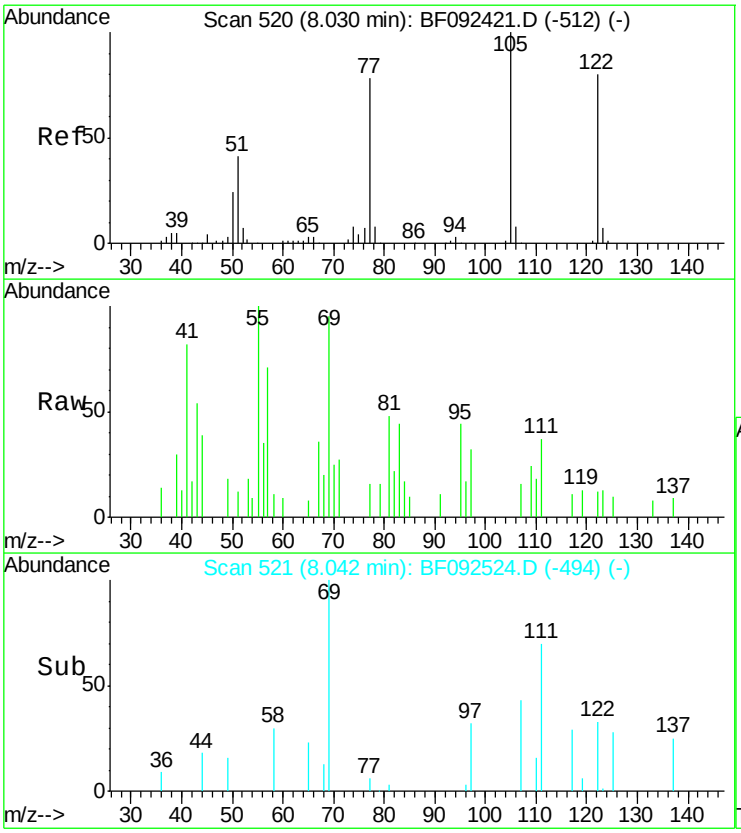
#25
Isophorone
Concen: 19.05 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion: 82 Resp: 342683

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.6	8.4#
138	0.0	14.6	22.0#

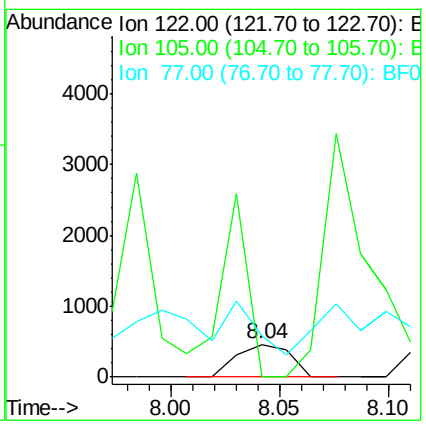


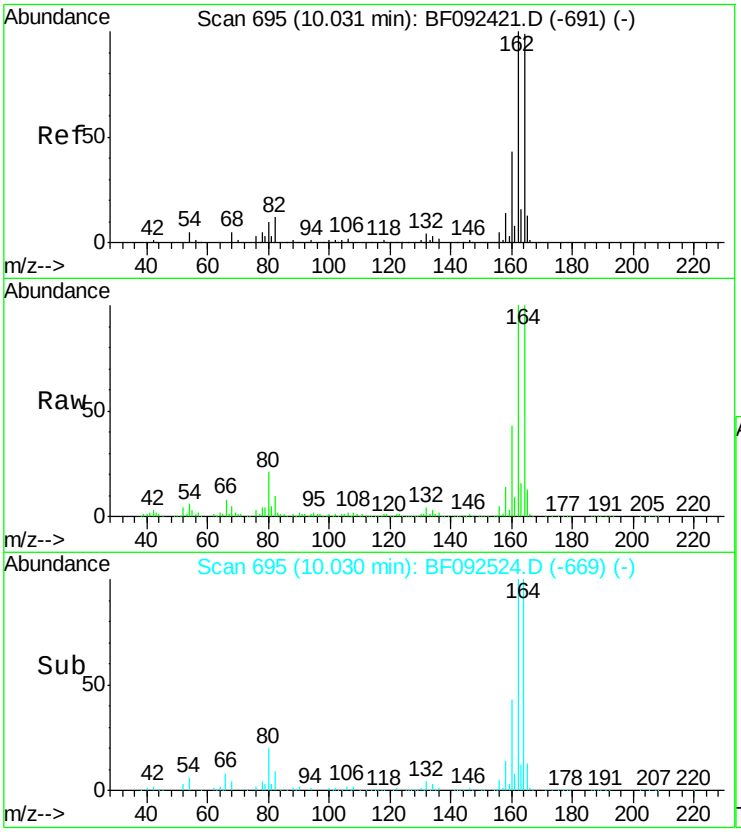


#32
Benzoic acid
Concen: 4.81 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:122 Resp: 794

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	125.4	74.5	114.5#



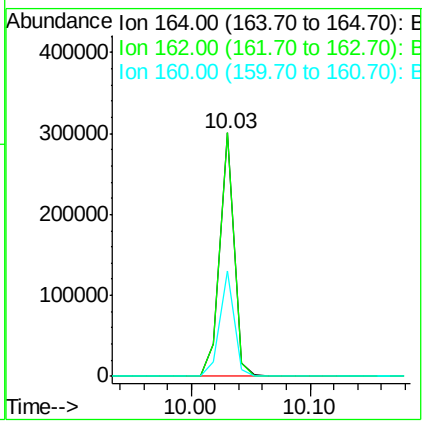


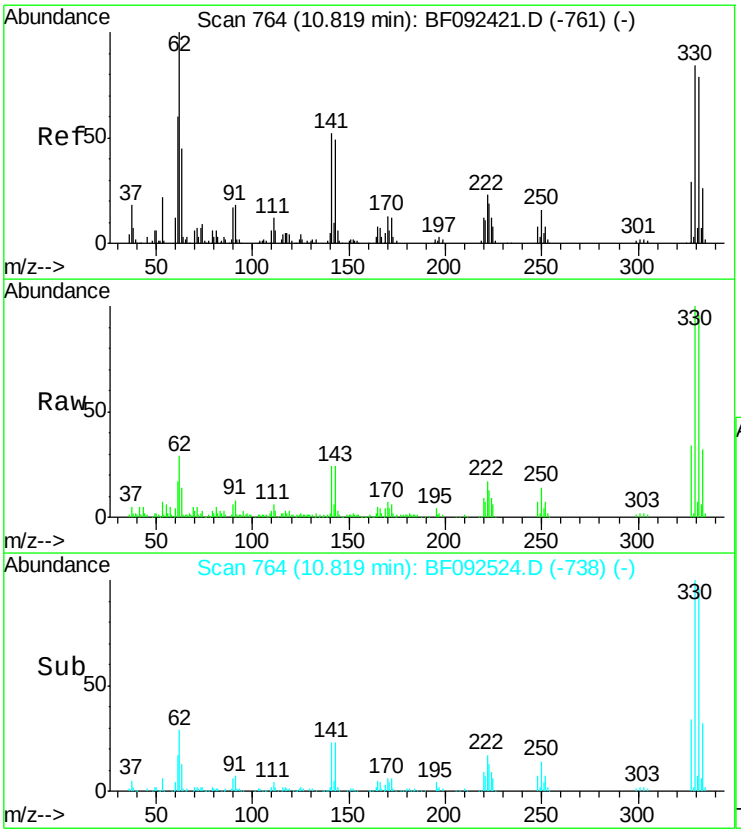
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:164 Resp: 248495

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.3	36.9	55.3

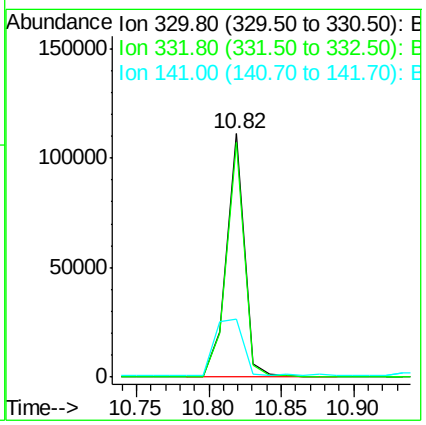


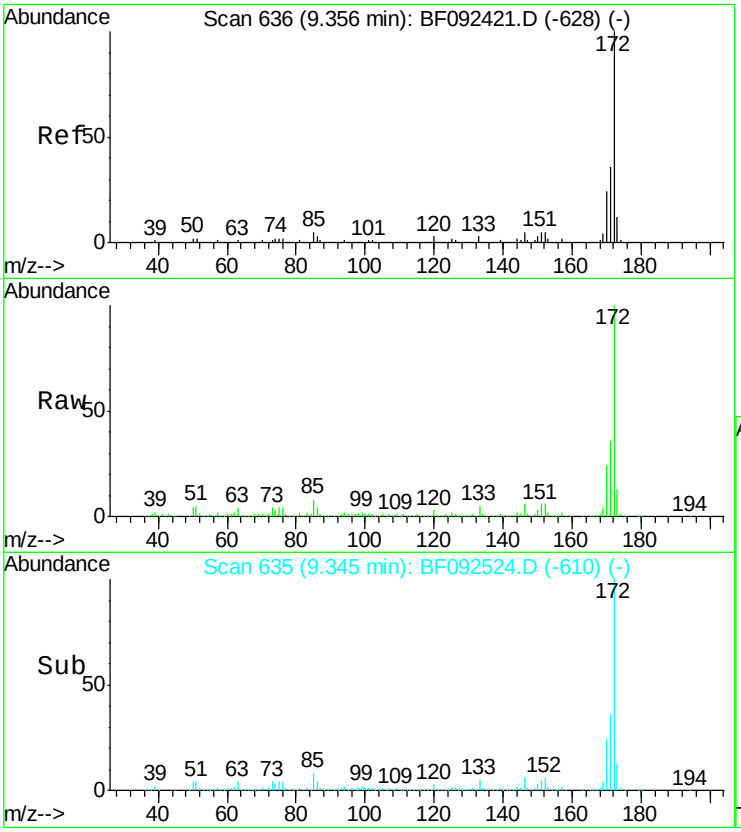


#41
2,4,6-Tribromophenol
Concen: 56.49 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:330 Resp: 95654

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	39.4	34.1	51.1



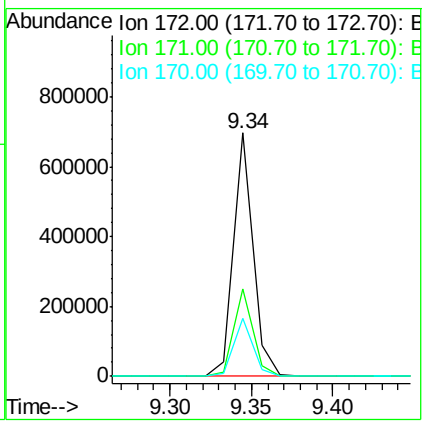


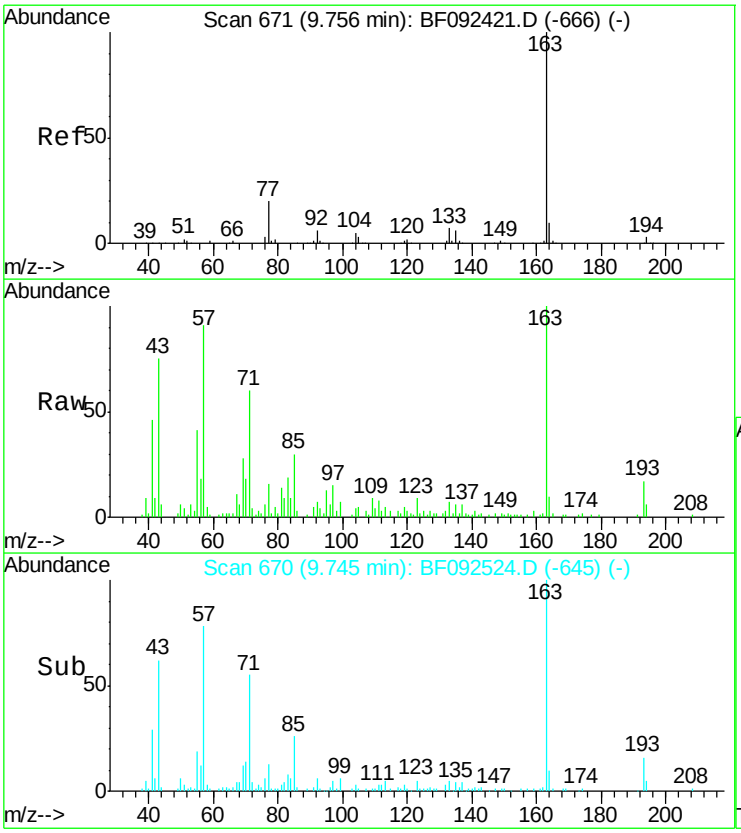
#44
2-Fluorobiphenyl
Concen: 42.63 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:172 Resp: 572846

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.0	20.2	30.4

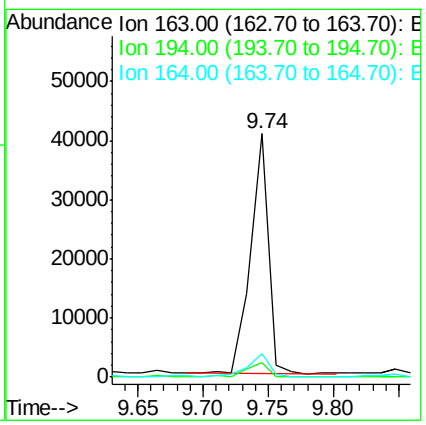


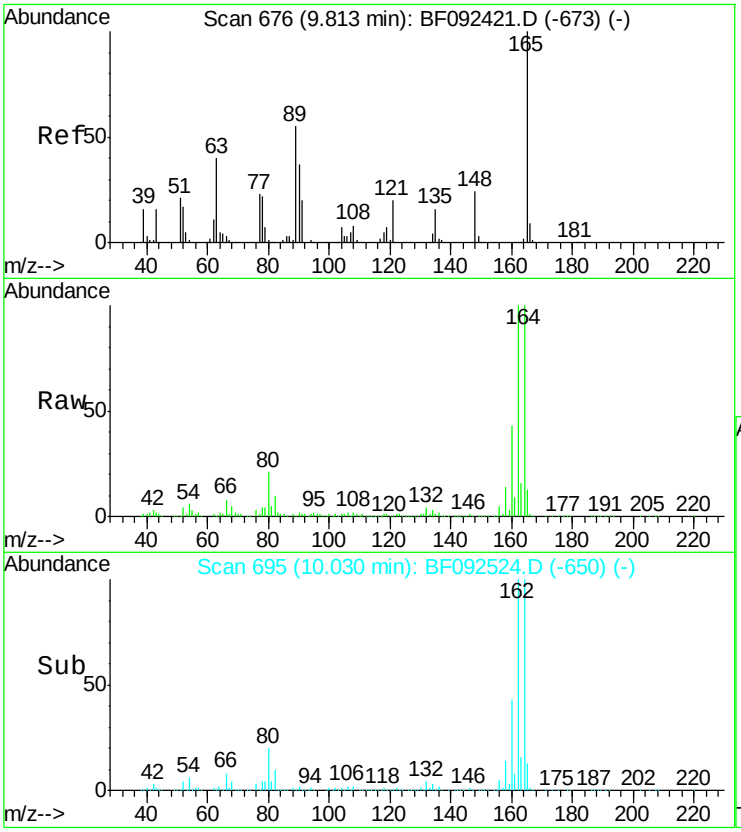


#49
Dimethylphthalate
Concen: 2.47 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:163 Resp: 38996

Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.0	4.4#
164	9.9	8.0	12.0



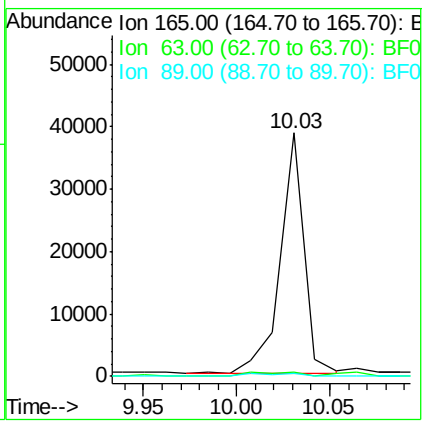


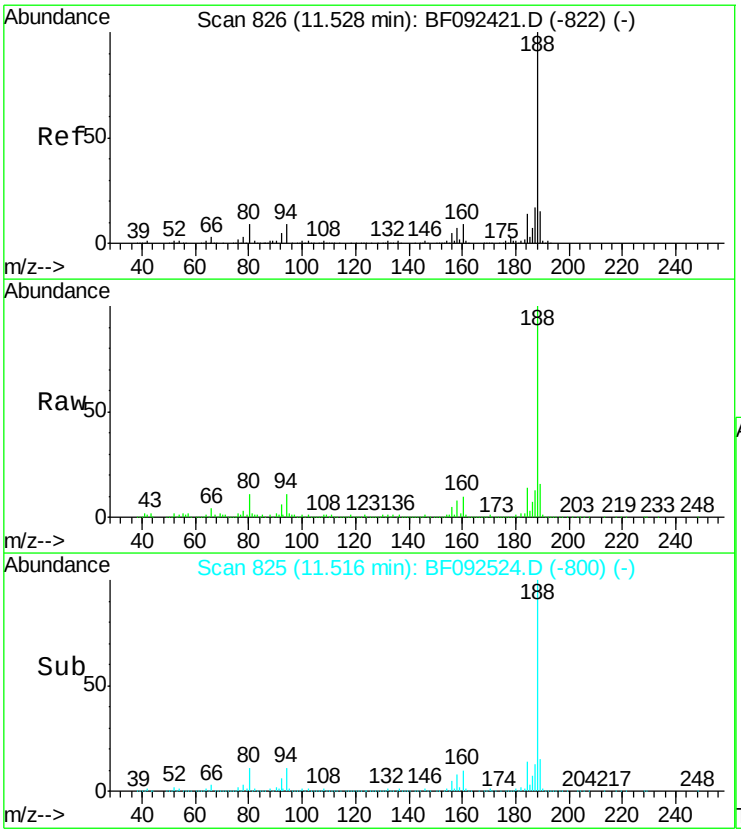
#50
2,6-Dinitrotoluene
Concen: 10.63 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:165 Resp: 34332

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.3	40.2	60.4#

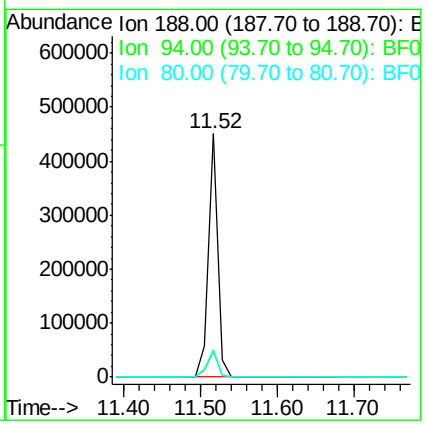


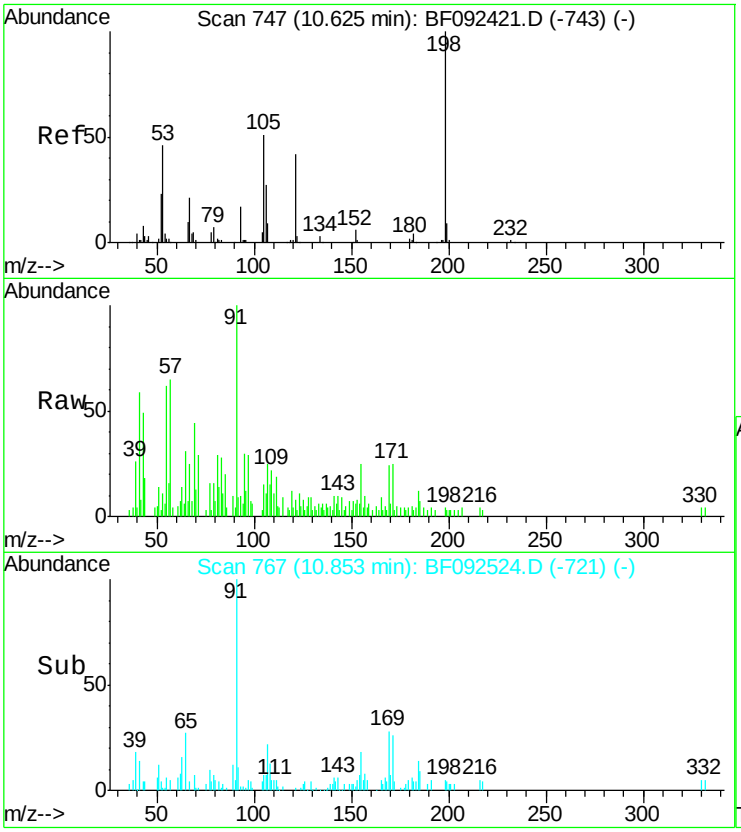


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:188 Resp: 376274

Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.0	15.0
80	11.1	11.2	16.8#



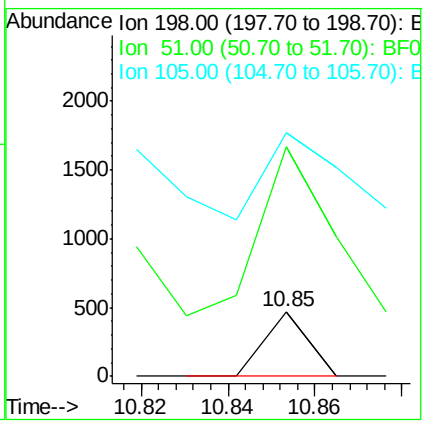


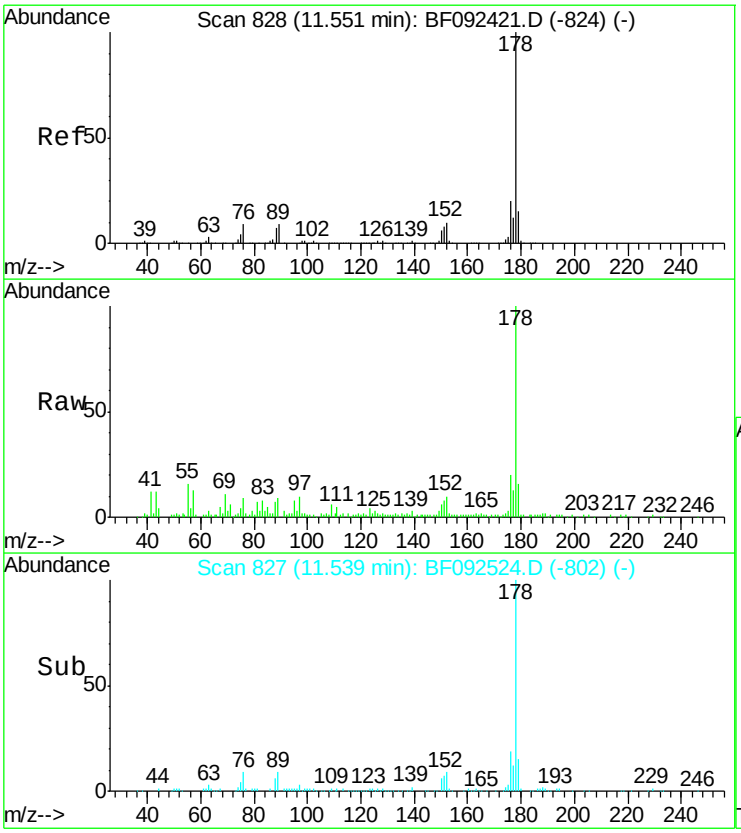
#64
4,6-Dinitro-2-methylphenol
Concen: 5.09 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.23 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:198 Resp: 322

Ion	Ratio	Lower	Upper
198	100		
51	354.3	6.7	46.7#
105	376.8	16.6	56.6#

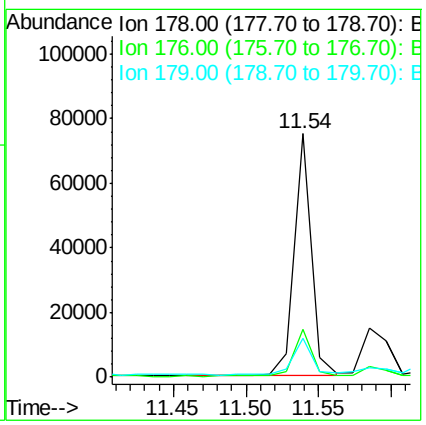


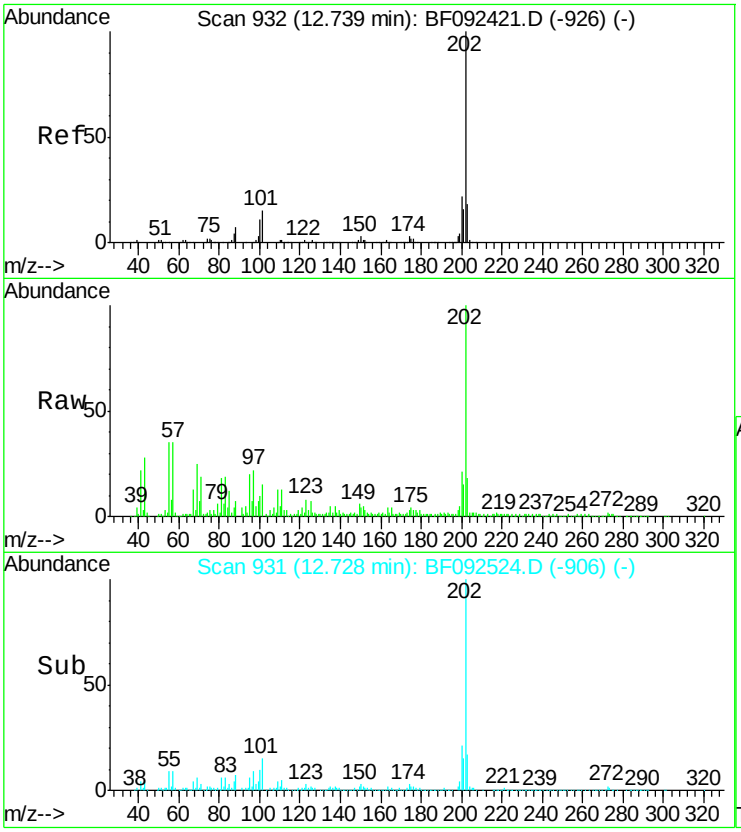


#70
Phenanthrene
Concen: 2.96 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:178 Resp: 61316

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.0	12.8	19.2



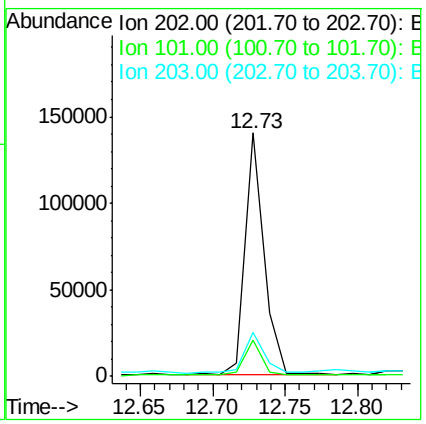


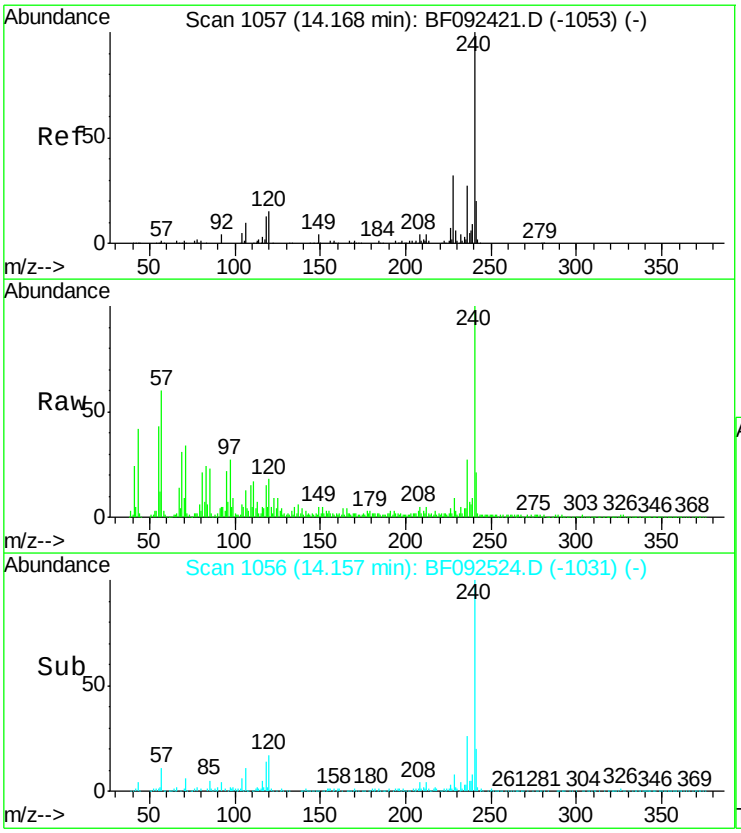
#74
Fluoranthene
Concen: 6.24 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:202 Resp: 126481

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.6
203	18.2	0.0	38.7

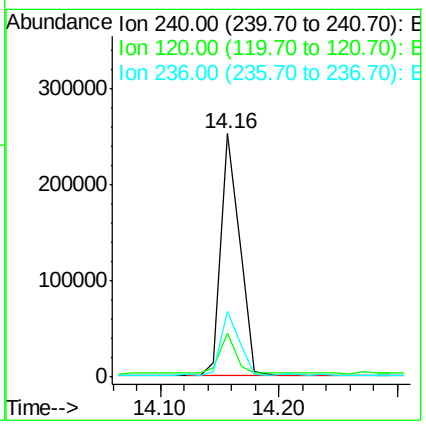


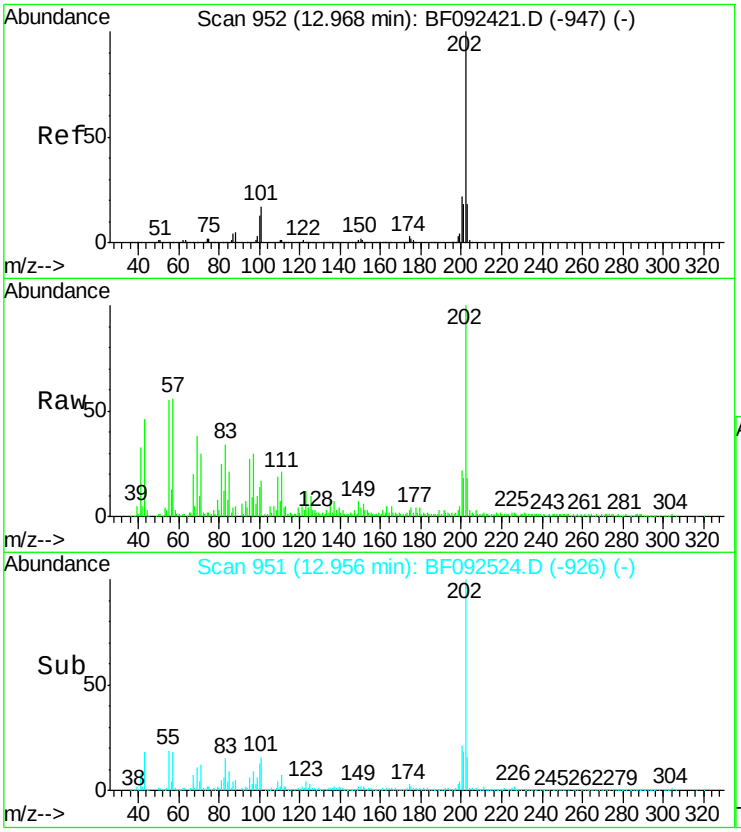


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:240 Resp: 274432

Ion	Ratio	Lower	Upper
240	100		
120	18.0	12.9	19.3
236	27.0	20.9	31.3



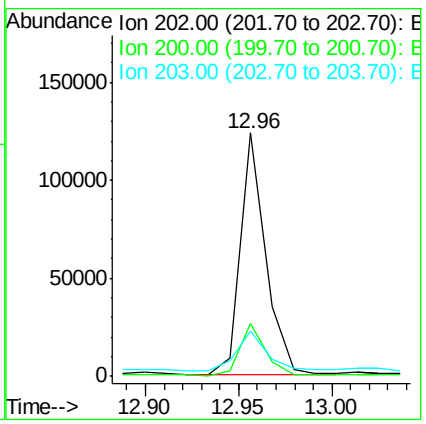


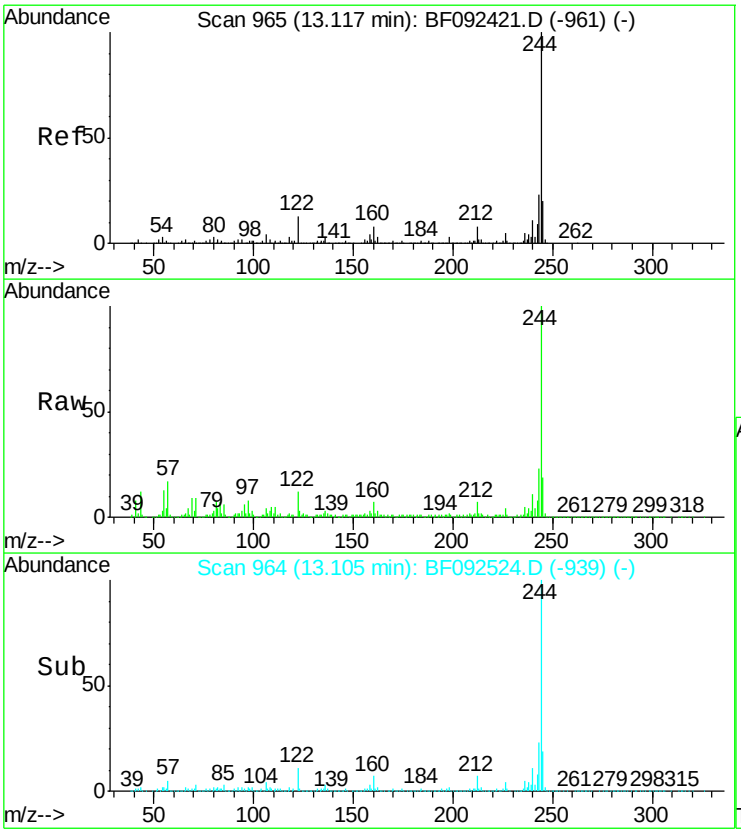
#77
Pyrene
Concen: 5.81 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:202 Resp: 115546

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.4	14.7	22.1

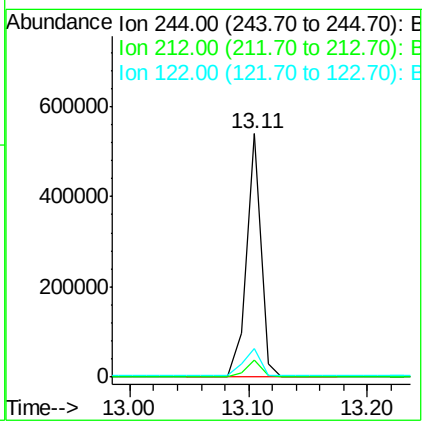


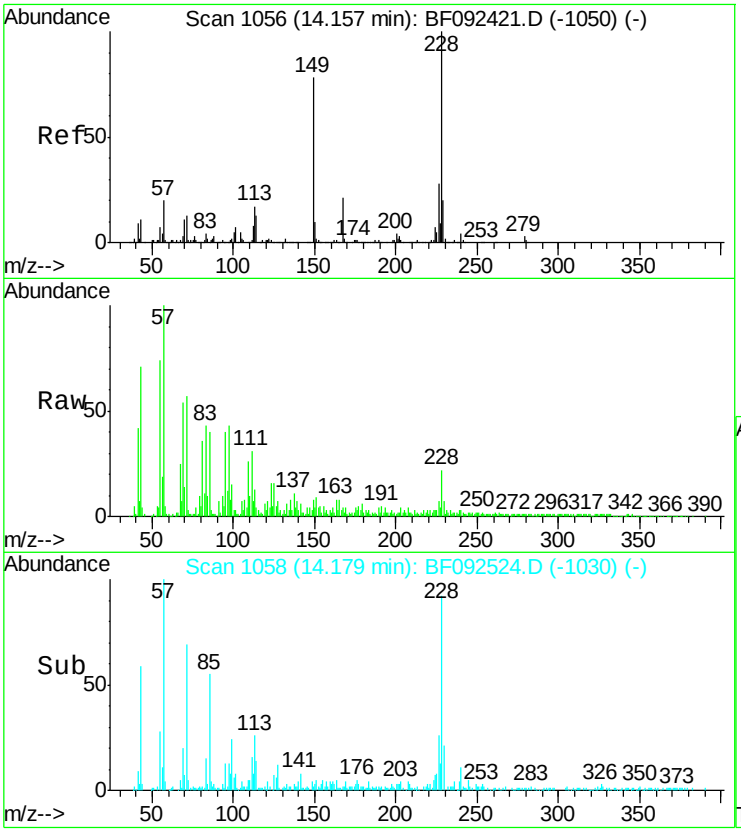


#78
Terphenyl-d14
Concen: 44.66 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:244 Resp: 460281

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.9	11.4	17.2



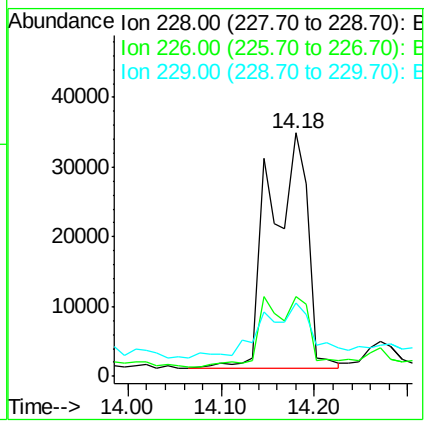


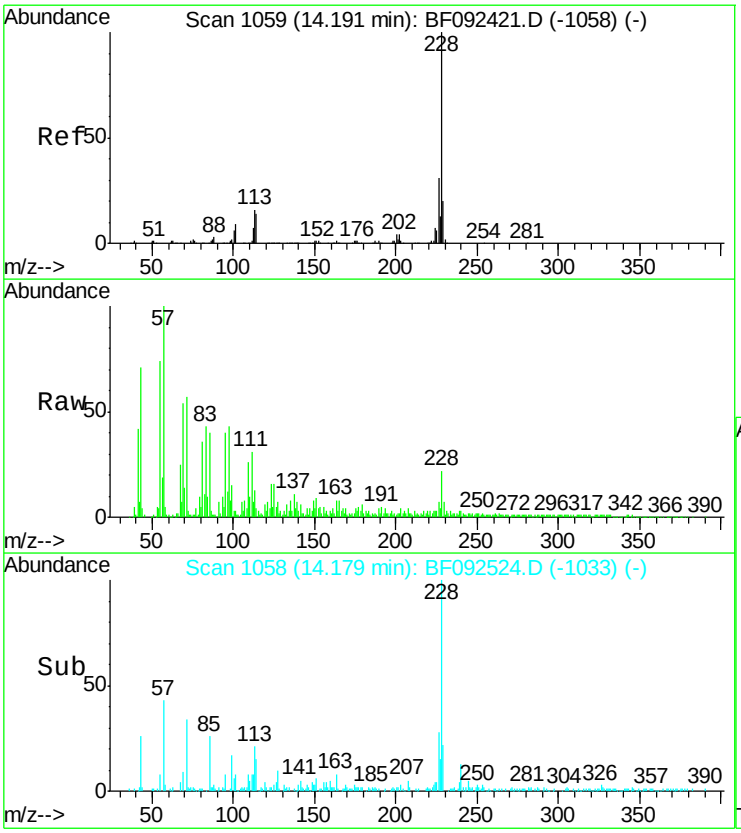
#80
Benzo(a)anthracene
Concen: 6.48 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.02 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:228 Resp: 95548

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.4	33.6
229	30.4	16.2	24.4#

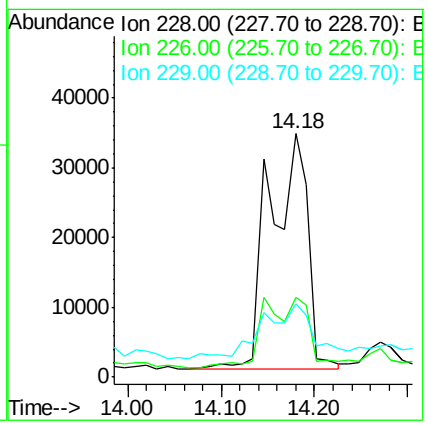


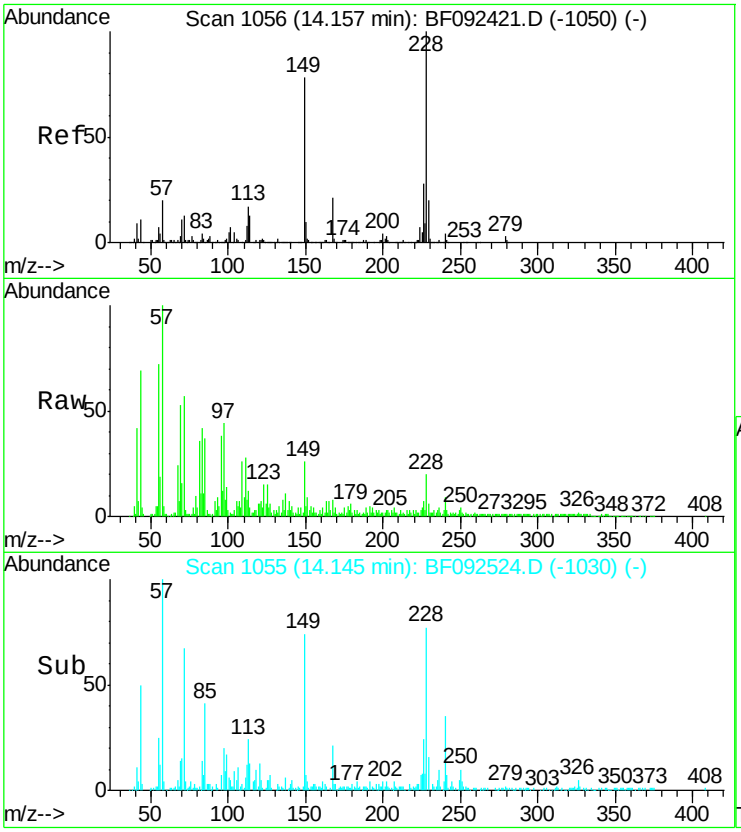


#82
Chrysene
Concen: 6.07 ng
RT: 14.18 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:228 Resp: 95548

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.4	38.0
229	30.4	16.2	24.2#



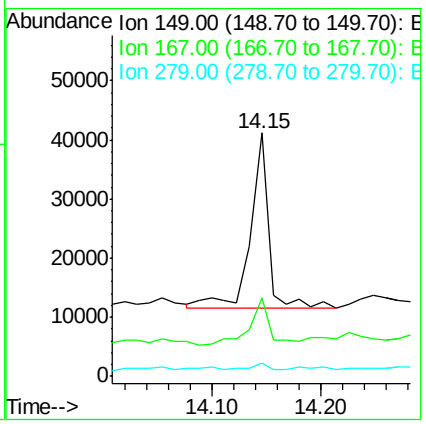


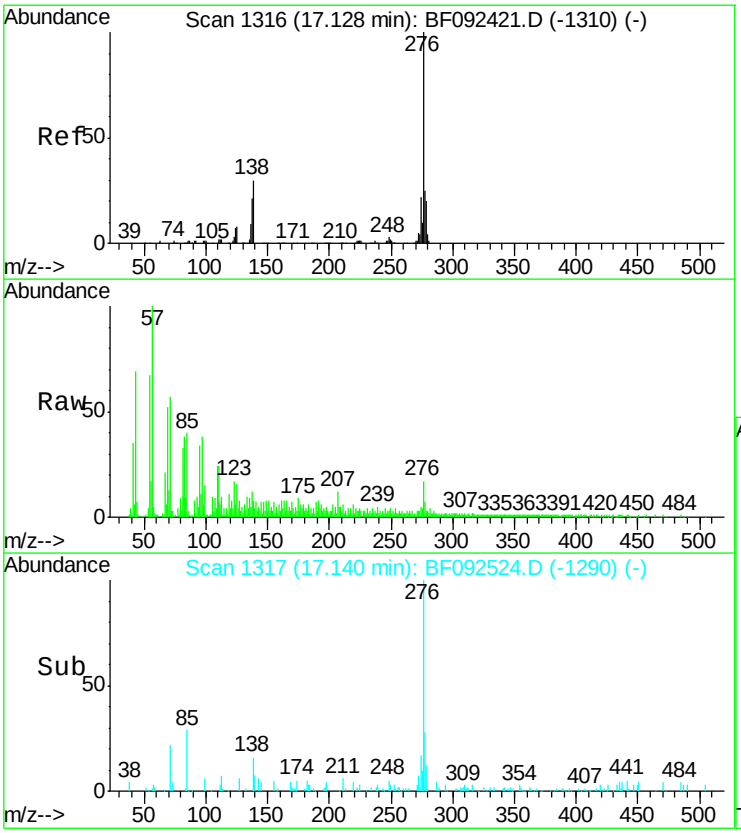
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.46 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:149 Resp: 35093

Ion	Ratio	Lower	Upper
149	100		
167	32.4	20.2	30.4#
279	5.3	1.8	2.8#

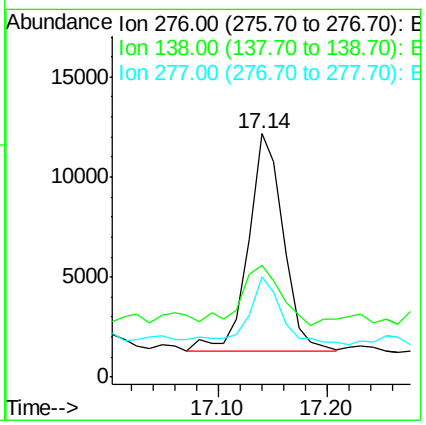


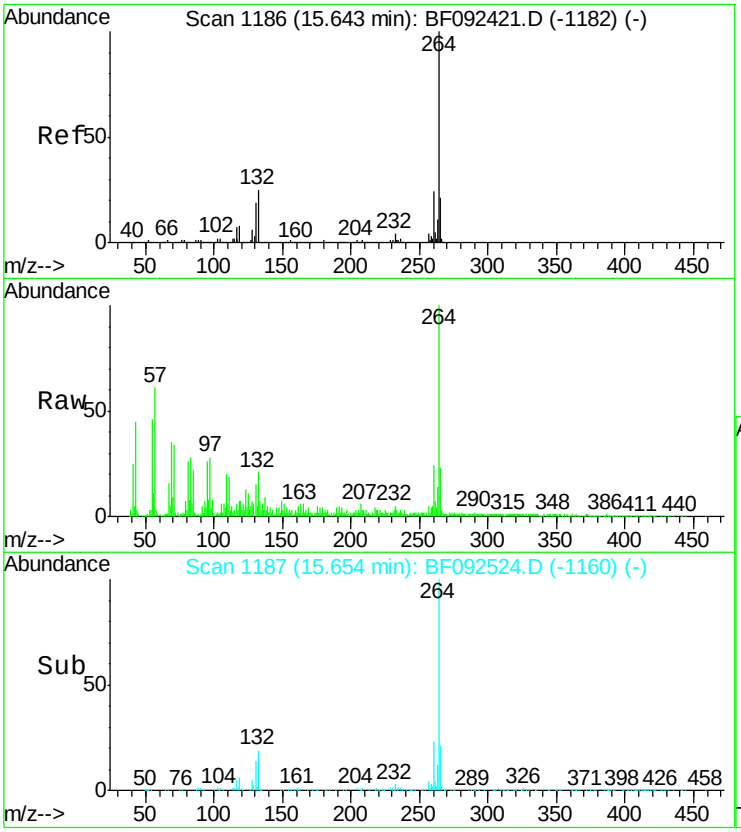


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.08 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:276 Resp: 24290

Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.6
277	32.5	20.2	30.4#



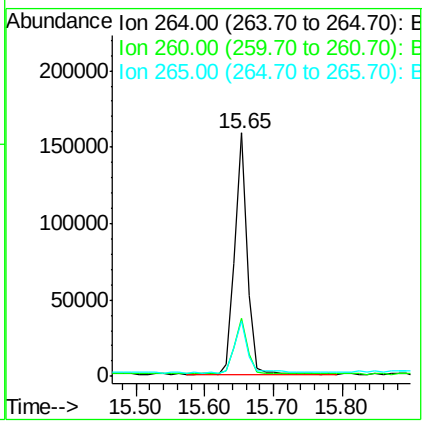


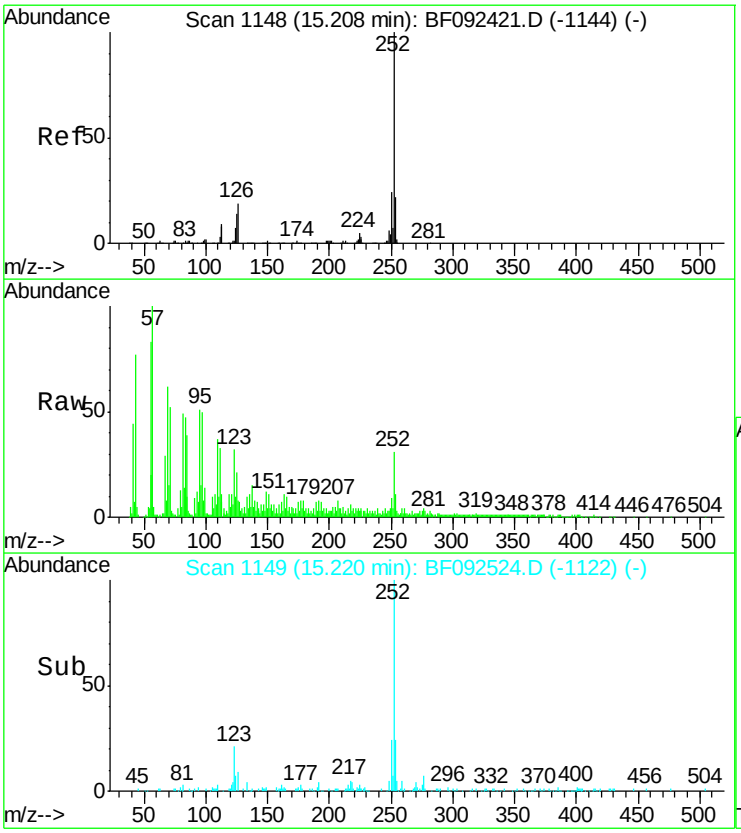
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:264 Resp: 205733

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.8	17.4	26.0

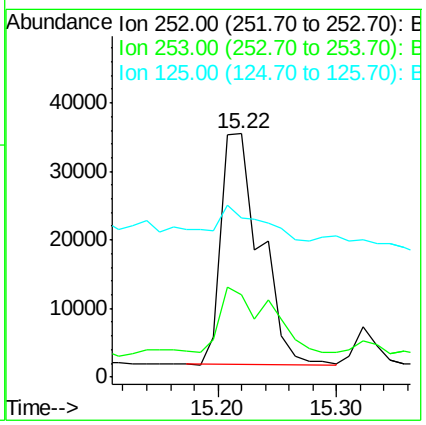


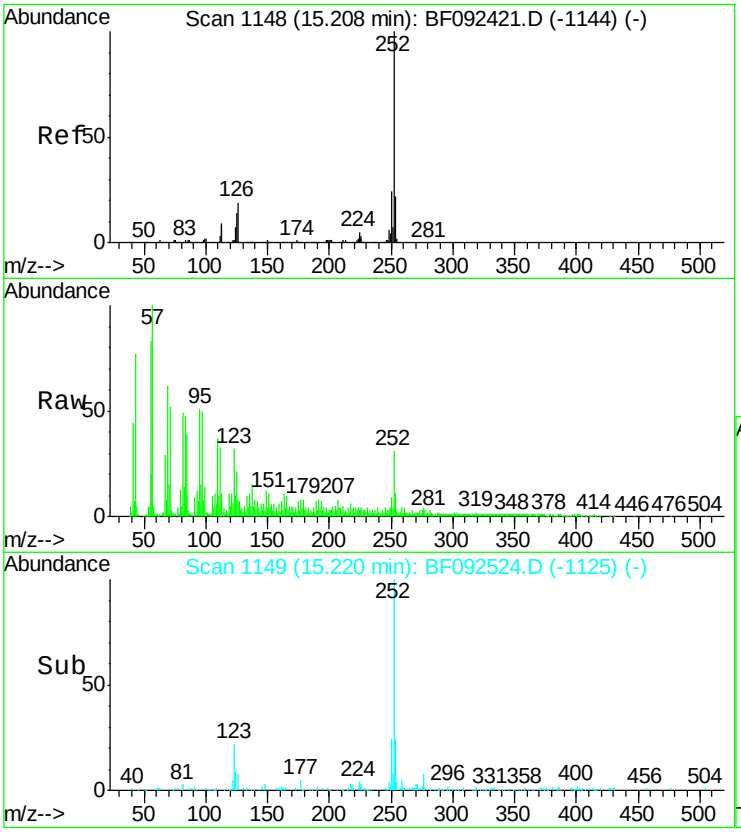


#87
Benzo(b)fluoranthene
Concen: 5.83 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:252 Resp: 77024

Ion	Ratio	Lower	Upper
252	100		
253	33.6	18.2	27.4#
125	65.4	9.8	14.6#



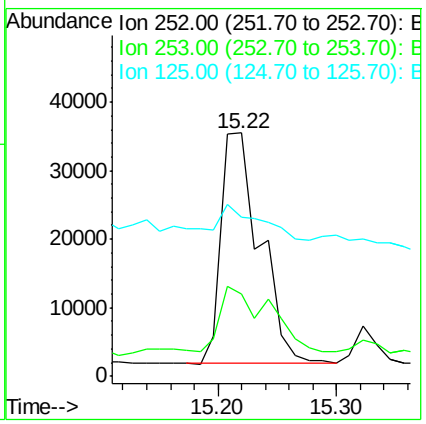


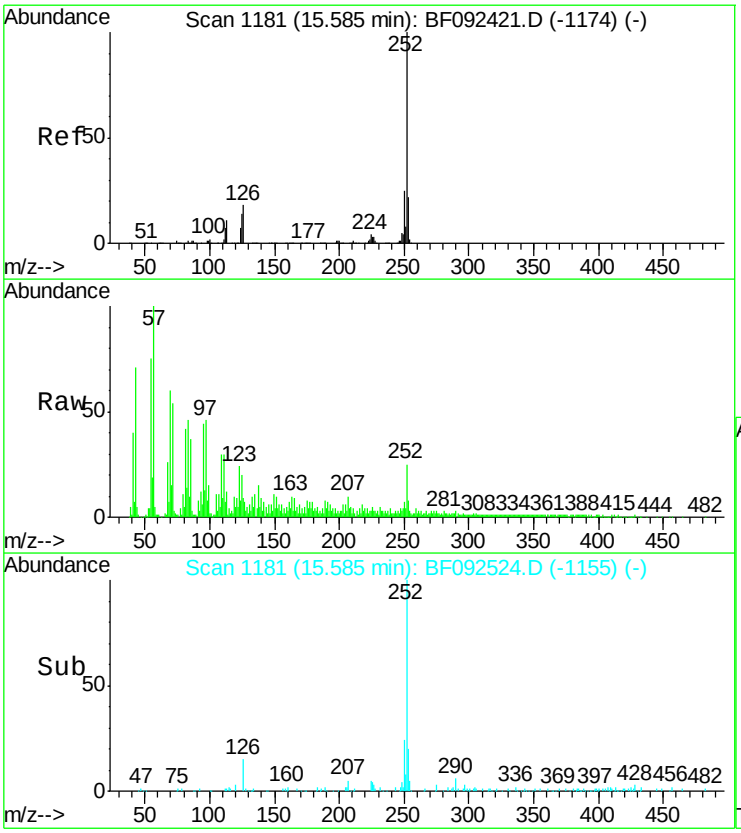
#88
Benzo(k)fluoranthene
Concen: 6.99 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:252 Resp: 76745

Ion	Ratio	Lower	Upper
252	100		
253	33.6	18.5	27.7#
125	65.4	8.9	13.3#

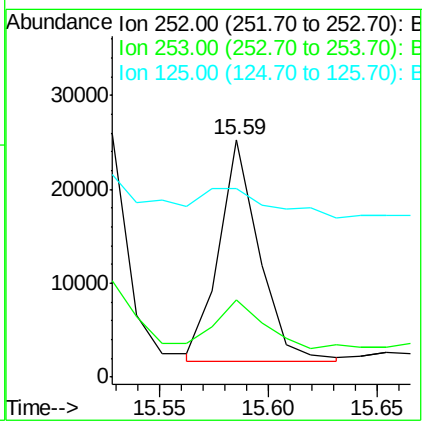


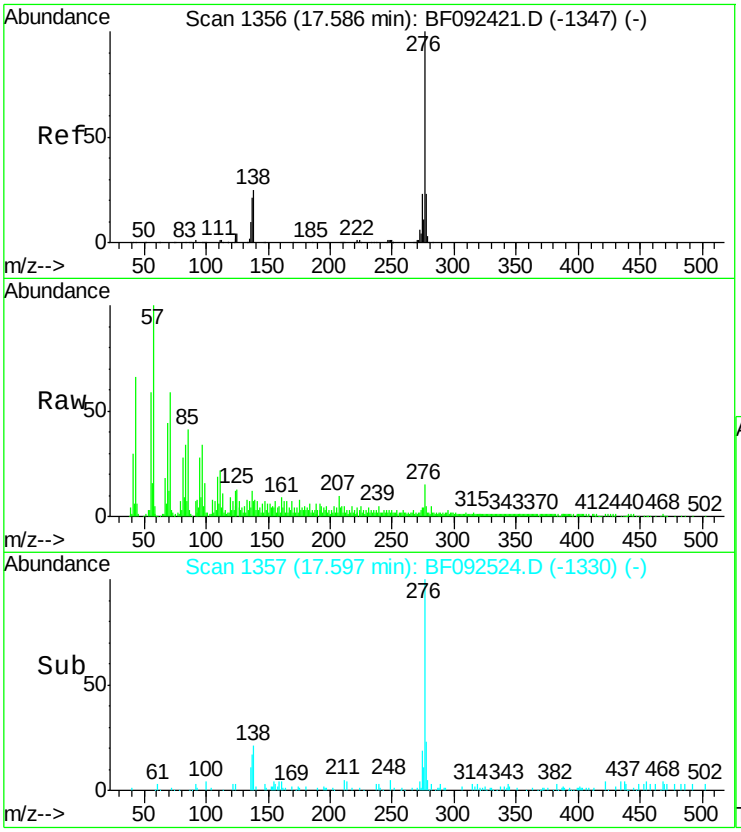


#89
Benzo(a)pyrene
Concen: 2.69 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion:252 Resp: 30001

Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.2	27.2#
125	79.4	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 2.68 ng
RT: 17.60 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tgt Ion:276 Resp: 24470

Ion	Ratio	Lower	Upper
276	100		
277	36.6	19.2	28.8#
138	44.3	16.0	24.0#