Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CAS-SB-101-0-2

Quant Time: Jan 27 00:03:24 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	7.13	152	242229	20.00	ng		0.16
21) Naphthalene-d8	8.27	136	577777	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	267121	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	393181	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	255112	20.00	ng		0.00
86) Perylene-d12	15.67	264	184698	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	561817	36.09	ng		0.01
7) Phenol-d6	6.59	99	680558	34.32	ng		0.00
23) Nitrobenzene-d5	7.54	82	392295	37.09	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	100047	54.96	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	620339	42.94	ng		-0.01
78) Terphenyl-d14	13.11	244	441595	46.09	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	8.03	122	1442	4.87	ng	#	1
37) 2-Methylnaphthalene	8.98	142	40229	2.15	ng		99
49) Dimethylphthalate	9.74	163	120592	7.10	ng	#	99
64) 4,6-Dinitro-2-methylphenol	10.82	198	276	5.07	ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	8546	2.15	ng	#	1
70) Phenanthrene	11.54	178	63215	2.92	ng		98
74) Fluoranthene	12.74	202	128294	6.06	ng		93
77) Pyrene	12.97	202	122794	6.64	ng		97
80) Benzo(a)anthracene	14.16	228	43328	3.16	ng	#	88
82) Chrysene	14.19	228	56407	3.85	ng	#	93
83) Bis(2-ethylhexyl)phthalate	14.15	149	23955	2.54	ng	#	85
85) Indeno(1,2,3-cd)pyrene	17.16	276	26578	2.45	ng		95
87) Benzo(b)fluoranthene	15.22	252	77896	6.57	ng	#	39
88) Benzo(k)fluoranthene	15.22	252	77896	7.90	ng	#	40
89) Benzo(a)pyrene	15.60	252	29782	2.97	ng	#	22
91) Benzo(g,h,i)perylene	17.62	276	25551	3.11	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 : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Quant Time: Jan 27 00:03:24 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
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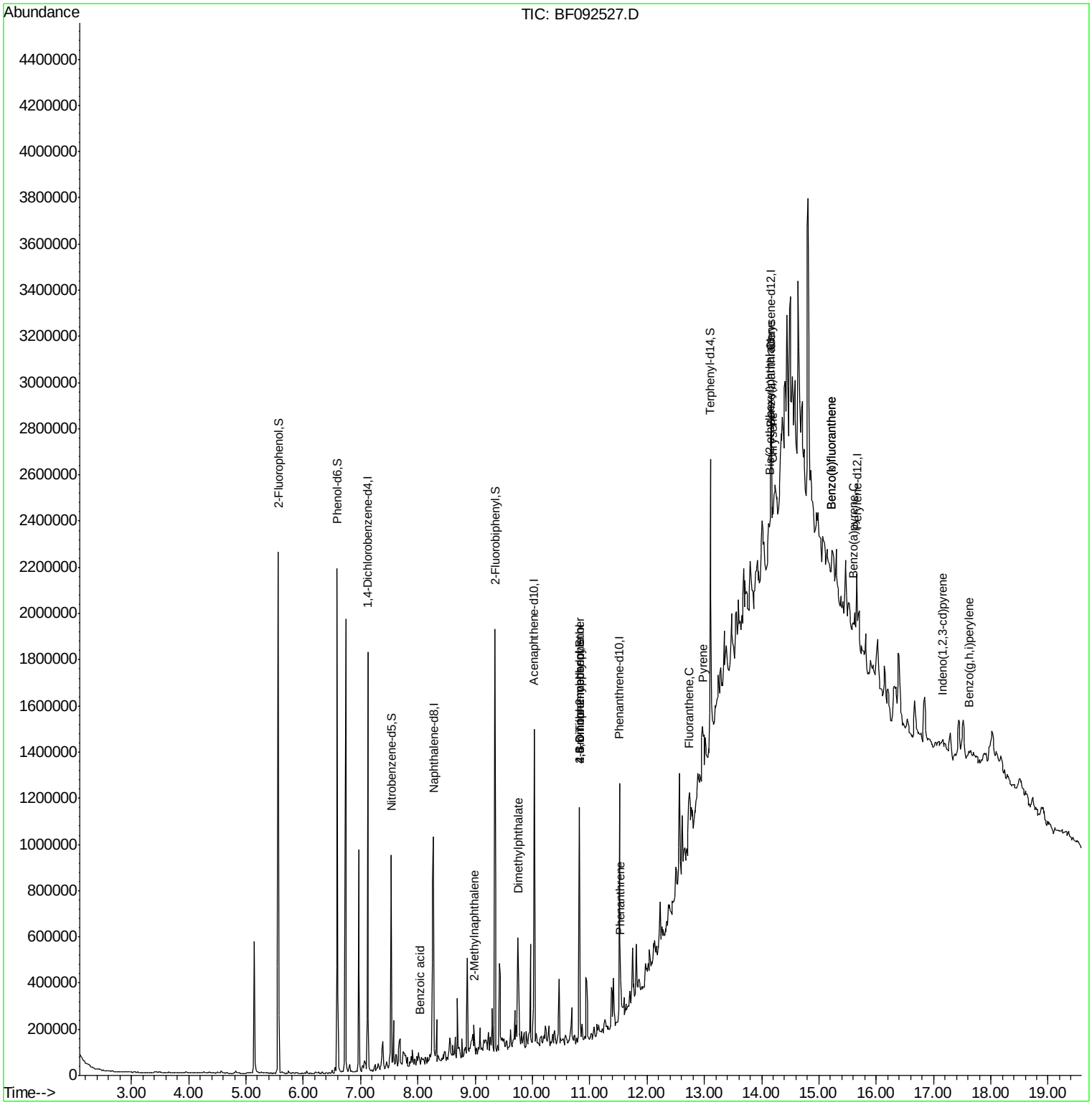
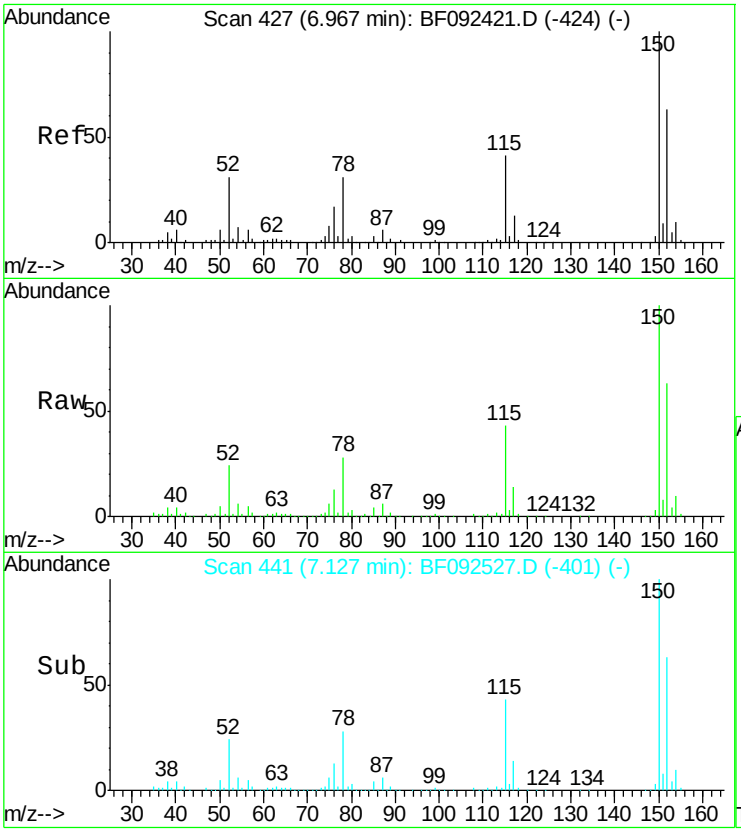


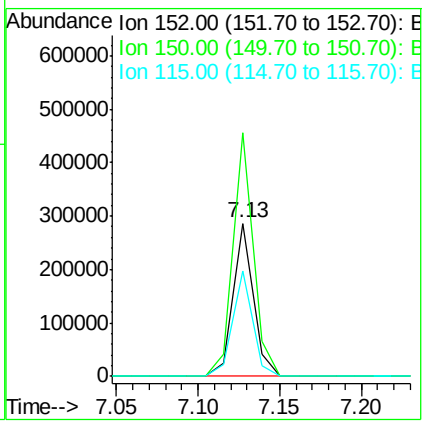


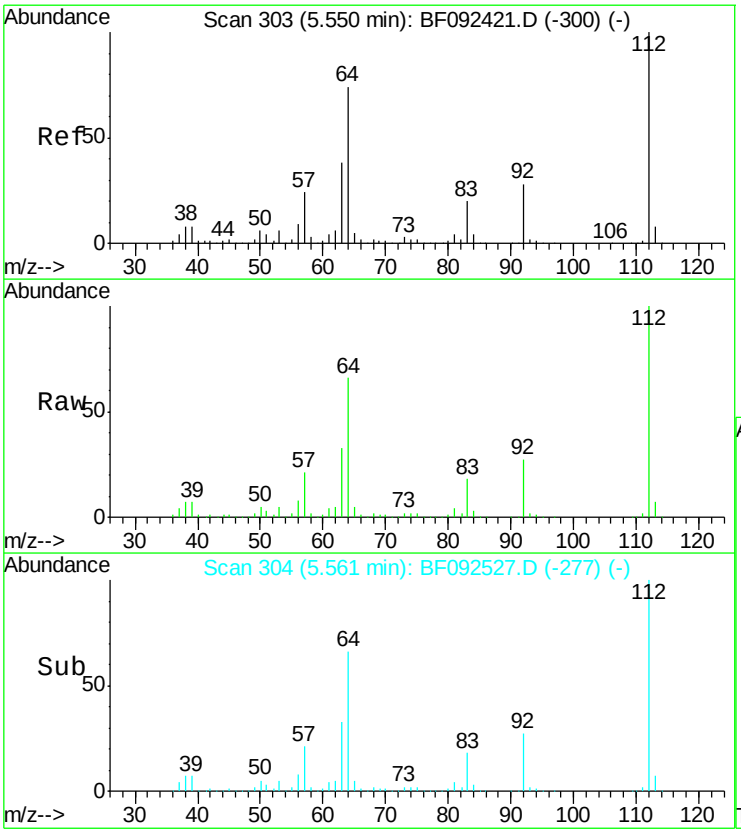
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.16 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:152 Resp: 242229

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.9	187.3
115	68.7	46.0	69.0

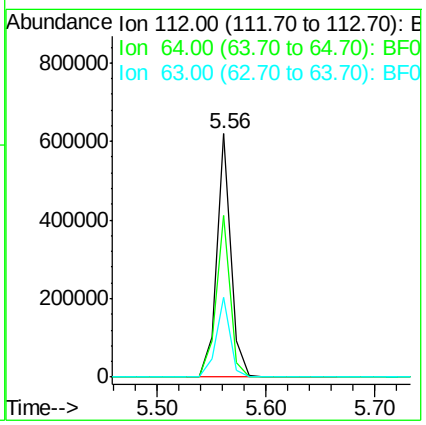


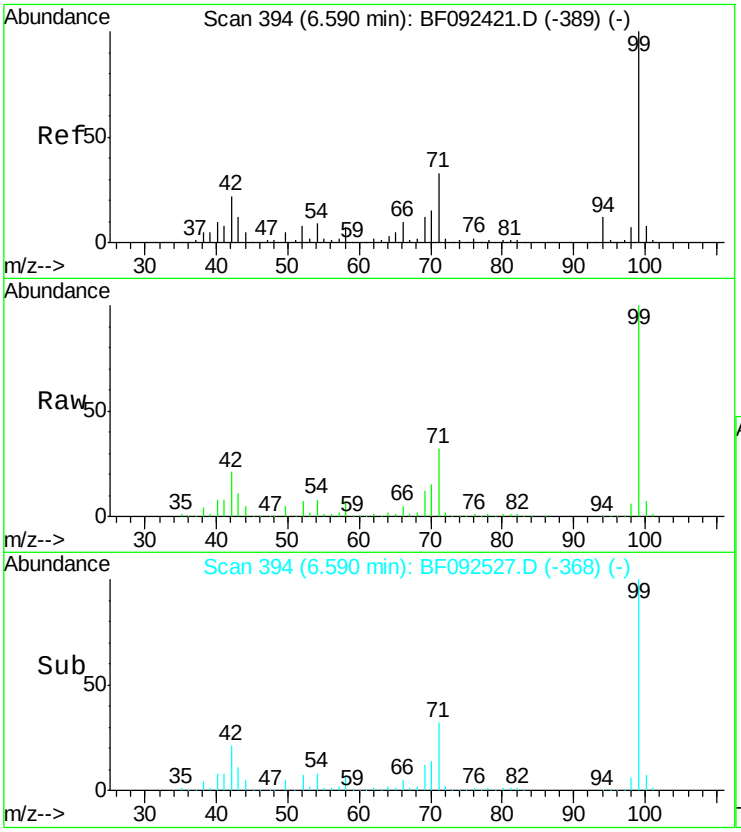


#5
2-Fluorophenol
Concen: 36.09 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:112 Resp: 561817

Ion	Ratio	Lower	Upper
112	100		
64	66.4	46.1	69.1
63	33.0	23.8	35.6



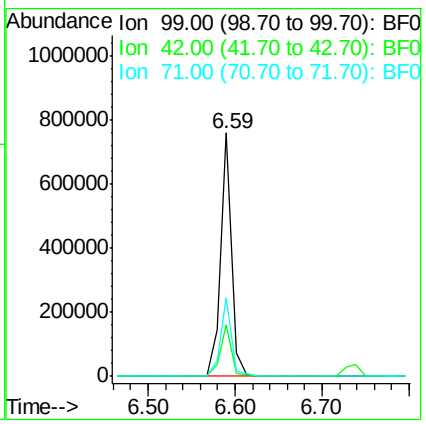


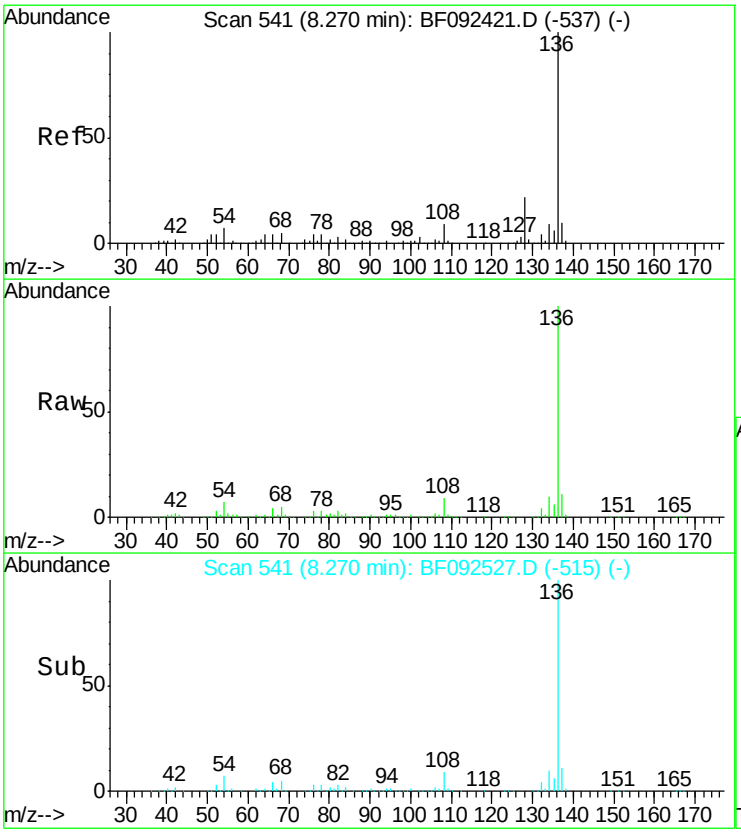
#7
Phenol-d6
Concen: 34.32 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion: 99 Resp: 680558

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.6	23.4
71	32.4	27.5	41.3

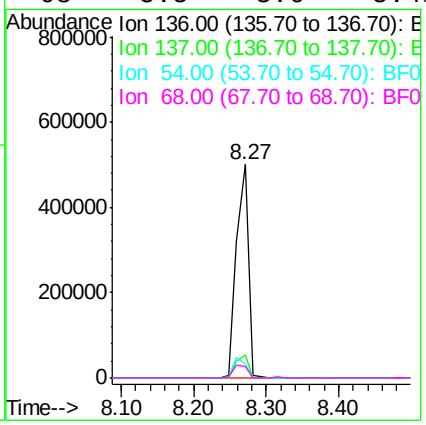


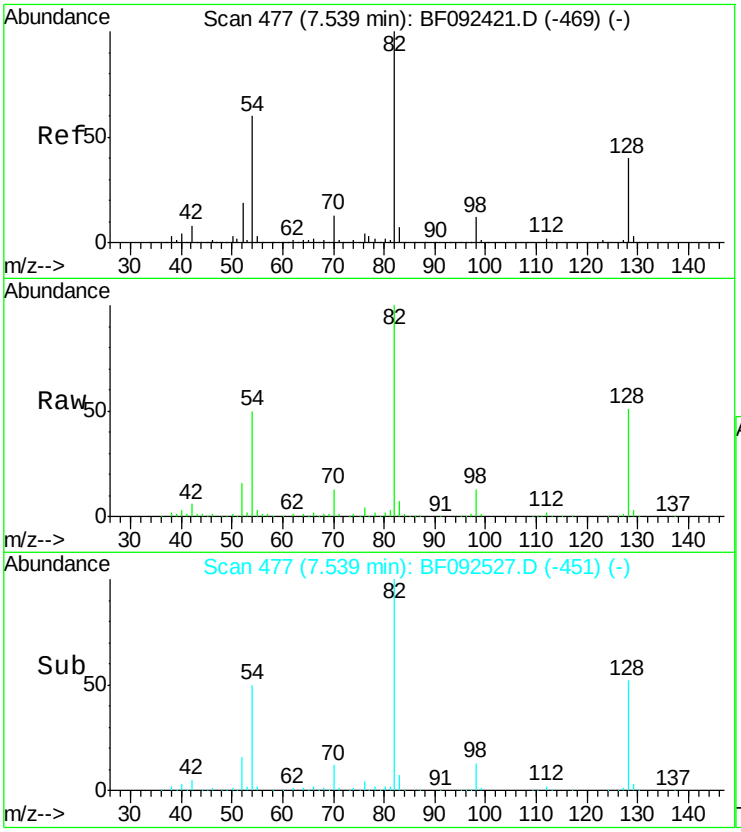


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:136 Resp: 577777

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.9	4.5	6.7#
68	5.5	3.6	5.4#



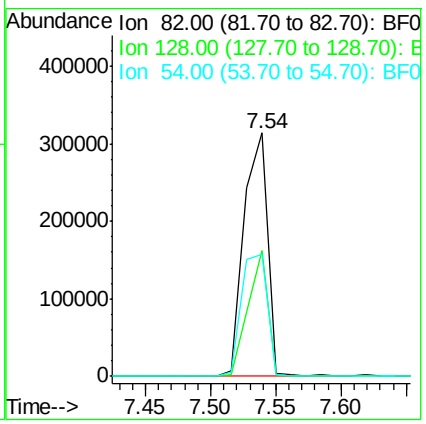


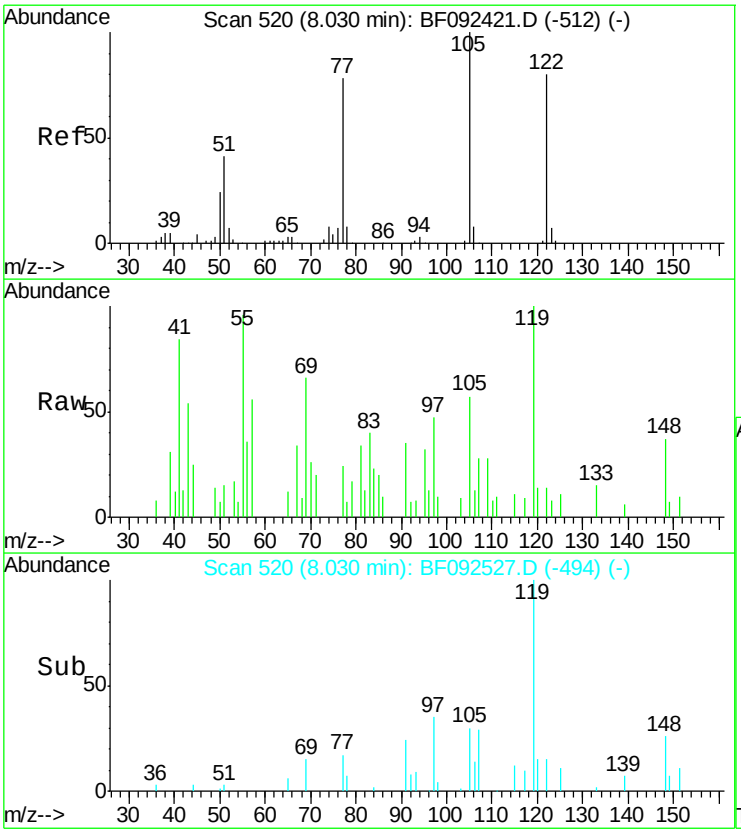
#23
Nitrobenzene-d5
Concen: 37.09 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion: 82 Resp: 392295

Ion	Ratio	Lower	Upper
82	100		
128	51.5	34.6	52.0
54	49.9	39.5	59.3

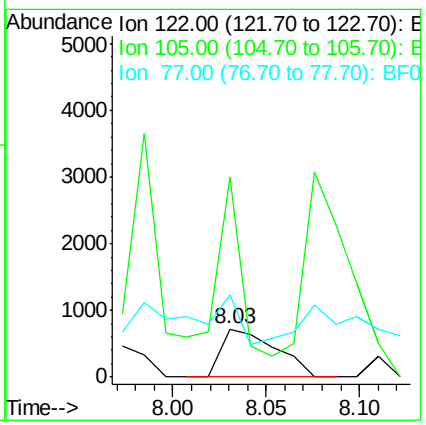


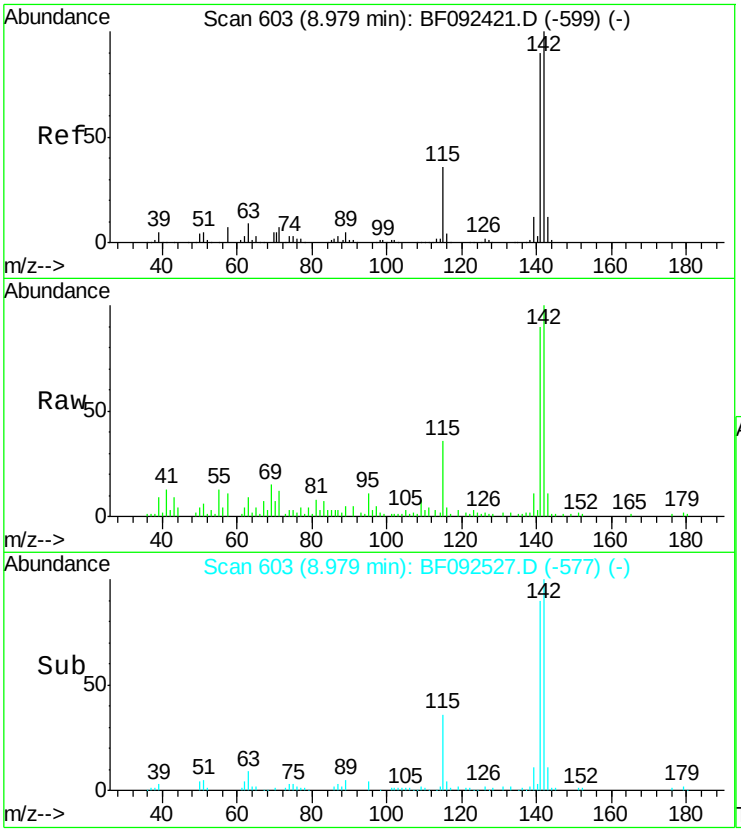


#32
Benzoic acid
Concen: 4.87 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:122 Resp: 1442

Ion	Ratio	Lower	Upper
122	100		
105	418.2	107.2	147.2#
77	173.6	74.5	114.5#



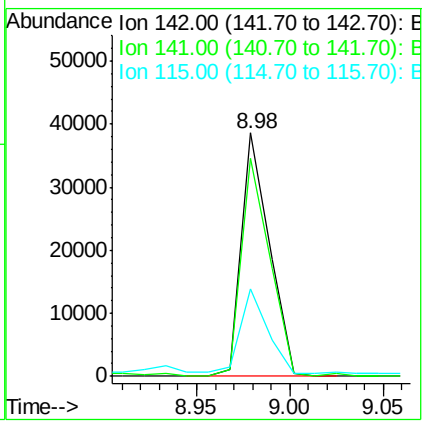


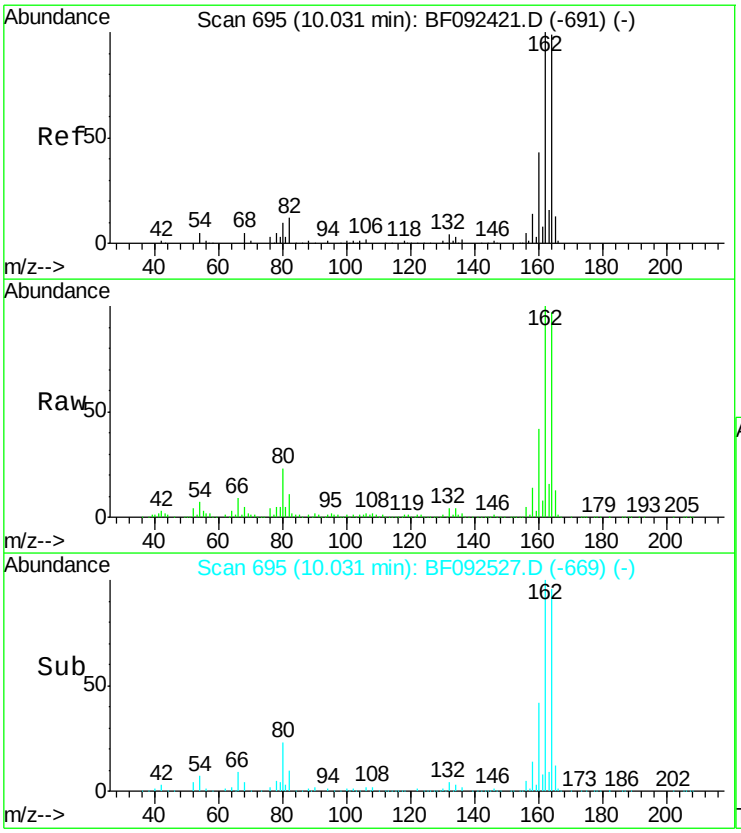
#37
2-Methylnaphthalene
Concen: 2.15 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:142 Resp: 40229

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	35.7	28.3	42.5

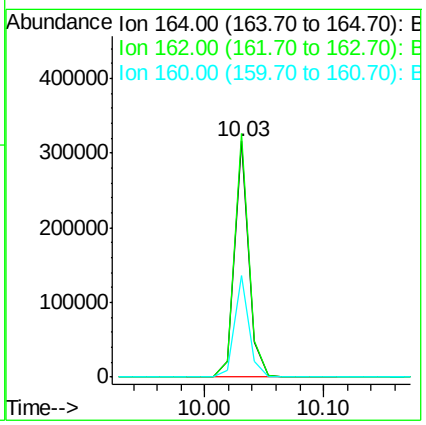


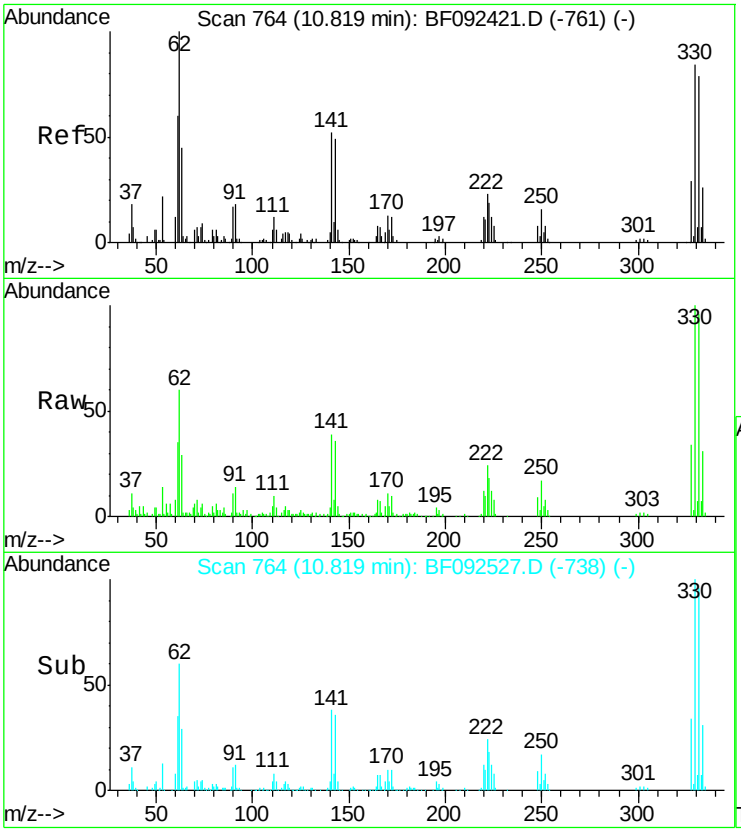


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:164 Resp: 267121

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	43.2	36.9	55.3



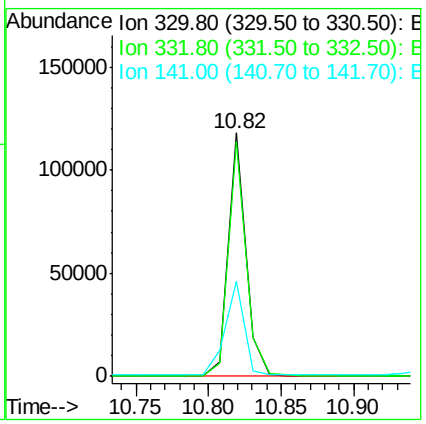


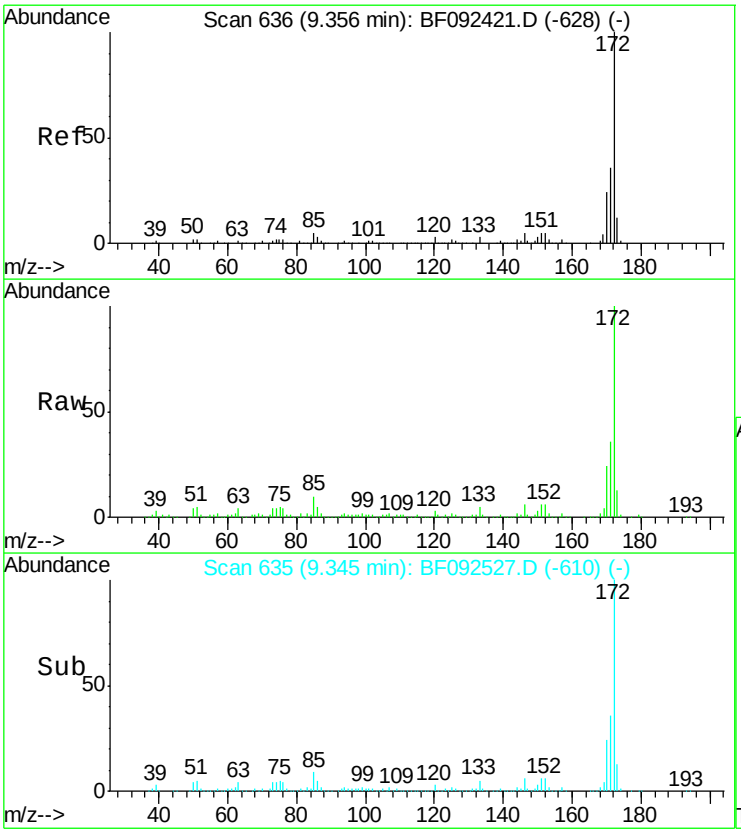
#41
2,4,6-Tribromophenol
Concen: 54.96 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:330 Resp: 100047

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	43.3	34.1	51.1

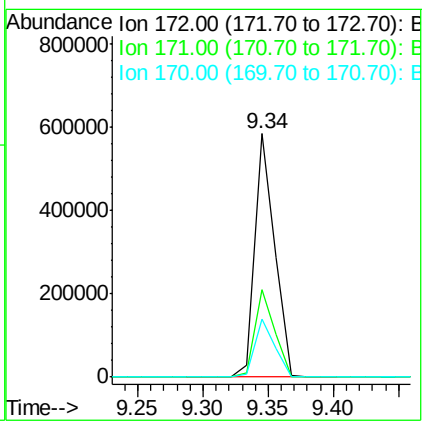


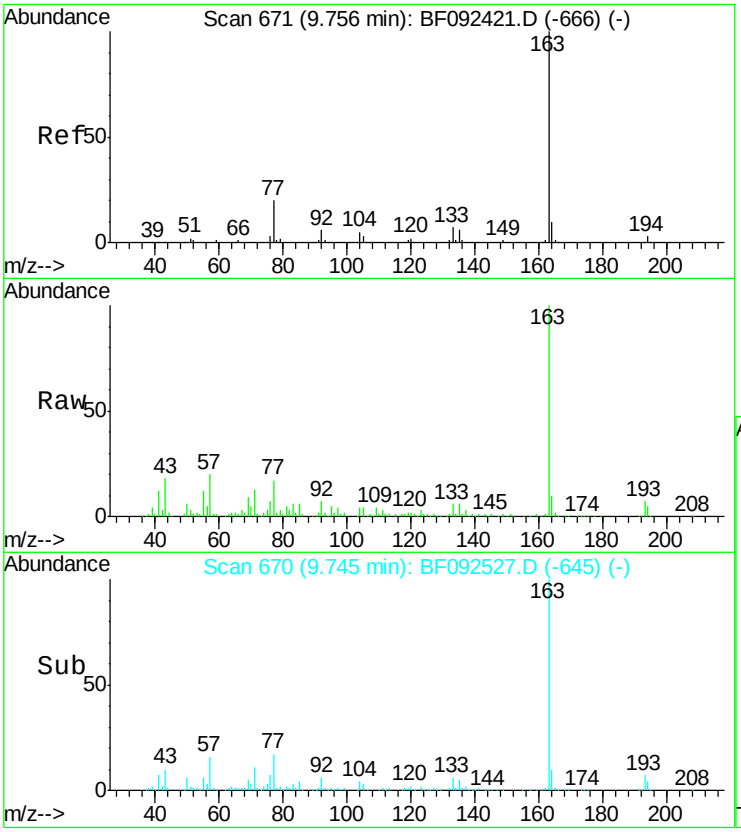


#44
2-Fluorobiphenyl
Concen: 42.94 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:172 Resp: 620339

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.9	20.2	30.4



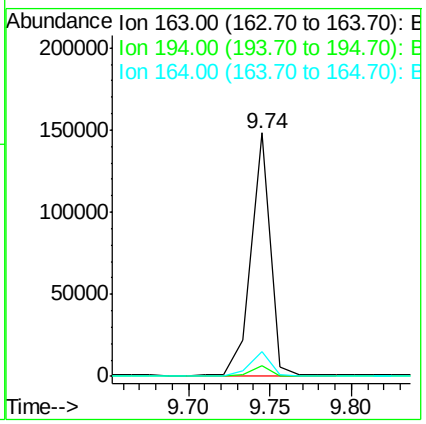


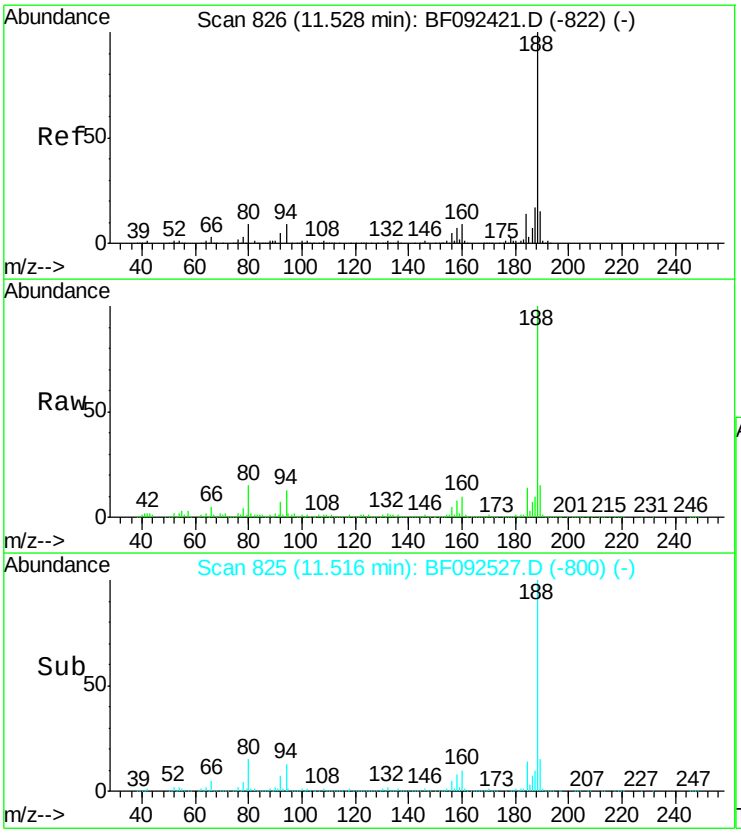
#49
Dimethylphthalate
Concen: 7.10 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:163 Resp: 120592

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.4#
164	10.2	8.0	12.0

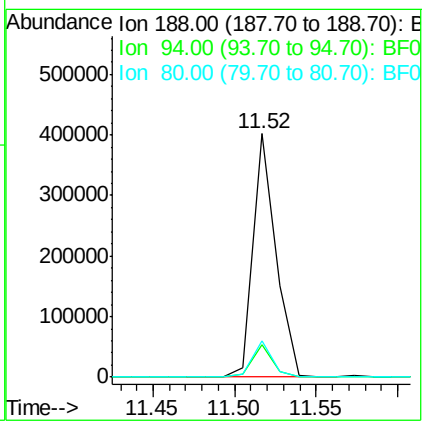


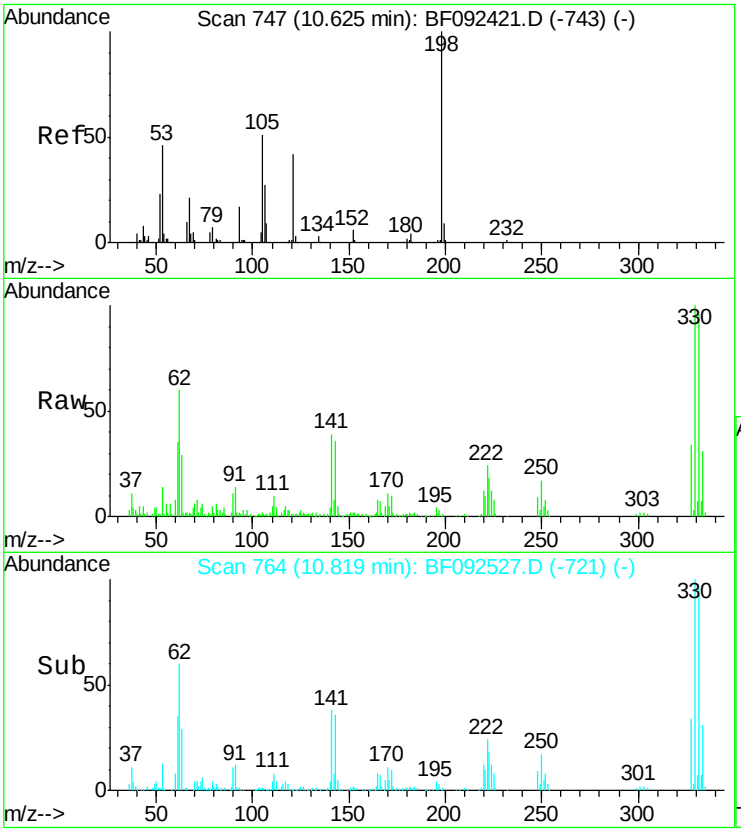


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:188 Resp: 393181

Ion	Ratio	Lower	Upper
188	100		
94	13.5	10.0	15.0
80	14.9	11.2	16.8



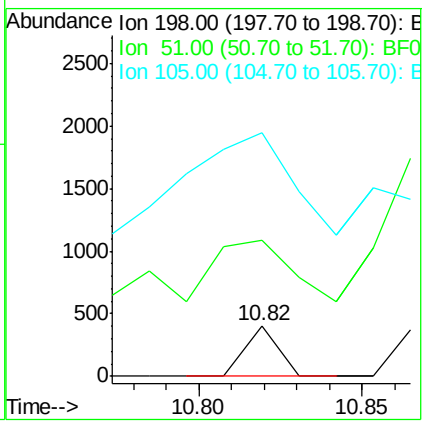


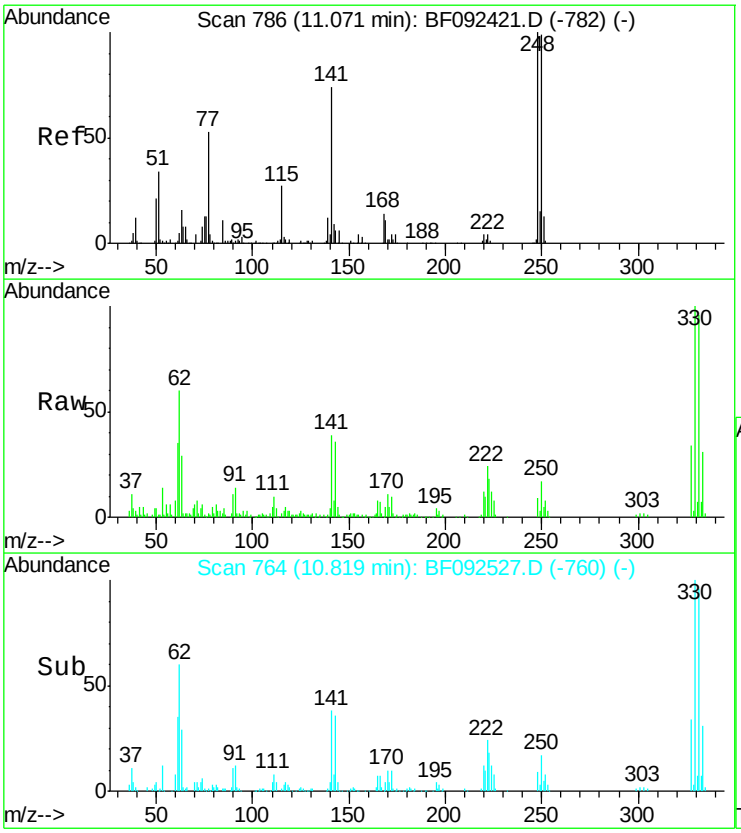
#64
4,6-Dinitro-2-methylphenol
Concen: 5.07 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:198 Resp: 276

Ion	Ratio	Lower	Upper
198	100		
51	269.2	6.7	46.7#
105	482.6	16.6	56.6#

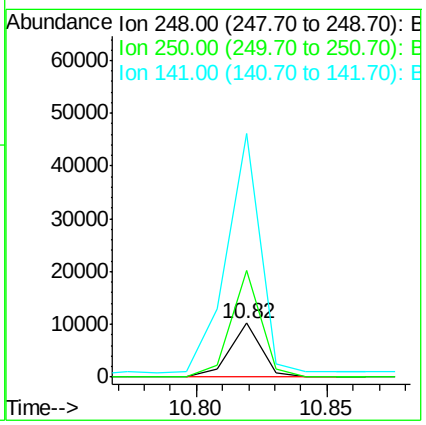


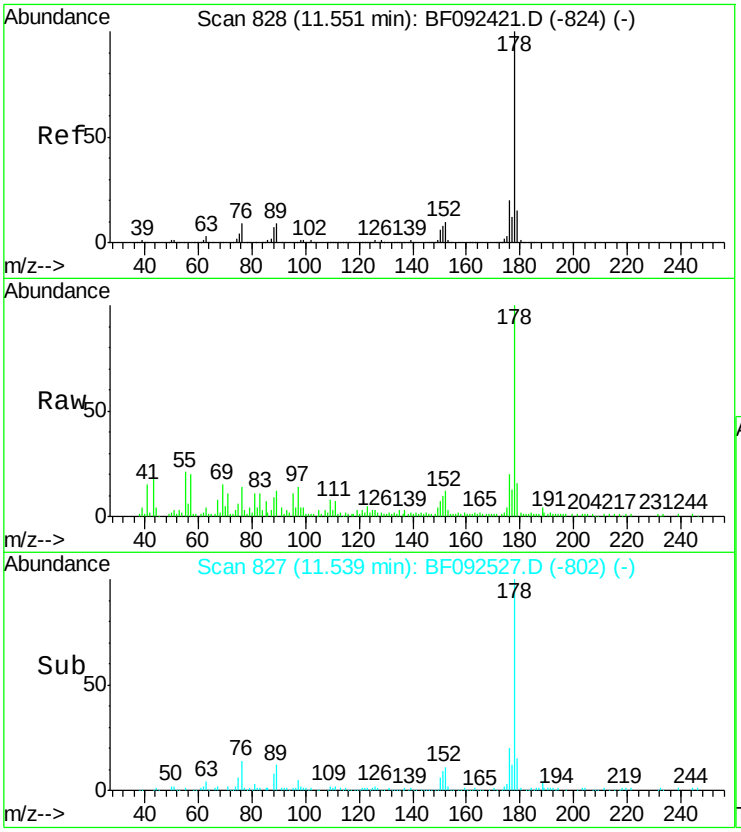


#66
4-Bromophenyl-phenylether
Concen: 2.15 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:248 Resp: 8546

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.9	115.3#
141	452.1	68.2	102.4#



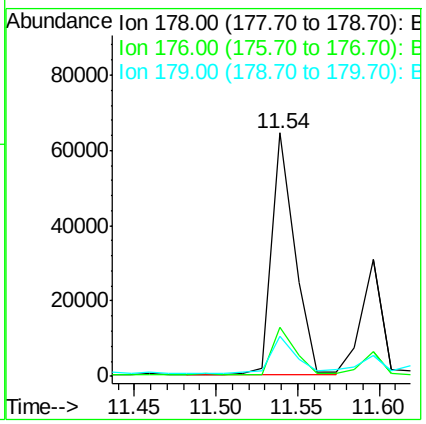


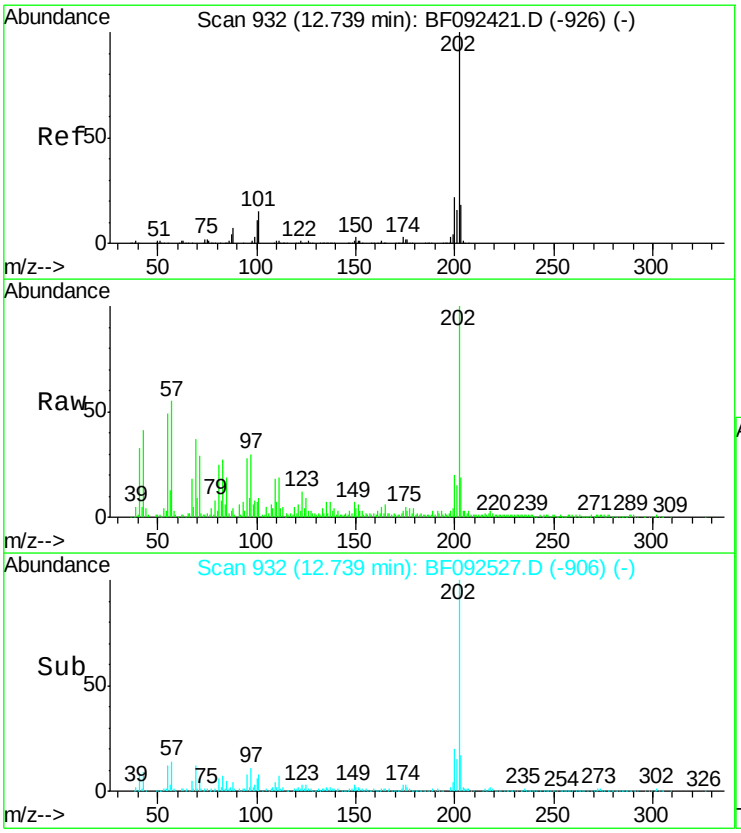
#70
Phenanthrene
Concen: 2.92 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:178 Resp: 63215

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	16.5	12.8	19.2

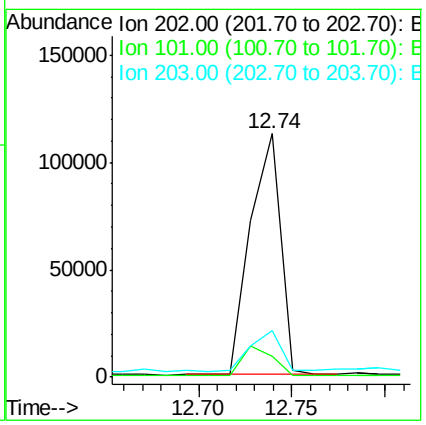


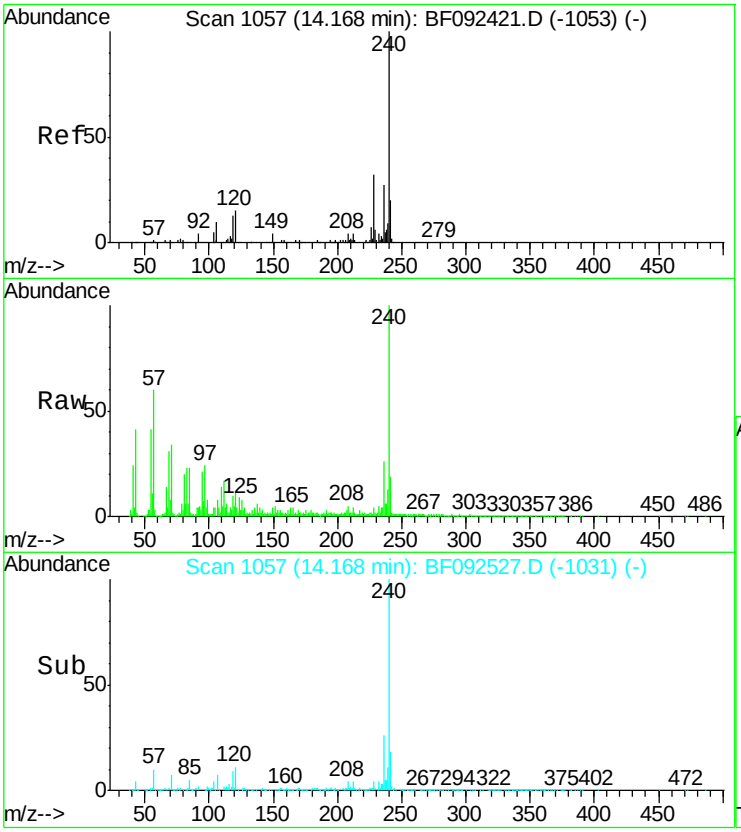


#74
Fluoranthene
Concen: 6.06 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:202 Resp: 128294

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.6
203	19.0	0.0	38.7



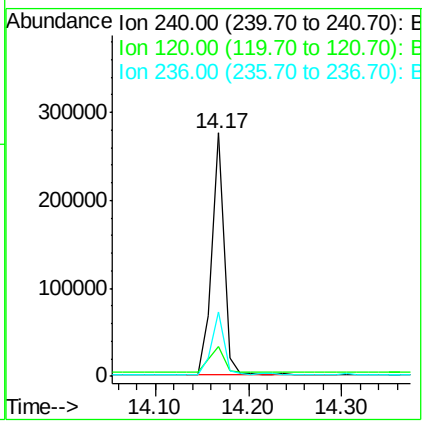


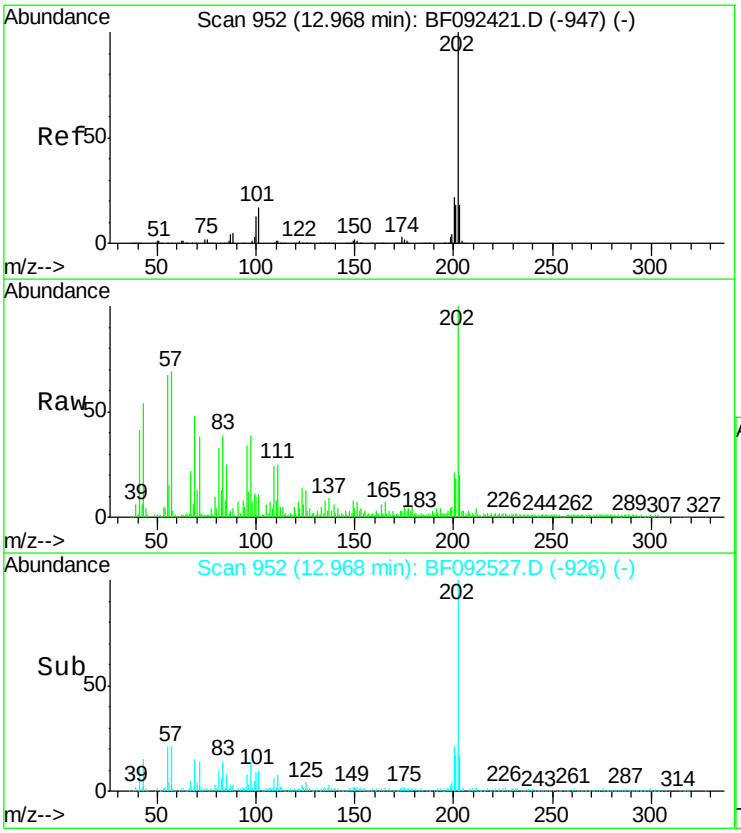
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:240 Resp: 255112

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.9	19.3#
236	26.5	20.9	31.3

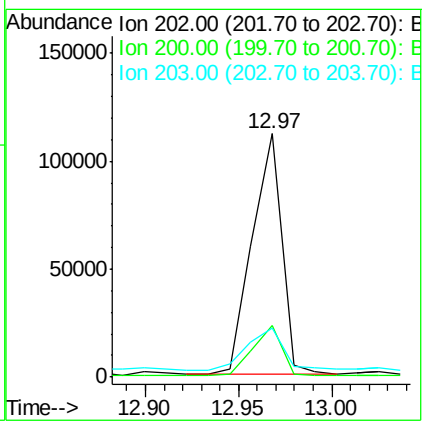


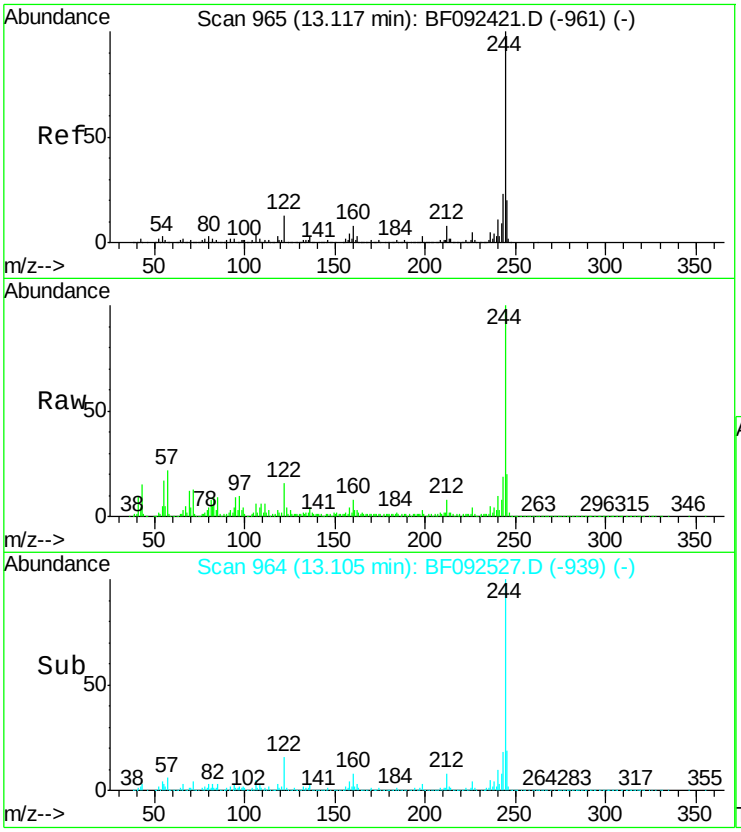


#77
Pyrene
Concen: 6.64 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:202 Resp: 122794

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	19.9	14.7	22.1



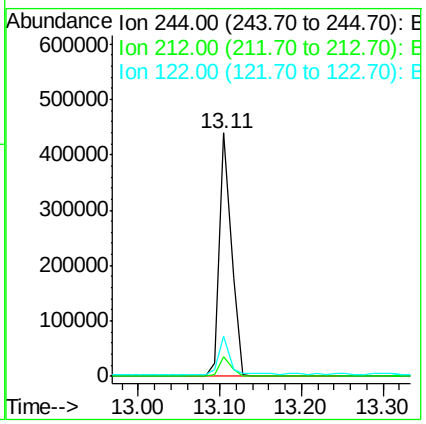


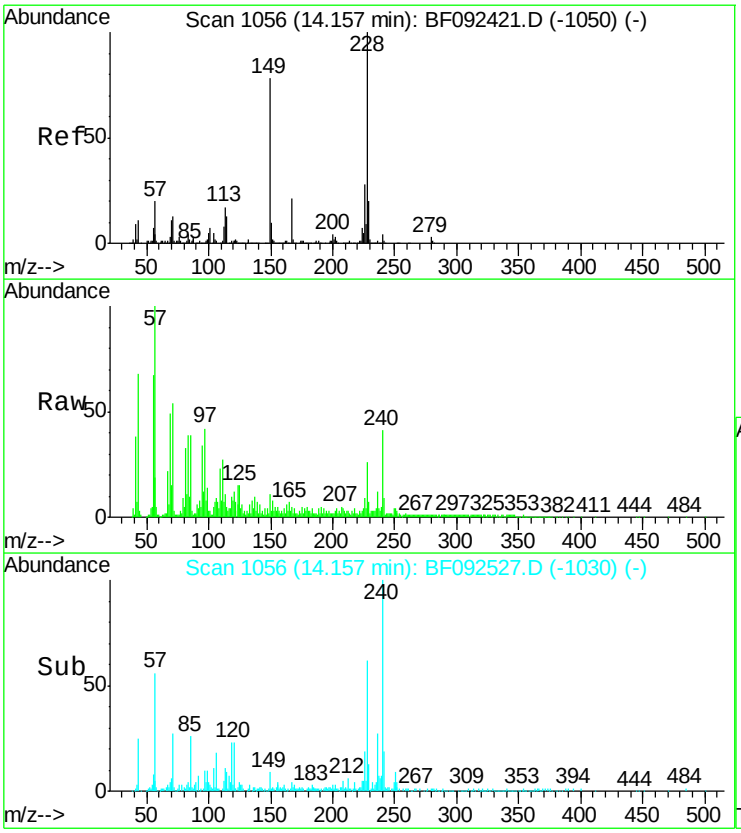
#78
Terphenyl-d14
Concen: 46.09 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:244 Resp: 441595

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	16.3	11.4	17.2

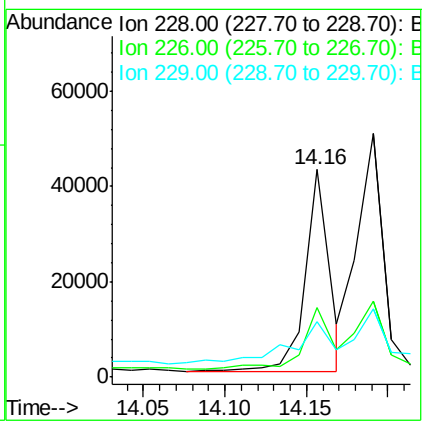


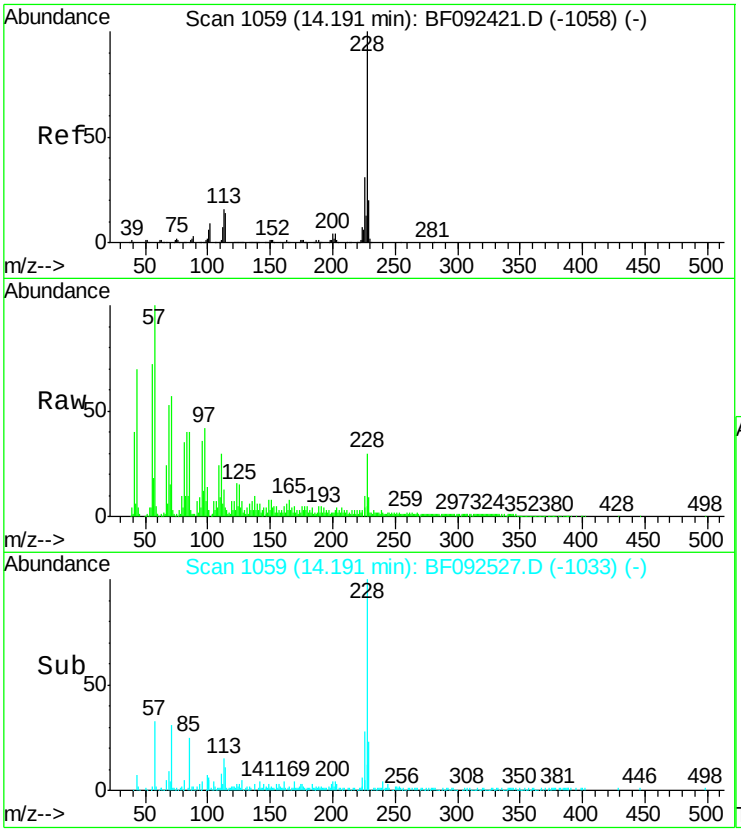


#80
Benzo(a)anthracene
Concen: 3.16 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:228 Resp: 43328

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.4	33.6
229	26.9	16.2	24.4#



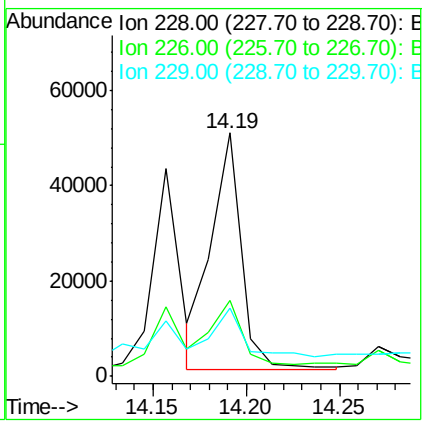


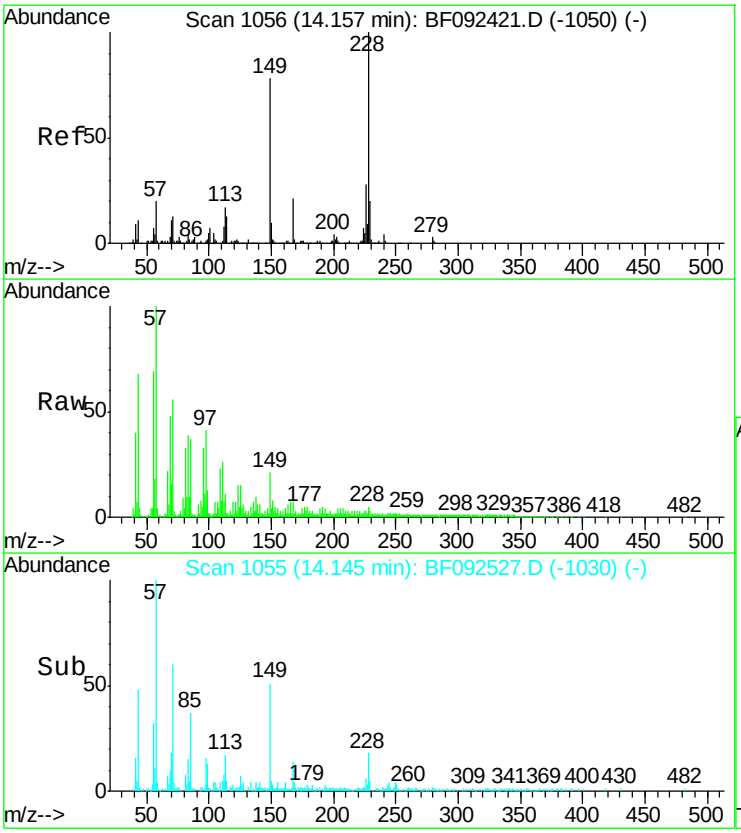
#82
Chrysene
Concen: 3.85 ng
RT: 14.19 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:228 Resp: 56407

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	28.2	16.2	24.2#

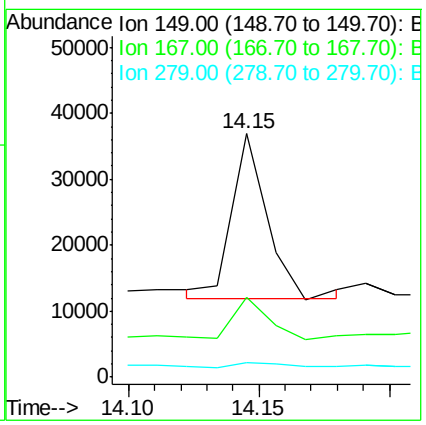


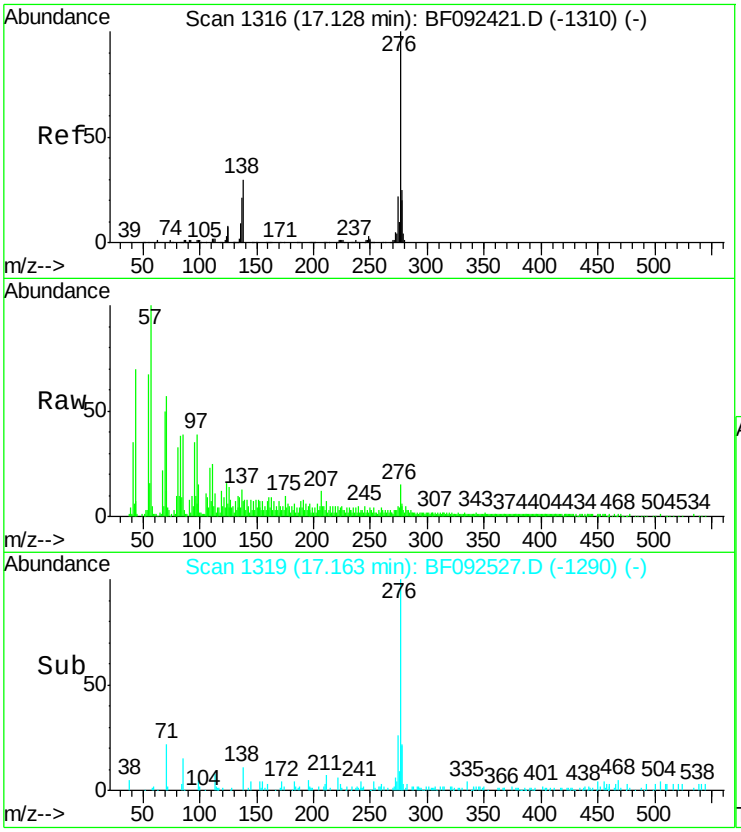


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.54 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:149 Resp: 23955

Ion	Ratio	Lower	Upper
149	100		
167	32.8	20.2	30.4#
279	6.2	1.8	2.8#



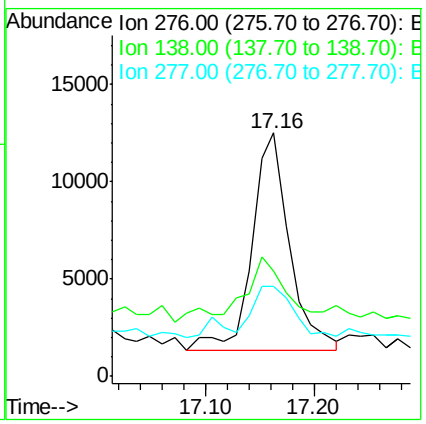


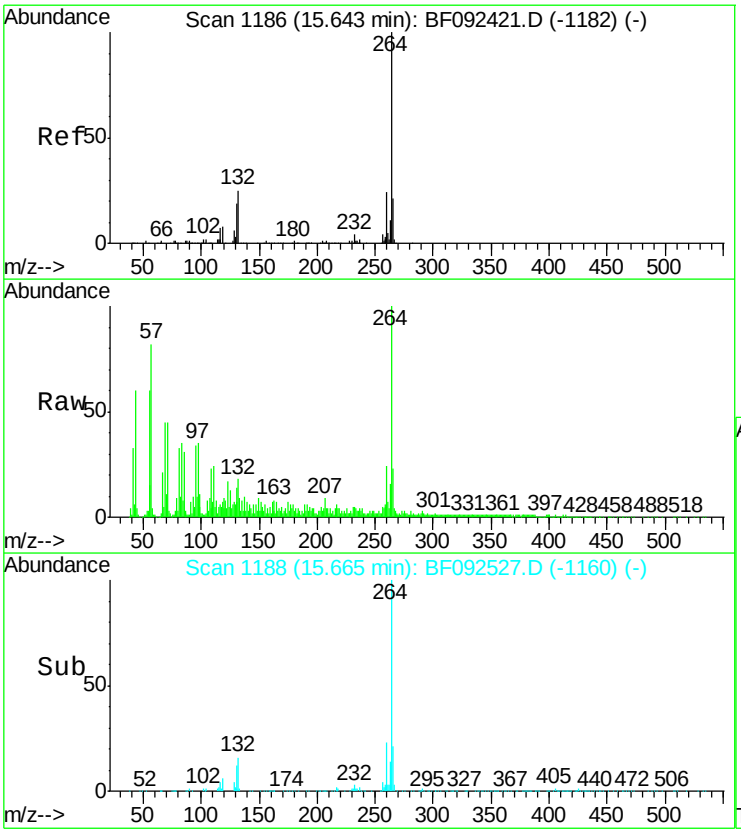
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.45 ng
RT: 17.16 min Scan# 1319
Delta R.T. 0.03 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:276 Resp: 26578

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.8	32.6
277	23.4	20.2	30.4

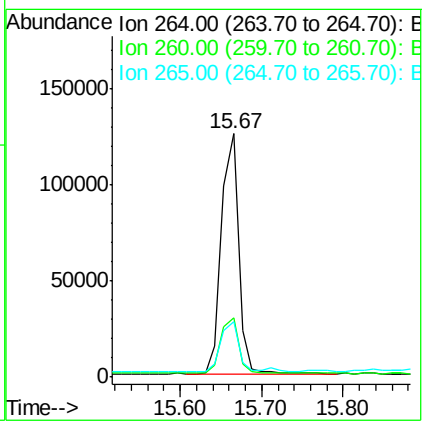


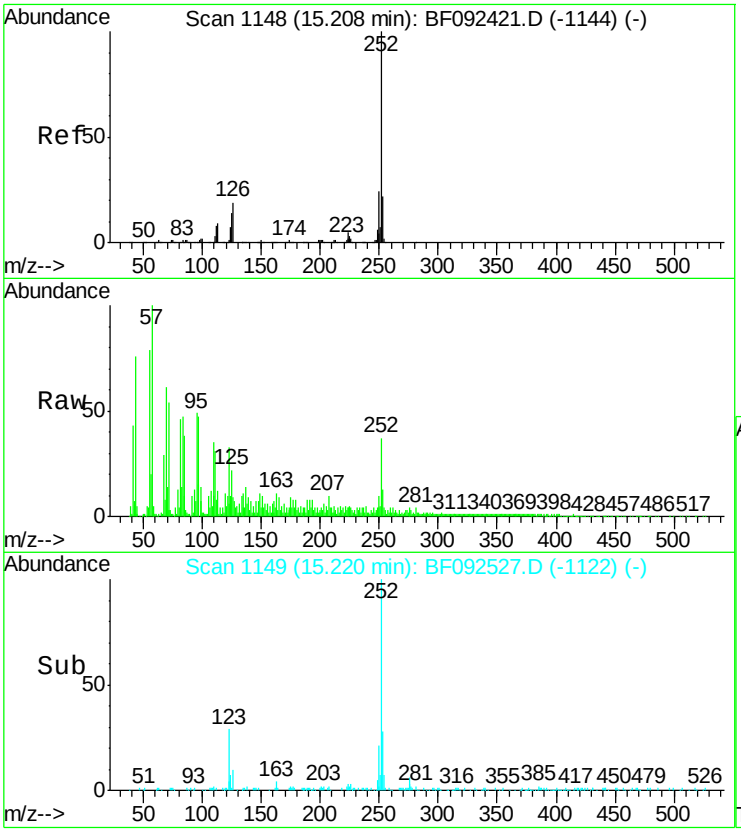


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:264 Resp: 184698

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.9	17.4	26.0



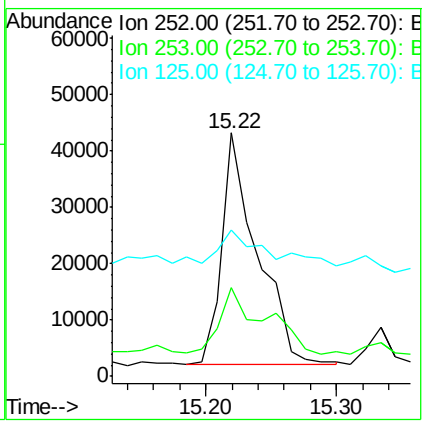


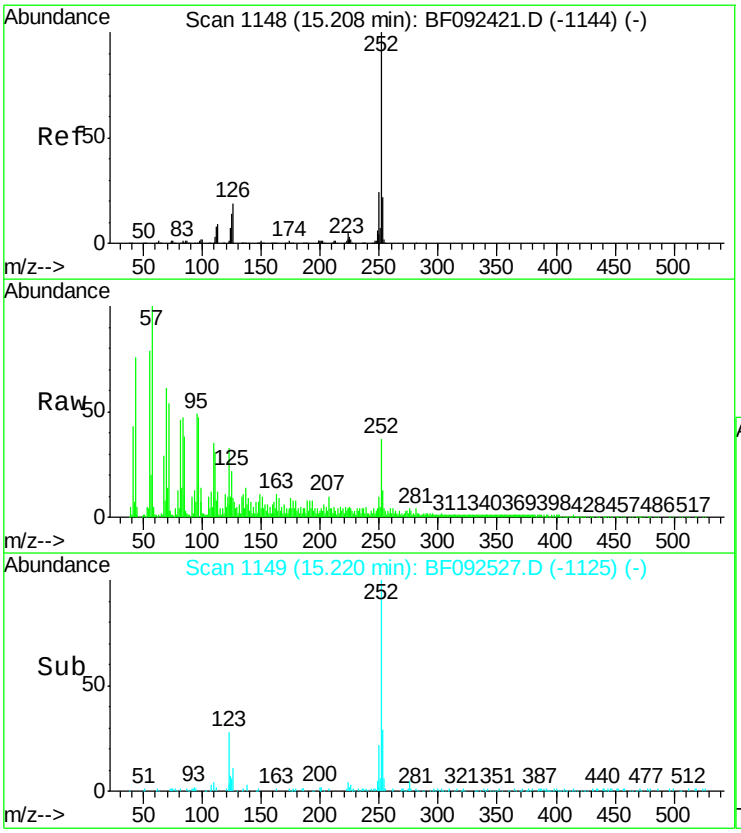
#87
Benzo(b)fluoranthene
Concen: 6.57 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:252 Resp: 77896

Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.2	27.4#
125	60.2	9.8	14.6#

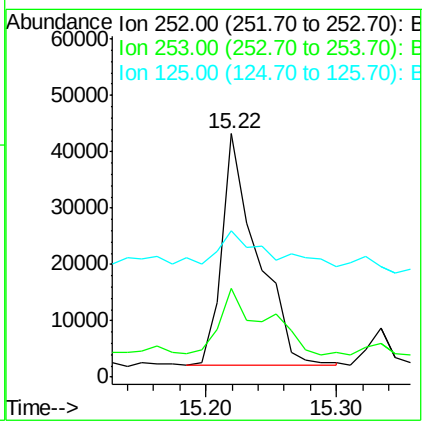


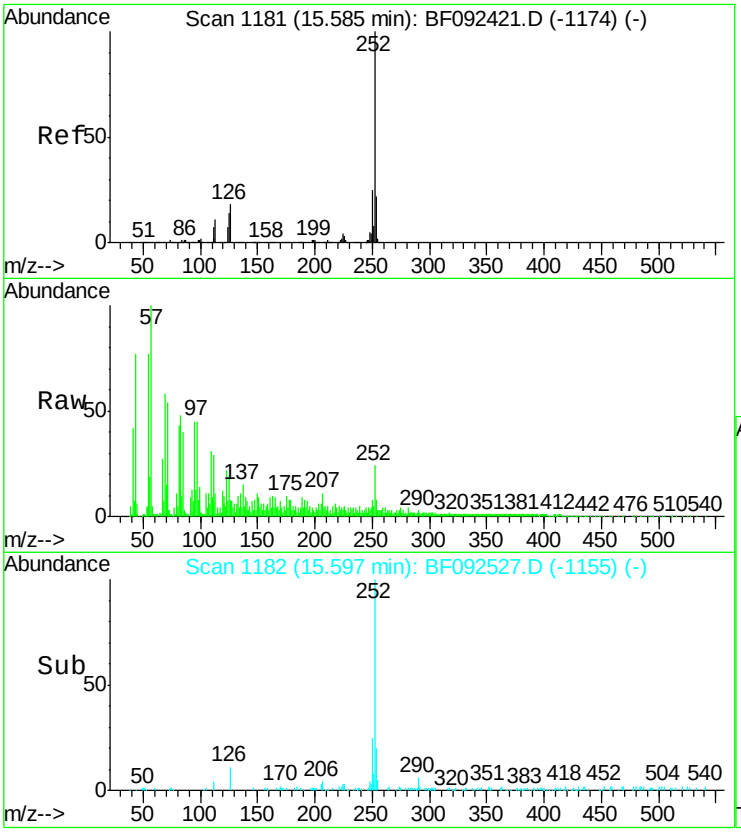


#88
Benzo(k)fluoranthene
Concen: 7.90 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:252 Resp: 77896

Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.5	27.7#
125	60.2	8.9	13.3#



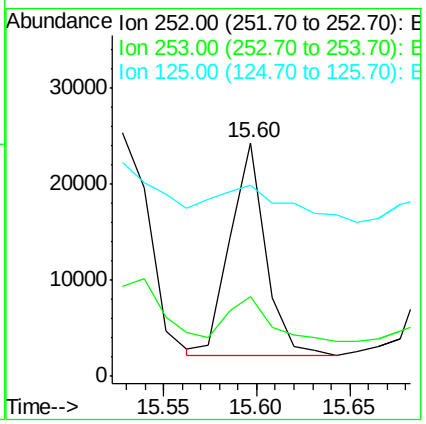


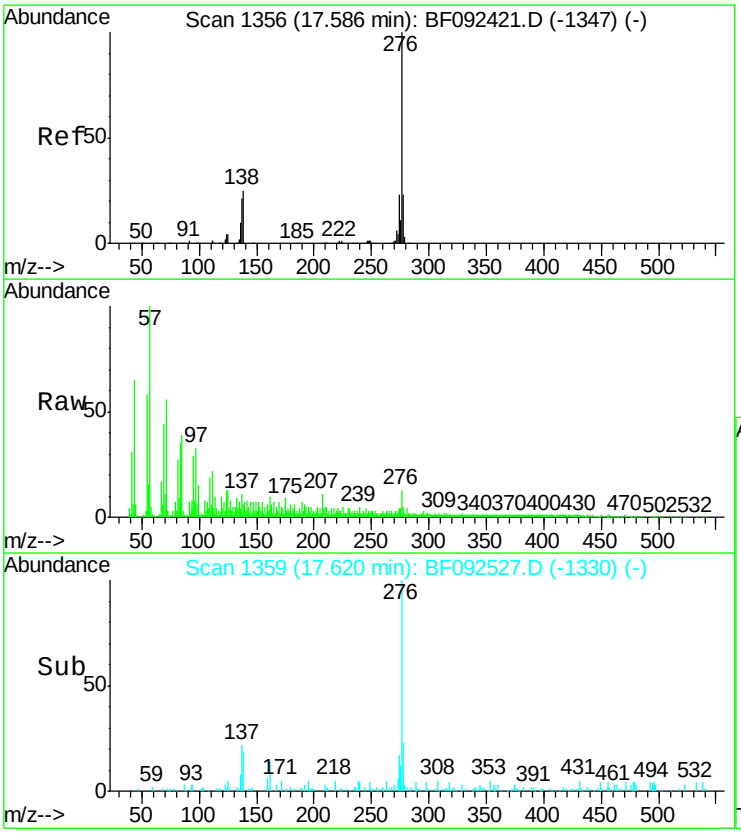
#89
Benzo(a)pyrene
Concen: 2.97 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

Tgt Ion:252 Resp: 29782

Ion	Ratio	Lower	Upper
252	100		
253	34.3	18.2	27.2#
125	81.6	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 3.11 ng
RT: 17.62 min Scan# 1359
Delta R.T. 0.03 min
Lab File: BF092527.D
Acq: 26 Jan 2017 15:55

Tgt Ion:276 Resp: 25551

Ion	Ratio	Lower	Upper
276	100		
277	38.1	19.2	28.8#
138	43.0	16.0	24.0#