Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092523.D
Acq On : 26 Jan 2017 14:05
Operator : SJ/MA
Sample : I1386-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 27 00:01:19 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	139313	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	507220	20.00	ng		-0.01
38) Acenaphthene-d10	10.02	164	236404	20.00	ng		-0.01
63) Phenanthrene-d10	11.52	188	357559	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	294466	20.00	ng		-0.01
86) Perylene-d12	15.64	264	214465	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	569929	63.65	ng		0.01
7) Phenol-d6	6.59	99	750020	65.76	ng		0.00
23) Nitrobenzene-d5	7.53	82	378506	40.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	88294	54.81	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	698100	54.61	ng		-0.01
78) Terphenyl-d14	13.11	244	509303	46.06	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.60	94	37348	2.71	ng	#	65
19) n-Nitroso-di-n-propylamine	7.53	70	50600	6.51	ng	#	86
25) Isophorone	7.53	82	367236	20.07	ng	#	65
49) Dimethylphthalate	9.73	163	37628	2.50	ng		100
50) 2,6-Dinitrotoluene	10.02	165	31639	10.30	ng	#	31
56) 2,4-Dinitrotoluene	10.02	165	31859	7.81	ng	#	20
70) Phenanthrene	11.54	178	96109	4.88	ng		97
74) Fluoranthene	12.73	202	223545	11.61	ng		93
77) Pyrene	12.96	202	203047	9.52	ng		98
80) Benzo(a)anthracene	14.15	228	78778	4.98	ng		95
82) Chrysene	14.15	228	78778	4.66	ng		96
85) Indeno(1,2,3-cd)pyrene	17.13	276	30298	2.42	ng	#	82
87) Benzo(b)fluoranthene	15.21	252	101930	7.40	ng	#	73
88) Benzo(k)fluoranthene	15.21	252	101930	8.90	ng	#	73
89) Benzo(a)pyrene	15.57	252	50702	4.35	ng	#	63
91) Benzo(g,h,i)perylene	17.59	276	32673	3.43	ng	#	72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092523.D
Acq On : 26 Jan 2017 14:05
Operator : SJ/MA
Sample : I1386-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 27 00:01:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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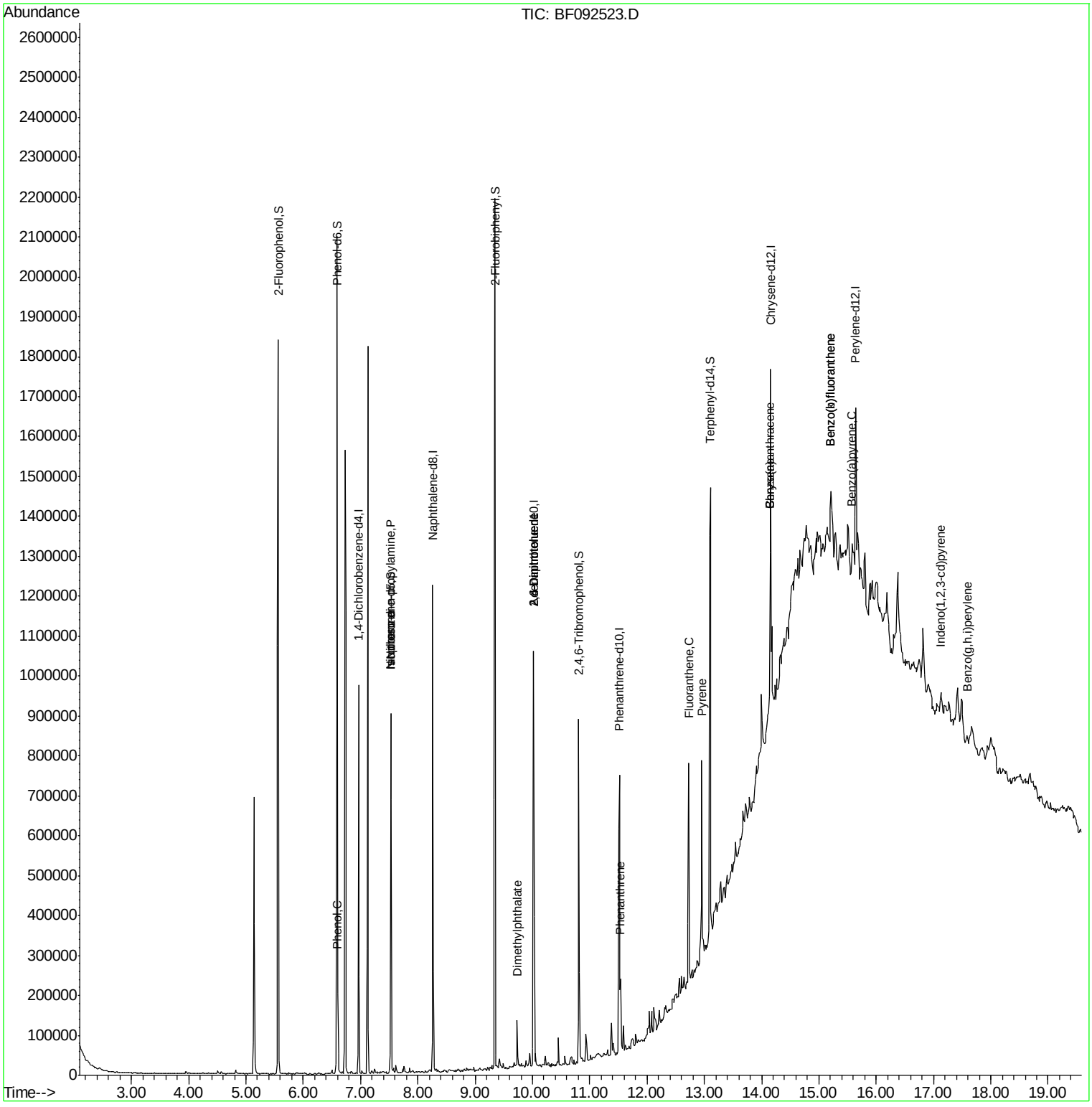
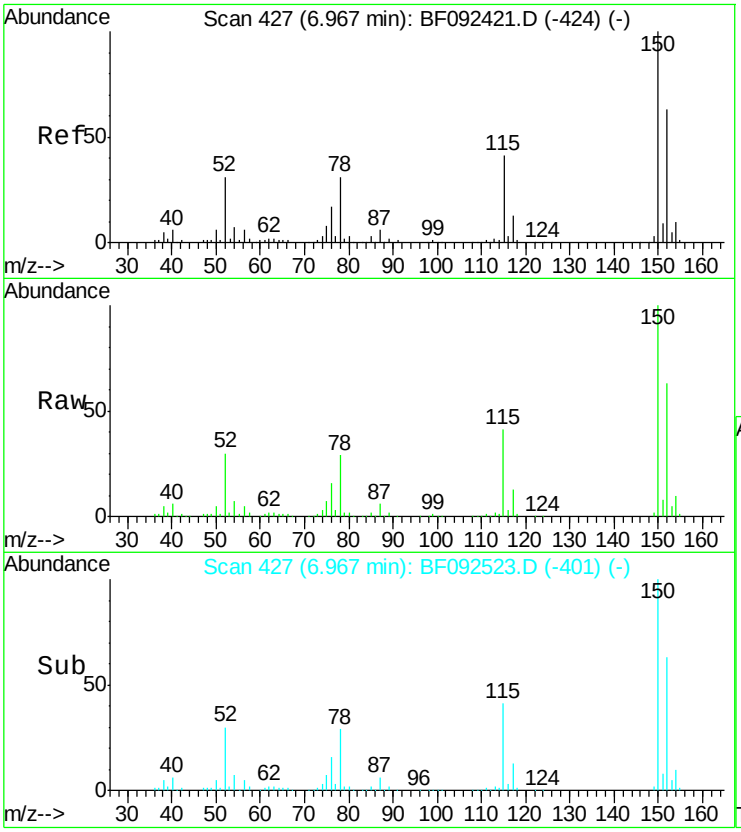


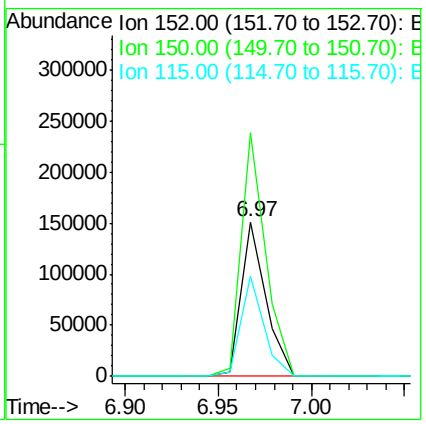


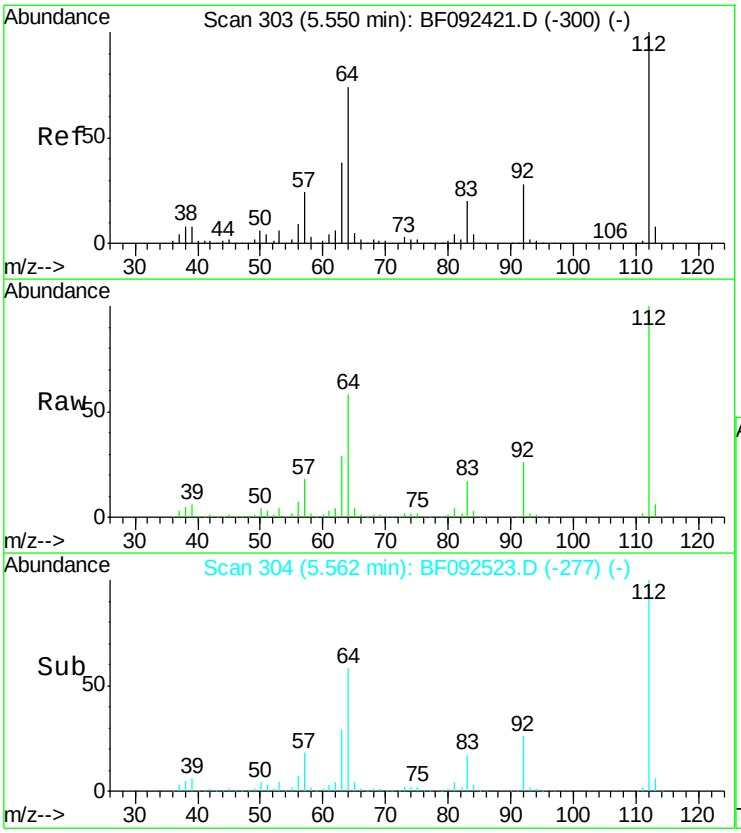
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:152 Resp: 139313

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.9	187.3
115	65.0	46.0	69.0

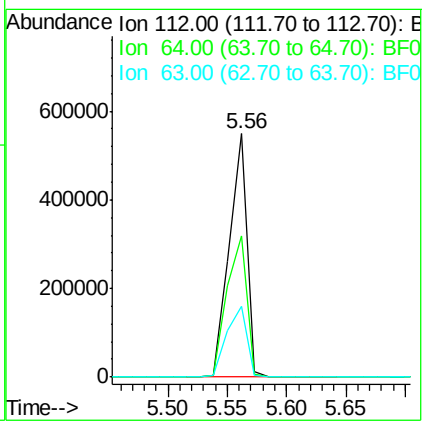


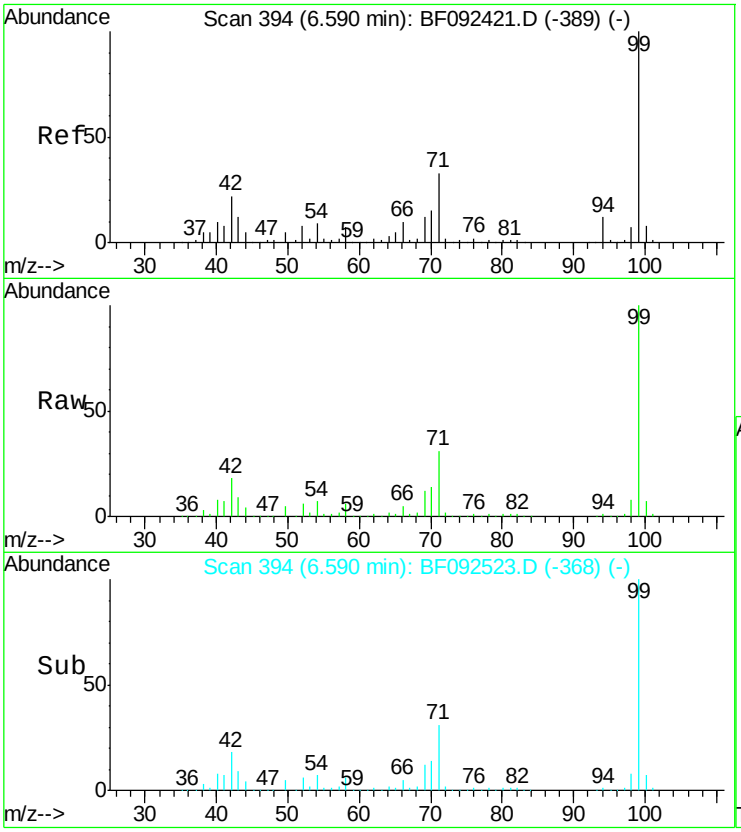


#5
2-Fluorophenol
Concen: 63.65 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:112 Resp: 569929

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.1	69.1
63	29.3	23.8	35.6



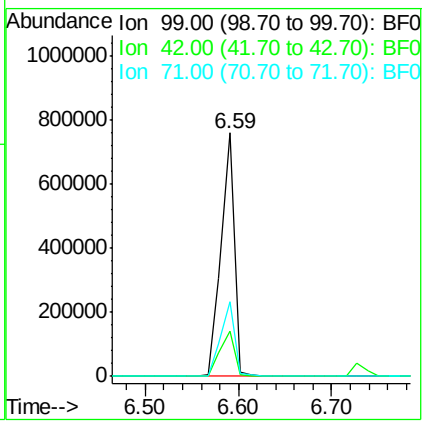


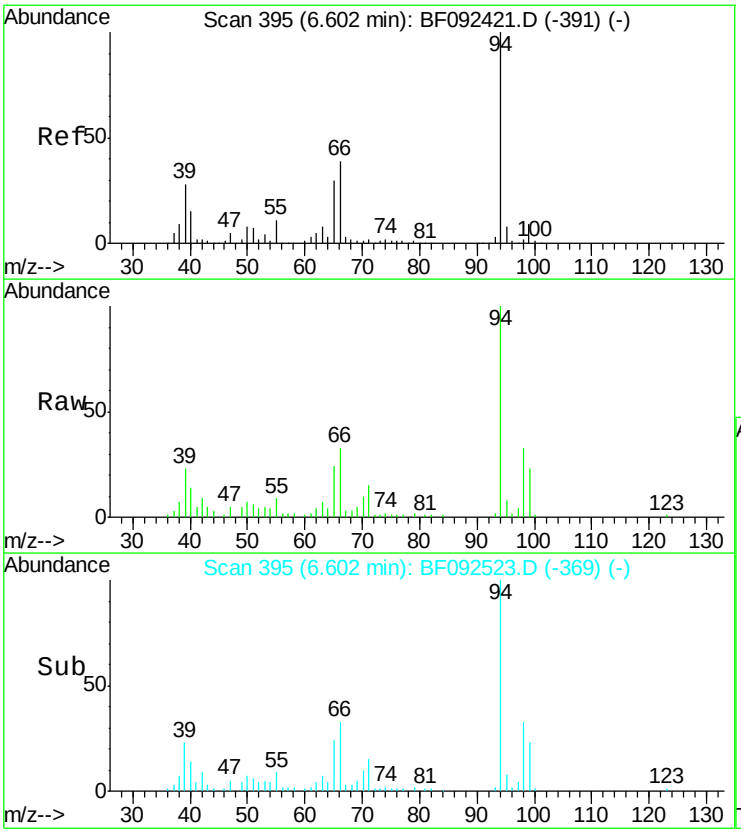
#7
Phenol-d6
Concen: 65.76 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion: 99 Resp: 750020

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.6	23.4
71	30.7	27.5	41.3

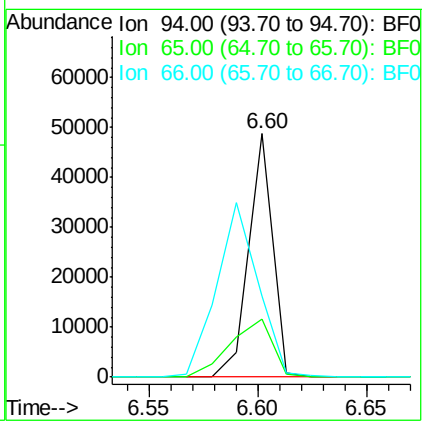


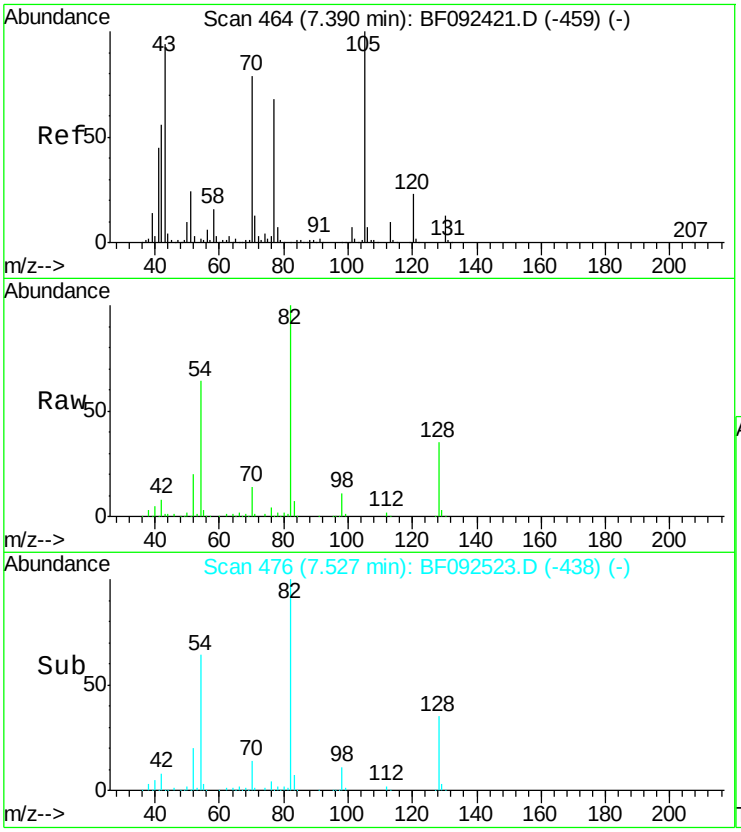


#10
Phenol
Concen: 2.71 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion: 94 Resp: 37348

Ion	Ratio	Lower	Upper
94	100		
65	23.9	21.4	61.4
66	33.0	44.0	84.0#



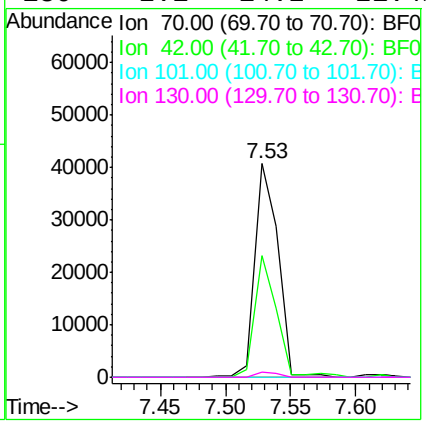


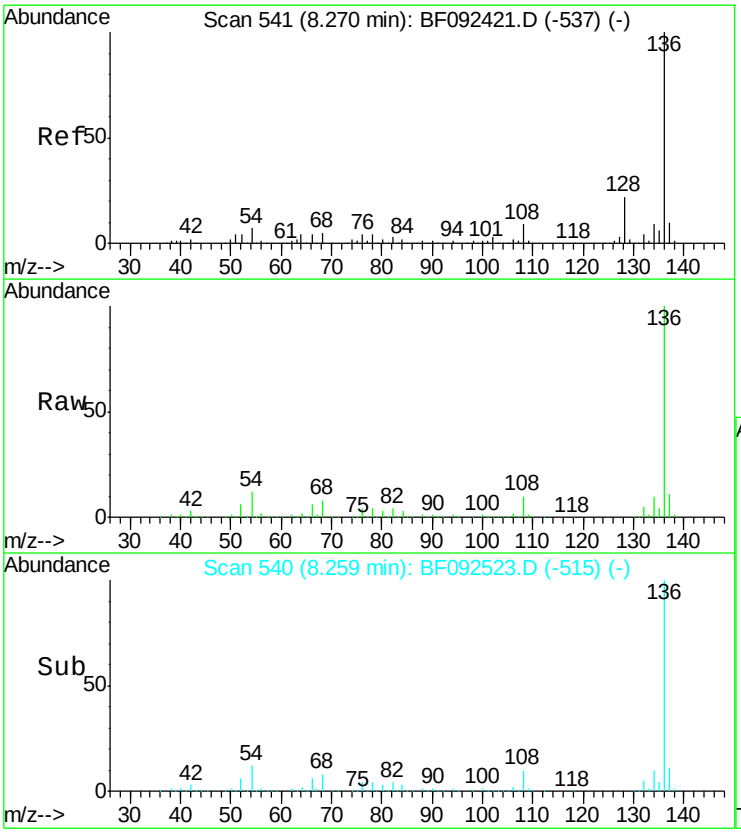
#19
n-Nitroso-di-n-propylamine
Concen: 6.51 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion: 70 Resp: 50600

Ion	Ratio	Lower	Upper
70	100		
42	57.2	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

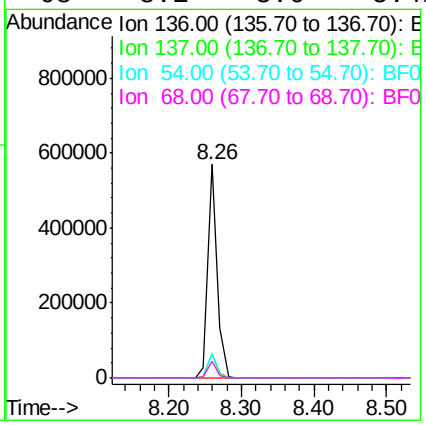


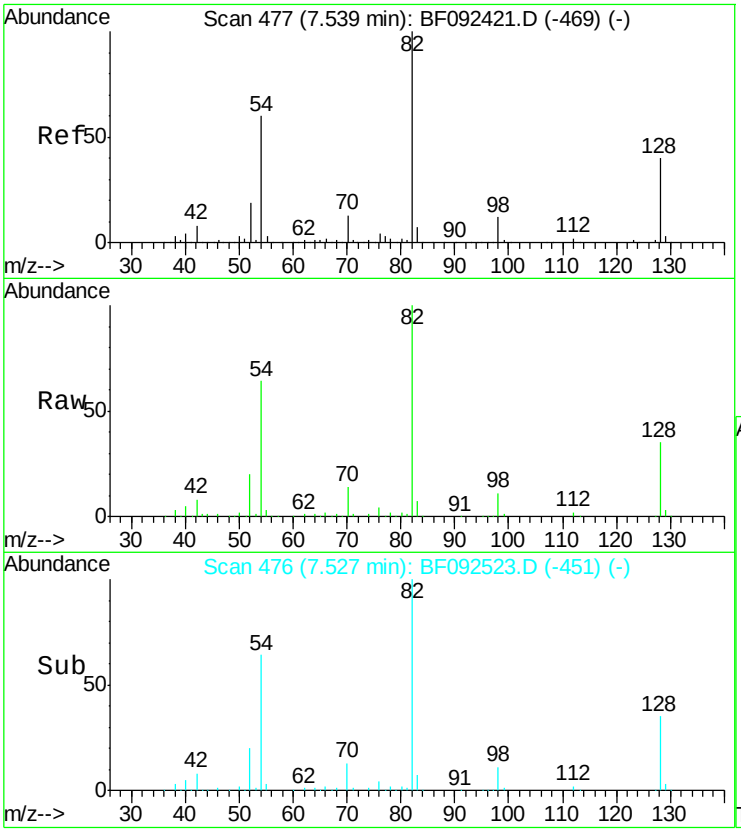


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:136 Resp: 507220

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.6	4.5	6.7#
68	8.1	3.6	5.4#



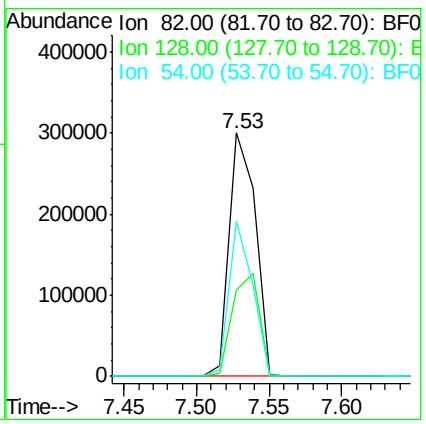


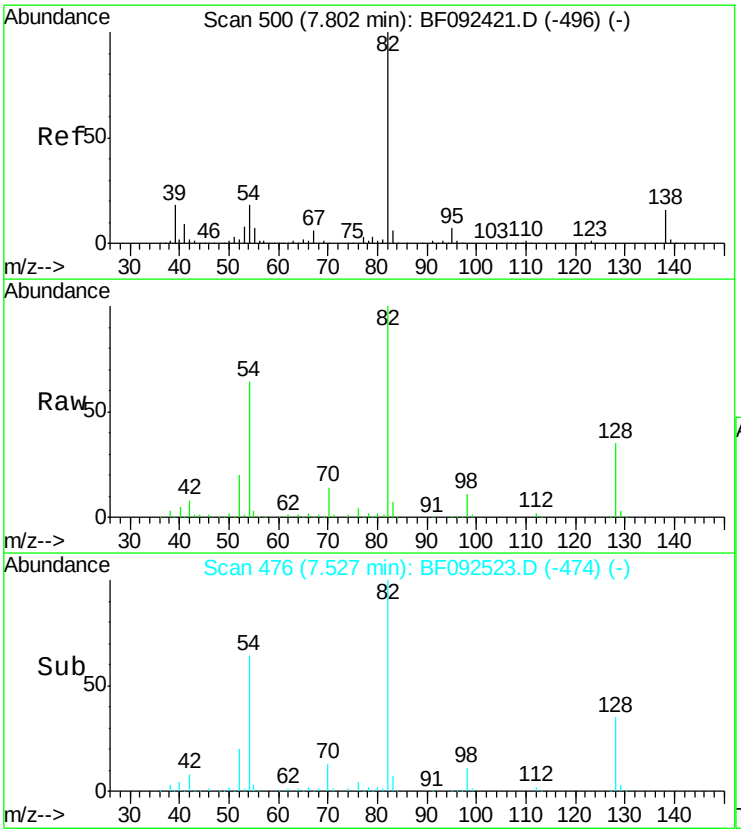
#23
Nitrobenzene-d5
Concen: 40.76 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion: 82 Resp: 378506

Ion	Ratio	Lower	Upper
82	100		
128	35.4	34.6	52.0
54	63.9	39.5	59.3#

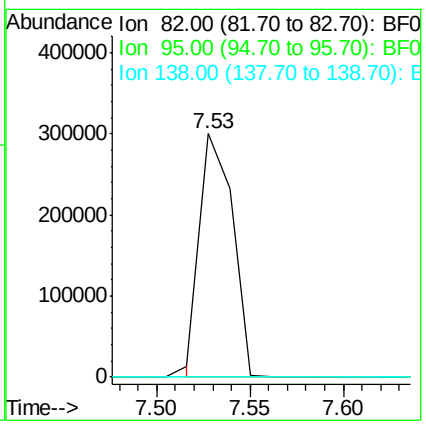


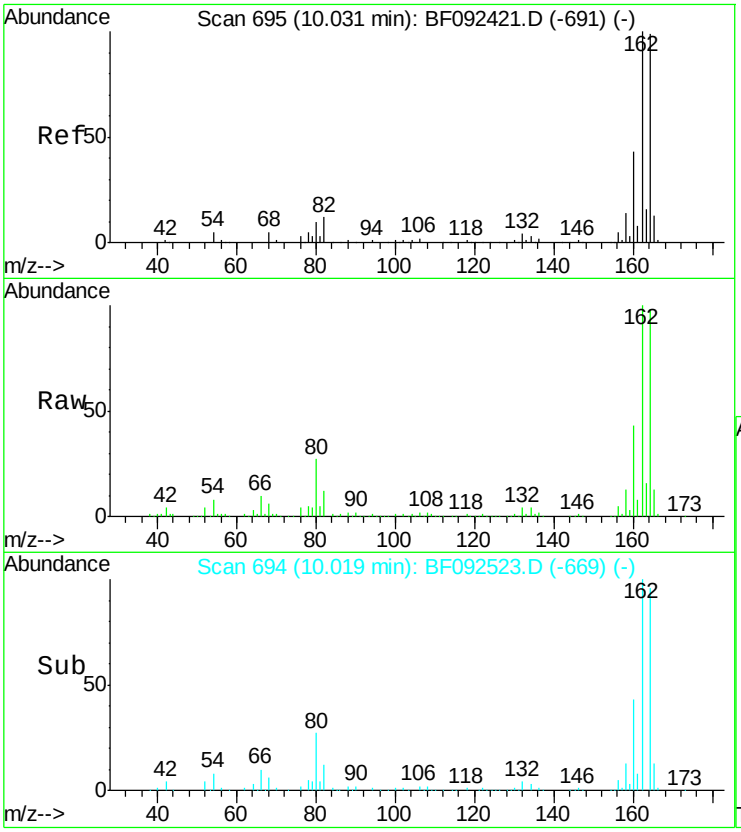


#25
Isophorone
Concen: 20.07 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion: 82 Resp: 367236

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



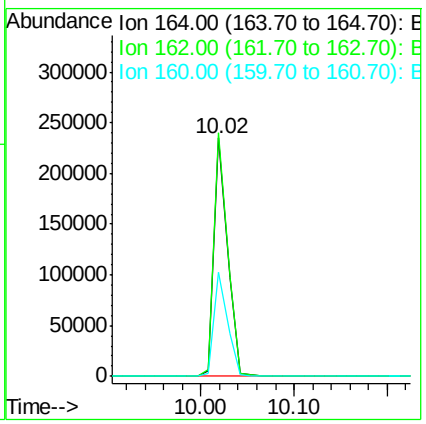


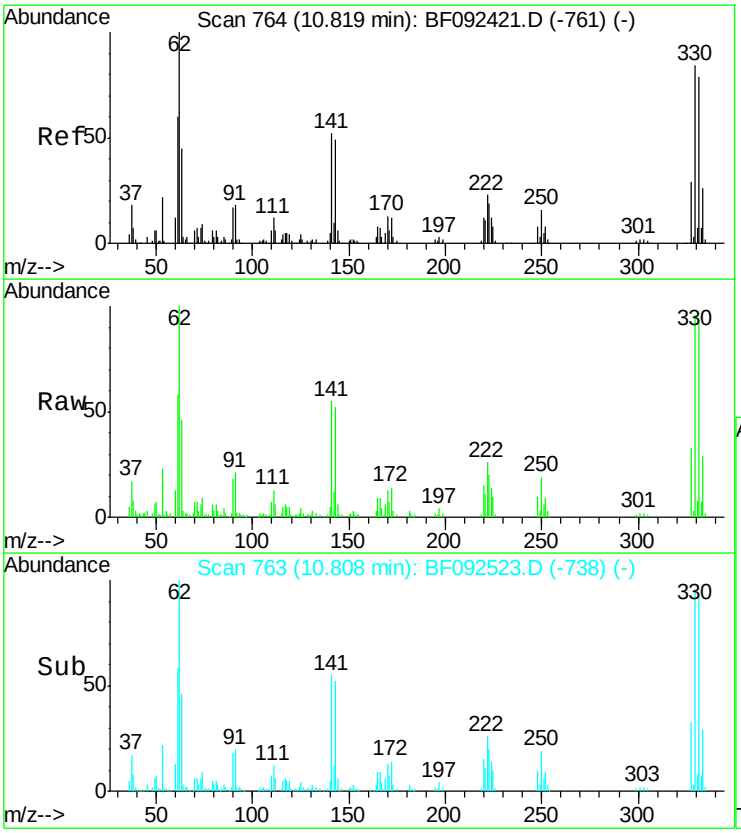
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:164 Resp: 236404

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.6	36.9	55.3

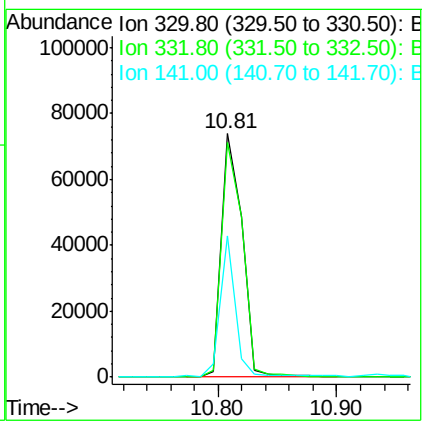


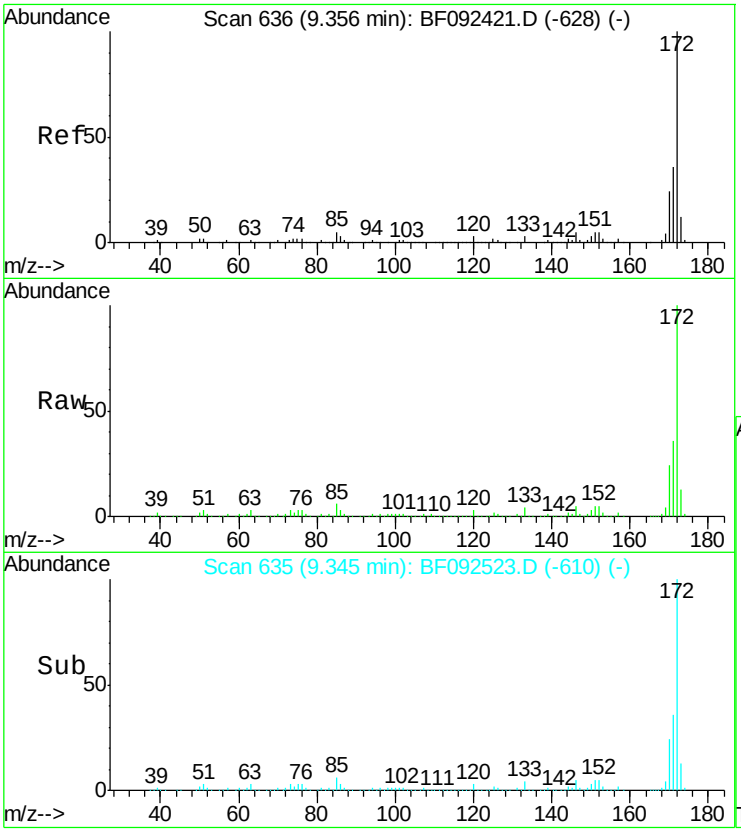


#41
2,4,6-Tribromophenol
Concen: 54.81 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:330 Resp: 88294

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	43.4	34.1	51.1



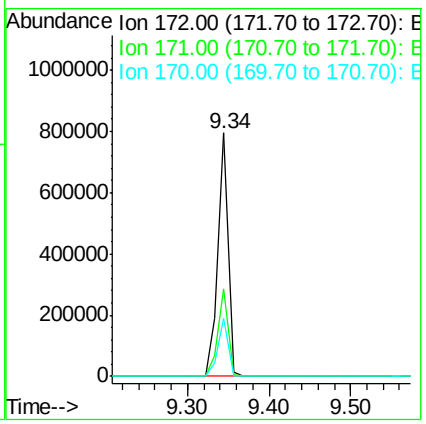


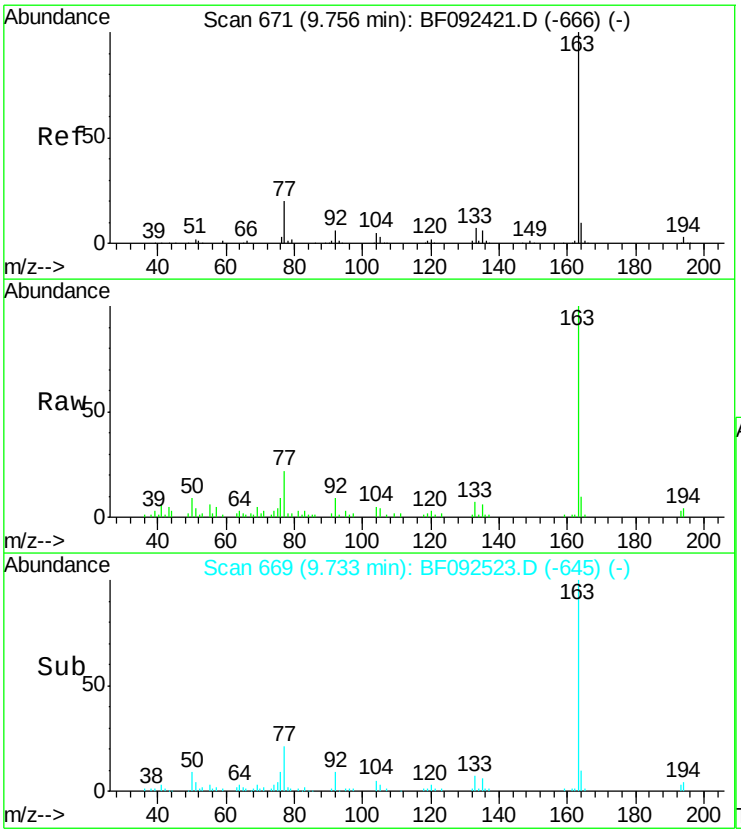
#44
2-Fluorobiphenyl
Concen: 54.61 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:172 Resp: 698100

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.6	20.2	30.4

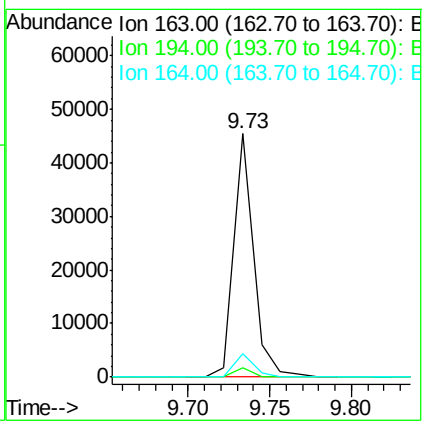


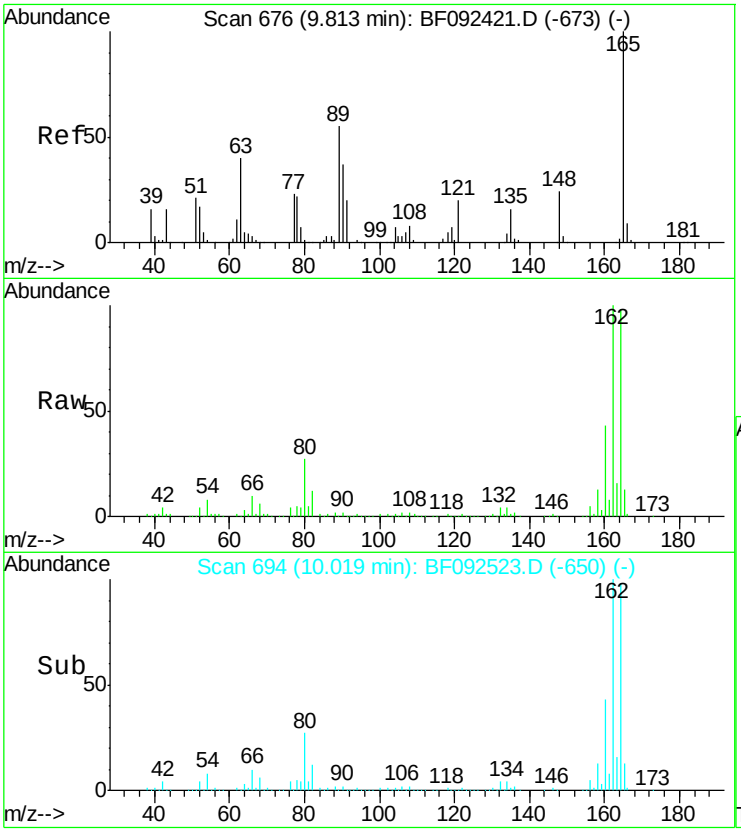


#49
Dimethylphthalate
Concen: 2.50 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:163 Resp: 37628

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.0	12.0



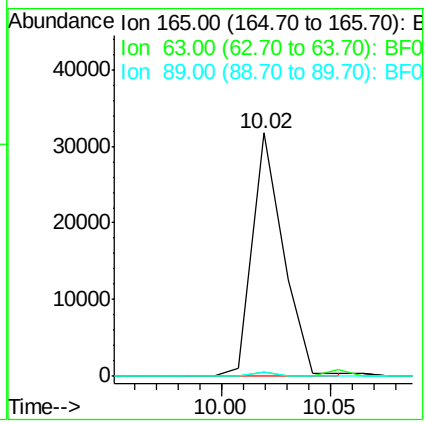


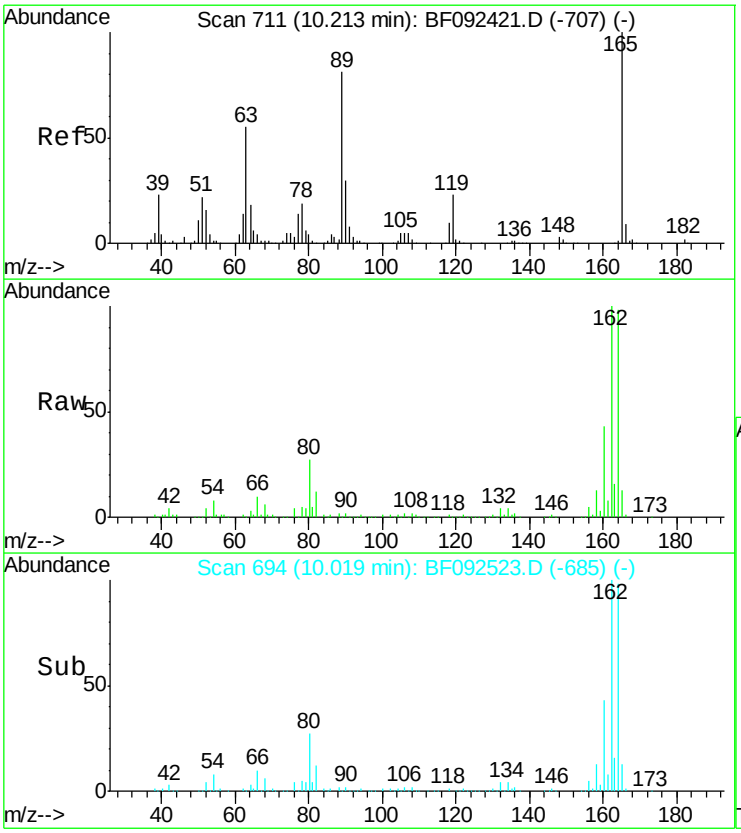
#50
2,6-Dinitrotoluene
Concen: 10.30 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:165 Resp: 31639

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.6	40.2	60.4#

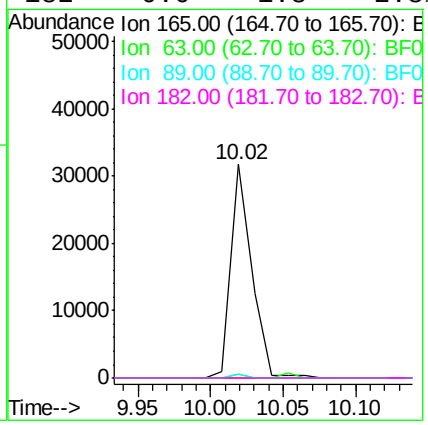


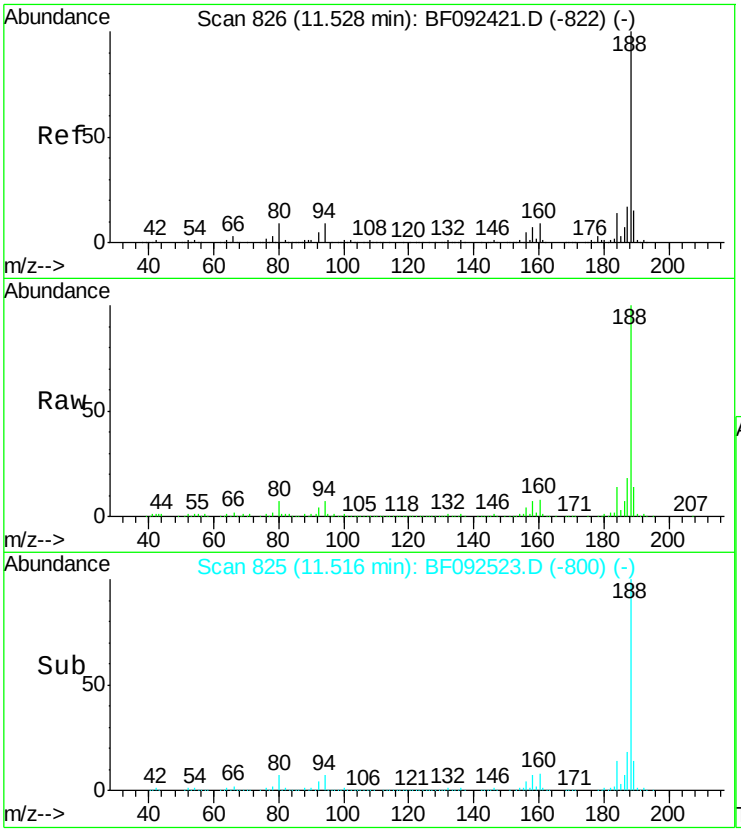


#56
2,4-Dinitrotoluene
Concen: 7.81 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:165 Resp: 31859

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#



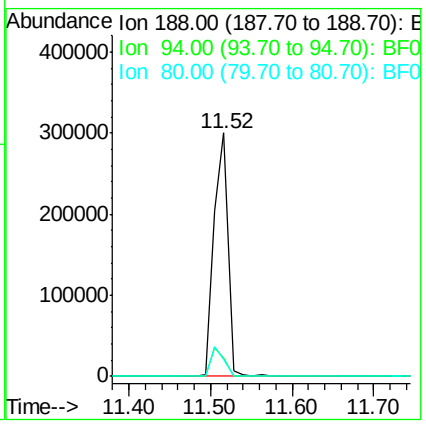


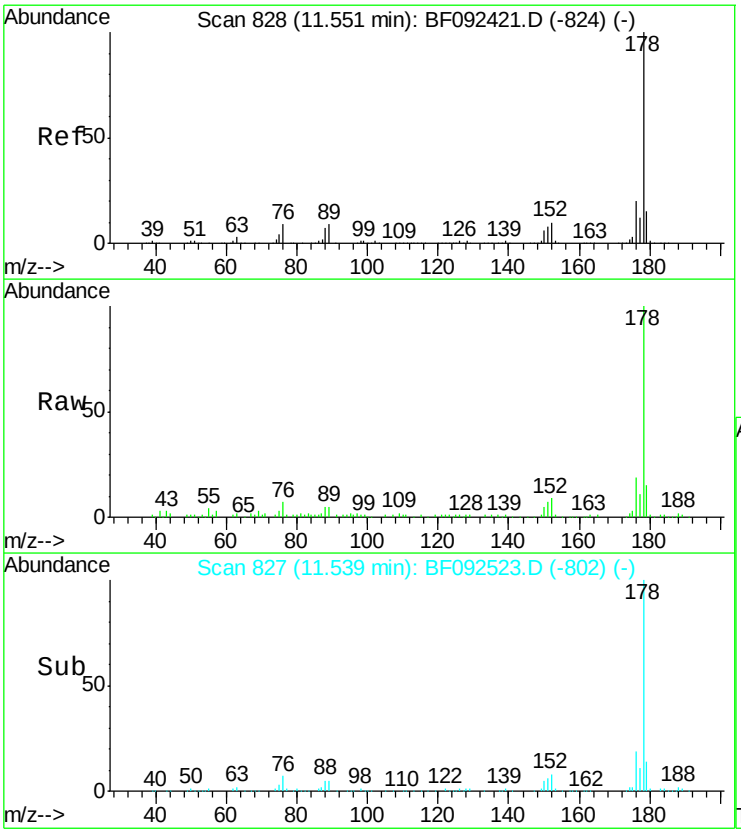
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:188 Resp: 357559

Ion	Ratio	Lower	Upper
188	100		
94	7.3	10.0	15.0#
80	7.1	11.2	16.8#

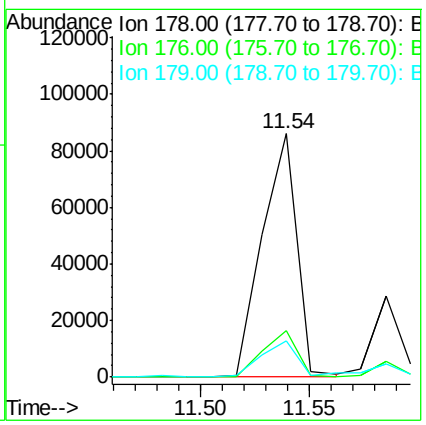


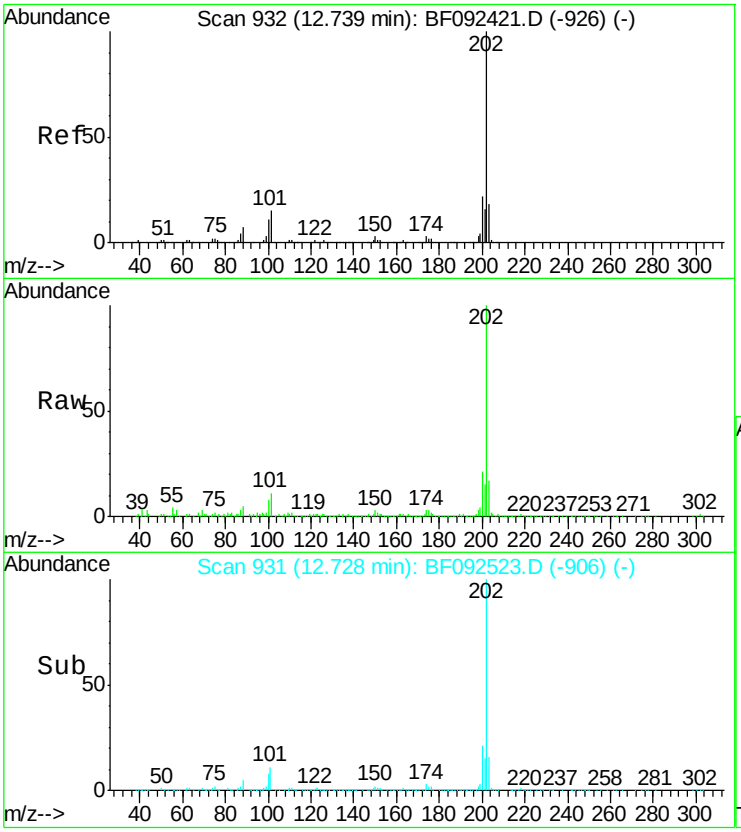


#70
Phenanthrene
Concen: 4.88 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:178 Resp: 96109

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	14.7	12.8	19.2



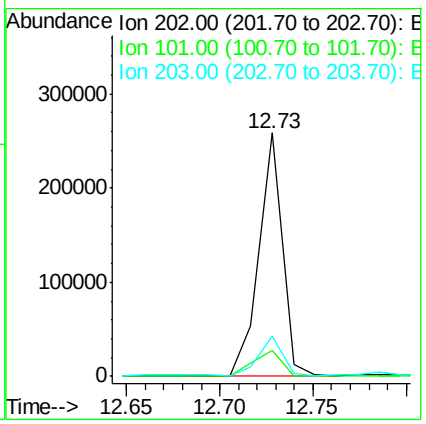


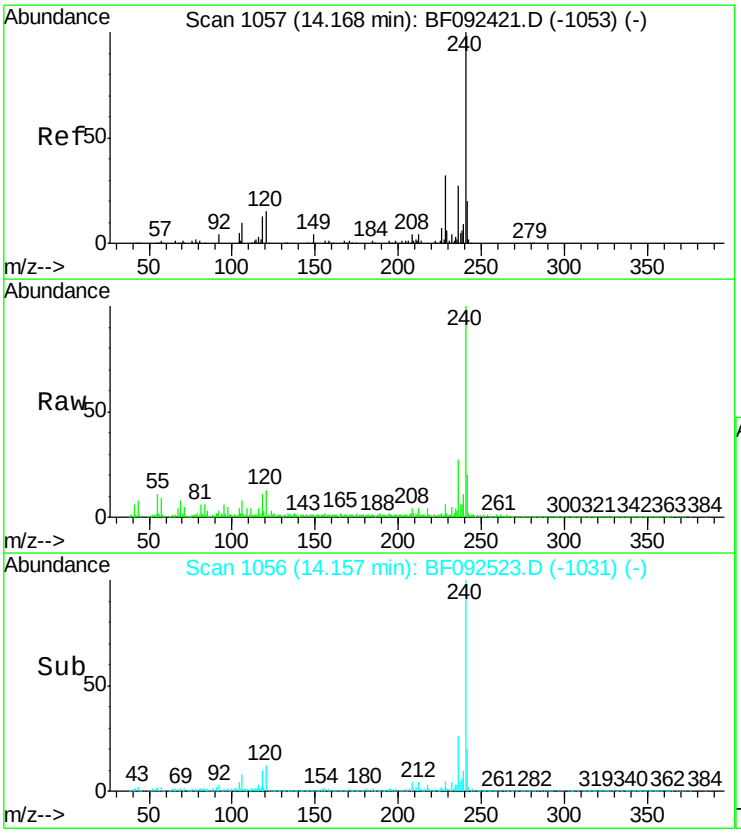
#74
Fluoranthene
Concen: 11.61 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:202 Resp: 223545

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.6
203	16.7	0.0	38.7

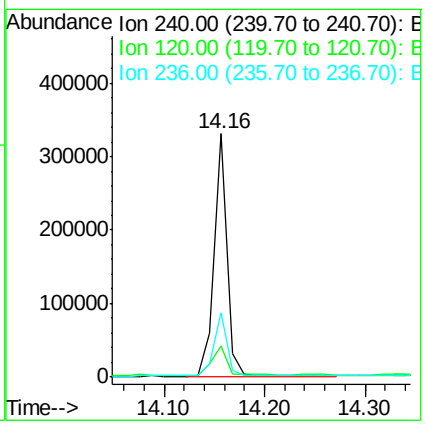


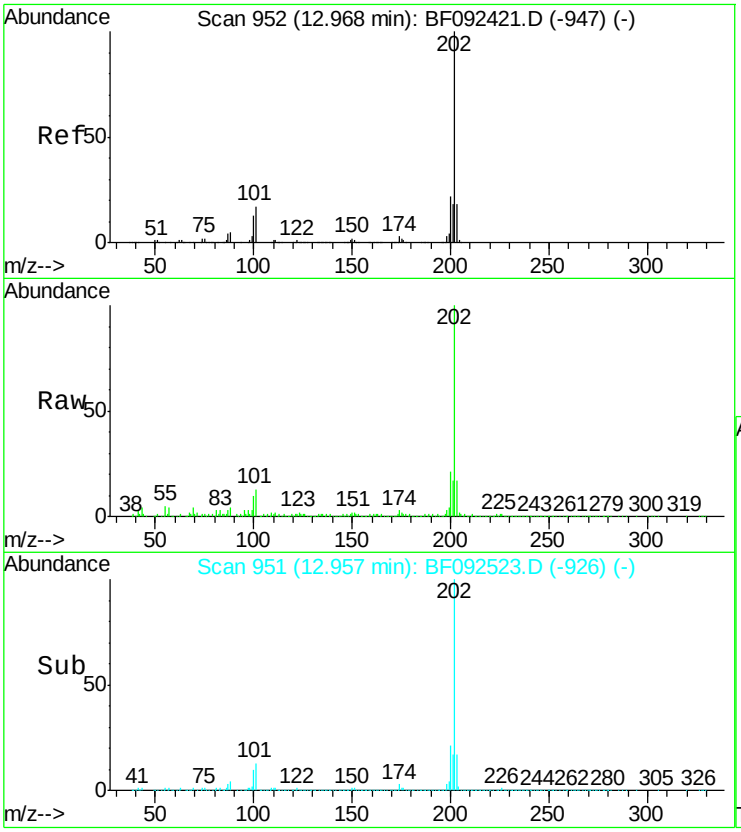


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:240 Resp: 294466

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	26.7	20.9	31.3



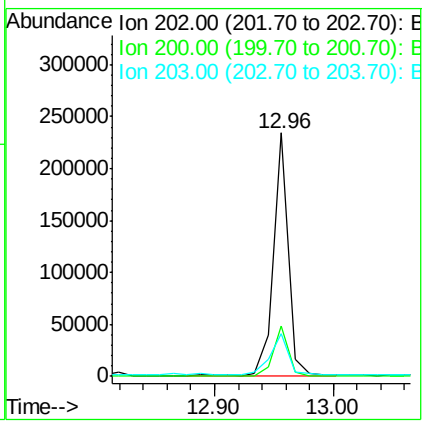


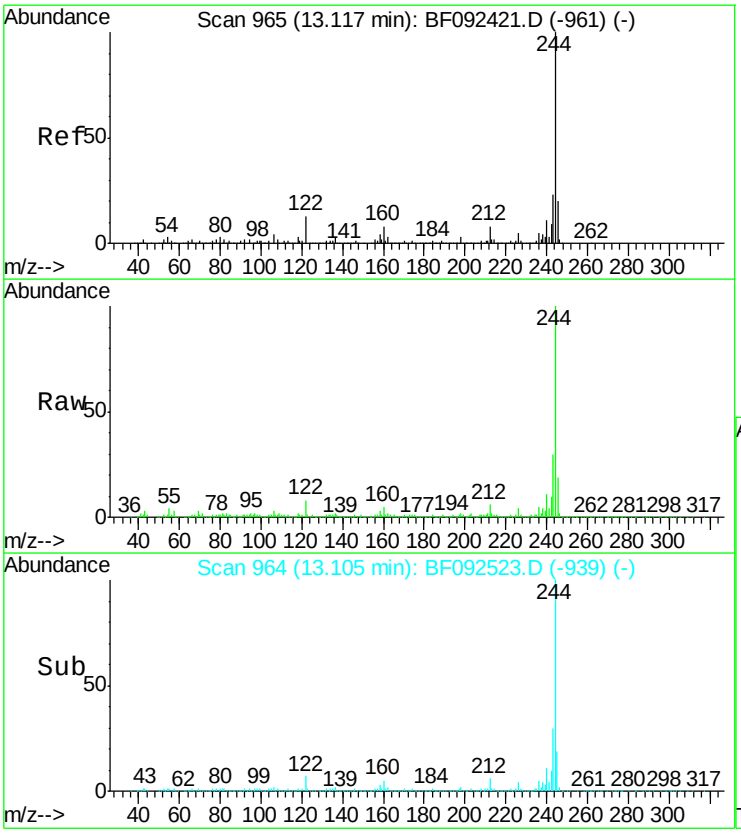
#77
Pyrene
Concen: 9.52 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:202 Resp: 203047

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	17.4	14.7	22.1

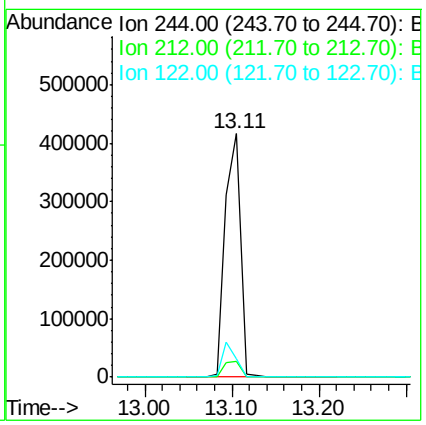


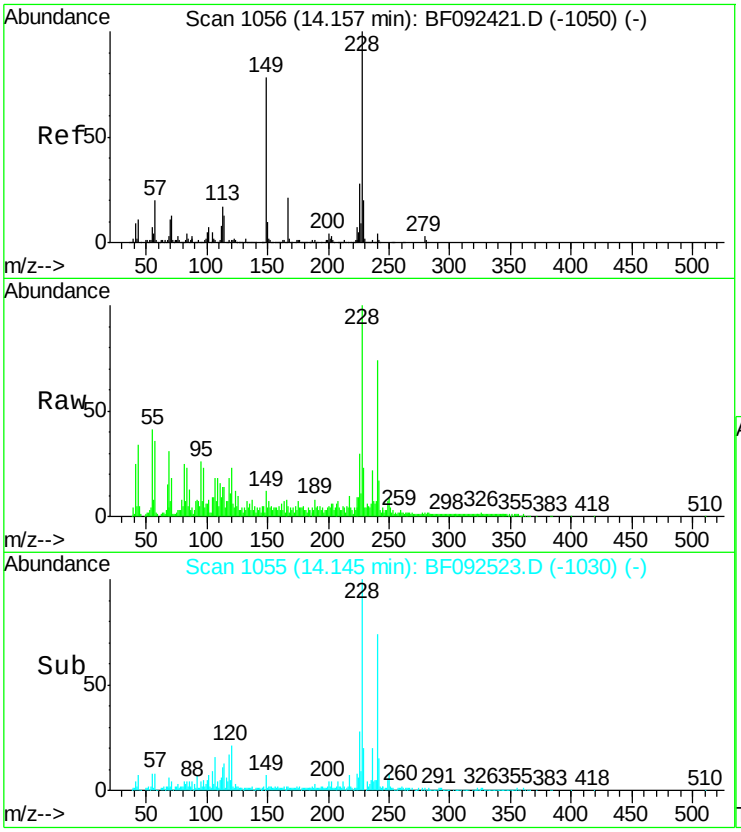


#78
Terphenyl-d14
Concen: 46.06 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:244 Resp: 509303

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.2	9.2
122	7.6	11.4	17.2#



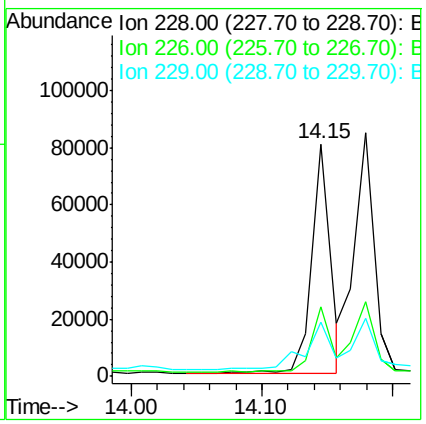


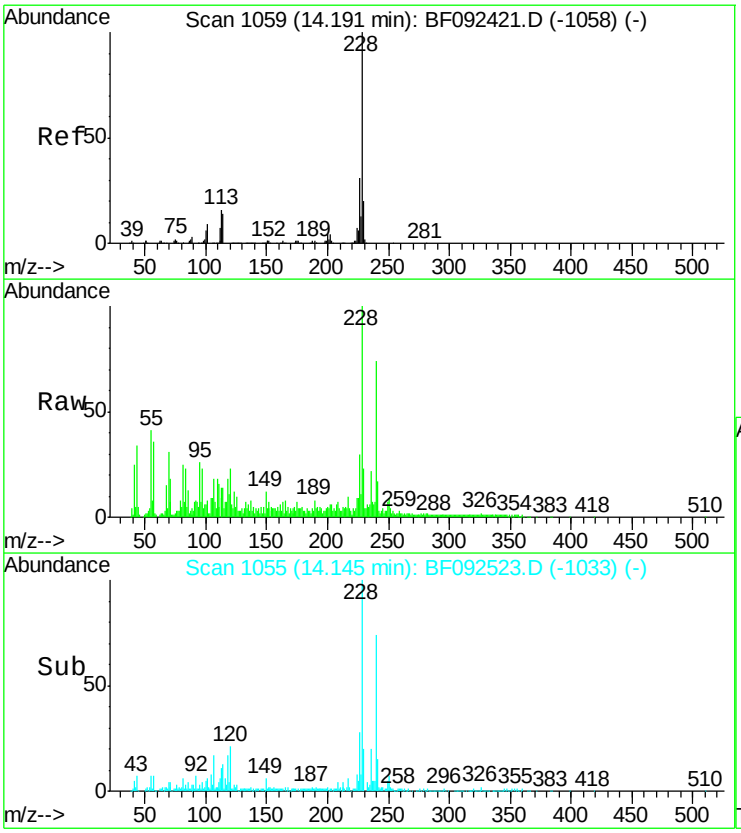
#80
Benzo(a)anthracene
Concen: 4.98 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:228 Resp: 78778

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.4	33.6
229	23.1	16.2	24.4

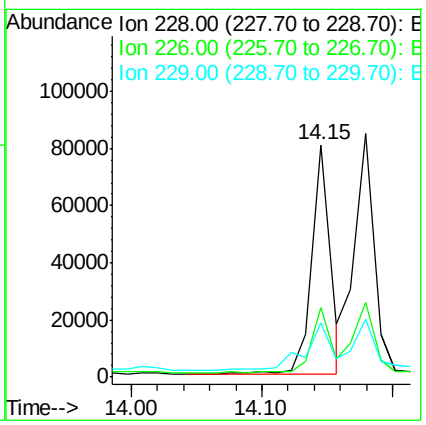


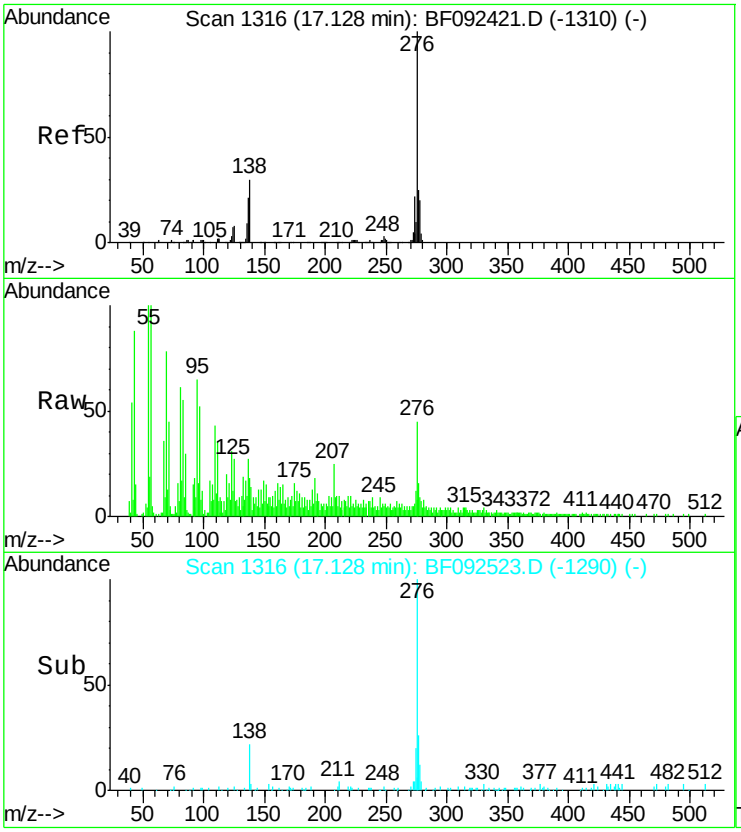


#82
Chrysene
Concen: 4.66 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:228 Resp: 78778

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	23.1	16.2	24.2



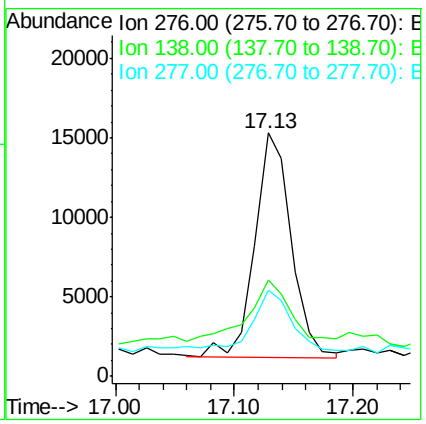


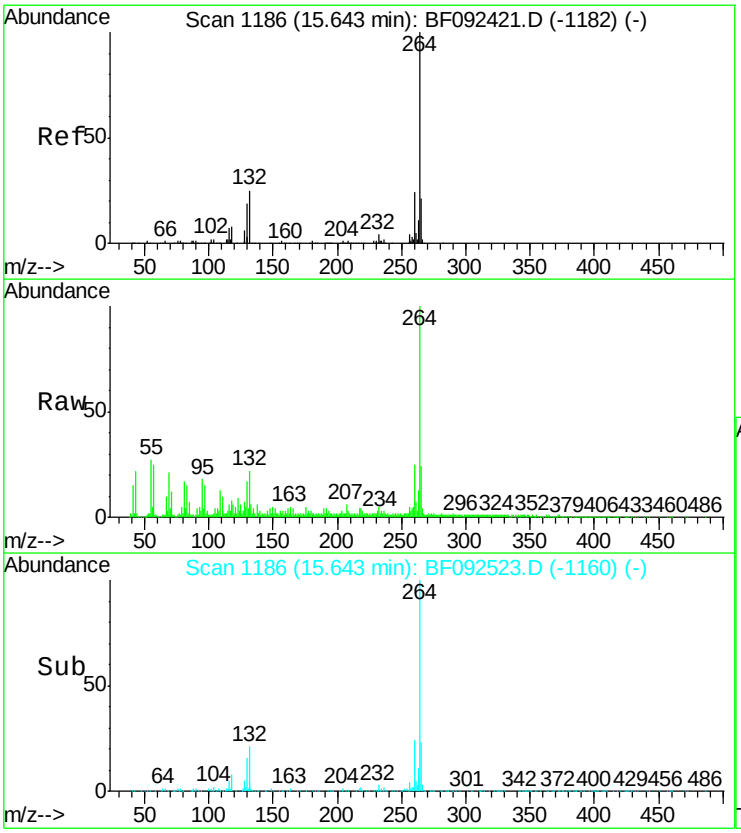
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng
RT: 17.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:276 Resp: 30298

Ion	Ratio	Lower	Upper
276	100		
138	39.5	21.8	32.6#
277	31.0	20.2	30.4#

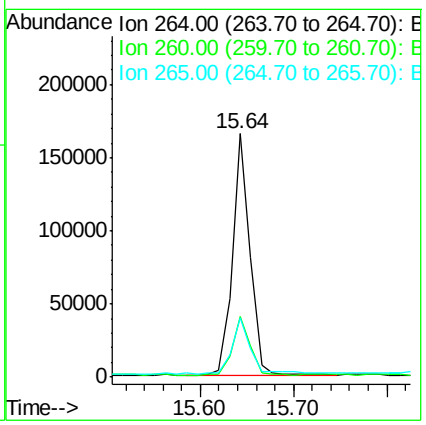


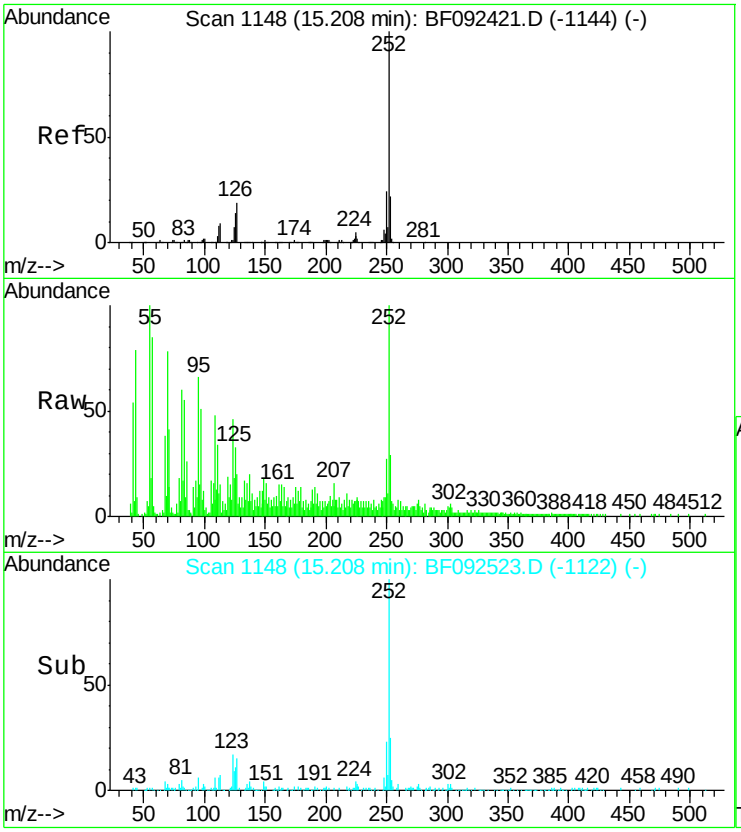


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:264 Resp: 214465

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	24.1	17.4	26.0



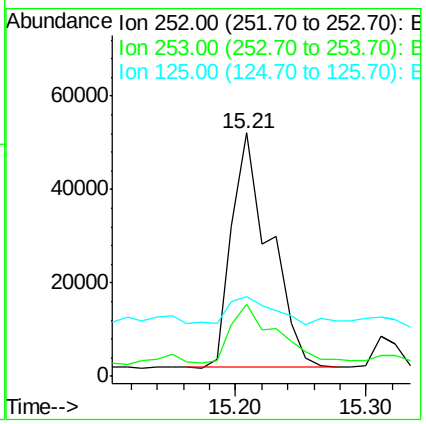


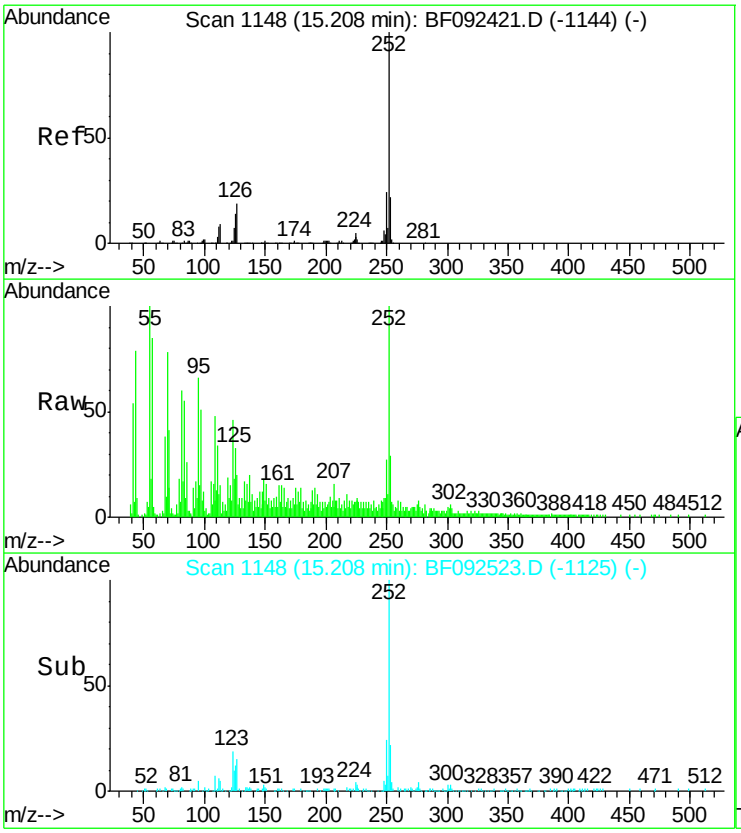
#87
Benzo(b)fluoranthene
Concen: 7.40 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:252 Resp: 101930

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.2	27.4#
125	32.9	9.8	14.6#

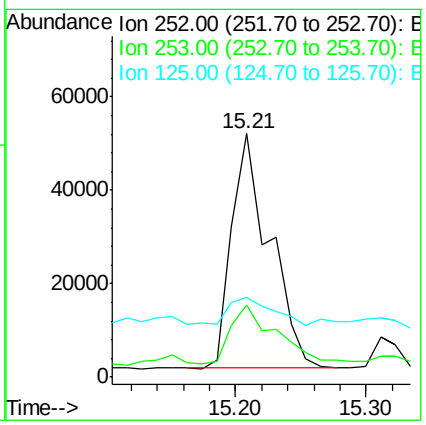


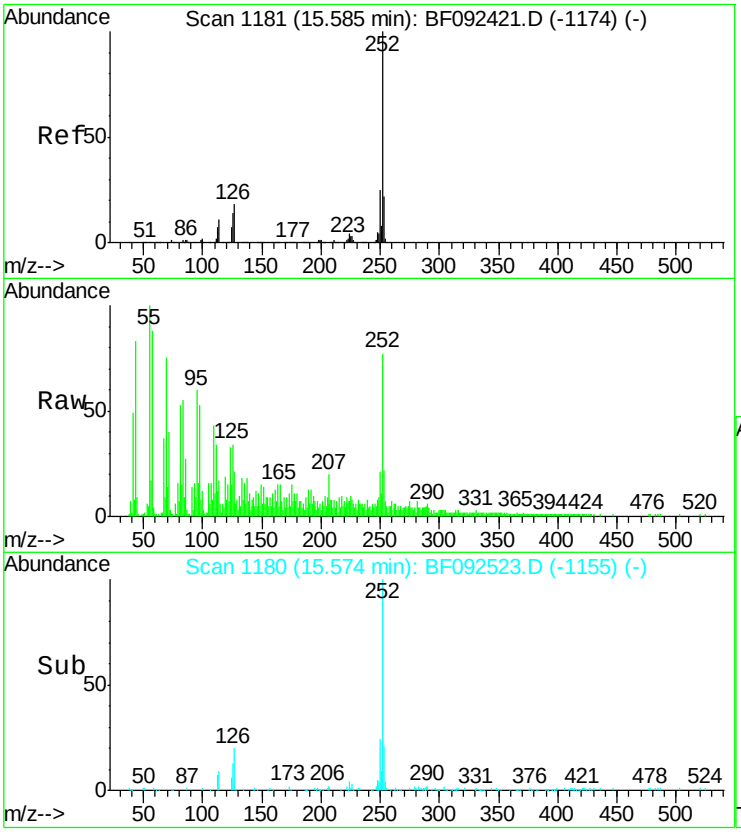


#88
Benzo(k)fluoranthene
Concen: 8.90 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:252 Resp: 101930

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.5	27.7#
125	32.9	8.9	13.3#



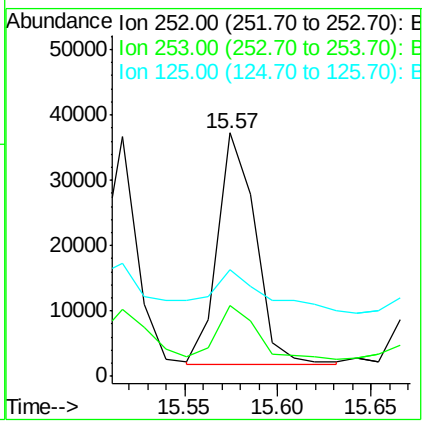


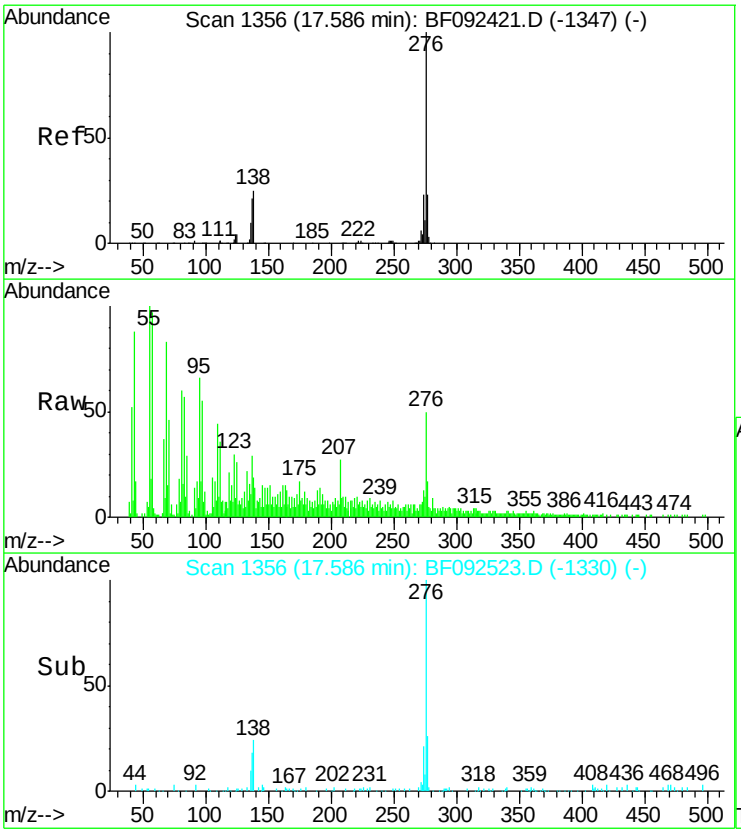
#89
Benzo(a)pyrene
Concen: 4.35 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

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

Tgt Ion:252 Resp: 50702

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.2	27.2#
125	43.7	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 3.43 ng
RT: 17.59 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF092523.D
Acq: 26 Jan 2017 14:05

Tgt Ion:276 Resp: 32673

Ion	Ratio	Lower	Upper
276	100		
277	33.5	19.2	28.8#
138	37.6	16.0	24.0#