Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091932.D
Acq On : 23 Dec 2016 19:06
Operator : UM/SJ
Sample : H6238-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-003-COMP

Quant Time: Dec 23 22:07:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	246517	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	882505	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	524585	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	591561	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	397791	20.00	ng		-0.02
86) Perylene-d12	15.29	264	391527	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1809122	122.54	ng		0.05
7) Phenol-d6	6.43	99	2521970	139.91	ng		0.02
23) Nitrobenzene-d5	7.31	82	1316959	82.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	509835	117.44	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	2169235	84.68	ng		-0.01
78) Terphenyl-d14	12.84	244	1306320	79.64	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.44	94	104682	5.10	ng	#	77
19) n-Nitroso-di-n-propylamine	7.31	70	177309	14.79	ng	#	78
37) 2-Methylnaphthalene	8.74	142	2859	Below Cal		#	75
49) Dimethylphthalate	9.50	163	473618	14.12	ng		99
56) 2,4-Dinitrotoluene	9.78	165	68701	7.45	ng	#	19
66) 4-Bromophenyl-phenylether	10.57	248	30315	4.93	ng	#	1
70) Phenanthrene	11.28	178	123311	3.84	ng		98
73) Di-n-butylphthalate	11.82	149	14190	Below Cal		#	97
77) Pyrene	12.69	202	106516	3.65	ng		96
80) Benzo(a)anthracene	13.87	228	58551	2.61	ng		98
82) Chrysene	13.87	228	58551	2.60	ng		97
87) Benzo(b)fluoranthene	14.89	252	78525	3.22	ng	#	95
88) Benzo(k)fluoranthene	14.89	252	78525	3.78	ng	#	95

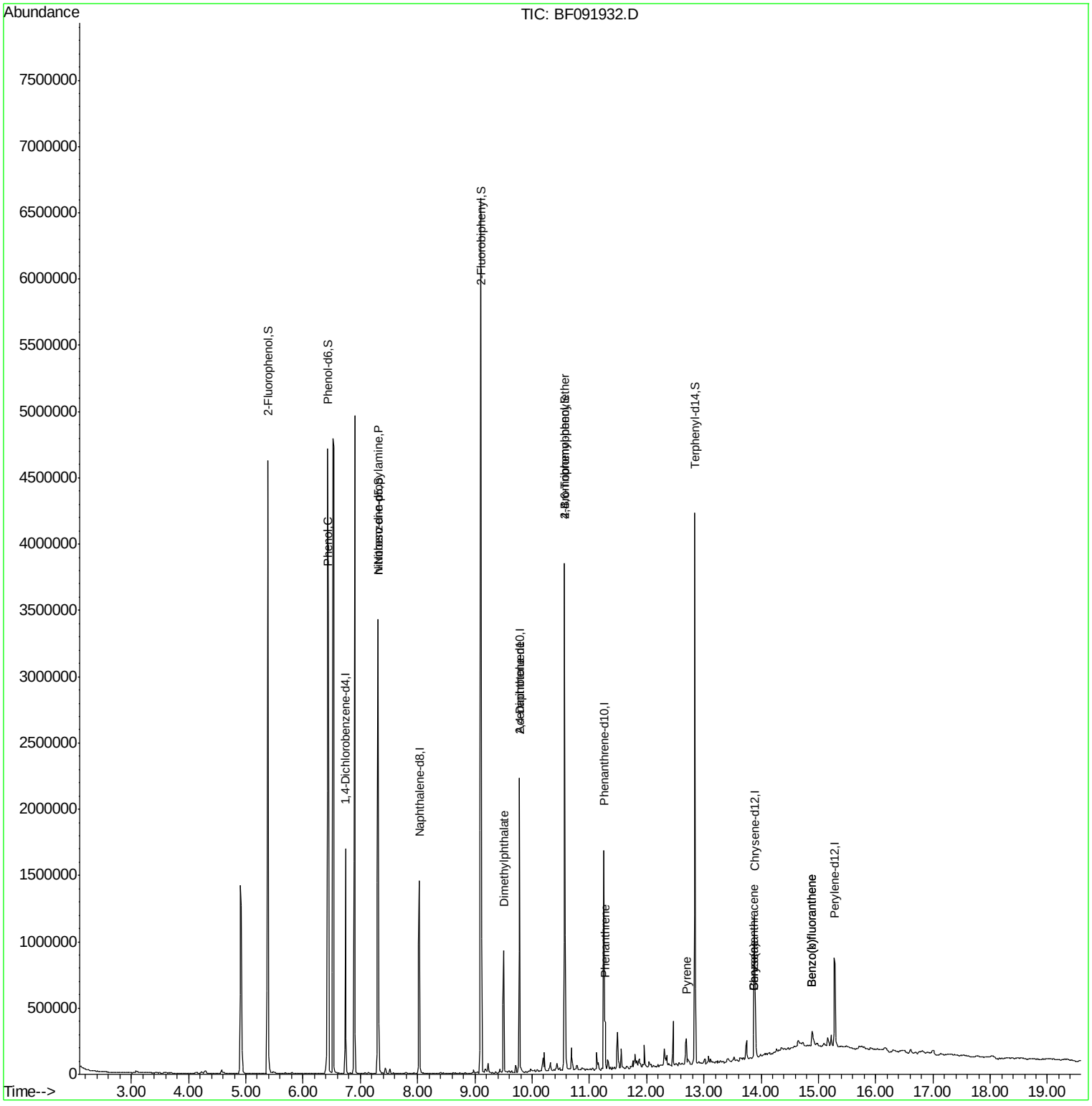
(#) = qualifier out of range (m) = manual integration (+) = signals summed

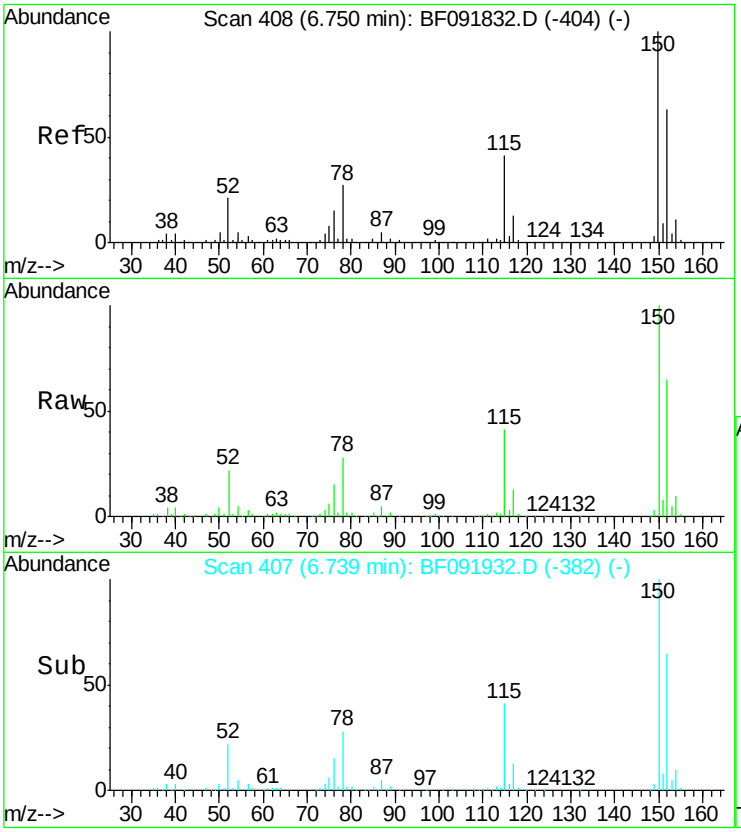
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091932.D
Acq On : 23 Dec 2016 19:06
Operator : UM/SJ
Sample : H6238-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Quant Time: Dec 23 22:07:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration



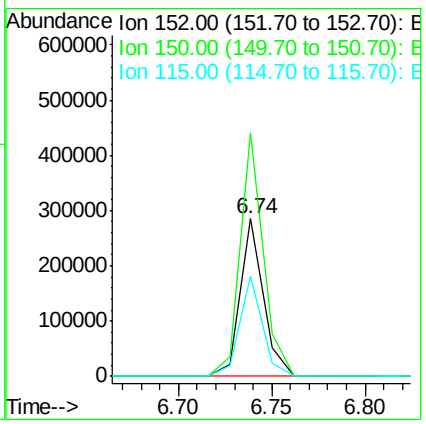


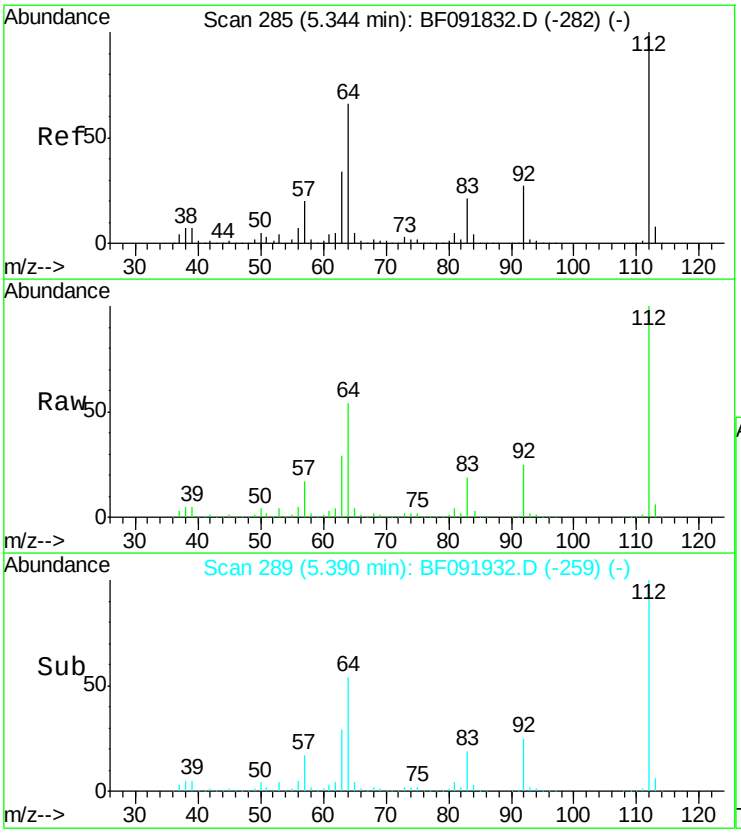
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:152 Resp: 246517

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	63.3	46.0	69.0

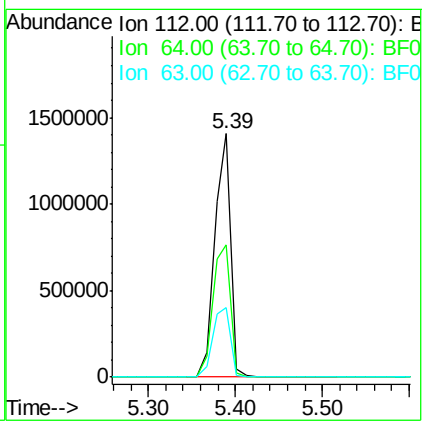


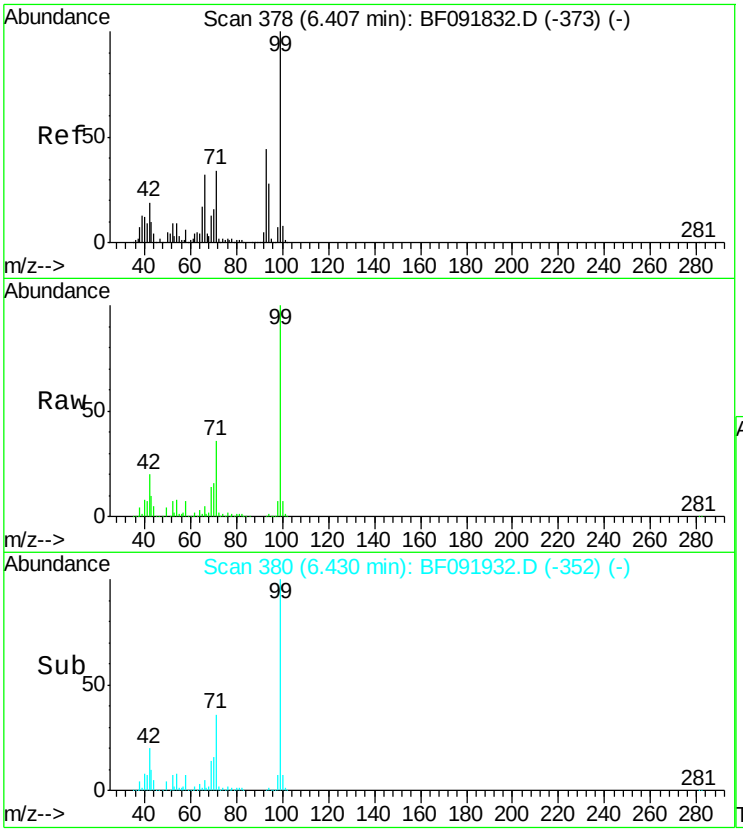


#5
2-Fluorophenol
Concen: 122.54 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.05 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:112 Resp: 1809122

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.1	69.1
63	28.8	23.8	35.6



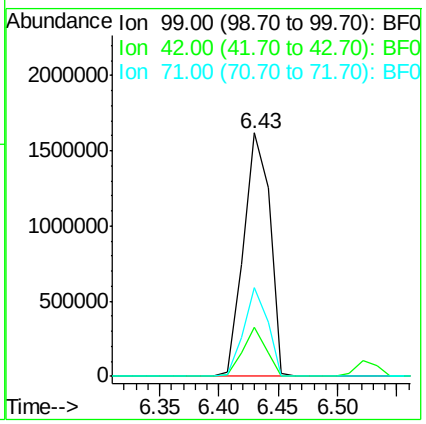


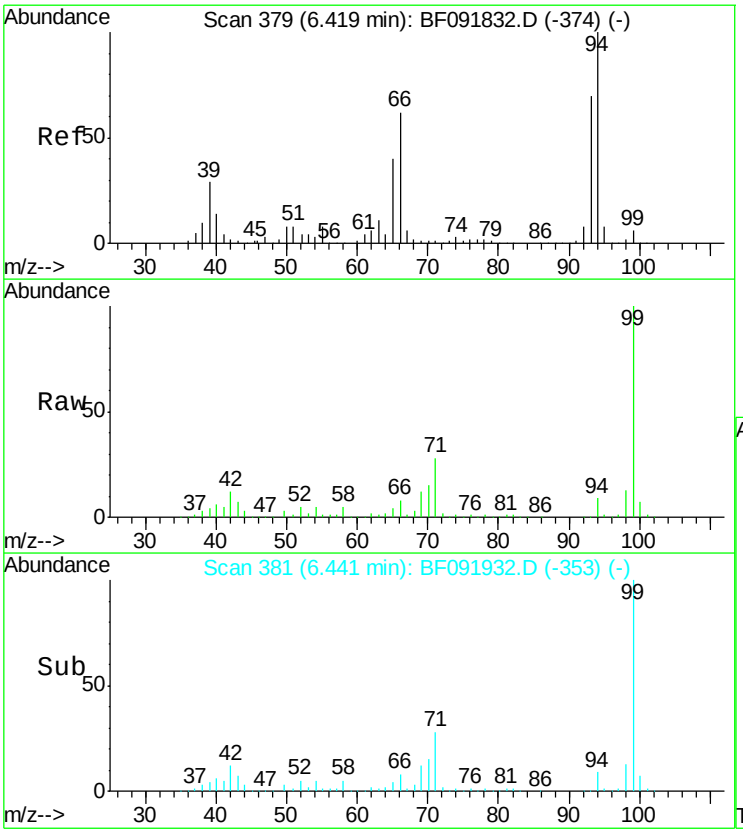
#7
Phenol-d6
Concen: 139.91 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.02 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion: 99 Resp: 2521970

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	36.2	27.5	41.3

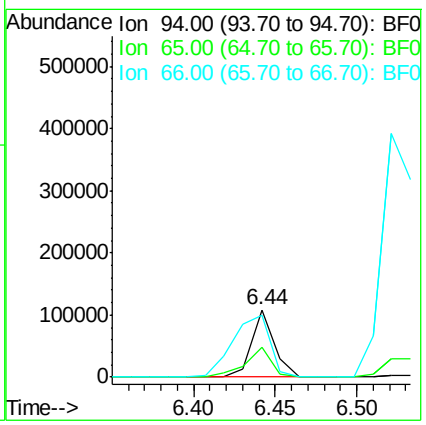


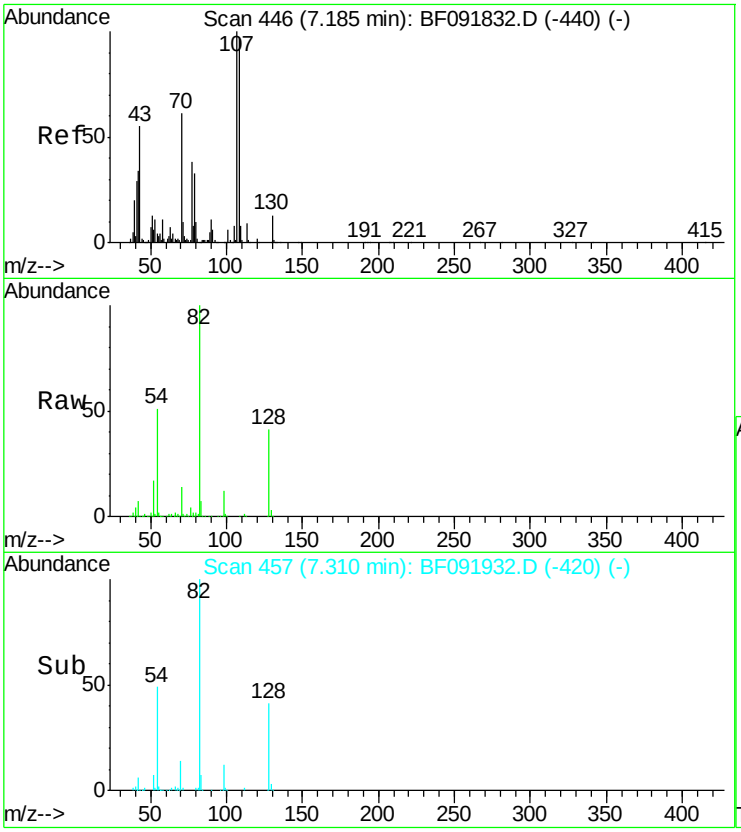


#10
Phenol
Concen: 5.10 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.02 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion: 94 Resp: 104682

Ion	Ratio	Lower	Upper
94	100		
65	43.9	21.4	61.4
66	91.4	44.0	84.0#



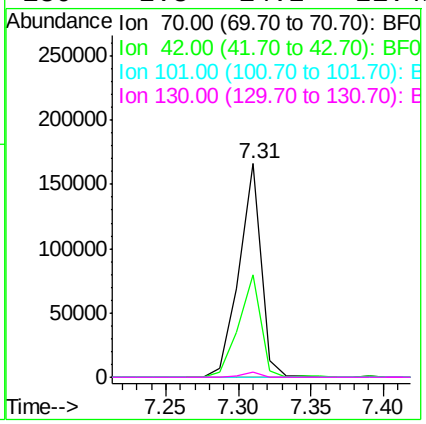


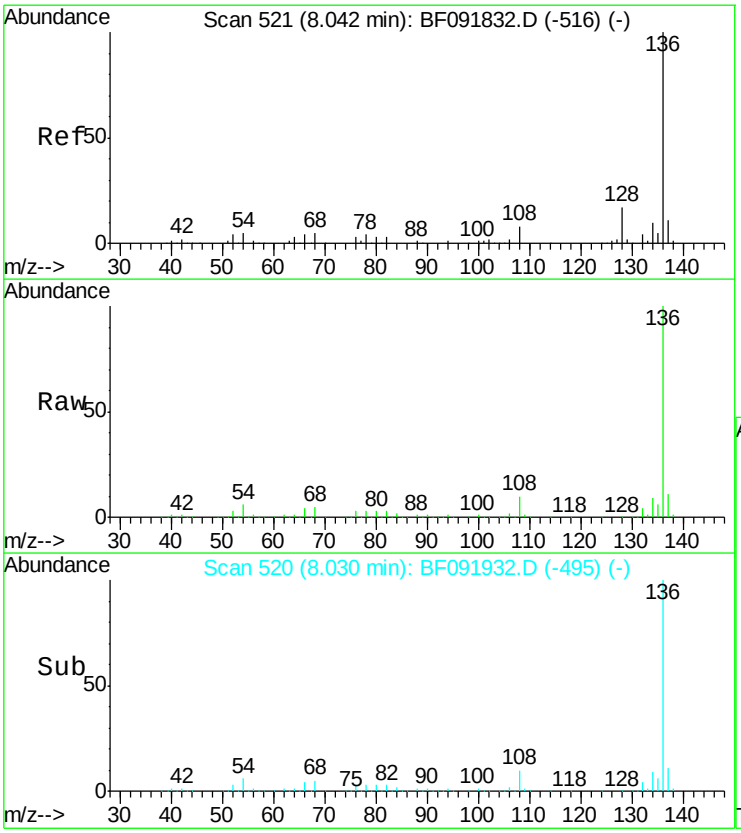
#19
n-Nitroso-di-n-propylamine
Concen: 14.79 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion: 70 Resp: 177309

Ion	Ratio	Lower	Upper
70	100		
42	47.8	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

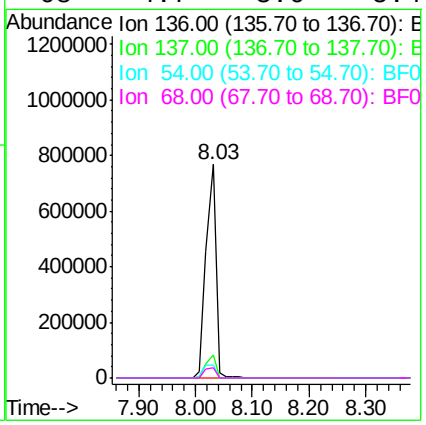


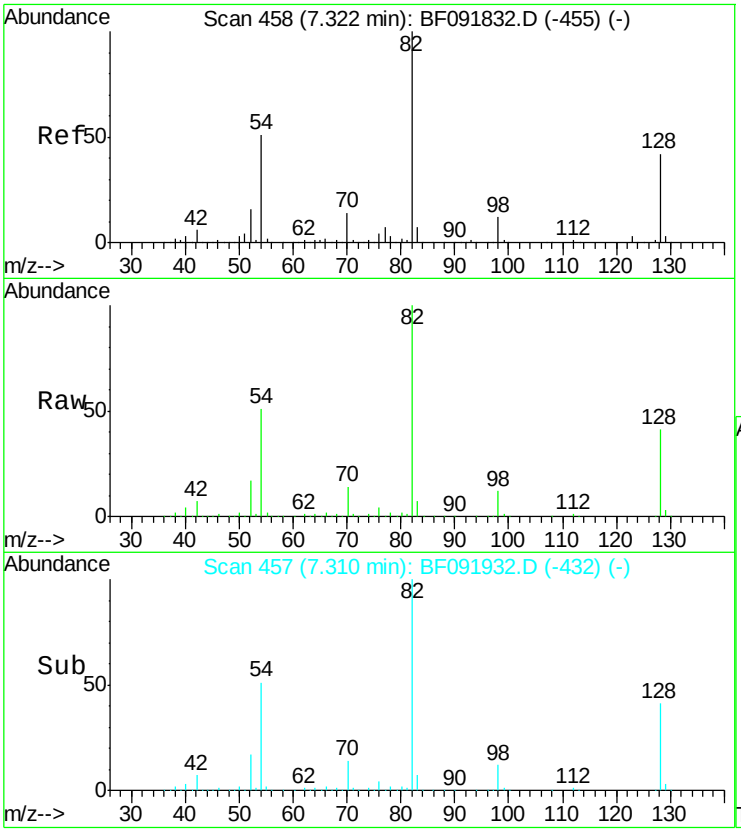


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:136 Resp: 882505

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	5.9	4.5	6.7
68	4.7	3.6	5.4



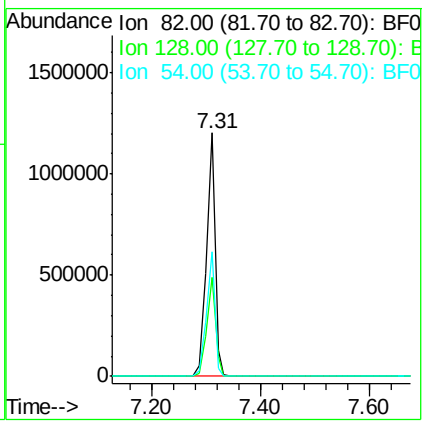


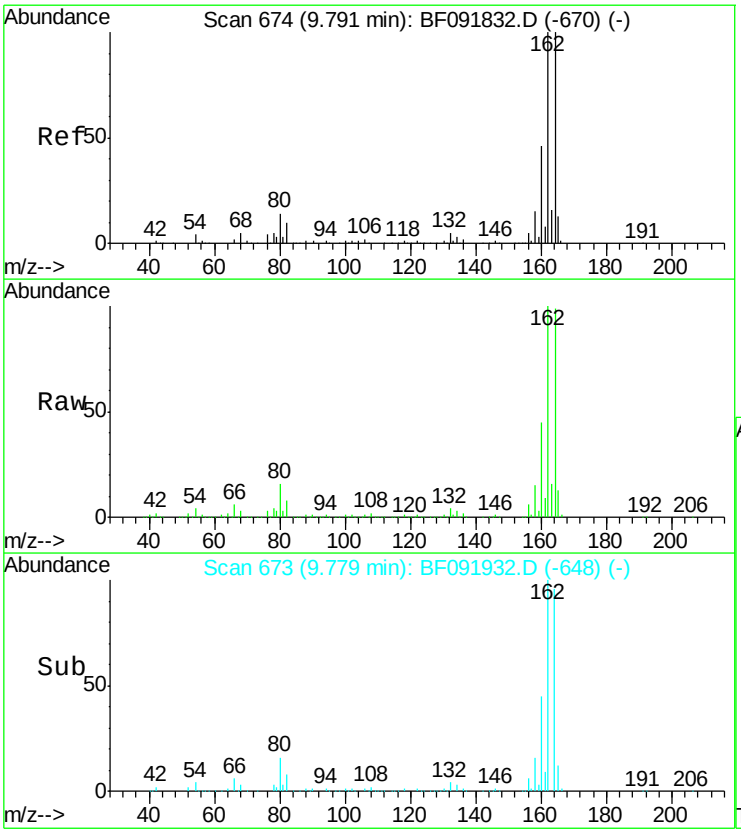
#23
Nitrobenzene-d5
Concen: 82.98 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion: 82 Resp: 1316959

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	51.3	39.5	59.3

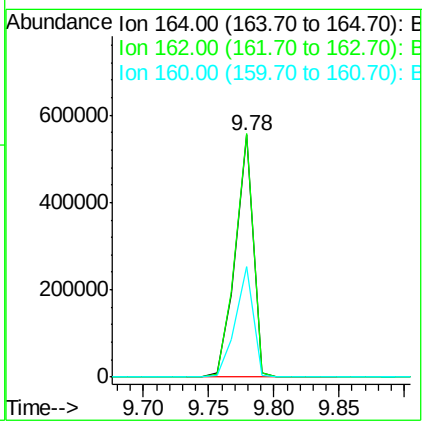


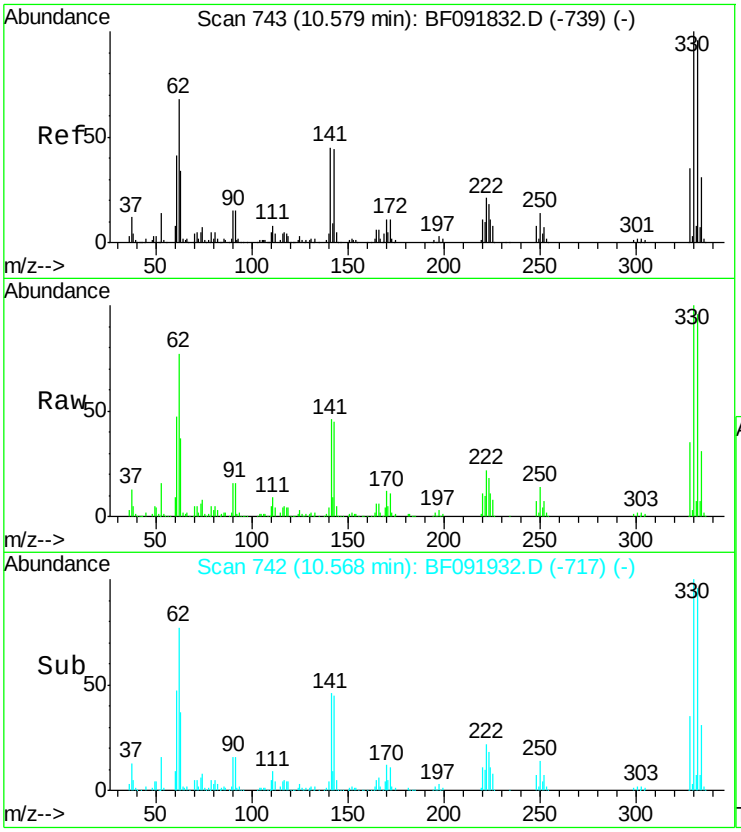


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:164 Resp: 524585

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	45.6	36.9	55.3



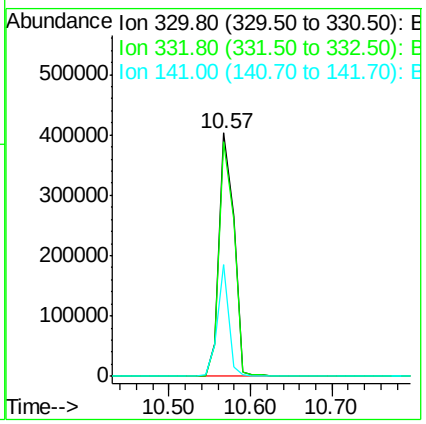


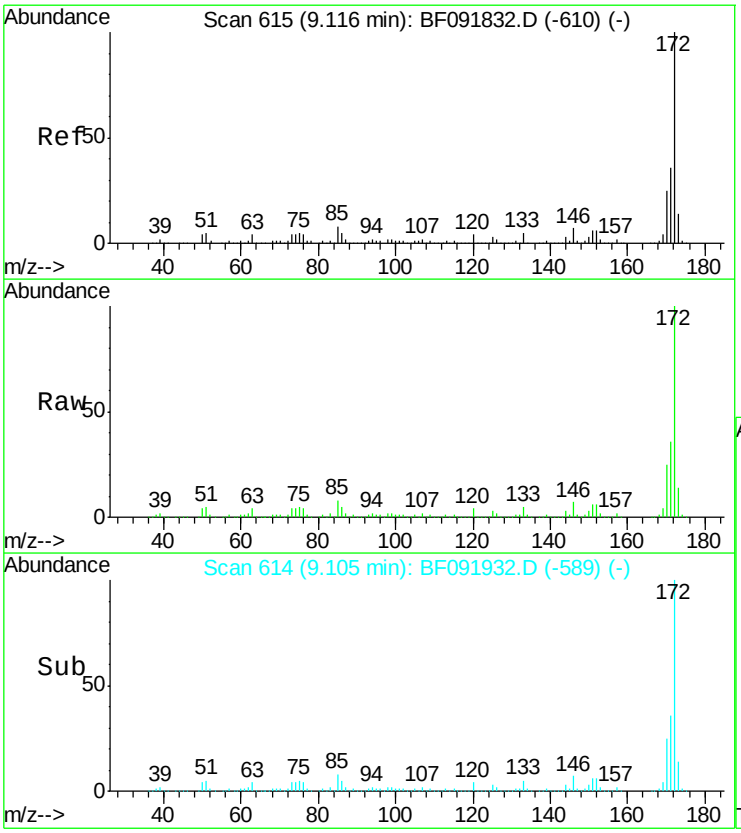
#41
2,4,6-Tribromophenol
Concen: 117.44 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:330 Resp: 509835

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	35.2	34.1	51.1

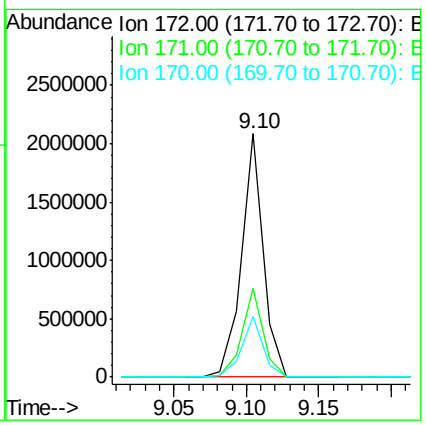


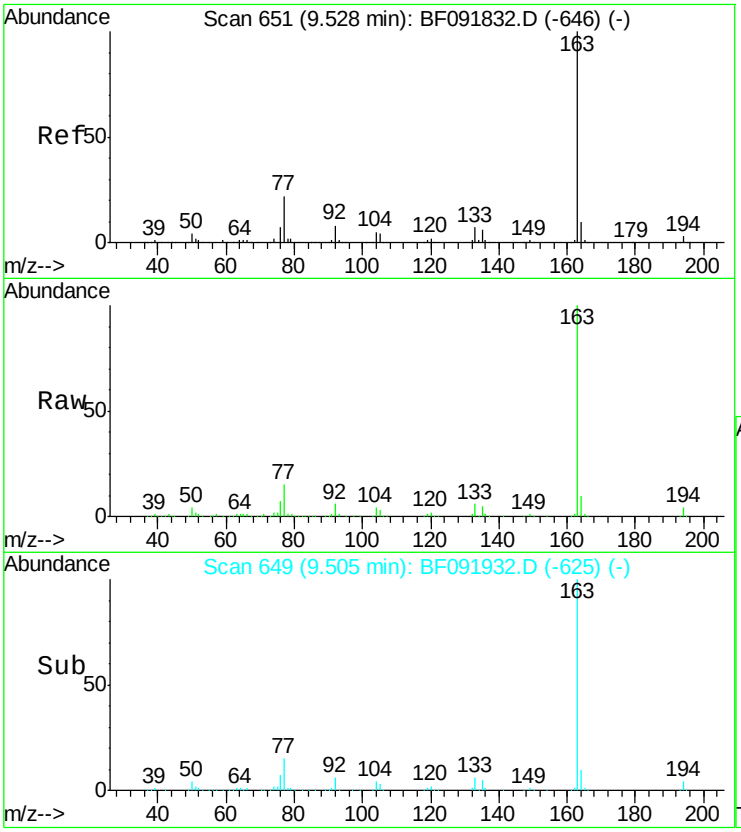


#44
2-Fluorobiphenyl
Concen: 84.68 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:172 Resp: 2169235

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.8	20.2	30.4



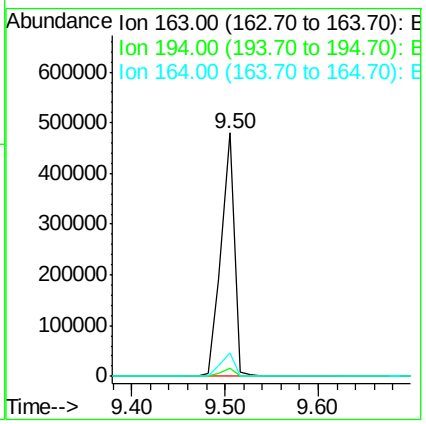


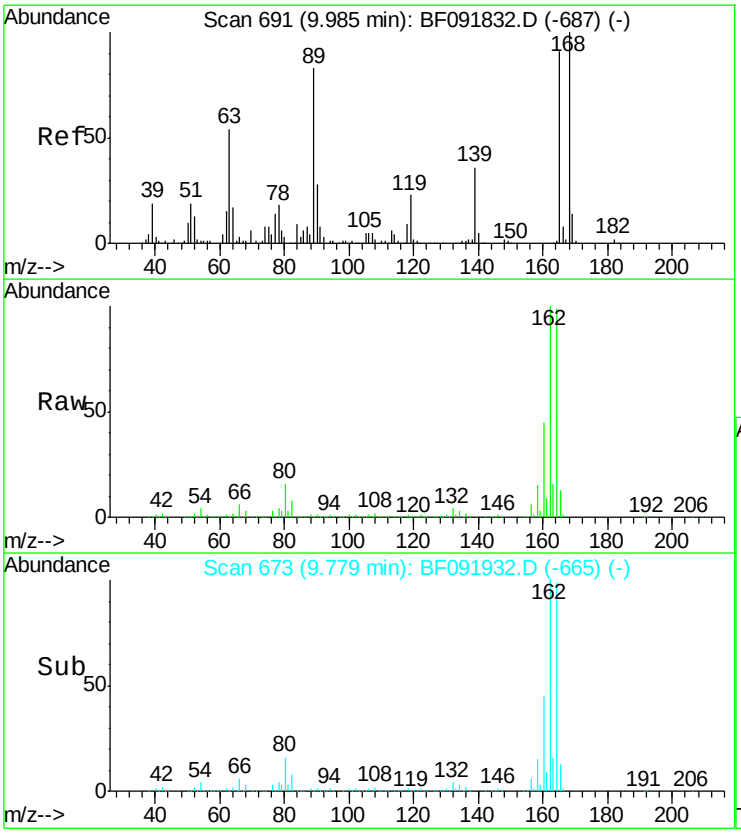
#49
Dimethylphthalate
Concen: 14.12 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:163 Resp: 473618

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.8	8.0	12.0

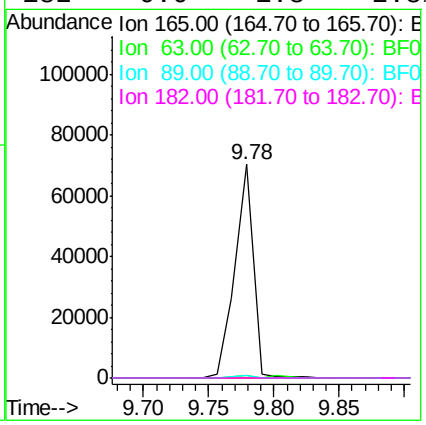


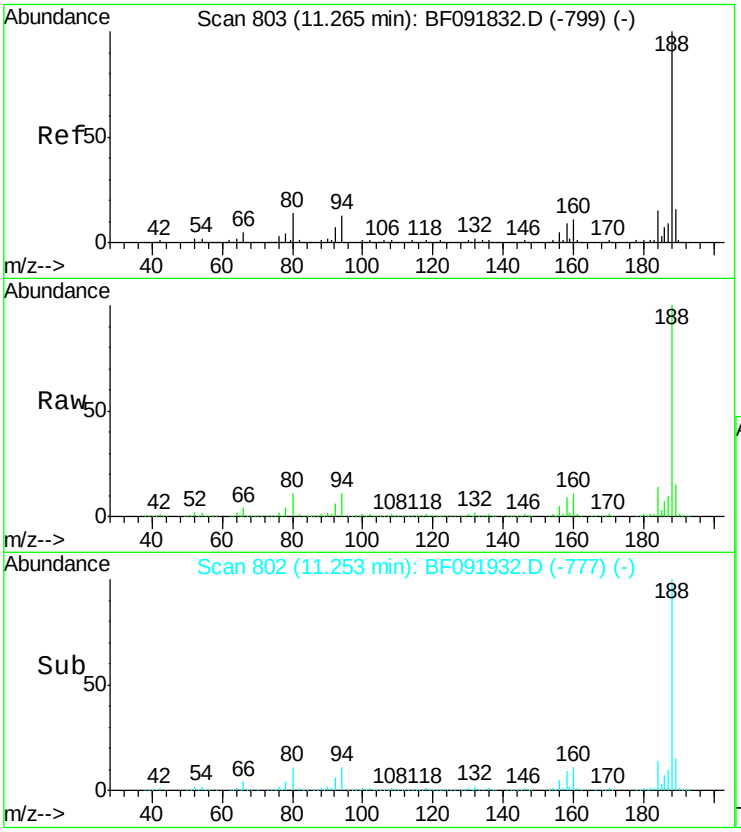


#56
2,4-Dinitrotoluene
Concen: 7.45 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:165 Resp: 68701

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



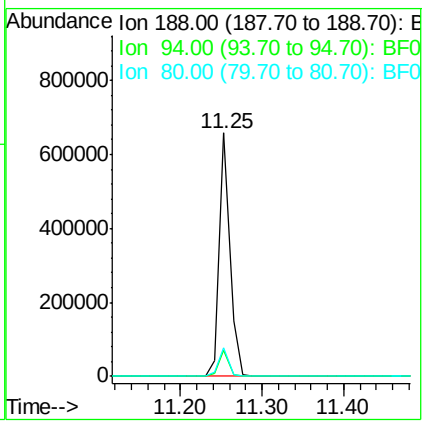


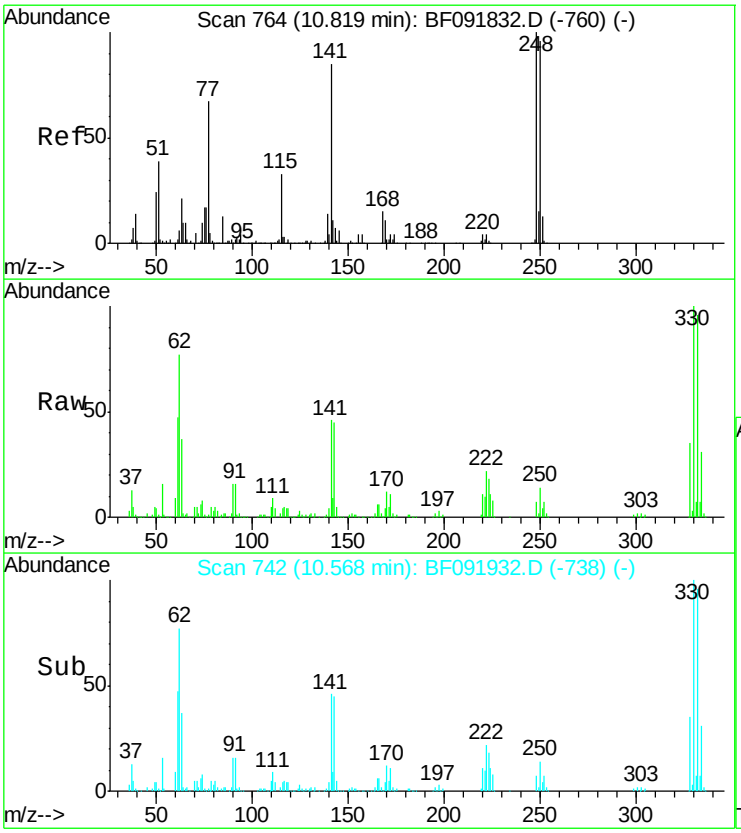
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:188 Resp: 591561

Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.5	11.2	16.8

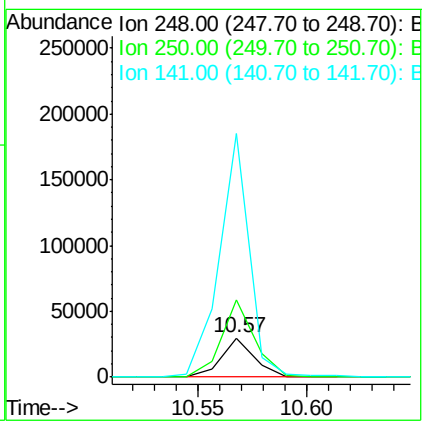


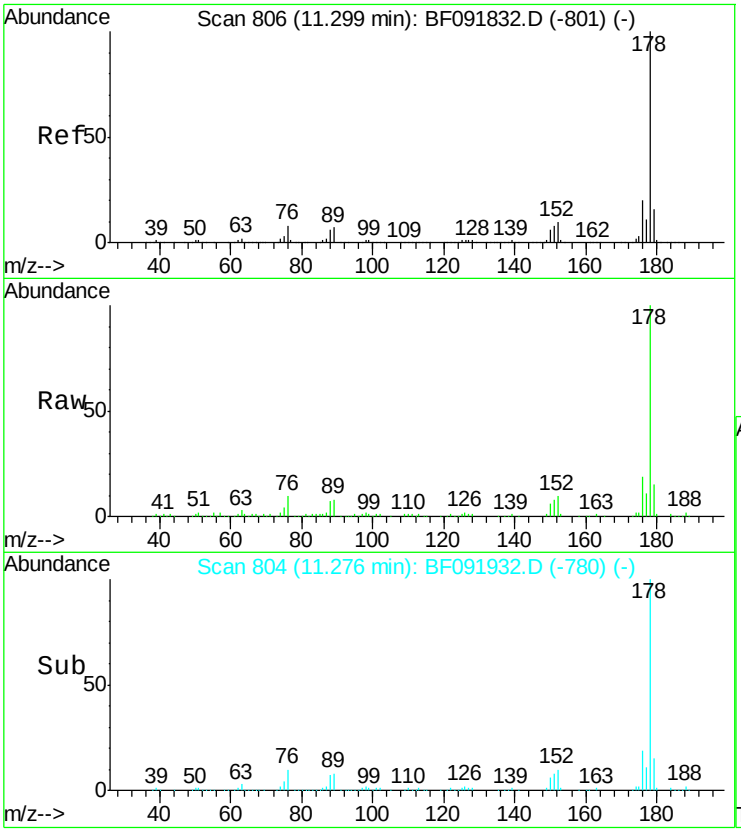


#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:248 Resp: 30315

Ion	Ratio	Lower	Upper
248	100		
250	198.3	76.9	115.3#
141	627.7	68.2	102.4#



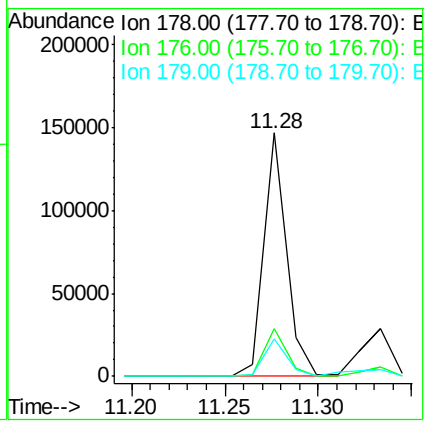


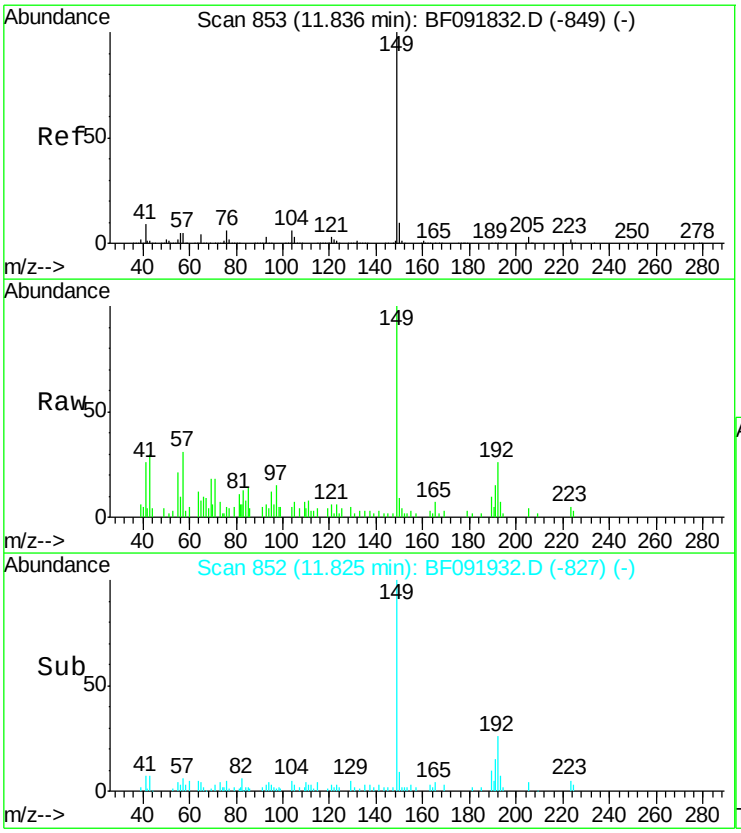
#70
Phenanthrene
Concen: 3.84 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:178 Resp: 123311

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.4	12.8	19.2

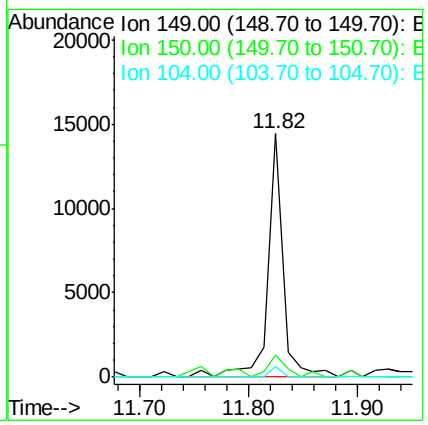


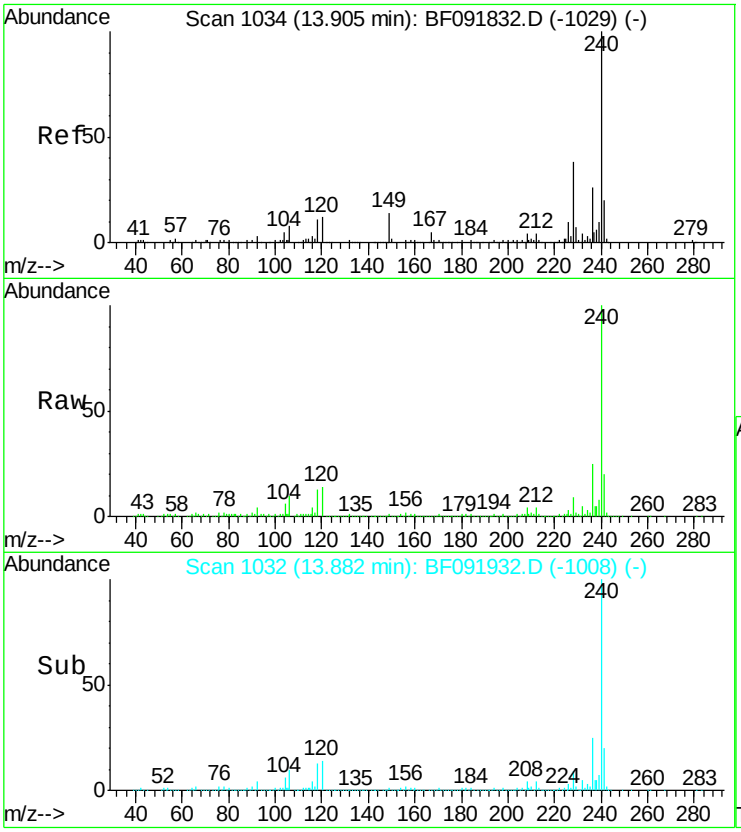


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.82 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:149 Resp: 14190

Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	4.5	4.6	7.0#



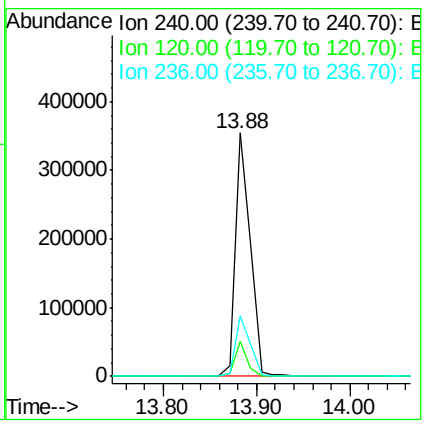


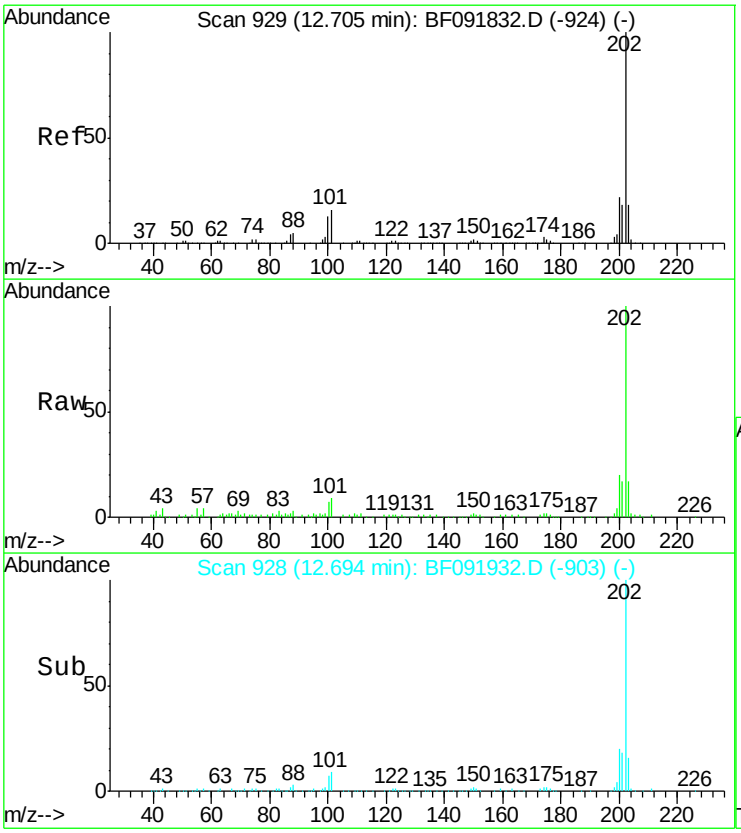
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:240 Resp: 397791

Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.9	19.3
236	25.0	20.9	31.3

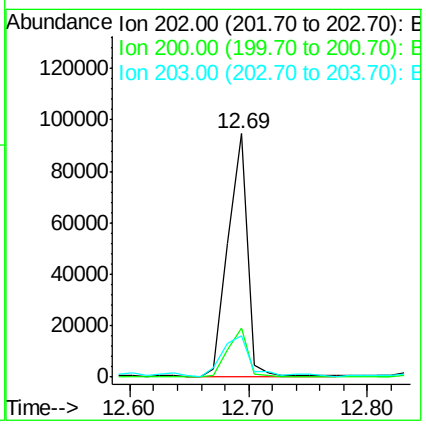


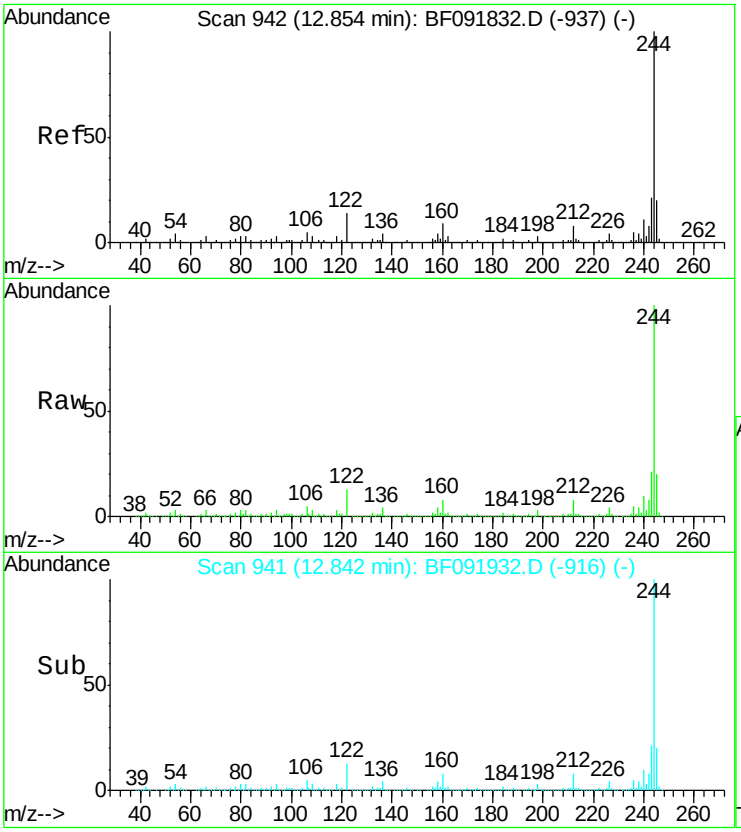


#77
Pyrene
Concen: 3.65 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:202 Resp: 106516

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.7	26.5
203	17.0	14.7	22.1



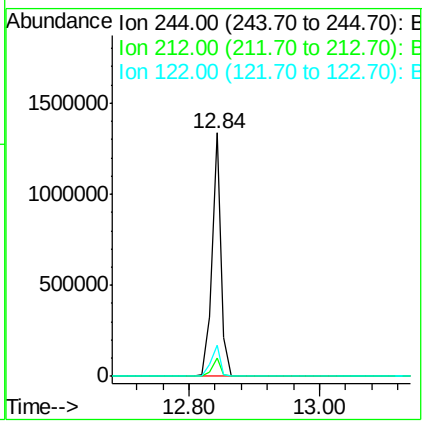


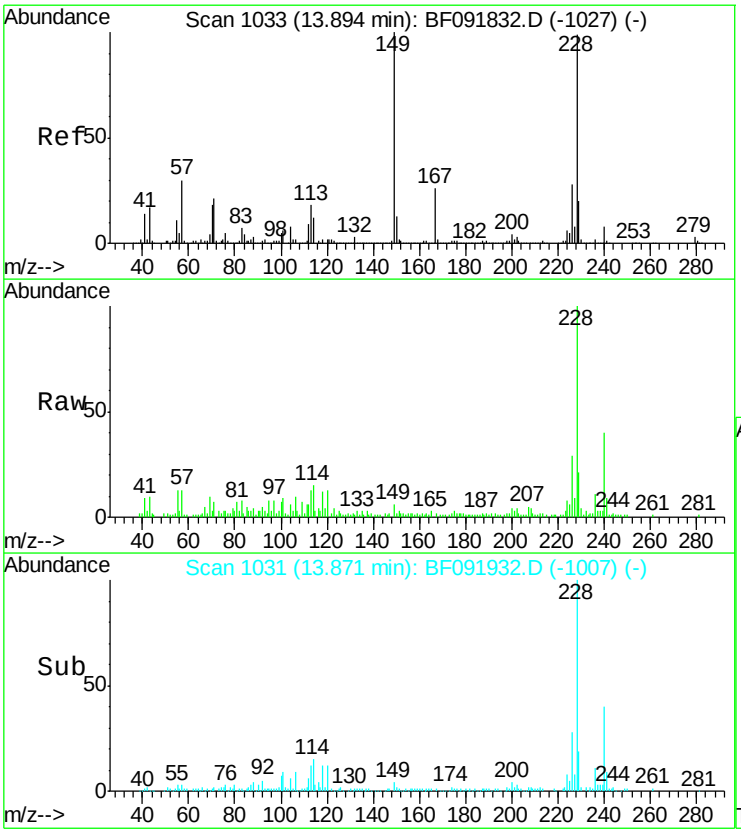
#78
Terphenyl-d14
Concen: 79.64 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:244 Resp: 1306320

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.0	11.4	17.2

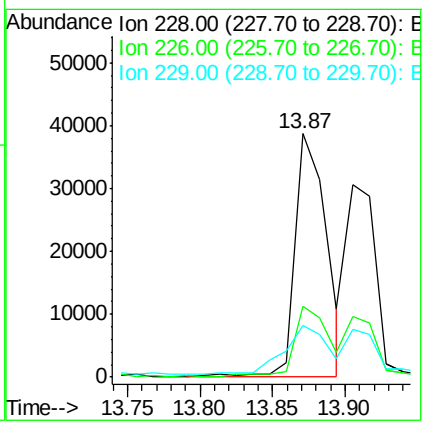


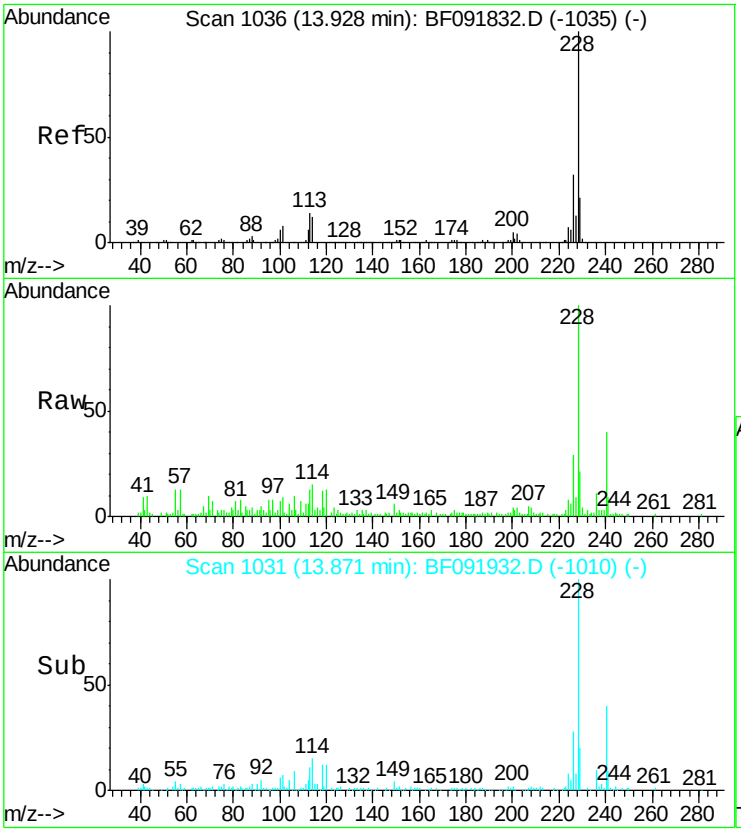


#80
Benzo(a)anthracene
Concen: 2.61 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:228 Resp: 58551

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.4	33.6
229	21.0	16.2	24.4



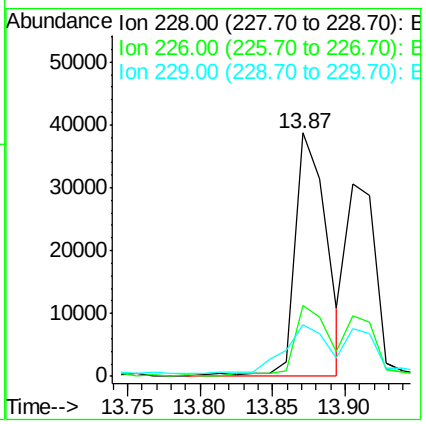


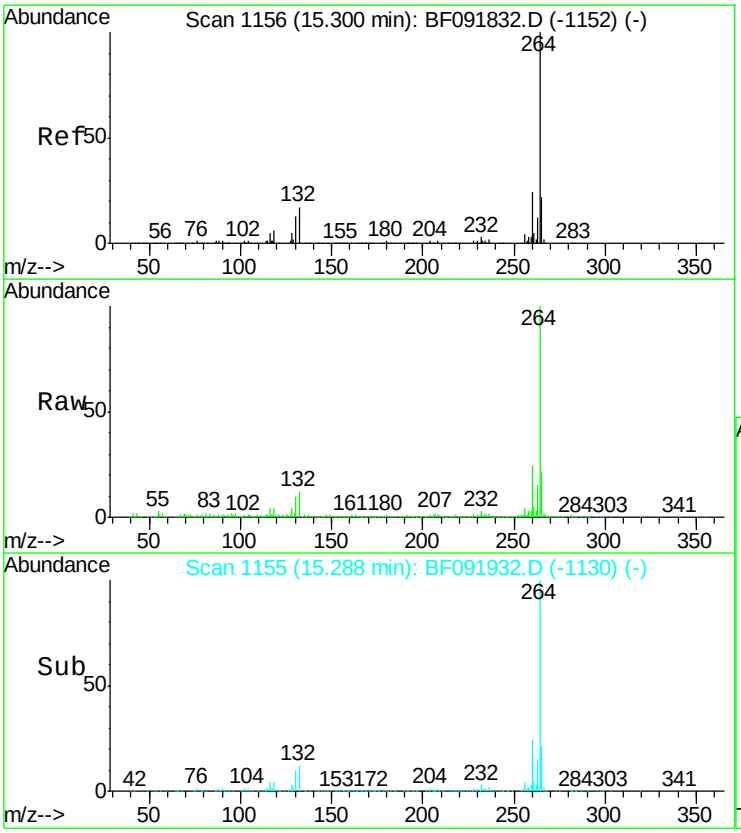
#82
Chrysene
Concen: 2.60 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.06 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:228 Resp: 58551

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.4	38.0
229	21.0	16.2	24.2

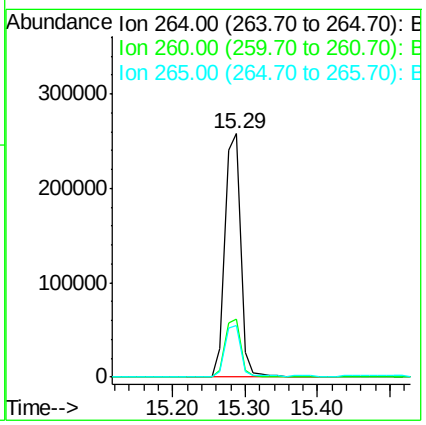


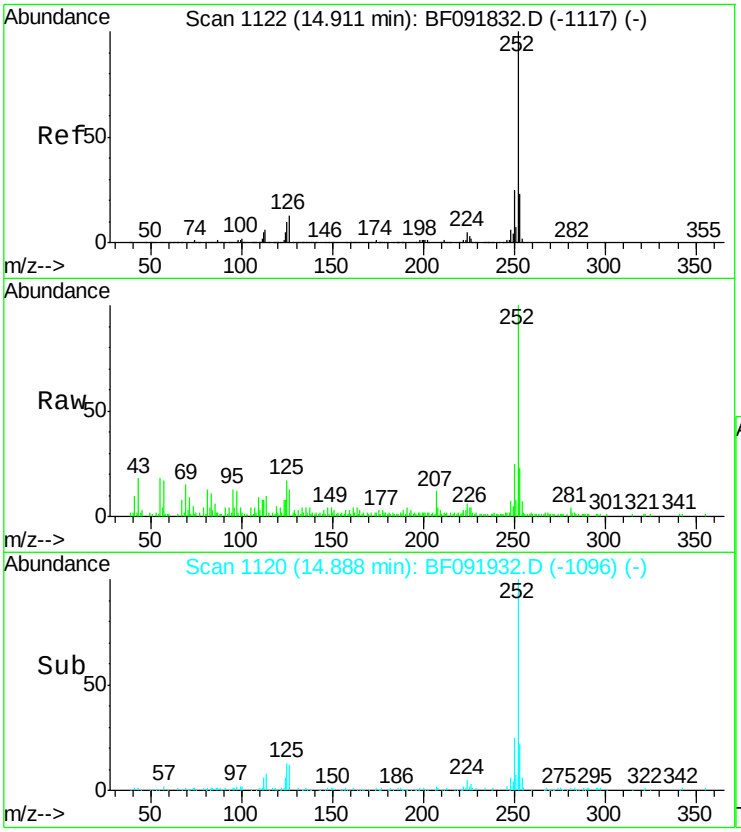


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:264 Resp: 391527

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0



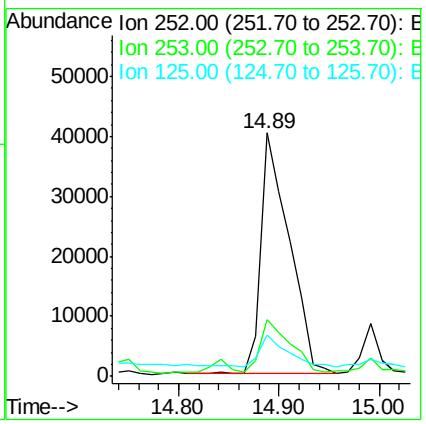


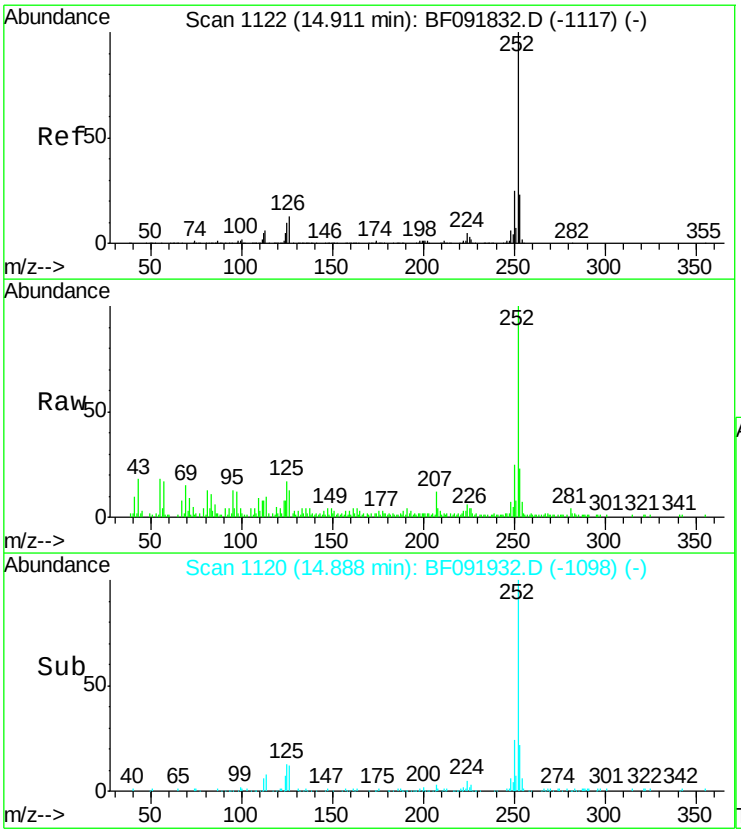
#87
Benzo(b)fluoranthene
Concen: 3.22 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tgt Ion:252 Resp: 78525

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	17.1	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 3.78 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.05 min
Lab File: BF091932.D
Acq: 23 Dec 2016 19:06

Tgt Ion:252 Resp: 78525

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	17.1	8.9	13.3#