Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091931.D
Acq On : 23 Dec 2016 18:38
Operator : UM/SJ
Sample : H6238-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-001-COMP

Quant Time: Dec 23 22:55:13 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	6.75	152	185159	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	567228	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	225003	20.00	ng		0.02
63) Phenanthrene-d10	11.29	188	386199	20.00	ng		0.02
75) Chrysene-d12	13.89	240	459298	20.00	ng		-0.01
86) Perylene-d12	15.29	264	495948	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1385769	124.97	ng		0.03
7) Phenol-d6	6.43	99	1374917	101.55	ng		0.02
23) Nitrobenzene-d5	7.31	82	990437	97.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	219612	117.94	ng		0.03
44) 2-Fluorobiphenyl	9.13	172	1085789	101.36	ng		0.01
78) Terphenyl-d14	12.85	244	986030	52.07	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.44	94	75479	4.89	ng		92
49) Dimethylphthalate	9.53	163	200060	13.90	ng	#	73
57) Fluorene	10.36	166	570427	45.64	ng	#	78
70) Phenanthrene	11.32	178	1782402	85.11	ng	#	95
74) Fluoranthene	12.49	202	242642	10.25	ng		91
77) Pyrene	12.72	202	569702	16.91	ng		96
80) Benzo(a)anthracene	13.88	228	96415m	3.72	ng		
82) Chrysene	13.92	228	128995m	4.96	ng		
87) Benzo(b)fluoranthene	14.90	252	81059m	2.63	ng		

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

Quantitation Report (LSC Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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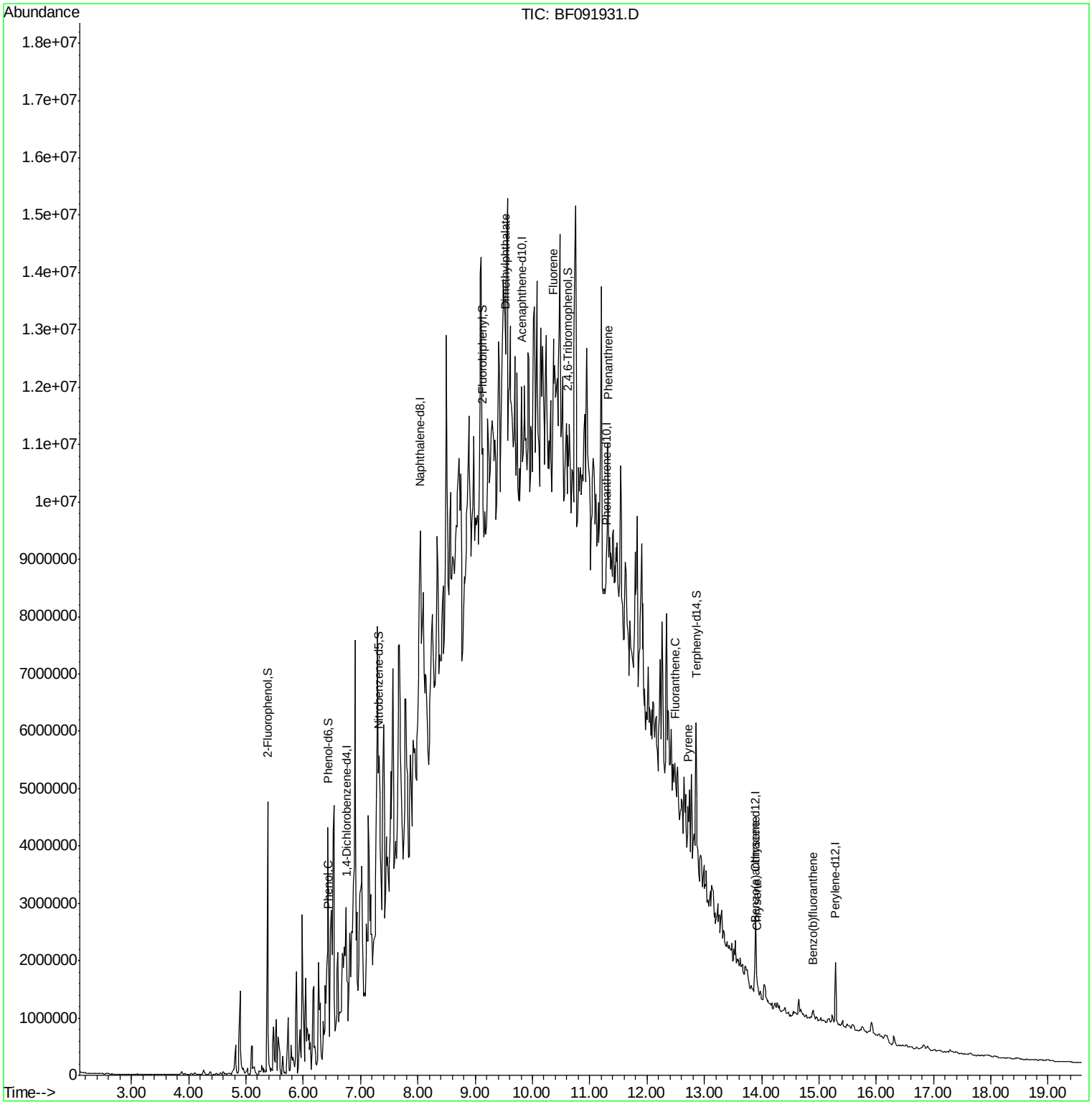
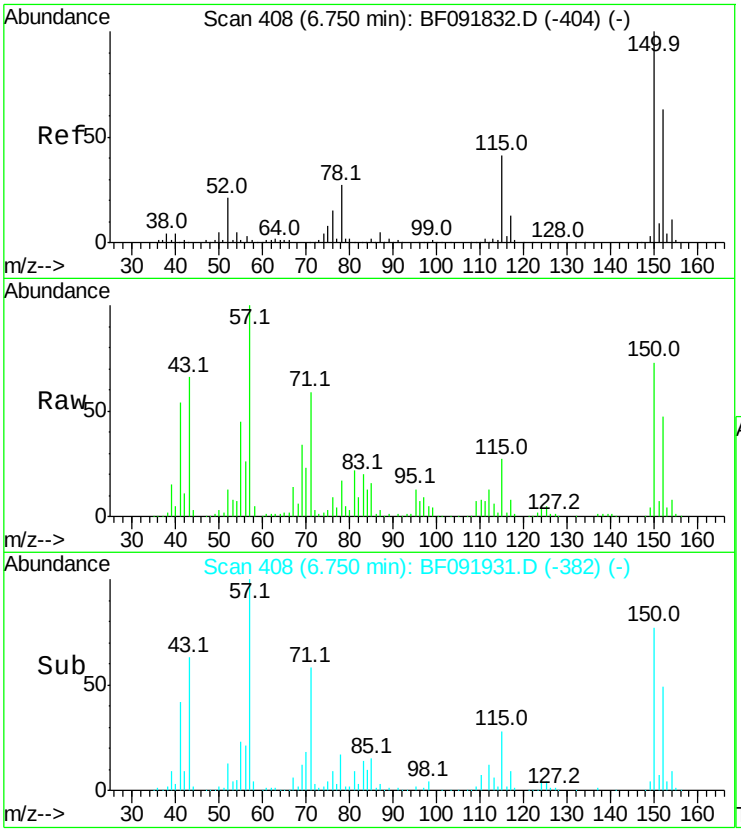


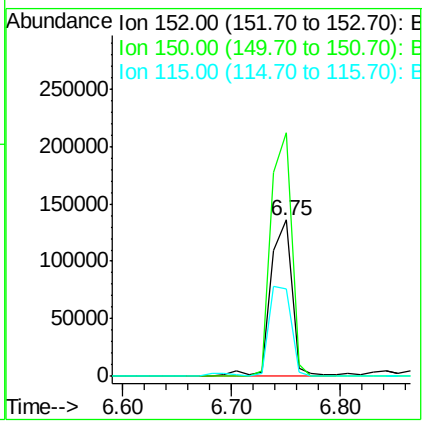


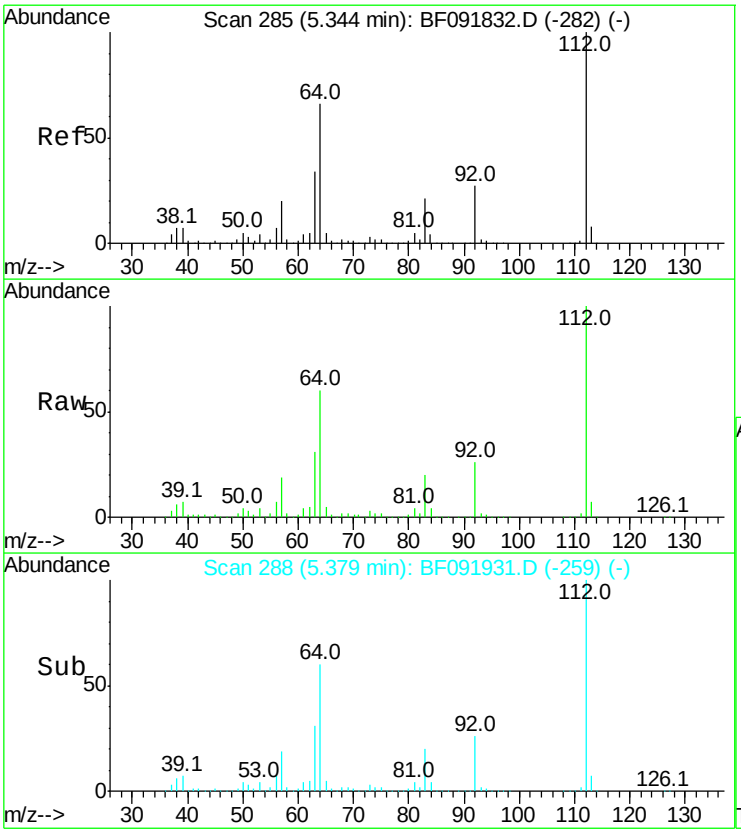
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:152 Resp: 185159

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	56.2	46.0	69.0

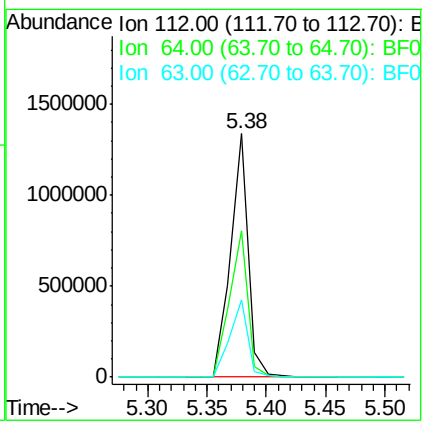


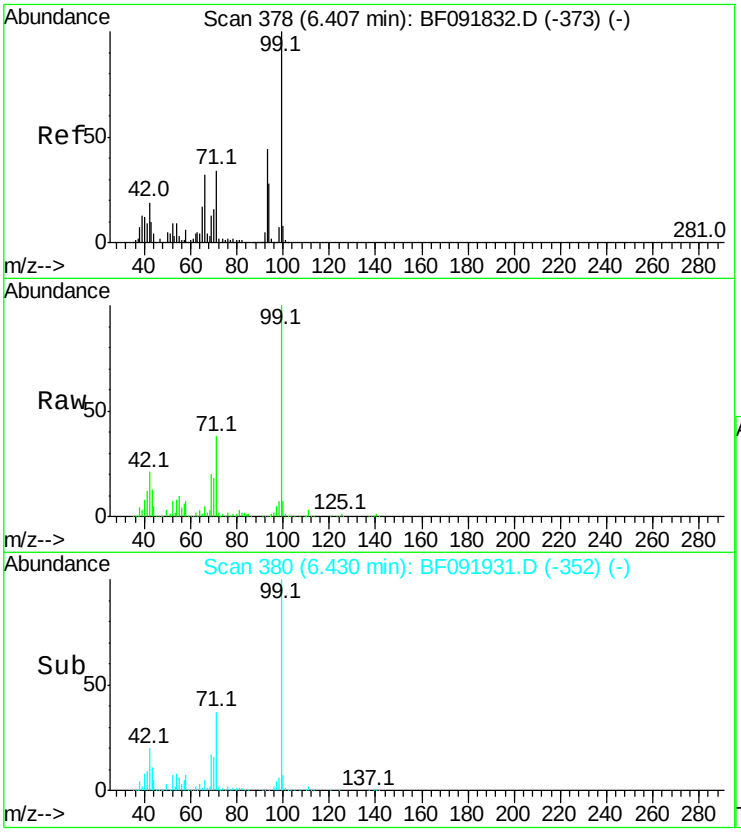


#5
2-Fluorophenol
Concen: 124.97 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:112 Resp: 1385769

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.1	69.1
63	31.5	23.8	35.6



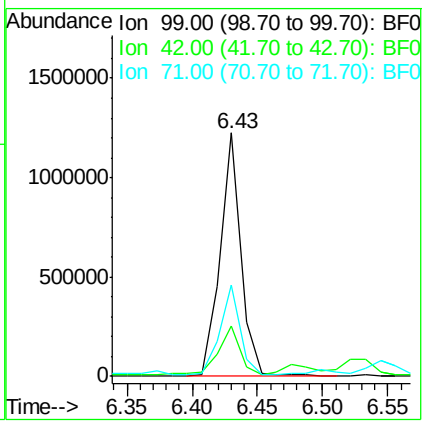


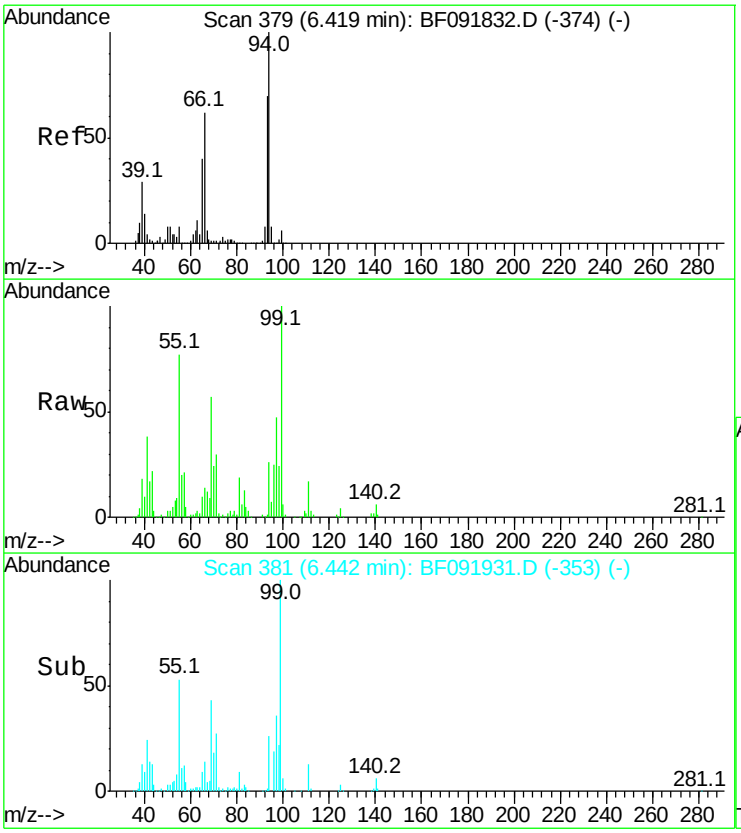
#7
Phenol-d6
Concen: 101.55 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.02 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion: 99 Resp: 1374917

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.6	23.4
71	37.6	27.5	41.3

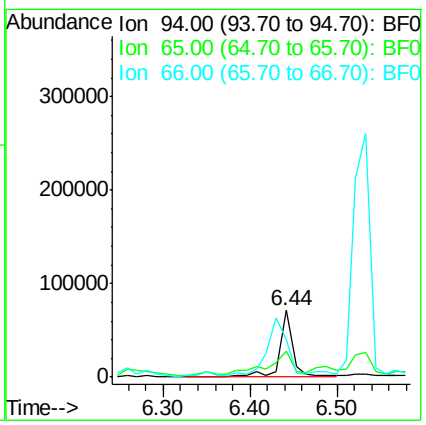


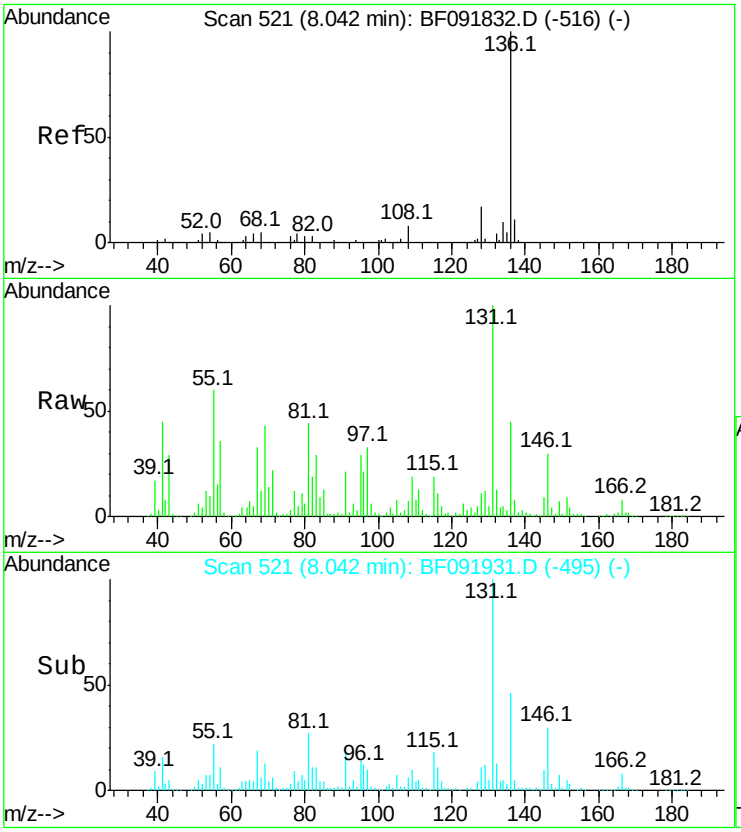


#10
Phenol
Concen: 4.89 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.02 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion: 94 Resp: 75479

Ion	Ratio	Lower	Upper
94	100		
65	38.9	21.4	61.4
66	55.5	44.0	84.0



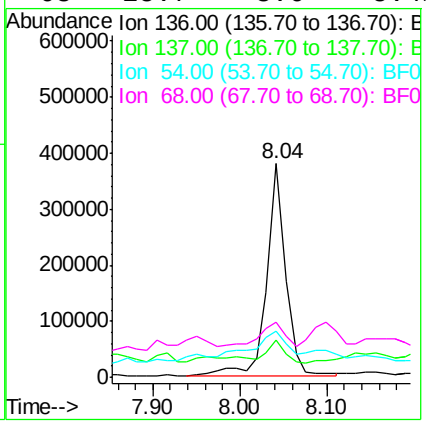


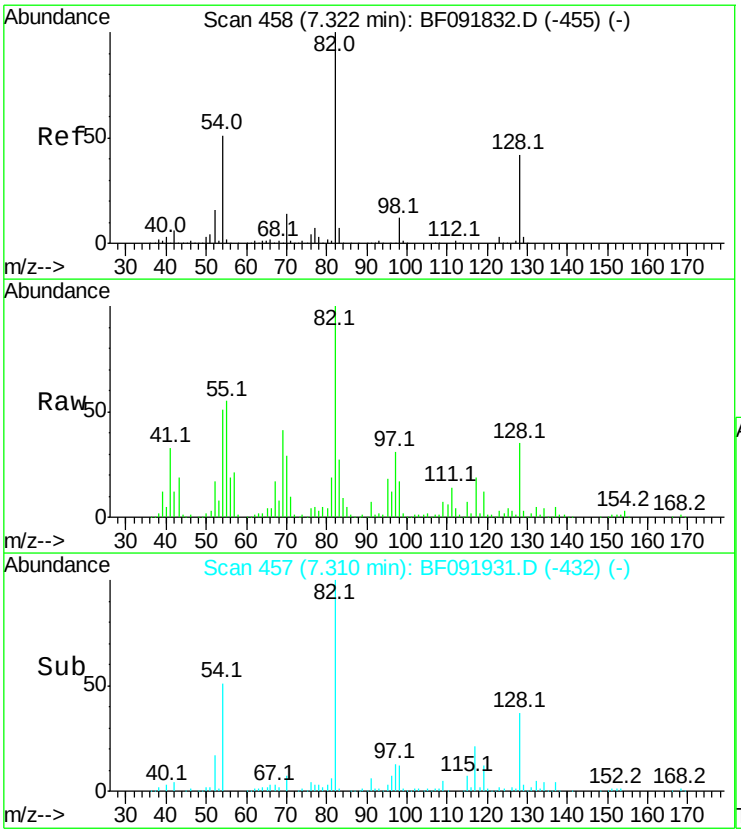
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:136 Resp: 567228

Ion	Ratio	Lower	Upper
136	100		
137	17.5	8.4	12.6#
54	21.6	4.5	6.7#
68	25.7	3.6	5.4#

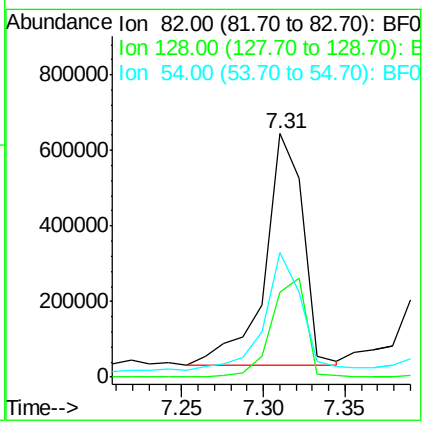


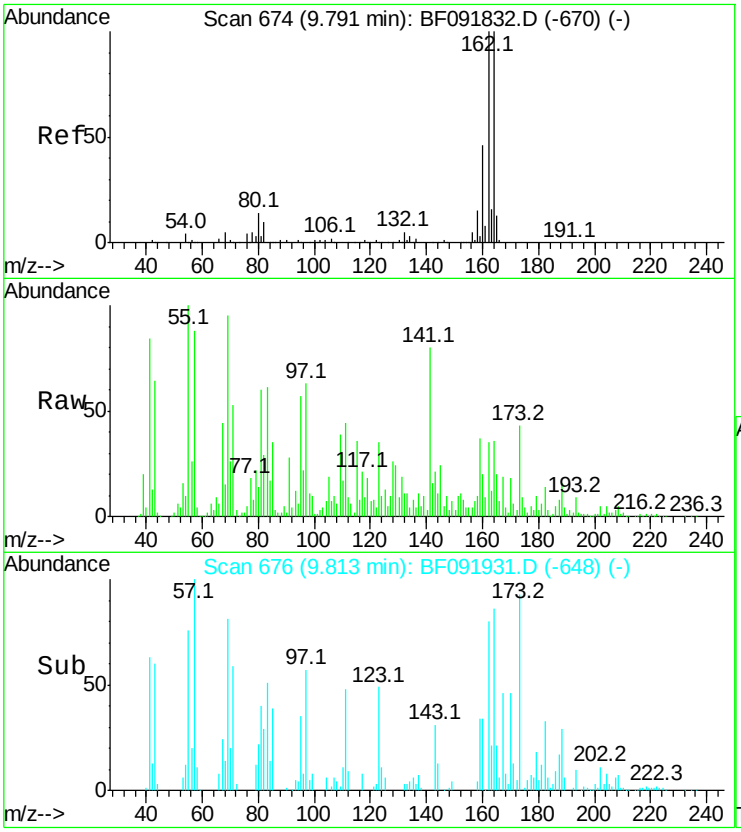


#23
Nitrobenzene-d5
Concen: 97.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion: 82 Resp: 990437

Ion	Ratio	Lower	Upper
82	100		
128	34.7	34.6	52.0
54	51.2	39.5	59.3



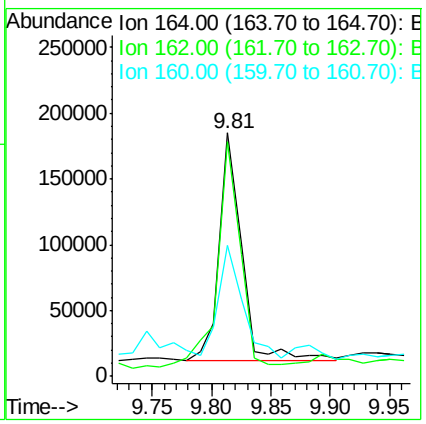


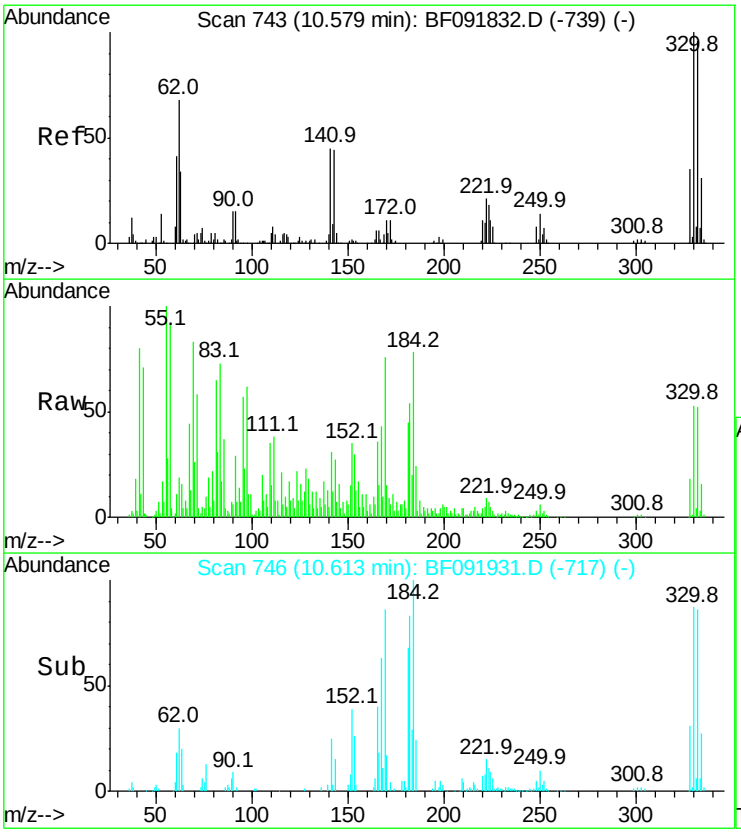
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:164 Resp: 225003

Ion	Ratio	Lower	Upper
164	100		
162	96.4	80.2	120.2
160	54.0	36.9	55.3

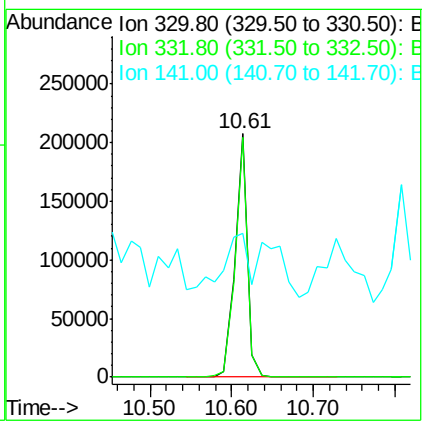


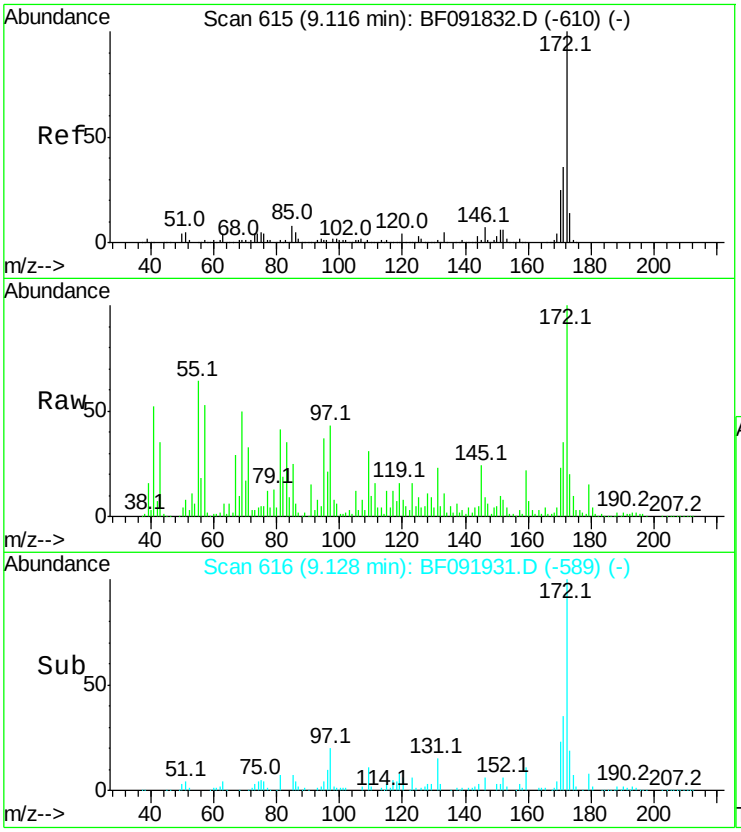


#41
2,4,6-Tribromophenol
Concen: 117.94 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.03 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:330 Resp: 219612

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	36.1	34.1	51.1



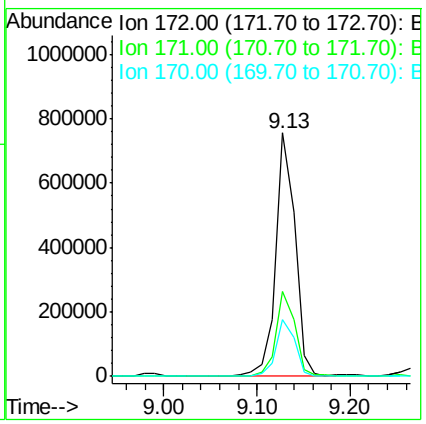


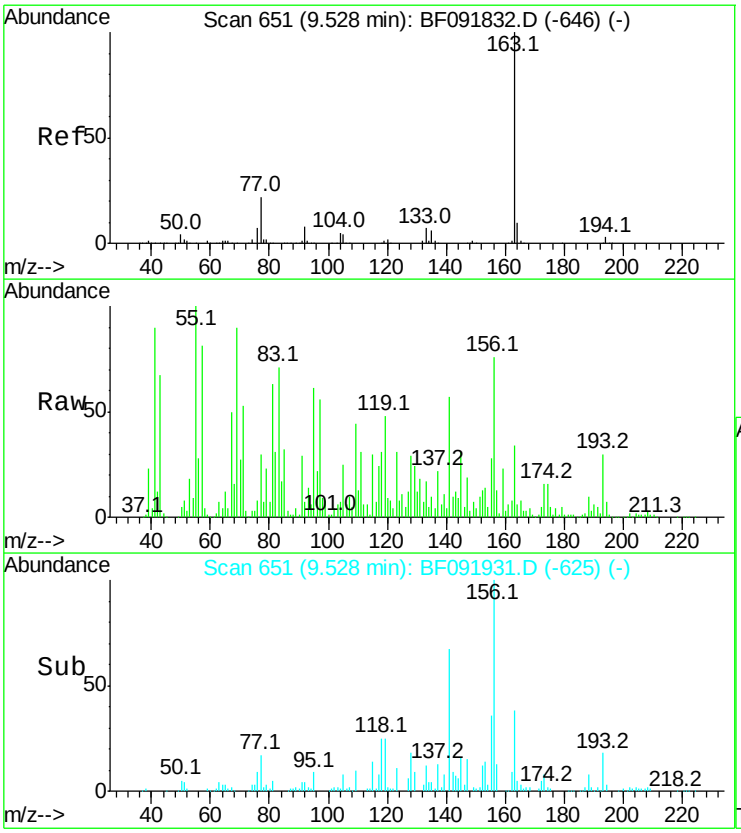
#44
2-Fluorobiphenyl
Concen: 101.36 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:172 Resp: 1085789

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.1	20.2	30.4

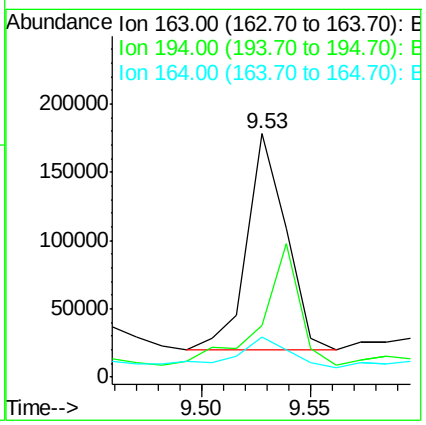


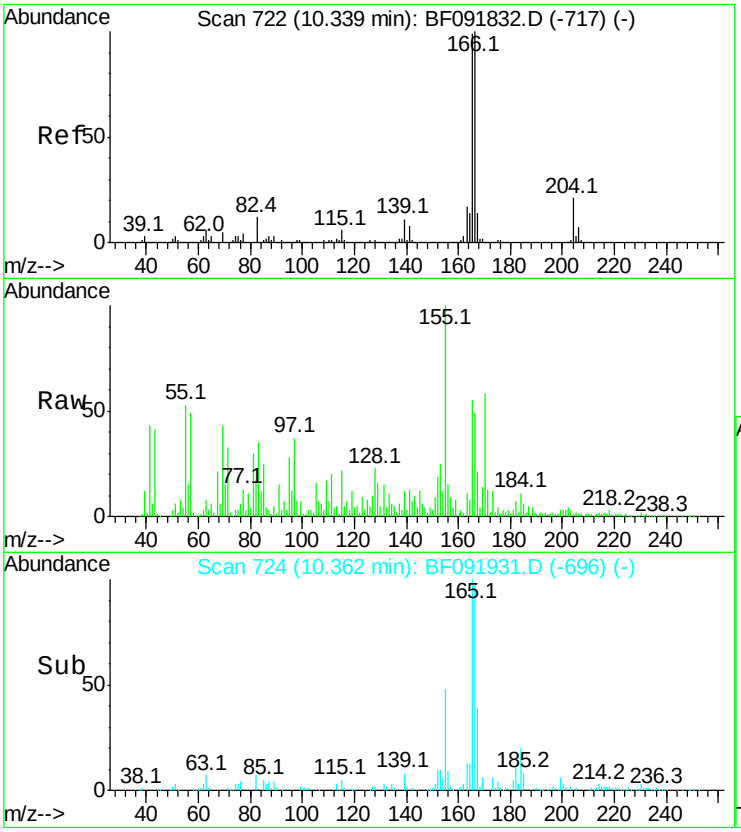


#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:163 Resp: 200060

Ion	Ratio	Lower	Upper
163	100		
194	21.0	3.0	4.4#
164	16.4	8.0	12.0#



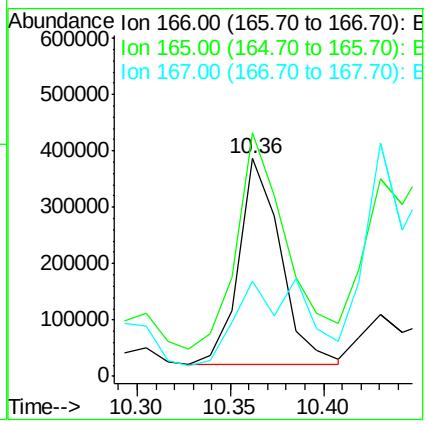


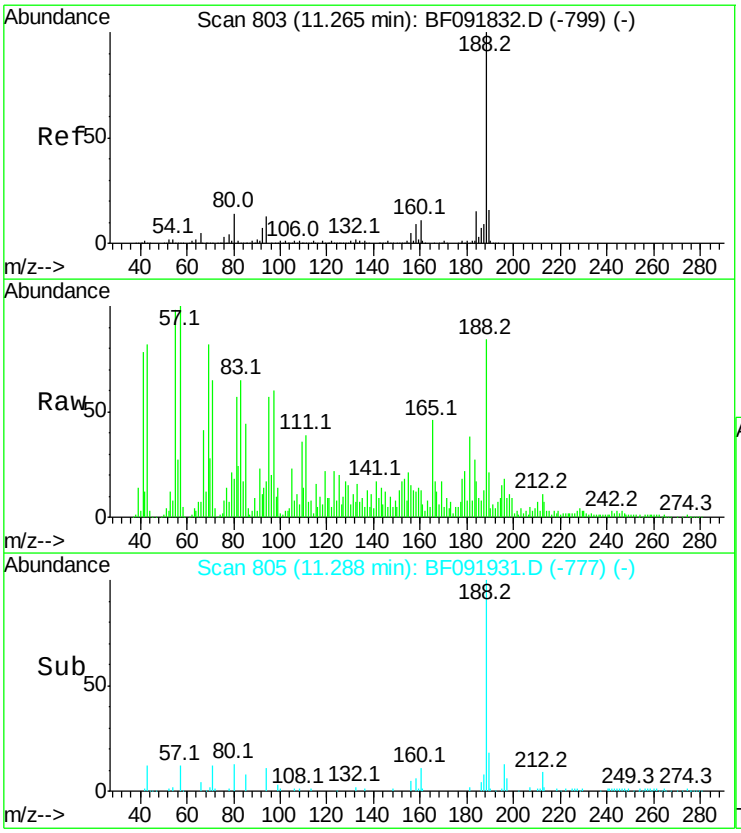
#57
Fluorene
Concen: 45.64 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.02 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:166 Resp: 570427

Ion	Ratio	Lower	Upper
166	100		
165	111.9	77.8	116.8
167	43.9	10.8	16.2#

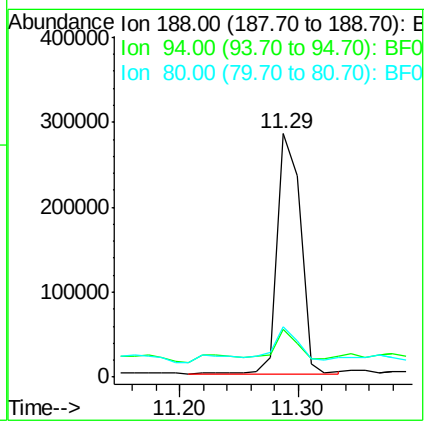


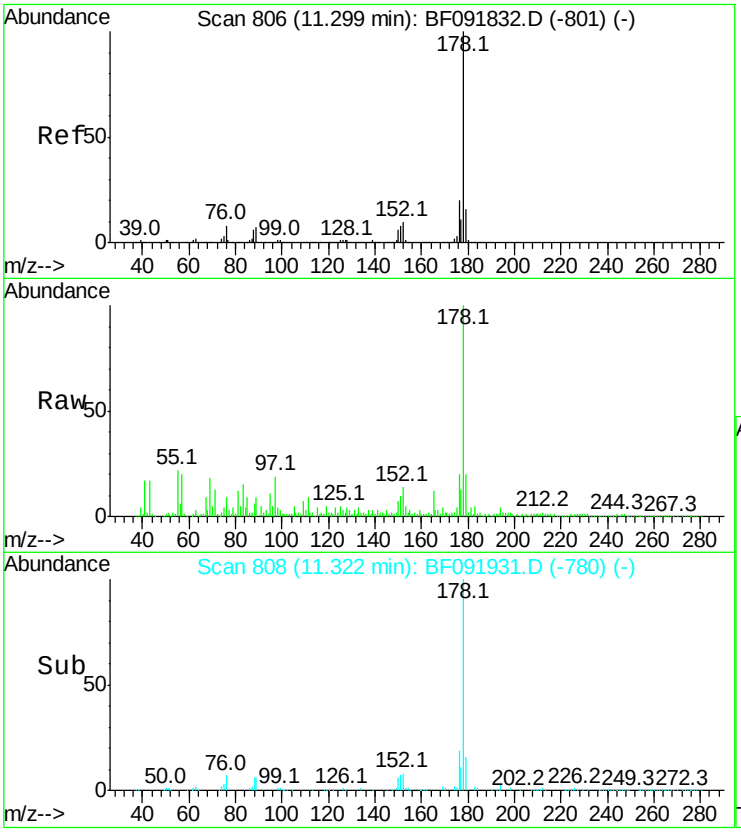


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.02 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:188 Resp: 386199

Ion	Ratio	Lower	Upper
188	100		
94	19.7	10.0	15.0#
80	20.9	11.2	16.8#



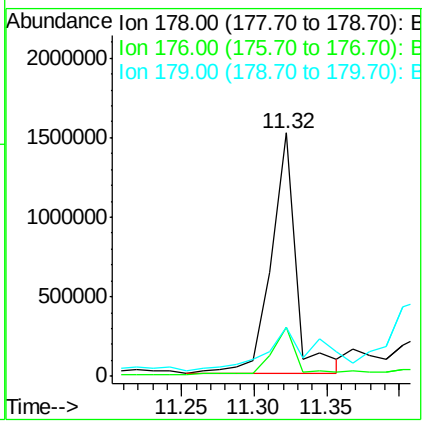


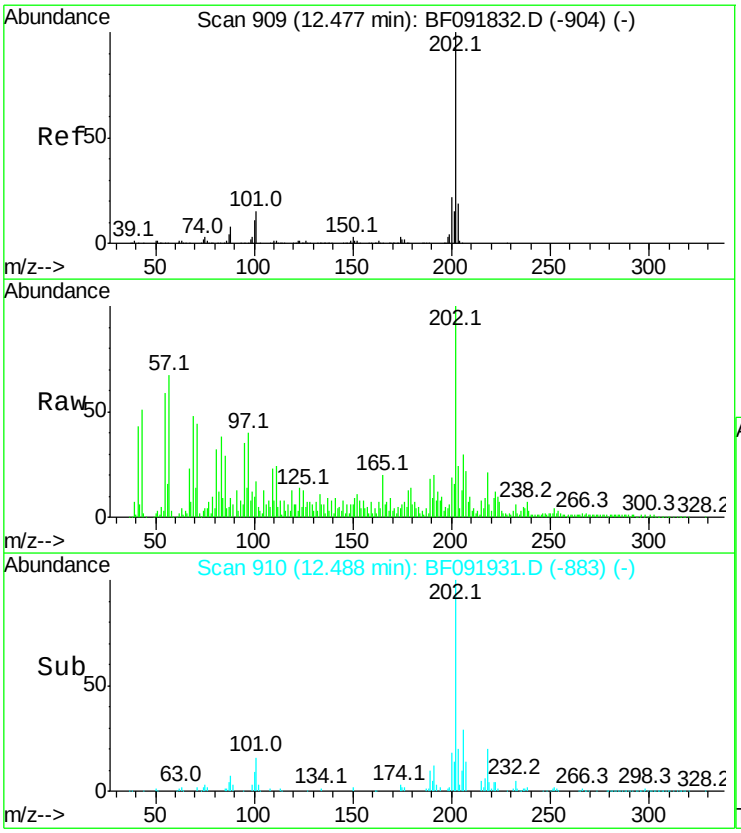
#70
Phenanthrene
Concen: 85.11 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.02 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:178 Resp: 1782402

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	20.1	12.8	19.2#

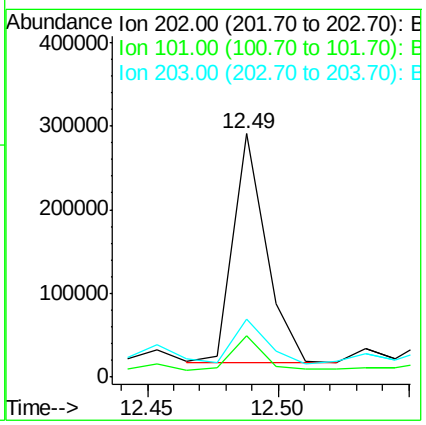


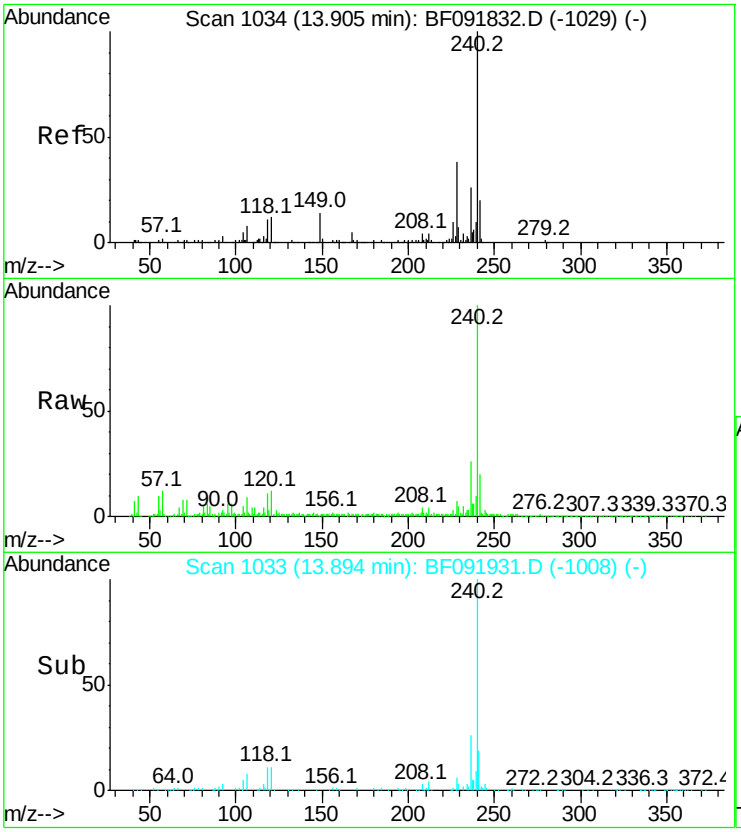


#74
Fluoranthene
Concen: 10.25 ng
RT: 12.49 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:202 Resp: 242642

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	34.6
203	24.0	0.0	38.7



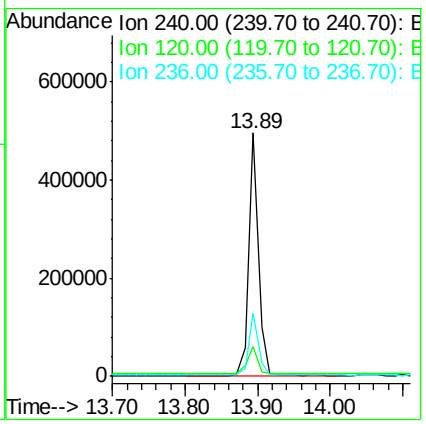


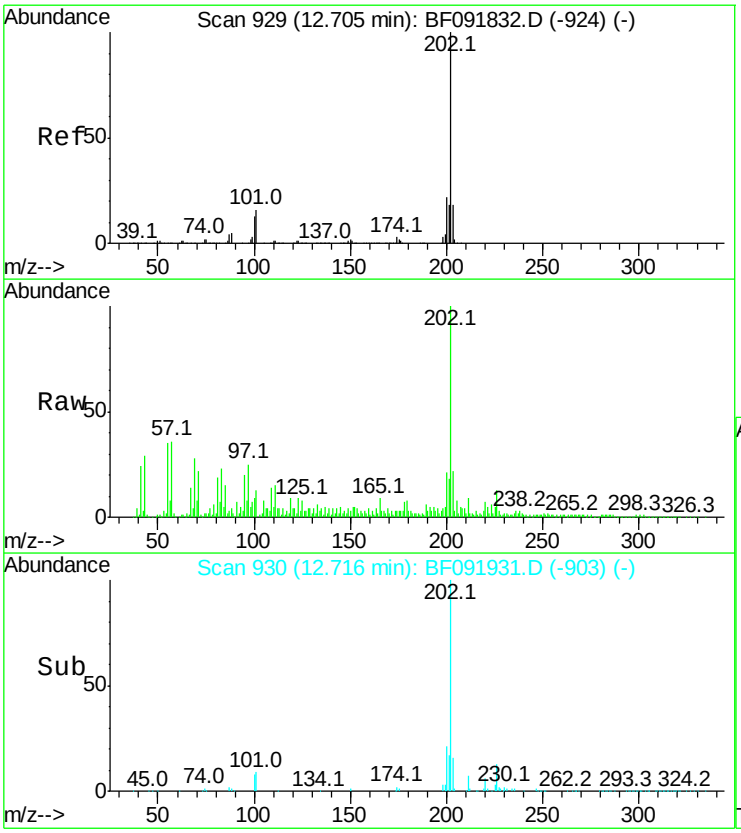
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:240 Resp: 459298

Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	26.2	20.9	31.3

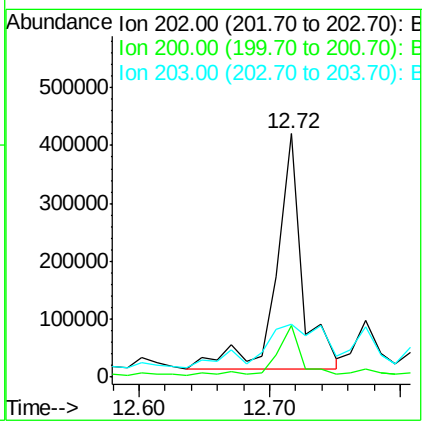


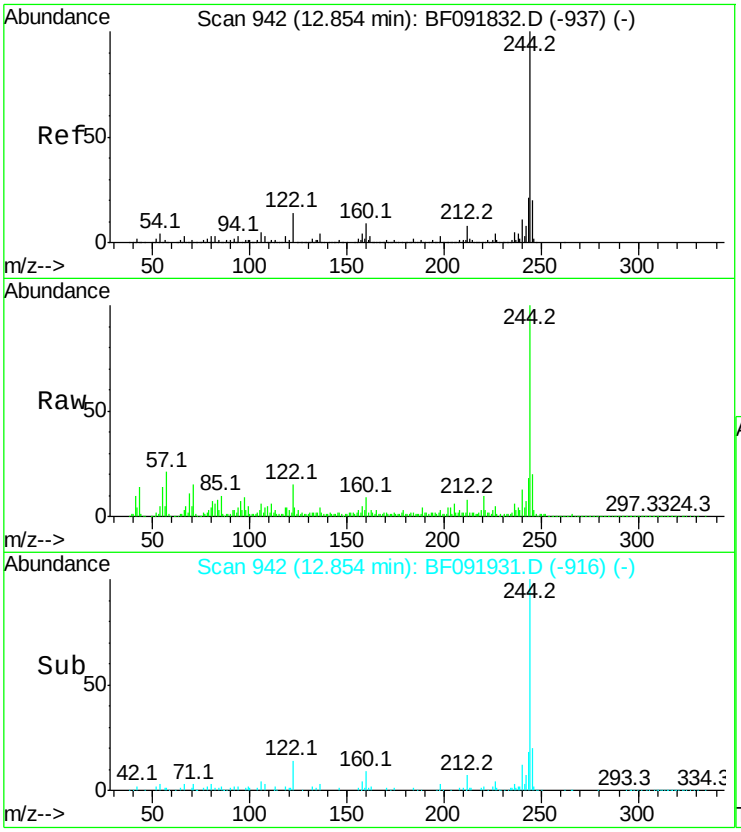


#77
Pyrene
Concen: 16.91 ng
RT: 12.72 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:202 Resp: 569702

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	21.6	14.7	22.1



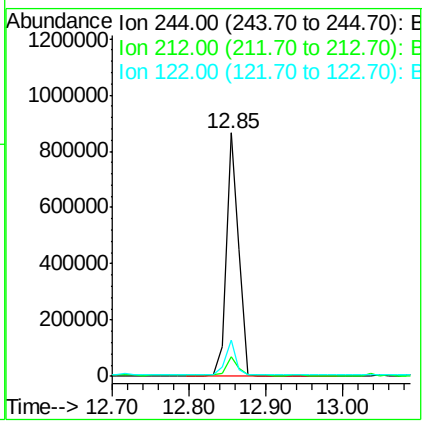


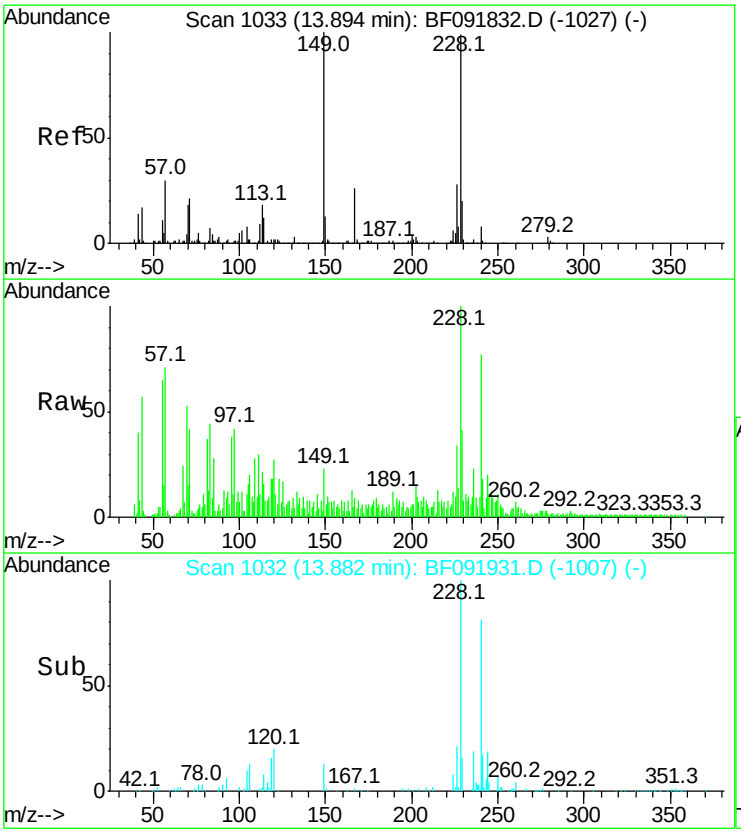
#78
Terphenyl-d14
Concen: 52.07 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:244 Resp: 986030

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.1	11.4	17.2

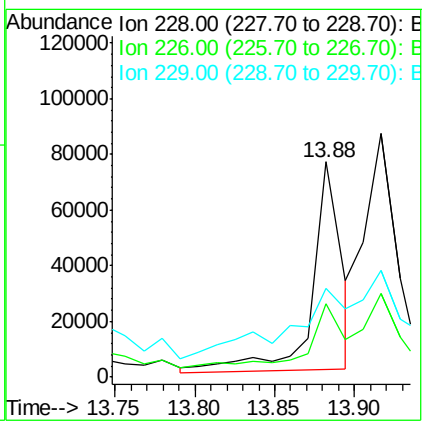


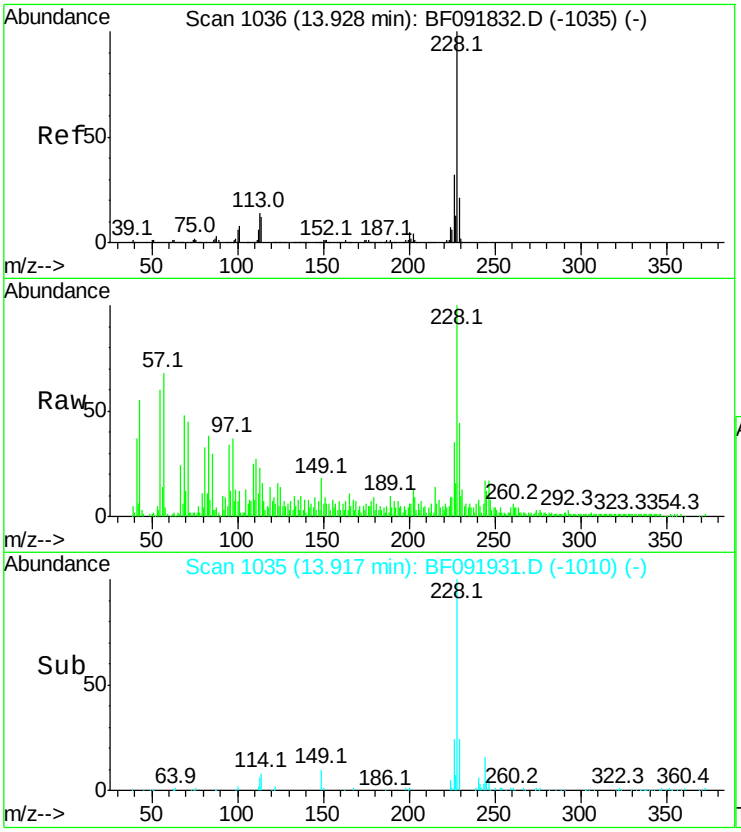


#80
Benzo(a)anthracene
Concen: 3.72 ng m
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:228 Resp: 96415

Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.4	33.6#
229	41.2	16.2	24.4#



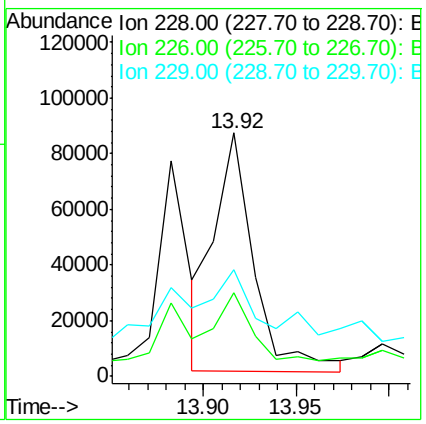


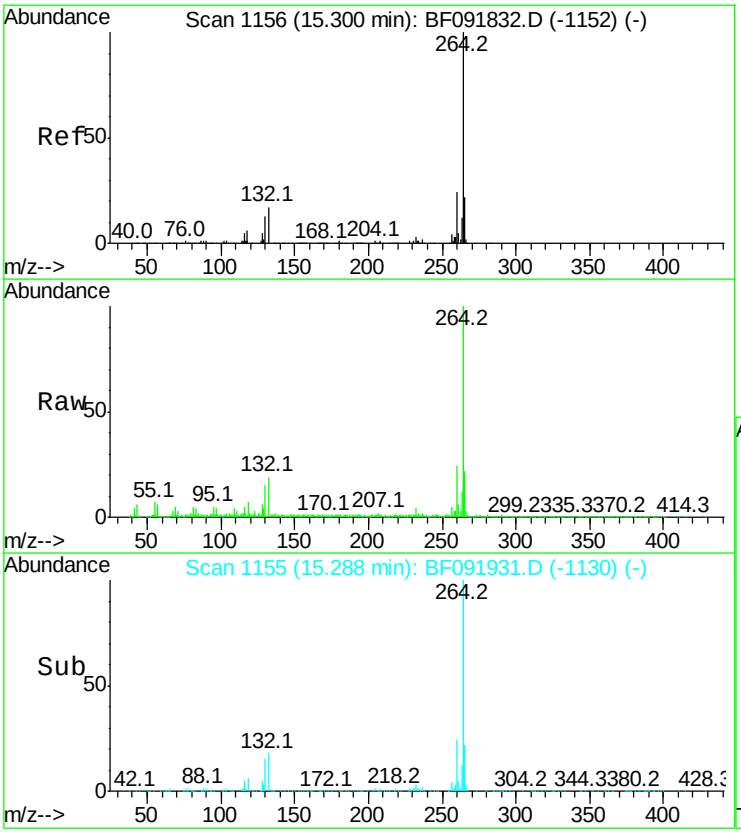
#82
Chrysene
Concen: 4.96 ng m
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:228 Resp: 128995

Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.4	38.0
229	44.0	16.2	24.2#

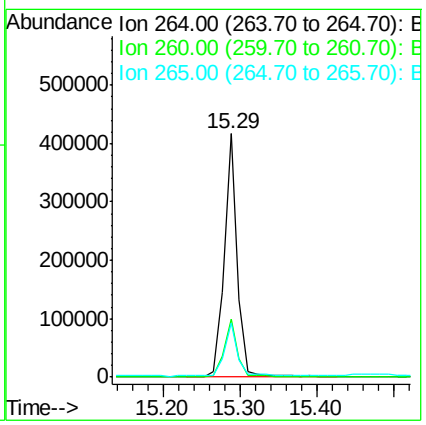


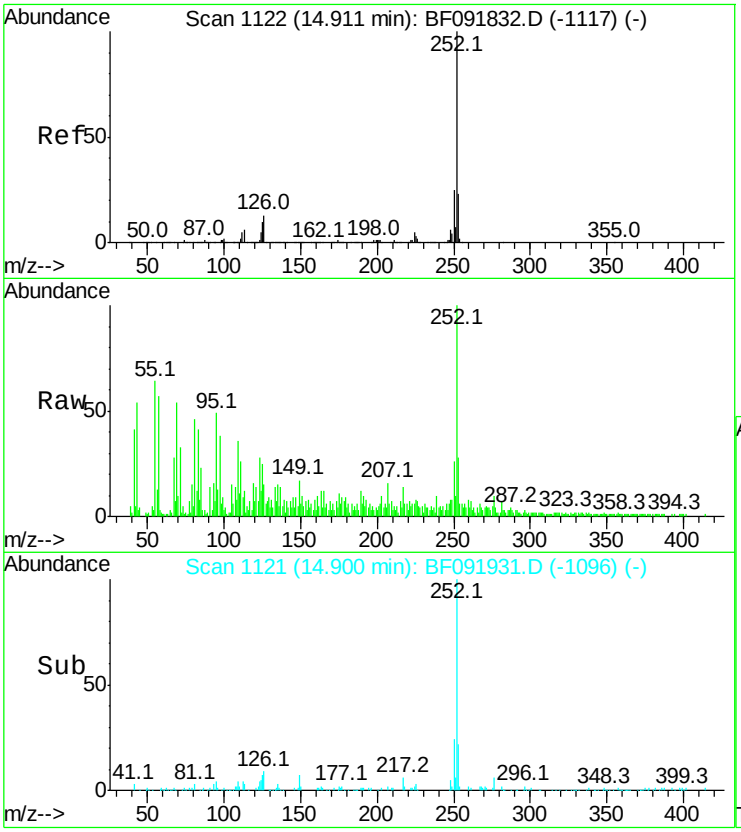


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Tgt Ion:264 Resp: 495948

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	17.4	26.0





#87
Benzo(b)fluoranthene
Concen: 2.63 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF091931.D
Acq: 23 Dec 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMP

Tgt Ion:252 Resp: 81059

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.2	27.4#
125	24.5	9.8	14.6#