Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092013.D
Acq On : 28 Dec 2016 23:54
Operator : UM/SJ
Sample : H6238-01DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-001-COMPDL

Quant Time: Dec 29 02:42:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	203841	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	566917	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	295469	20.00	ng		0.01
63) Phenanthrene-d10	11.25	188	497485	20.00	ng		0.02
75) Chrysene-d12	13.86	240	368107	20.00	ng		-0.01
86) Perylene-d12	15.25	264	399375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	891257	73.01	ng		-0.01
7) Phenol-d6	6.37	99	1149188	77.10	ng		-0.01
23) Nitrobenzene-d5	7.28	82	656047	64.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	143781	58.80	ng		0.02
44) 2-Fluorobiphenyl	9.09	172	929887	60.81	ng		0.01
78) Terphenyl-d14	12.82	244	763863	50.33	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	50298	2.96	ng	#	73
49) Dimethylphthalate	9.49	163	160902	8.51	ng	#	59
57) Fluorene	10.32	166	434899	26.50	ng	#	73
70) Phenanthrene	11.28	178	1443055	53.49	ng	#	94
74) Fluoranthene	12.45	202	139368	2.26	ng		92
77) Pyrene	12.67	202	384924	14.25	ng	#	88
80) Benzo(a)anthracene	13.85	228	44698m	2.15	ng		
82) Chrysene	13.88	228	56382m	2.71	ng		

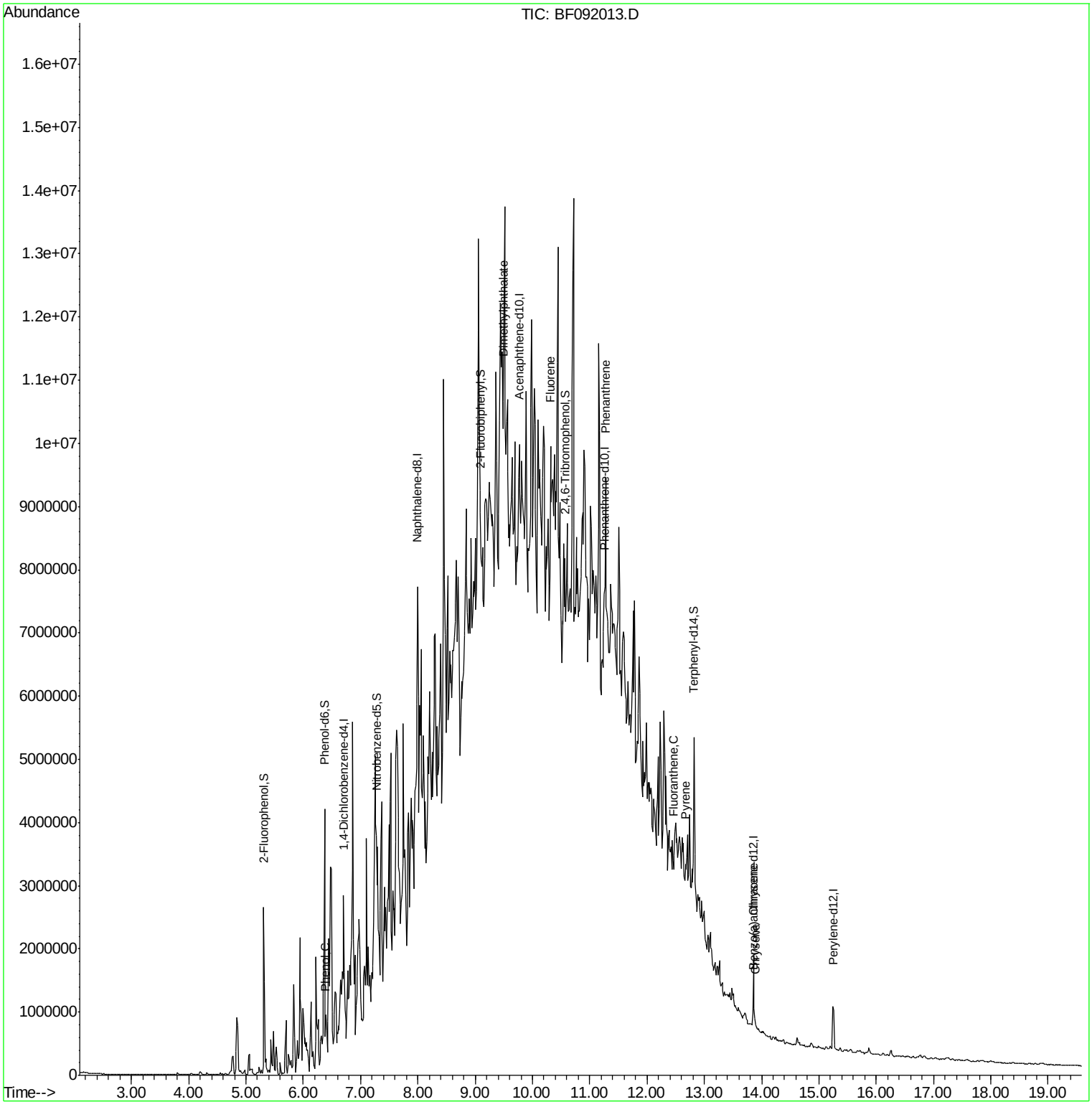
(#) = qualifier out of range (m) = manual integration (+) = signals summed

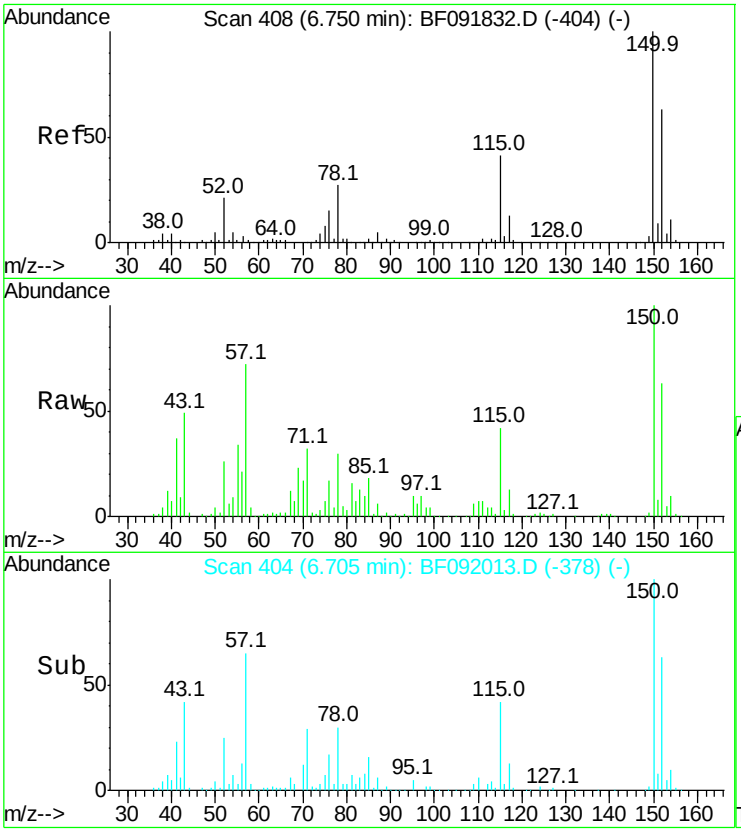
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092013.D
Acq On : 28 Dec 2016 23:54
Operator : UM/SJ
Sample : H6238-01DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Quant Time: Dec 29 02:42:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration



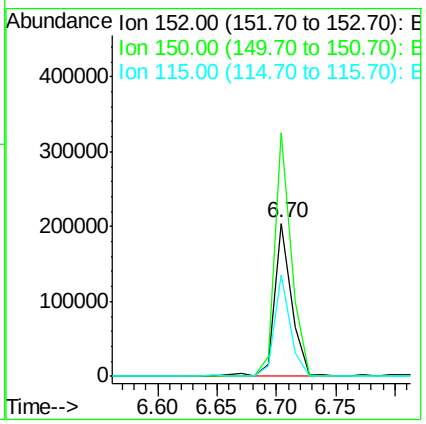


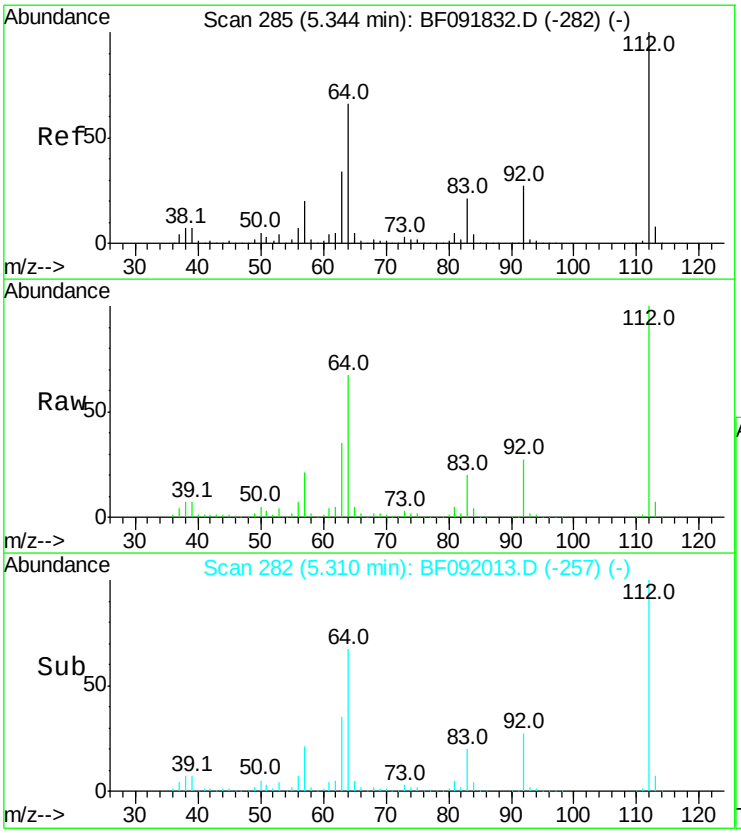
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:152 Resp: 203841

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.9	187.3
115	66.5	46.0	69.0

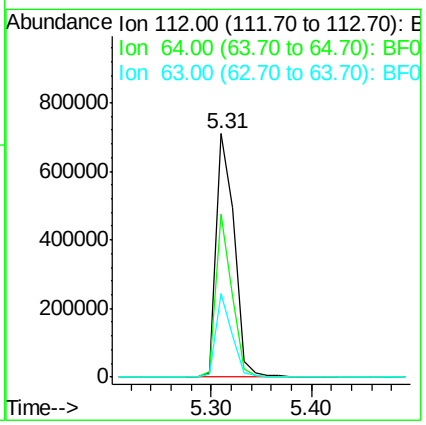


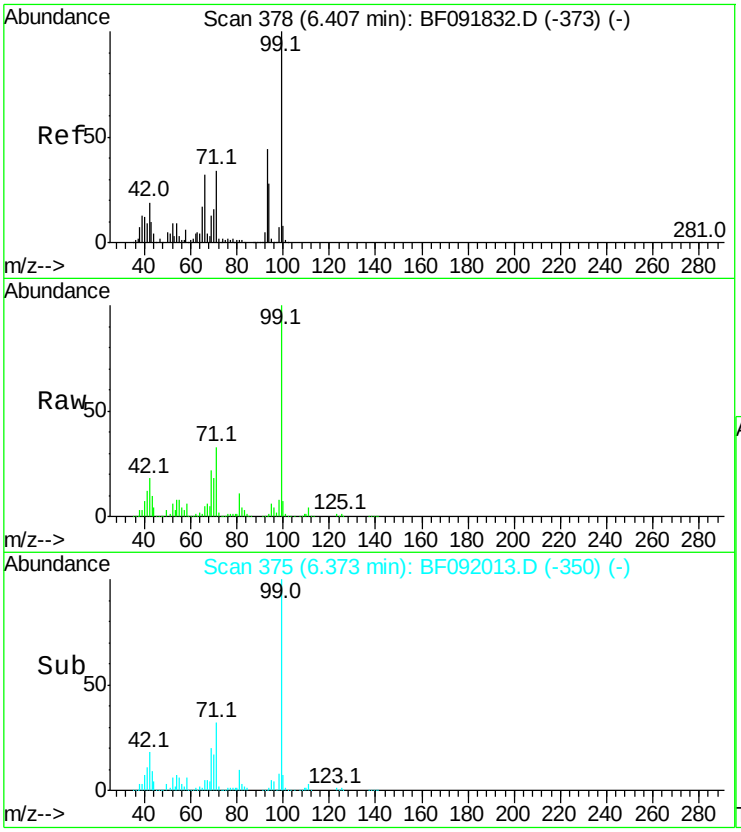


#5
2-Fluorophenol
Concen: 73.01 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:112 Resp: 891257

Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.1	69.1
63	34.5	23.8	35.6



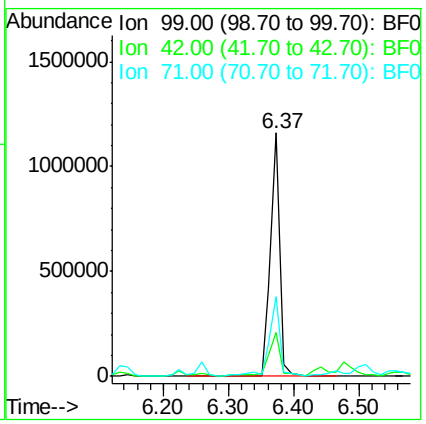


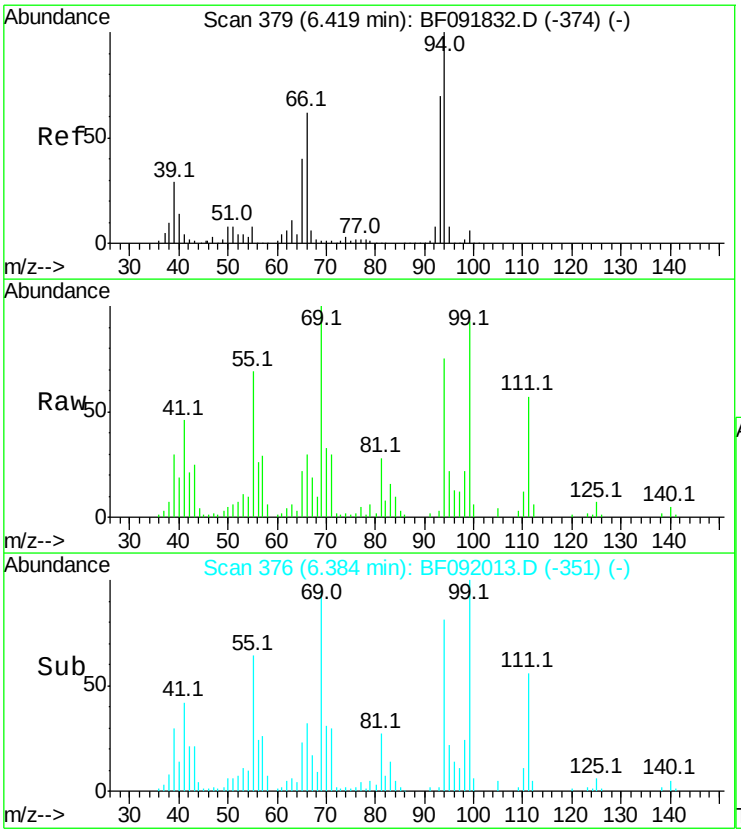
#7
Phenol-d6
Concen: 77.10 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion: 99 Resp: 1149188

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.6	23.4
71	32.9	27.5	41.3

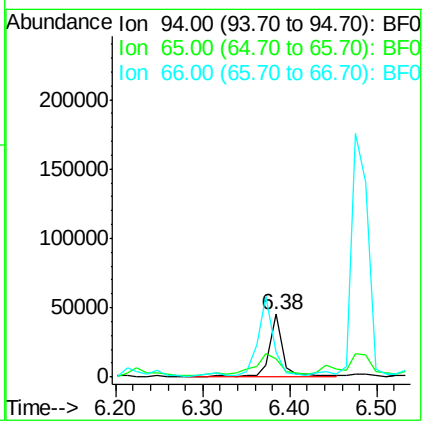


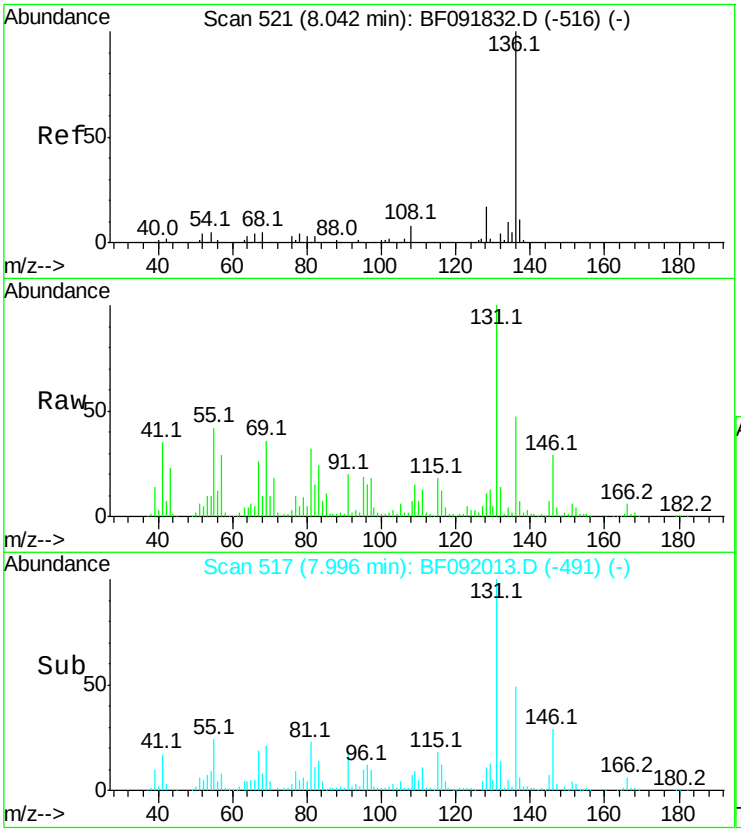


#10
Phenol
Concen: 2.96 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion: 94 Resp: 50298

Ion	Ratio	Lower	Upper
94	100		
65	28.9	21.4	61.4
66	39.2	44.0	84.0#



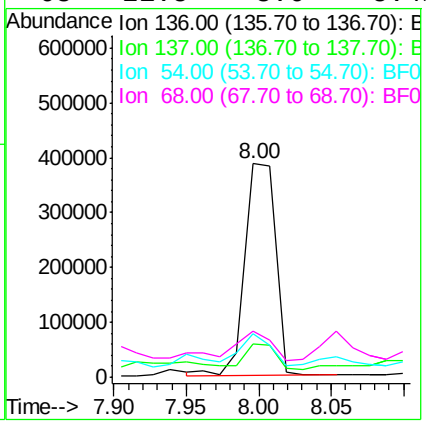


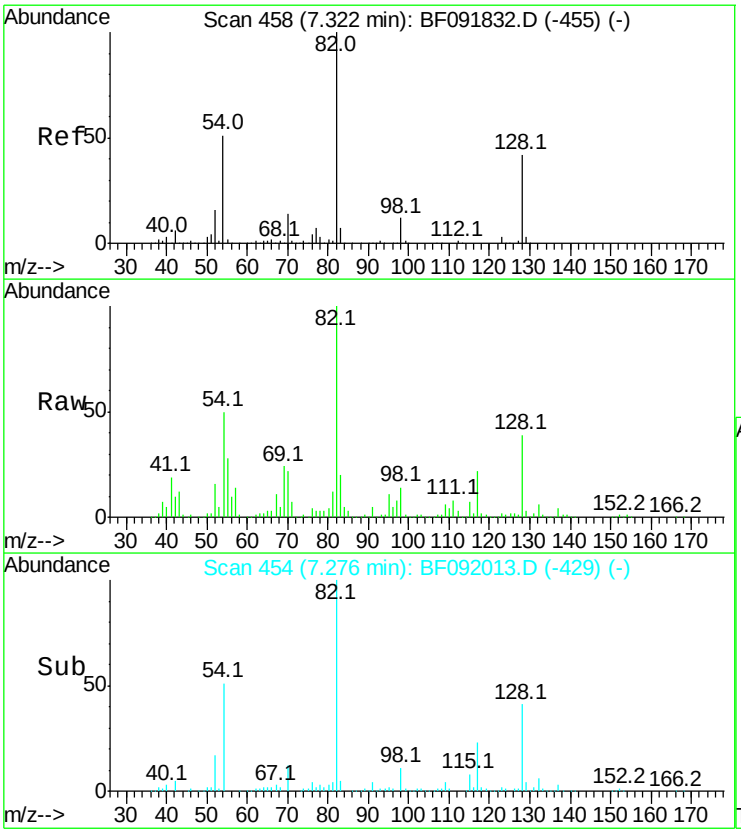
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:136 Resp: 566917

Ion	Ratio	Lower	Upper
136	100		
137	15.6	8.4	12.6#
54	20.3	4.5	6.7#
68	21.5	3.6	5.4#

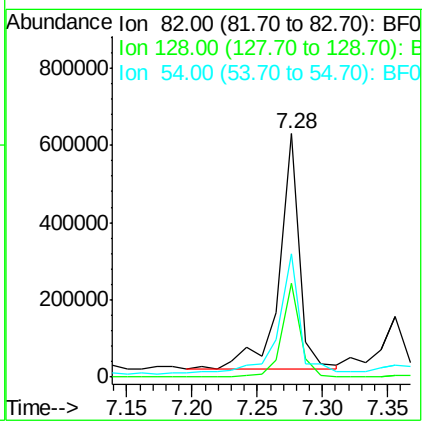


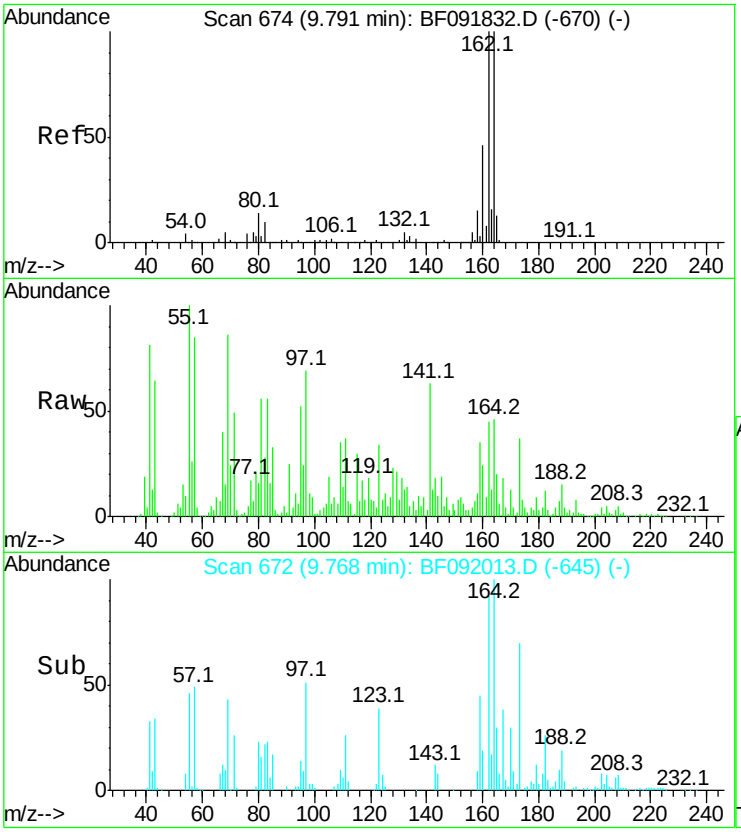


#23
Nitrobenzene-d5
Concen: 64.35 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion: 82 Resp: 656047

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.6	52.0
54	50.5	39.5	59.3



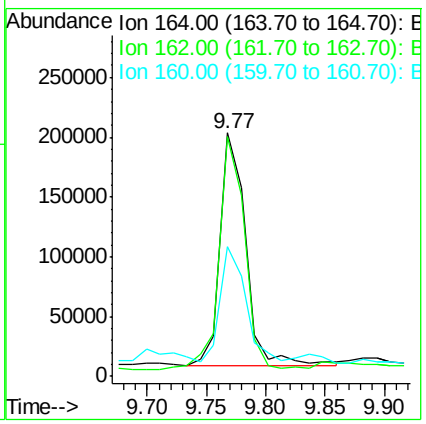


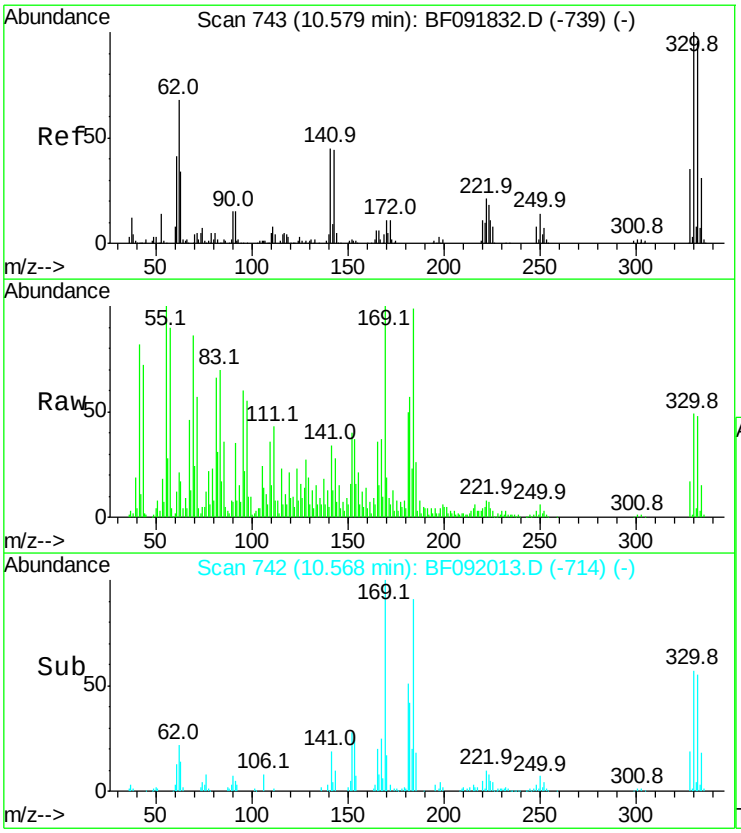
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:164 Resp: 295469

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.2
160	53.3	36.9	55.3

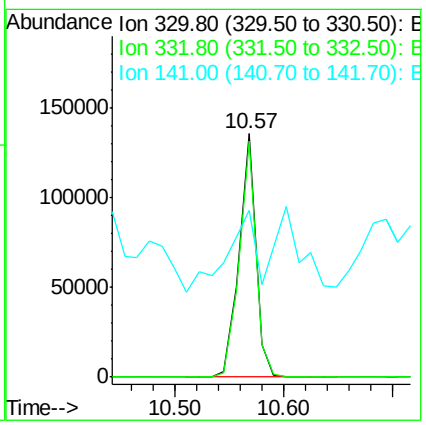


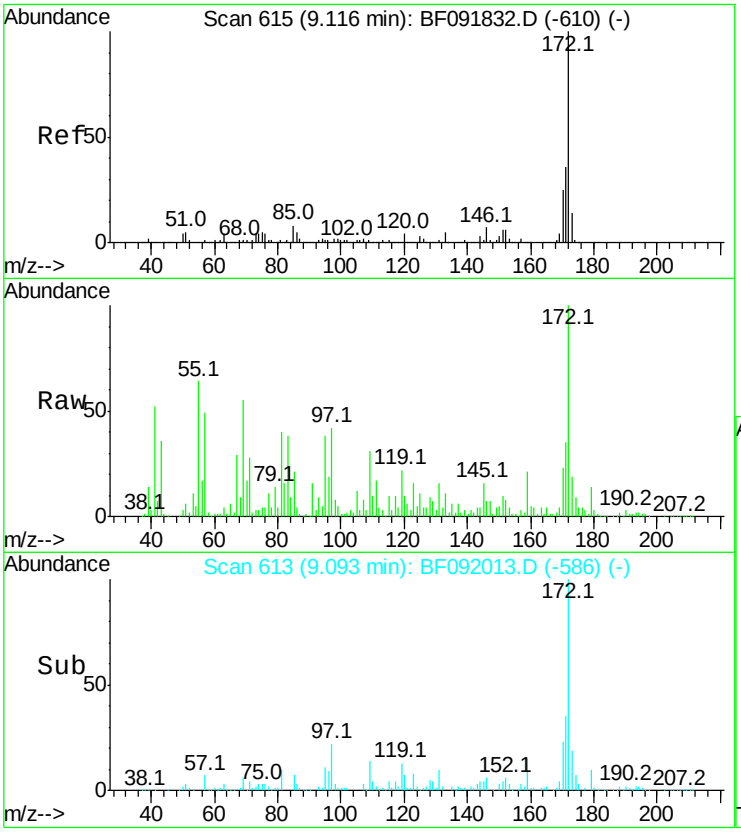


#41
2,4,6-Tribromophenol
Concen: 58.80 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.02 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:330 Resp: 143781

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	55.6	34.1	51.1#



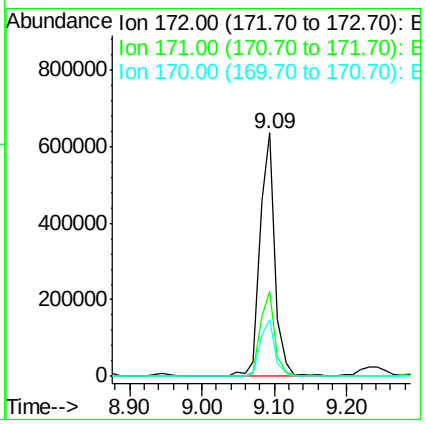


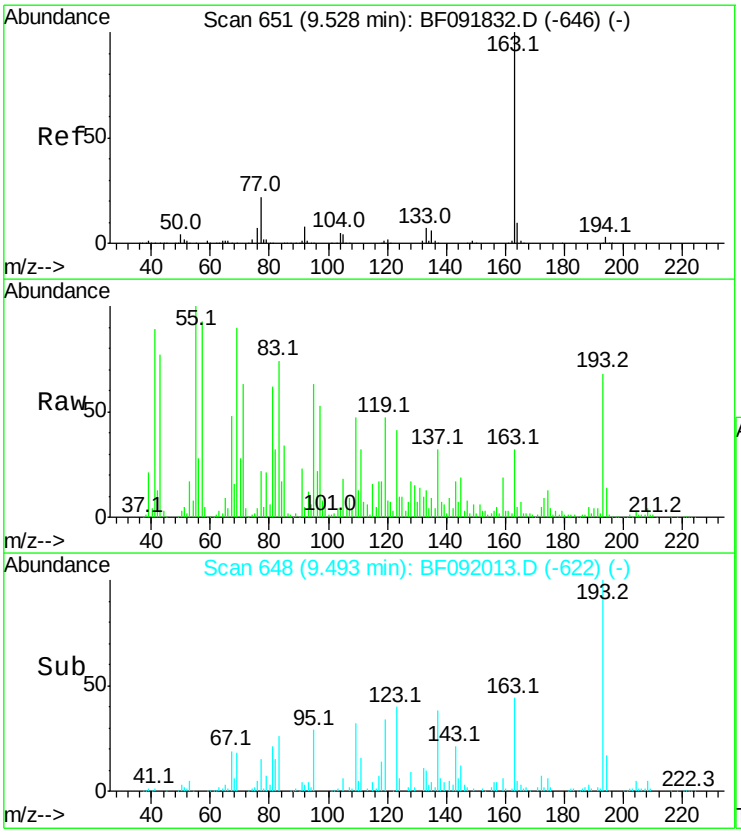
#44
2-Fluorobiphenyl
Concen: 60.81 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:172 Resp: 929887

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.3	20.2	30.4

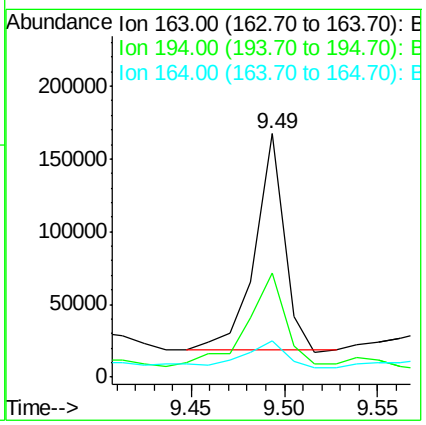


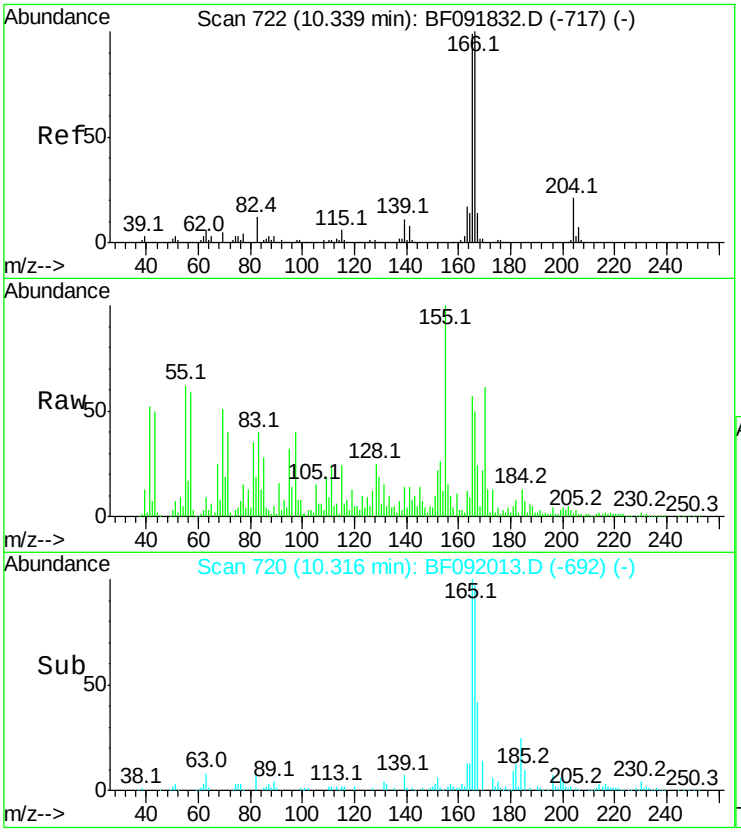


#49
Dimethylphthalate
Concen: 8.51 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:163 Resp: 160902

Ion	Ratio	Lower	Upper
163	100		
194	42.8	3.0	4.4#
164	14.7	8.0	12.0#



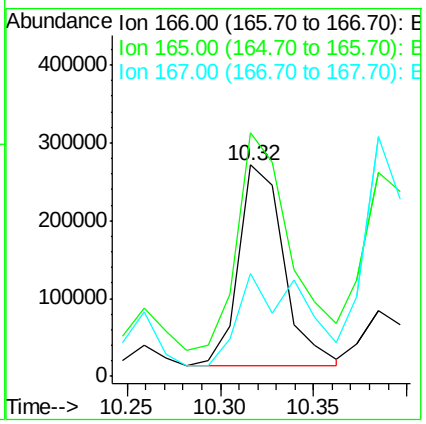


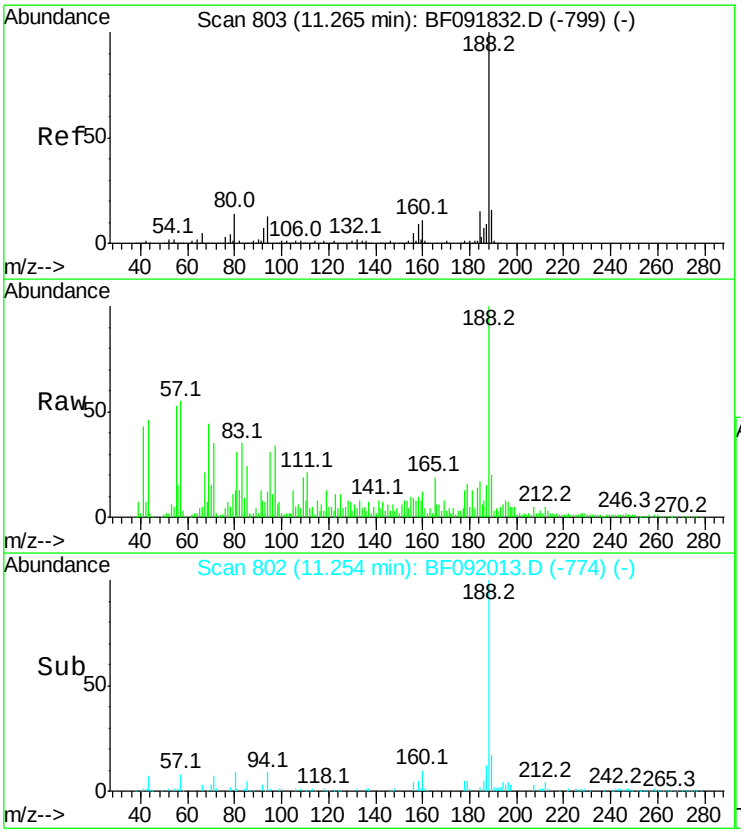
#57
Fluorene
Concen: 26.50 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.02 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:166 Resp: 434899

Ion	Ratio	Lower	Upper
166	100		
165	115.1	77.8	116.8
167	48.8	10.8	16.2#

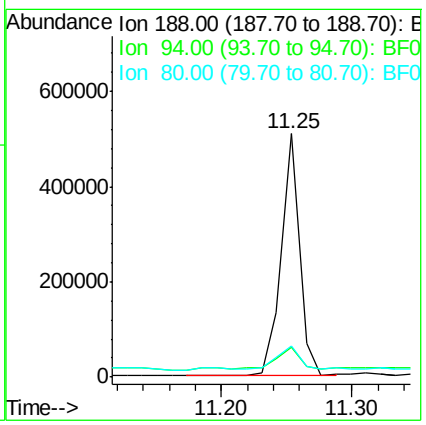


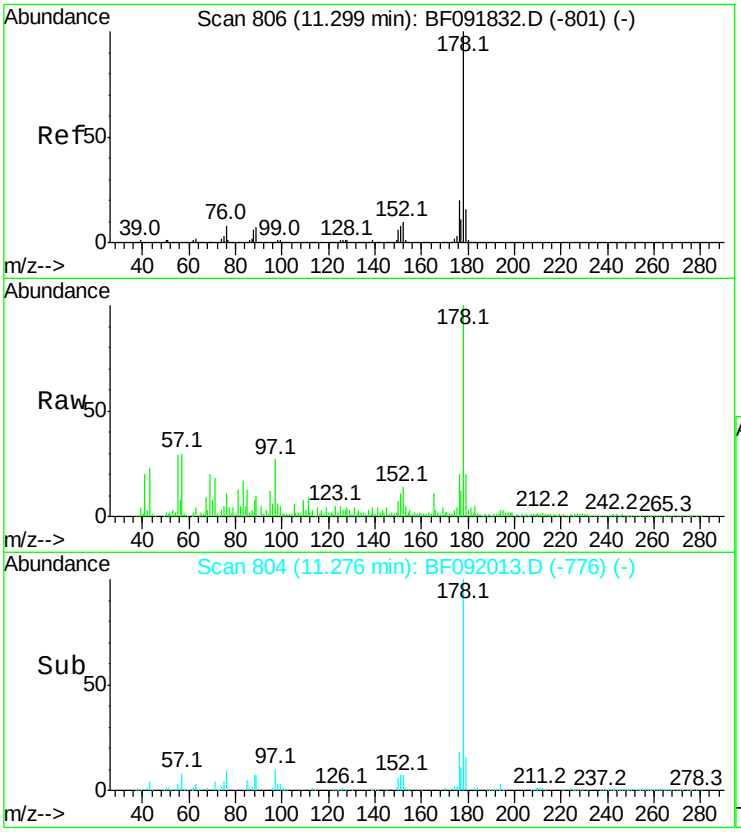


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.02 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:188 Resp: 497485

Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	13.0	11.2	16.8



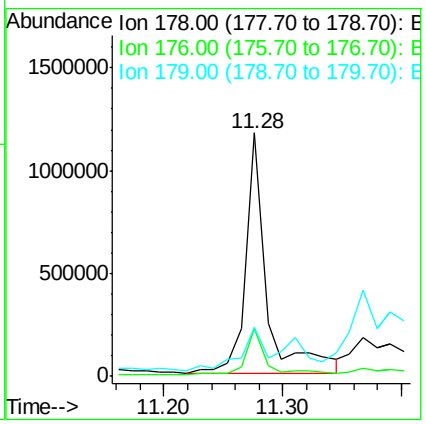


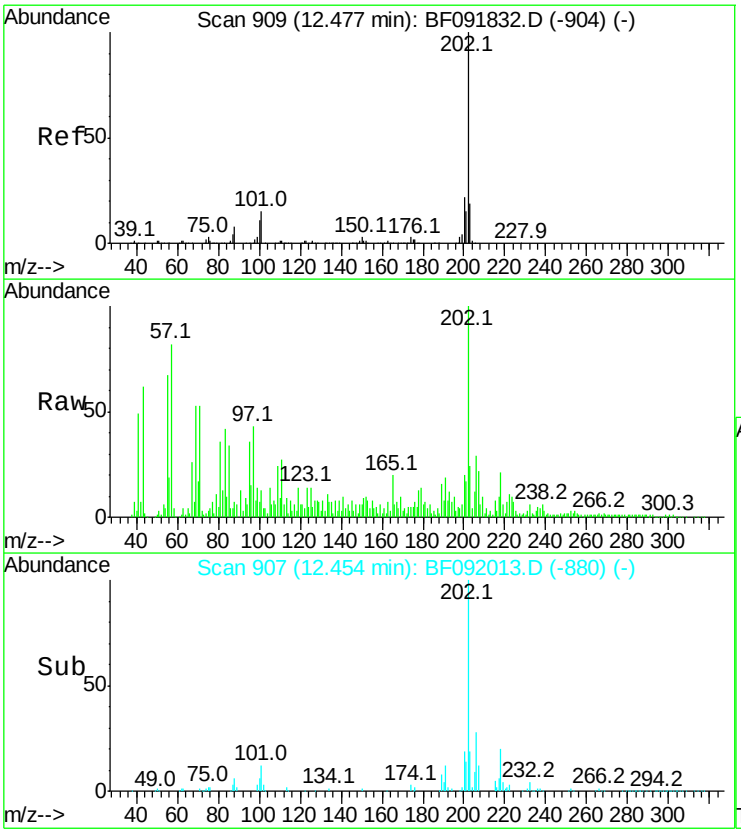
#70
Phenanthrene
Concen: 53.49 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.02 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:178 Resp: 1443055

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	20.4	12.8	19.2#

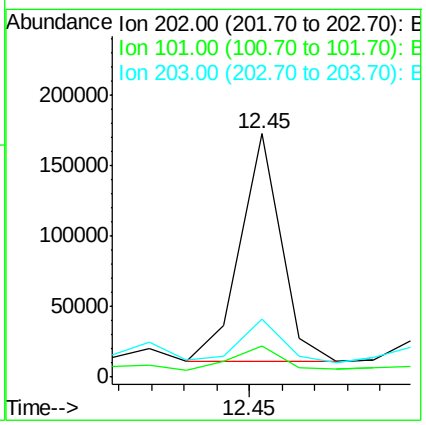


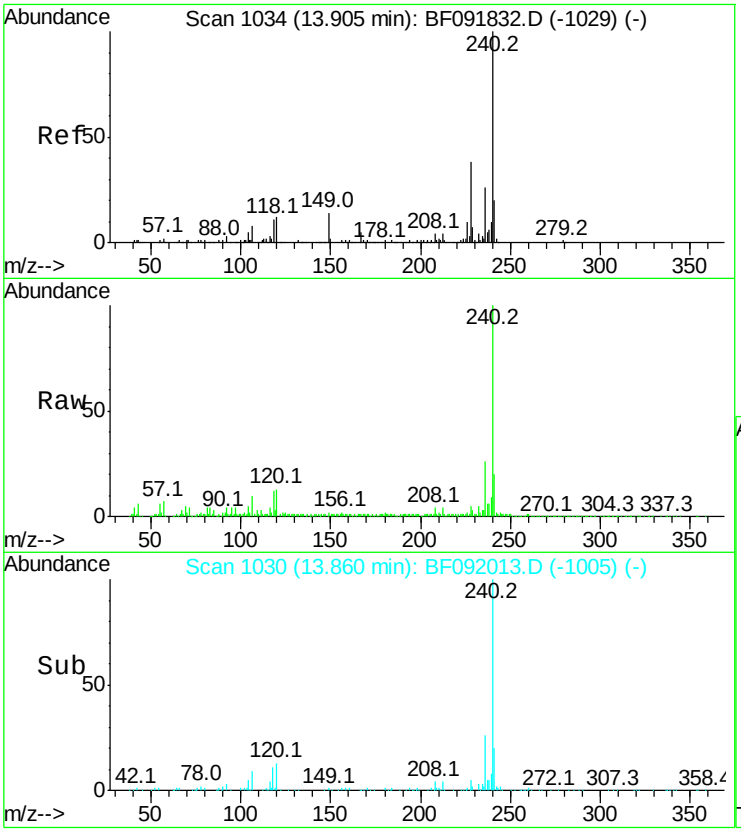


#74
Fluoranthene
Concen: 2.26 ng
RT: 12.45 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:202 Resp: 139368

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.6
203	23.9	0.0	38.7



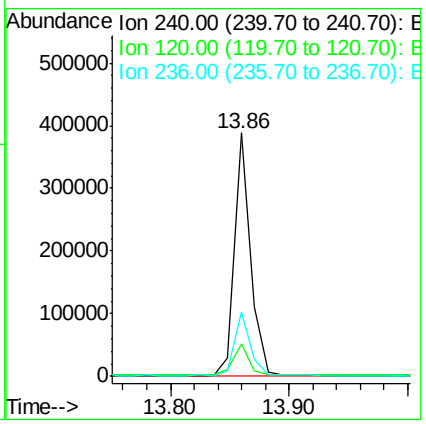


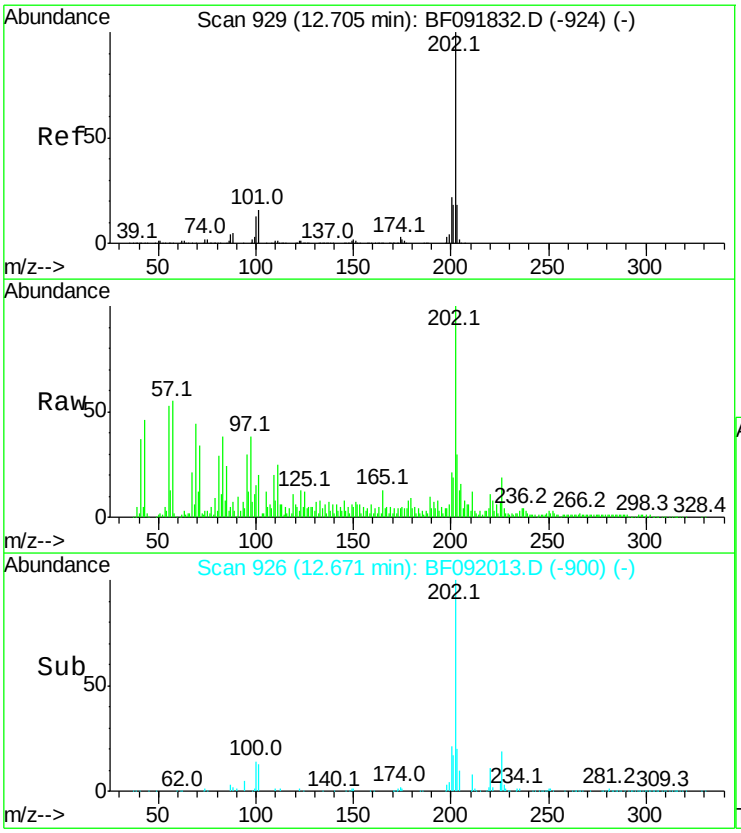
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:240 Resp: 368107

Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.9	19.3
236	26.4	20.9	31.3

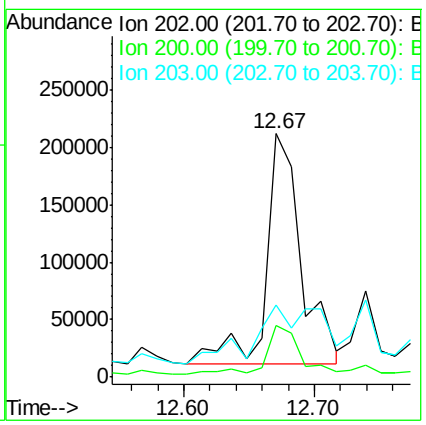


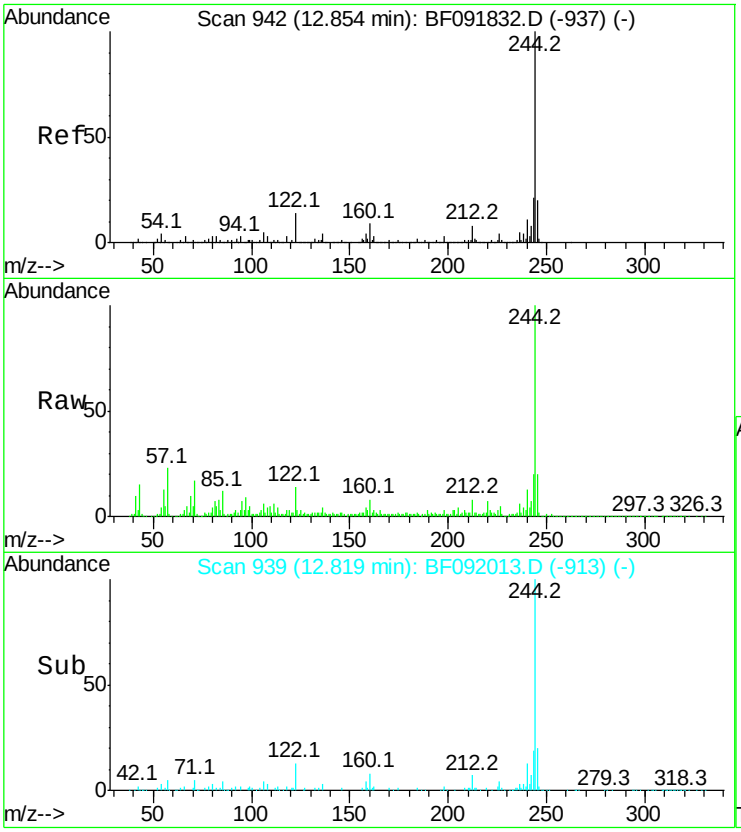


#77
Pyrene
Concen: 14.25 ng
RT: 12.67 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:202 Resp: 384924

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	29.5	14.7	22.1#



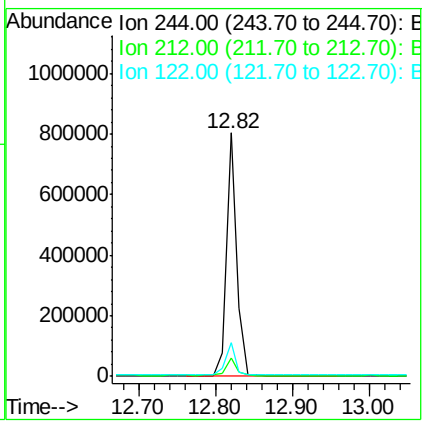


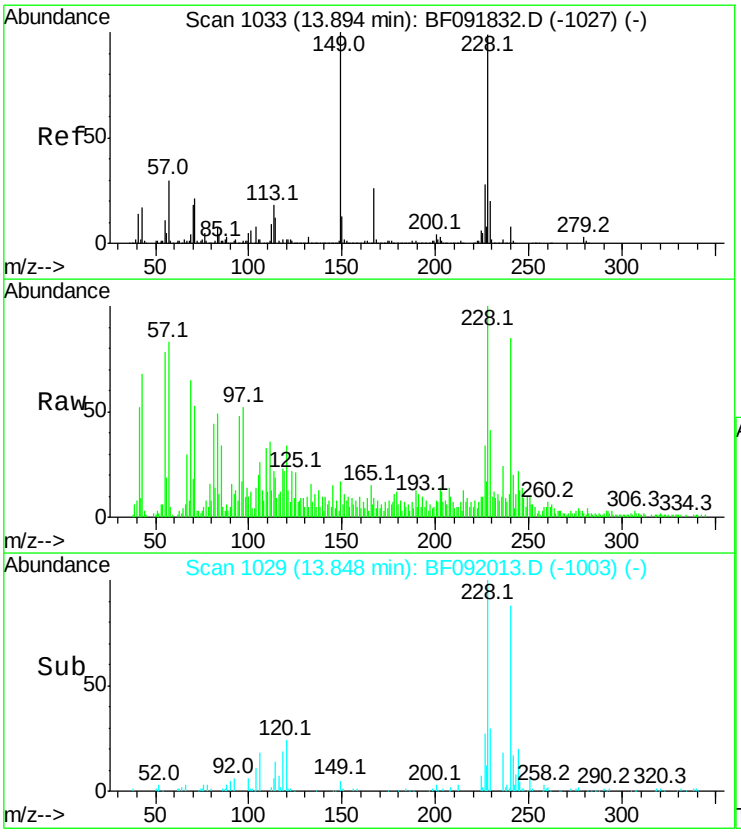
#78
Terphenyl-d14
Concen: 50.33 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:244 Resp: 763863

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.6	11.4	17.2

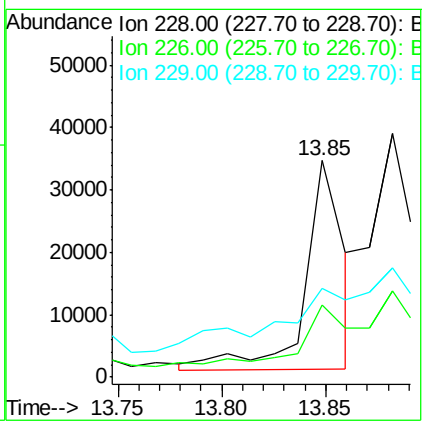


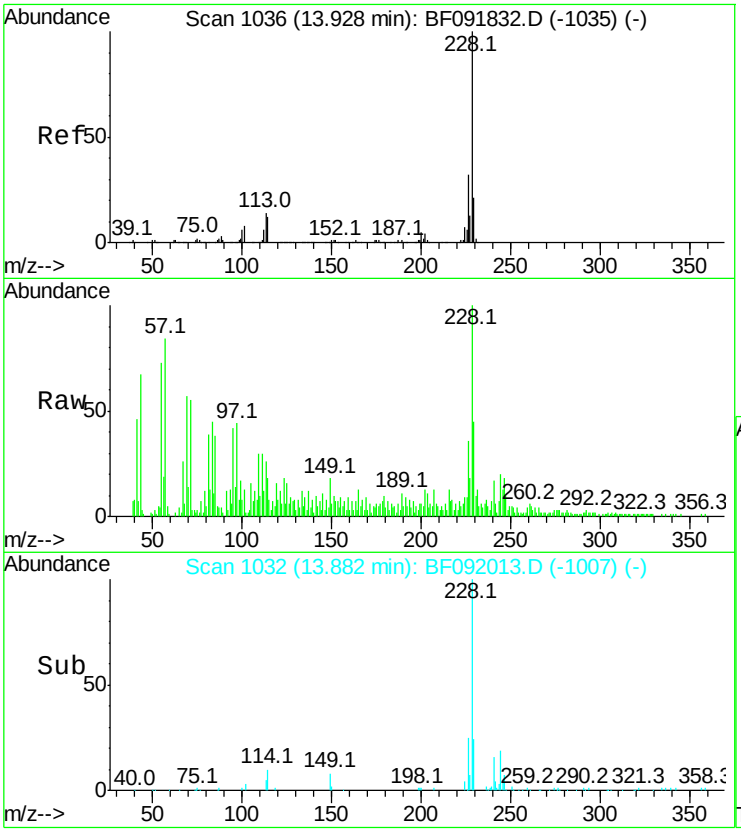


#80
Benzo(a)anthracene
Concen: 2.15 ng m
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:228 Resp: 44698

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.4	33.6#
229	40.8	16.2	24.4#



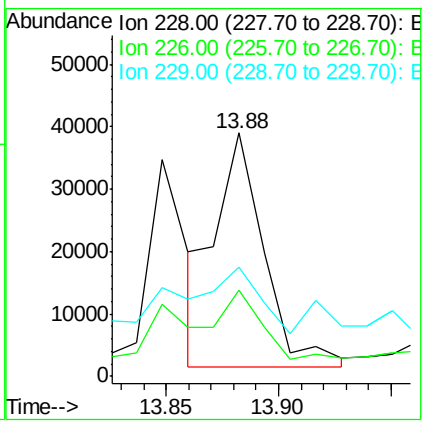


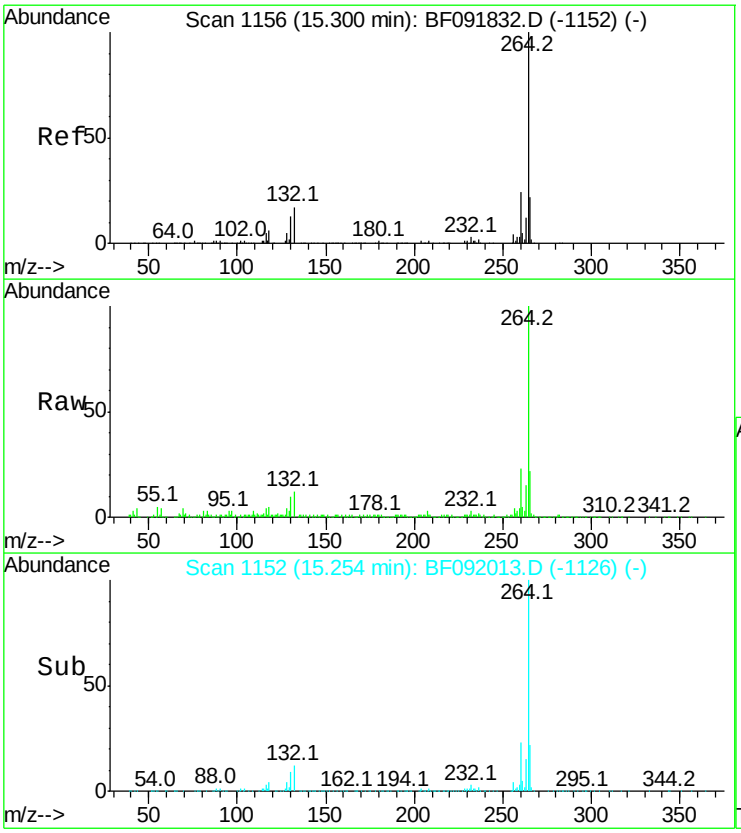
#82
Chrysene
Concen: 2.71 ng m
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

Tgt Ion:228 Resp: 56382

Ion	Ratio	Lower	Upper
228	100		
226	35.5	25.4	38.0
229	44.9	16.2	24.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:264 Resp: 399375

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.2	17.4	26.0