Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
Sample : H5192-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(11-13)

Quant Time: Oct 18 01:46:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	197731	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	735086	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	357213	20.00	ng	0.01
63) Phenanthrene-d10	11.46	188	562245	20.00	ng	0.01
75) Chrysene-d12	14.09	240	444177	20.00	ng	0.00
86) Perylene-d12	15.55	264	393861	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1063151	98.57	ng	0.00
7) Phenol-d6	6.54	99	1518185	94.73	ng	0.00
23) Nitrobenzene-d5	7.47	82	929523	70.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	238444	74.87	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	1394175	64.31	ng	0.01
78) Terphenyl-d14	13.04	244	1049253	55.00	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	319661	13.79	ng	# 89
51) Acenaphthene	9.99	154	176869	8.24	ng	# 88
57) Fluorene	10.52	166	337499	14.50	ng	# 91
70) Phenanthrene	11.48	178	953754	31.78	ng	97
74) Fluoranthene	12.66	202	102105	3.38	ng	83
77) Pyrene	12.89	202	162696	5.53	ng	# 95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090622.D
Acq On : 17 Oct 2016 21:57
Operator : UM/SJ
Sample : H5192-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Quant Time: Oct 18 01:46:38 2016
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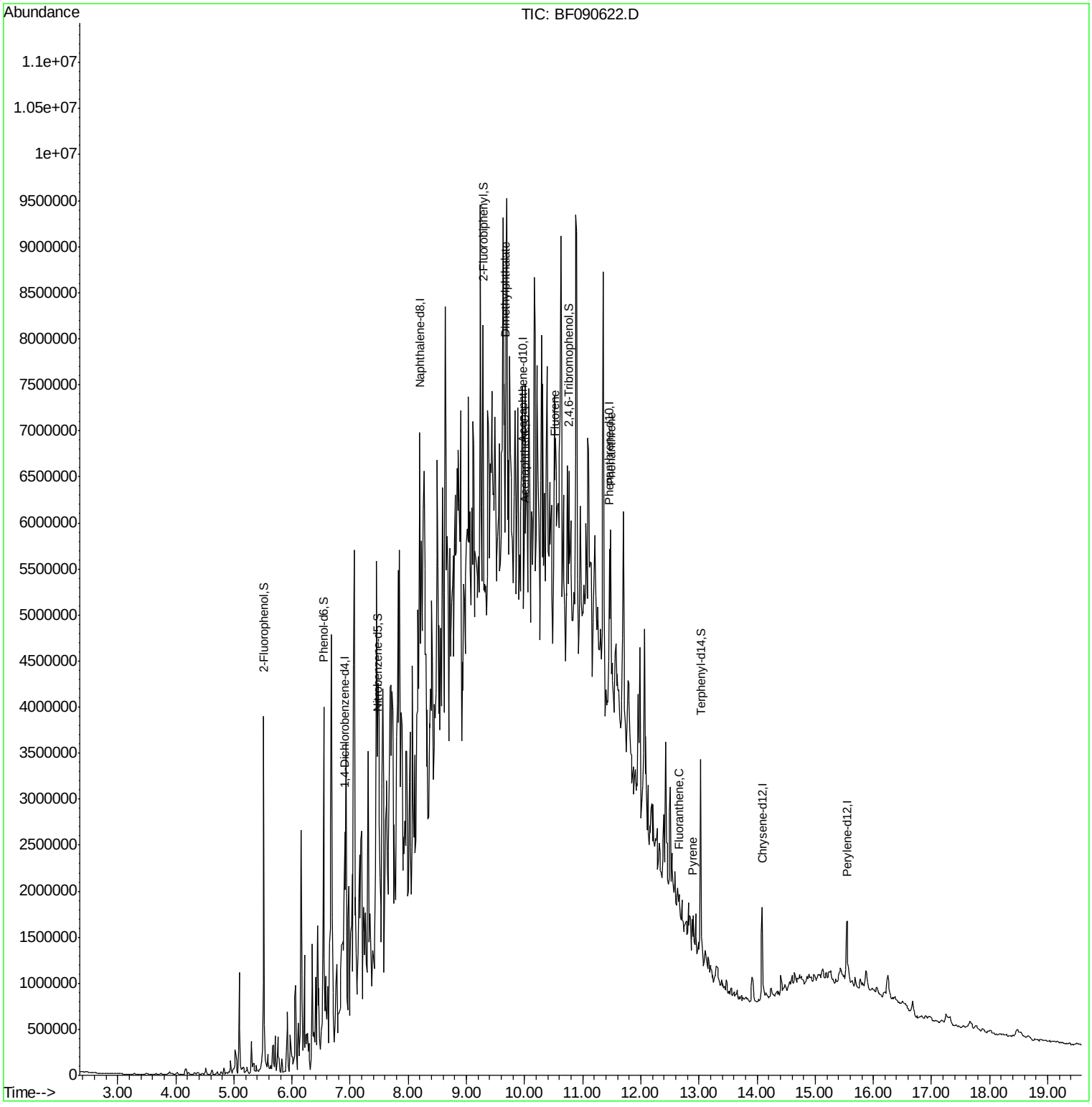
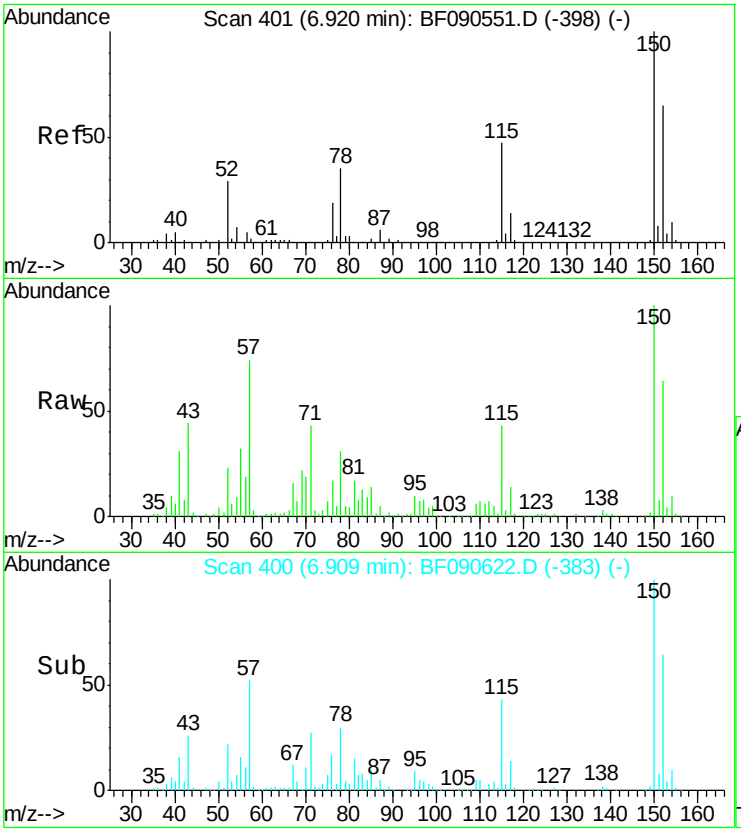


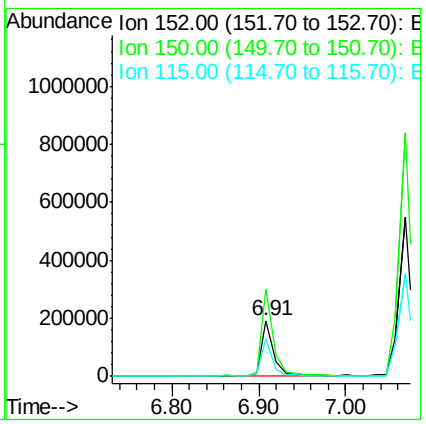


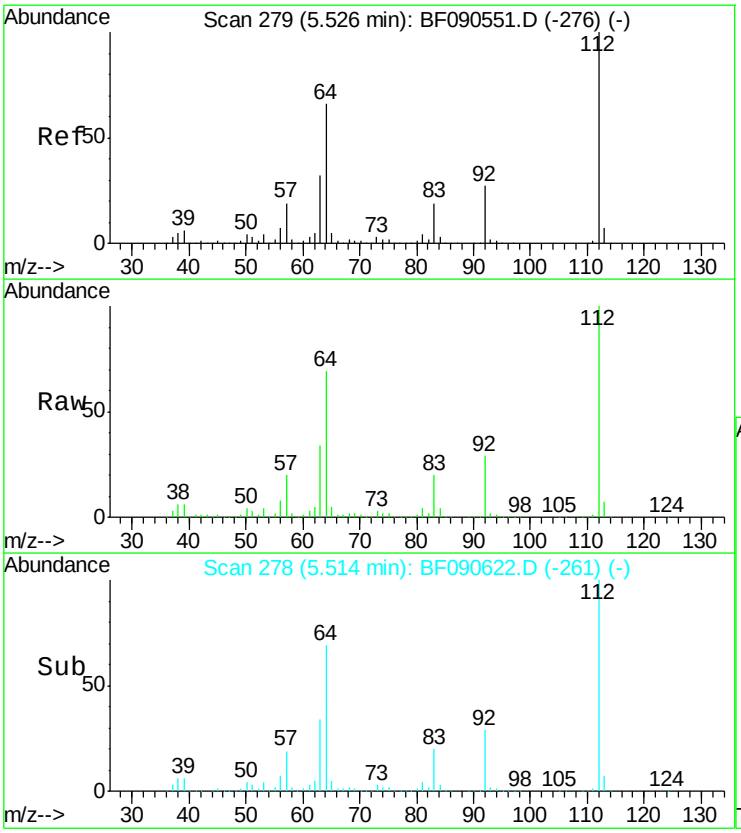
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:152 Resp: 197731

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.2	190.8
115	67.7	58.6	88.0

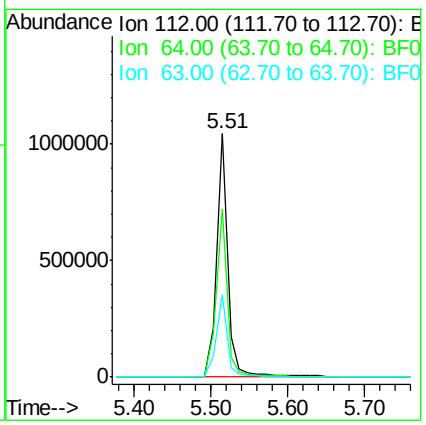


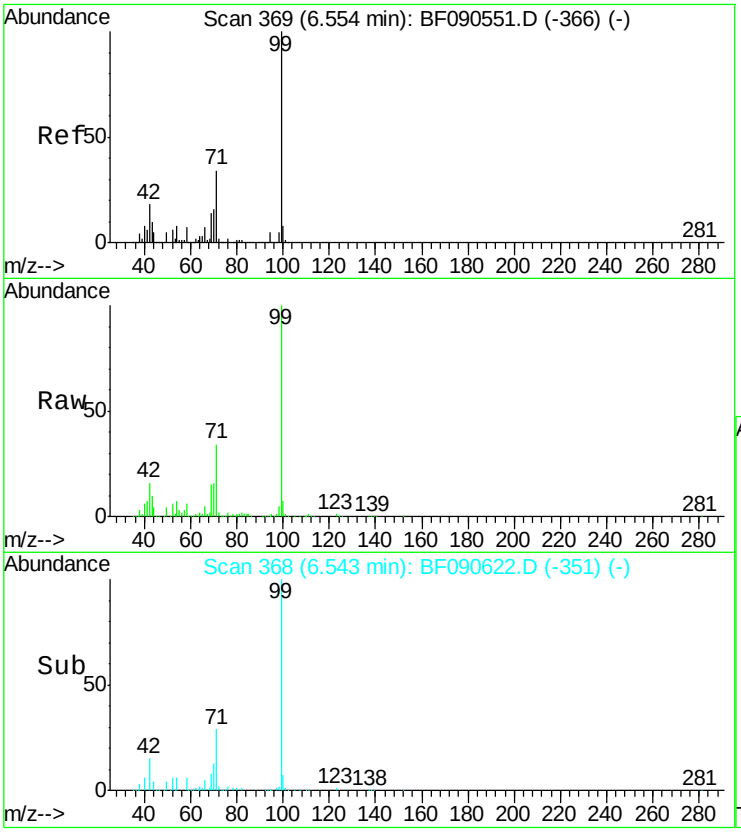


#5
2-Fluorophenol
Concen: 98.57 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:112 Resp: 1063151

Ion	Ratio	Lower	Upper
112	100		
64	69.0	52.6	78.8
63	33.7	26.0	39.0



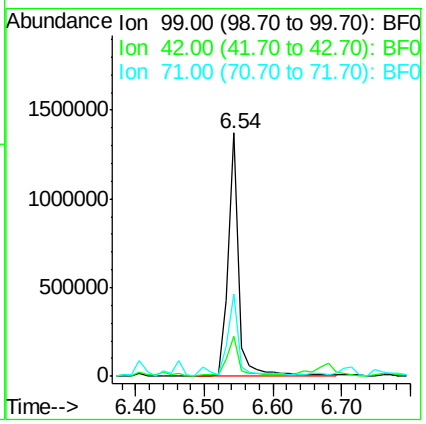


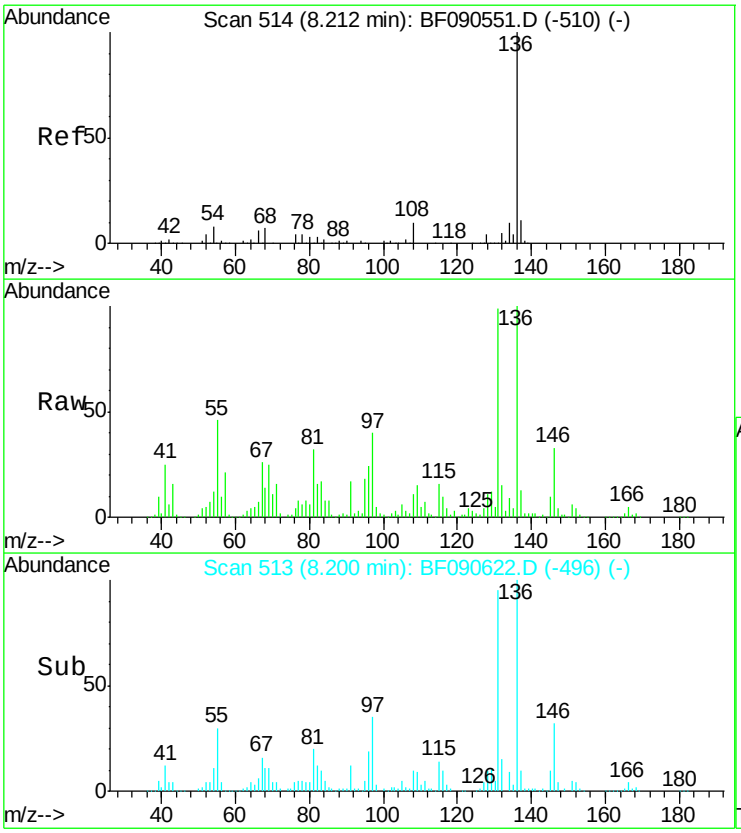
#7
Phenol-d6
Concen: 94.73 ng
RT: 6.54 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion: 99 Resp: 1518185

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.7	22.1
71	33.6	27.6	41.4

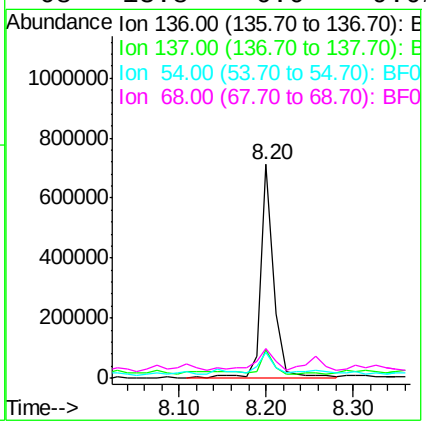


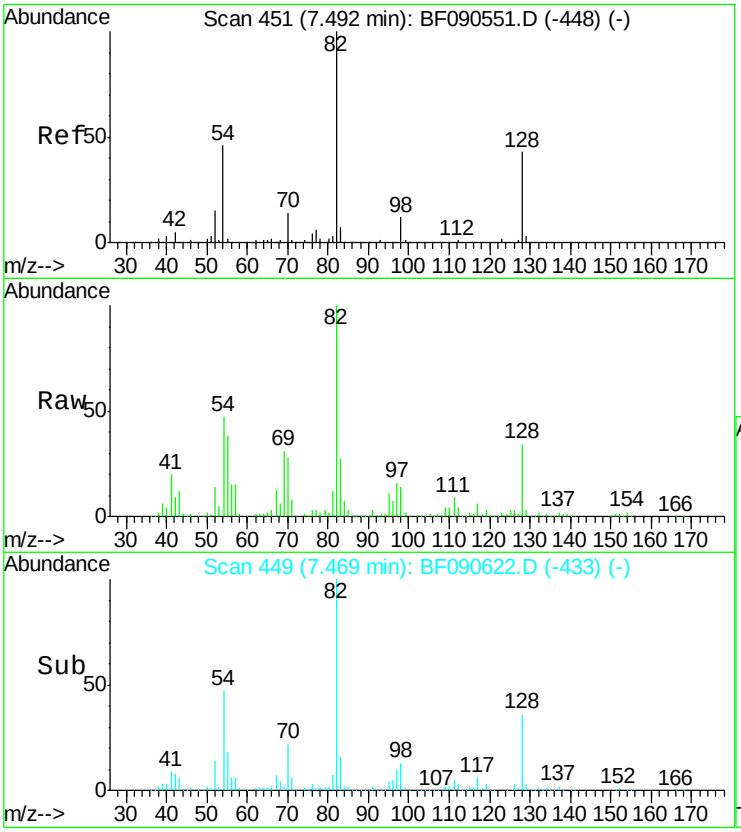


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:136 Resp: 735086

Ion	Ratio	Lower	Upper
136	100		
137	13.3	8.8	13.2#
54	11.9	6.8	10.2#
68	13.8	6.0	9.0#



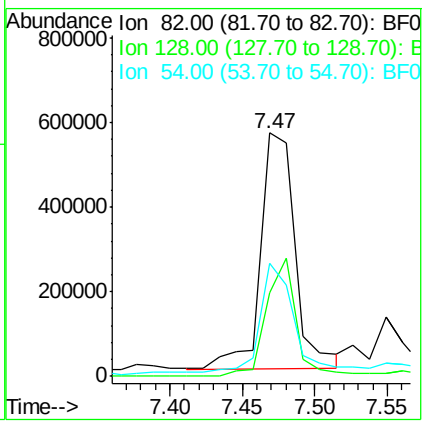


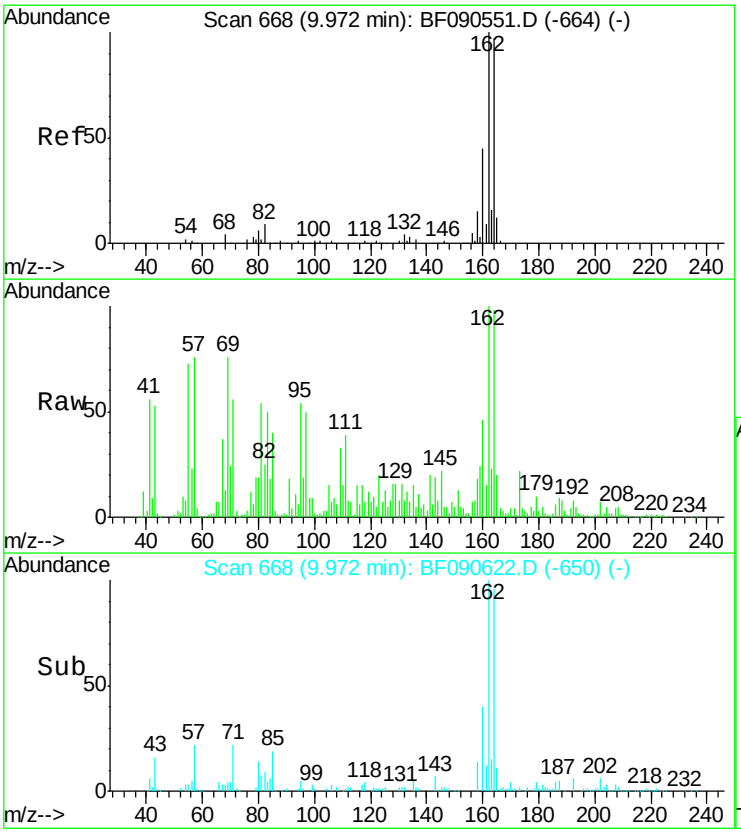
#23
Nitrobenzene-d5
Concen: 70.24 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion: 82 Resp: 929523

Ion	Ratio	Lower	Upper
82	100		
128	34.5	34.3	51.5
54	46.7	37.0	55.6

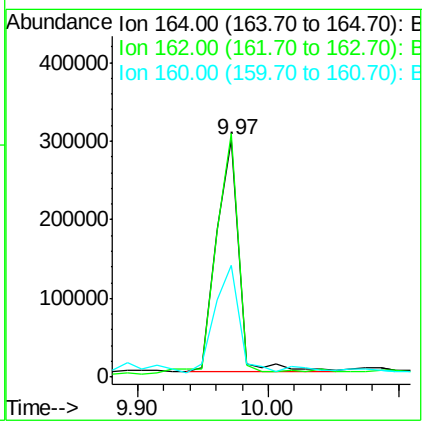


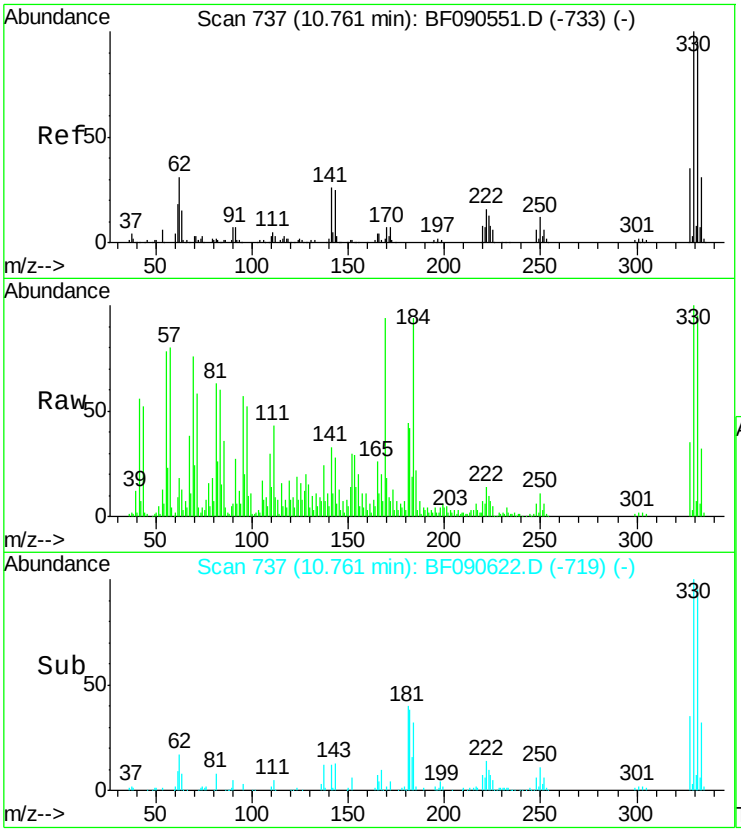


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:164 Resp: 357213

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.4
160	47.2	36.6	55.0



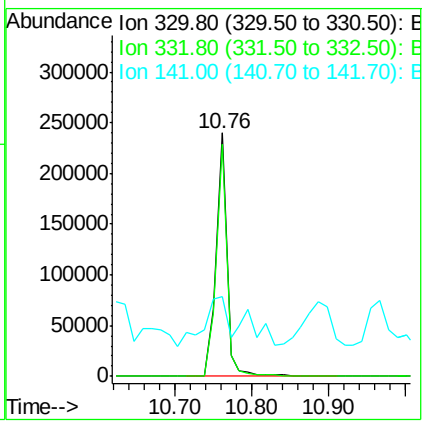


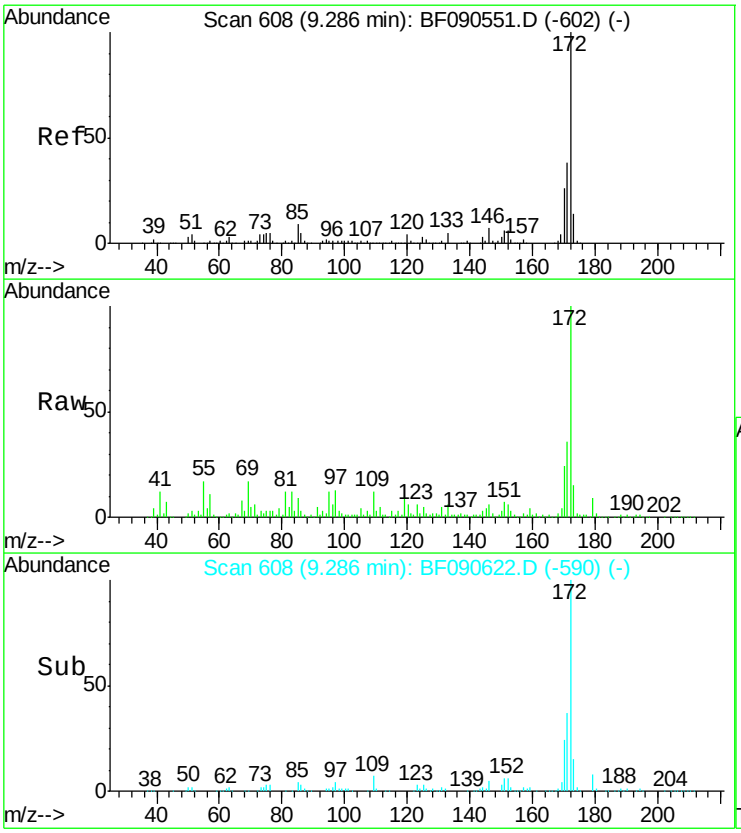
#41
2,4,6-Tribromophenol
Concen: 74.87 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:330 Resp: 238444

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.2
141	46.8	31.4	47.2

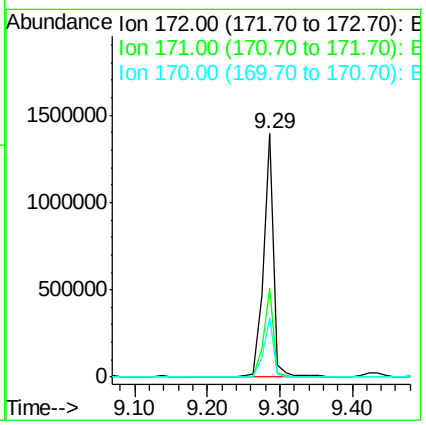


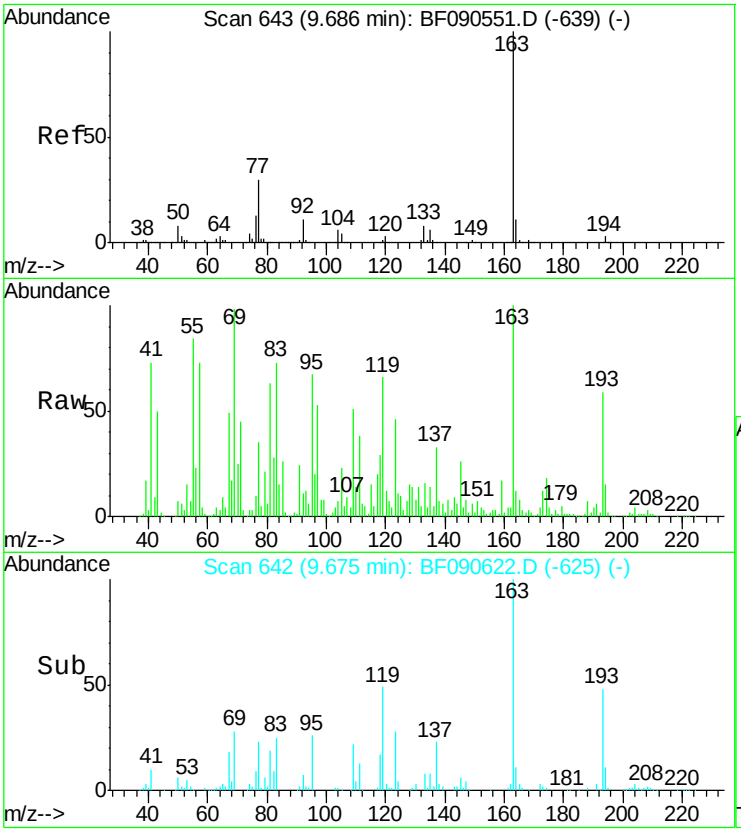


#44
2-Fluorobiphenyl
Concen: 64.31 ng
RT: 9.29 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:172 Resp: 1394175

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.1	45.1
170	24.4	20.6	30.8



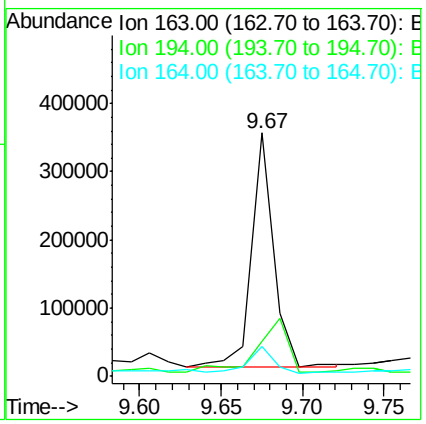


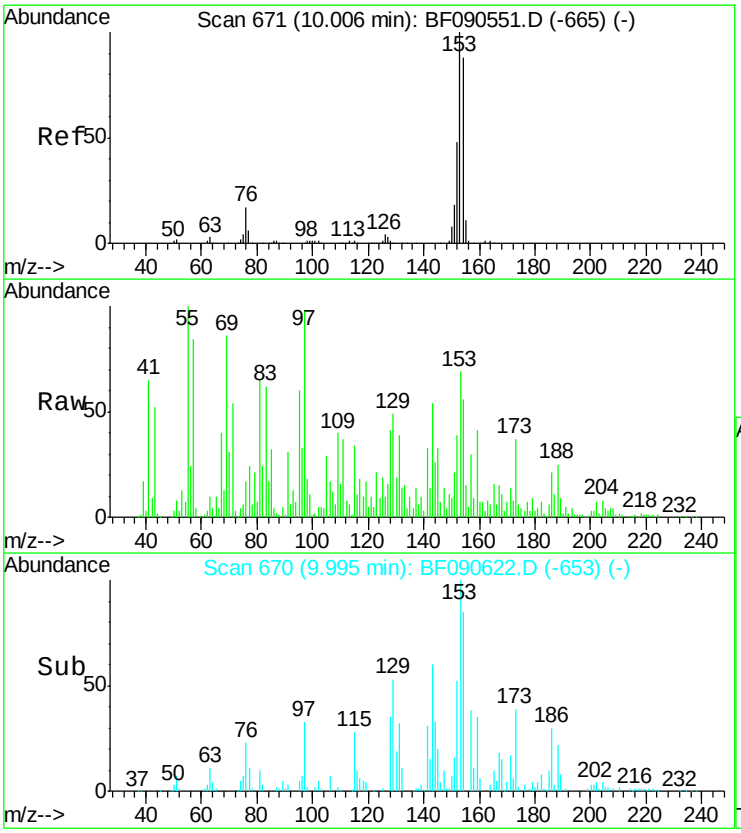
#49
Dimethylphthalate
Concen: 13.79 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:163 Resp: 319661

Ion	Ratio	Lower	Upper
163	100		
194	14.6	2.3	3.5#
164	12.3	8.6	13.0

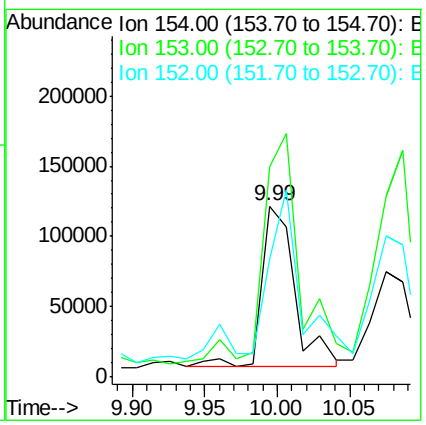


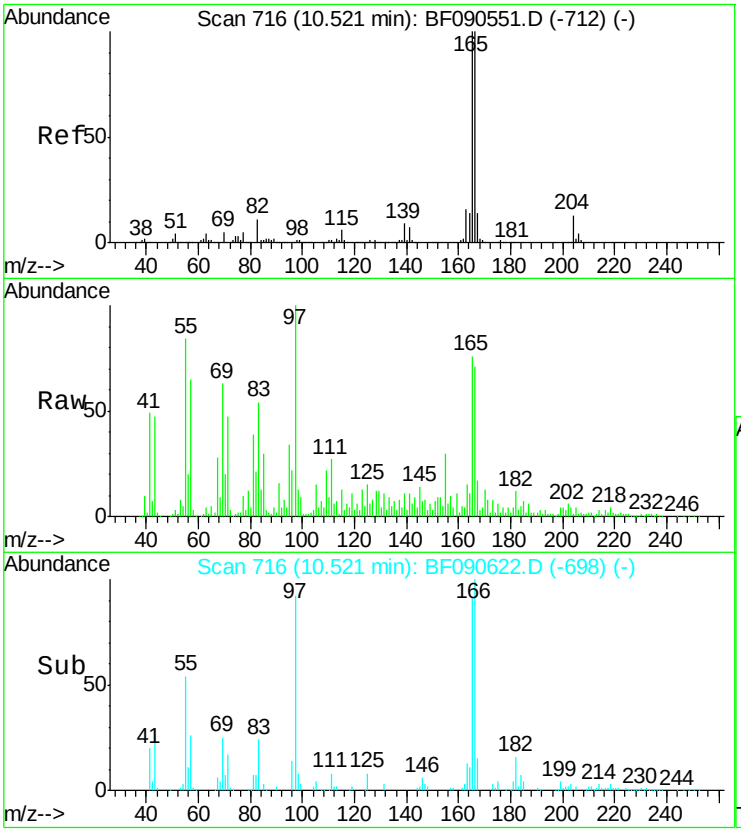


#51
Acenaphthene
Concen: 8.24 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:154 Resp: 176869

Ion	Ratio	Lower	Upper
154	100		
153	122.7	91.2	136.8
152	69.0	44.0	66.0#



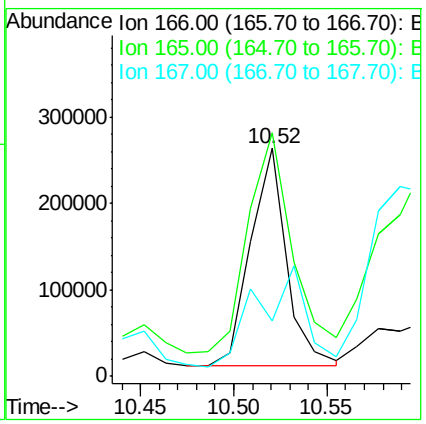


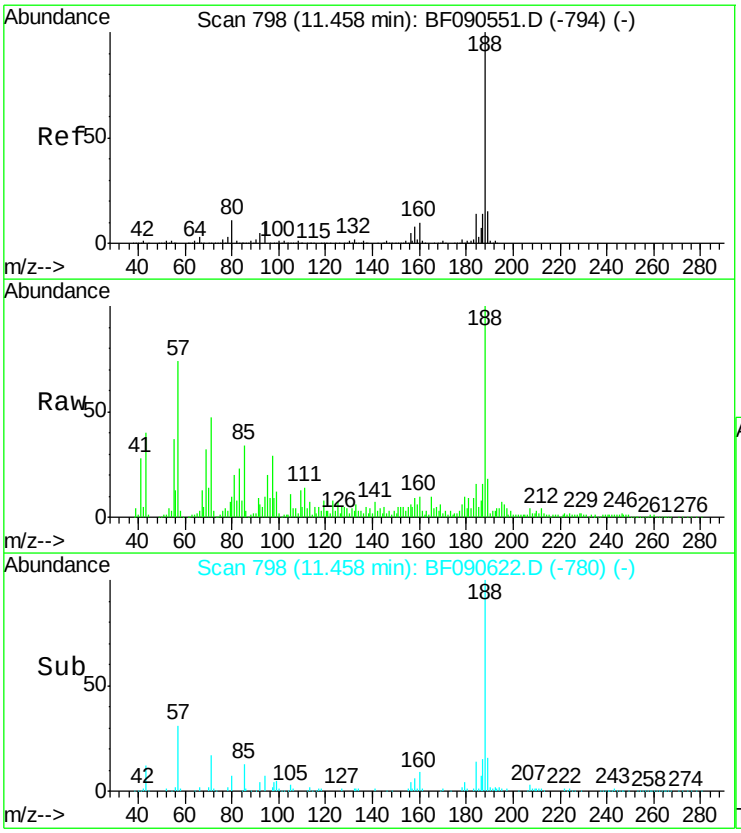
#57
Fluorene
Concen: 14.50 ng
RT: 10.52 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:166 Resp: 337499

Ion	Ratio	Lower	Upper
166	100		
165	106.8	79.9	119.9
167	24.5	10.9	16.3#

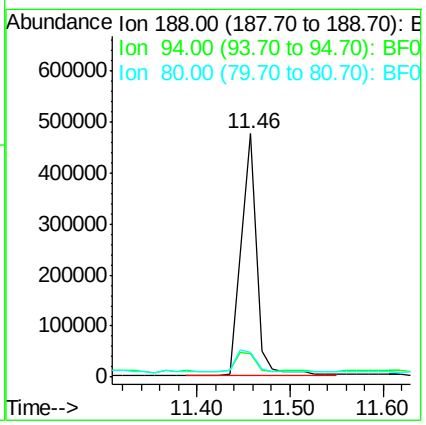


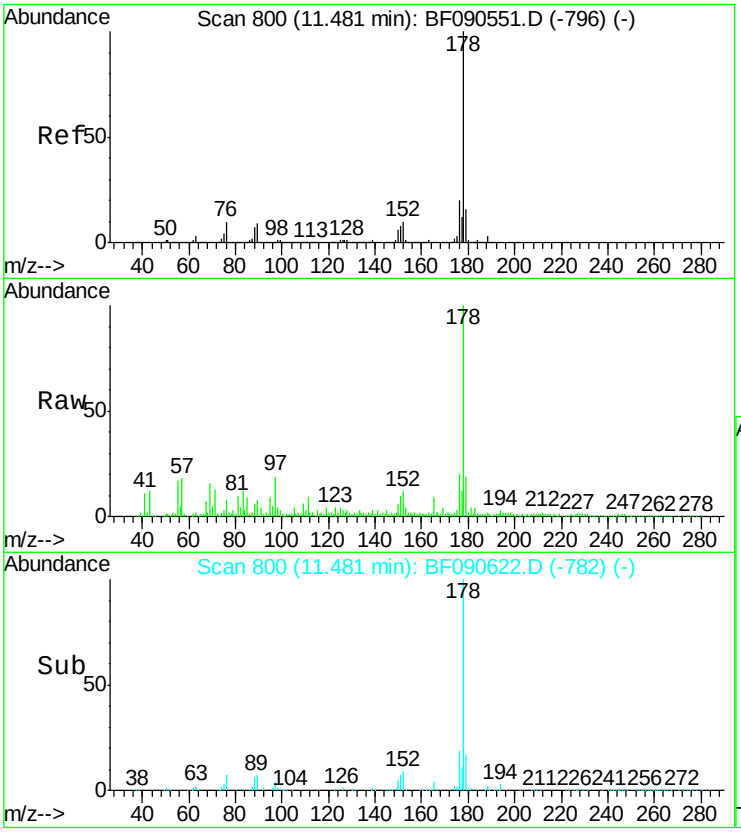


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:188 Resp: 562245

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.7	11.5
80	9.9	8.6	12.8



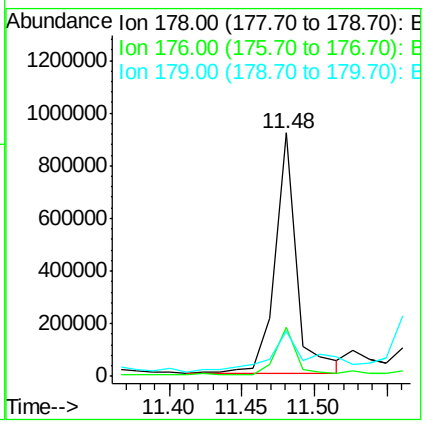


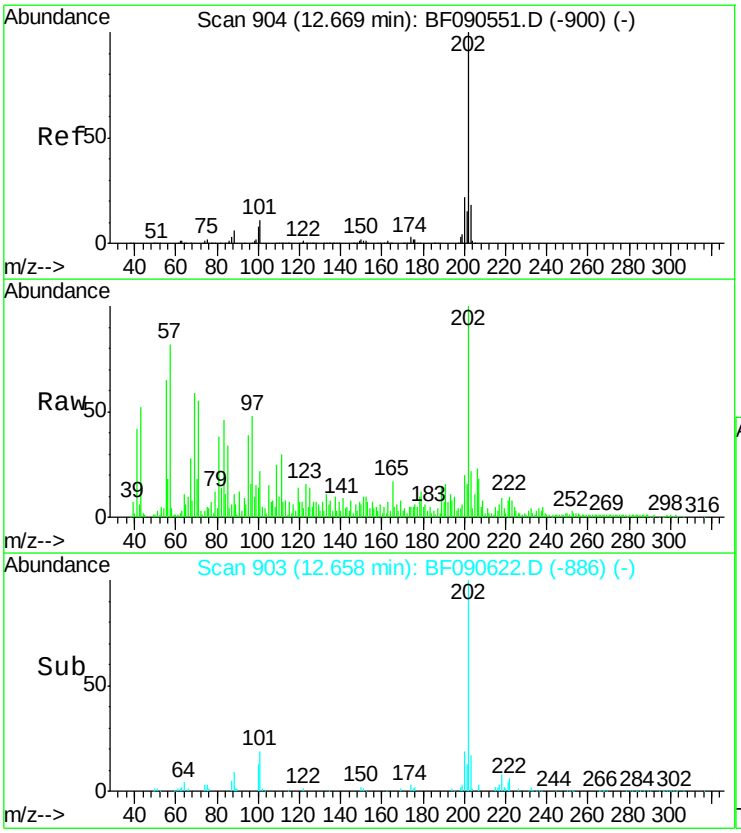
#70
Phenanthrene
Concen: 31.78 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:178 Resp: 953754

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.1	24.1
179	18.7	12.6	19.0

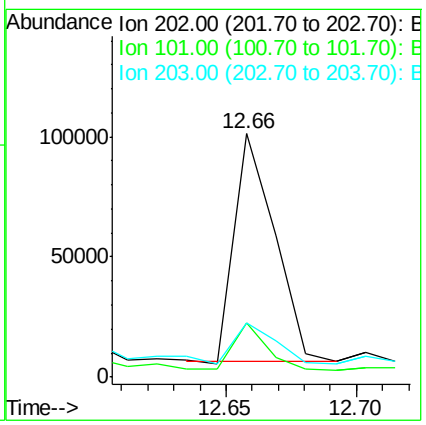


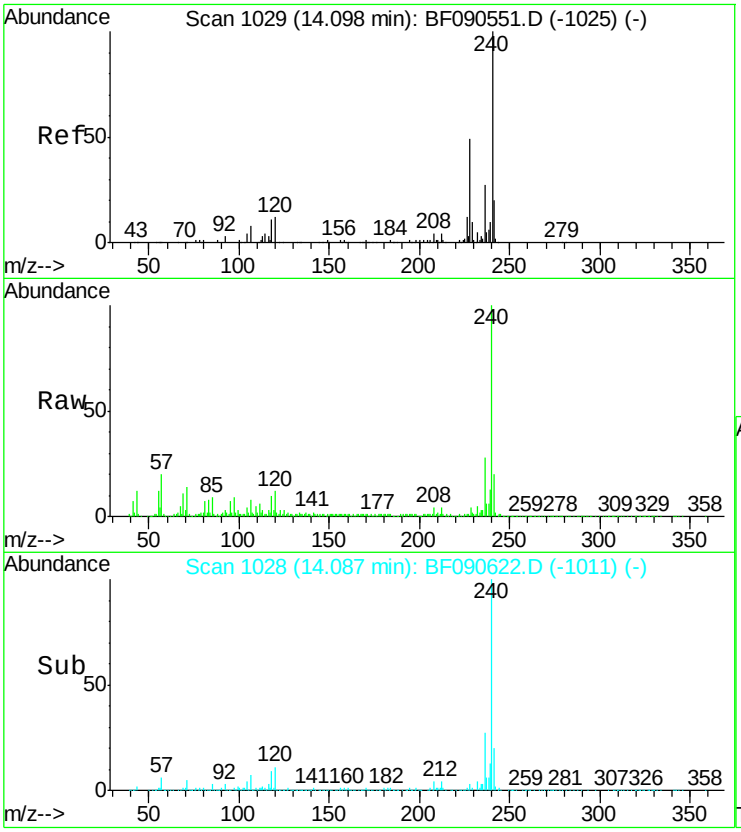


#74
Fluoranthene
Concen: 3.38 ng
RT: 12.66 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:202 Resp: 102105

Ion	Ratio	Lower	Upper
202	100		
101	22.4	0.0	31.1
203	22.1	0.0	38.0



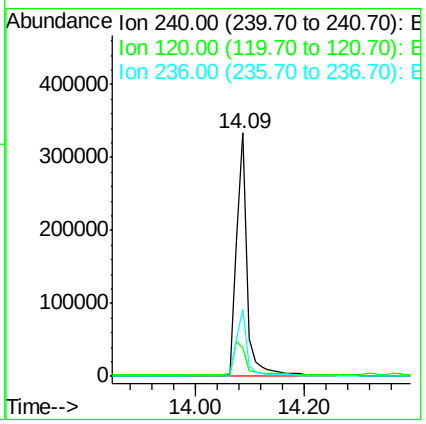


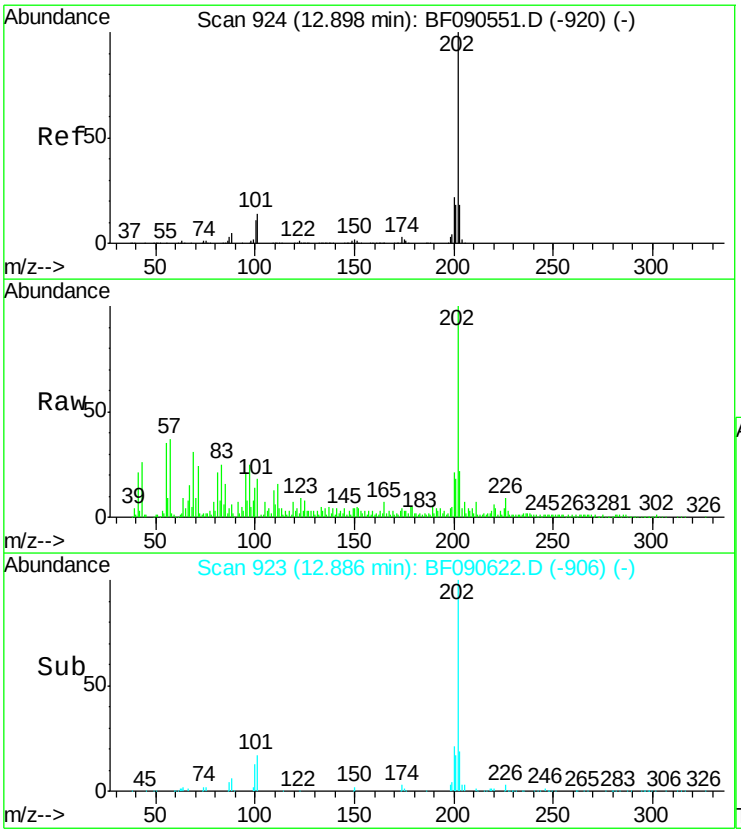
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:240 Resp: 444177

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.8	14.8
236	27.5	21.7	32.5

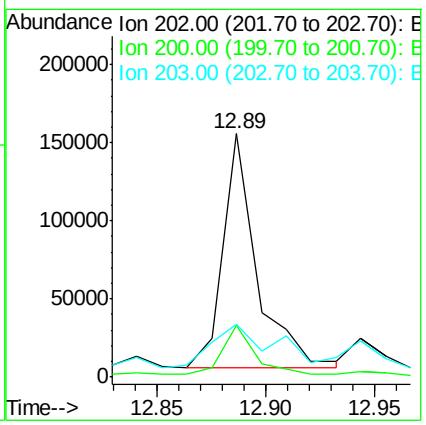


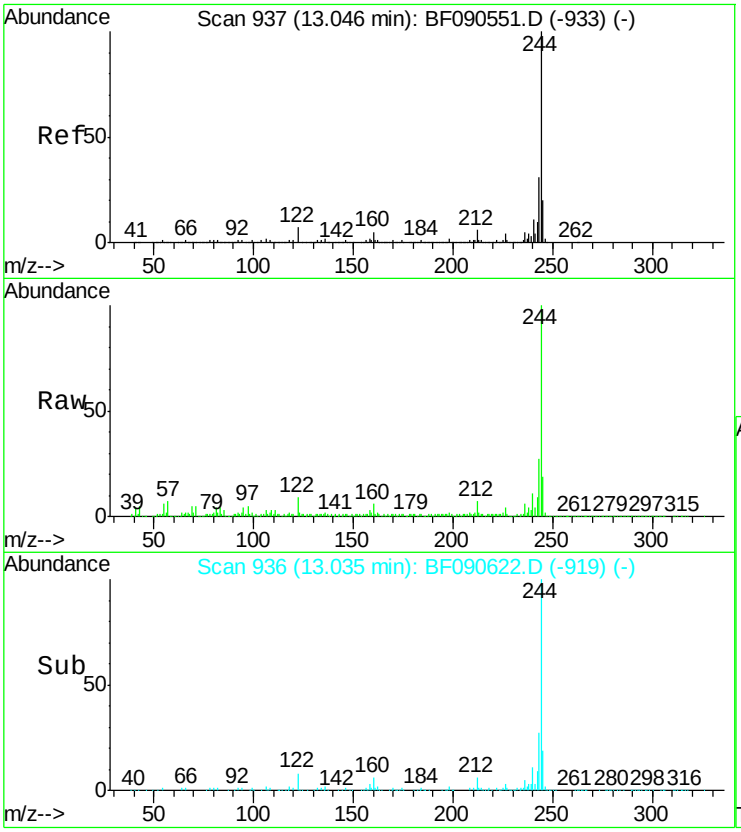


#77
Pyrene
Concen: 5.53 ng
RT: 12.89 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:202 Resp: 162696

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	21.9	14.6	21.8#



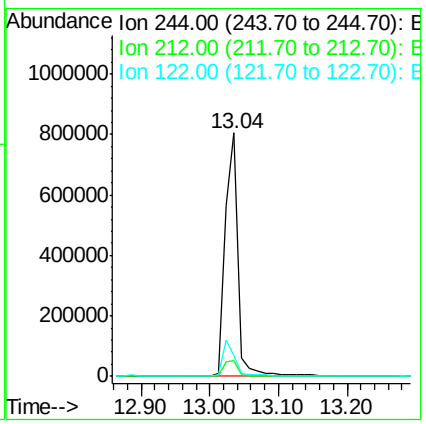


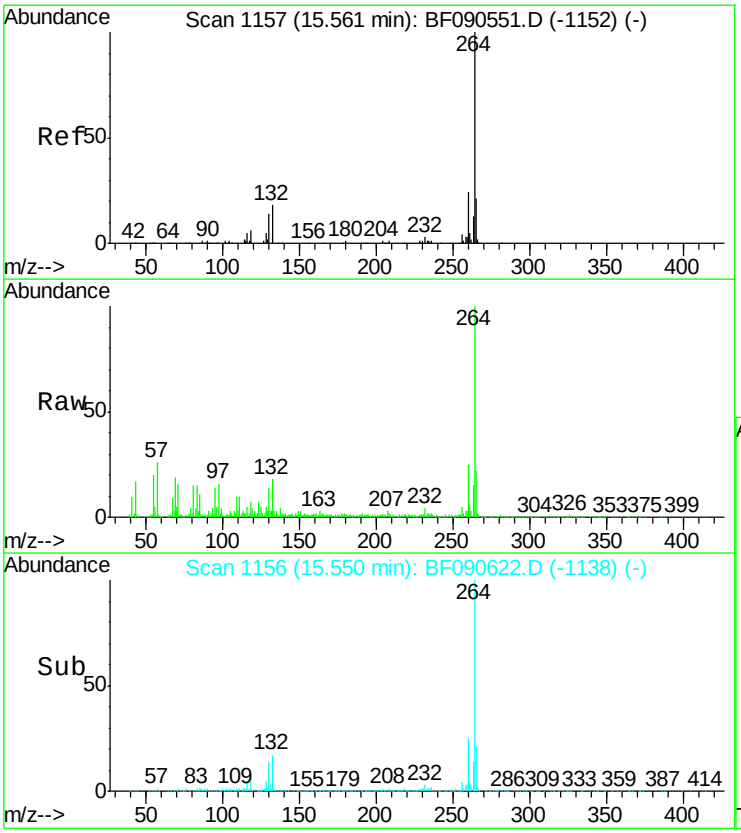
#78
Terphenyl-d14
Concen: 55.00 ng
RT: 13.04 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:244 Resp: 1049253

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	8.6	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:264 Resp: 393861

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.6	16.7	25.1