Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
Operator : SJ/MA
Sample : I2350-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-202-217-227-COMP

Quant Time: Mar 23 08:30:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	202106	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	798719	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	348427	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	574082	20.00	ng	0.00
75) Chrysene-d12	14.71	240	357636	20.00	ng	0.00
86) Perylene-d12	16.35	264	313215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1279328	106.91	ng	0.01
7) Phenol-d6	5.57	99	1625855	109.83	ng	0.00
23) Nitrobenzene-d5	6.63	82	1012394	72.34	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	290793	105.62	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1623562	71.07	ng	0.00
78) Terphenyl-d14	13.44	244	1072032	67.19	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.58	94	67582	4.01	ng	94
31) Naphthalene	7.52	128	296644	7.72	ng	98
49) Dimethylphthalate	9.30	163	181682	7.34	ng	98
51) Acenaphthene	9.67	154	192852	9.04	ng	97
54) Dibenzofuran	9.89	168	192382	6.62	ng	96
57) Fluorene	10.30	166	247858	10.29	ng	100
70) Phenanthrene	11.49	178	1655696	51.85	ng	99
71) Anthracene	11.55	178	570360	17.35	ng	98
72) Carbazole	11.74	167	299644	8.89	ng	98
74) Fluoranthene	12.96	202	1522742	46.57	ng	99
77) Pyrene	13.23	202	1236385	47.64	ng	98
80) Benzo(a)anthracene	14.70	228	463072	22.20	ng	99
82) Chrysene	14.74	228	416591	21.53	ng	97
85) Indeno(1,2,3-cd)pyrene	17.73	276	214513	12.80	ng	95
87) Benzo(b)fluoranthene	15.93	252	461806m	24.05	ng	
88) Benzo(k)fluoranthene	15.96	252	153711m	8.18	ng	
89) Benzo(a)pyrene	16.29	252	364159	20.60	ng	99
90) Dibenzo(a,h)anthracene	17.75	278	47054m	3.14	ng	
91) Benzo(g,h,i)perylene	18.14	276	201212	13.33	ng	98

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

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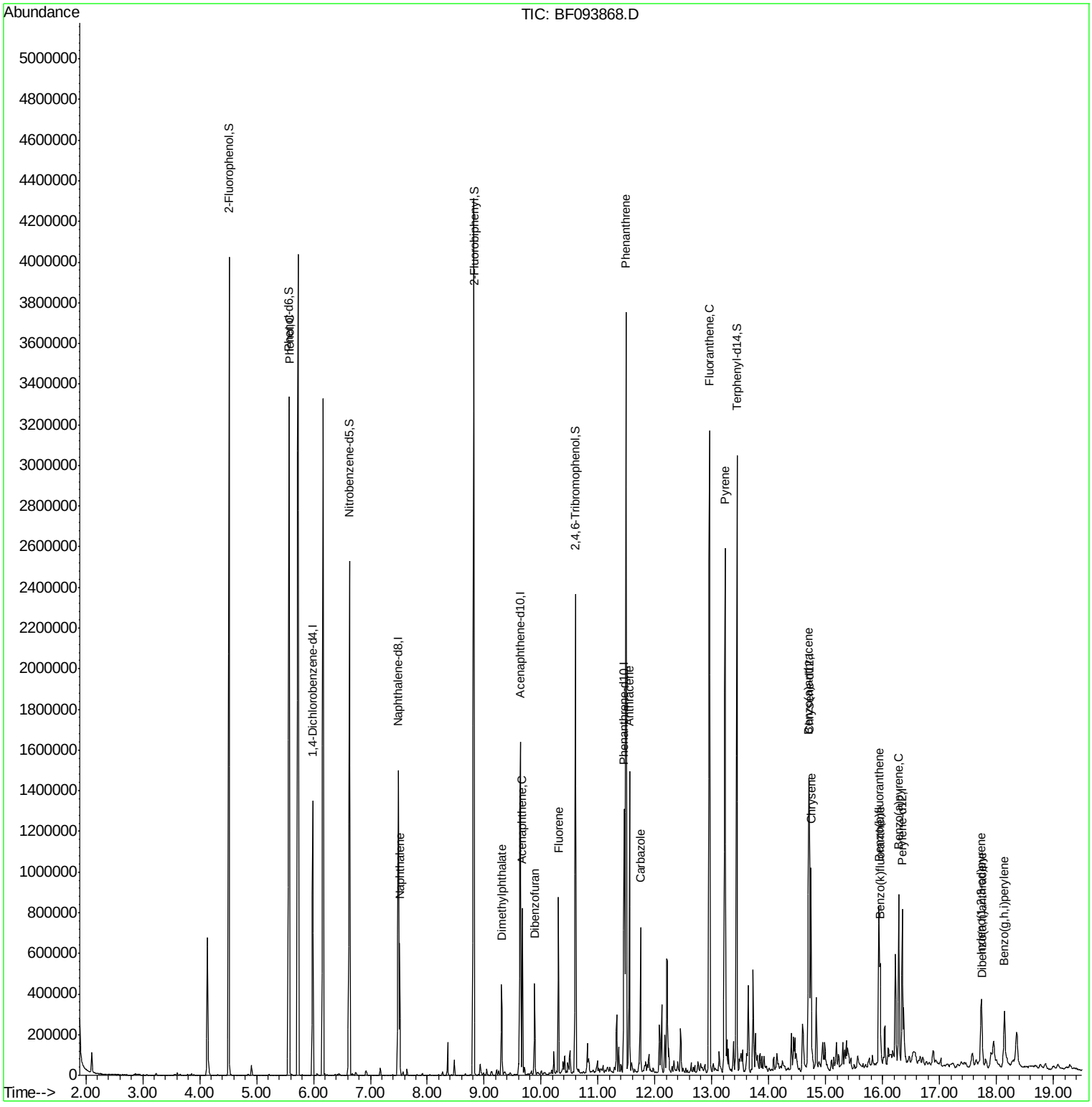
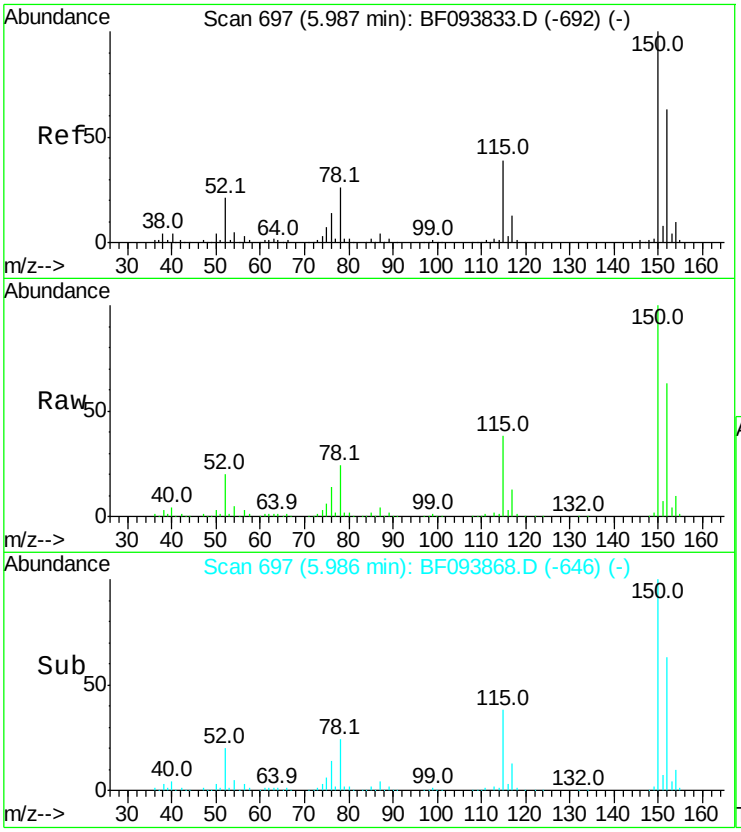


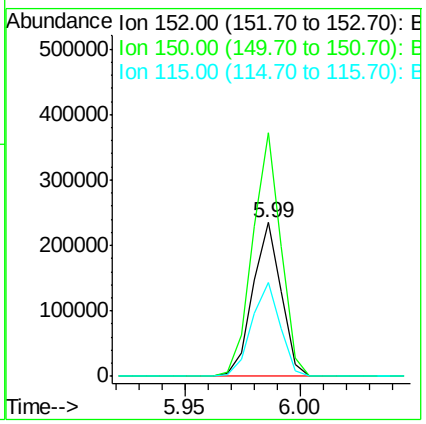


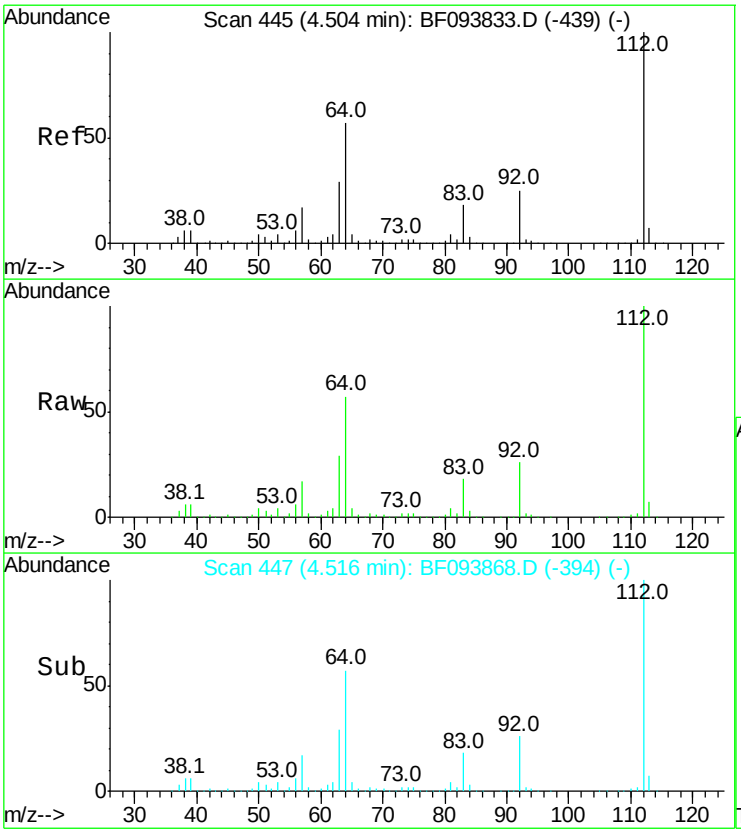
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:152 Resp: 202106

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	61.0	52.2	78.2

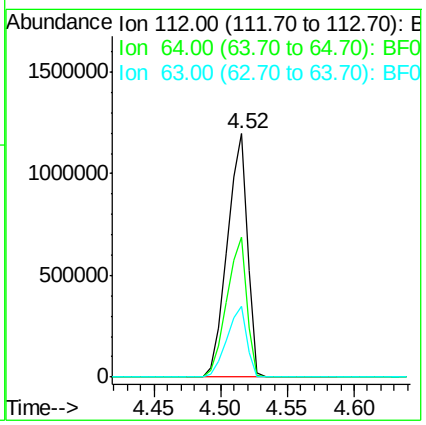


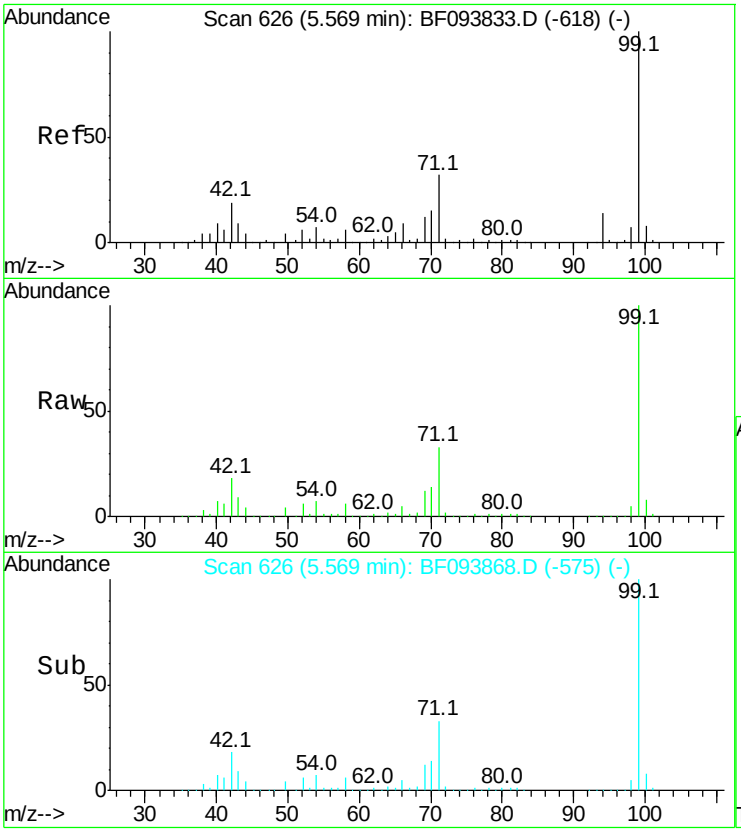


#5
2-Fluorophenol
Concen: 106.91 ng
RT: 4.52 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:112 Resp: 1279328

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.9	23.4	35.0



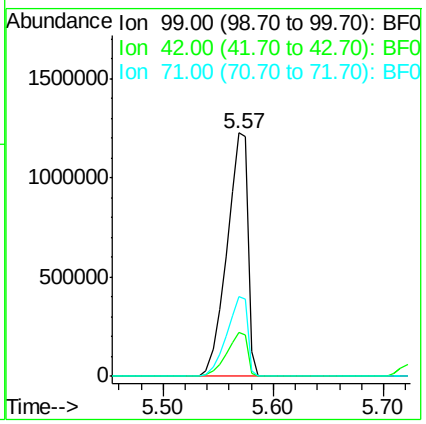


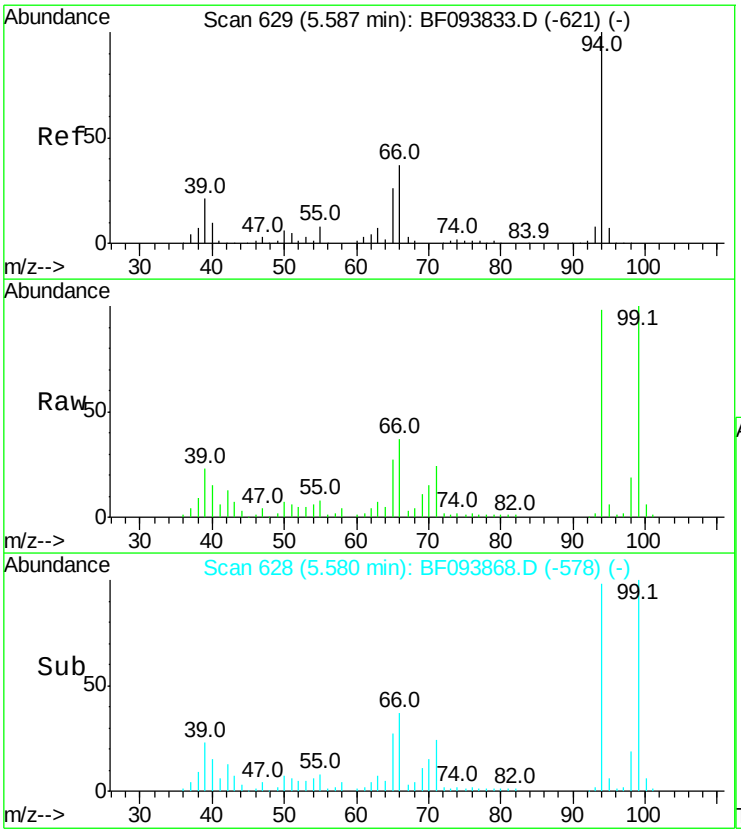
#7
Phenol-d6
Concen: 109.83 ng
RT: 5.57 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion: 99 Resp: 1625855

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	32.9	24.5	36.7

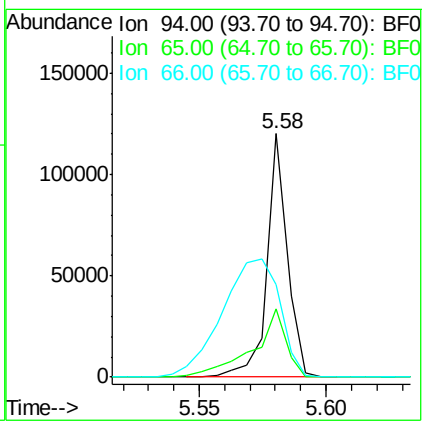


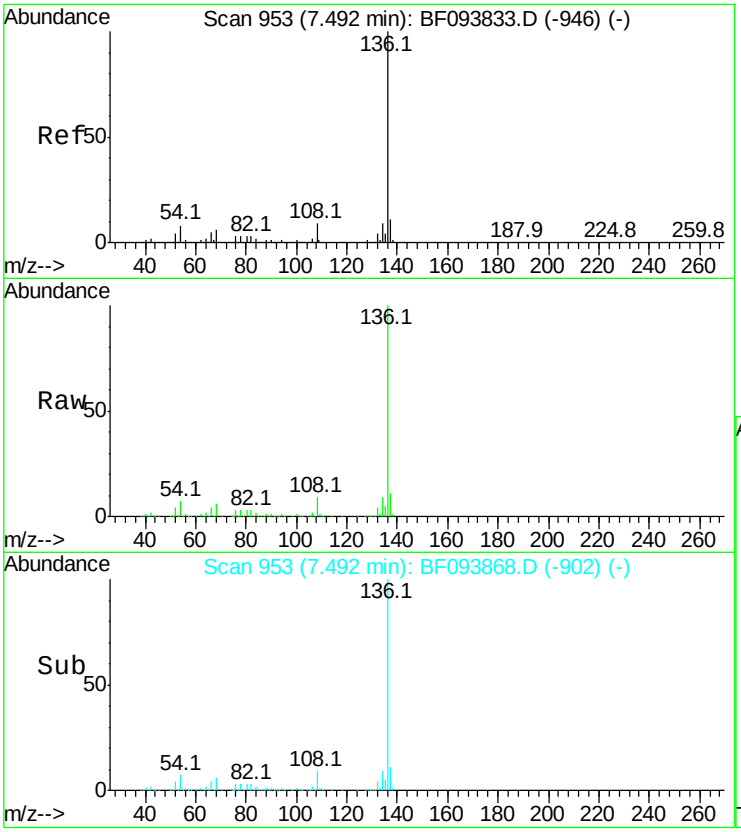


#10
Phenol
Concen: 4.01 ng
RT: 5.58 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion: 94 Resp: 67582

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.9	49.9
66	38.1	23.1	63.1



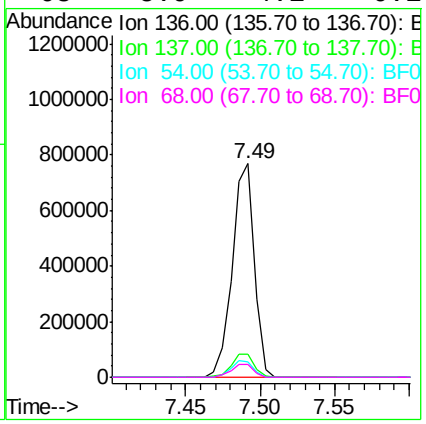


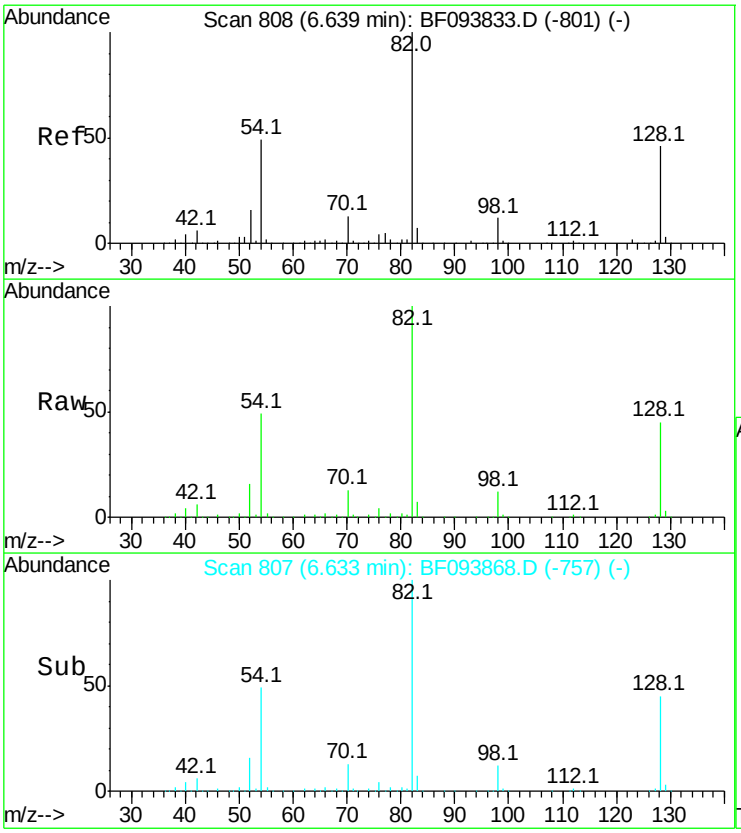
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:136 Resp: 798719

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.1	4.9	7.3
68	5.9	4.1	6.1

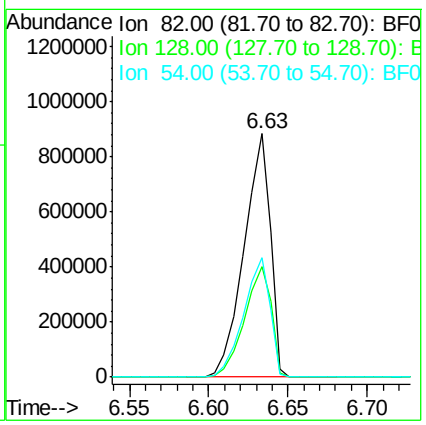


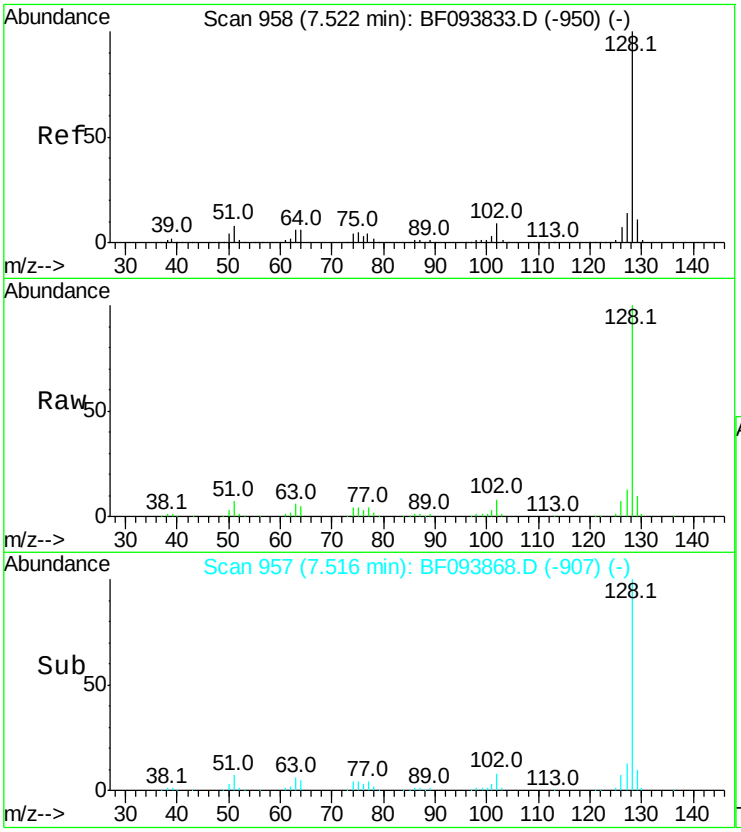


#23
Nitrobenzene-d5
Concen: 72.34 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion: 82 Resp: 1012394

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	49.1	42.2	63.2



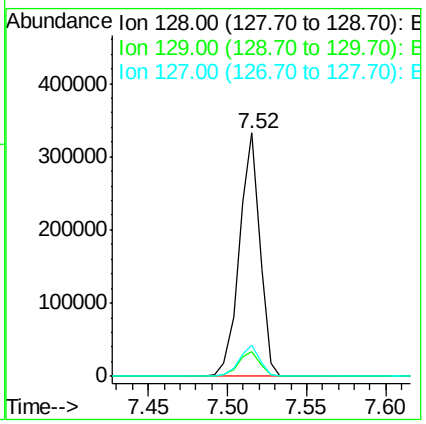


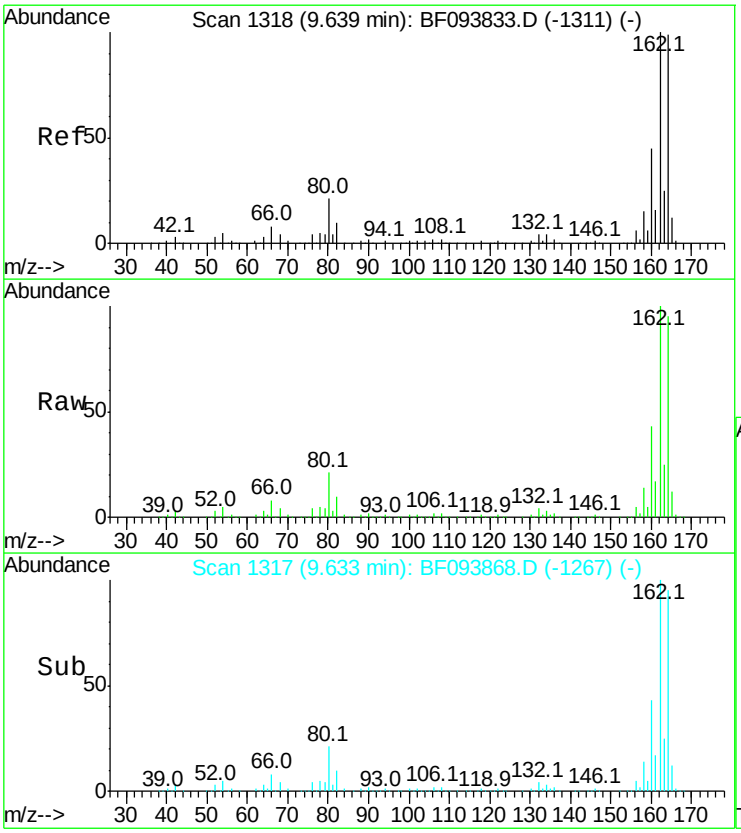
#31
Naphthalene
Concen: 7.72 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:128 Resp: 296644

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.6
127	12.9	10.8	16.2

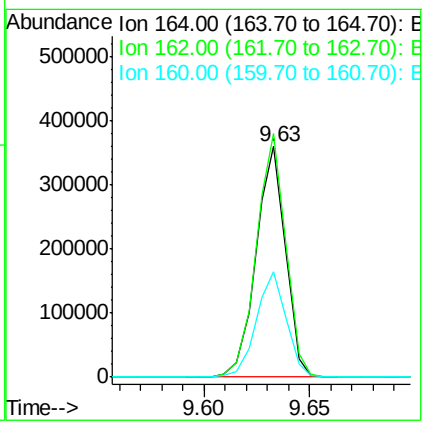


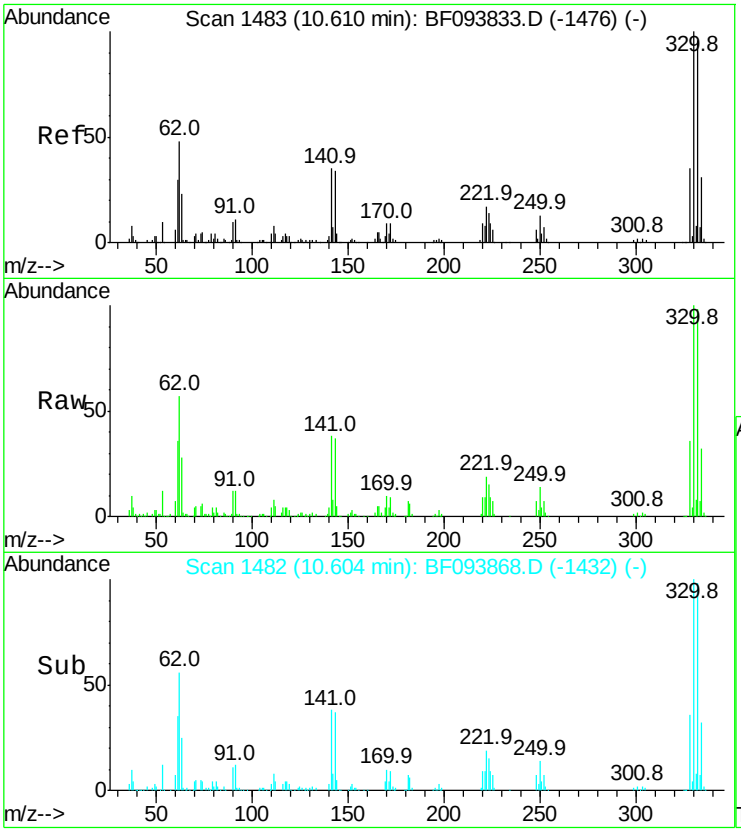


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:164 Resp: 348427

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	123.8
160	45.7	36.2	54.2



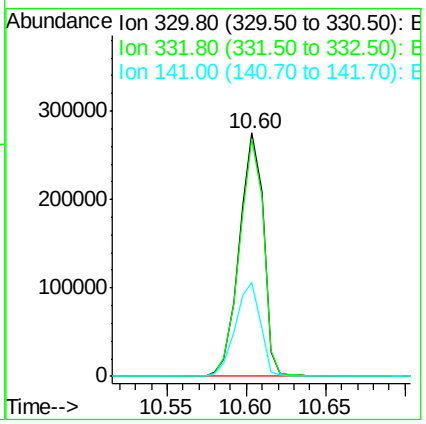


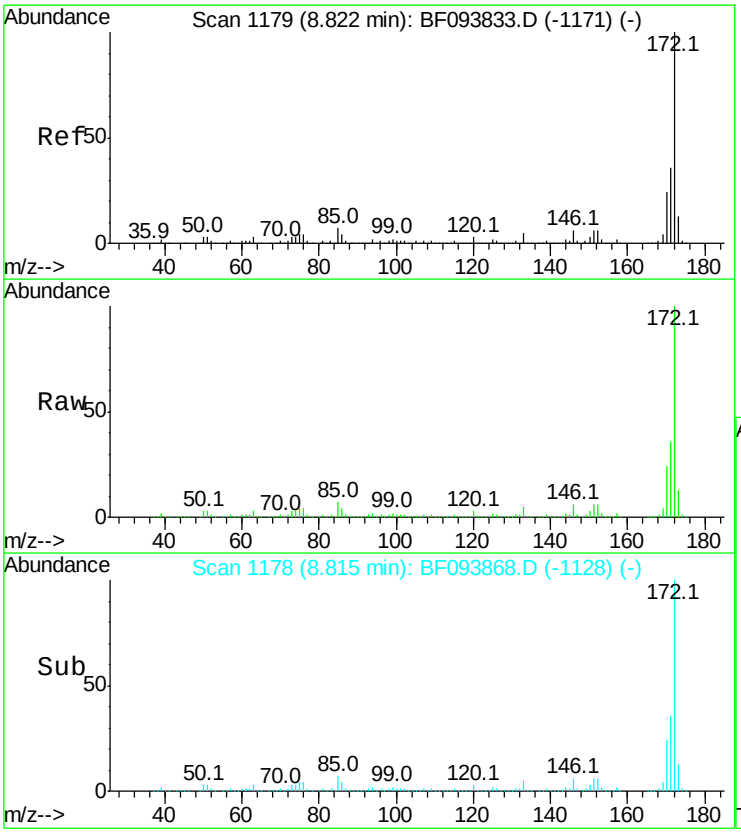
#41
2,4,6-Tribromophenol
Concen: 105.62 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:330 Resp: 290793

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	40.2	31.4	47.2

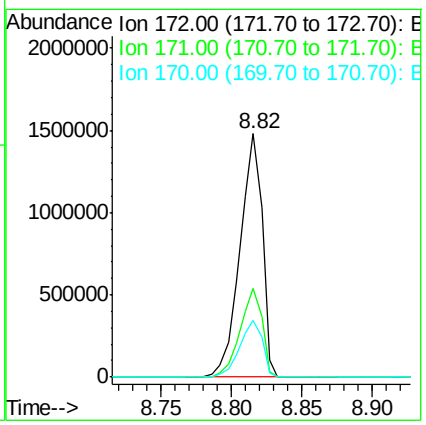


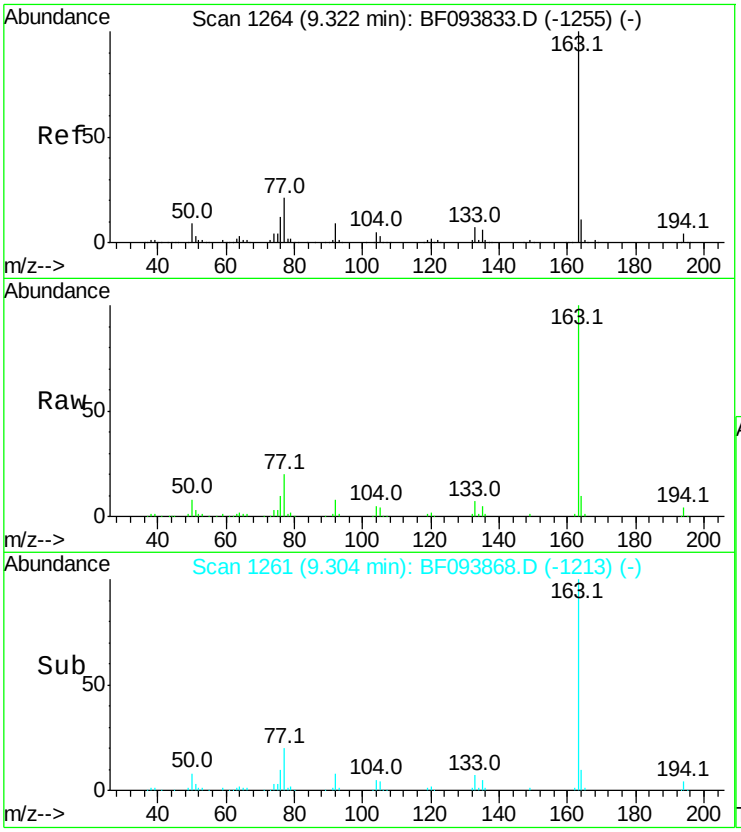


#44
2-Fluorobiphenyl
Concen: 71.07 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:172 Resp: 1623562

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8



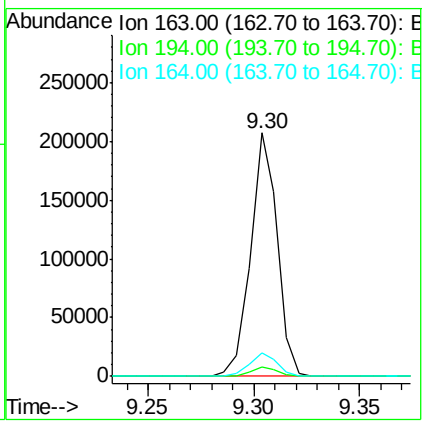


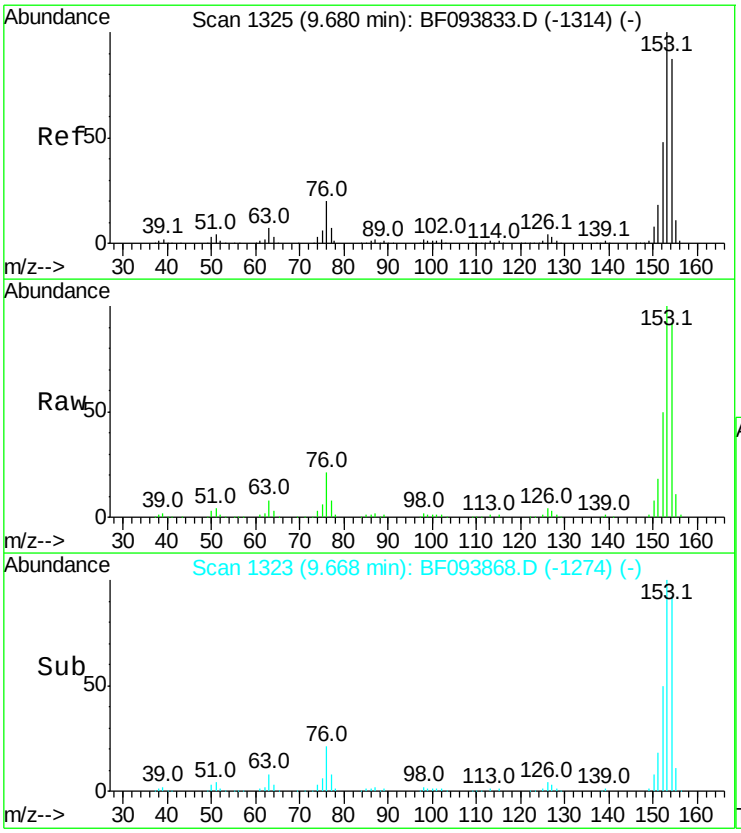
#49
Dimethylphthalate
Concen: 7.34 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:163 Resp: 181682

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.4	12.6

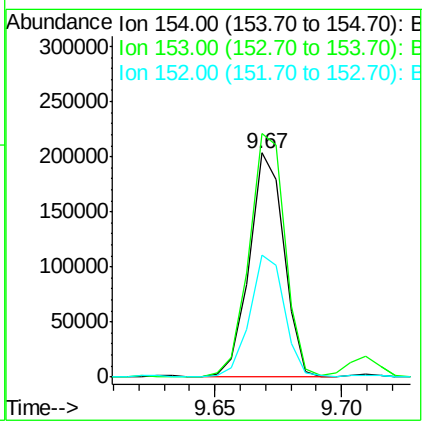


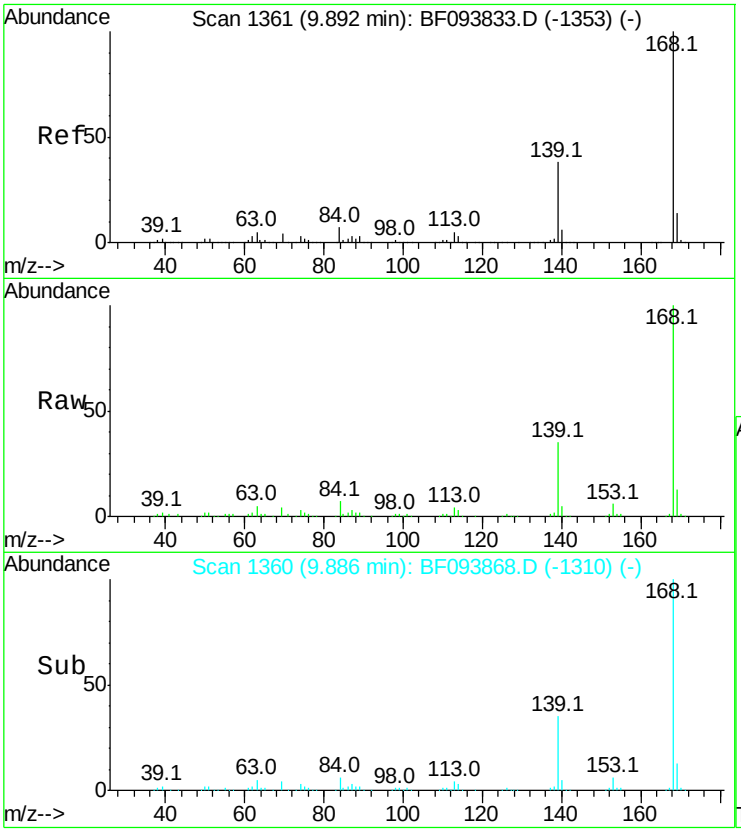


#51
Acenaphthene
Concen: 9.04 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:154 Resp: 192852

Ion	Ratio	Lower	Upper
154	100		
153	108.8	90.5	135.7
152	54.4	43.6	65.4



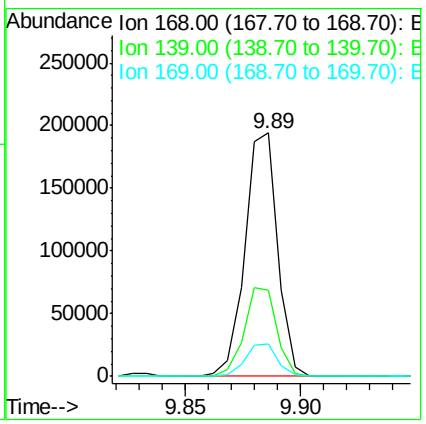


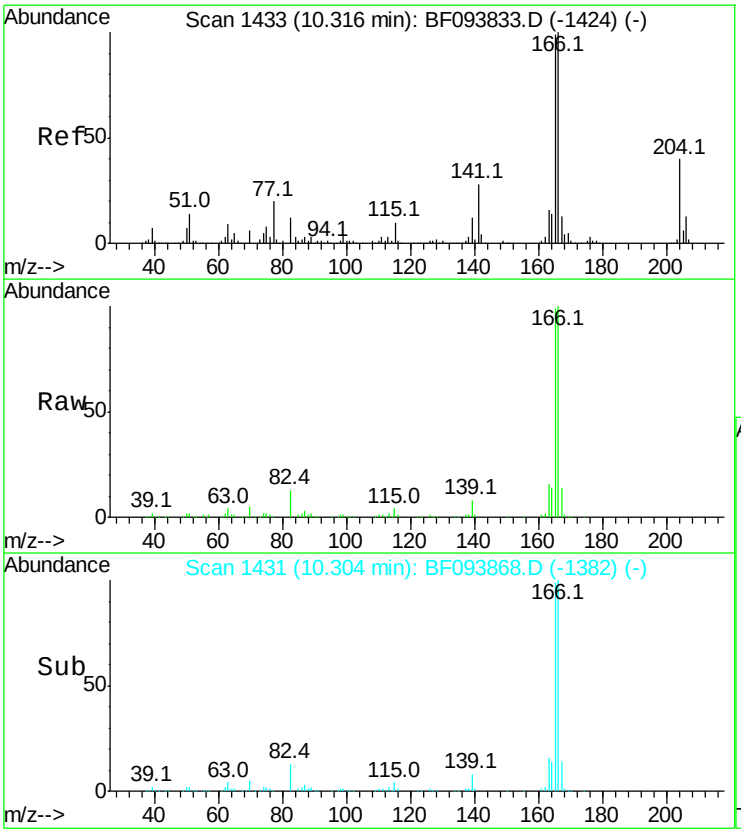
#54
Dibenzofuran
Concen: 6.62 ng
RT: 9.89 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:168 Resp: 192382

Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.6	45.8
169	13.2	10.8	16.2

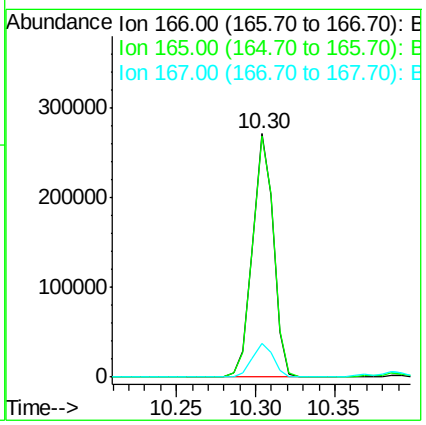


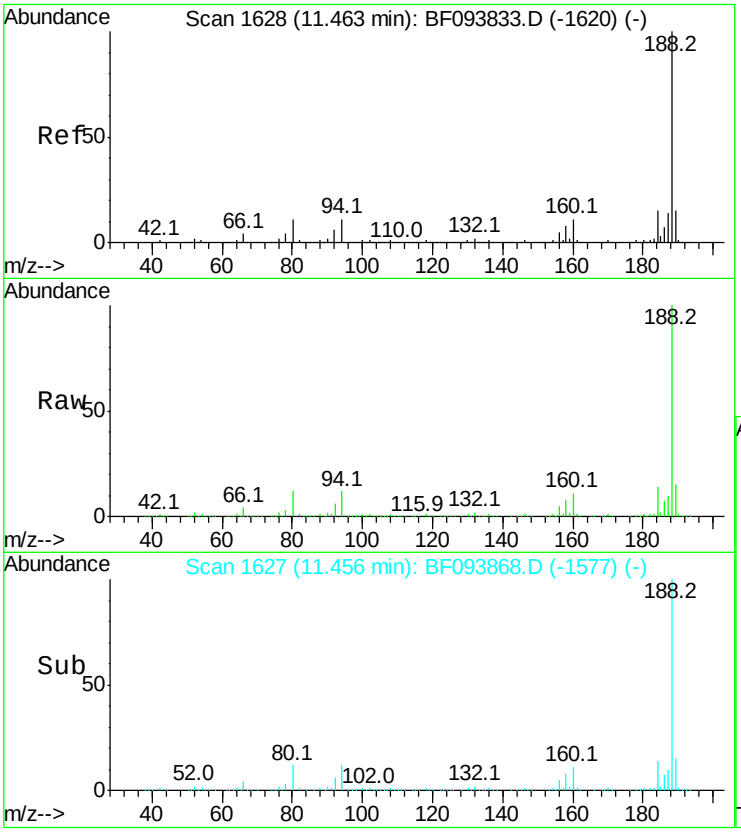


#57
Fluorene
Concen: 10.29 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:166 Resp: 247858

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.7	10.6	16.0



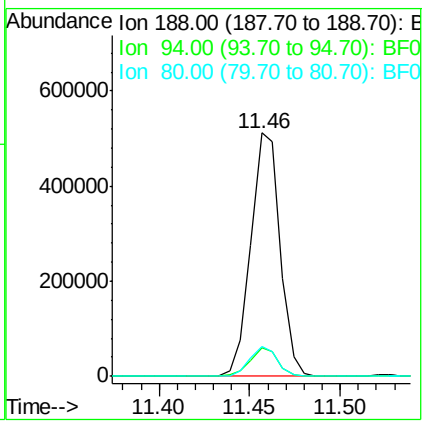


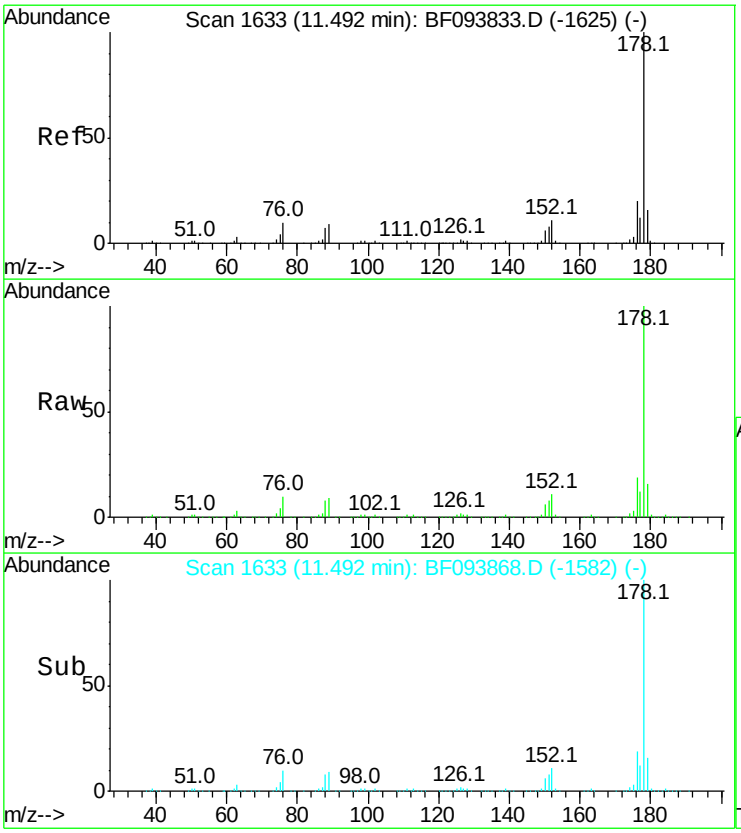
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:188 Resp: 574082

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.2	10.2	15.2

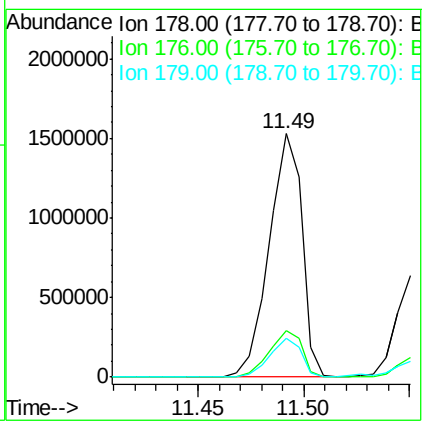


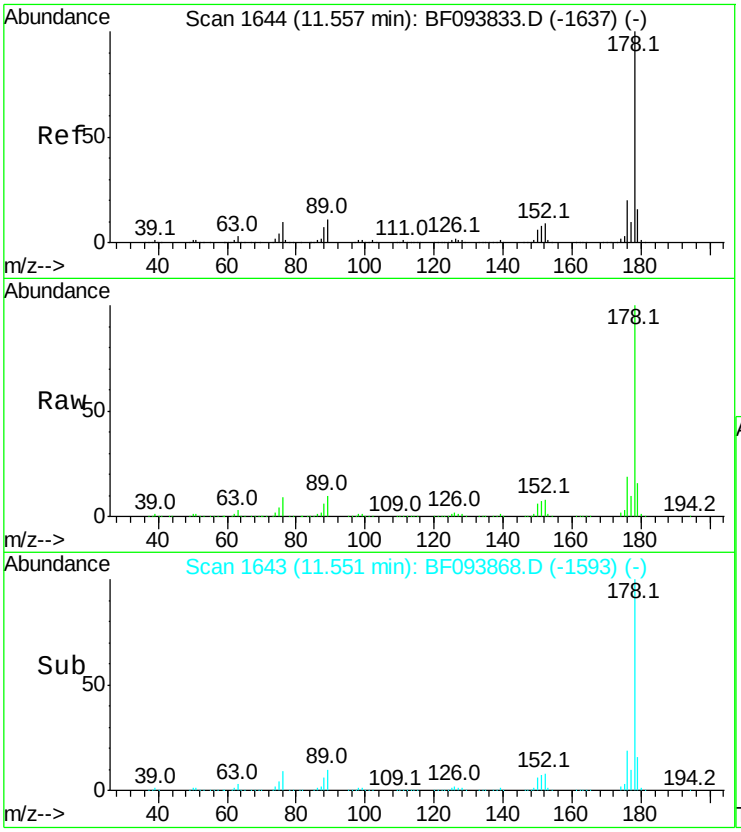


#70
Phenanthrene
Concen: 51.85 ng
RT: 11.49 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:178 Resp: 1655696

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.7	12.6	19.0



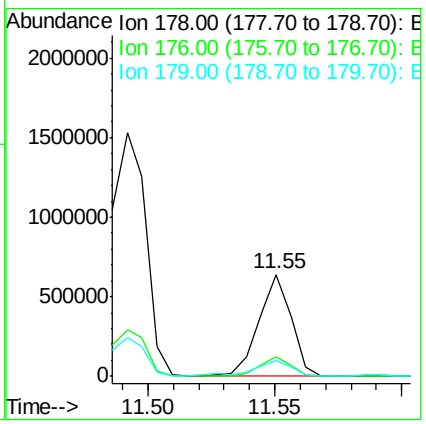


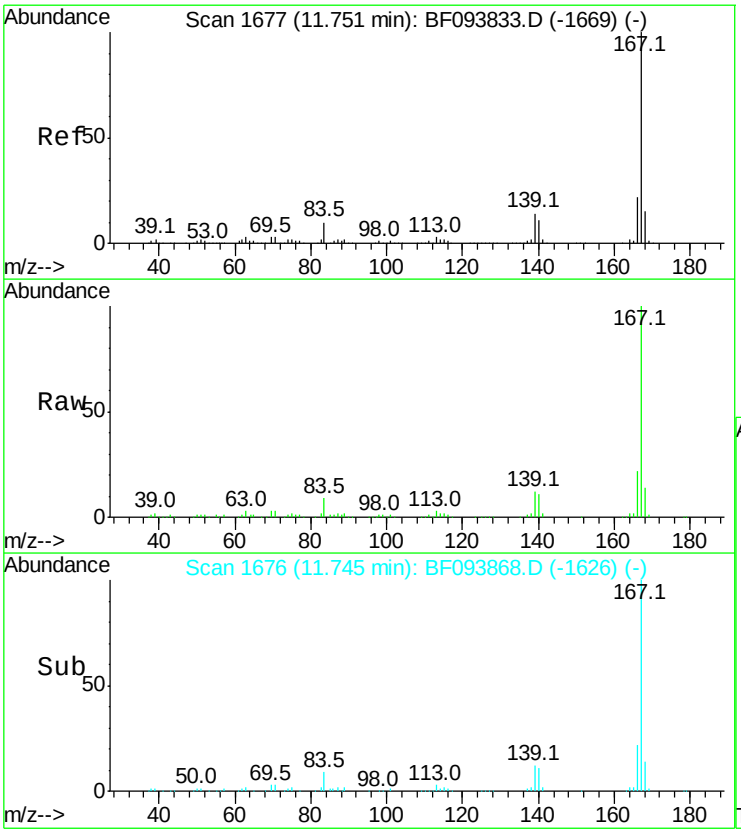
#71
Anthracene
Concen: 17.35 ng
RT: 11.55 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:178 Resp: 570360

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.5	12.7	19.1

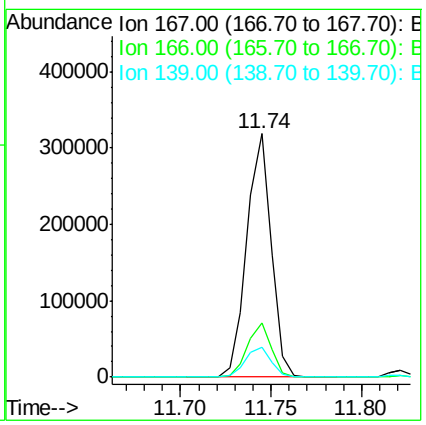


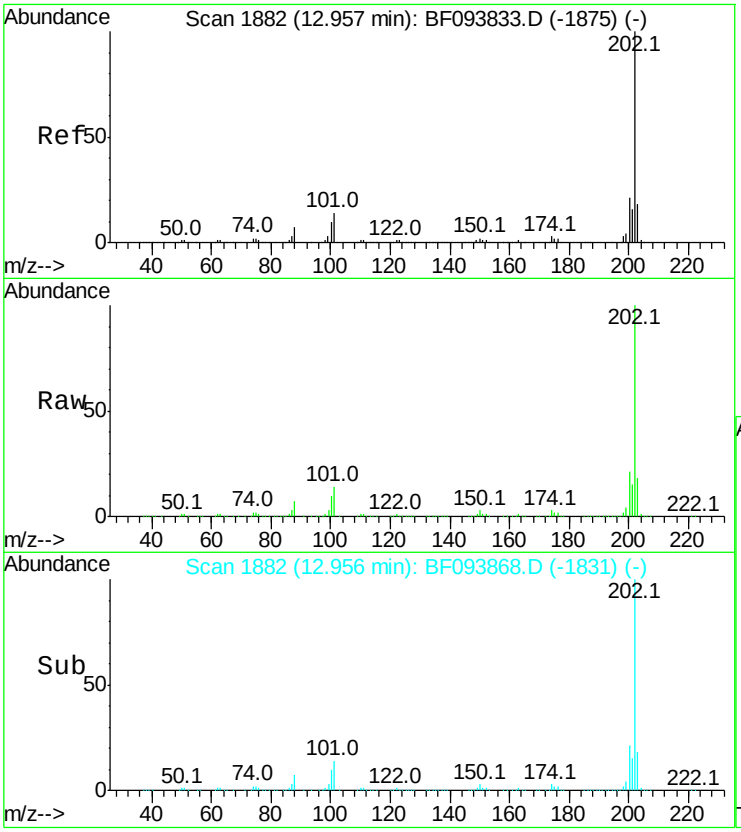


#72
Carbazole
Concen: 8.89 ng
RT: 11.74 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:167 Resp: 299644

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	12.5	11.7	17.5



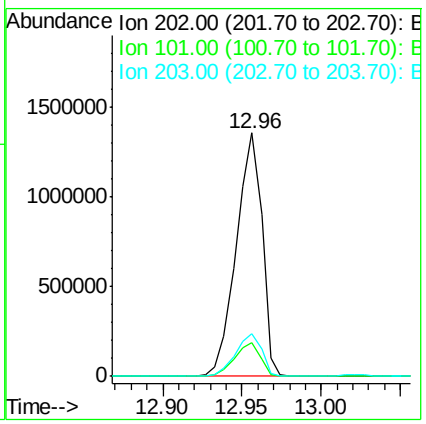


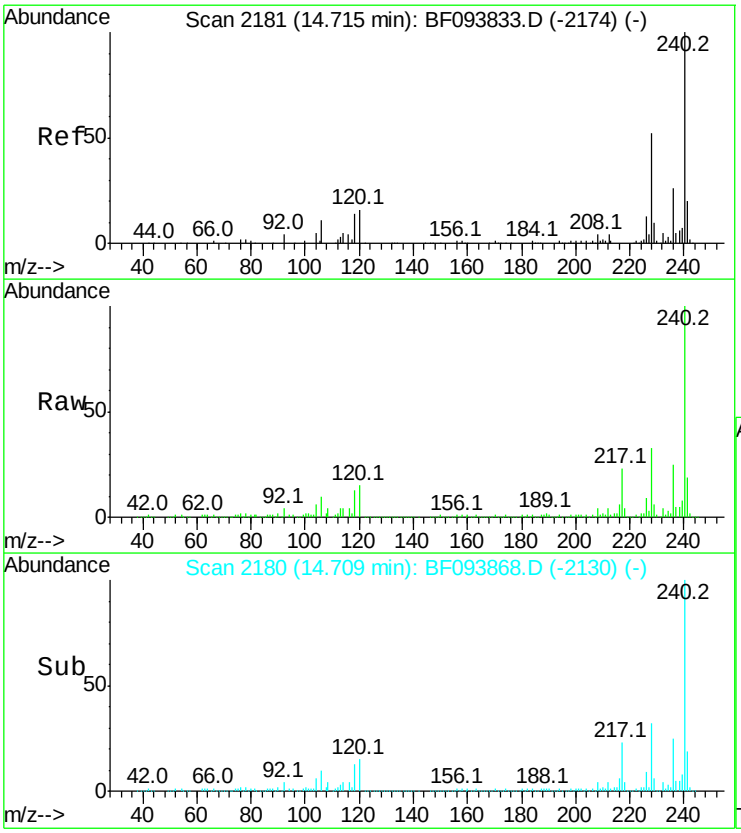
#74
Fluoranthene
Concen: 46.57 ng
RT: 12.96 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:202 Resp: 1522742

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.8	0.0	38.1

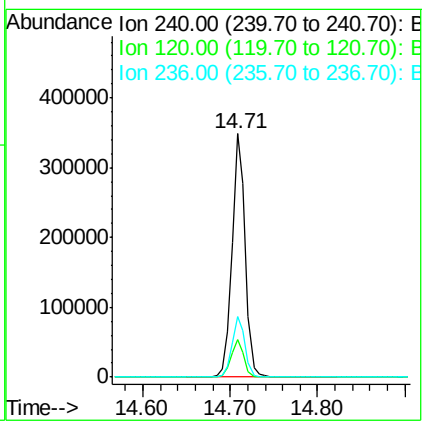


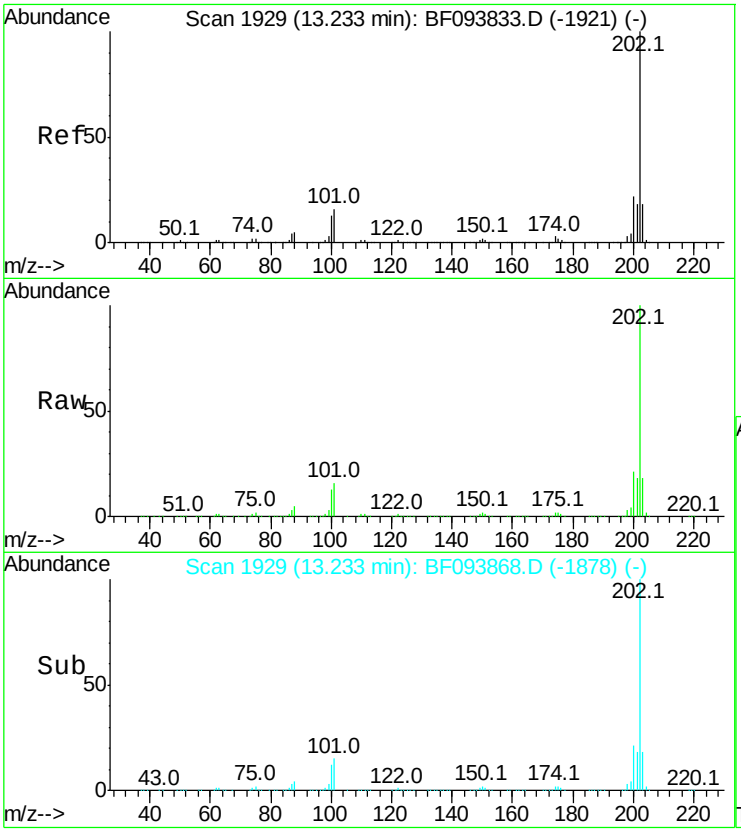


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:240 Resp: 357636

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.8	20.5	30.7



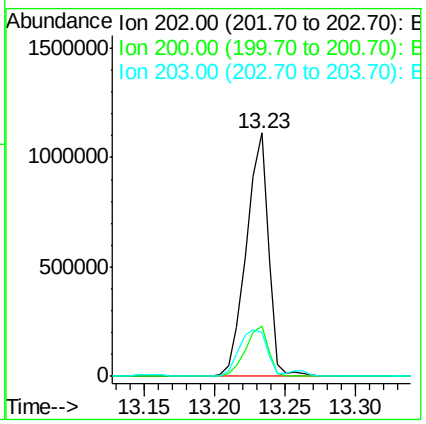


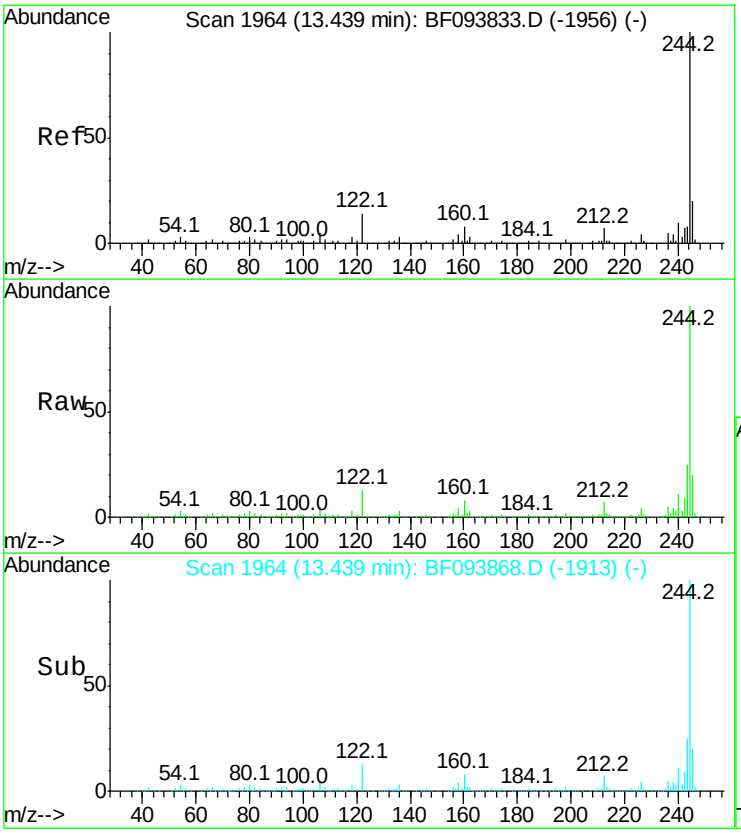
#77
Pyrene
Concen: 47.64 ng
RT: 13.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:202 Resp: 1236385

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.3	14.4	21.6

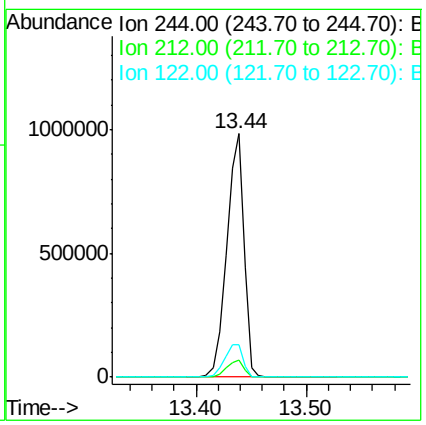


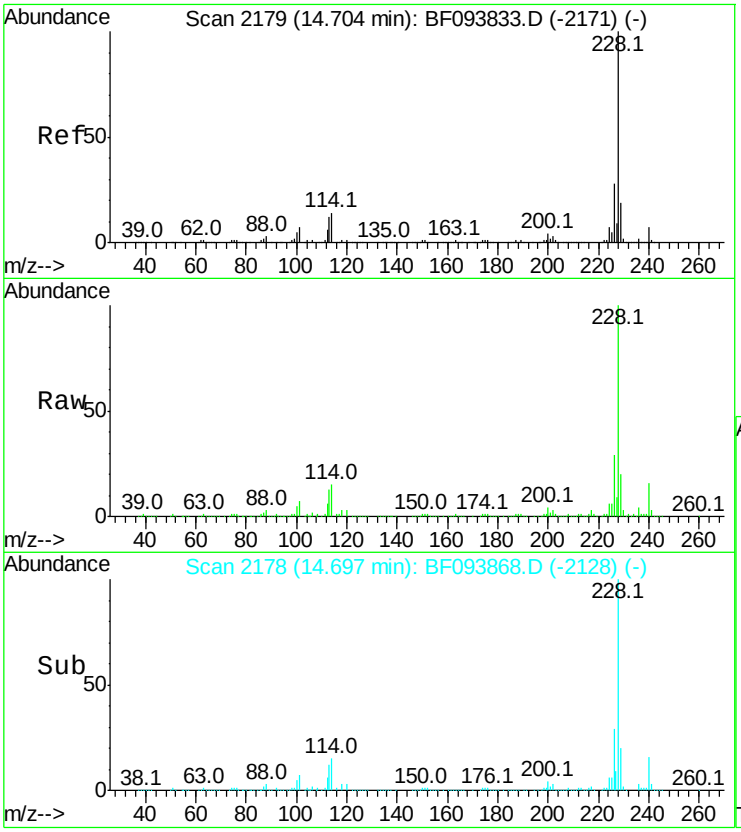


#78
Terphenyl-d14
Concen: 67.19 ng
RT: 13.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:244 Resp: 1072032

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5



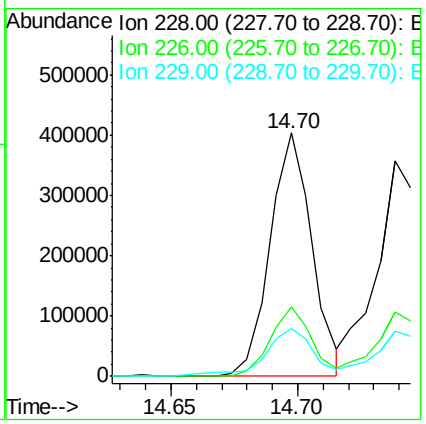


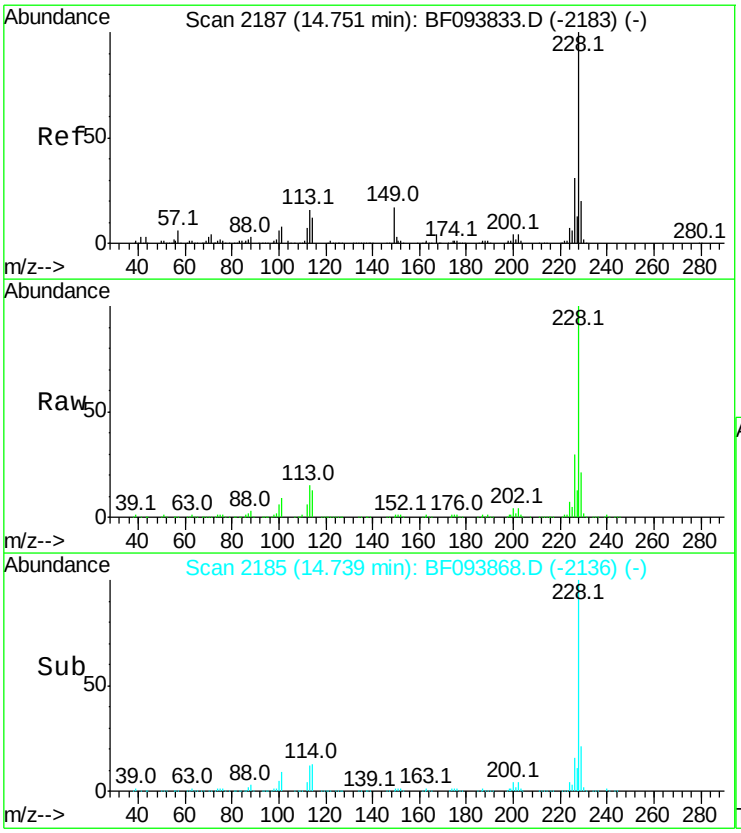
#80
Benzo(a)anthracene
Concen: 22.20 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:228 Resp: 463072

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.7	16.3	24.5

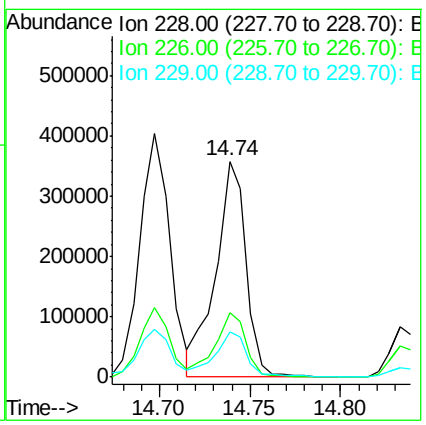


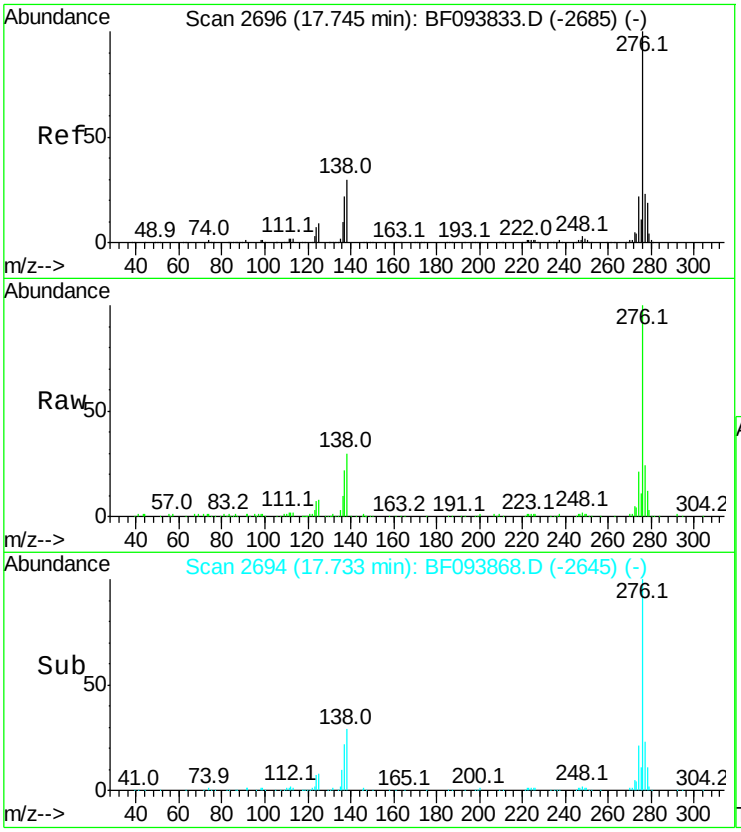


#82
Chrysene
Concen: 21.53 ng
RT: 14.74 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:228 Resp: 416591

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.2	15.8	23.6



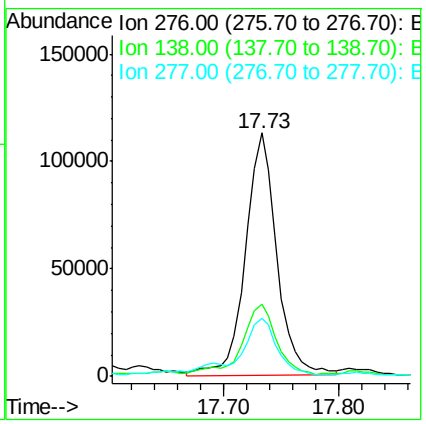


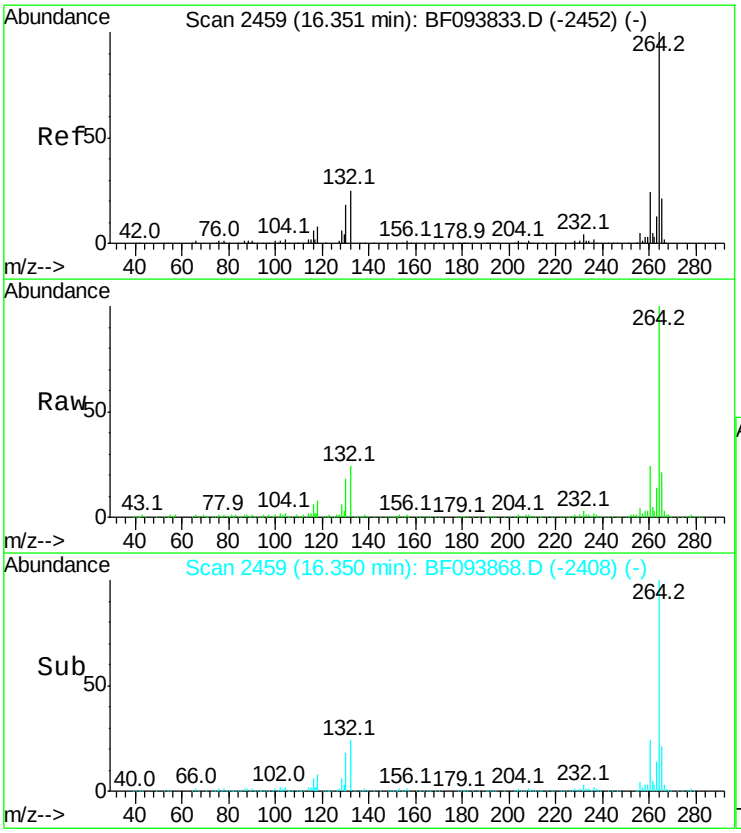
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.80 ng
RT: 17.73 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:276 Resp: 214513

Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	23.5	20.2	30.4

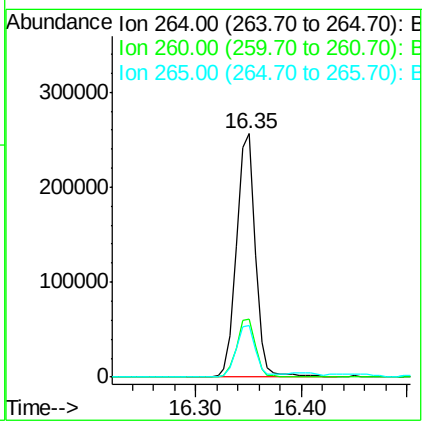


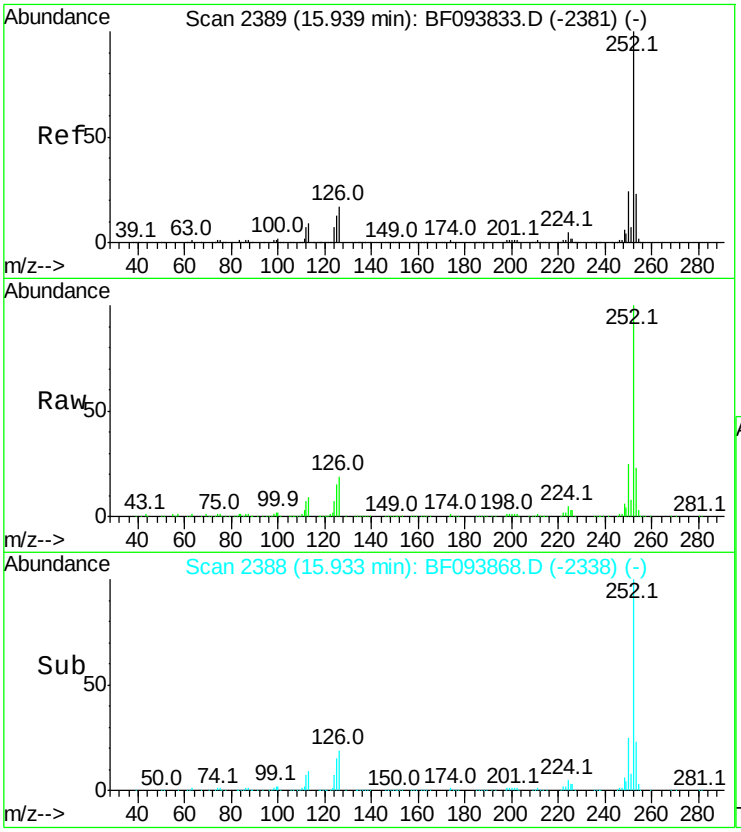


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.35 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:264 Resp: 313215

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	17.2	25.8



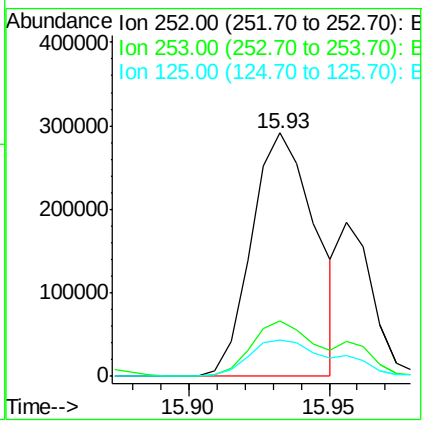


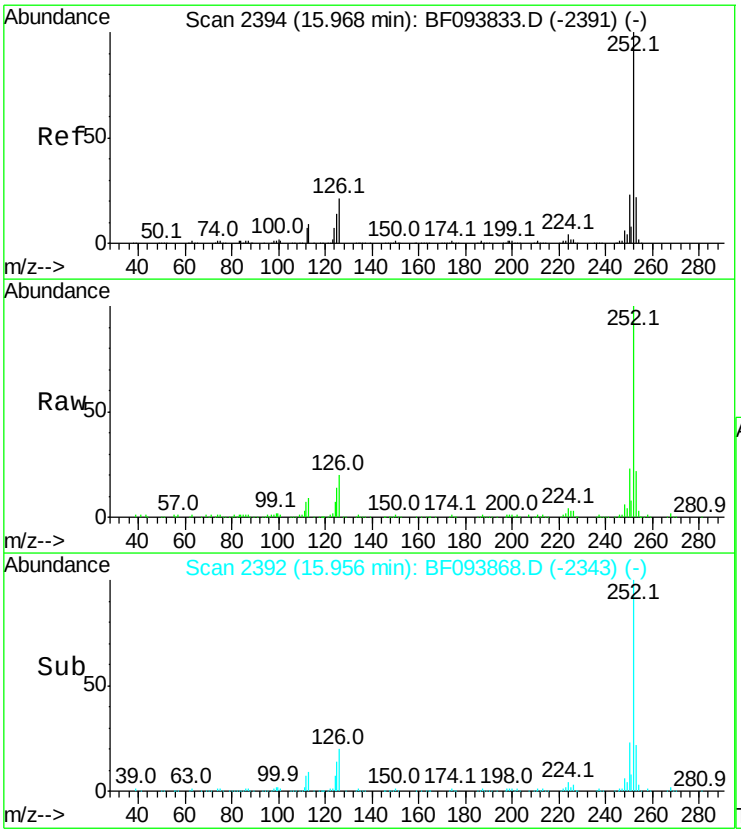
#87
Benzo(b)fluoranthene
Concen: 24.05 ng m
RT: 15.93 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:252 Resp: 461806

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.9	9.8	14.8#

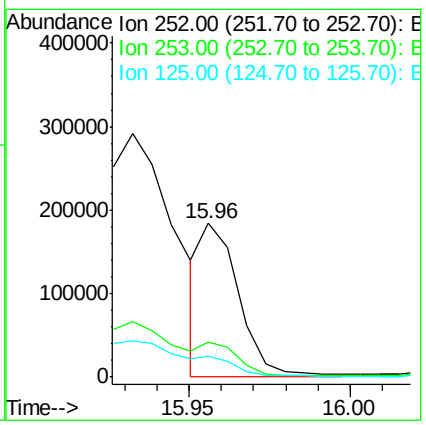


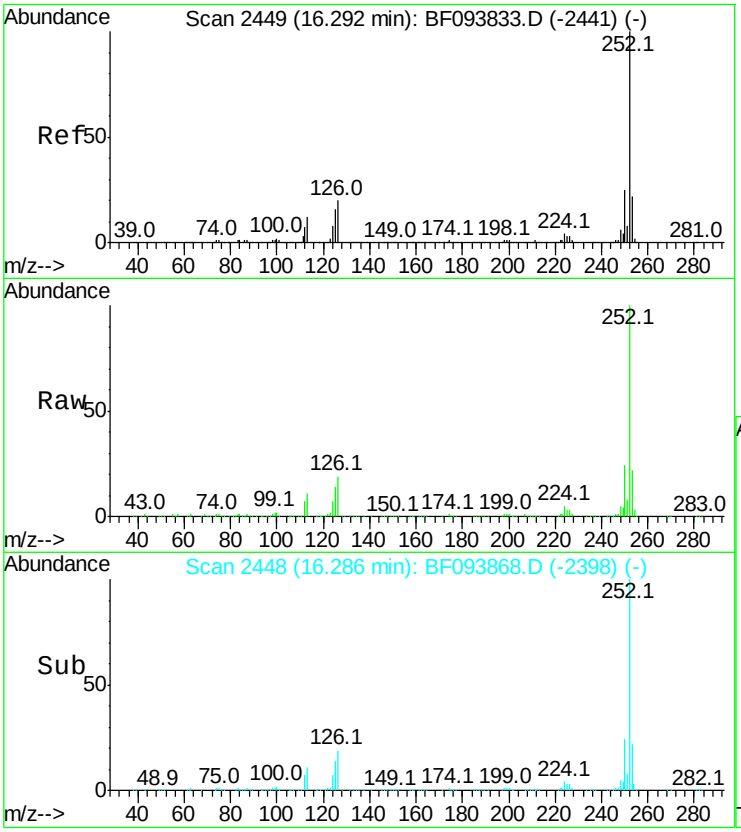


#88
Benzo(k)fluoranthene
Concen: 8.18 ng m
RT: 15.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:252 Resp: 153711

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	13.9	13.1	19.7



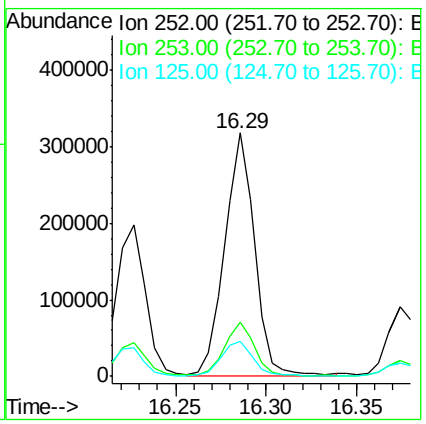


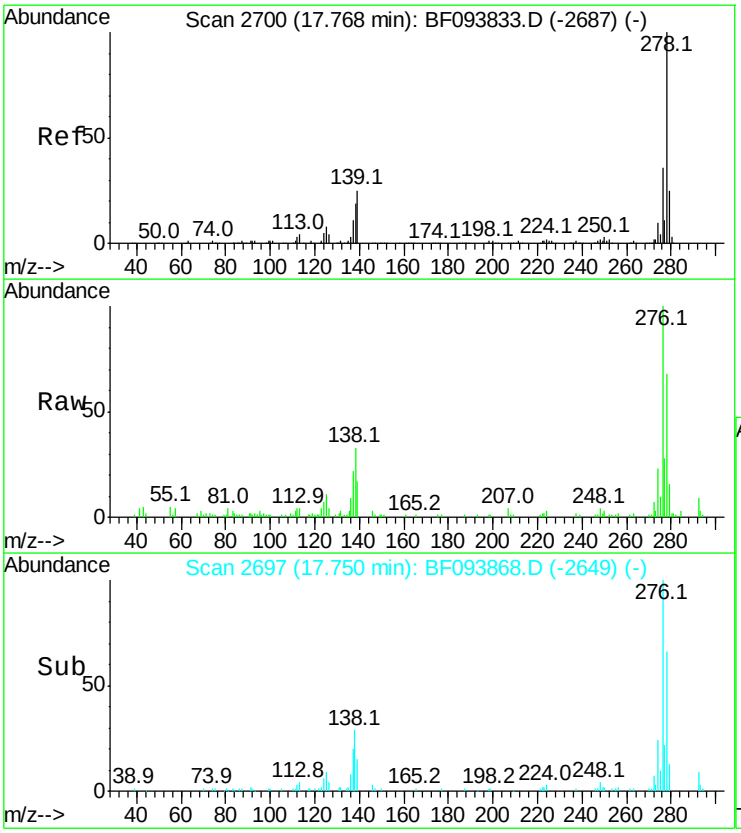
#89
Benzo(a)pyrene
Concen: 20.60 ng
RT: 16.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:252 Resp: 364159

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.3	11.0	16.4

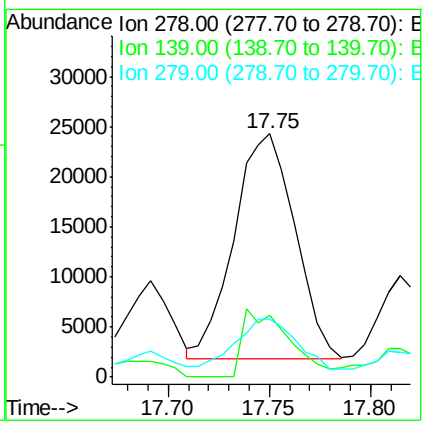


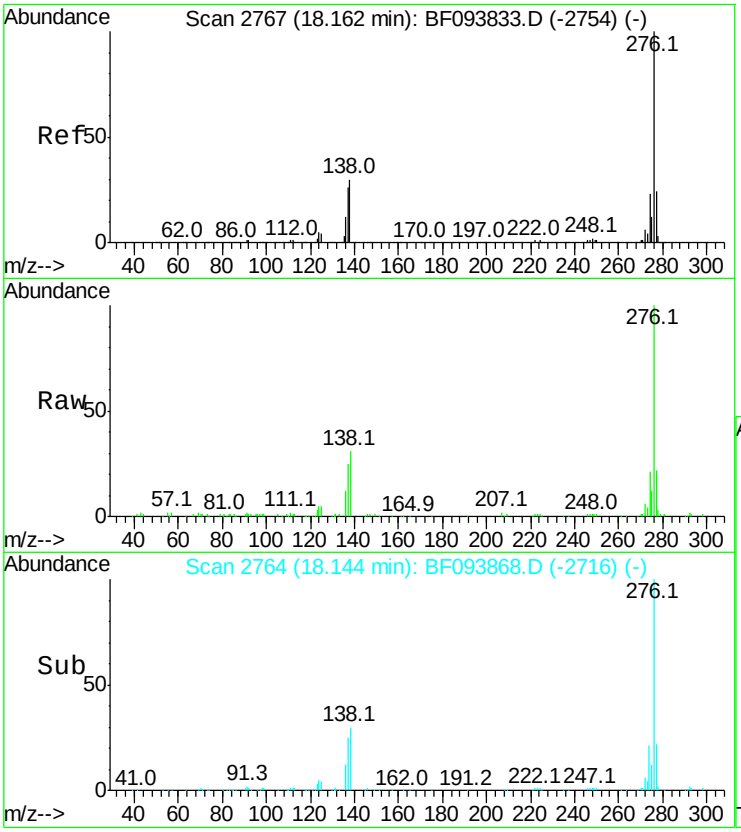


#90
Dibenzo(a,h)anthracene
Concen: 3.14 ng m
RT: 17.75 min Scan# 2697
Delta R.T. -0.02 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Tgt Ion:278 Resp: 47054

Ion	Ratio	Lower	Upper
278	100		
139	25.3	16.6	24.8#
279	23.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 13.33 ng
RT: 18.14 min Scan# 2764
Delta R.T. -0.02 min
Lab File: BF093868.D
Acq: 23 Mar 2017 8:08

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Tgt Ion:276 Resp: 201212

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	30.9	25.4	38.0