Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFFS-VNJ238-VNJ205-VNJ22

Quant Time: Apr 25 03:50:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	156383	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	603064	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	254513	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	417764	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	276536	20.00	ng		-0.01
86) Perylene-d12	16.08	264	251938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	1042271	110.57	ng		0.00
7) Phenol-d6	5.39	99	1289446	116.04	ng		0.00
23) Nitrobenzene-d5	6.41	82	787391	80.62	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	225711	113.38	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	1297905	75.03	ng		-0.01
78) Terphenyl-d14	13.18	244	838928	81.09	ng		-0.01
Target Compounds							Qvalue
10) Phenol	5.40	94	80072	5.87	ng		86
31) Naphthalene	7.27	128	156553	5.40	ng		97
37) 2-Methylnaphthalene	8.11	142	138778	7.00	ng		98
49) Dimethylphthalate	9.07	163	212810	11.22	ng		98
70) Phenanthrene	11.23	178	152081	6.46	ng		96
74) Fluoranthene	12.69	202	193152	7.92	ng		99
77) Pyrene	12.97	202	181905	9.42	ng		99
80) Benzo(a)anthracene	14.44	228	90851	5.65	ng		97
82) Chrysene	14.48	228	103387m	7.04	ng		
85) Indeno(1,2,3-cd)pyrene	17.35	276	53128	3.80	ng		98
87) Benzo(b)fluoranthene	15.68	252	119344m	7.74	ng		
88) Benzo(k)fluoranthene	15.70	252	34774m	2.38	ng		
89) Benzo(a)pyrene	16.02	252	84442	5.89	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	54423	4.49	ng		99

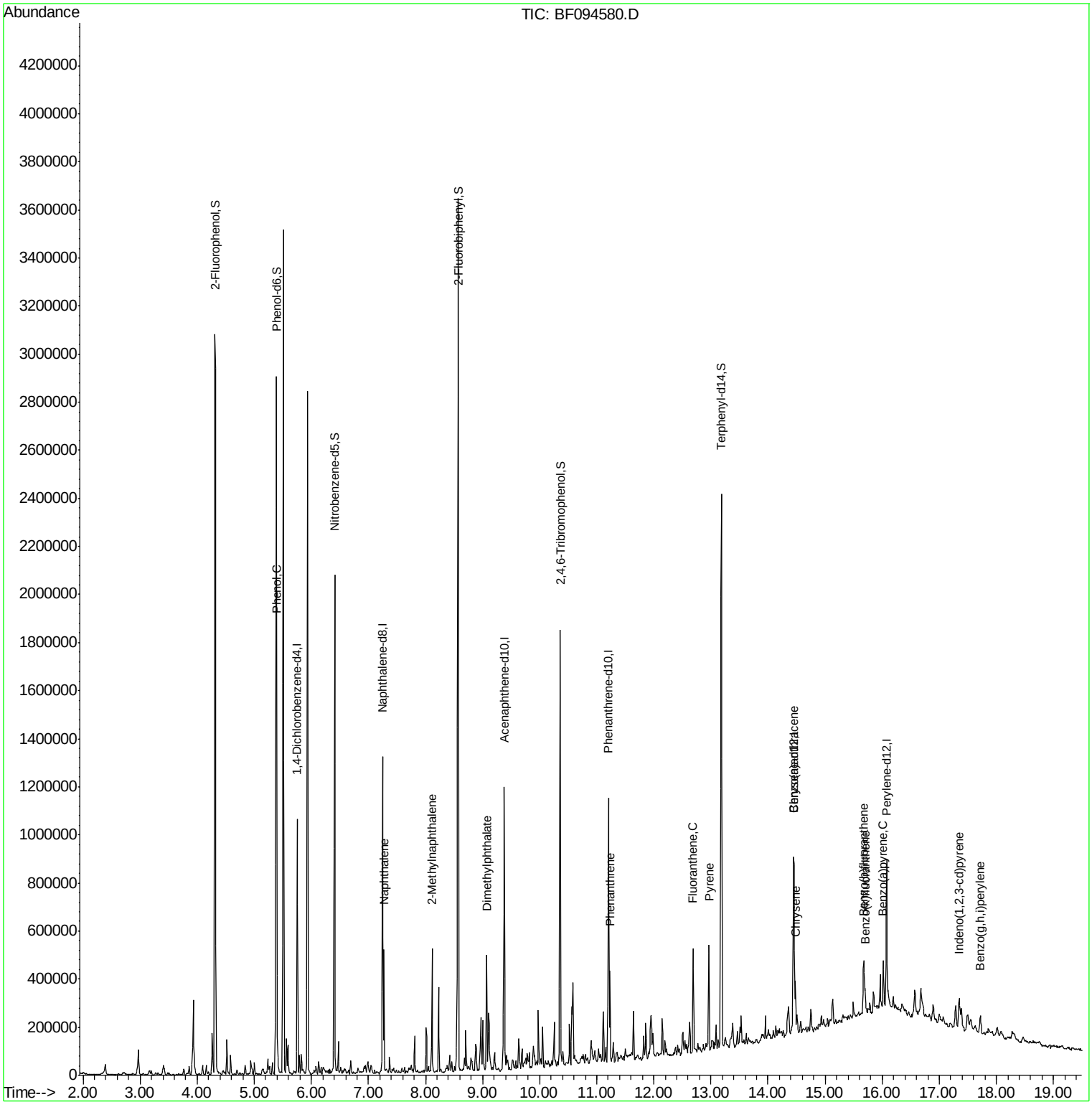
(#) = qualifier out of range (m) = manual integration (+) = signals summed

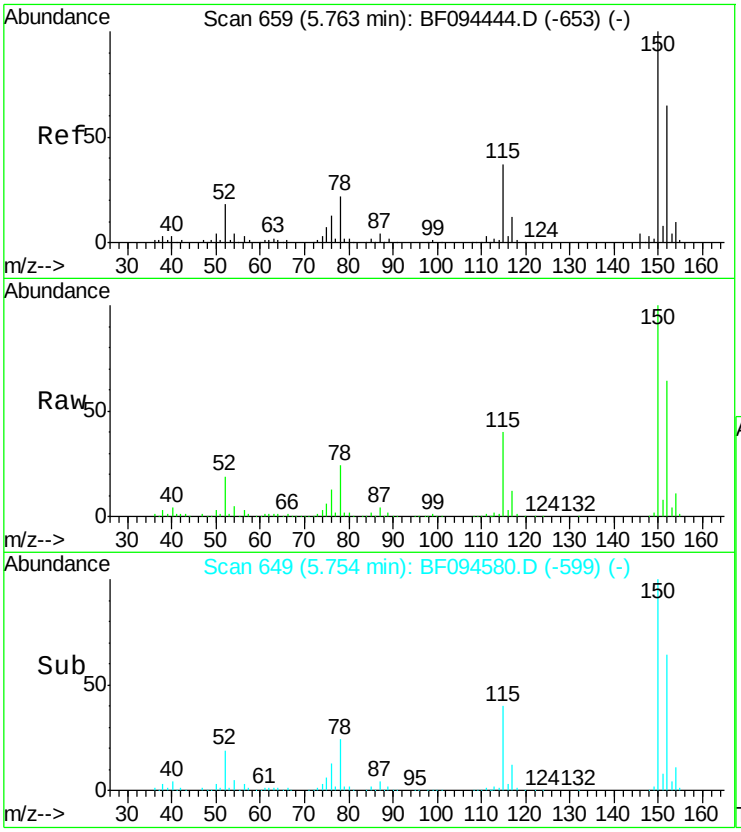
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
Data File : BF094580.D
Acq On : 24 Apr 2017 12:54
Operator : SJ/MA
Sample : I2790-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Quant Time: Apr 25 03:50:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



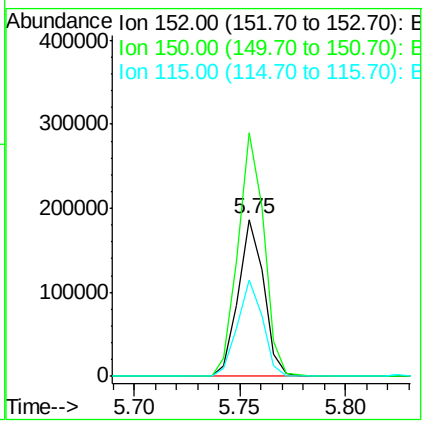


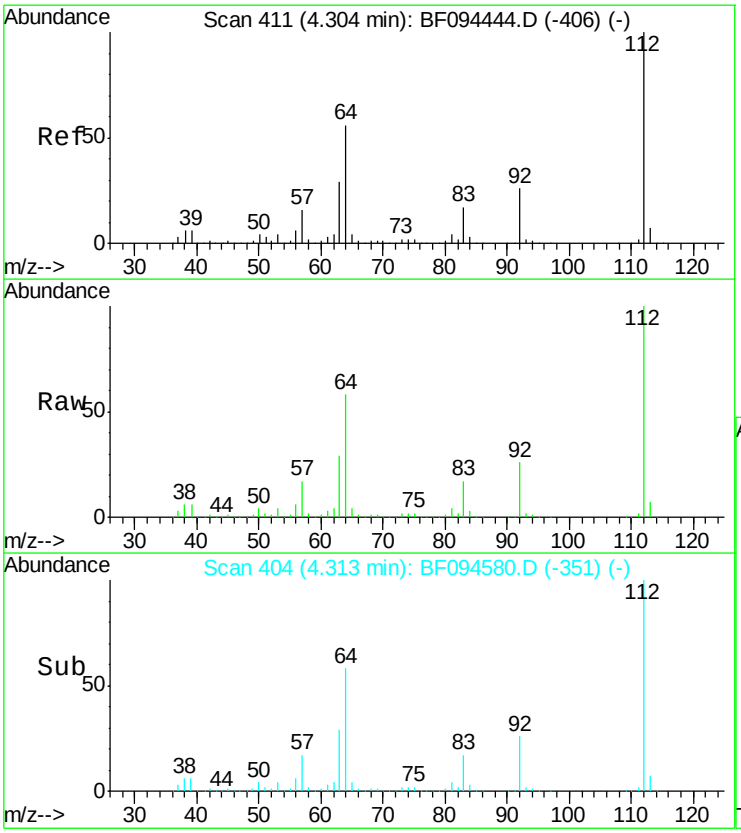
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:152 Resp: 156383

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	61.3	52.2	78.2

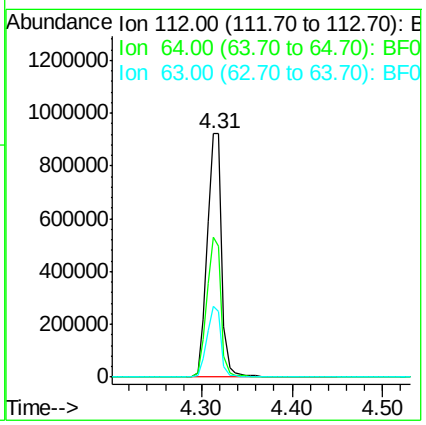


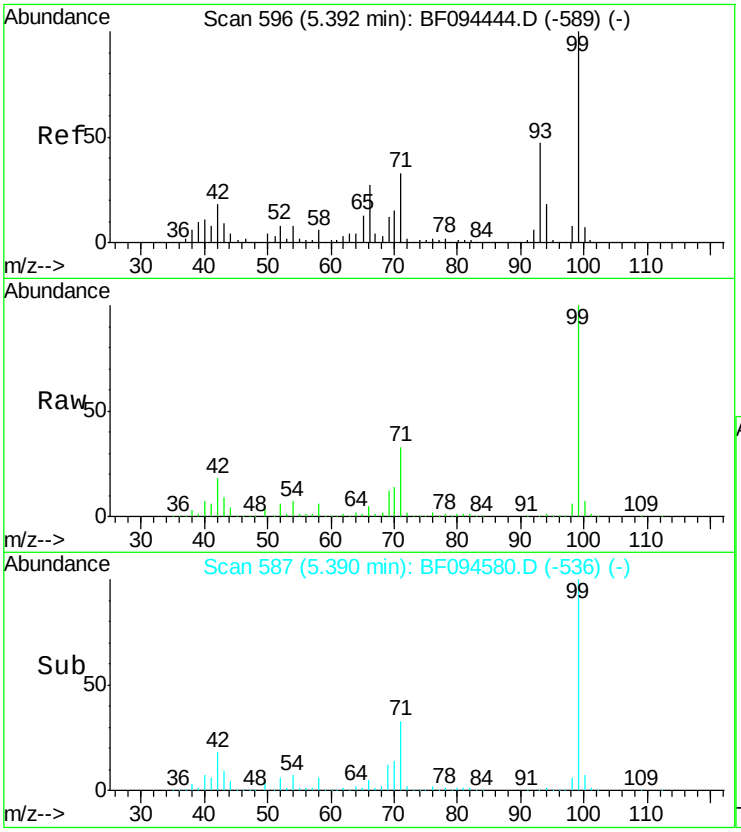


#5
2-Fluorophenol
Concen: 110.57 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:112 Resp: 1042271

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.0	23.4	35.0



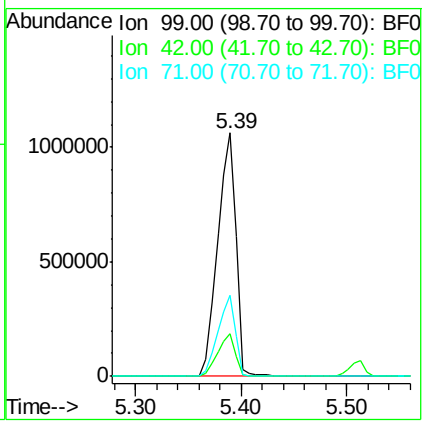


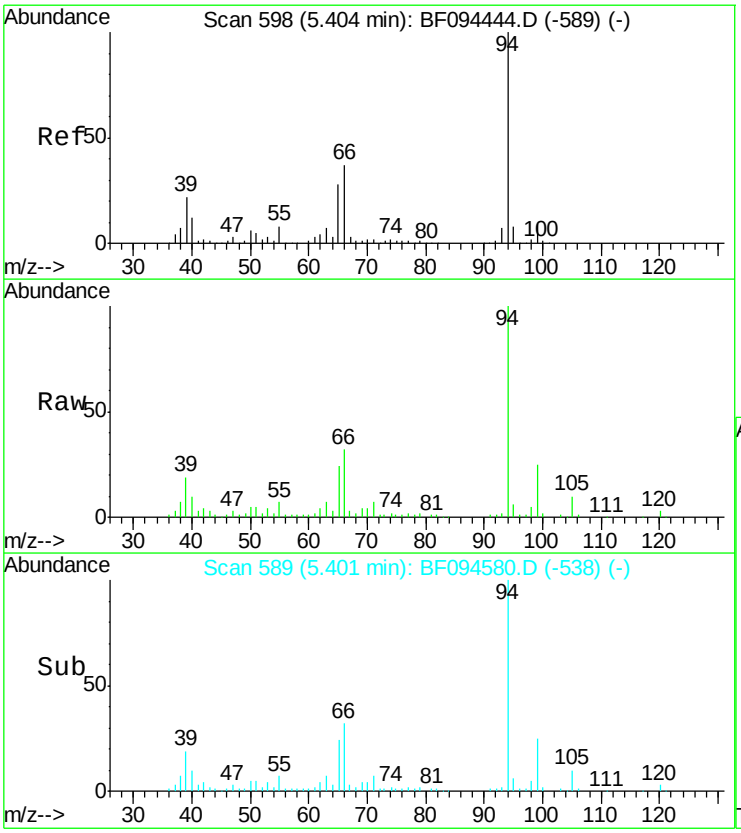
#7
Phenol-d6
Concen: 116.04 ng
RT: 5.39 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion: 99 Resp: 1289446

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.3	24.5	36.7

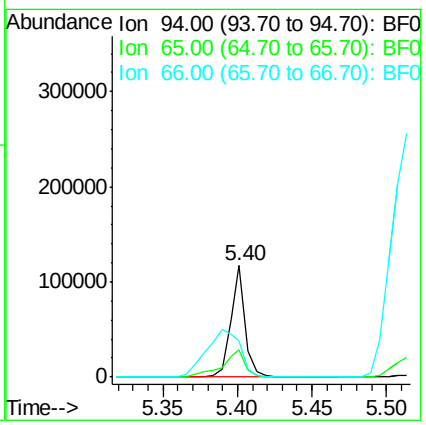


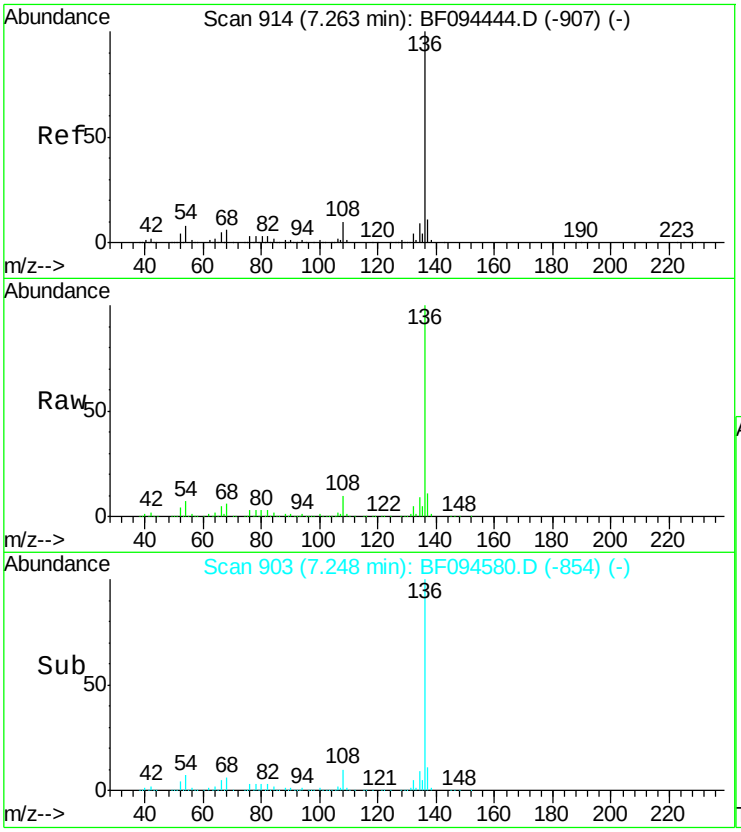


#10
Phenol
Concen: 5.87 ng
RT: 5.40 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion: 94 Resp: 80072

Ion	Ratio	Lower	Upper
94	100		
65	24.0	9.9	49.9
66	32.4	23.1	63.1



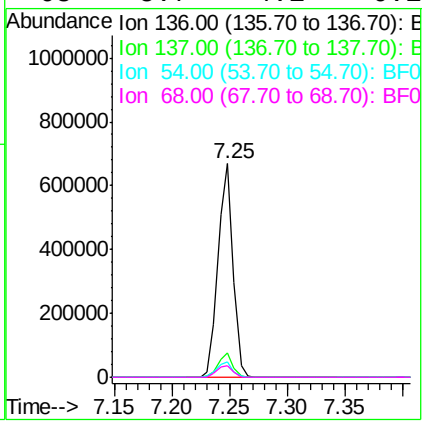


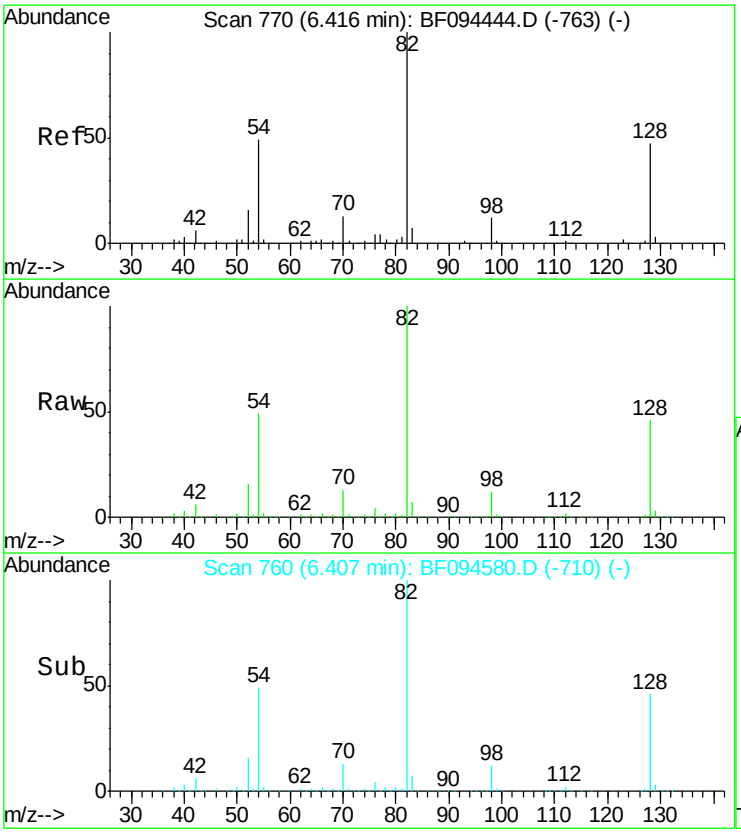
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:136 Resp: 603064

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1

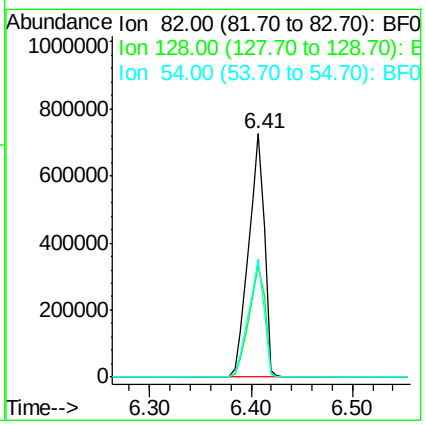


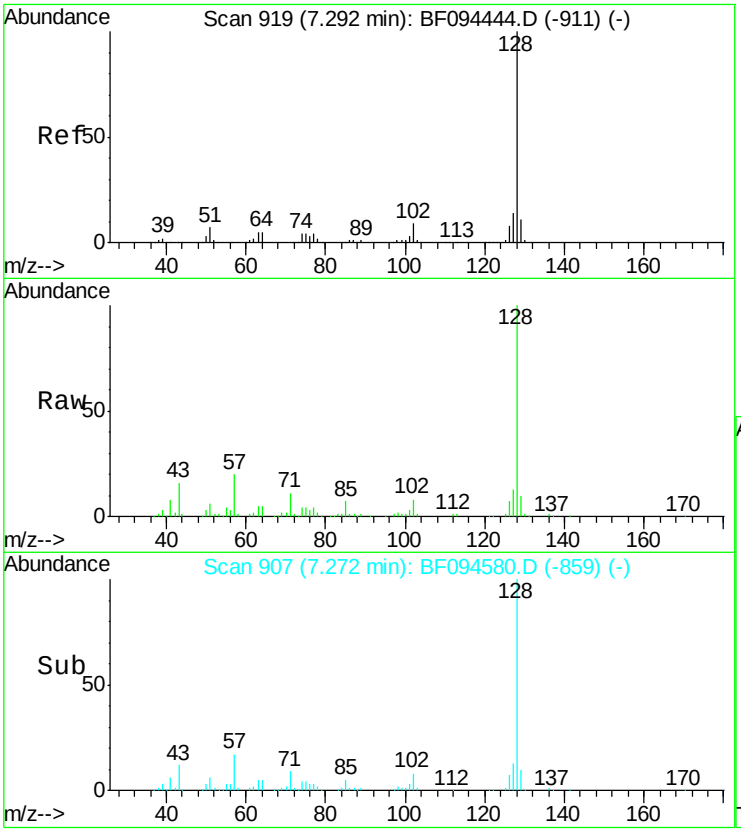


#23
Nitrobenzene-d5
Concen: 80.62 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion: 82 Resp: 787391

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	48.8	42.2	63.2



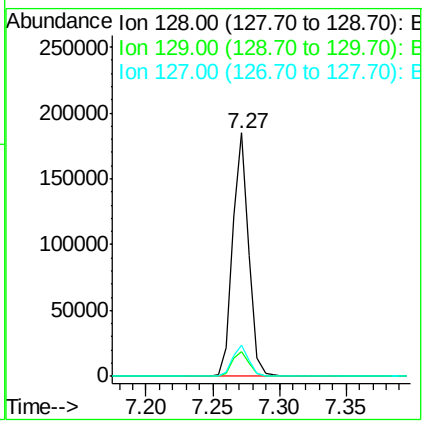


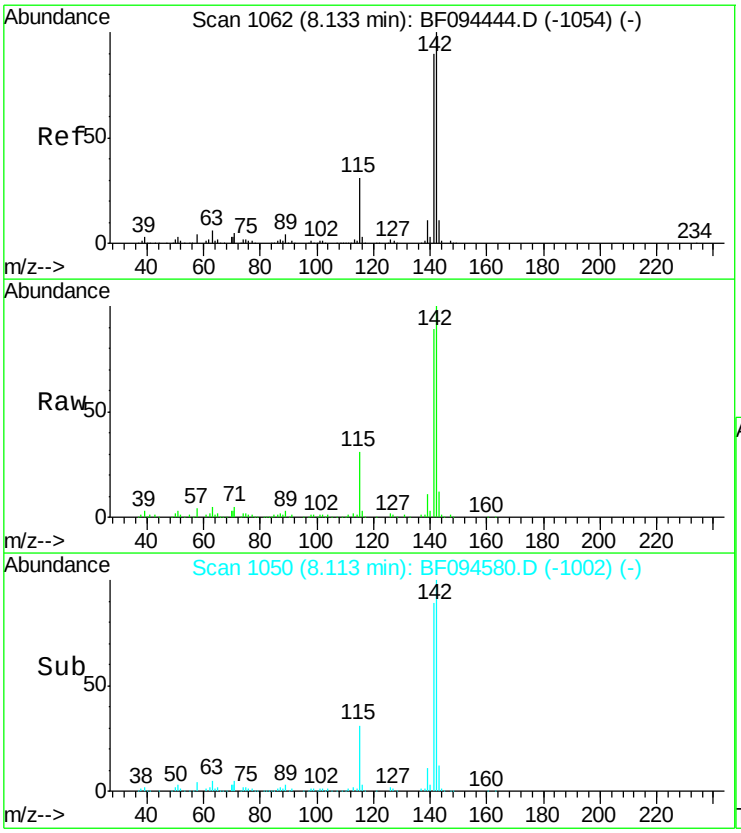
#31
Naphthalene
Concen: 5.40 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:128 Resp: 156553

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.0	13.6
127	12.8	10.8	16.2

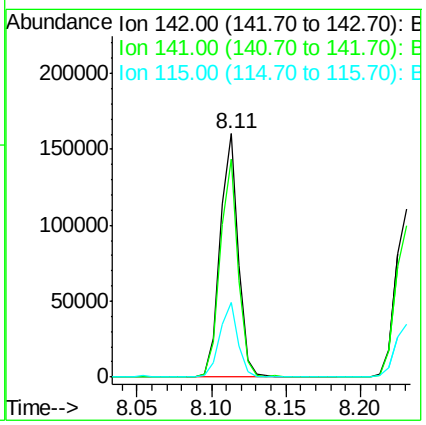


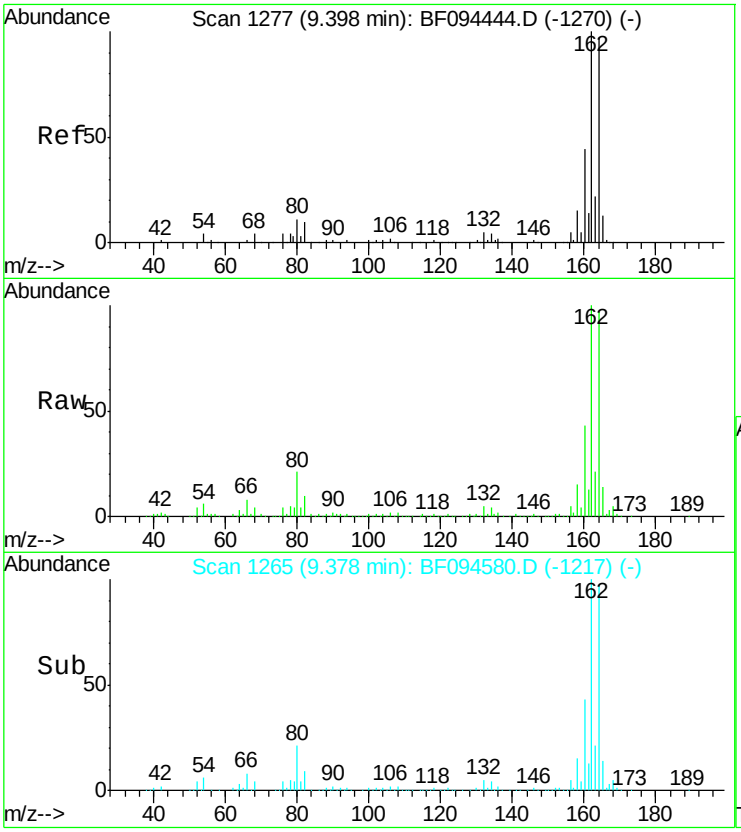


#37
2-Methylnaphthalene
Concen: 7.00 ng
RT: 8.11 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:142 Resp: 138778

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	30.6	27.1	40.7



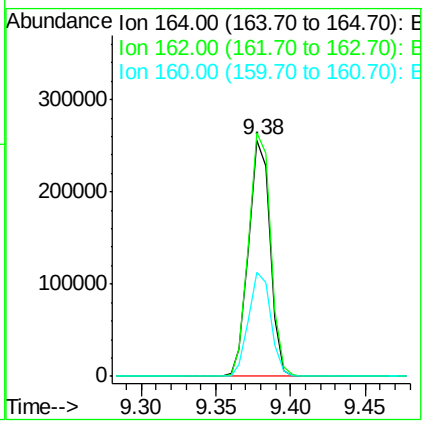


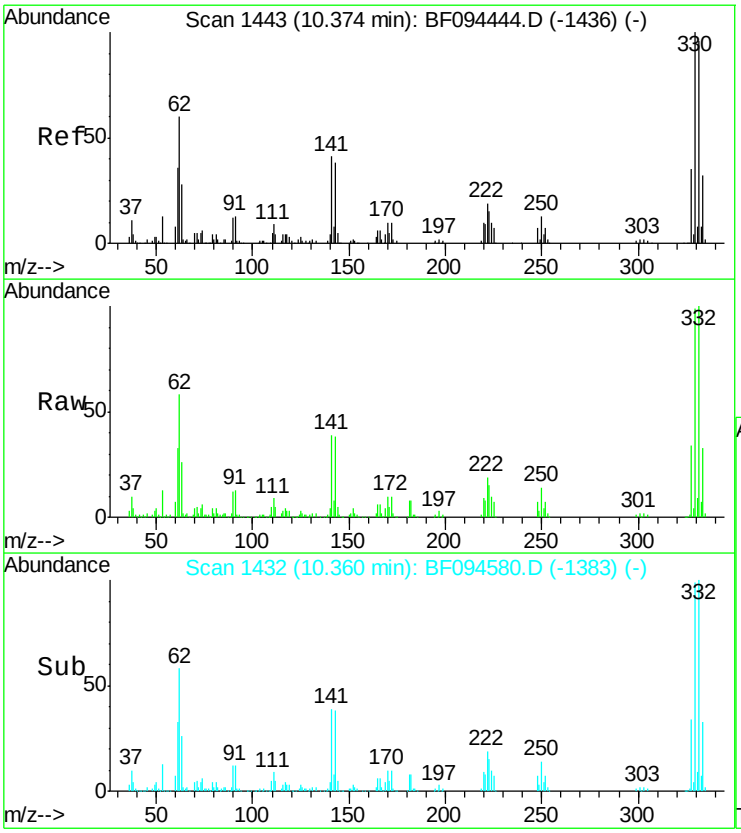
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:164 Resp: 254513

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.0	36.2	54.2

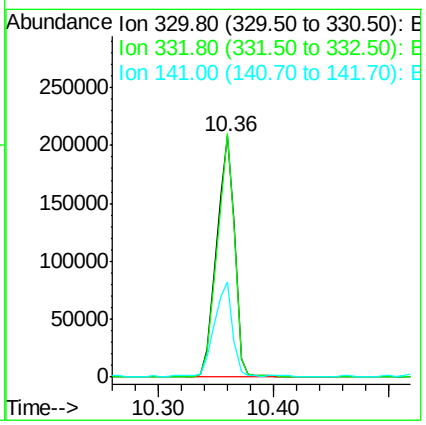


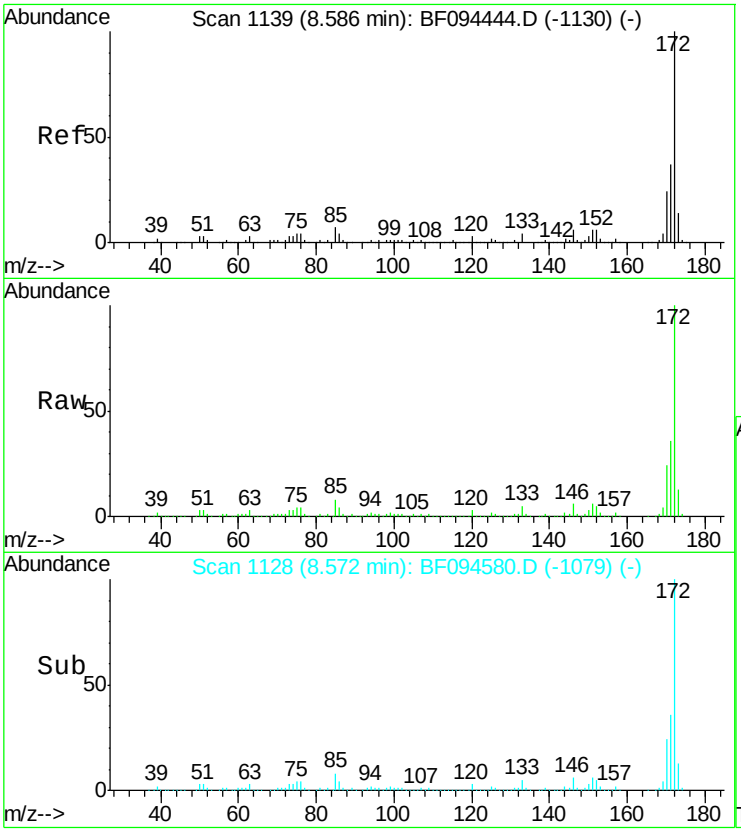


#41
2,4,6-Tribromophenol
Concen: 113.38 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:330 Resp: 225711

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	39.5	31.4	47.2



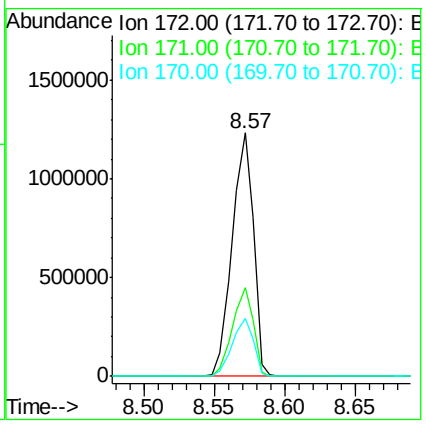


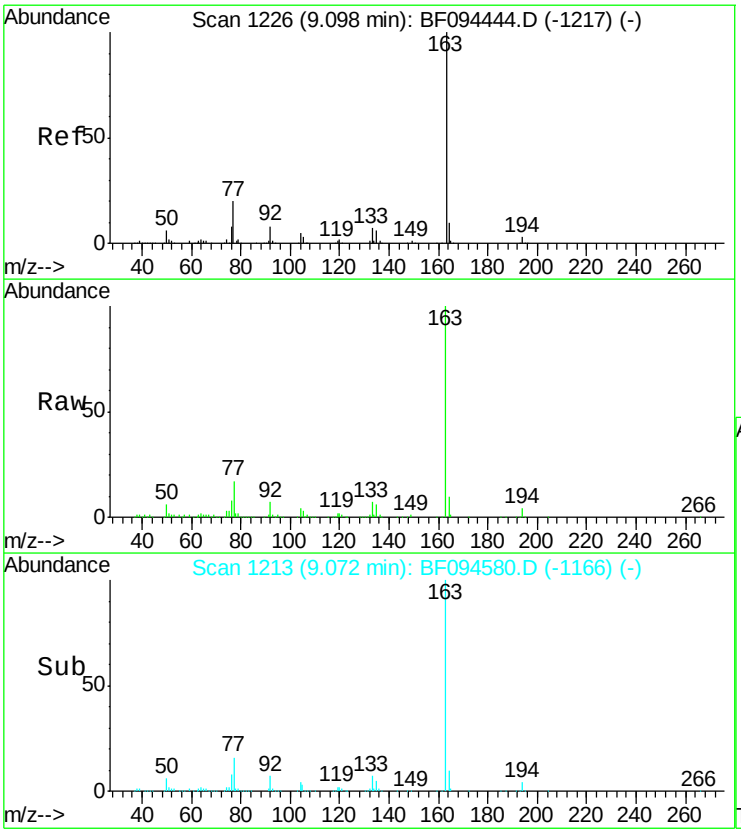
#44
2-Fluorobiphenyl
Concen: 75.03 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:172 Resp: 1297905

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.1	19.8	29.8

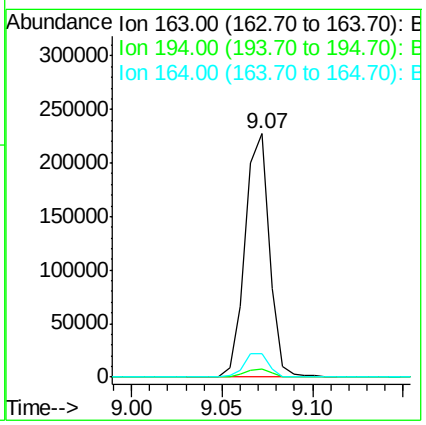


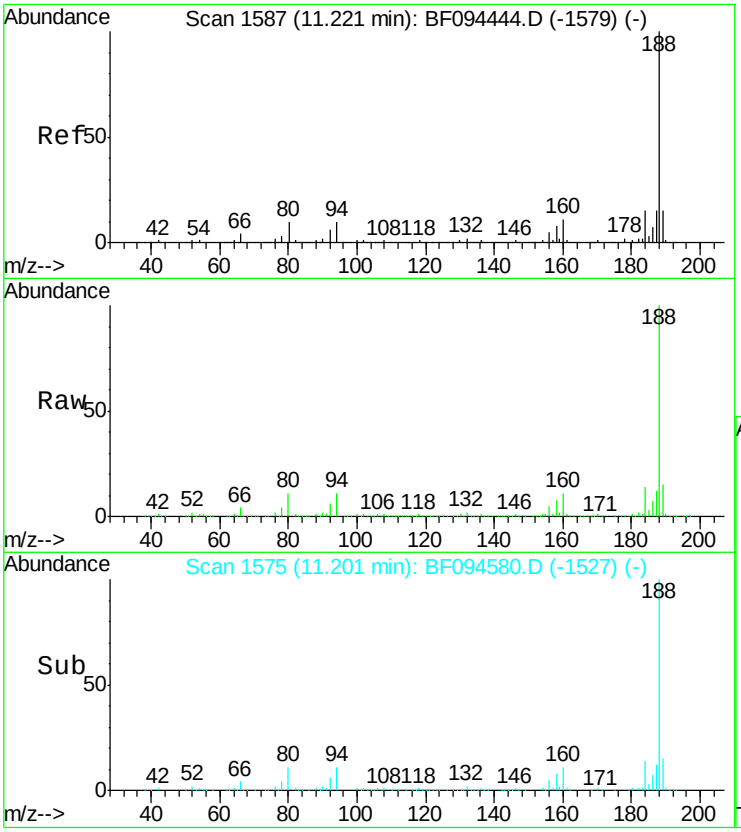


#49
Dimethylphthalate
Concen: 11.22 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:163 Resp: 212810

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.4	12.6



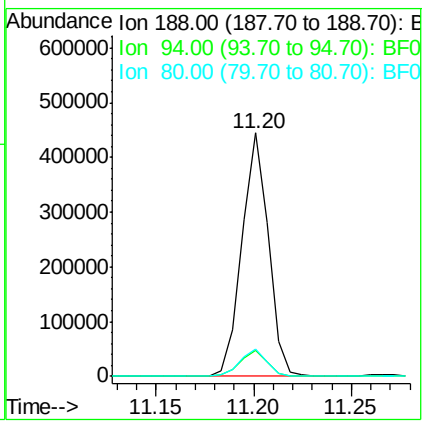


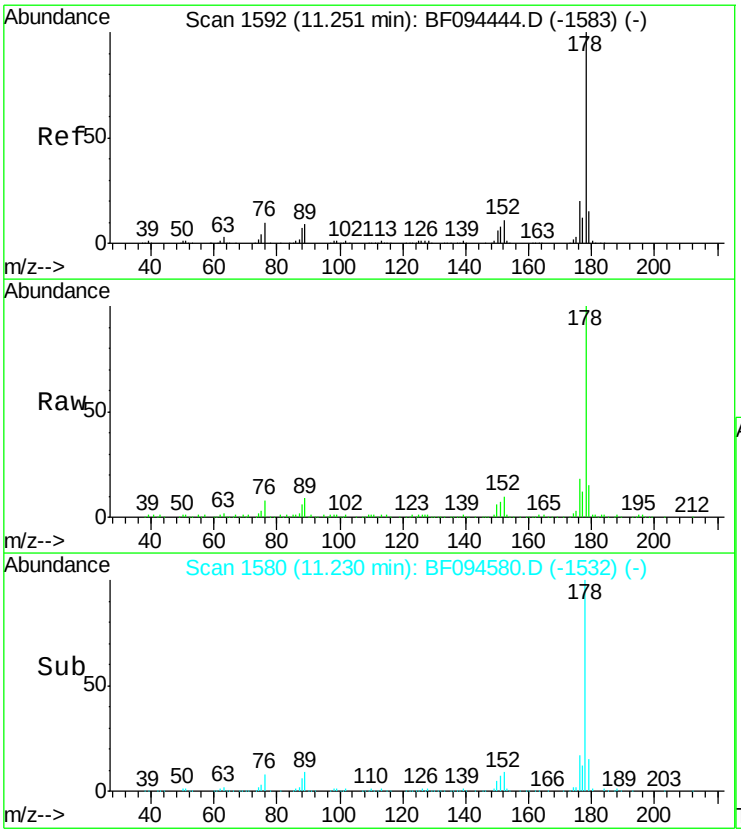
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:188 Resp: 417764

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.4	10.2	15.2

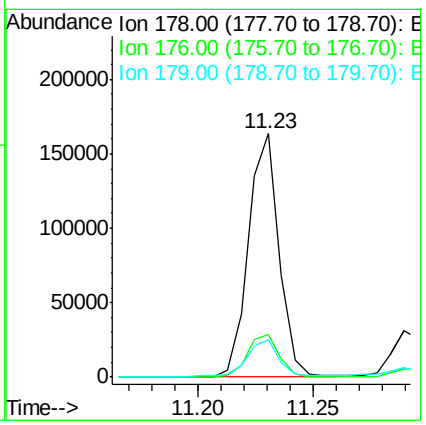


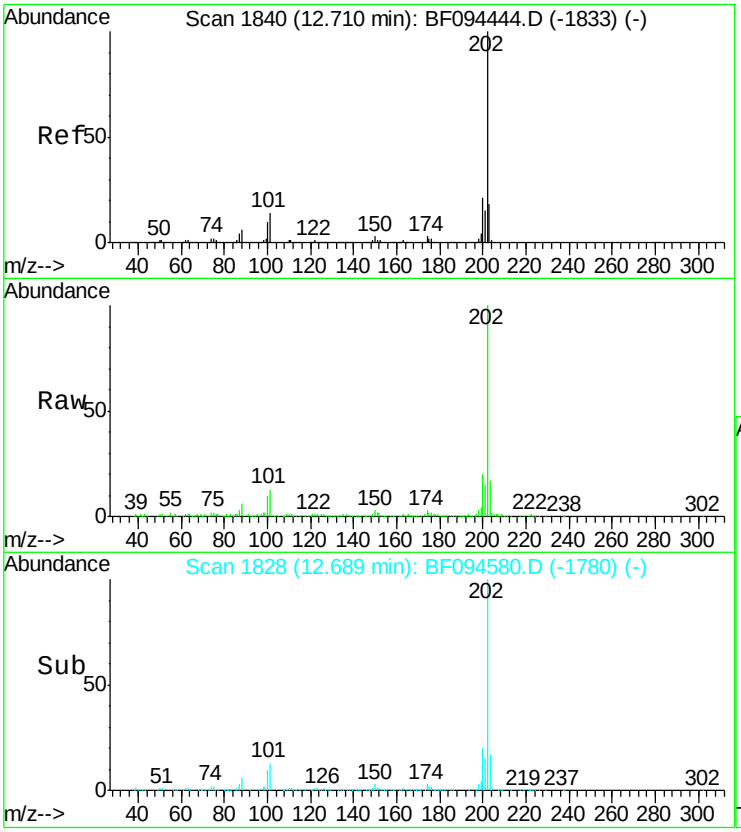


#70
Phenanthrene
Concen: 6.46 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:178 Resp: 152081

Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.2	24.4
179	15.5	12.6	19.0



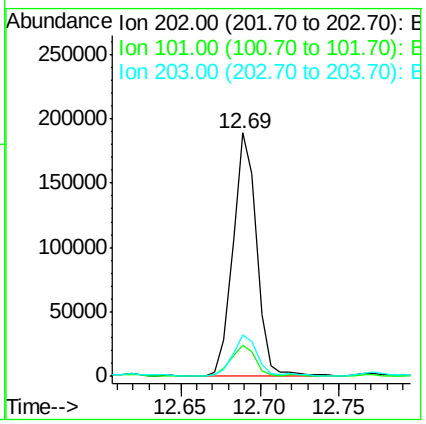


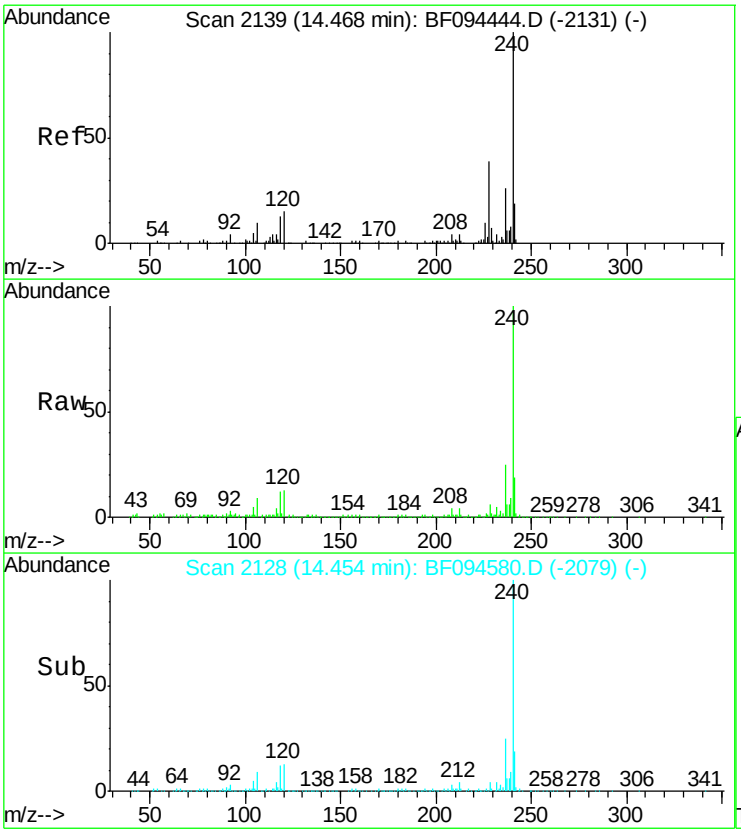
#74
Fluoranthene
Concen: 7.92 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:202 Resp: 193152

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.2	0.0	38.1

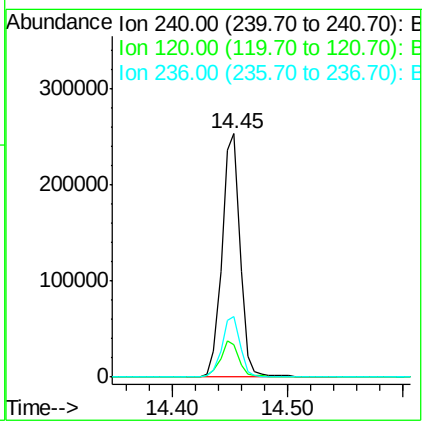


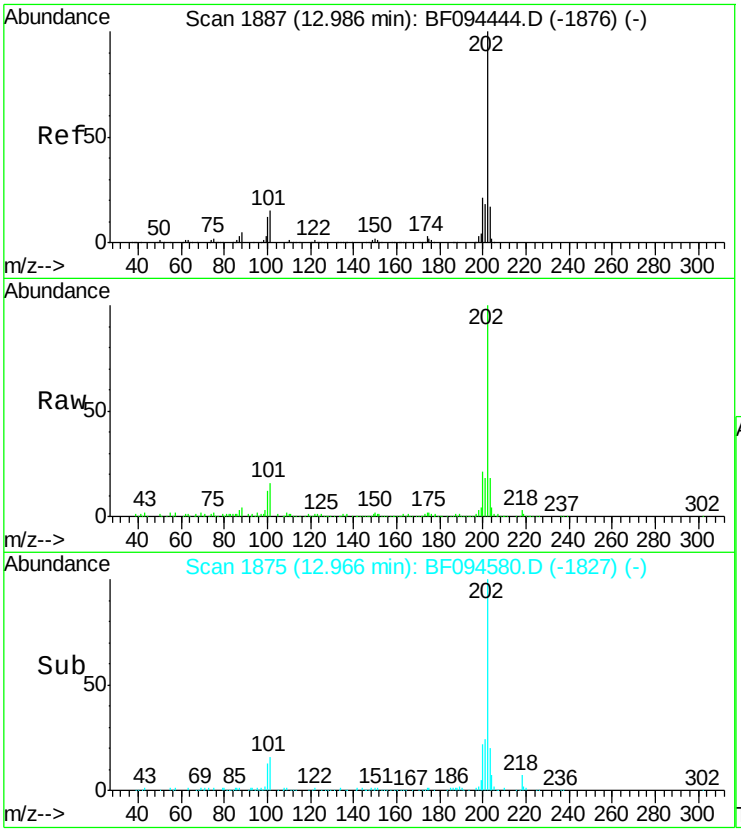


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:240 Resp: 276536

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.0	20.5	30.7



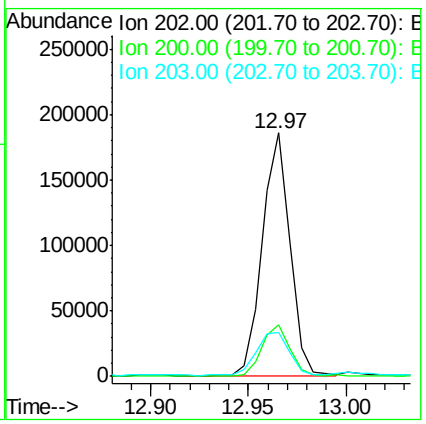


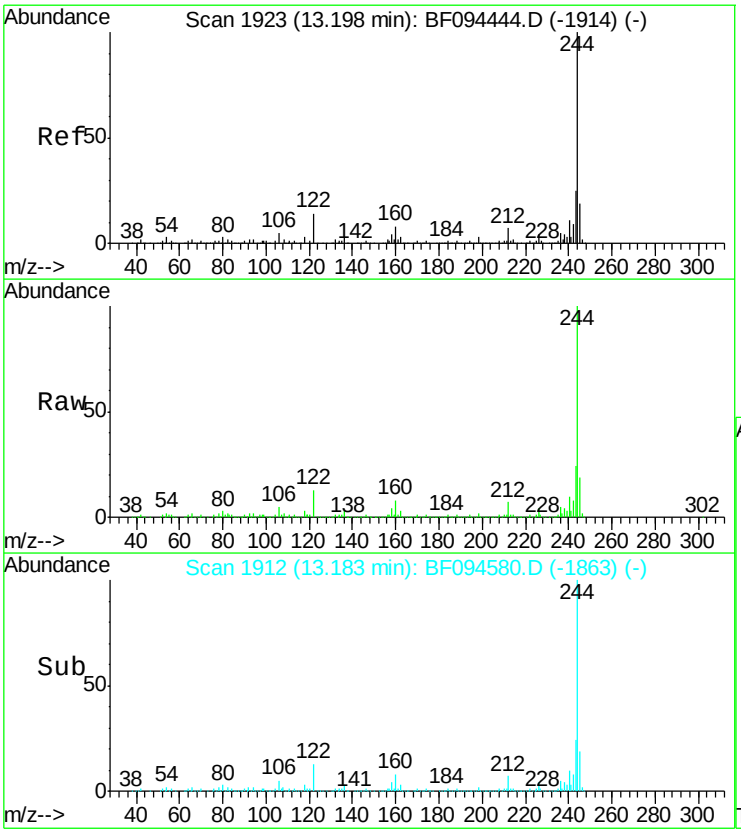
#77
Pyrene
Concen: 9.42 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:202 Resp: 181905

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.3	14.4	21.6

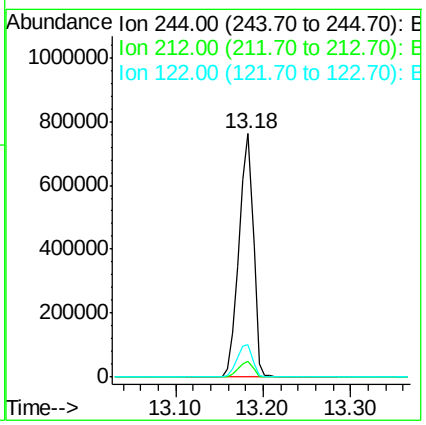


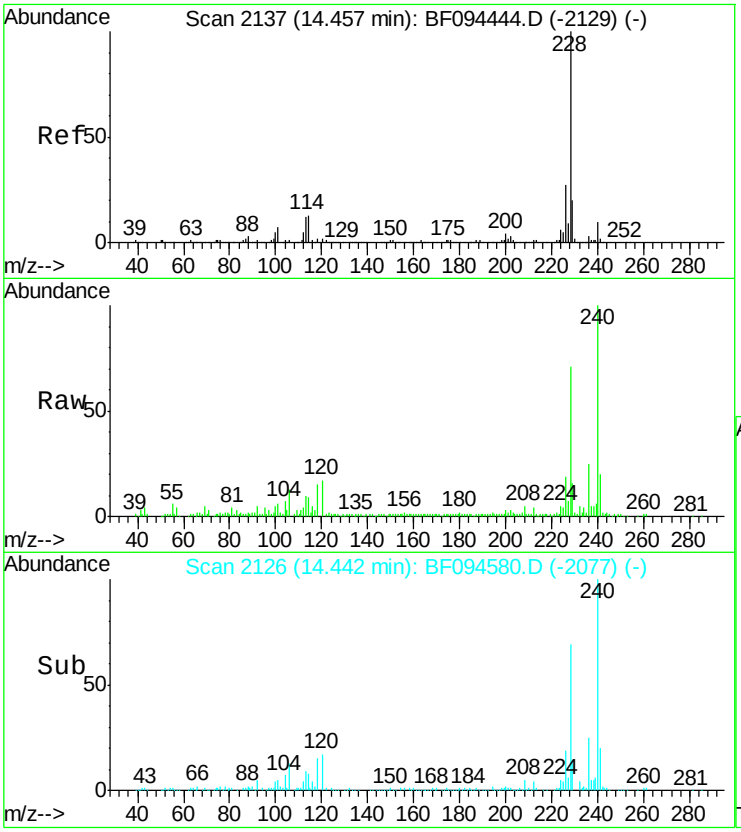


#78
Terphenyl-d14
Concen: 81.09 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:244 Resp: 838928

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.4	10.3	15.5



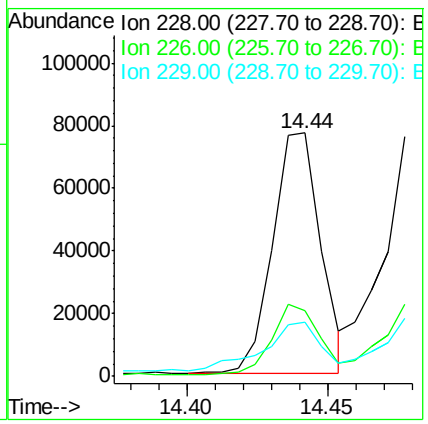


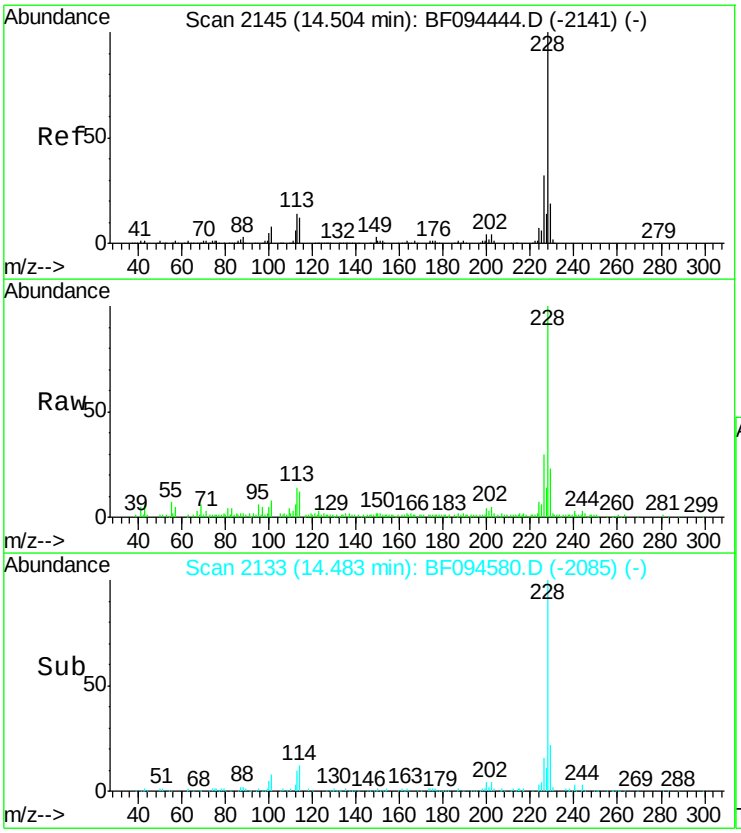
#80
Benzo(a)anthracene
Concen: 5.65 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:228 Resp: 90851

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	22.4	16.3	24.5

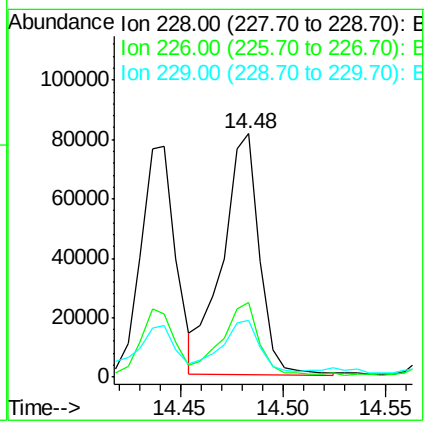


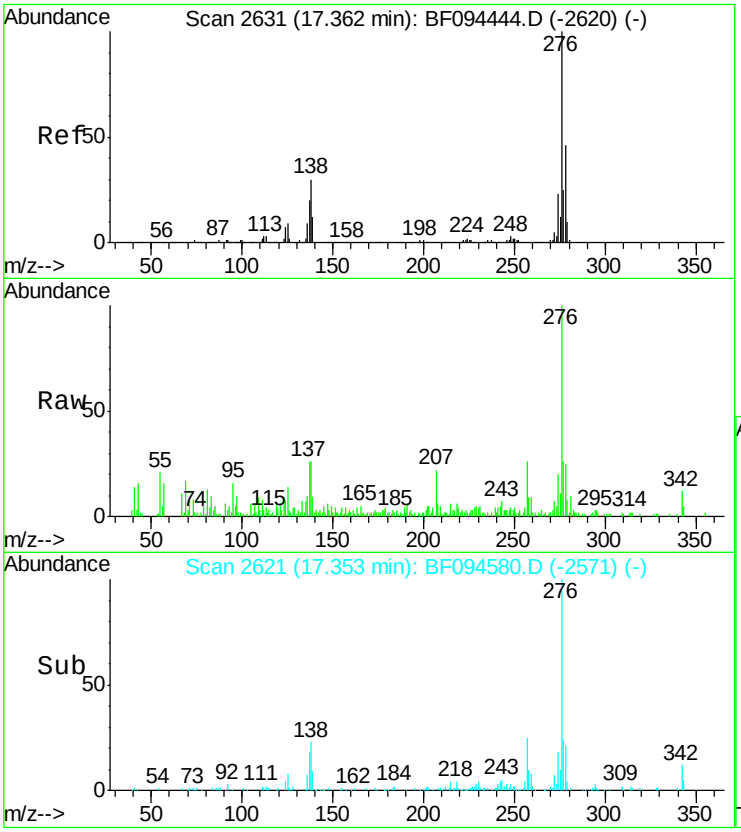


#82
Chrysene
Concen: 7.04 ng m
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:228 Resp: 103387

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	23.2	15.8	23.6



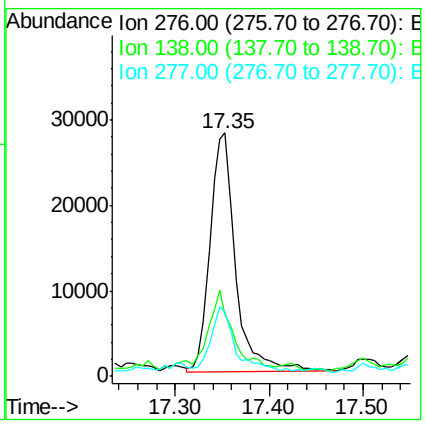


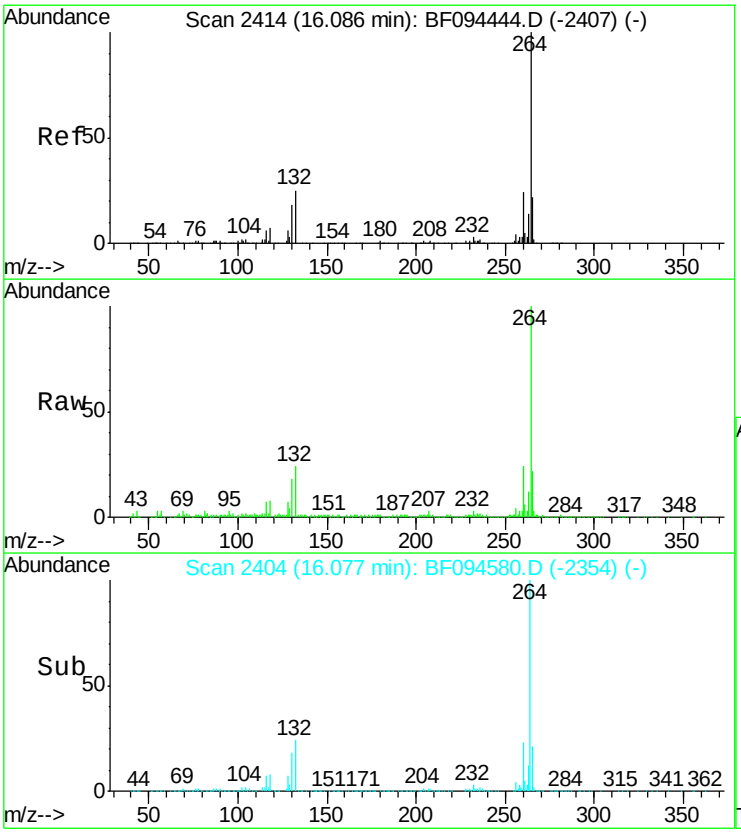
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.80 ng
RT: 17.35 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:276 Resp: 53128

Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.8	41.6
277	25.0	20.2	30.4

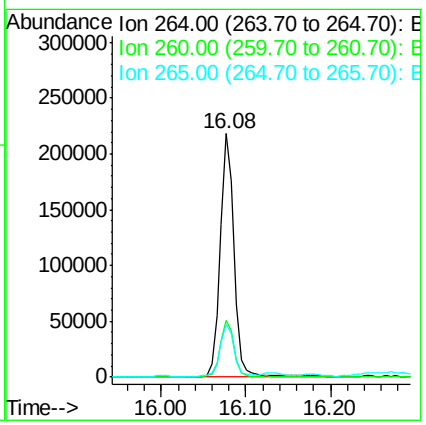


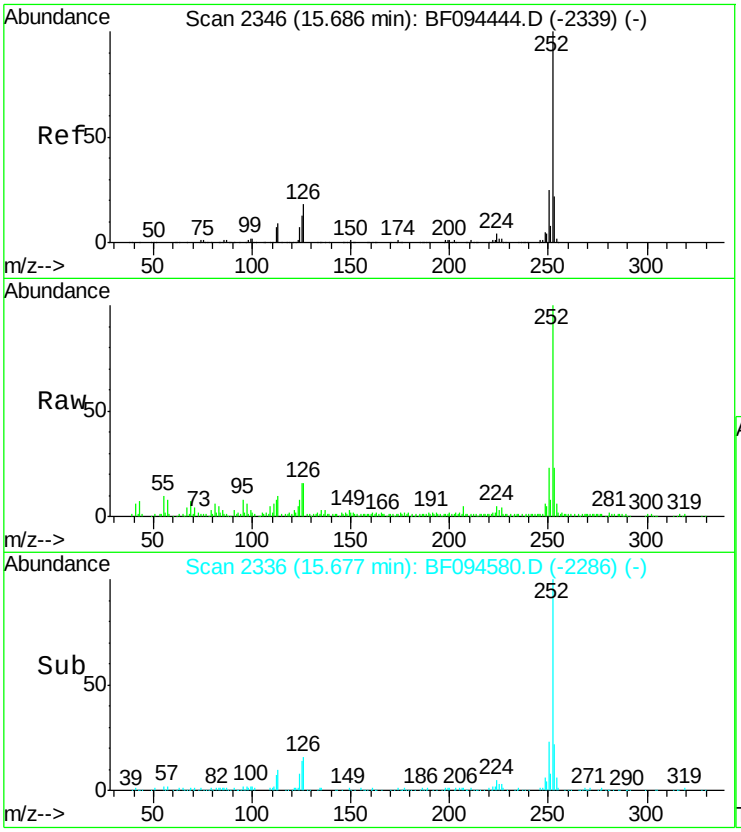


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:264 Resp: 251938

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	17.2	25.8



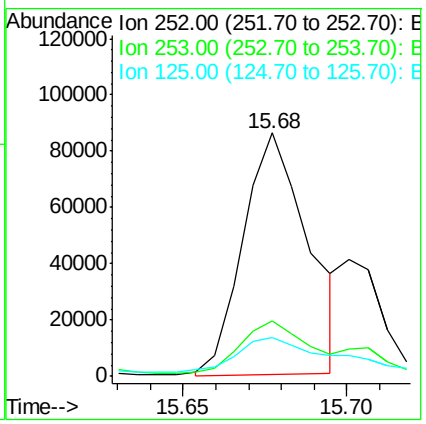


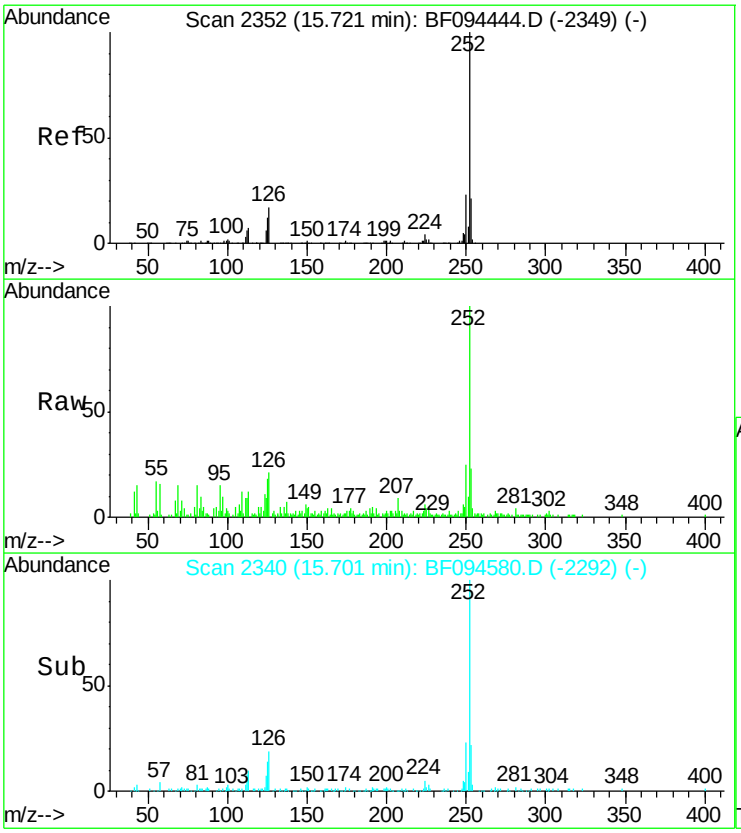
#87
Benzo(b)fluoranthene
Concen: 7.74 ng m
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:252 Resp: 119344

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.7	9.8	14.8#

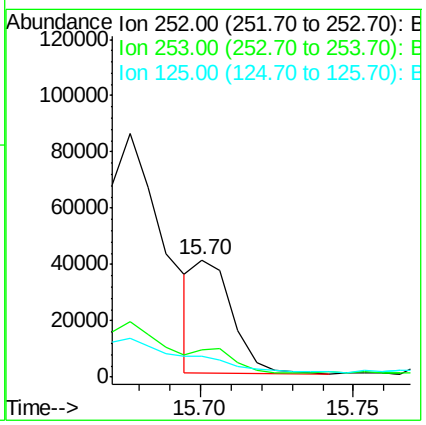


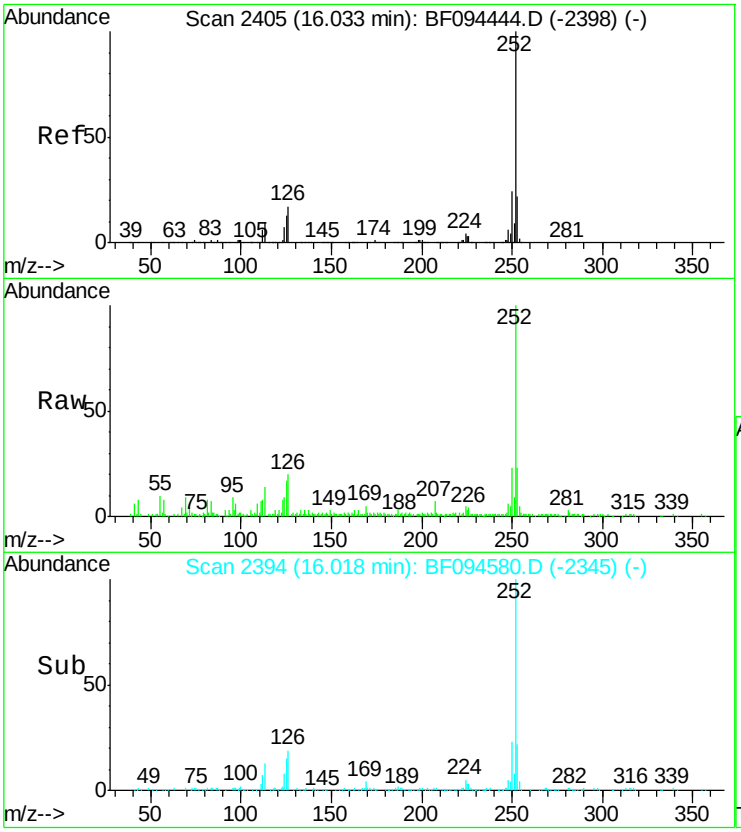


#88
Benzo(k)fluoranthene
Concen: 2.38 ng m
RT: 15.70 min Scan# 2340
Delta R.T. -0.02 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:252 Resp: 34774

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	17.9	13.1	19.7



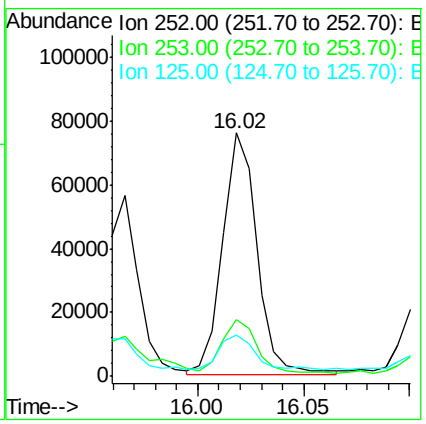


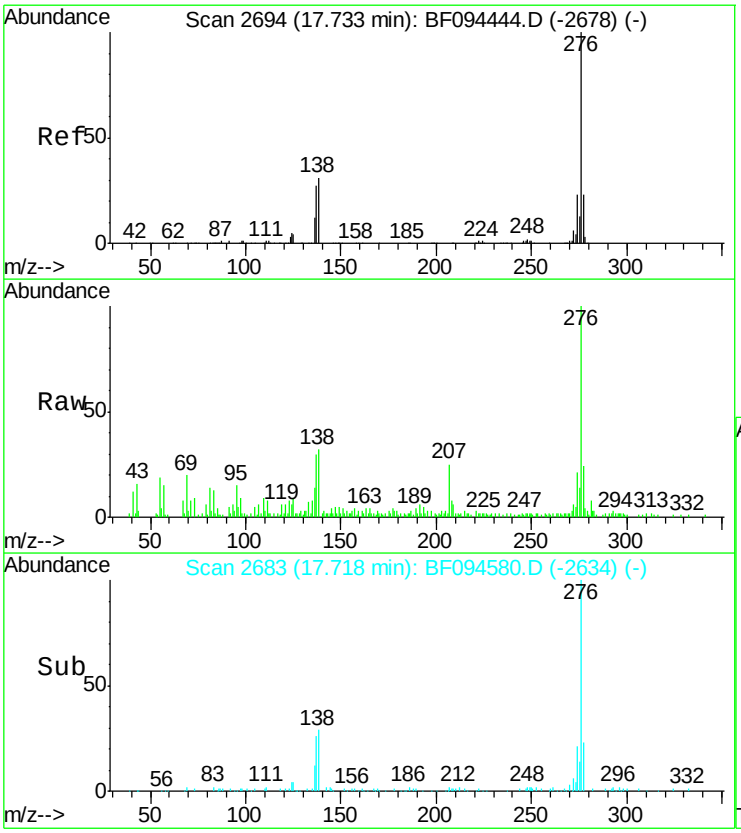
#89
Benzo(a)pyrene
Concen: 5.89 ng
RT: 16.02 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tgt Ion:252 Resp: 84442

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	16.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.49 ng
RT: 17.72 min Scan# 2683
Delta R.T. -0.01 min
Lab File: BF094580.D
Acq: 24 Apr 2017 12:54

Tgt Ion:276 Resp: 54423

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	32.2	25.4	38.0