Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096624.D
Acq On : 11 Jul 2017 1:56
Operator : SJ/JU
Sample : I4119-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 11 05:25:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	125084	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	445164	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	165946	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	239453	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	227122	20.00	ng		-0.02
86) Perylene-d12	15.23	264	185949	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	802003	94.64	ng		0.00
7) Phenol-d6	6.33	99	980680	94.13	ng		-0.02
23) Nitrobenzene-d5	7.25	82	555816	75.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	137240	105.88	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	888313	91.52	ng		-0.02
78) Terphenyl-d14	12.78	244	551573	51.89	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	73391	11.82	ng	#	88
25) Isophorone	7.25	82	551685	38.41	ng	#	67
49) Dimethylphthalate	9.44	163	286494	23.13	ng		98
56) 2,4-Dinitrotoluene	9.72	165	21391	6.17	ng	#	32
66) 4-Bromophenyl-phenylether	10.50	248	9064	3.89	ng	#	1
70) Phenanthrene	11.22	178	47150	3.64	ng		99
74) Fluoranthene	12.40	202	75000	5.91	ng		99
77) Pyrene	12.63	202	94800	5.20	ng		97
80) Benzo(a)anthracene	13.84	228	43047	3.27	ng		93
82) Chrysene	13.84	228	43047	3.13	ng		96
87) Benzo(b)fluoranthene	14.83	252	56251	4.83	ng	#	86
88) Benzo(k)fluoranthene	14.83	252	56251	5.40	ng	#	91
89) Benzo(a)pyrene	15.16	252	32613	3.14	ng	#	89
91) Benzo(g,h,i)perylene	16.96	276	17205	2.03	ng	#	87

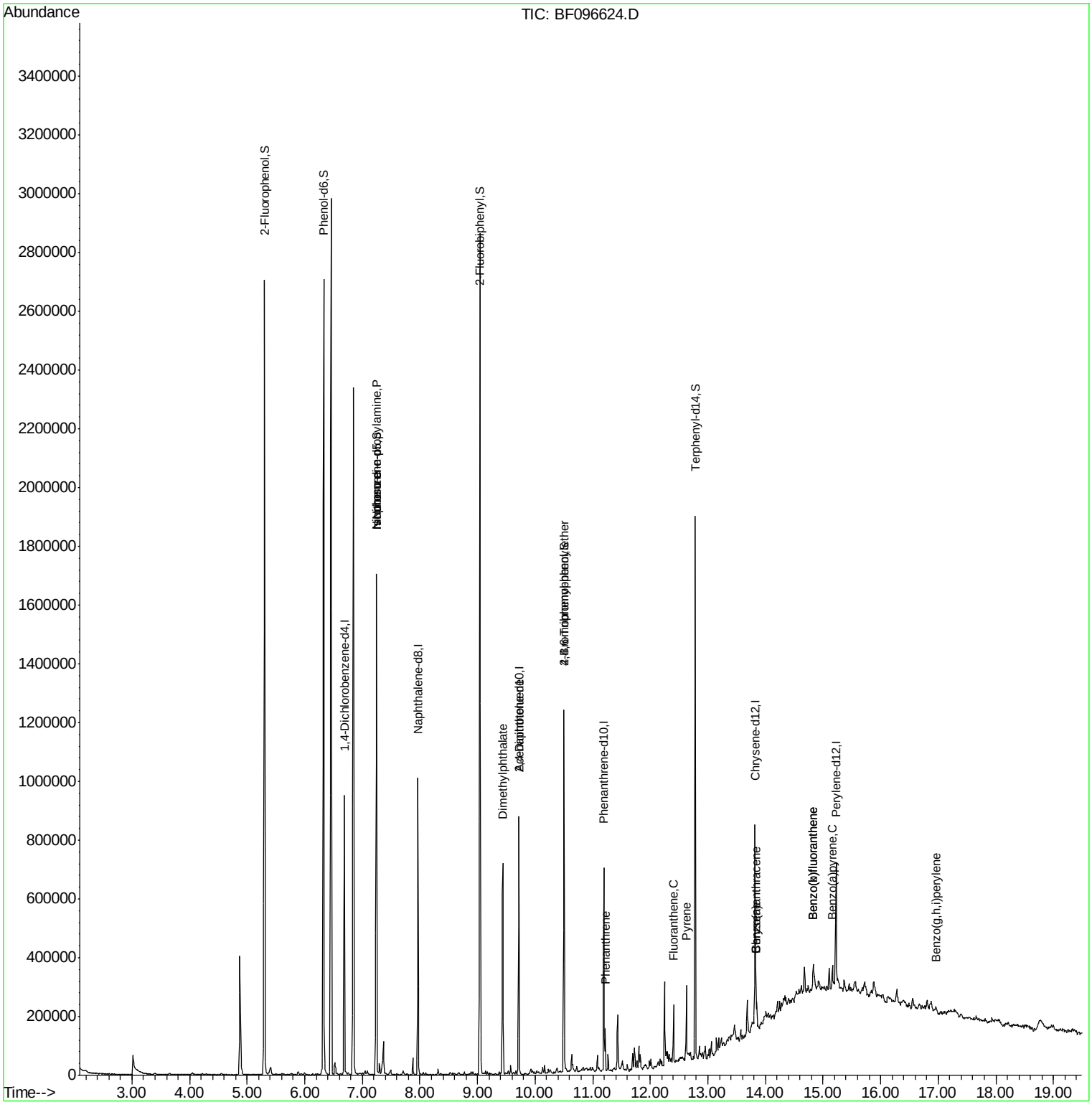
(#) = qualifier out of range (m) = manual integration (+) = signals summed

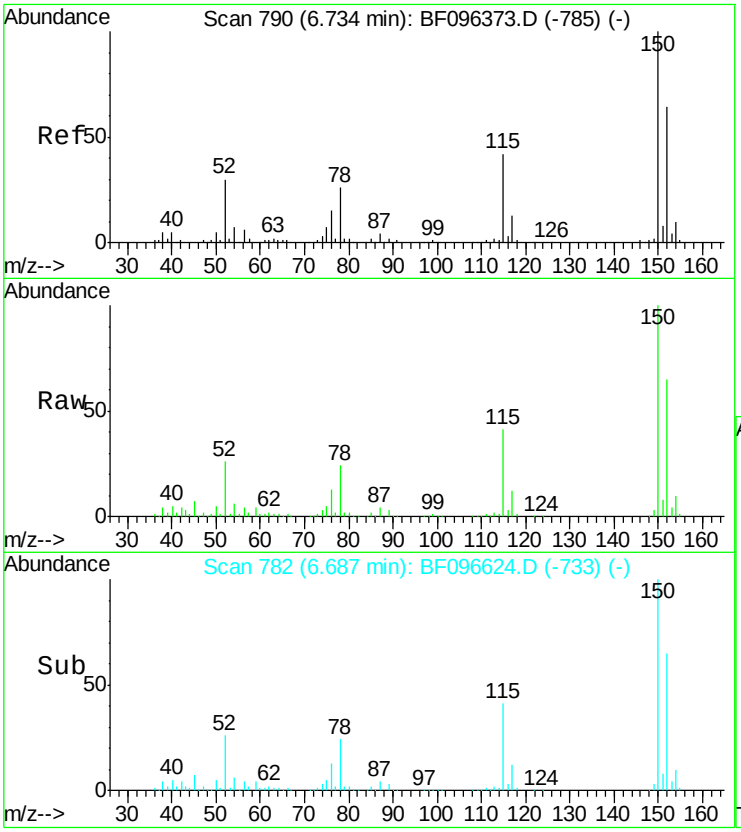
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096624.D
Acq On : 11 Jul 2017 1:56
Operator : SJ/JU
Sample : I4119-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 05:25:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration



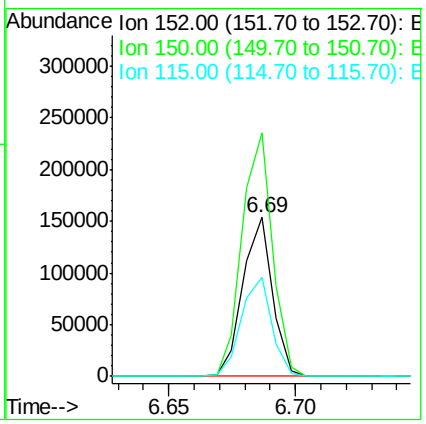


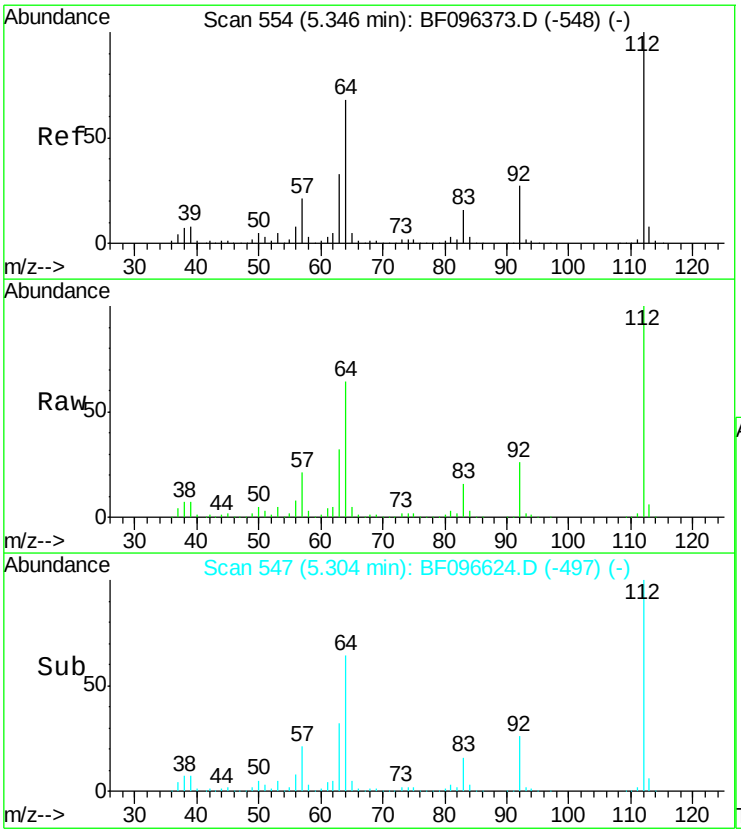
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125084

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	62.4	52.2	78.2

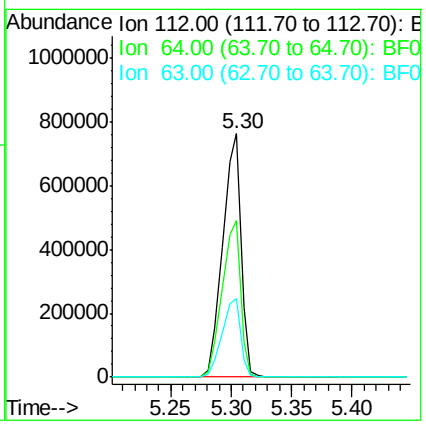


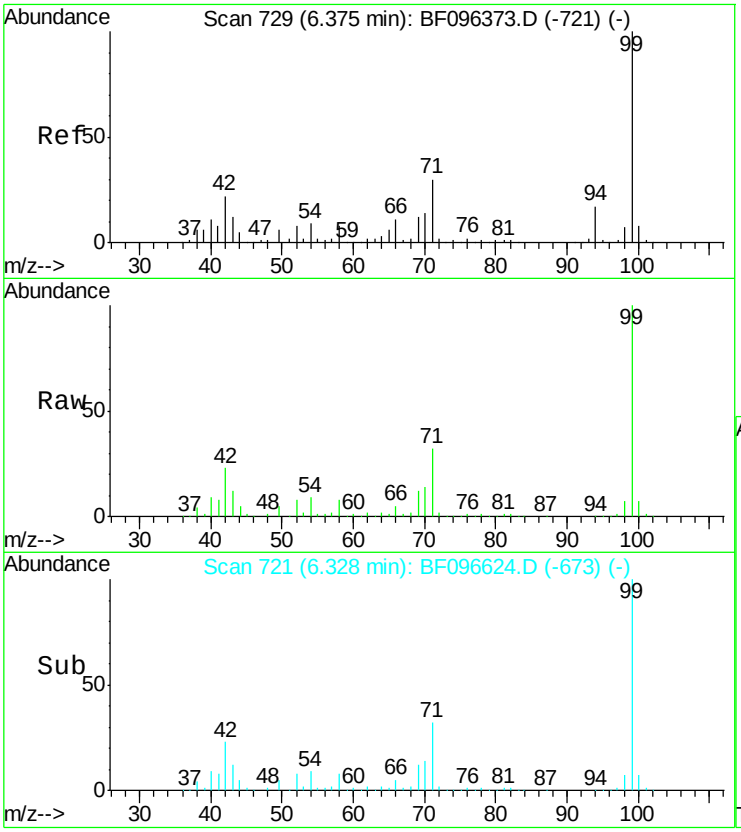


#5
2-Fluorophenol
Concen: 94.64 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:112 Resp: 802003

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	32.1	23.4	35.0



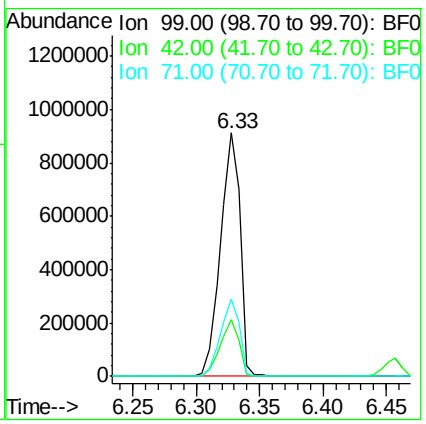


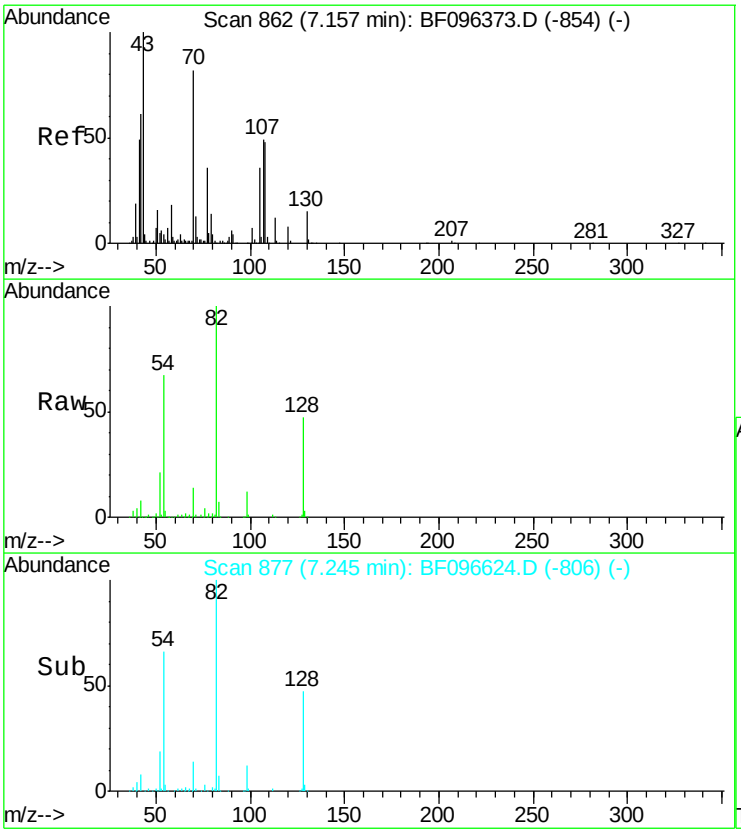
#7
Phenol-d6
Concen: 94.13 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 980680

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	31.9	24.5	36.7

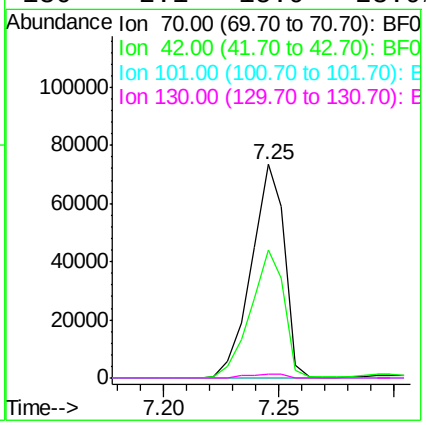


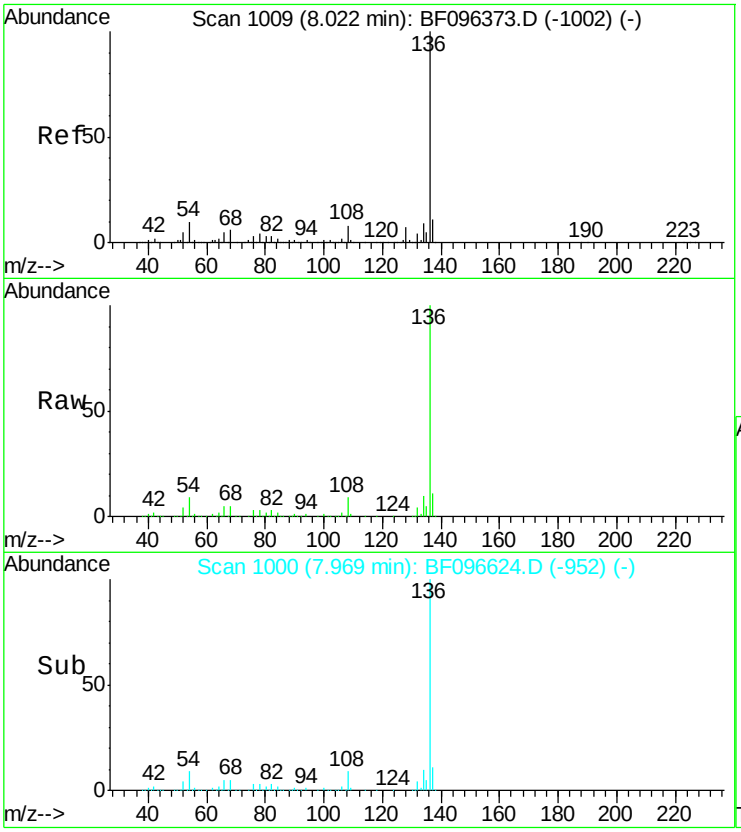


#19
n-Nitroso-di-n-propylamine
Concen: 11.82 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion: 70 Resp: 73391

Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



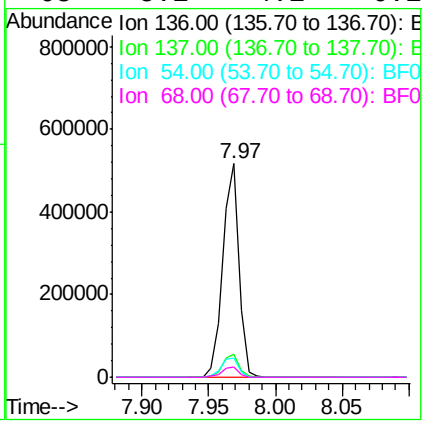


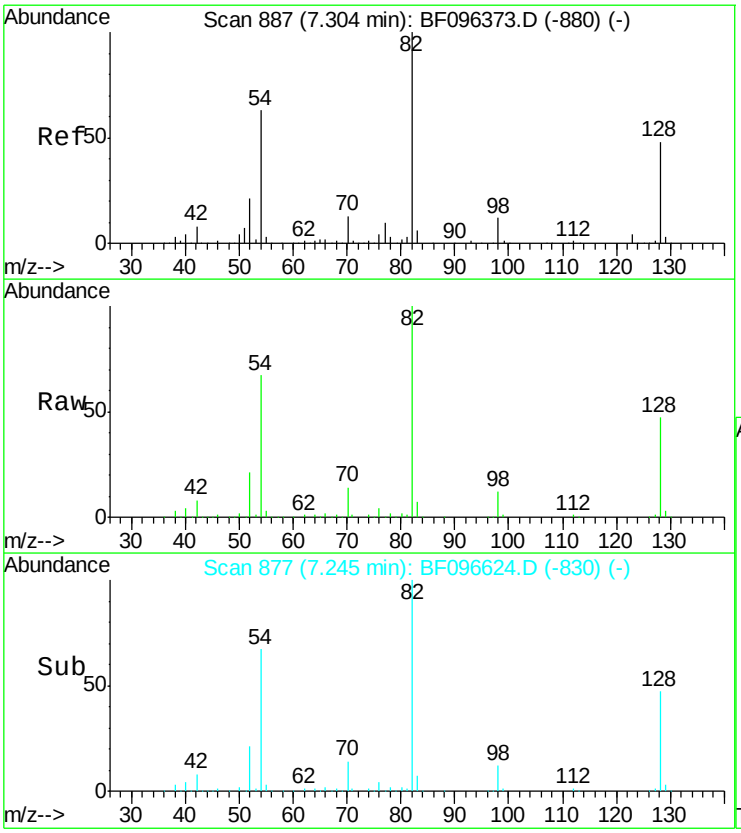
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 445164

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.1	4.9	7.3#
68	5.1	4.1	6.1

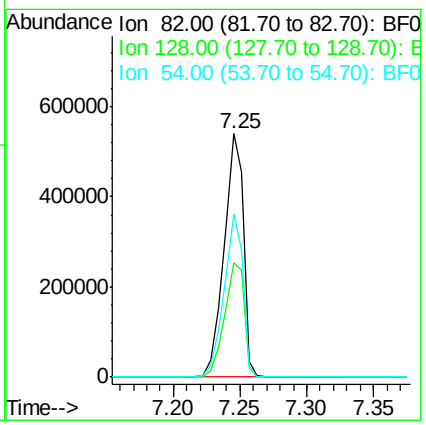


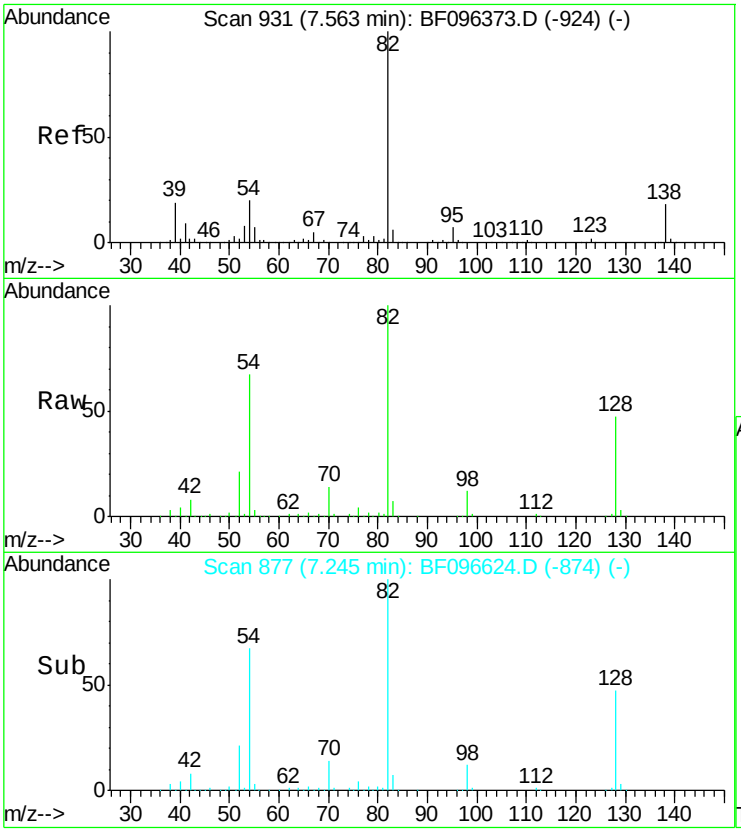


#23
Nitrobenzene-d5
Concen: 75.03 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion: 82 Resp: 555816

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	66.9	42.2	63.2#



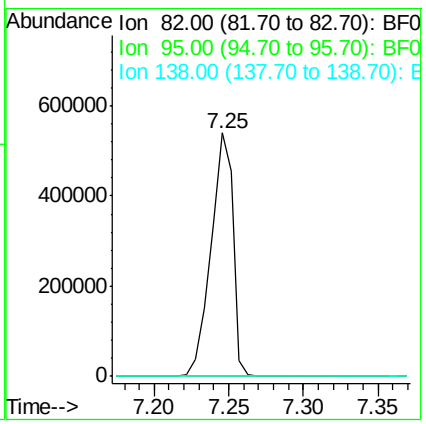


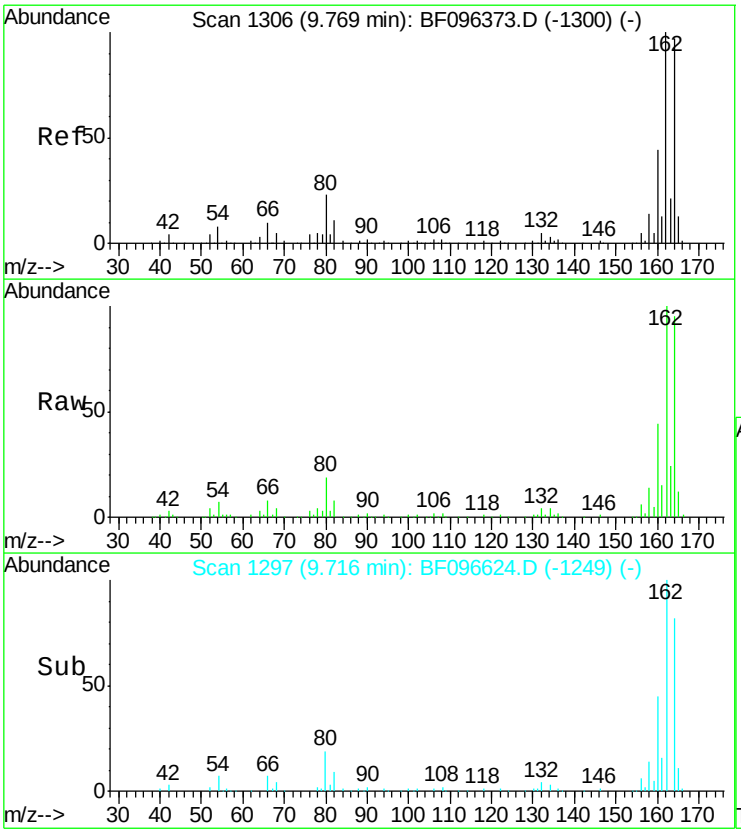
#25
Isophorone
Concen: 38.41 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 551685

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

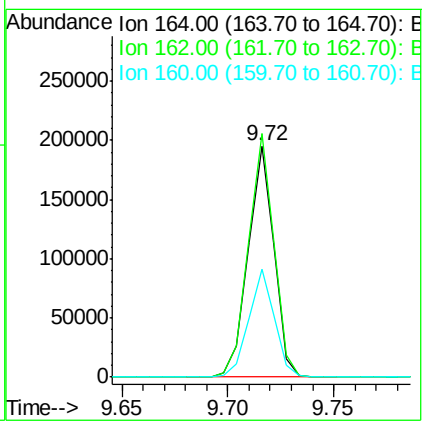


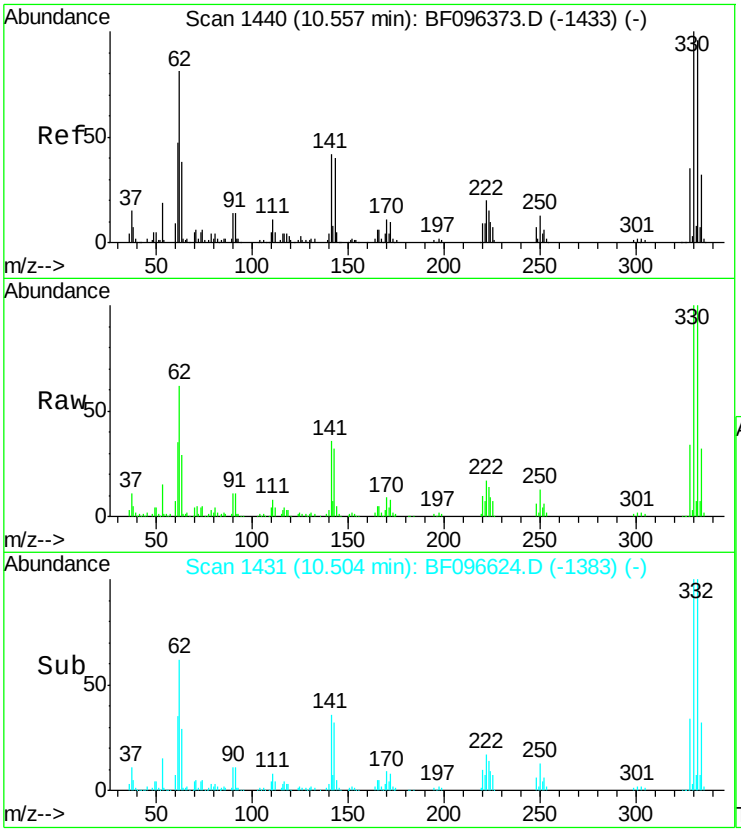


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:164 Resp: 165946

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	46.6	36.2	54.2



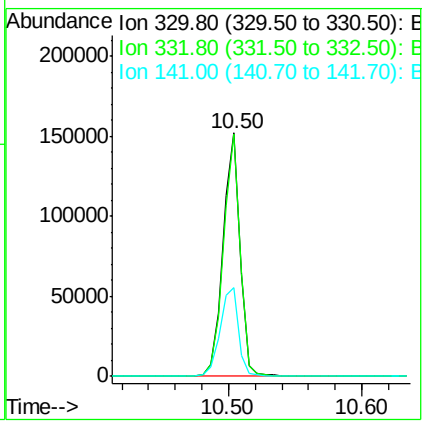


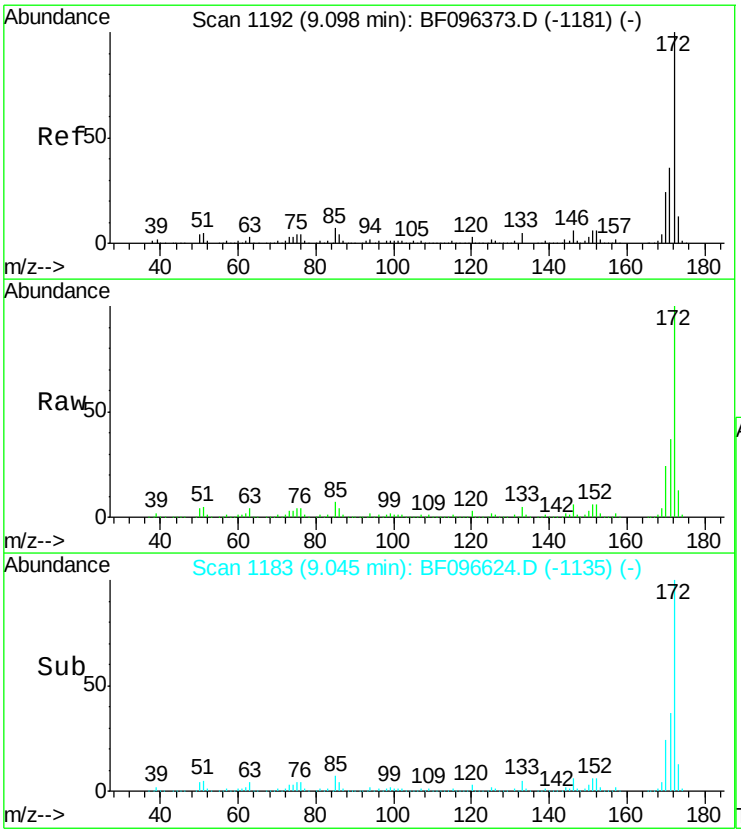
#41
2,4,6-Tribromophenol
Concen: 105.88 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 137240

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	39.3	31.4	47.2

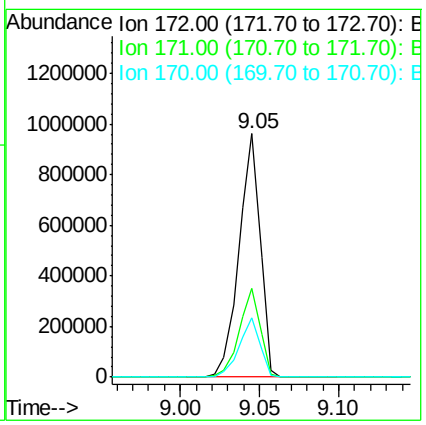


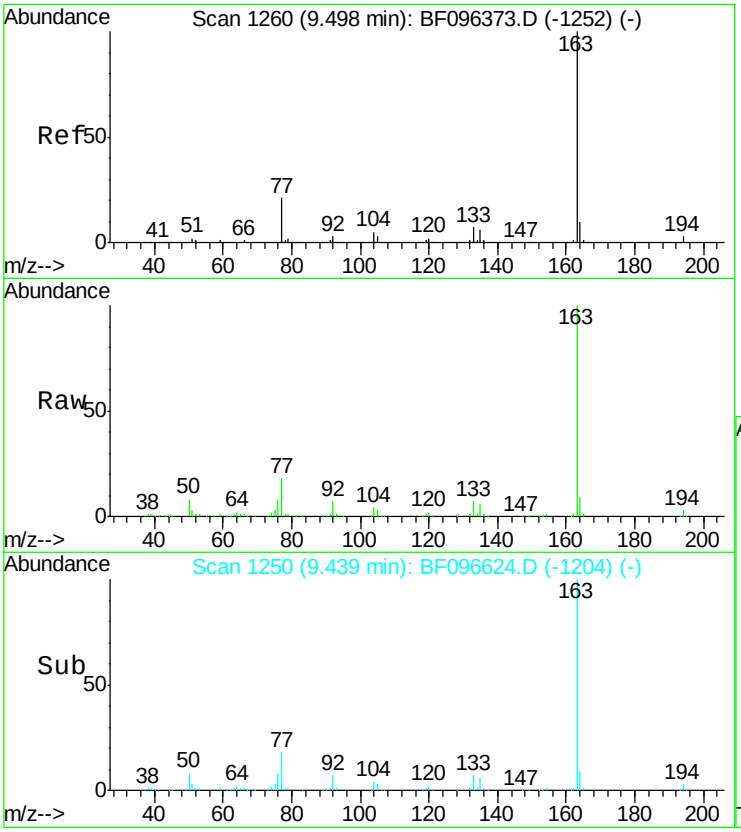


#44
2-Fluorobiphenyl
Concen: 91.52 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:172 Resp: 888313

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8



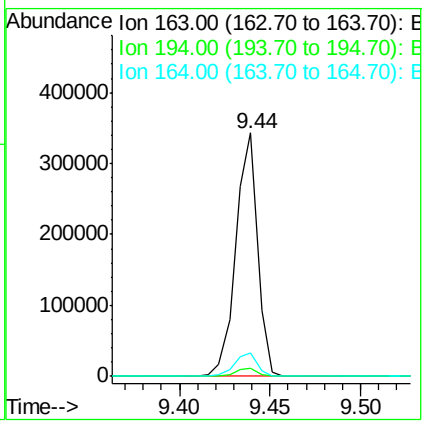


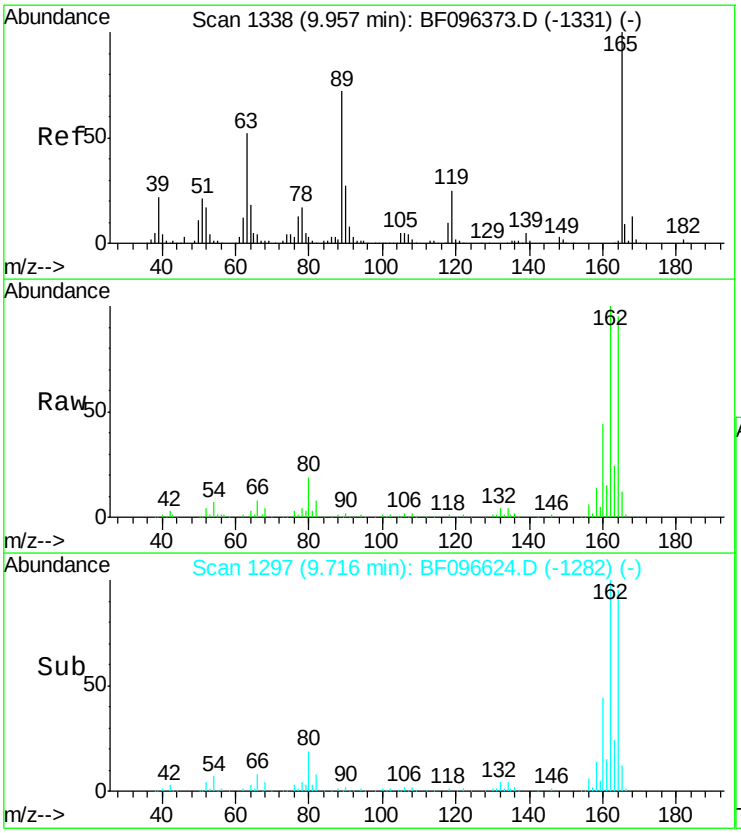
#49
Dimethylphthalate
Concen: 23.13 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 286494

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

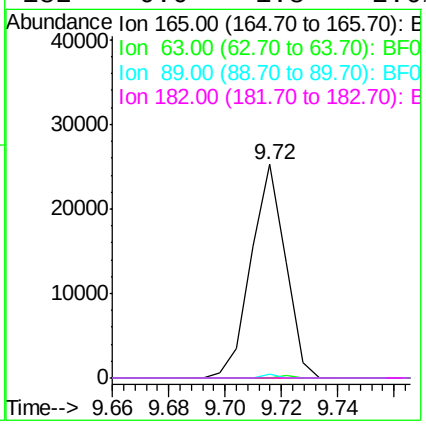


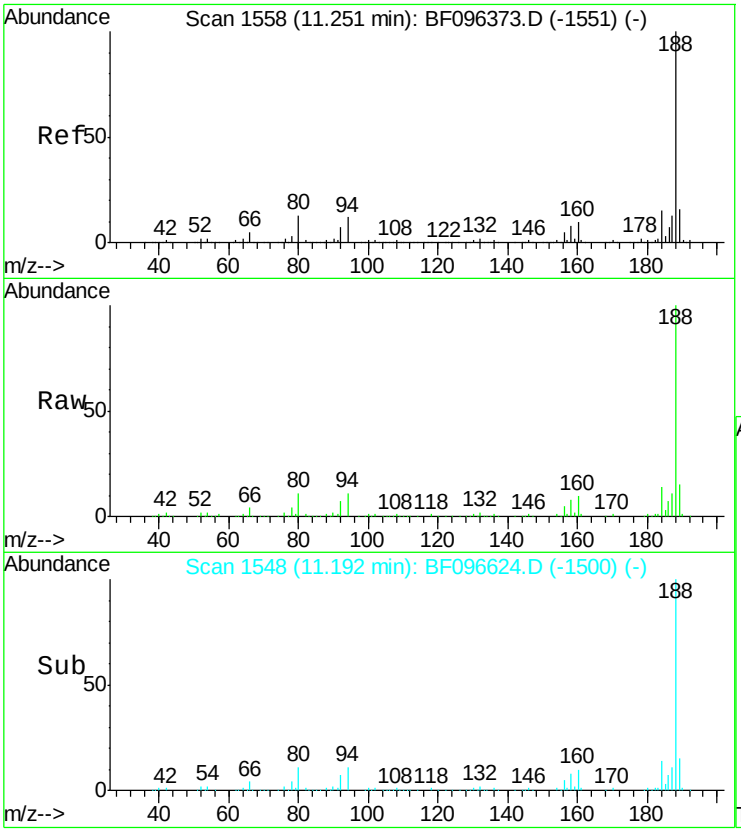


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:165 Resp: 21391

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



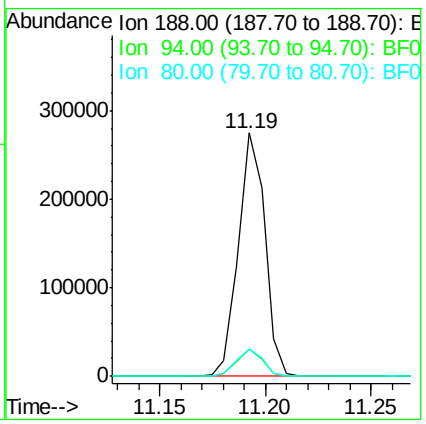


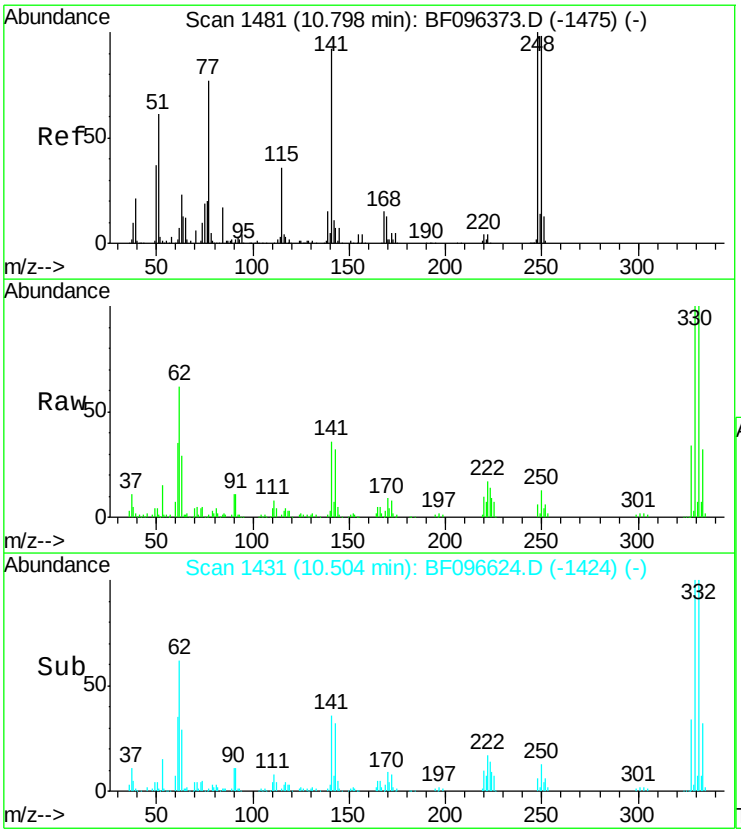
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 239453

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.1	10.2	15.2

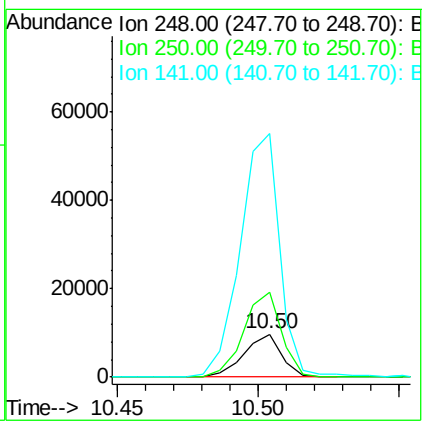


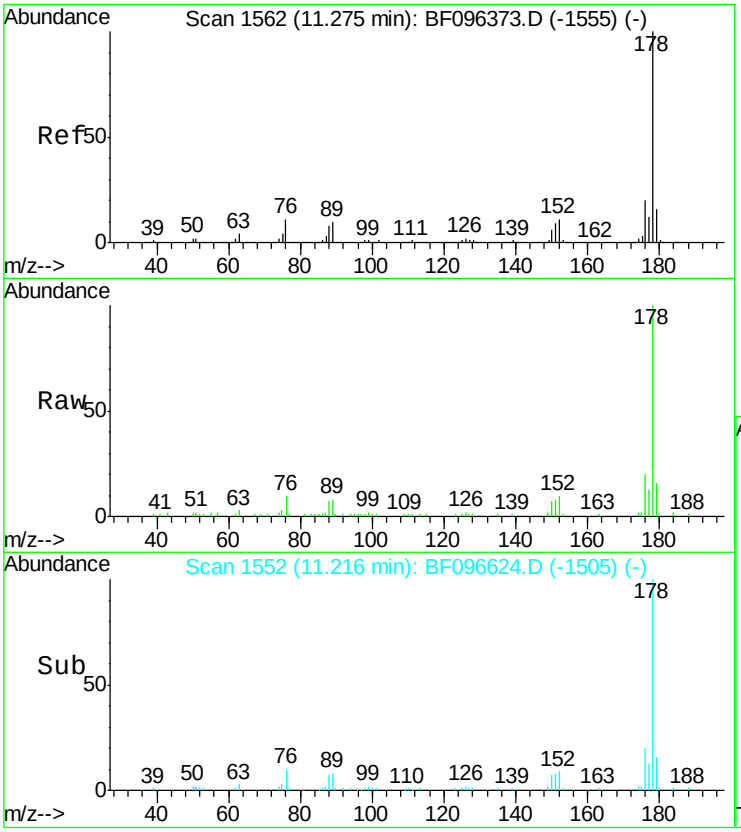


#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:248 Resp: 9064

Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.8	115.2#
141	563.6	68.6	103.0#



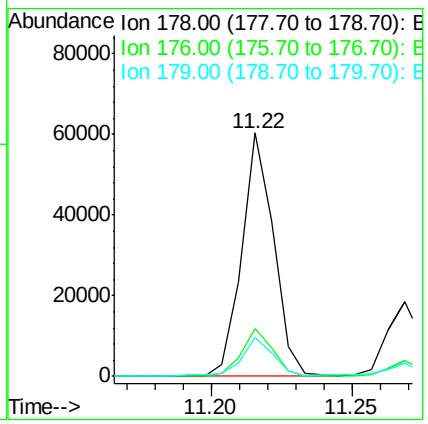


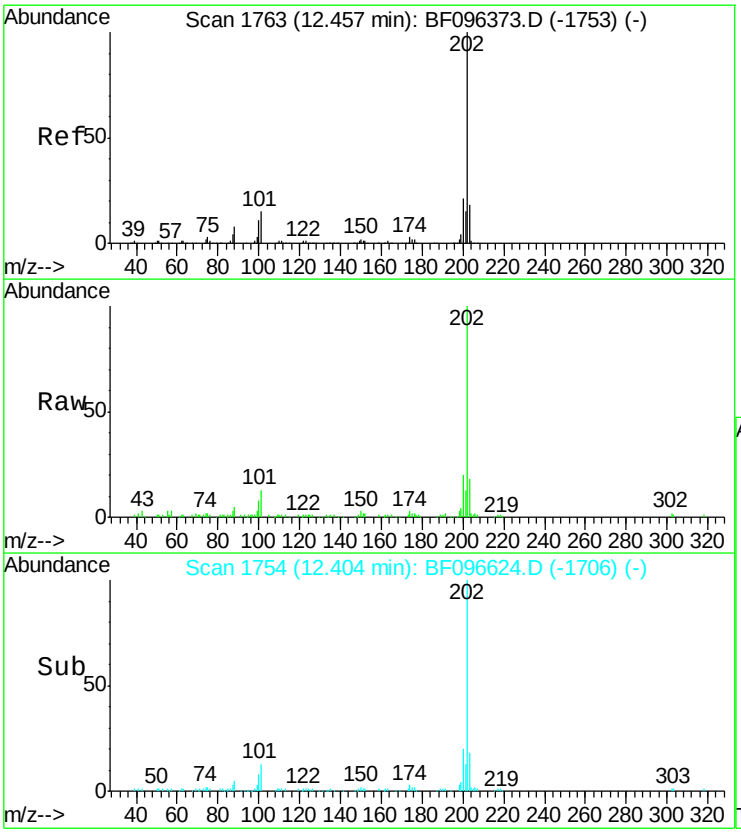
#70
Phenanthrene
Concen: 3.64 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47150

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.8	12.6	19.0

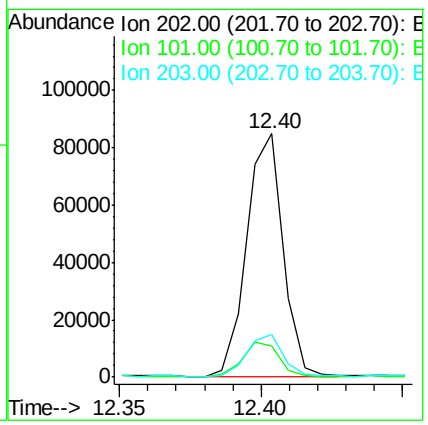


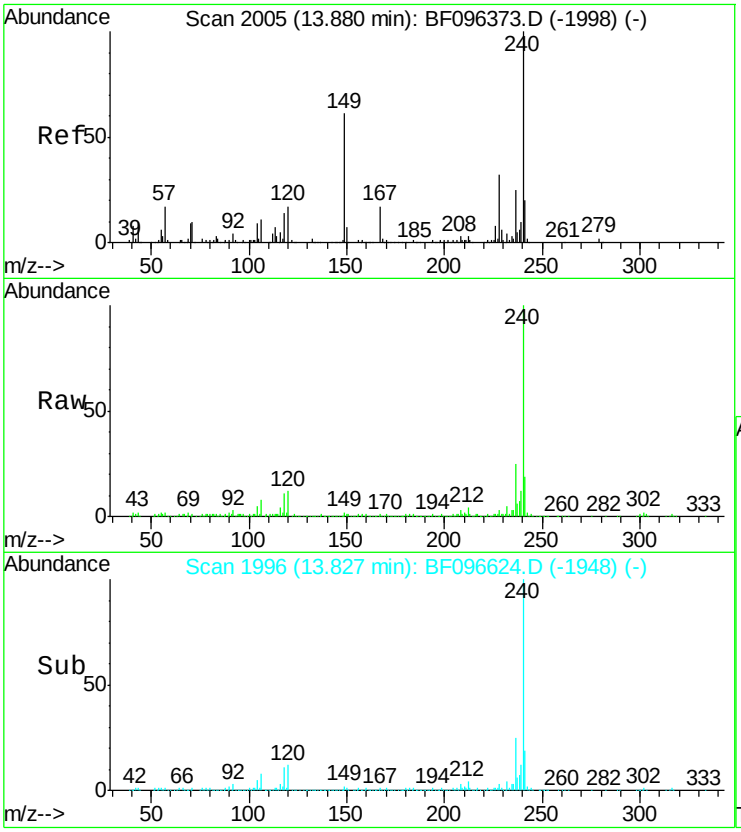


#74
Fluoranthene
Concen: 5.91 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:202 Resp: 75000

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.6	0.0	38.1



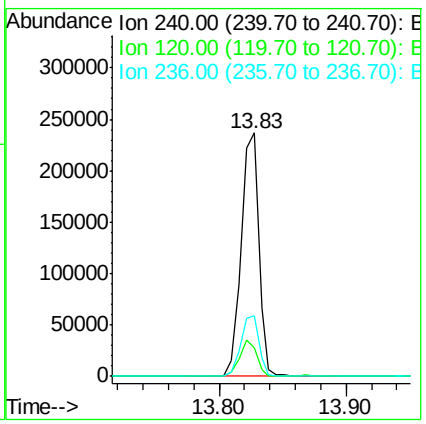


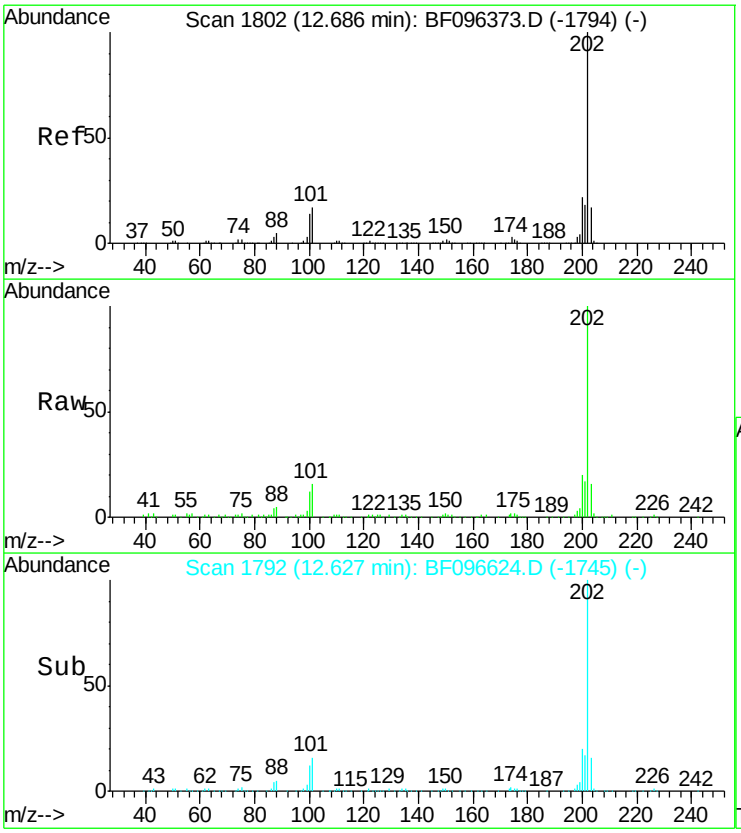
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 227122

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.8	8.8#
236	24.9	20.5	30.7

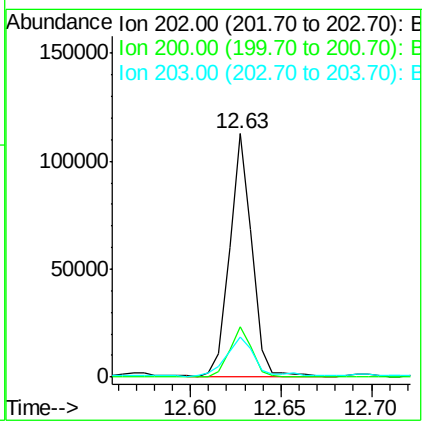


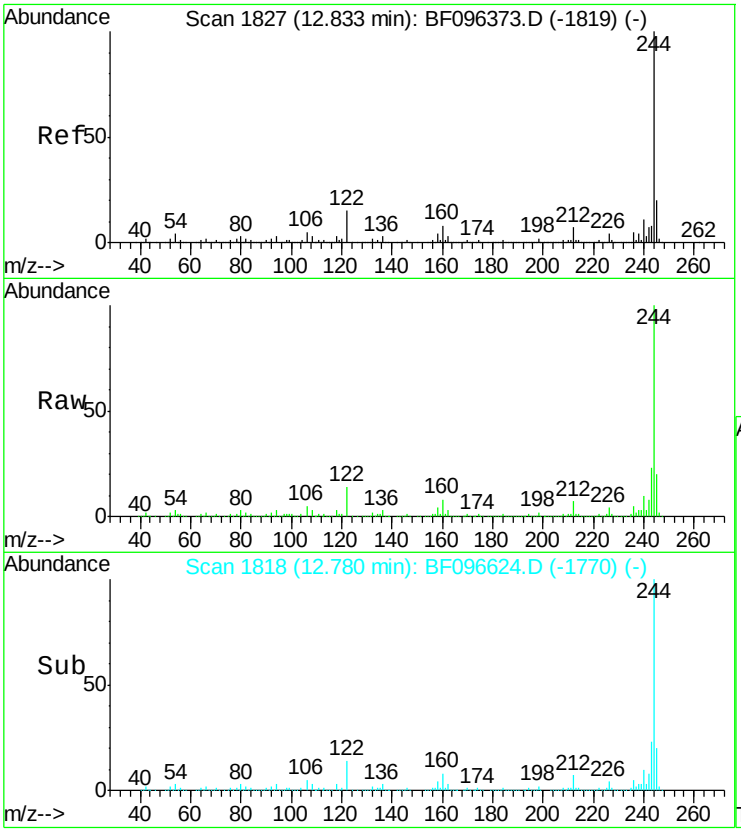


#77
Pyrene
Concen: 5.20 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:202 Resp: 94800

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	16.4	14.4	21.6



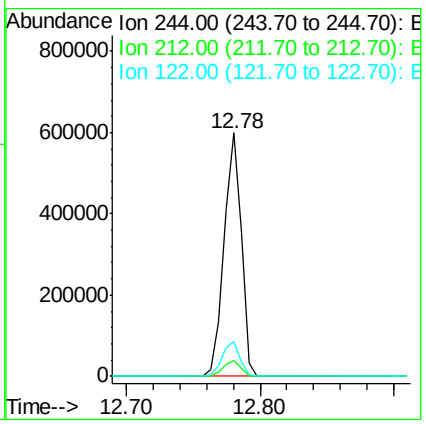


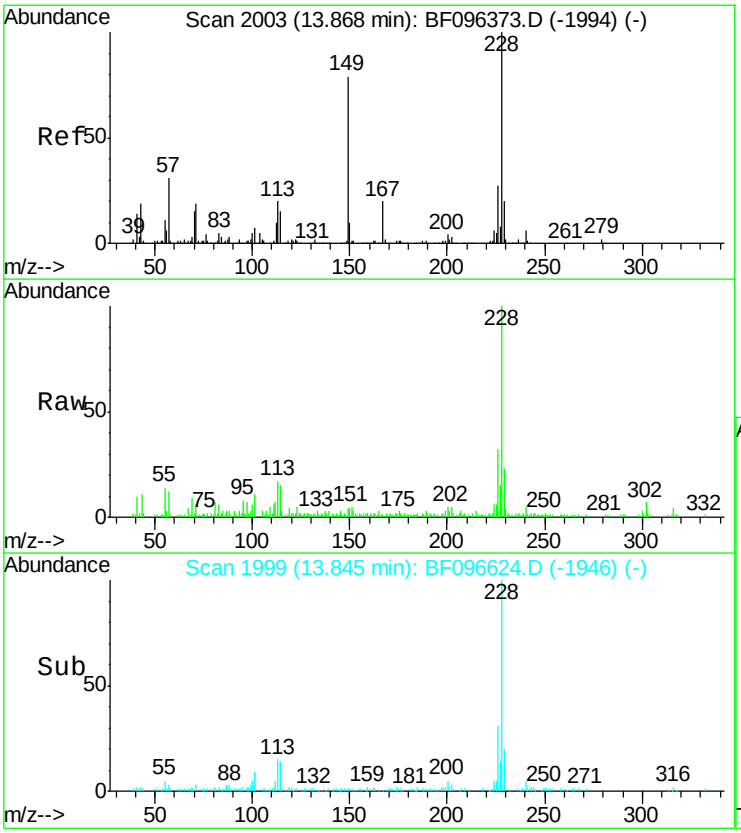
#78
Terphenyl-d14
Concen: 51.89 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 551573

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.5	10.3	15.5

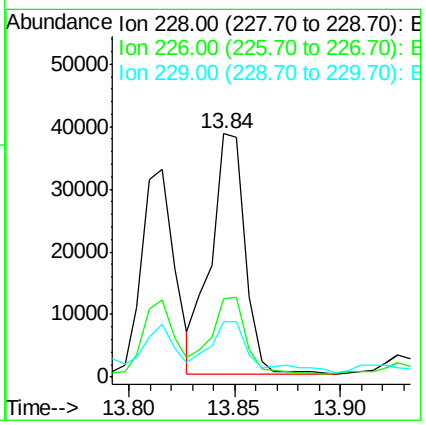


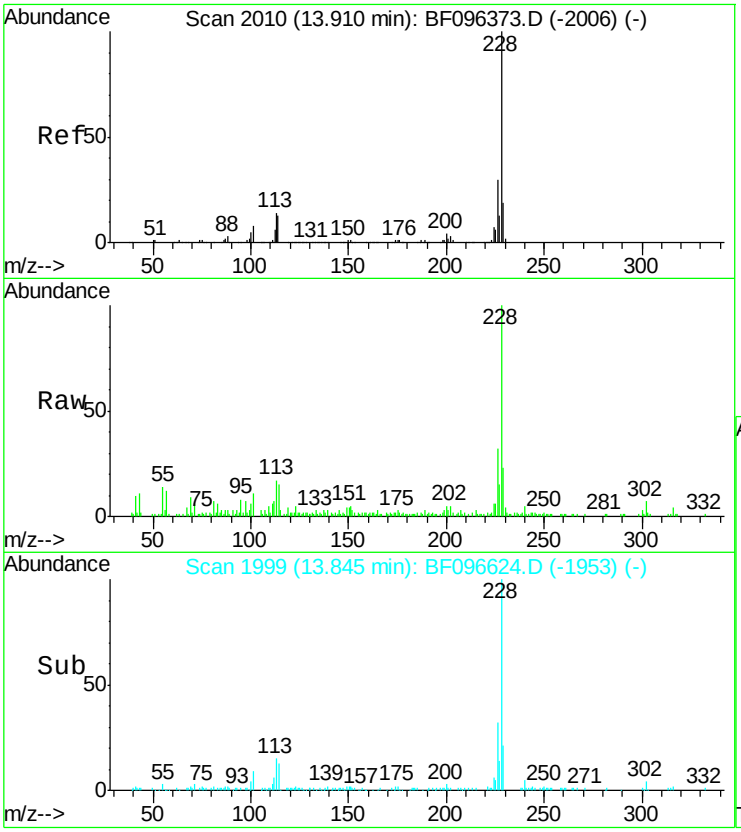


#80
Benzo(a)anthracene
Concen: 3.27 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:228 Resp: 43047

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	22.7	16.3	24.5



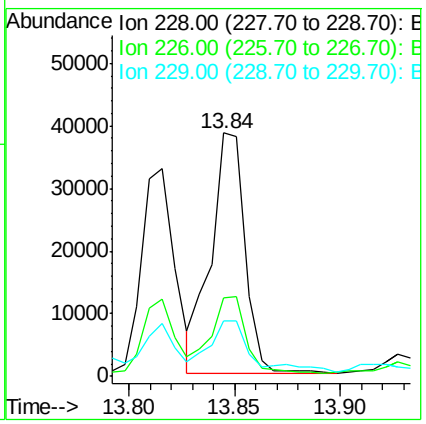


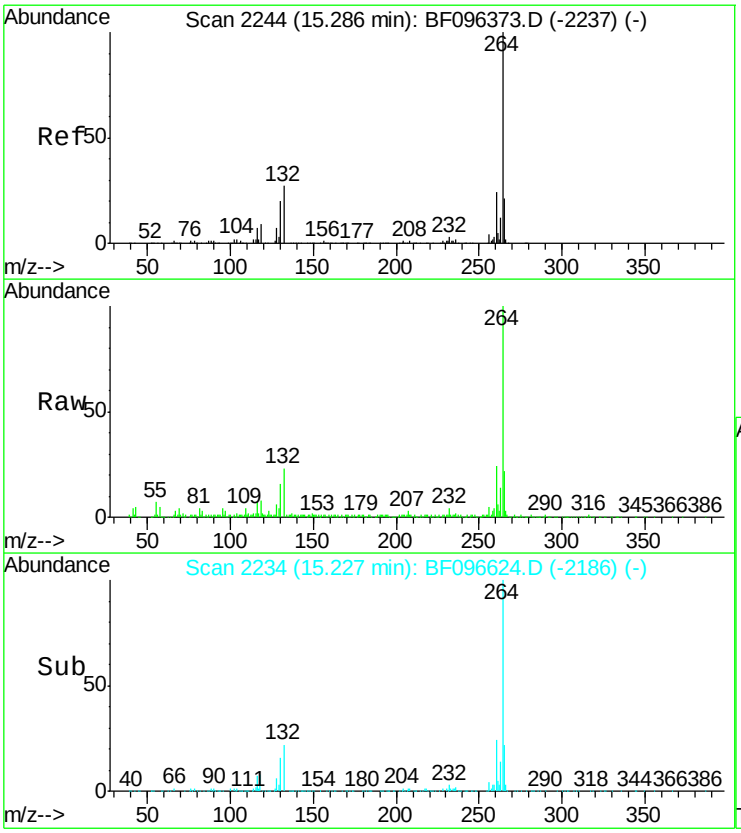
#82
Chrysene
Concen: 3.13 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.03 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 43047

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.7	15.8	23.6

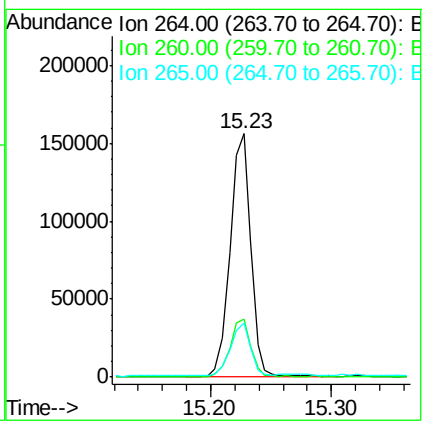


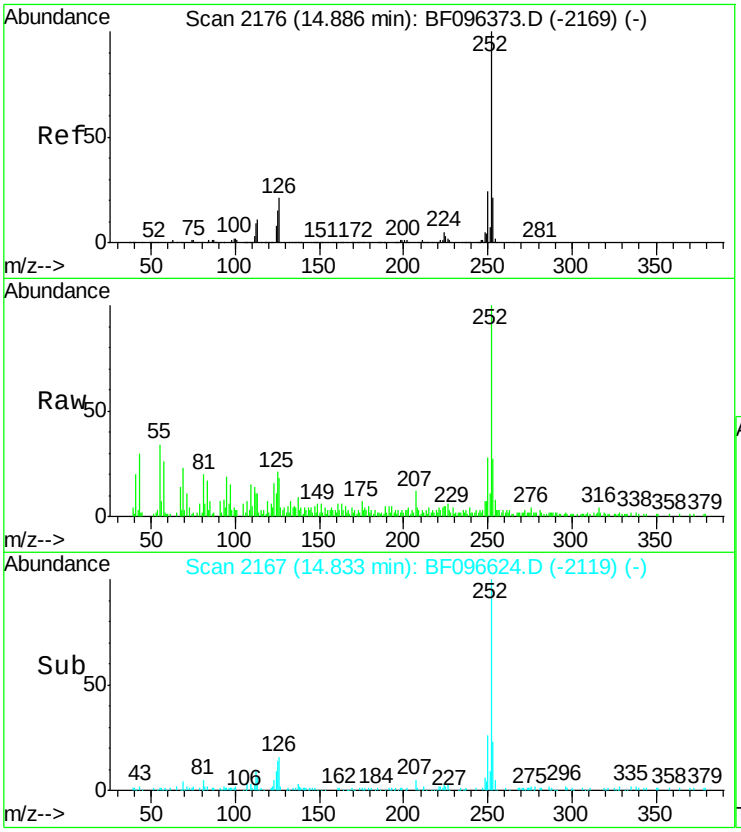


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:264 Resp: 185949

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.1	17.2	25.8



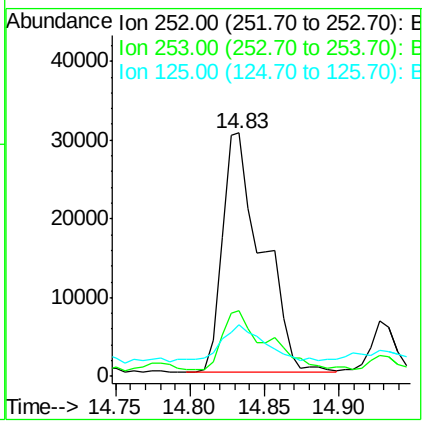


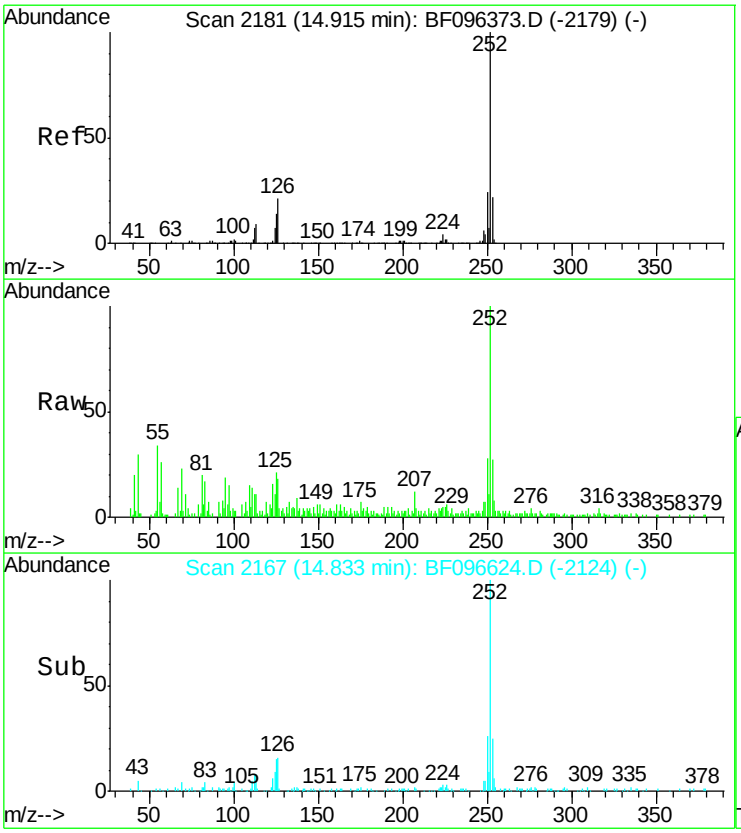
#87
Benzo(b)fluoranthene
Concen: 4.83 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 56251

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.1	27.1
125	21.4	9.8	14.8#

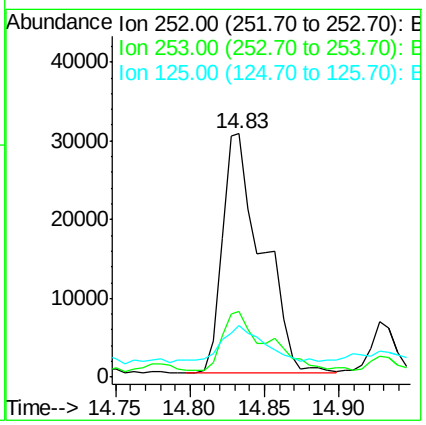


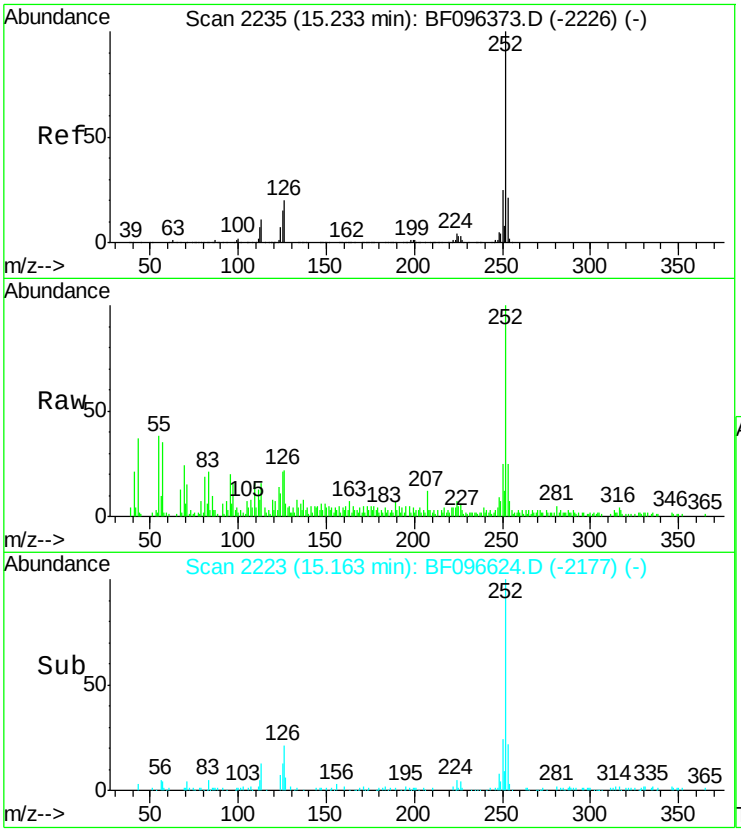


#88
Benzo(k)fluoranthene
Concen: 5.40 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:252 Resp: 56251

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.4	27.6
125	21.4	13.1	19.7#



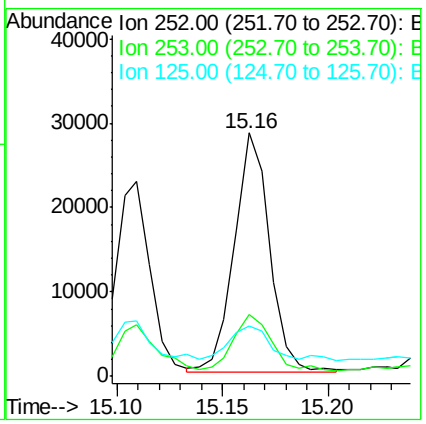


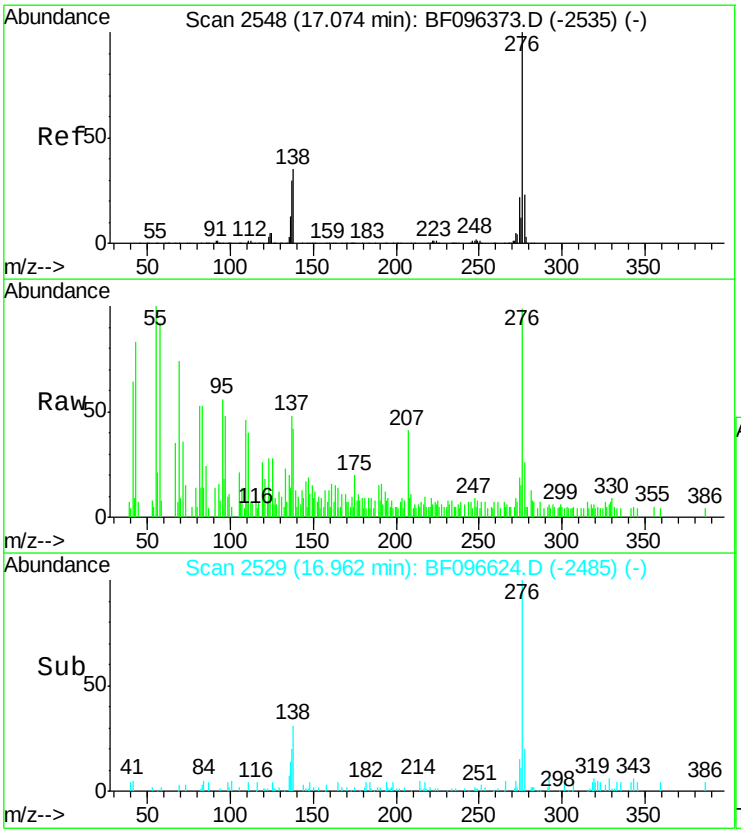
#89
Benzo(a)pyrene
Concen: 3.14 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32613

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	20.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.03 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF096624.D
Acq: 11 Jul 2017 1:56

Tgt Ion:276 Resp: 17205

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.6	28.0
138	42.2	25.4	38.0#