Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096652.D
Acq On : 11 Jul 2017 18:54
Operator : SJ/JU
Sample : I4069-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(6.5-7.0)

Quant Time: Jul 12 01:12:37 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	6.68	152	106322	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	392220	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	143432	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	203519	20.00	ng		-0.02
75) Chrysene-d12	13.82	240	218820	20.00	ng		-0.02
86) Perylene-d12	15.23	264	201026	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	310525	43.11	ng		-0.02
7) Phenol-d6	6.32	99	360377	40.69	ng		-0.03
23) Nitrobenzene-d5	7.24	82	213854	32.76	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	47884	42.74	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	328656	39.18	ng		-0.02
78) Terphenyl-d14	12.77	244	210954	20.60	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.24	82	211191	16.688	ng	#	68
49) Dimethylphthalate	9.43	163	36039	3.366	ng	#	98
56) 2,4-Dinitrotoluene	9.72	165	18806	6.272	ng	#	34
70) Phenanthrene	11.22	178	70502	6.408	ng		98
74) Fluoranthene	12.40	202	122053	11.315	ng		98
77) Pyrene	12.63	202	121191	6.900	ng		98
80) Benzo(a)anthracene	13.81	228	62379	4.923	ng		97
82) Chrysene	13.81	228	62379	4.701	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	27510	2.626	ng		97
87) Benzo(b)fluoranthene	14.83	252	103341	8.204	ng	#	92
88) Benzo(k)fluoranthene	14.83	252	103341	9.172	ng		97
89) Benzo(a)pyrene	15.16	252	54326	4.831	ng	#	92
91) Benzo(g,h,i)perylene	16.97	276	26661	2.908	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
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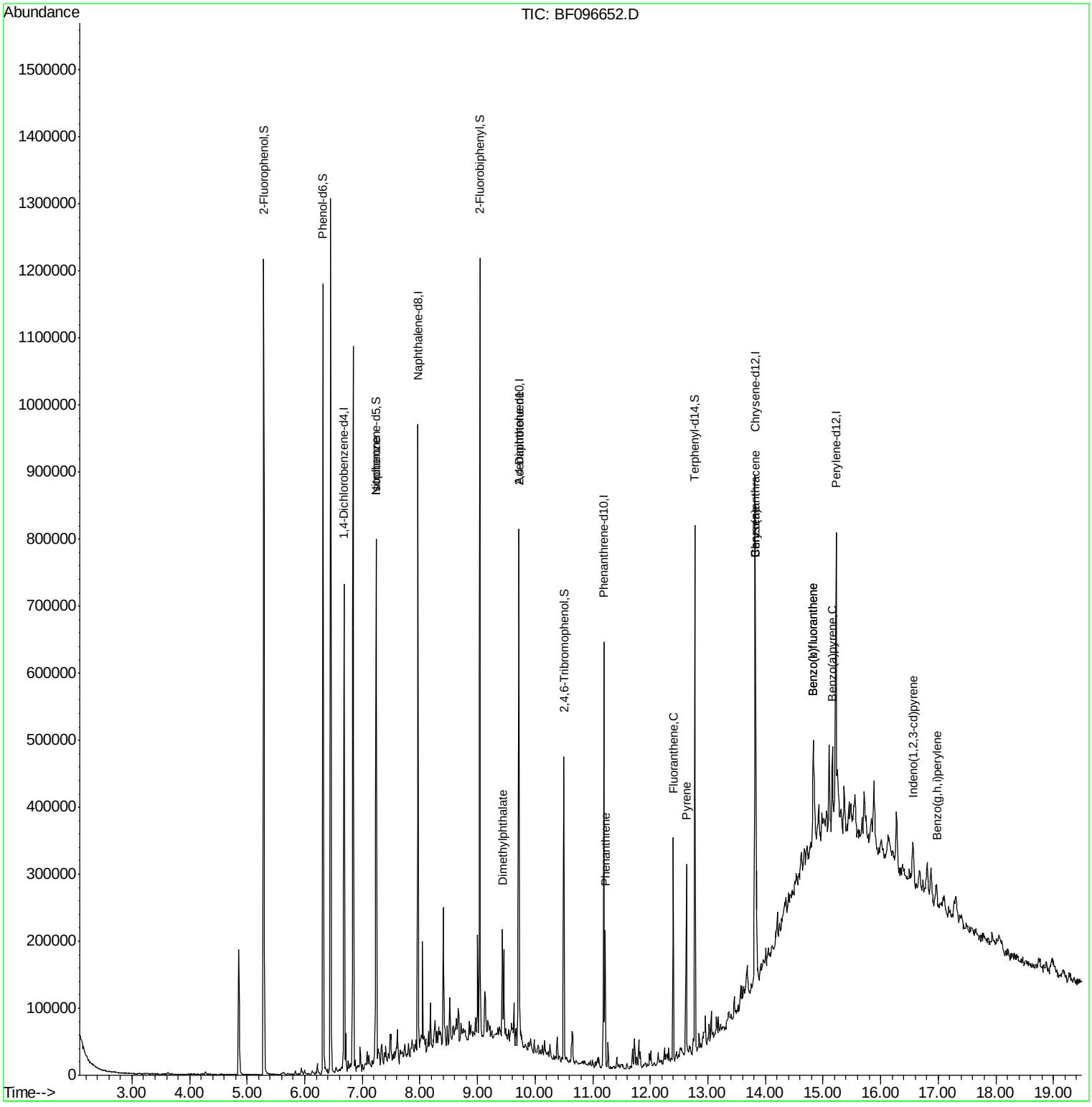
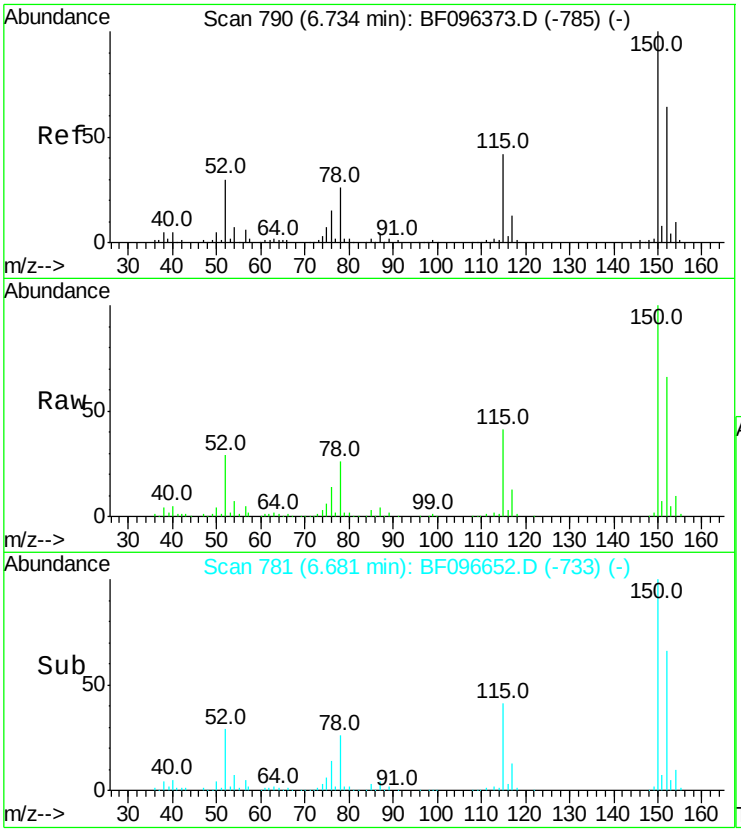
Acq On : 11 Jul 2017 18:54
Operator : SJ/JU
Sample : I4069-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Quant Time: Jul 12 01:12:37 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



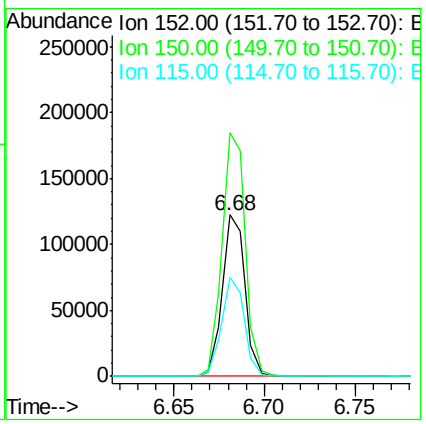


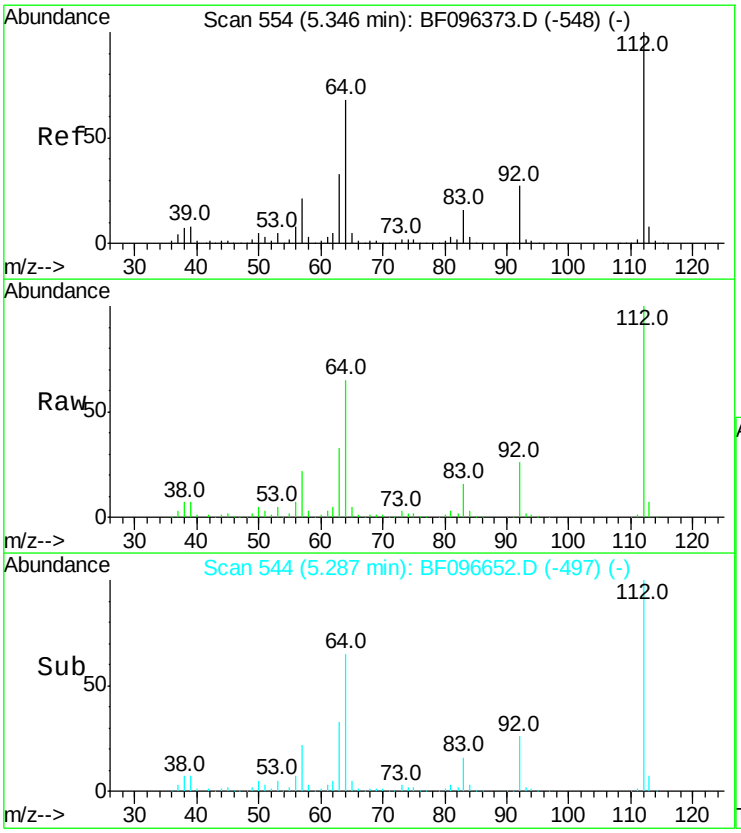
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:152 Resp: 106322

Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.2	189.2
115	61.3	52.2	78.2

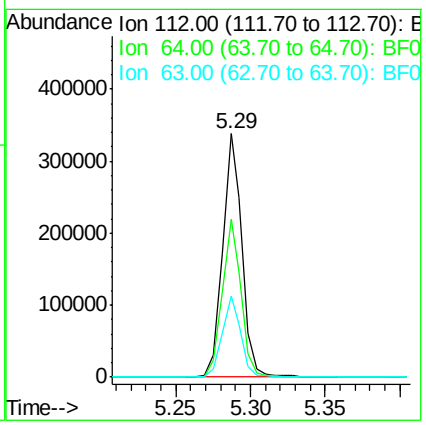


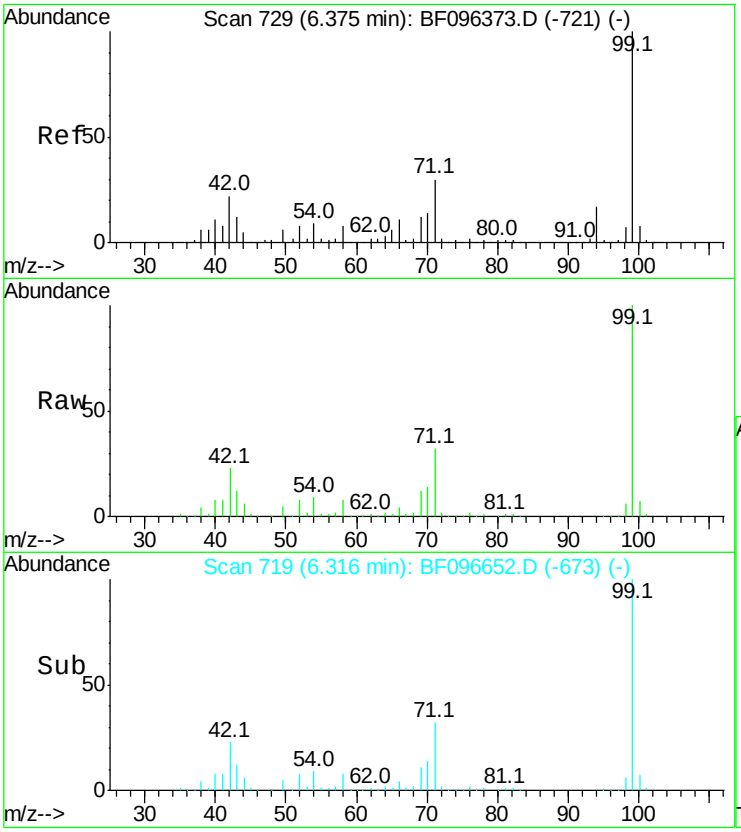


#5
2-Fluorophenol
Concen: 43.107 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:112 Resp: 310525

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	33.3	23.4	35.0



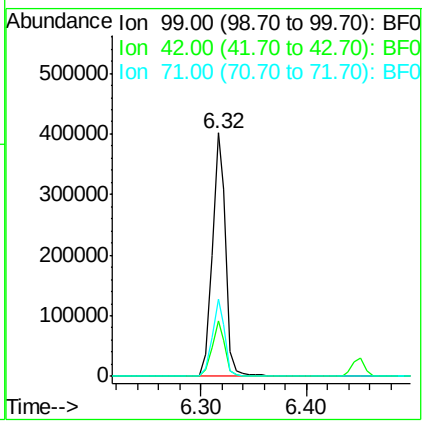


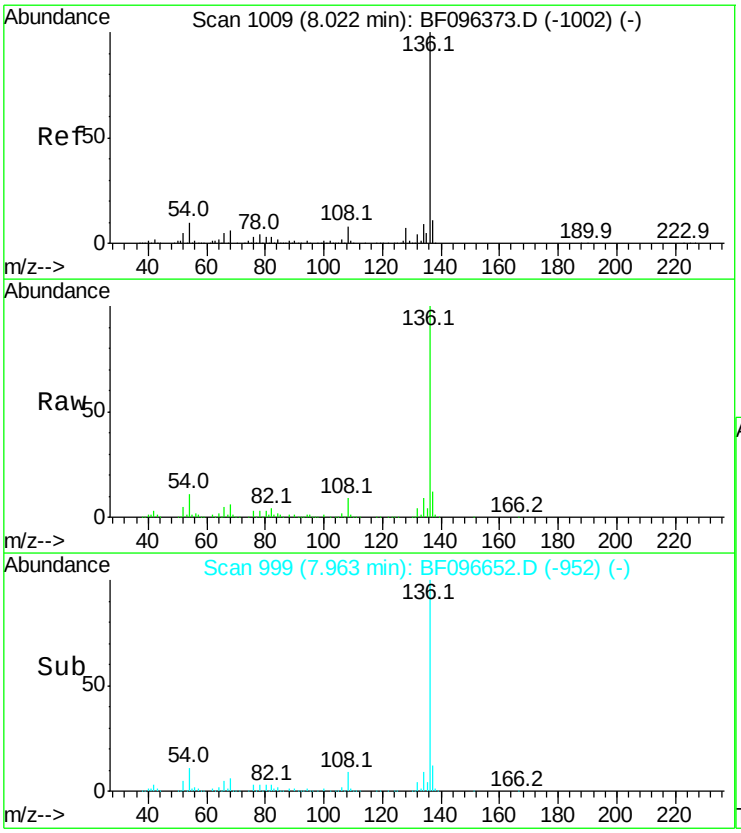
#7
Phenol-d6
Concen: 40.694 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 99 Resp: 360377

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	31.9	24.5	36.7

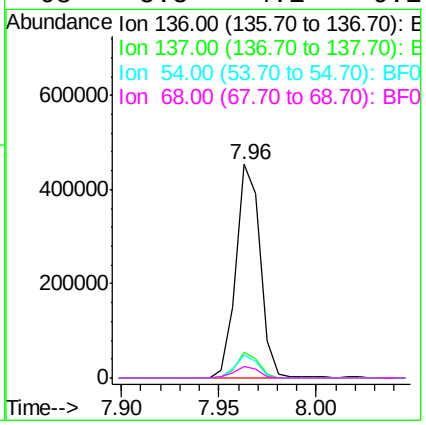


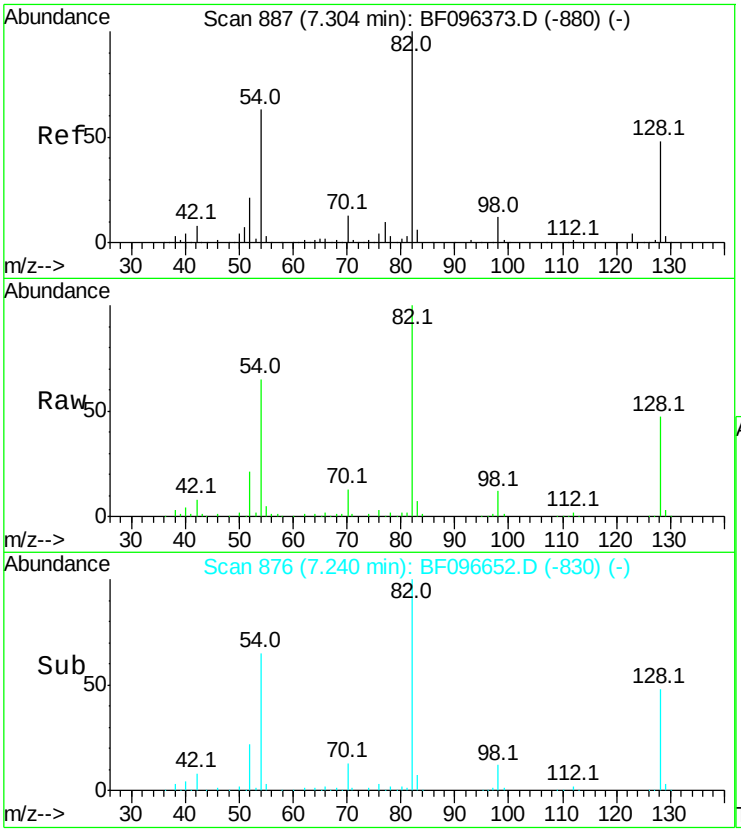


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:136 Resp: 392220

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	10.8	4.9	7.3#
68	5.5	4.1	6.1



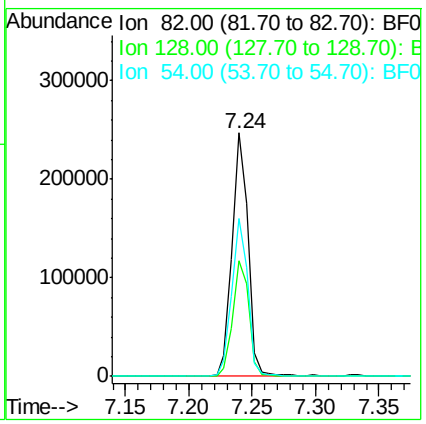


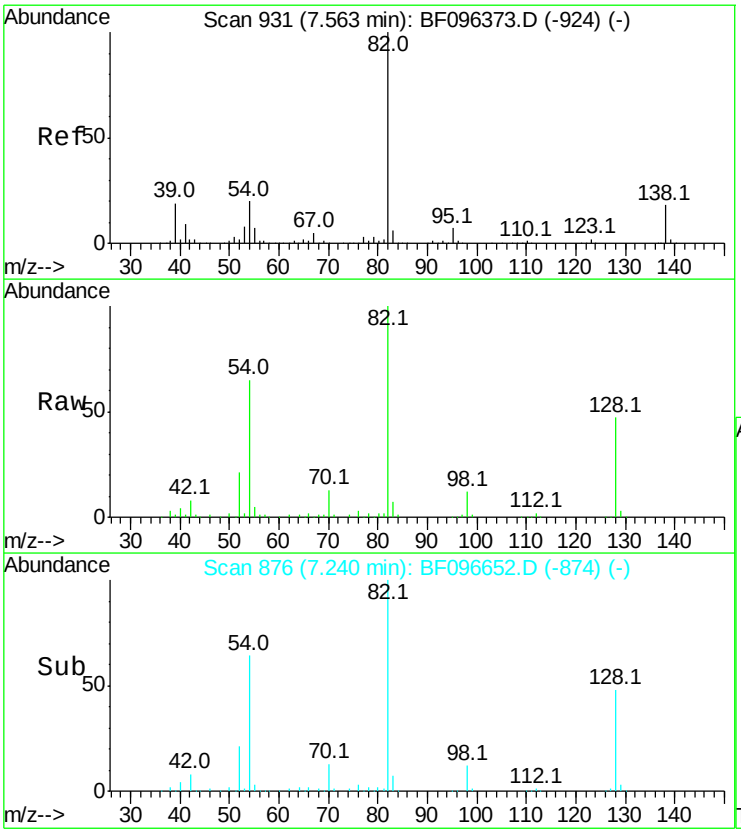
#23
Nitrobenzene-d5
Concen: 32.764 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 82 Resp: 213854

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	65.0	42.2	63.2#

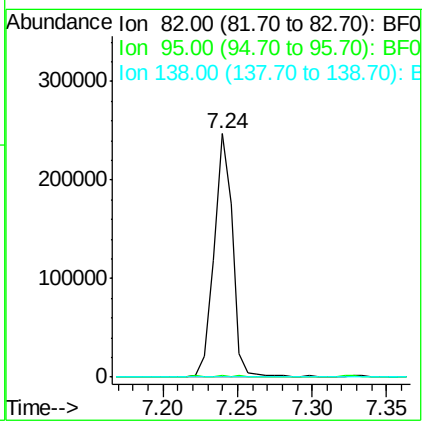


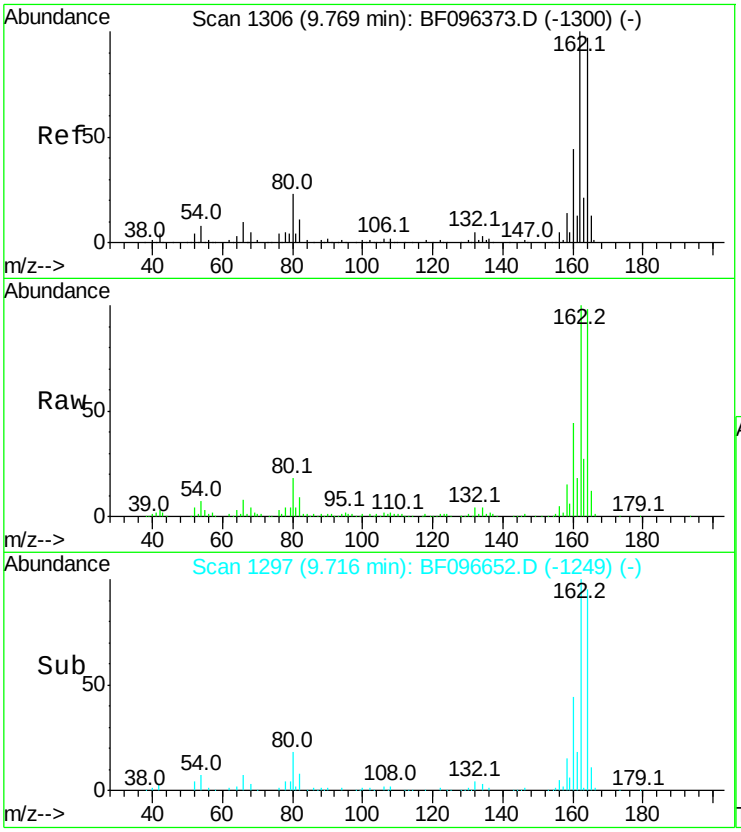


#25
Isophorone
Concen: 16.688 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.29 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion: 82 Resp: 211191

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.3	7.9#
138	0.0	13.1	19.7#



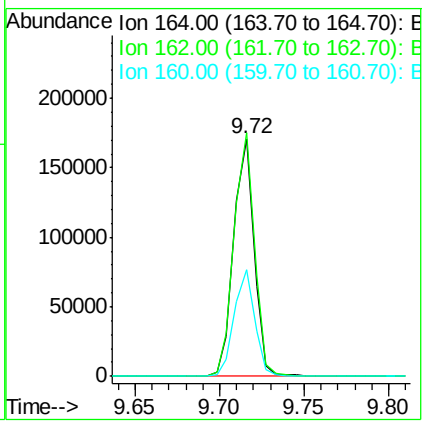


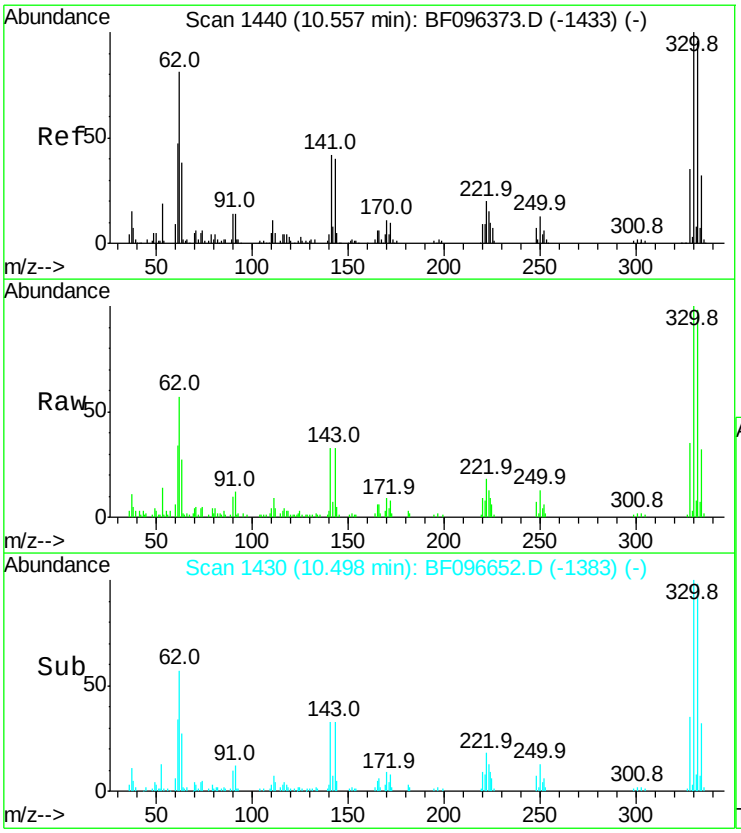
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:164 Resp: 143432

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.9	36.2	54.2

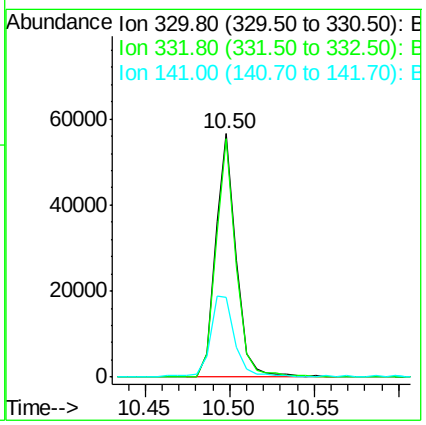


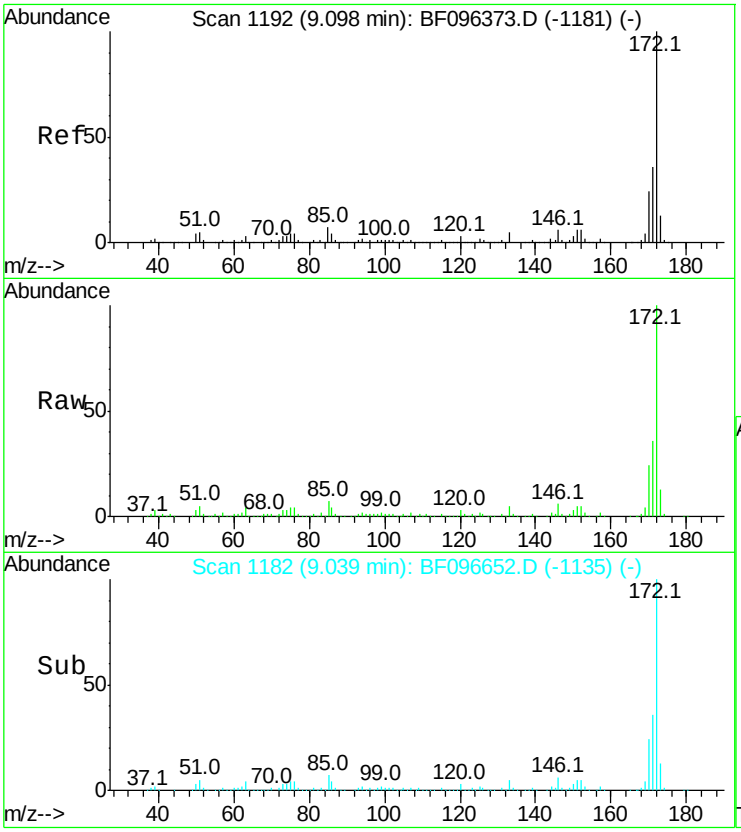


#41
2,4,6-Tribromophenol
Concen: 42.739 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:330 Resp: 47884

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.8	31.4	47.2



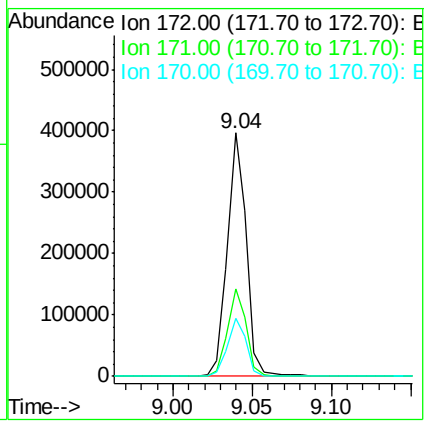


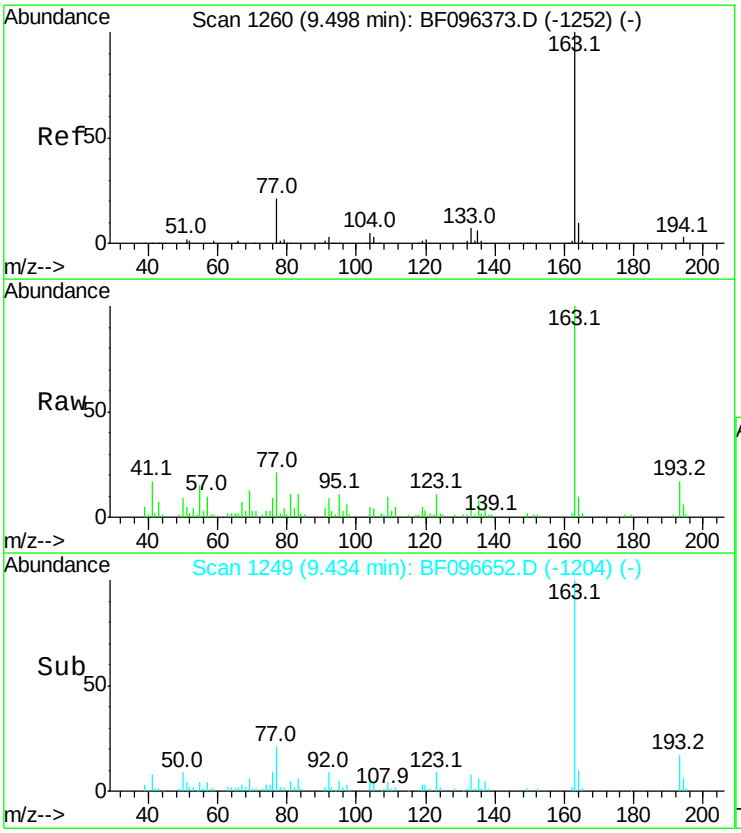
#44
2-Fluorobiphenyl
Concen: 39.177 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument : BNA_F
ClientSampleId : SB-3(6.5-7.0)

Tgt Ion:172 Resp: 328656

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	19.8	29.8

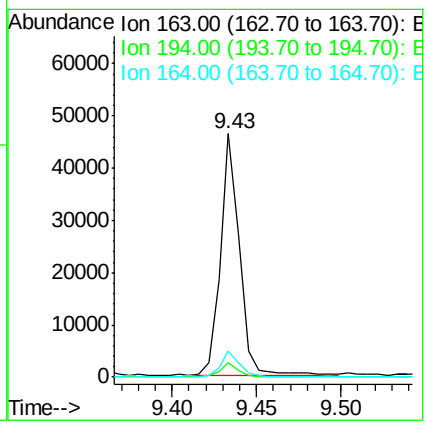


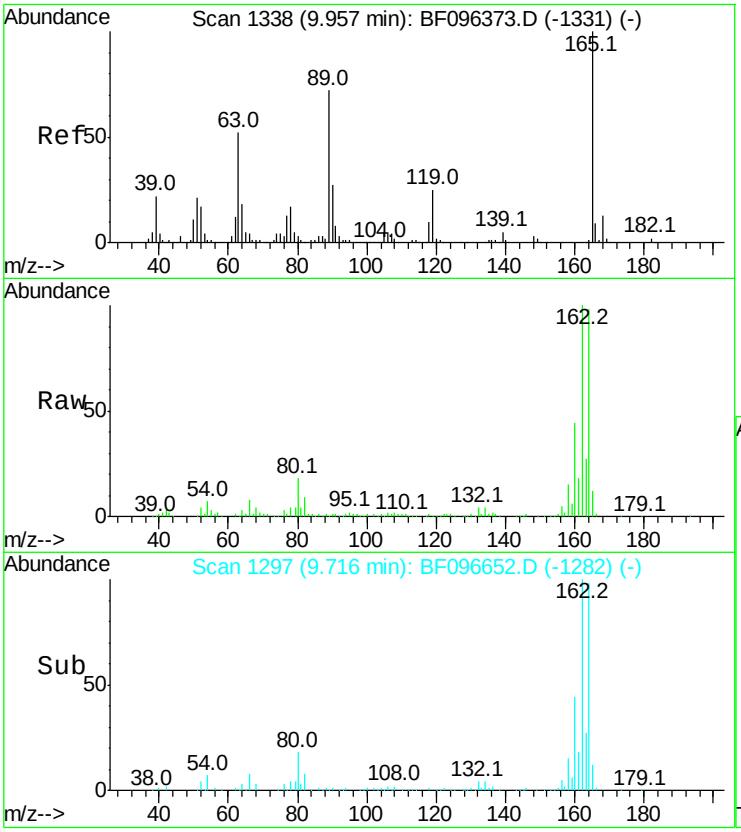


#49
Dimethylphthalate
Concen: 3.366 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:163 Resp: 36039

Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.6	4.0#
164	10.5	8.4	12.6



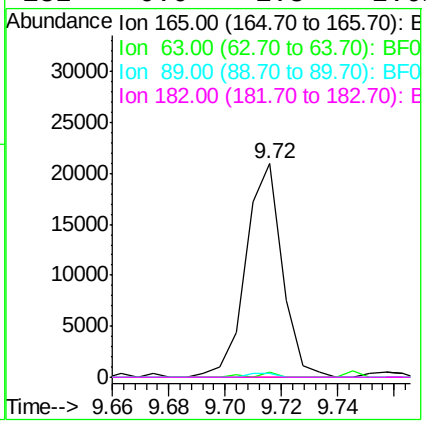


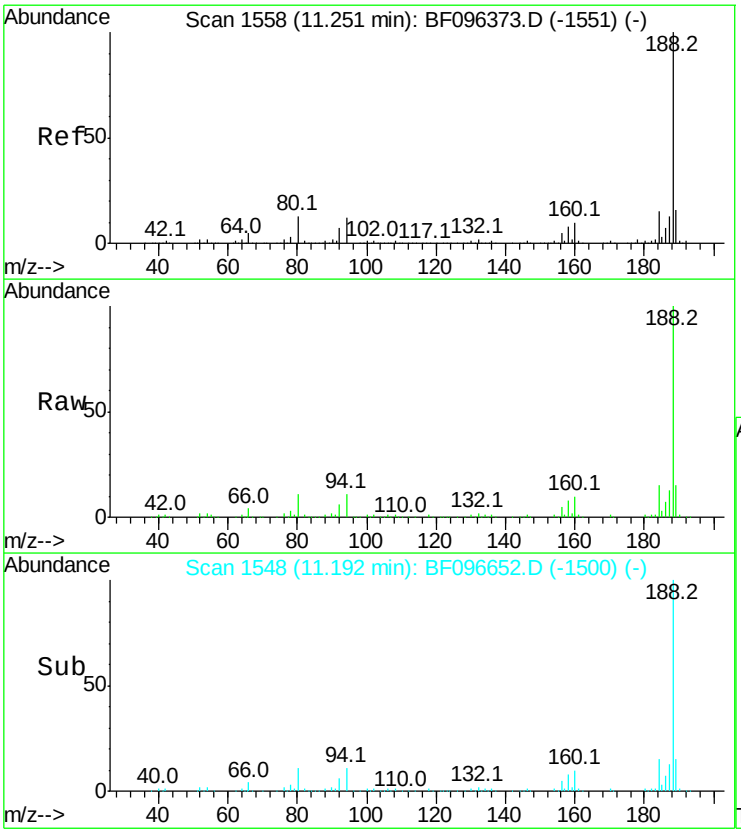
#56
2,4-Dinitrotoluene
Concen: 6.272 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:165 Resp: 18806

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

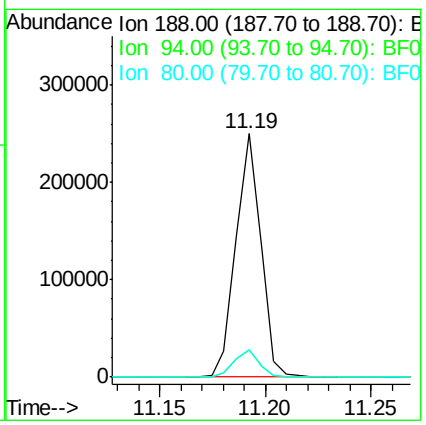


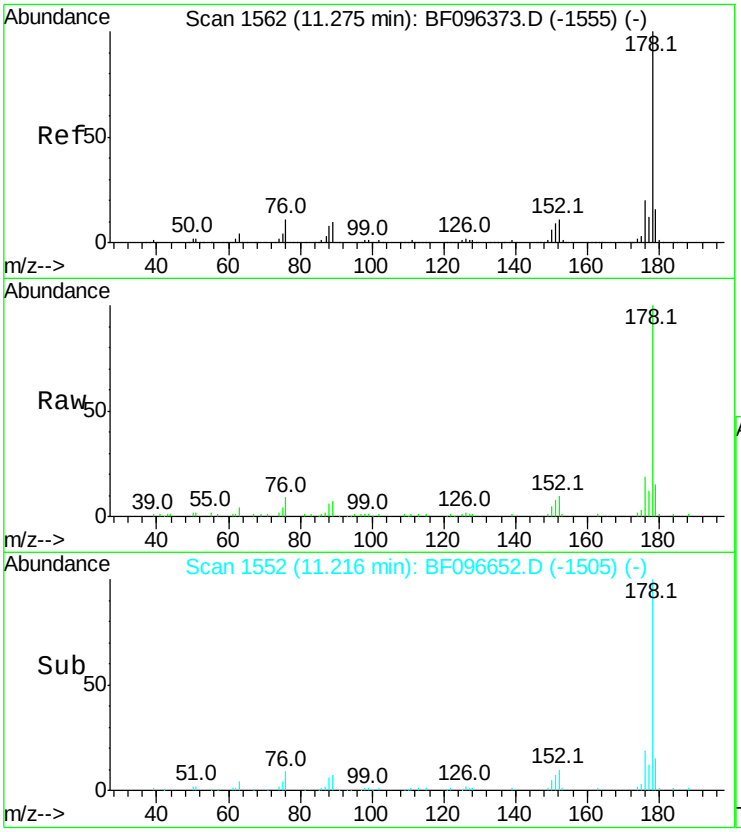


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:188 Resp: 203519

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.3	10.2	15.2



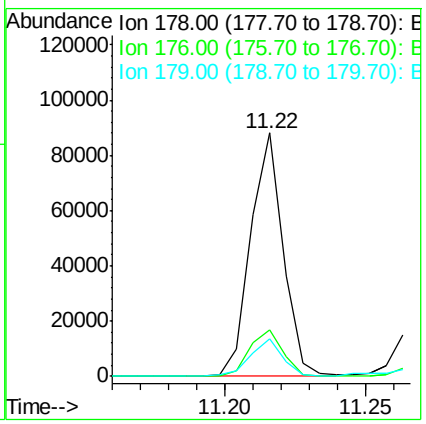


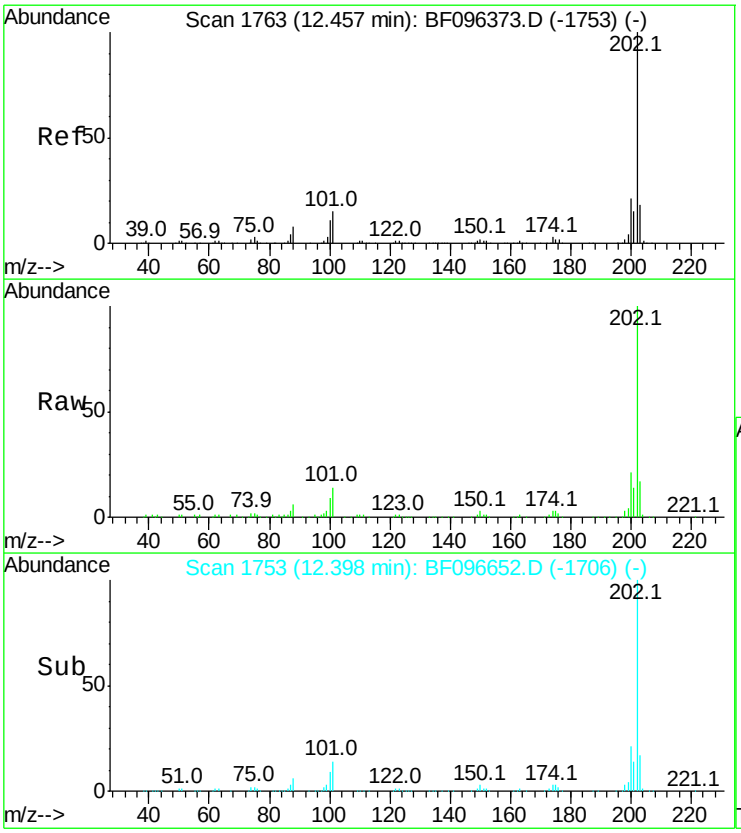
#70
Phenanthrene
Concen: 6.408 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:178 Resp: 70502

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.3	12.6	19.0

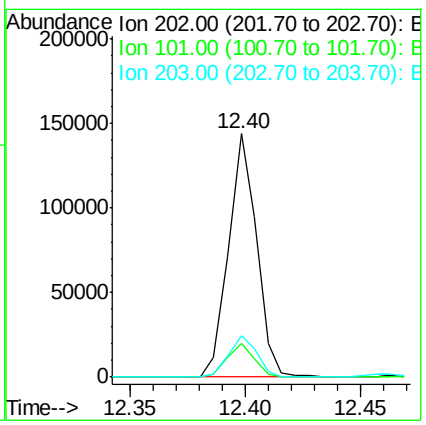


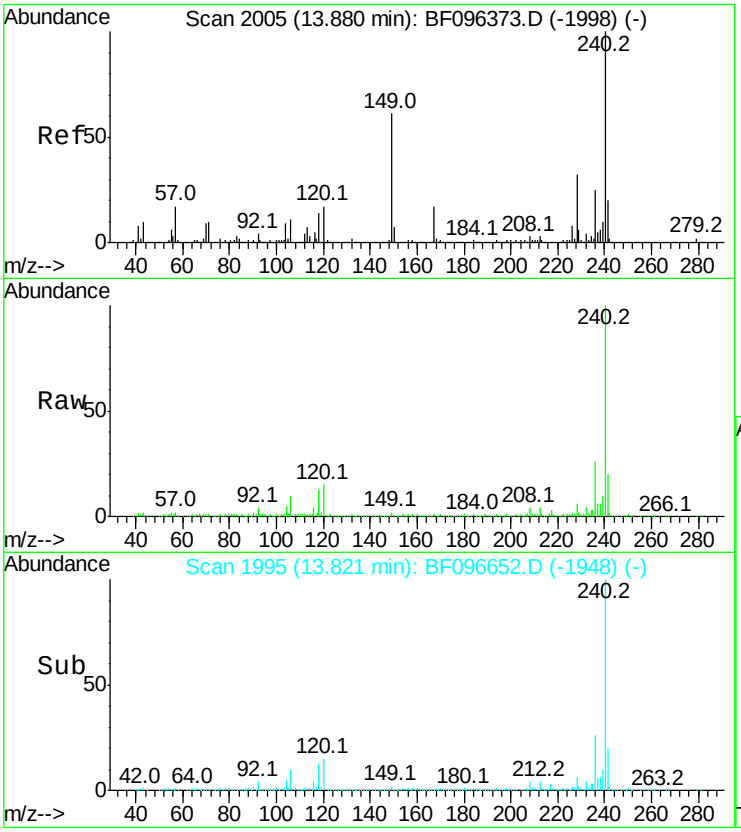


#74
Fluoranthene
Concen: 11.315 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:202 Resp: 122053

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	16.9	0.0	38.1



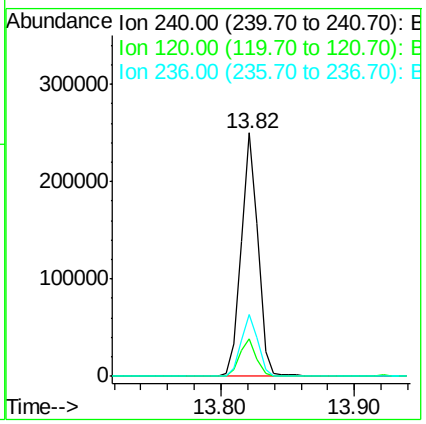


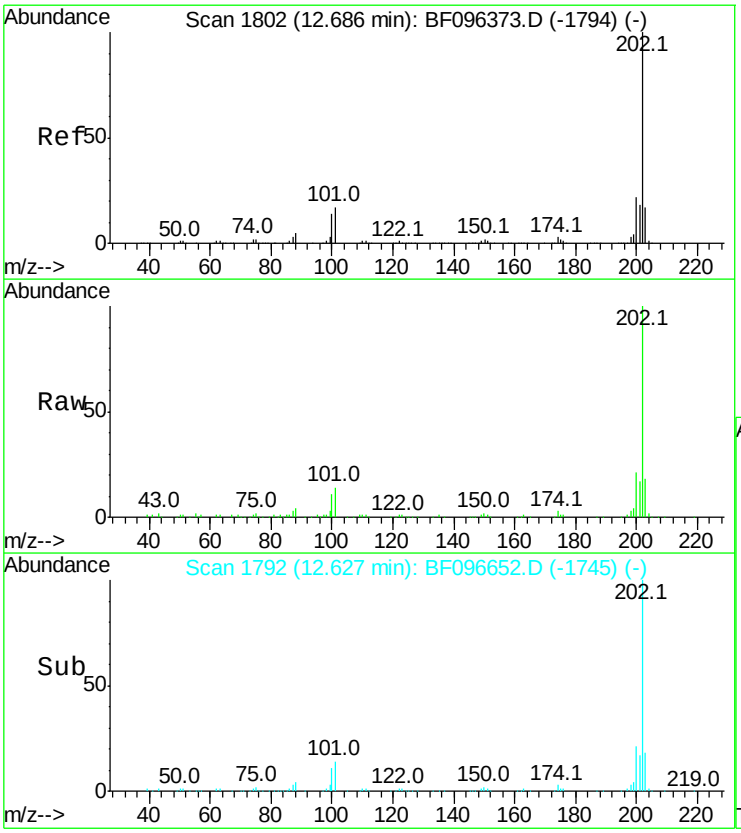
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:240 Resp: 218820

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	25.6	20.5	30.7

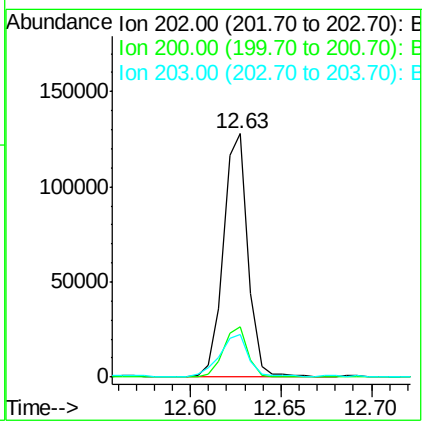


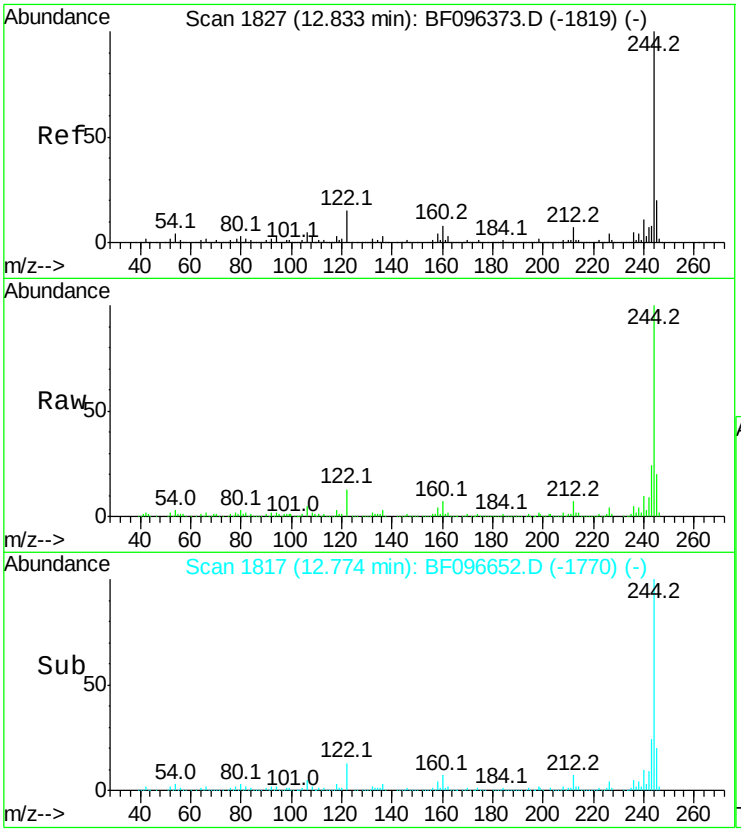


#77
Pyrene
Concen: 6.900 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:202 Resp: 121191

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.6	14.4	21.6



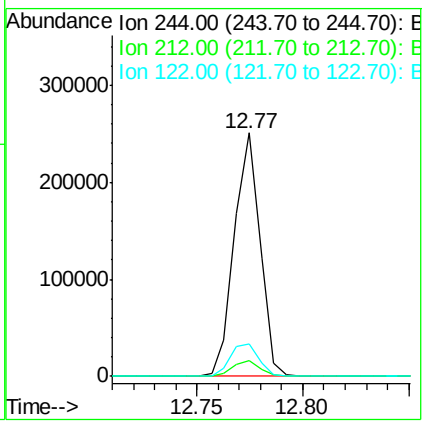


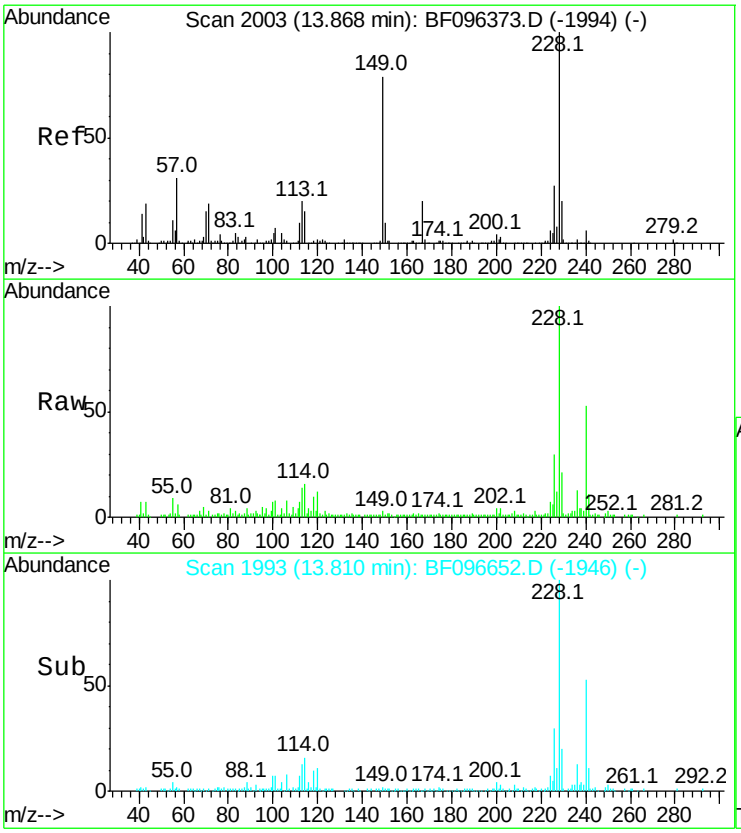
#78
Terphenyl-d14
Concen: 20.600 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:244 Resp: 210954

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.3	10.3	15.5

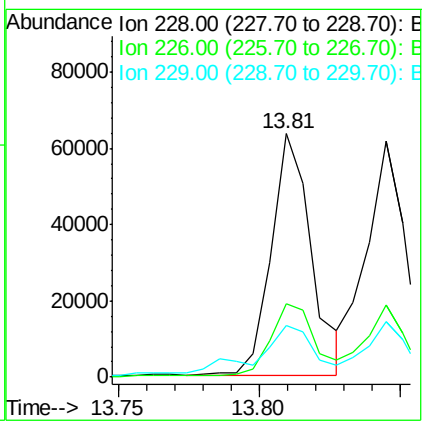


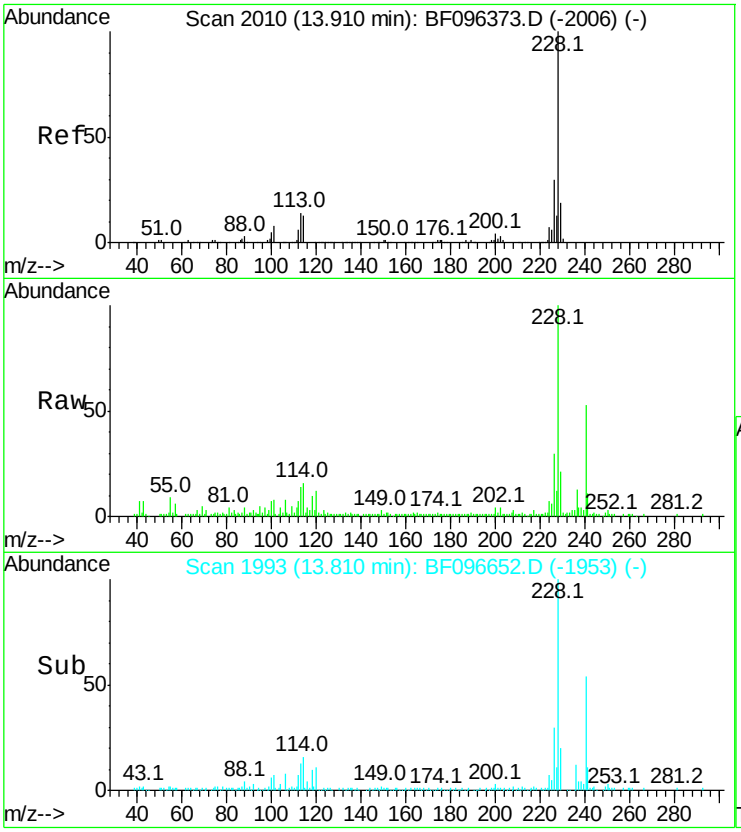


#80
Benzo(a)anthracene
Concen: 4.923 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:228 Resp: 62379

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	21.1	16.3	24.5



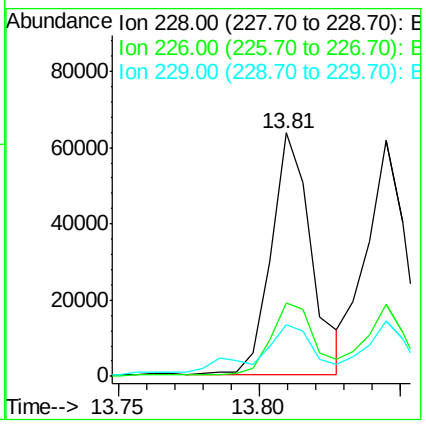


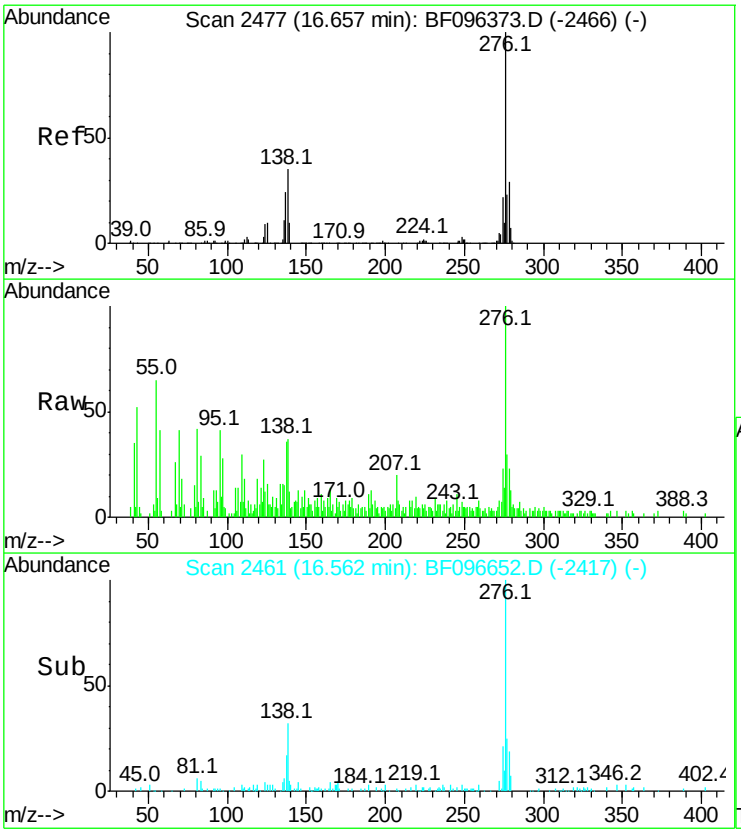
#82
Chrysene
Concen: 4.701 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.06 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:228 Resp: 62379

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.1	15.8	23.6

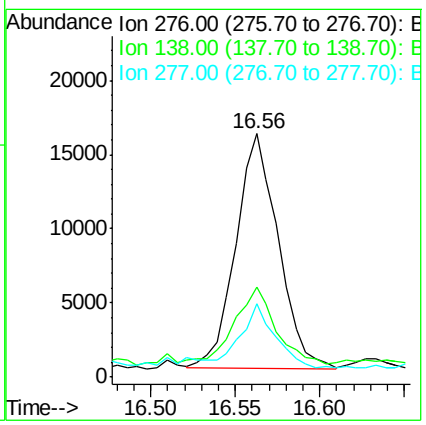


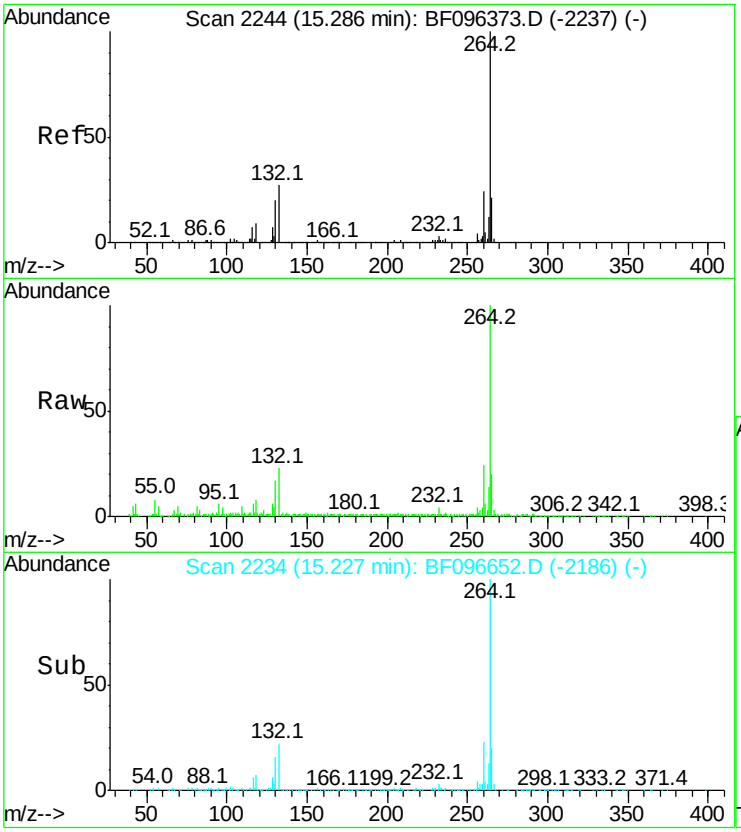


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.626 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.04 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:276 Resp: 27510

Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	29.2	20.2	30.4



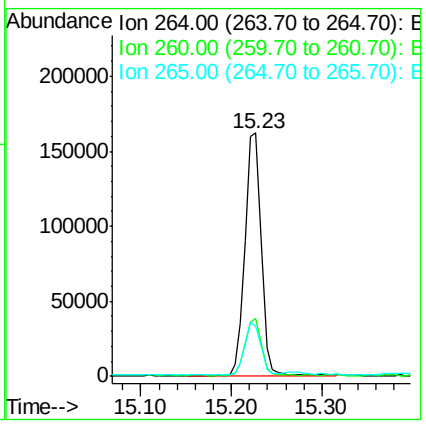


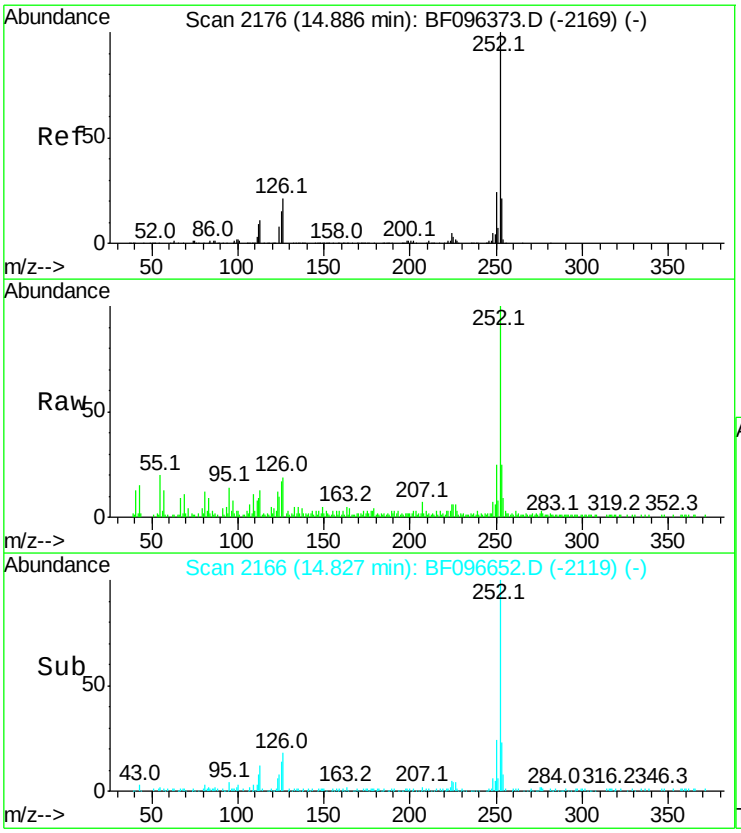
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:264 Resp: 201026

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.5	17.2	25.8

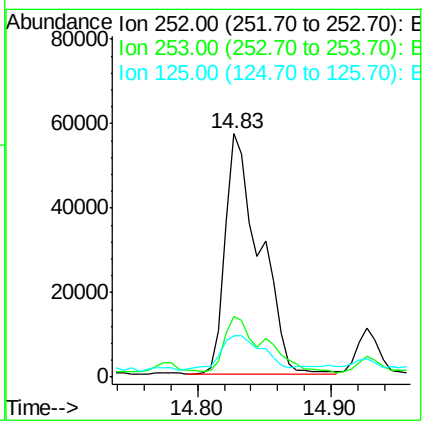


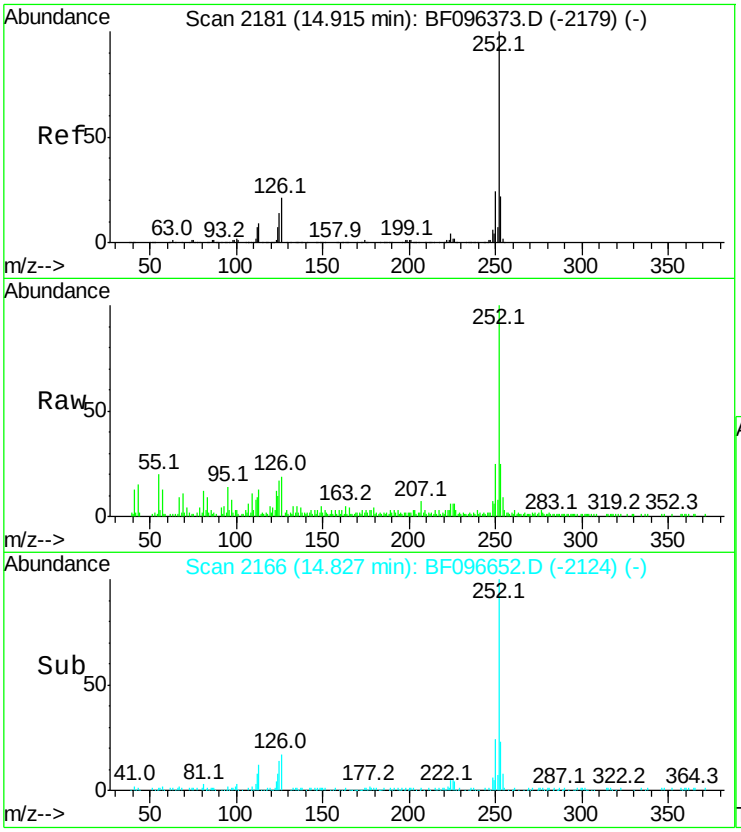


#87
Benzo(b)fluoranthene
Concen: 8.204 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:252 Resp: 103341

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	17.2	9.8	14.8#



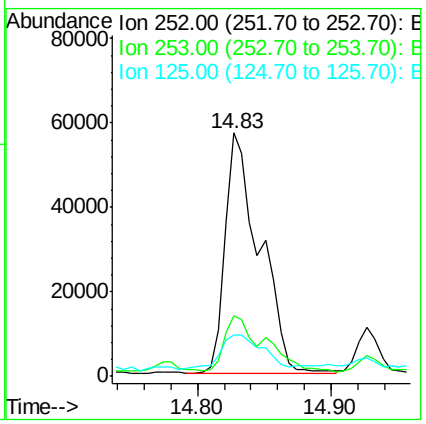


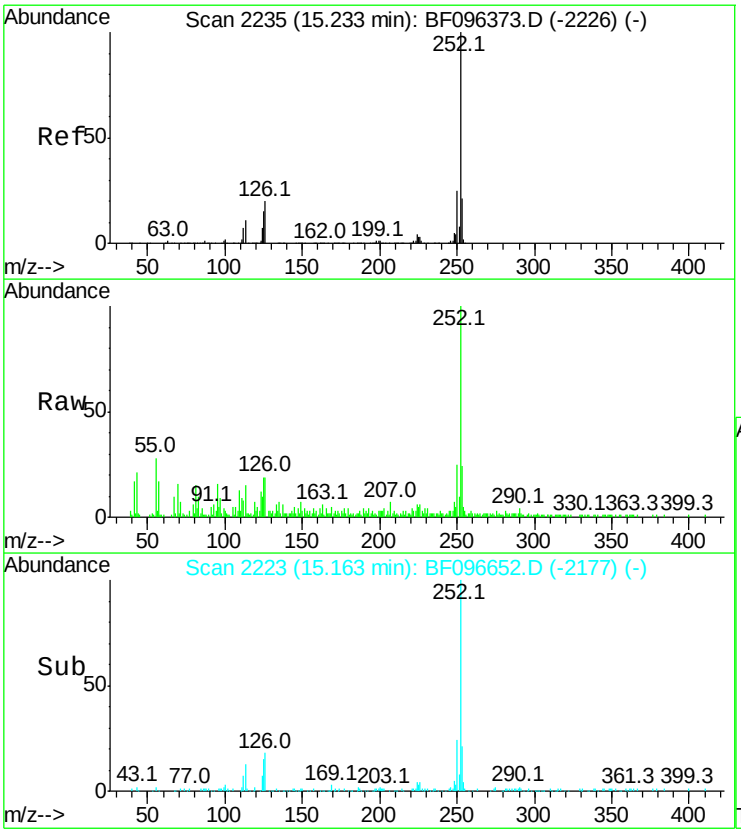
#88
Benzo(k)fluoranthene
Concen: 9.172 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:252 Resp: 103341

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	17.2	13.1	19.7

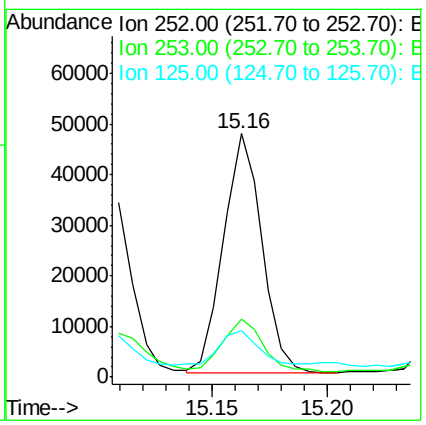


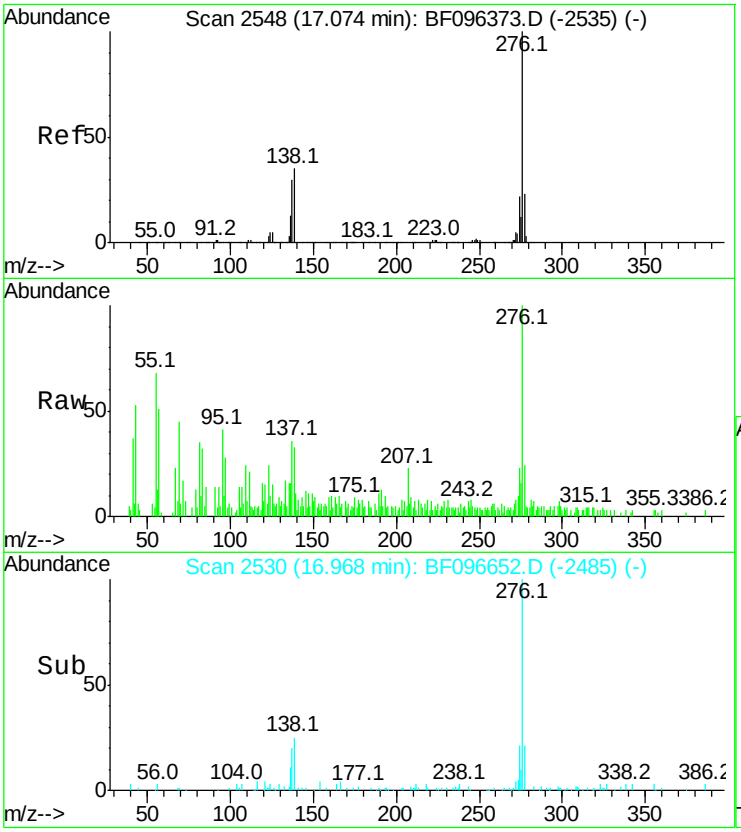


#89
Benzo(a)pyrene
Concen: 4.831 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Tgt Ion:252 Resp: 54326

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	19.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.908 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF096652.D
Acq: 11 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:276 Resp: 26661

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	32.6	25.4	38.0