Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096507.D
Acq On : 6 Jul 2017 2:52
Operator : SJ/MA
Sample : I3976-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B10-2-4

Quant Time: Jul 06 04:56:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111085	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	413549	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	151406	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	210374	20.00	ng		0.00
75) Chrysene-d12	13.86	240	201671	20.00	ng		0.00
86) Perylene-d12	15.27	264	135526	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	647161	85.99	ng		0.00
7) Phenol-d6	6.35	99	765631	82.75	ng		0.00
23) Nitrobenzene-d5	7.27	82	422653	61.41	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	107366	90.78	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	730810	82.53	ng		0.00
78) Terphenyl-d14	12.82	244	463700	49.13	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	9.61	152	42598	2.78	ng		97
49) Dimethylphthalate	9.47	163	186860	16.53	ng		100
70) Phenanthrene	11.25	178	194101	17.07	ng		99
71) Anthracene	11.30	178	57885	4.99	ng		98
74) Fluoranthene	12.44	202	290762	26.08	ng		98
77) Pyrene	12.67	202	276785	17.10	ng		98
80) Benzo(a)anthracene	13.85	228	151846	13.00	ng		94
82) Chrysene	13.89	228	148209	12.12	ng		97
85) Indeno(1,2,3-cd)pyrene	16.63	276	63573	6.59	ng		92
87) Benzo(b)fluoranthene	14.87	252	199281m	23.47	ng		
88) Benzo(k)fluoranthene	14.90	252	52612m	6.93	ng		
89) Benzo(a)pyrene	15.22	252	108509	14.31	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	17937	3.01	ng	#	79
91) Benzo(g,h,i)perylene	17.04	276	57002	9.22	ng		95

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

Quantitation Report (QT/LSC Reviewed)

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Data File : BF096507.D
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Misc :
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Instrument :
BNA_F
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B10-2-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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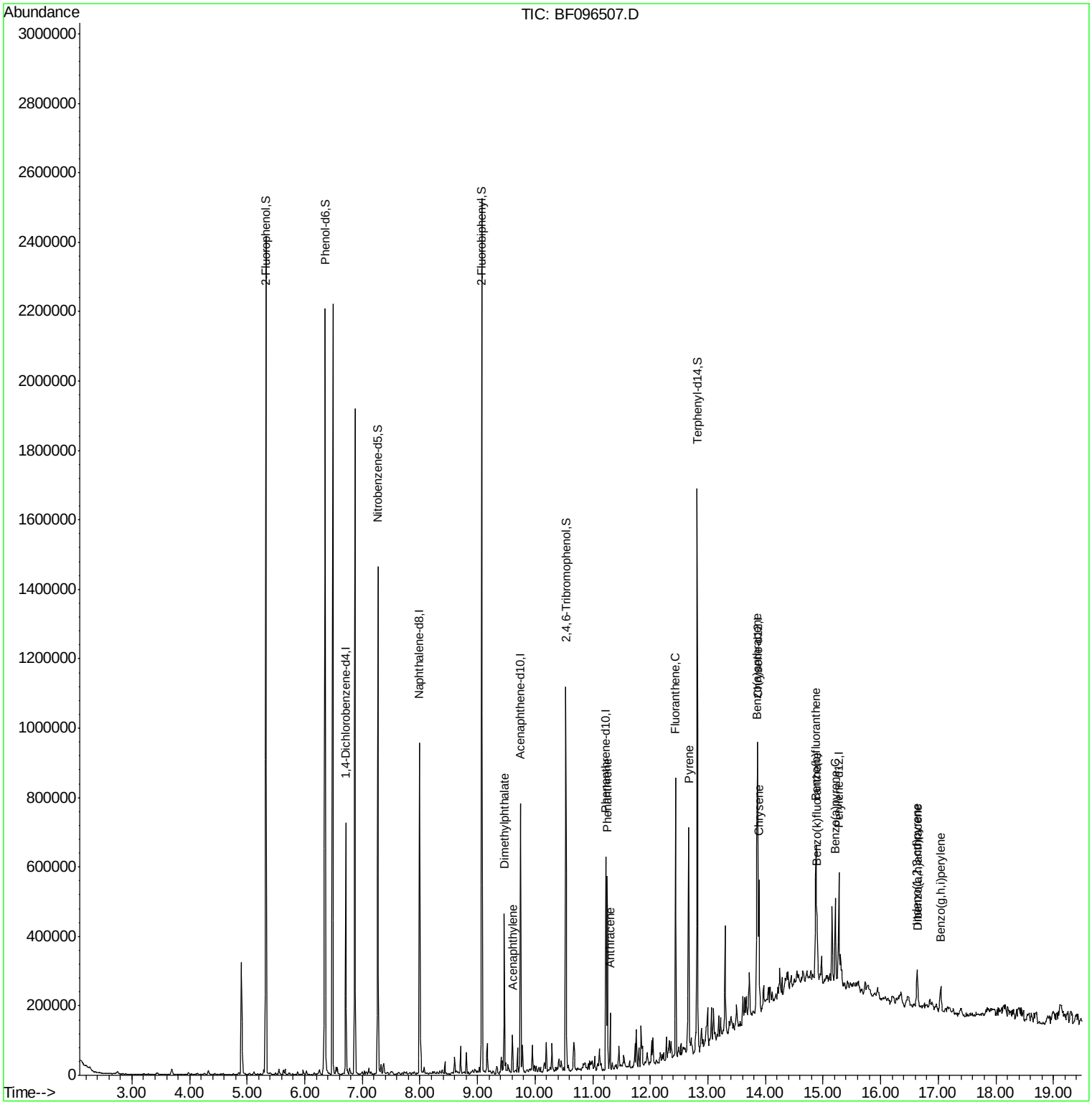
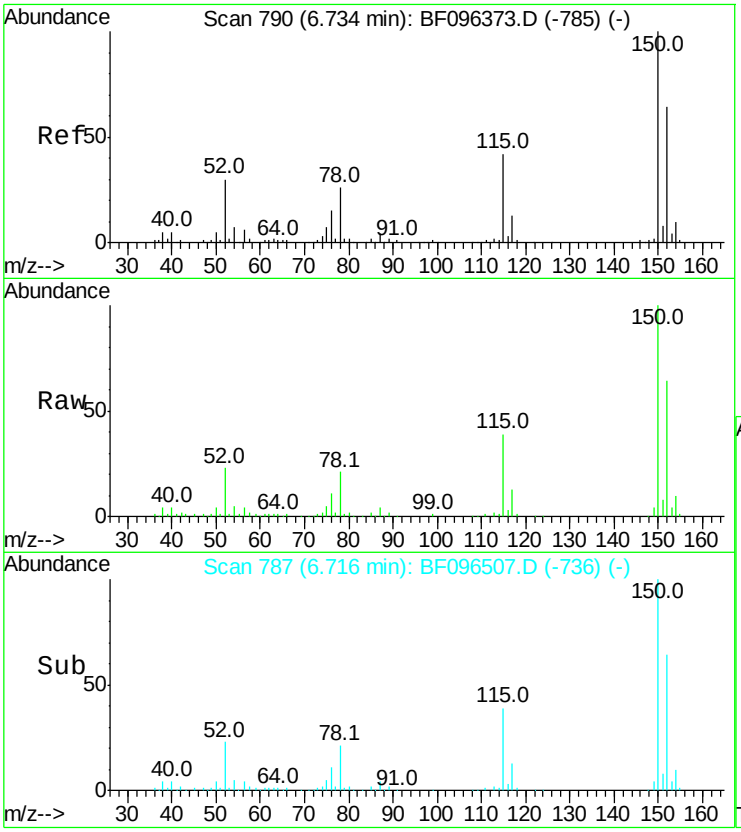


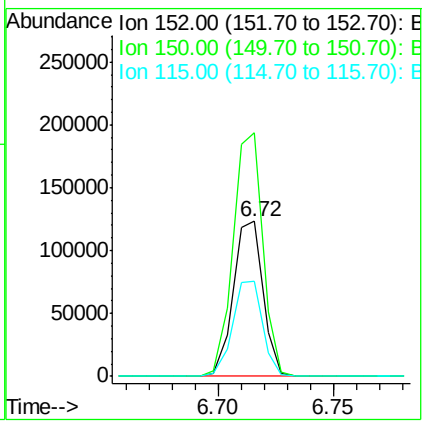


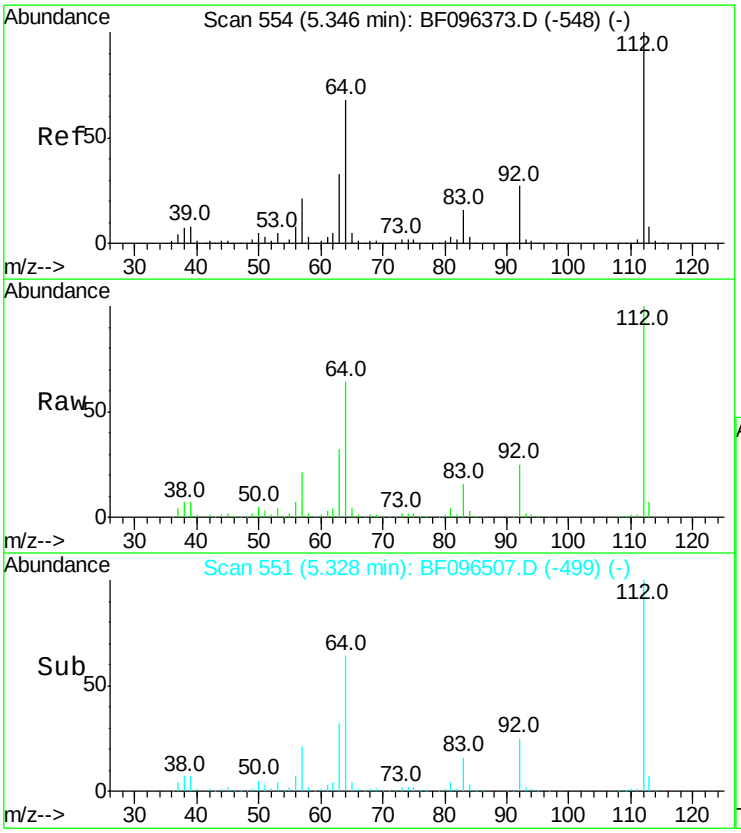
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:152 Resp: 111085

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.8	52.2	78.2

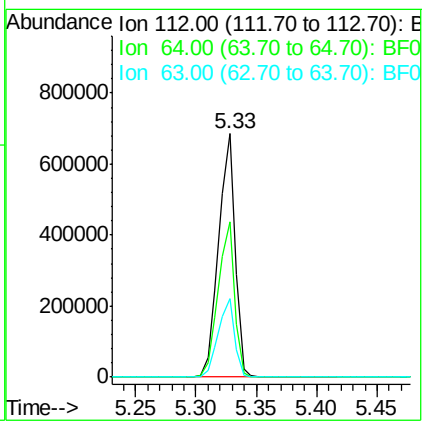


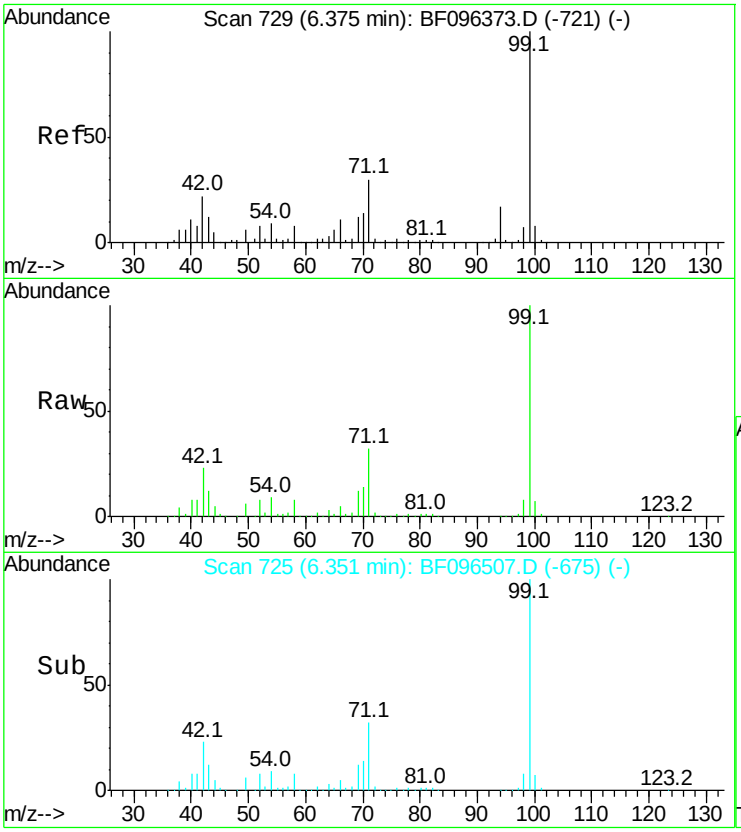


#5
2-Fluorophenol
Concen: 85.99 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:112 Resp: 647161

Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.0	69.0
63	32.2	23.4	35.0



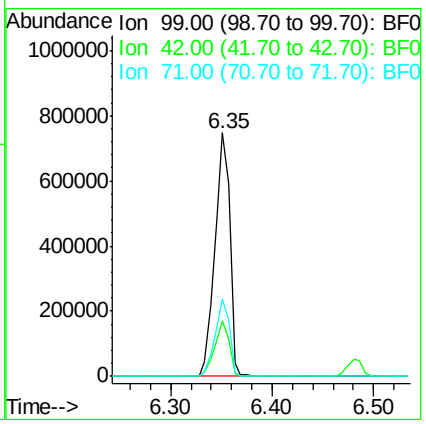


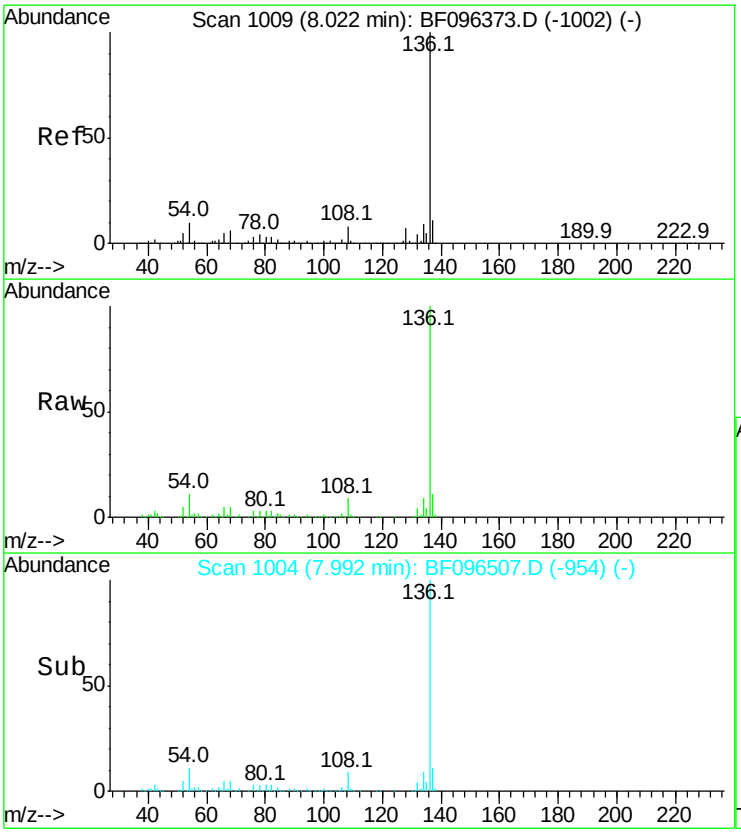
#7
Phenol-d6
Concen: 82.75 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion: 99 Resp: 765631

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	31.8	24.5	36.7

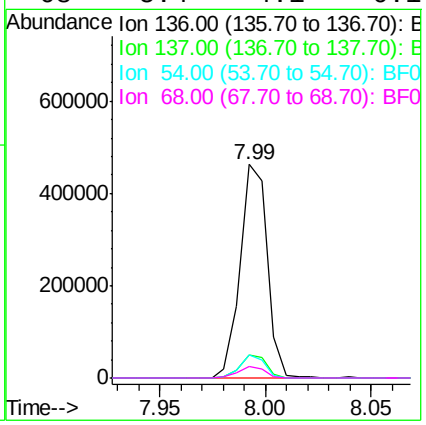


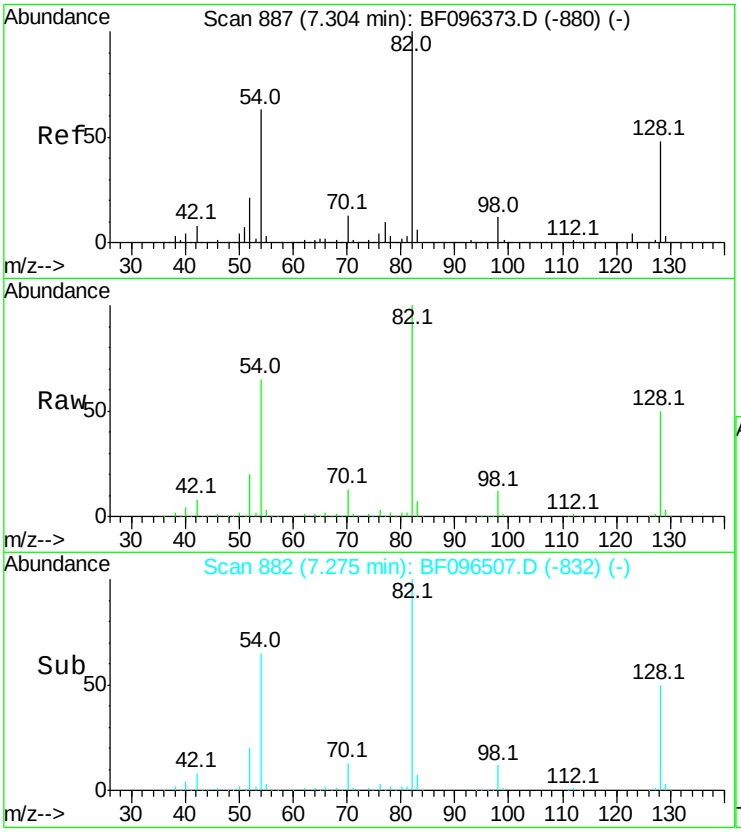


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:136 Resp: 413549

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.7	4.9	7.3#
68	5.4	4.1	6.1



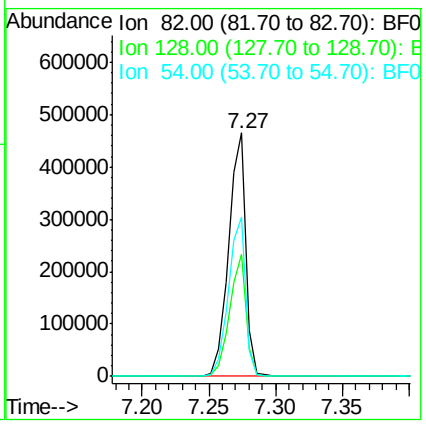


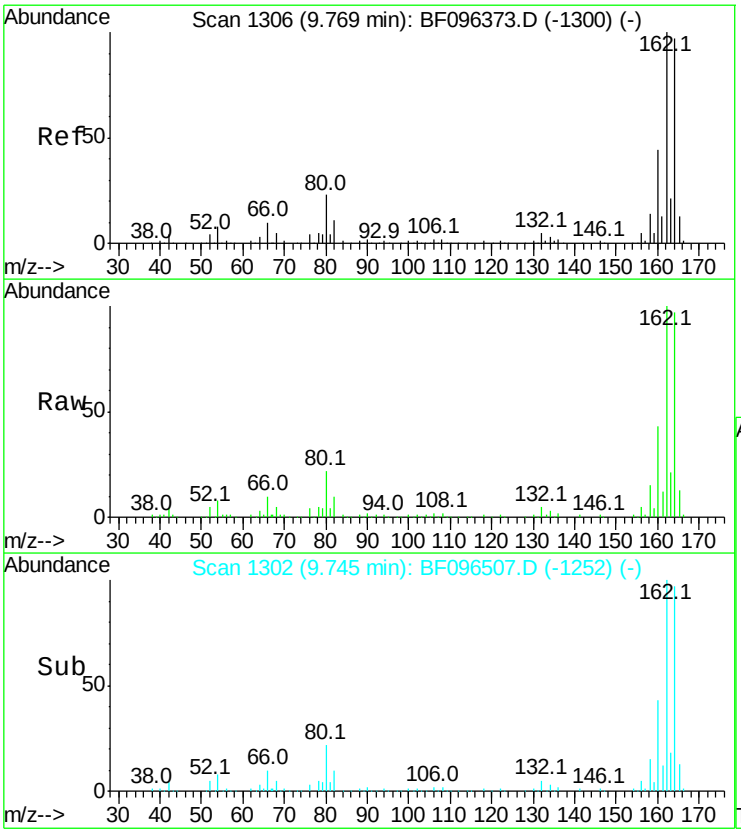
#23
Nitrobenzene-d5
Concen: 61.41 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion: 82 Resp: 422653

Ion	Ratio	Lower	Upper
82	100		
128	50.3	34.0	51.0
54	65.1	42.2	63.2#

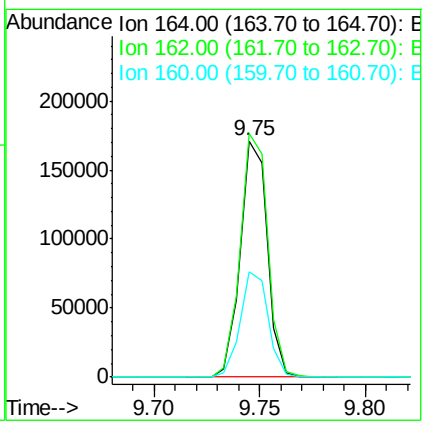


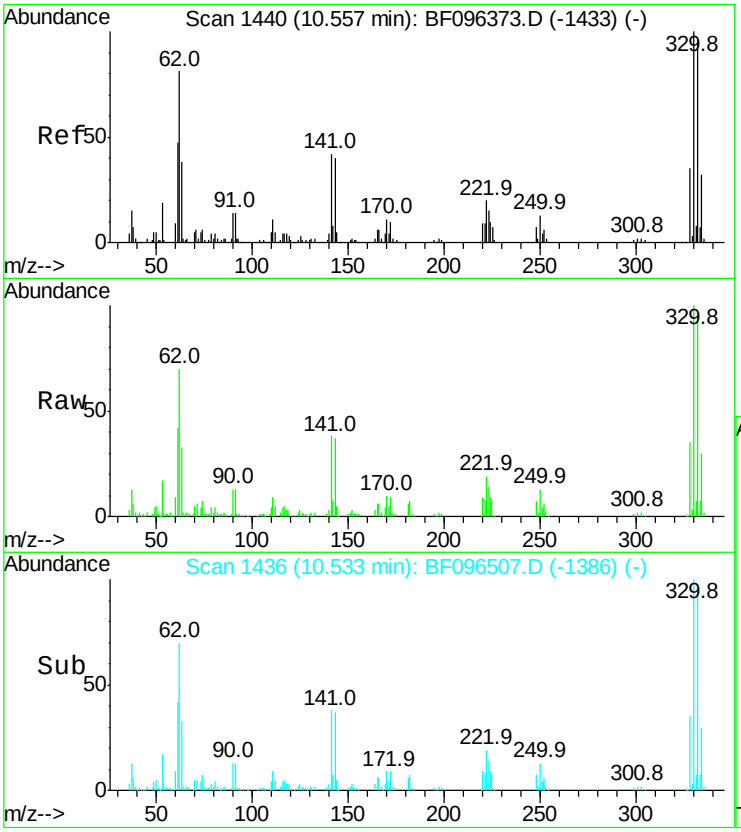


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:164 Resp: 151406

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	44.8	36.2	54.2



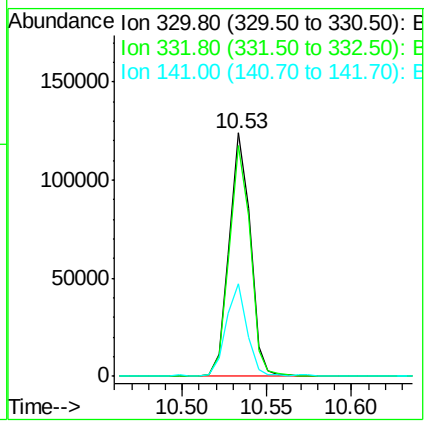


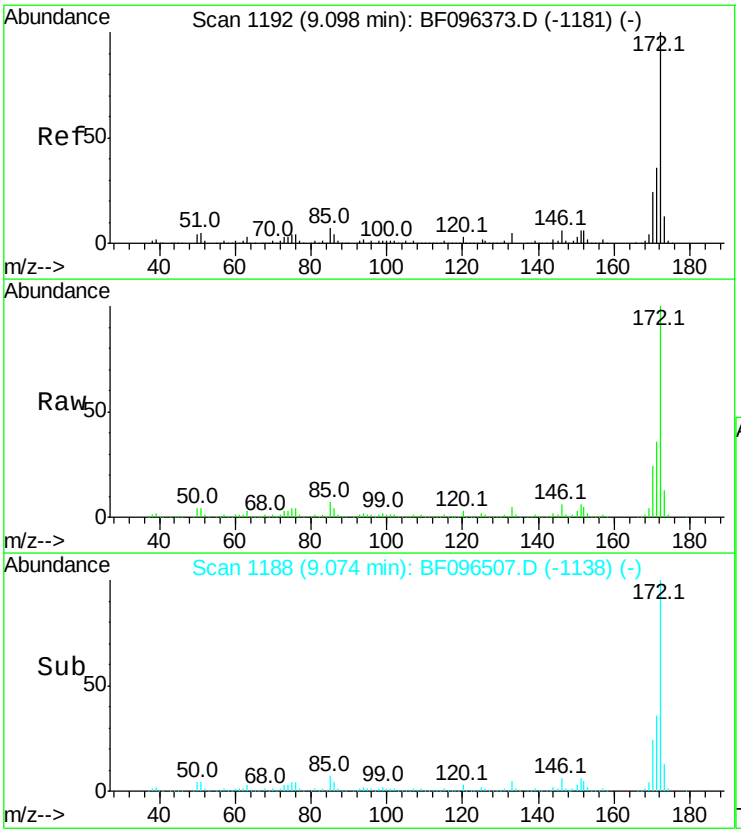
#41
2,4,6-Tribromophenol
Concen: 90.78 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:330 Resp: 107366

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	37.8	31.4	47.2

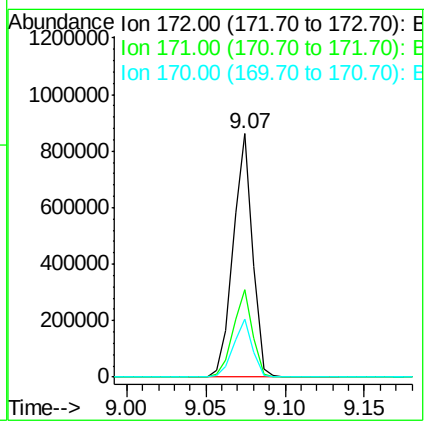


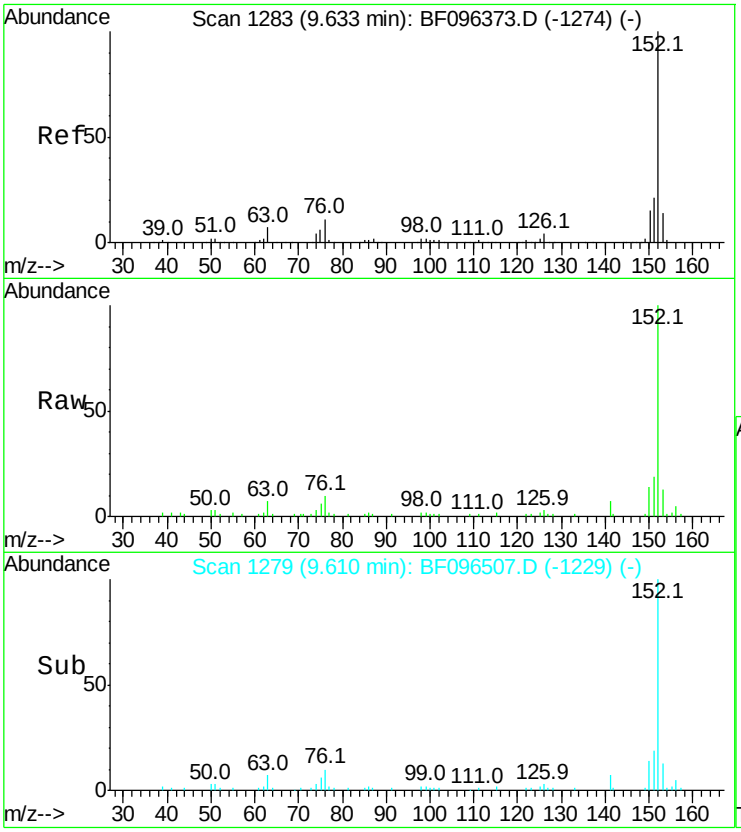


#44
2-Fluorobiphenyl
Concen: 82.53 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:172 Resp: 730810

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8



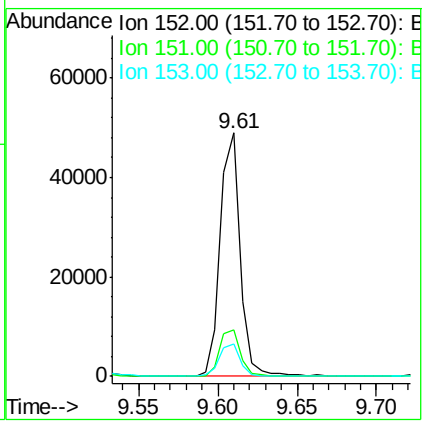


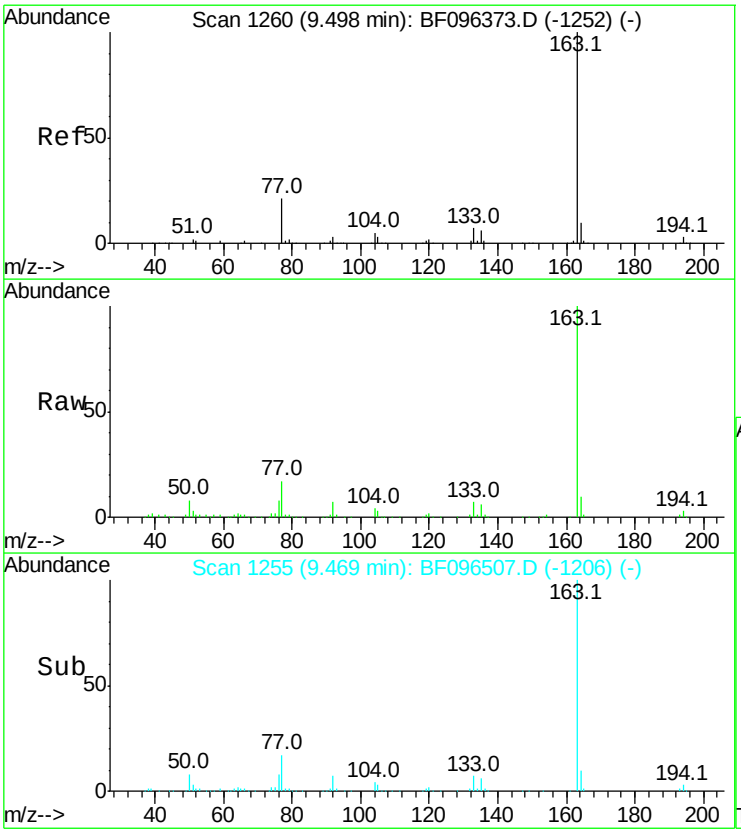
#48
Acenaphthylene
Concen: 2.78 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:152 Resp: 42598

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.8	25.2
153	13.2	10.8	16.2

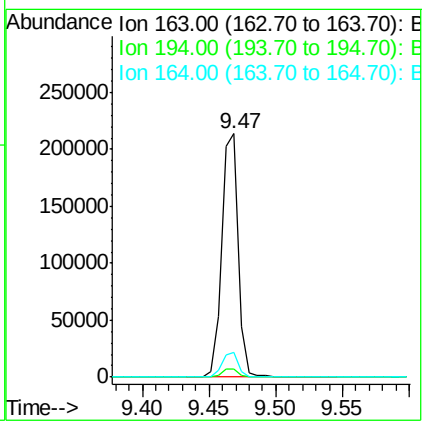


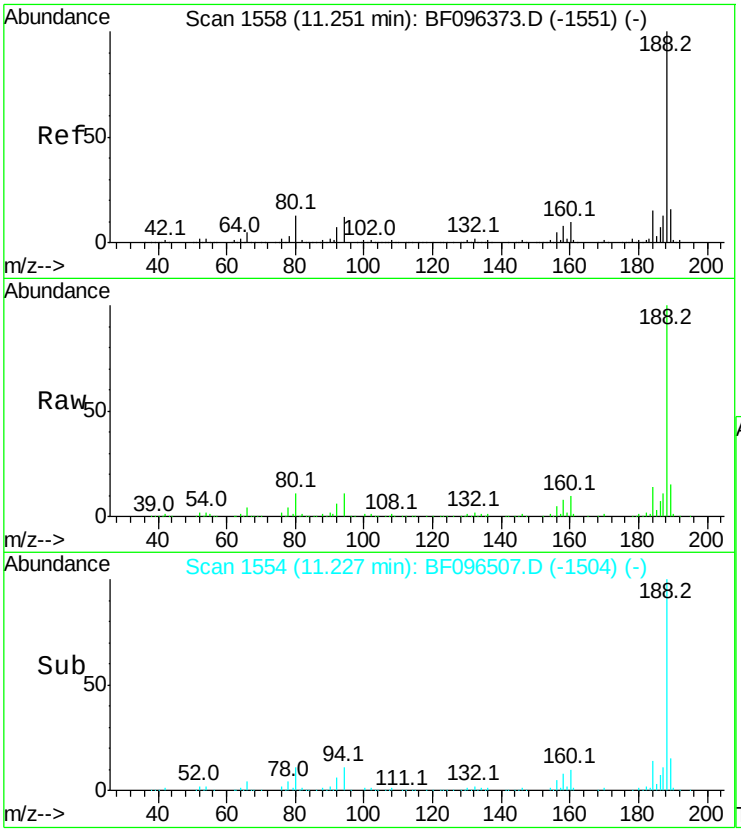


#49
Dimethylphthalate
Concen: 16.53 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:163 Resp: 186860

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6



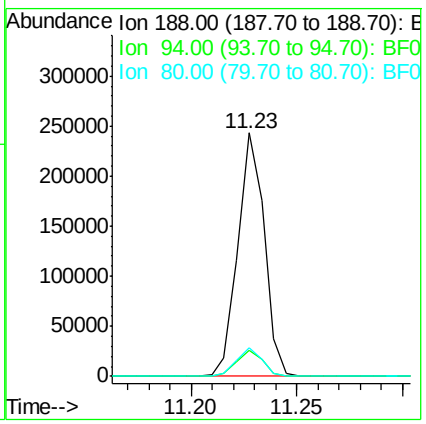


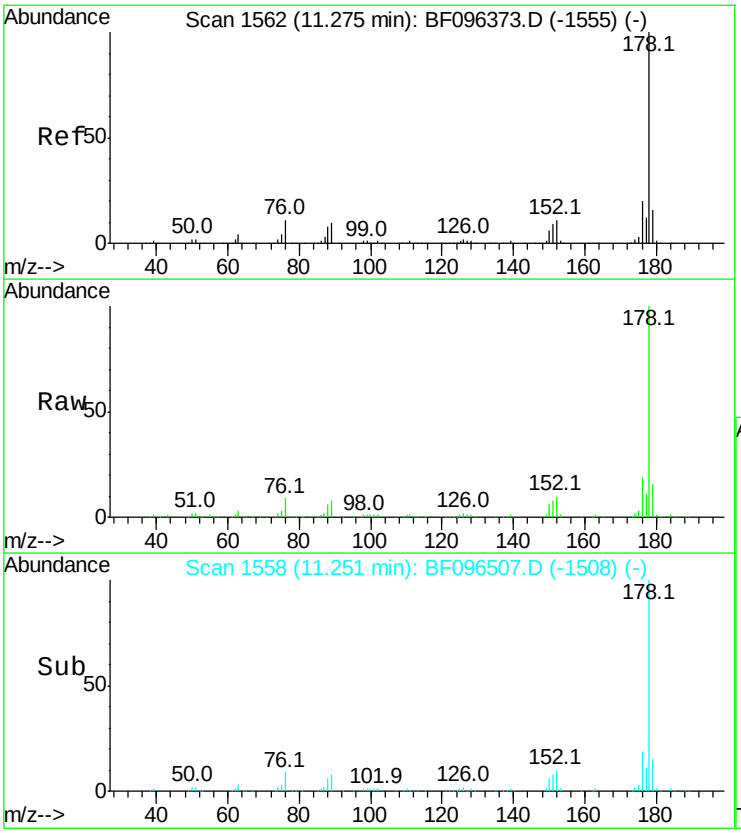
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:188 Resp: 210374

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.5	10.2	15.2

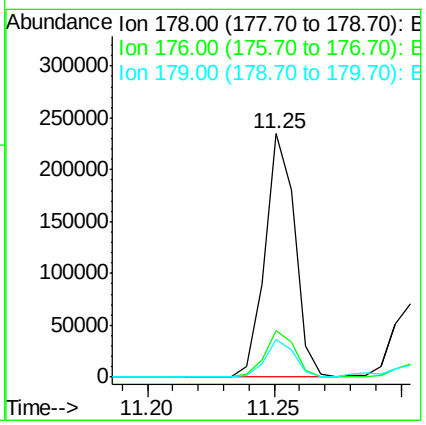


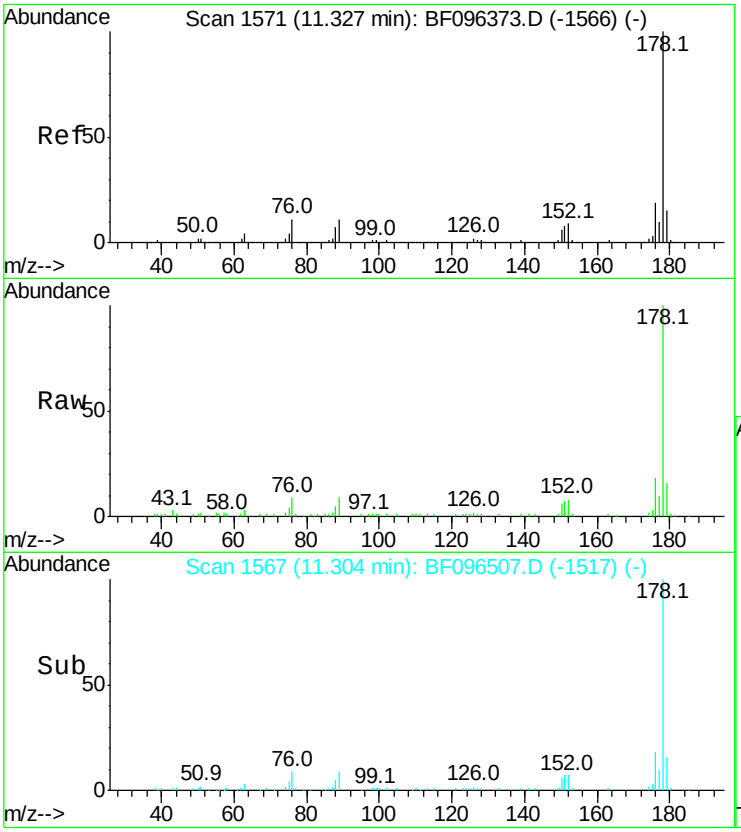


#70
Phenanthrene
Concen: 17.07 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:178 Resp: 194101

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



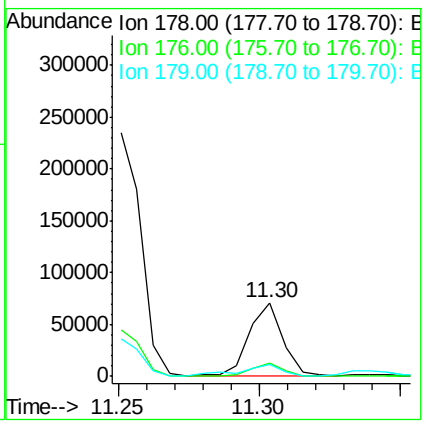


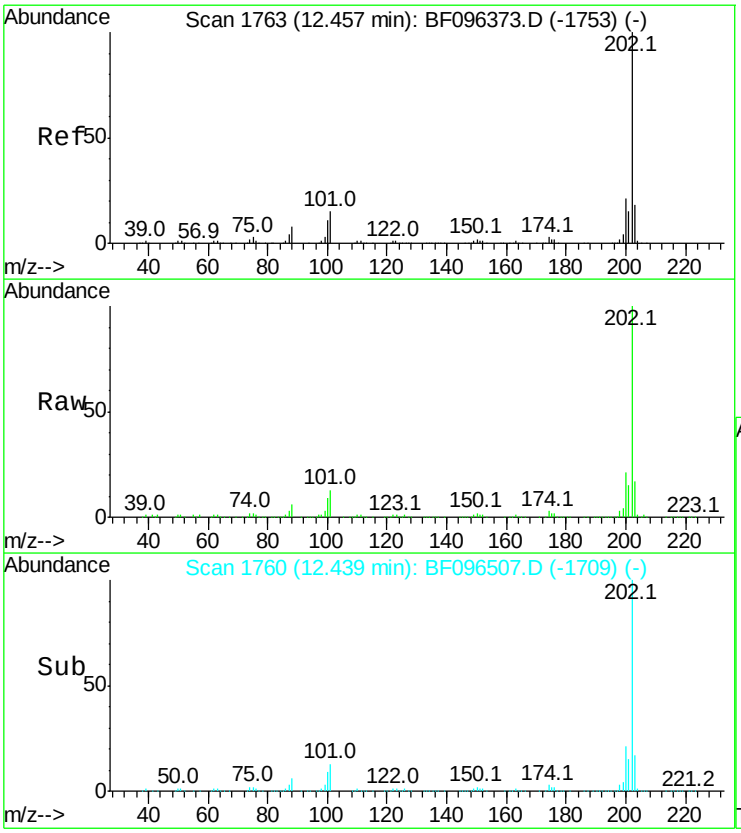
#71
Anthracene
Concen: 4.99 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:178 Resp: 57885

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.2	12.7	19.1

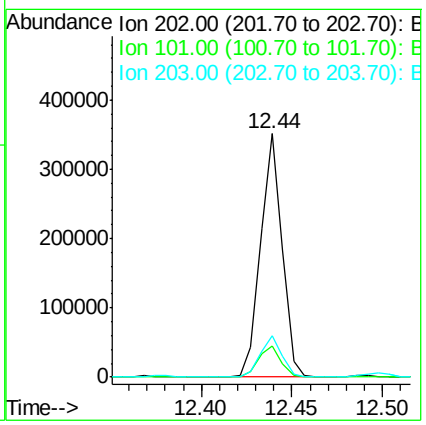


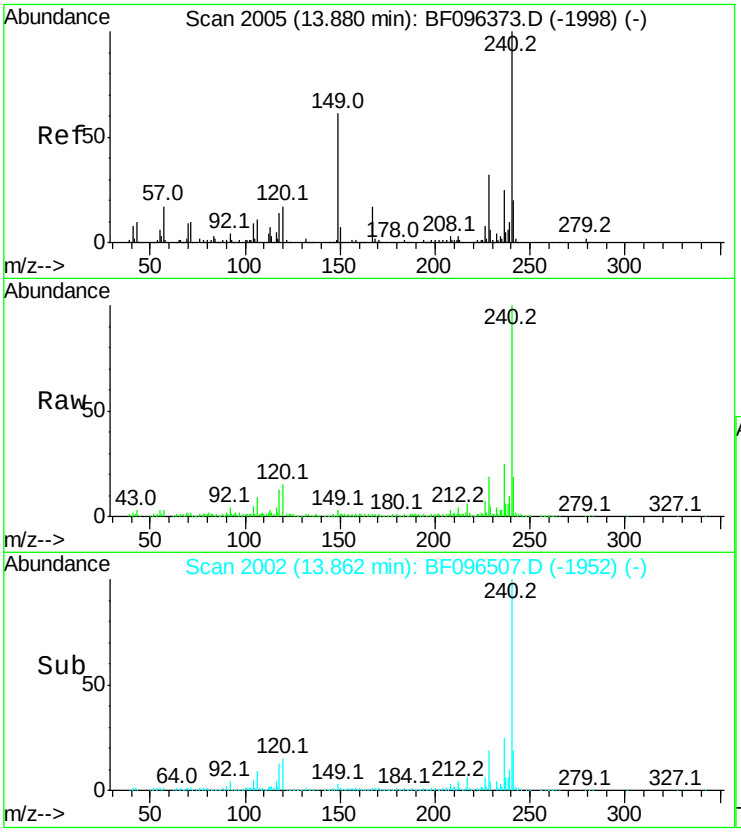


#74
Fluoranthene
Concen: 26.08 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:202 Resp: 290762

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.2	0.0	38.1



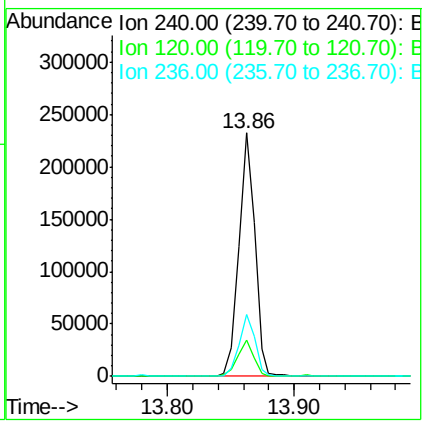


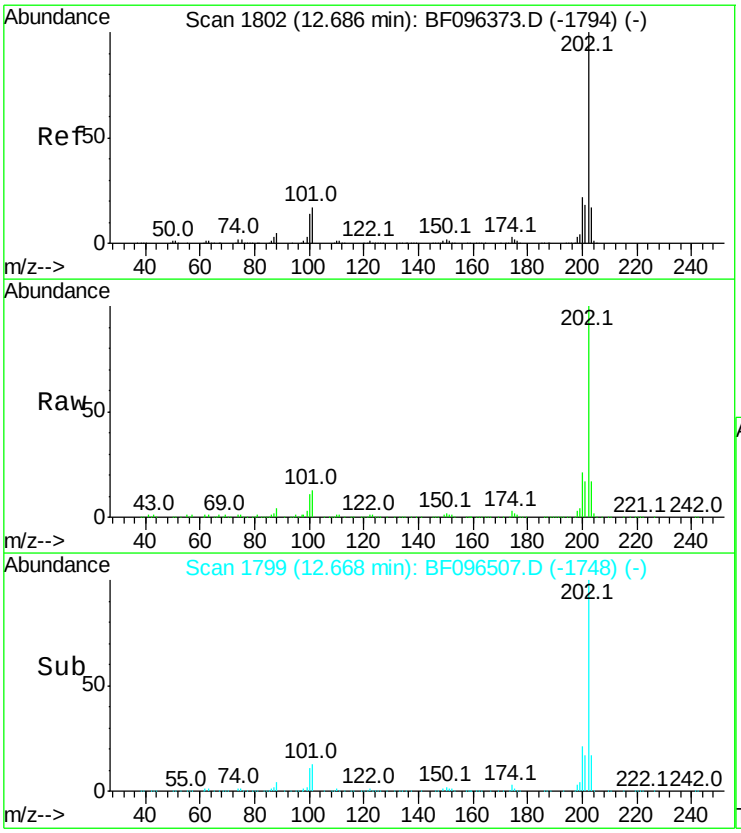
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:240 Resp: 201671

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.2	20.5	30.7

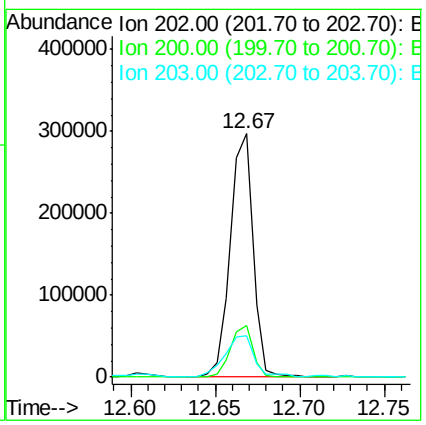


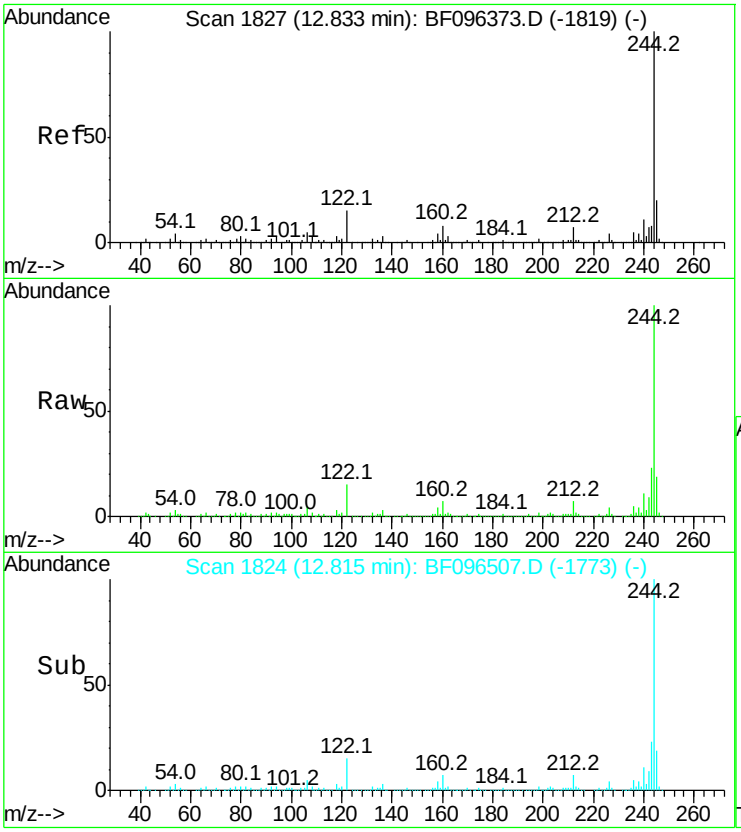


#77
Pyrene
Concen: 17.10 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:202 Resp: 276785

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.1	14.4	21.6



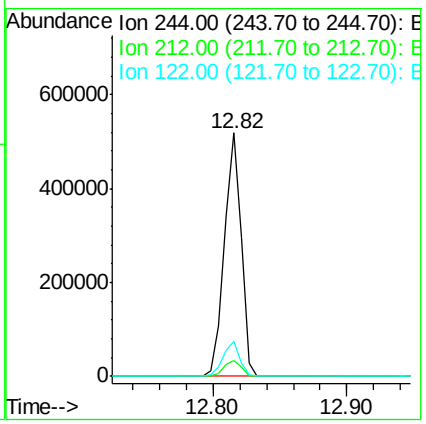


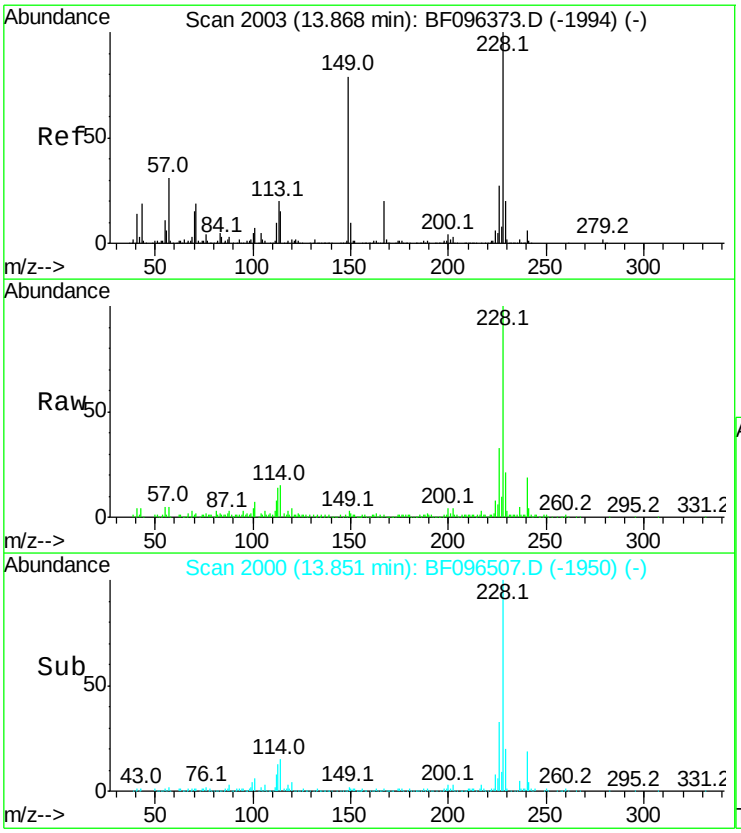
#78
Terphenyl-d14
Concen: 49.13 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:244 Resp: 463700

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

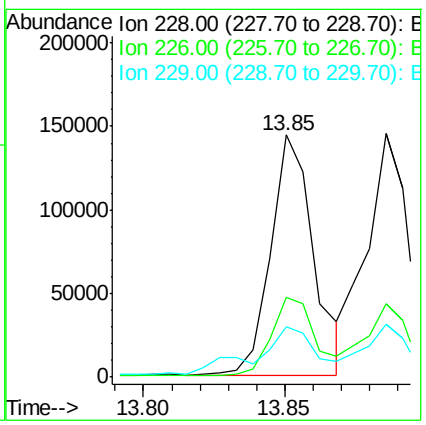


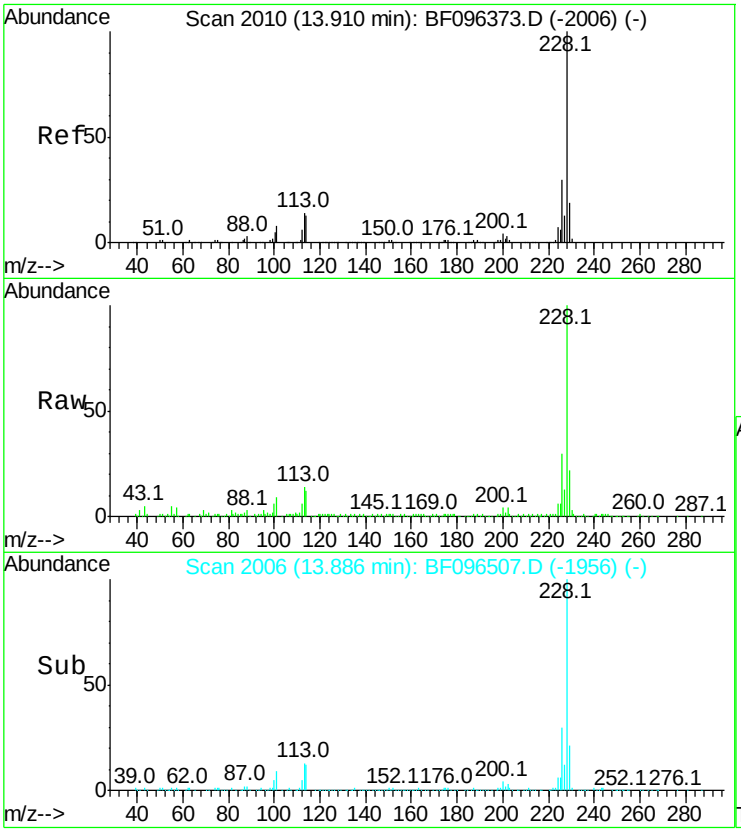


#80
Benzo(a)anthracene
Concen: 13.00 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:228 Resp: 151846

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	20.7	16.3	24.5



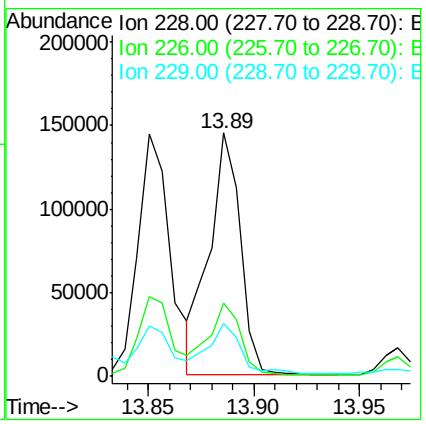


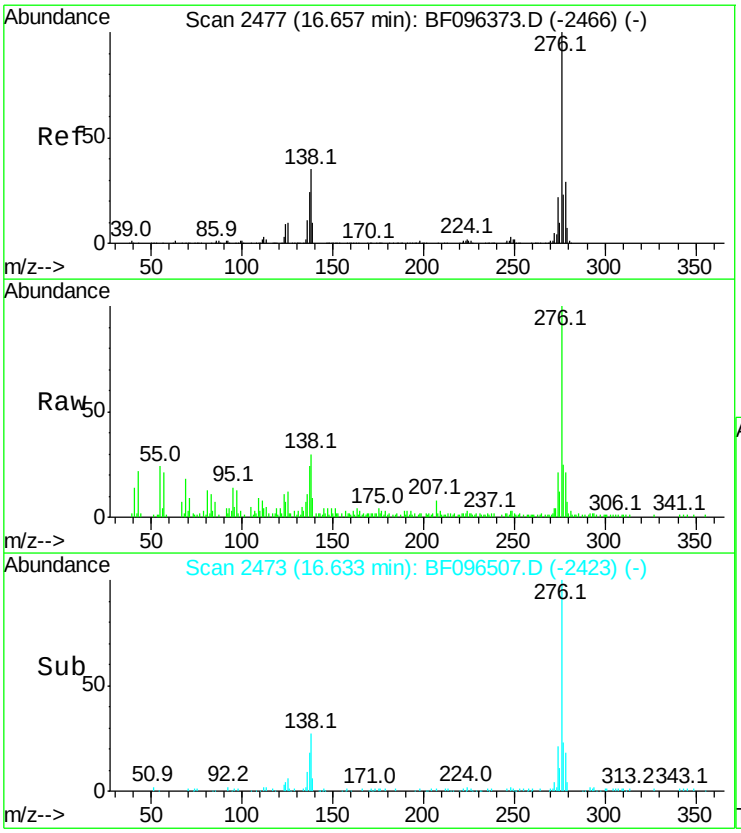
#82
Chrysene
Concen: 12.12 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:228 Resp: 148209

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.0	15.8	23.6

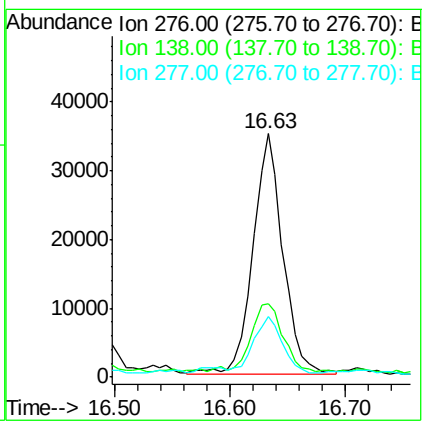


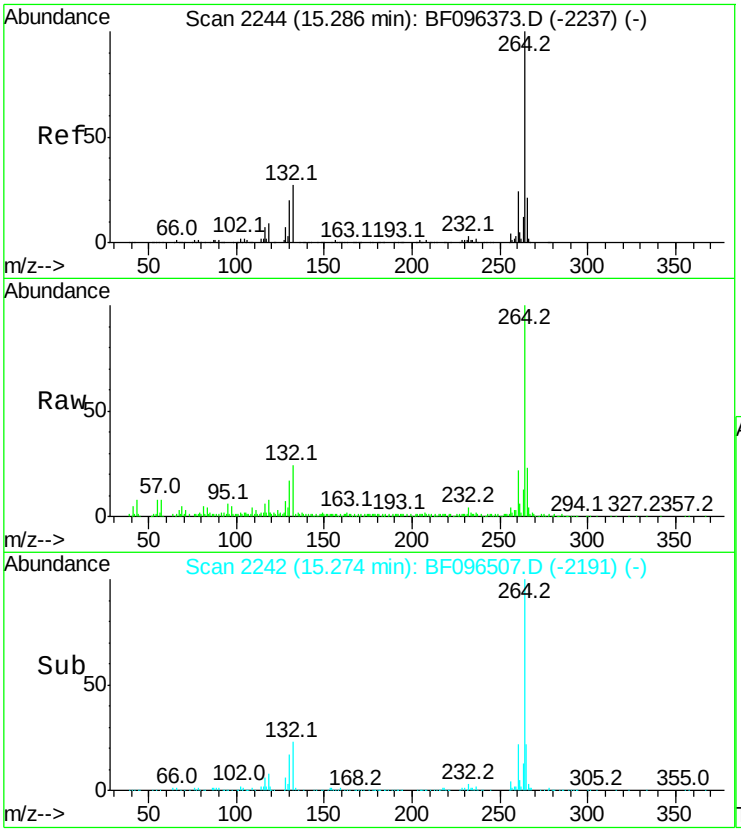


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.59 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:276 Resp: 63573

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	22.5	20.2	30.4



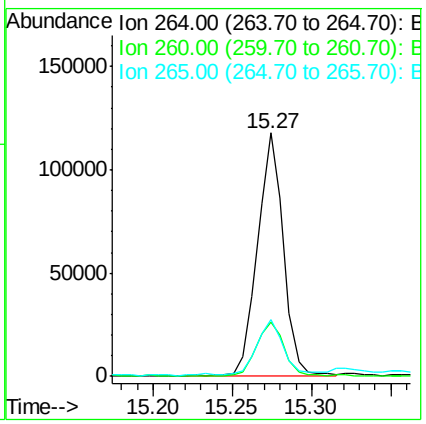


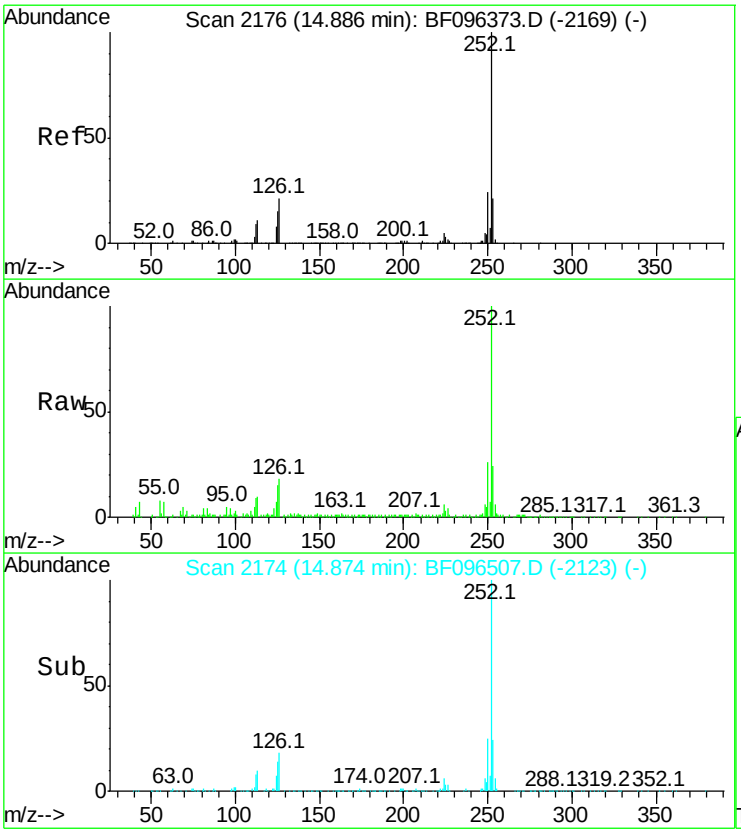
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:264 Resp: 135526

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	23.0	17.2	25.8

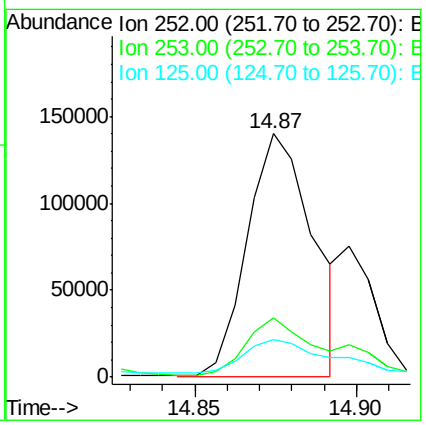


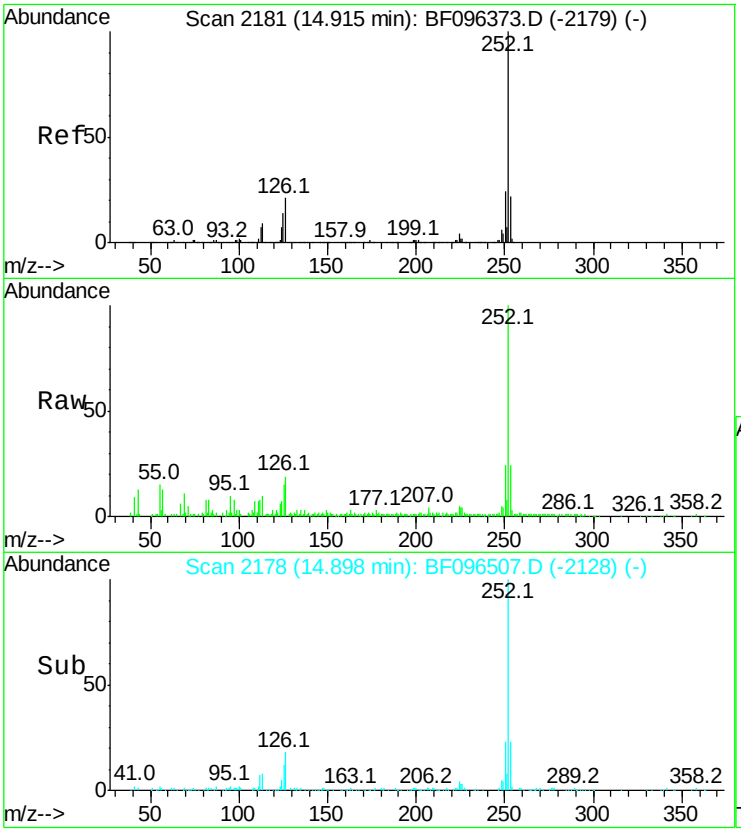


#87
Benzo(b)fluoranthene
Concen: 23.47 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:252 Resp: 199281

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	15.2	9.8	14.8#



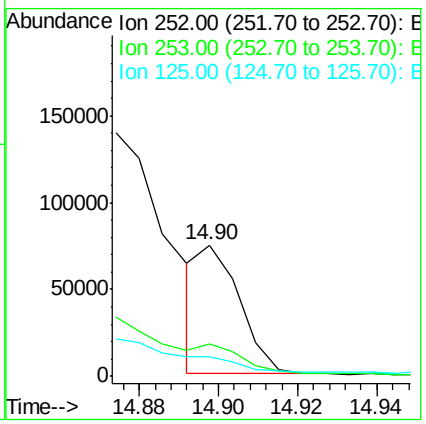


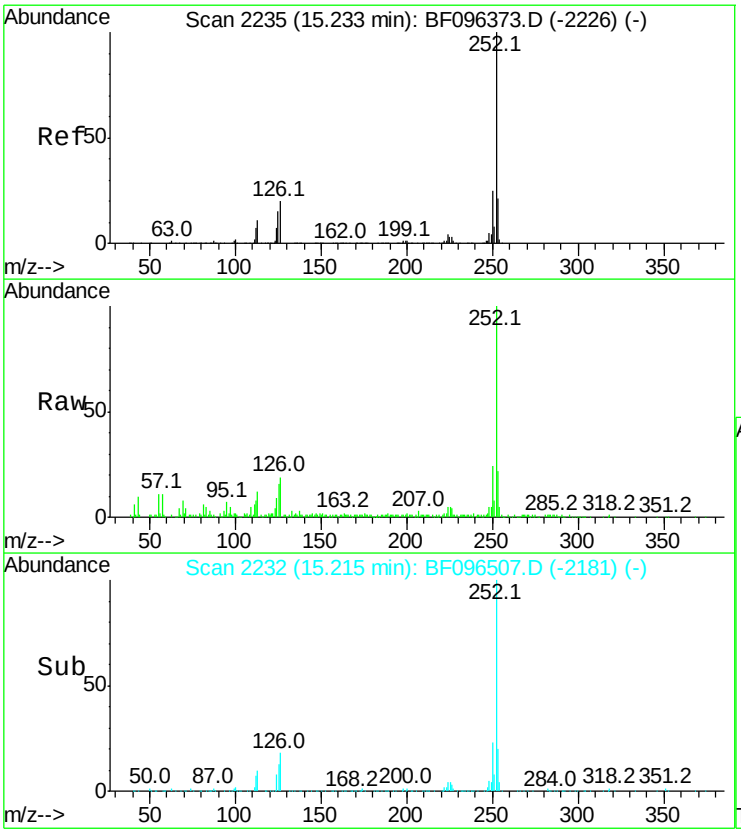
#88
Benzo(k)fluoranthene
Concen: 6.93 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:252 Resp: 52612

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	14.8	13.1	19.7

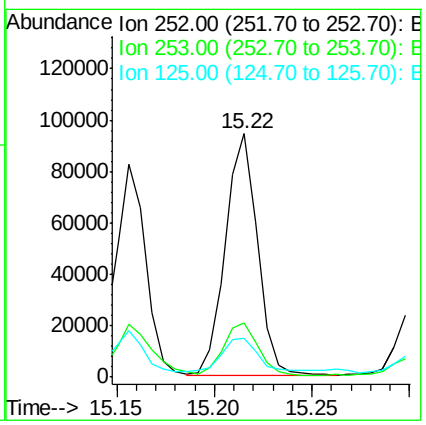


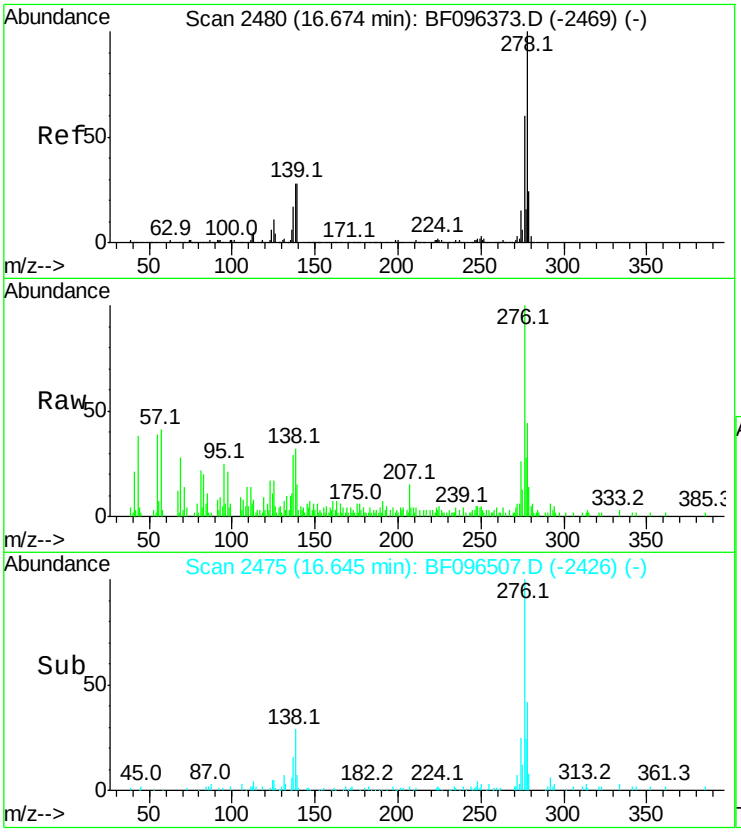


#89
Benzo(a)pyrene
Concen: 14.31 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:252 Resp: 108509

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.8	11.0	16.4



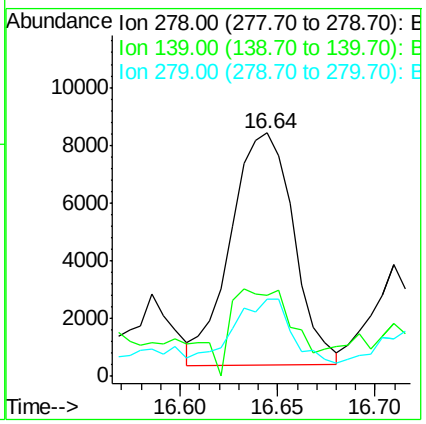


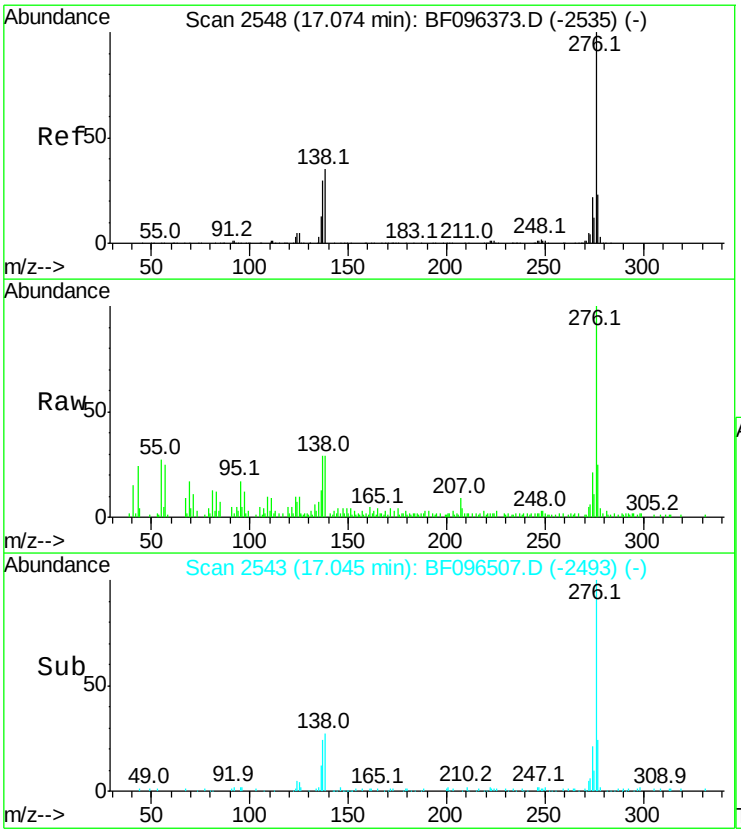
#90
Dibenzo(a,h)anthracene
Concen: 3.01 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :
B10-2-4

Tgt Ion:278 Resp: 17937

Ion	Ratio	Lower	Upper
278	100		
139	33.2	16.6	24.8#
279	31.8	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 9.22 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF096507.D
Acq: 6 Jul 2017 2:52

Tgt Ion:276 Resp: 57002

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	28.8	25.4	38.0