Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
Data File : BF096388.D
Acq On : 1 Jul 2017 19:36
Operator : SJ/MA
Sample : I3908-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 01:50:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153697	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	627147	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	222803	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	315318	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	291707	20.00	ng		-0.01
86) Perylene-d12	15.28	264	263091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	929306	89.24	ng		0.00
7) Phenol-d6	6.37	99	1140240	89.07	ng		0.00
23) Nitrobenzene-d5	7.29	82	691003	66.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	148883	85.55	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1011553	77.63	ng		0.00
78) Terphenyl-d14	12.83	244	593793	43.50	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	91381	11.98	ng	#	87
25) Isophorone	7.29	82	683243	33.76	ng	#	67
49) Dimethylphthalate	9.48	163	278110	16.72	ng		99
56) 2,4-Dinitrotoluene	9.76	165	29021	6.23	ng	#	33
66) 4-Bromophenyl-phenylether	10.55	248	10245	3.34	ng	#	1
70) Phenanthrene	11.26	178	43814	2.57	ng		98
74) Fluoranthene	12.45	202	63059	3.77	ng		99
77) Pyrene	12.67	202	58209	2.49	ng		99
80) Benzo(a)anthracene	13.86	228	36631	2.17	ng		91
82) Chrysene	13.89	228	42701	2.41	ng	#	95
87) Benzo(b)fluoranthene	14.88	252	73242	4.44	ng	#	93
88) Benzo(k)fluoranthene	14.88	252	73242	4.97	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
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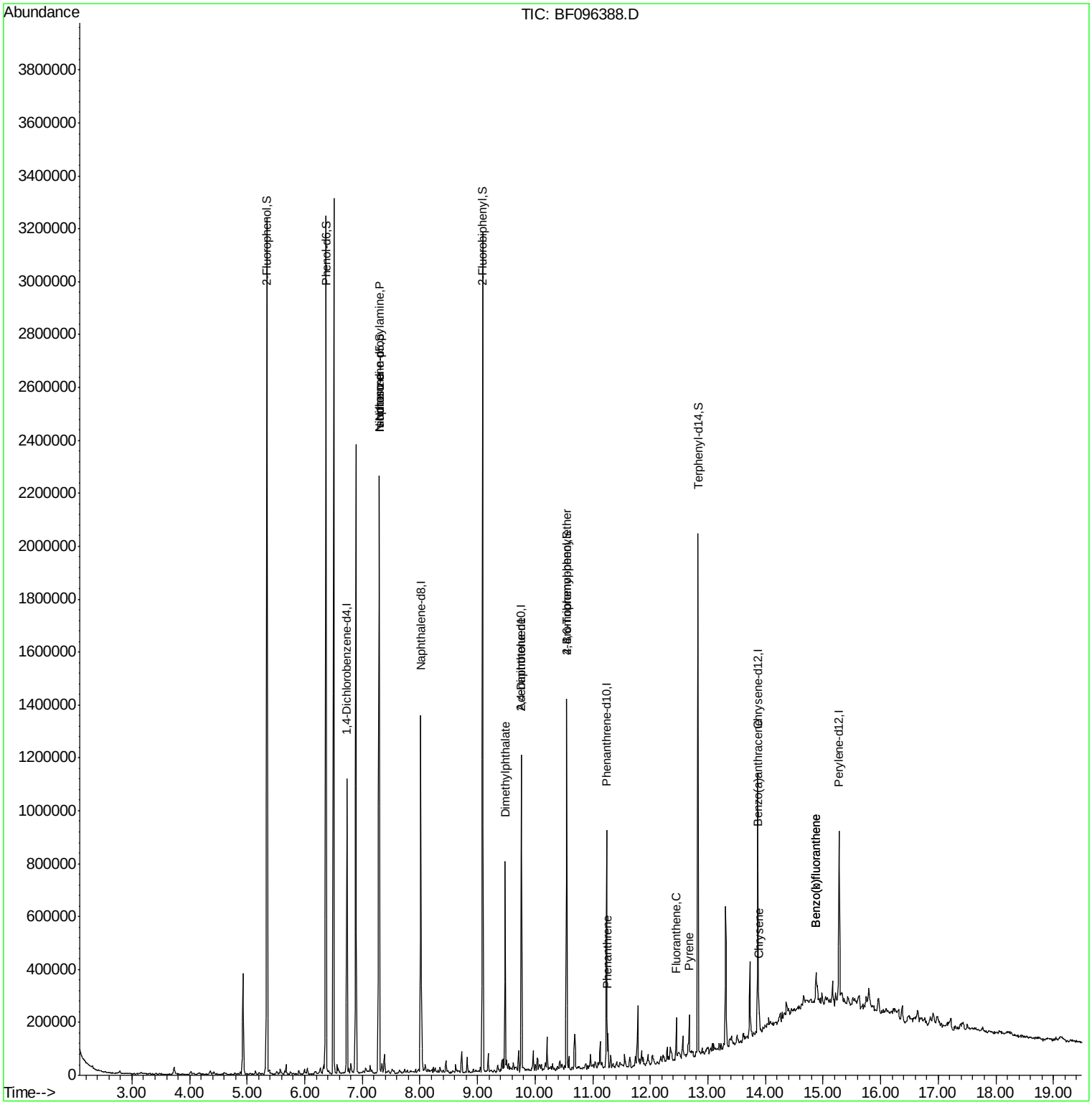
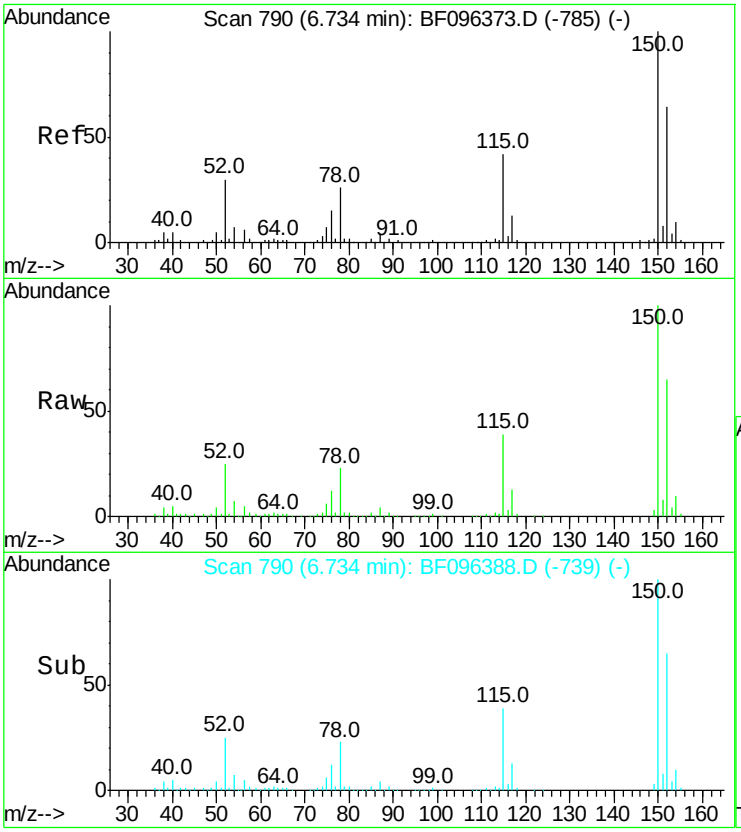


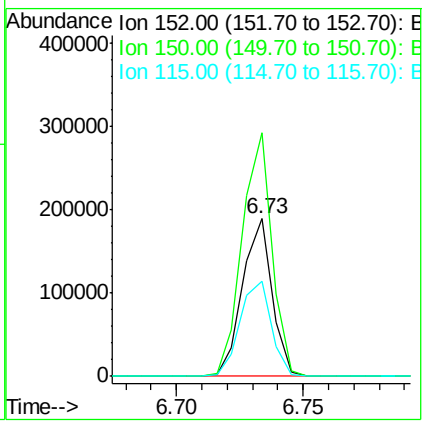


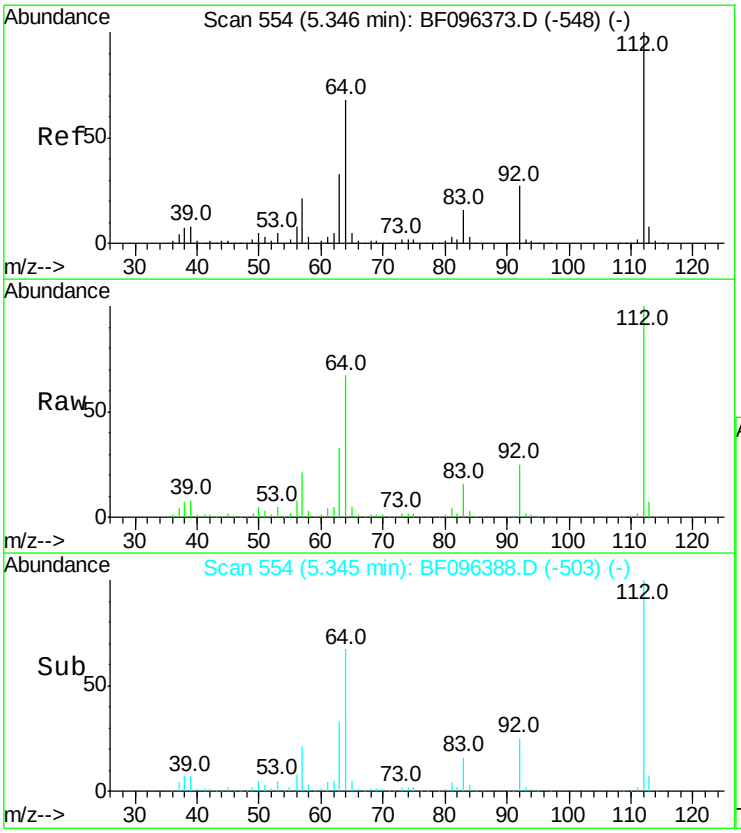
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153697

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	59.9	52.2	78.2

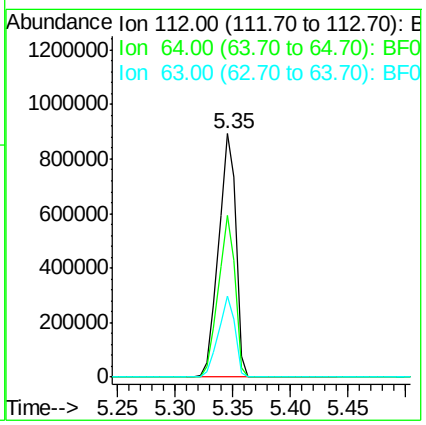


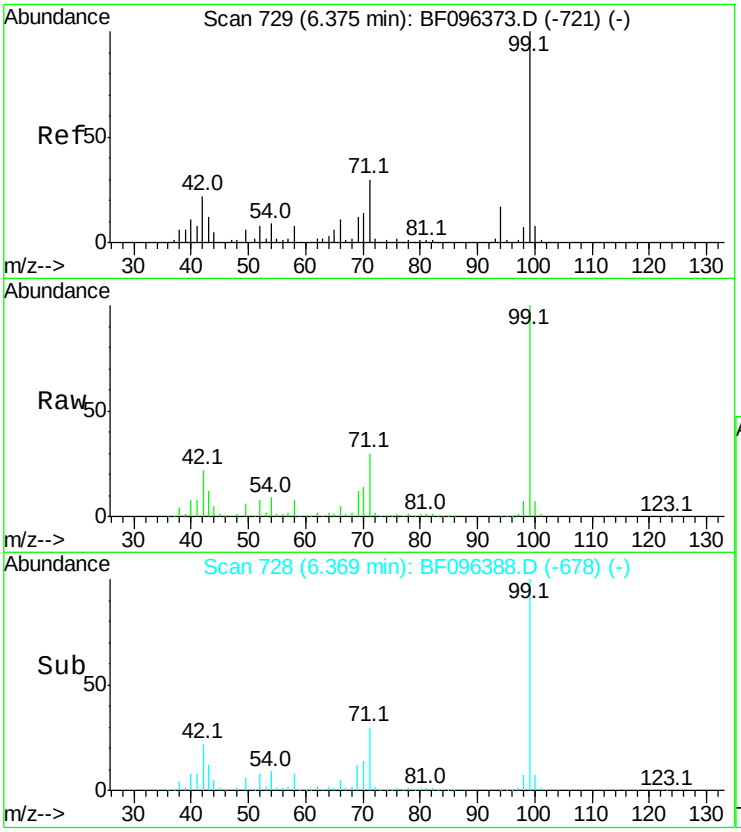


#5
2-Fluorophenol
Concen: 89.24 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:112 Resp: 929306

Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.0	69.0
63	33.0	23.4	35.0



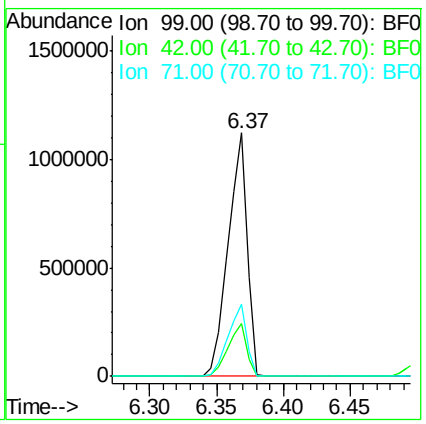


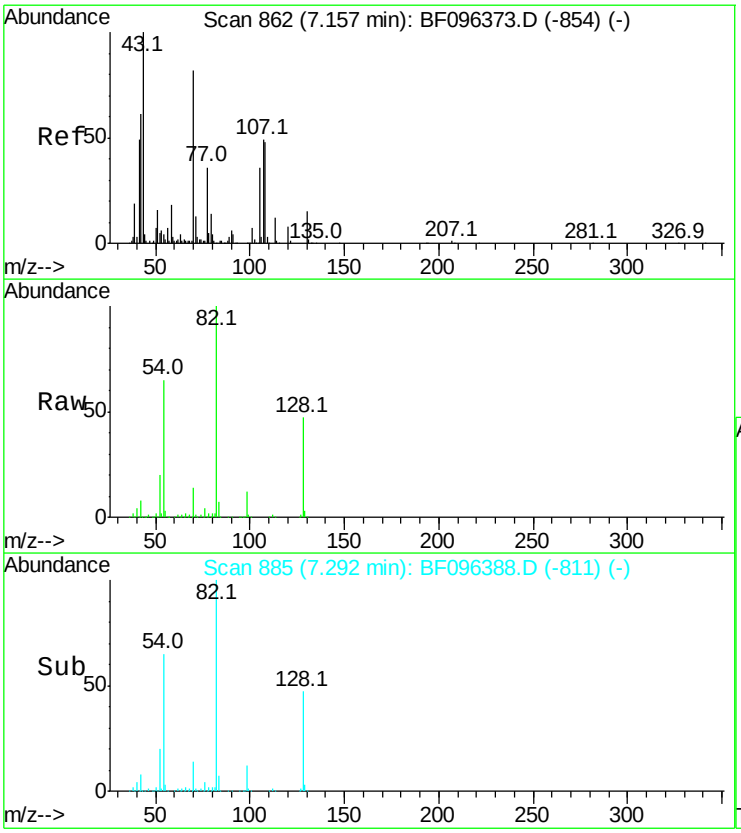
#7
Phenol-d6
Concen: 89.07 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1140240

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	29.8	24.5	36.7

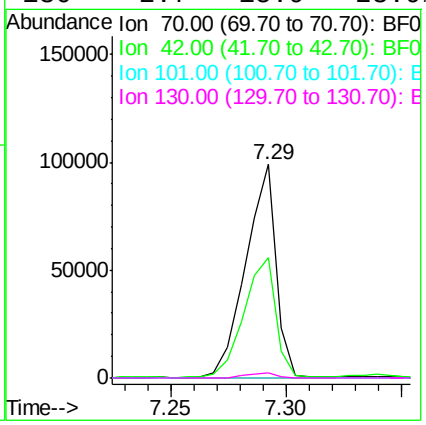


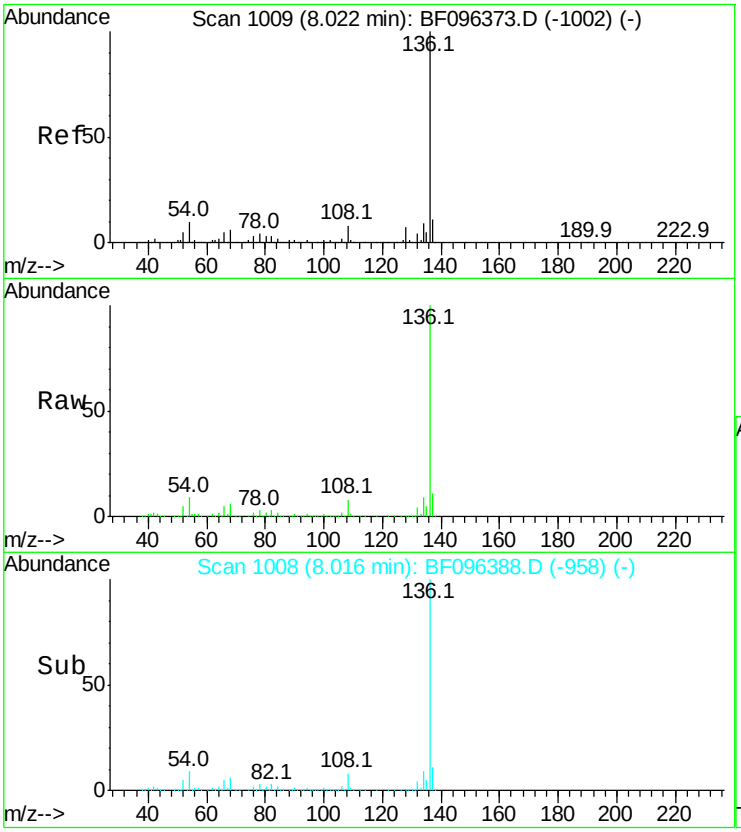


#19
n-Nitroso-di-n-propylamine
Concen: 11.98 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion: 70 Resp: 91381

Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#



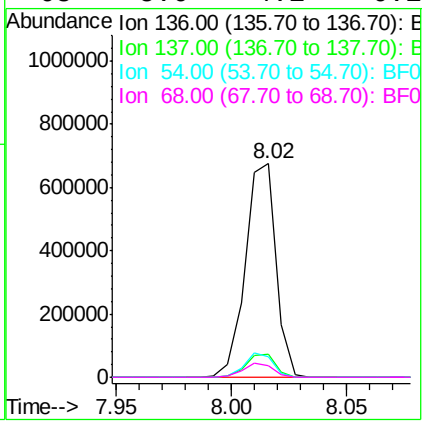


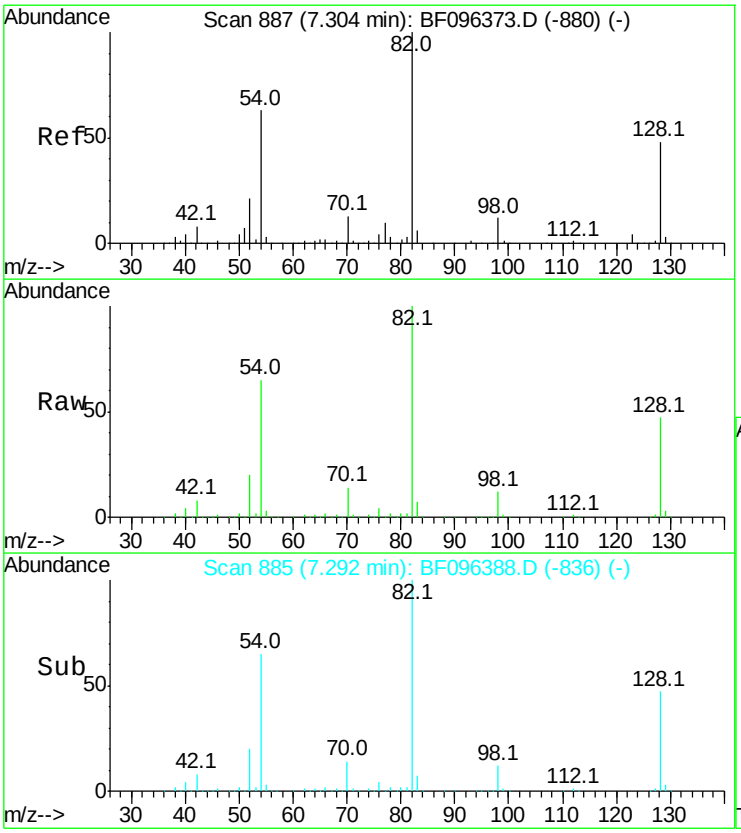
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 627147

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.4	4.9	7.3#
68	5.6	4.1	6.1

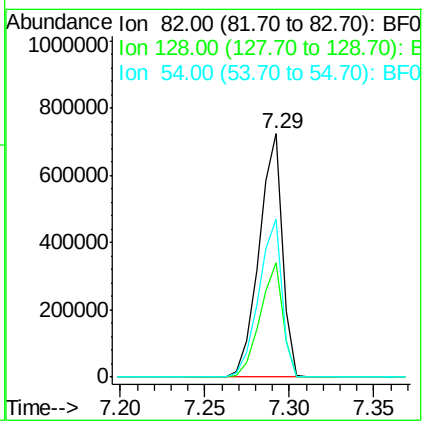


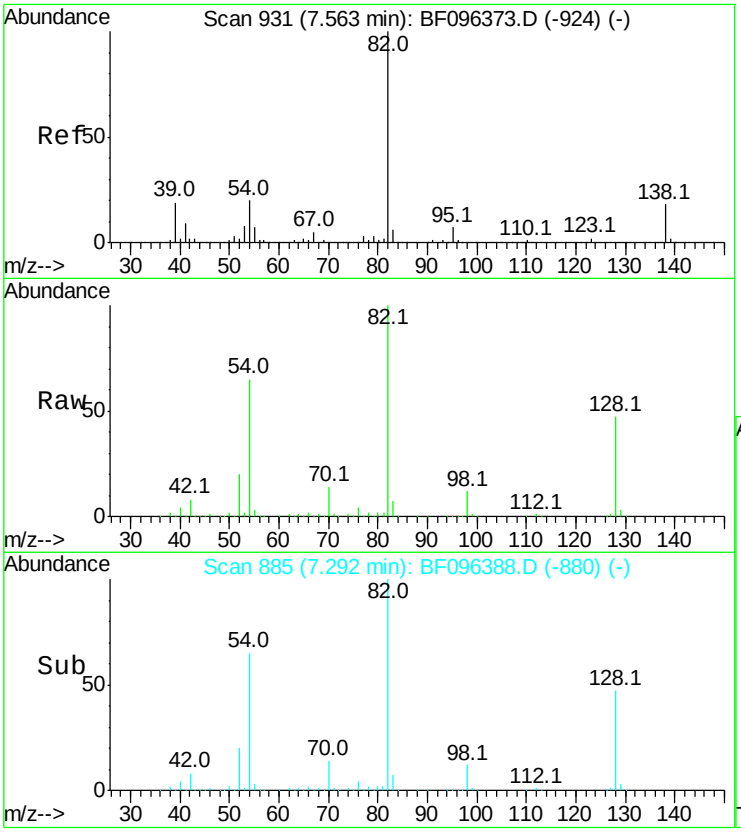


#23
Nitrobenzene-d5
Concen: 66.21 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion: 82 Resp: 691003

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	64.8	42.2	63.2#



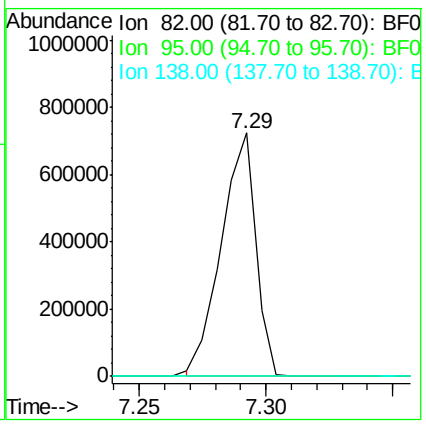


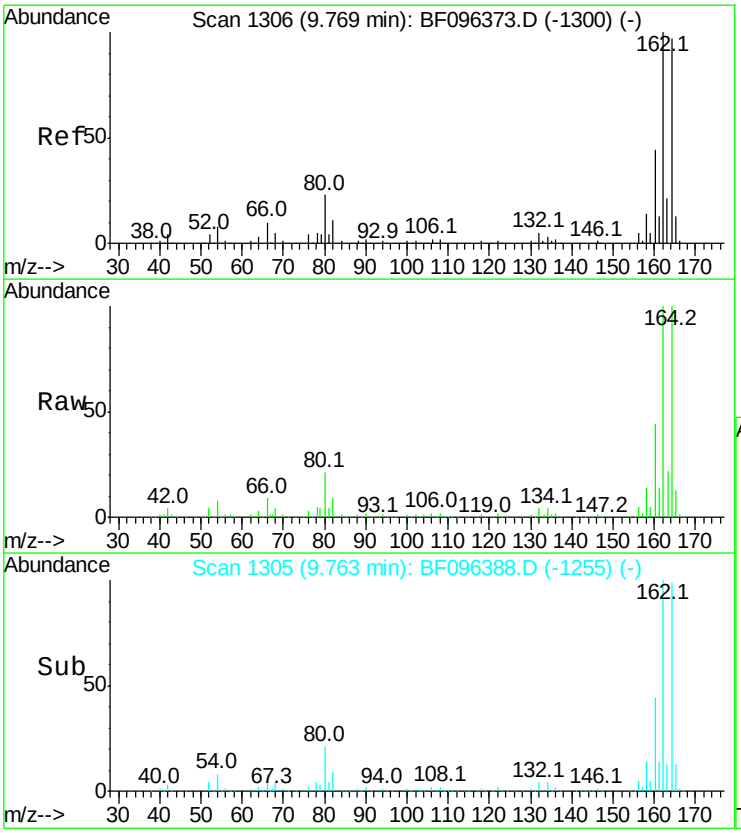
#25
Isophorone
Concen: 33.76 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 683243

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

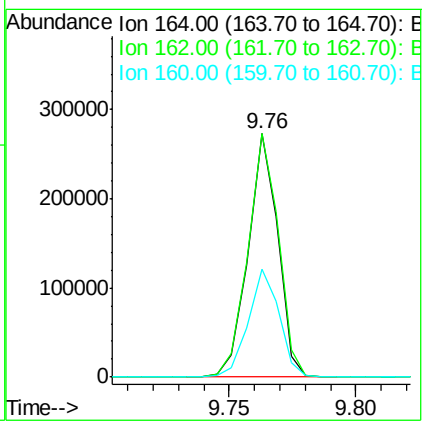


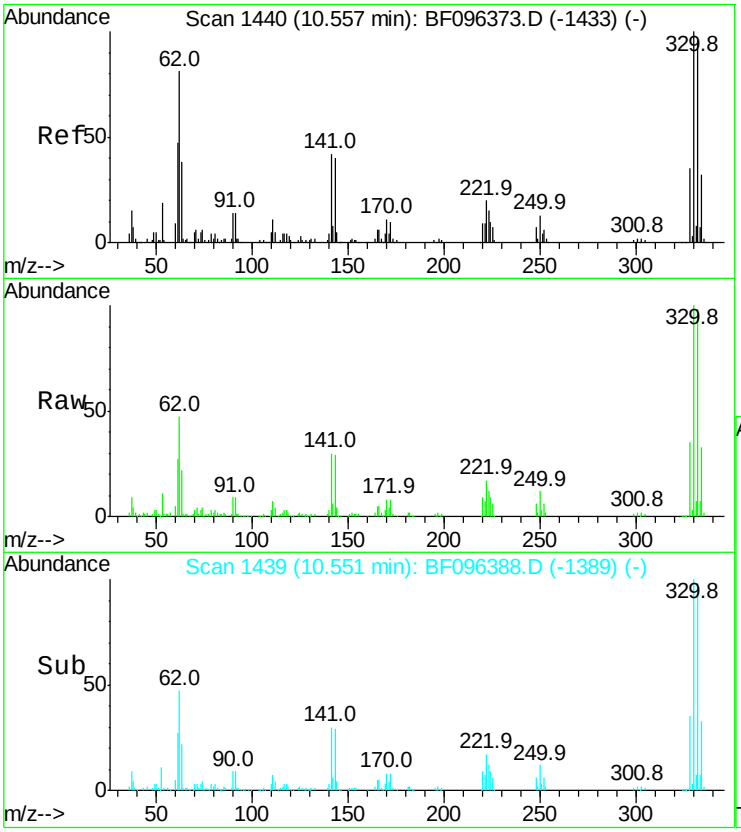


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:164 Resp: 222803

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	44.4	36.2	54.2



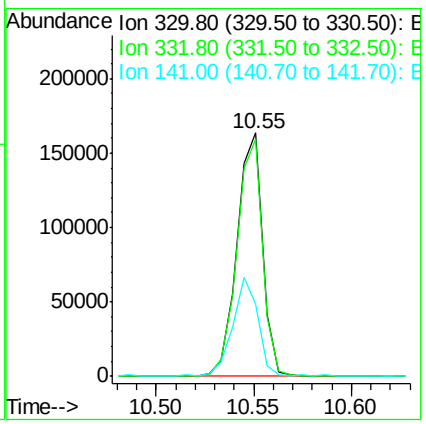


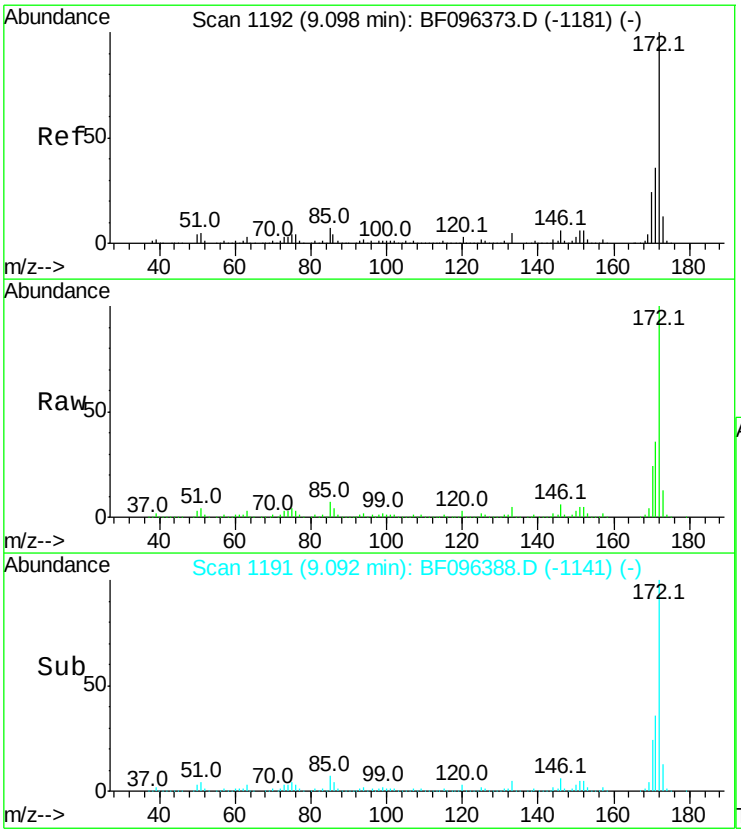
#41
2,4,6-Tribromophenol
Concen: 85.55 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 148883

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	41.2	31.4	47.2

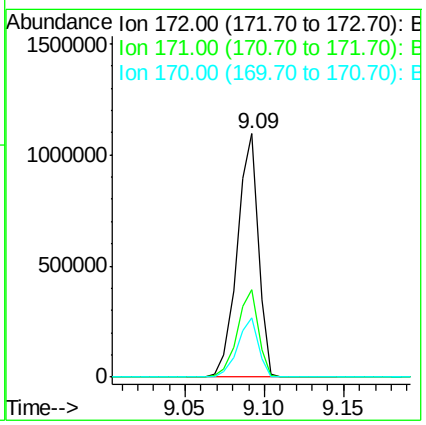


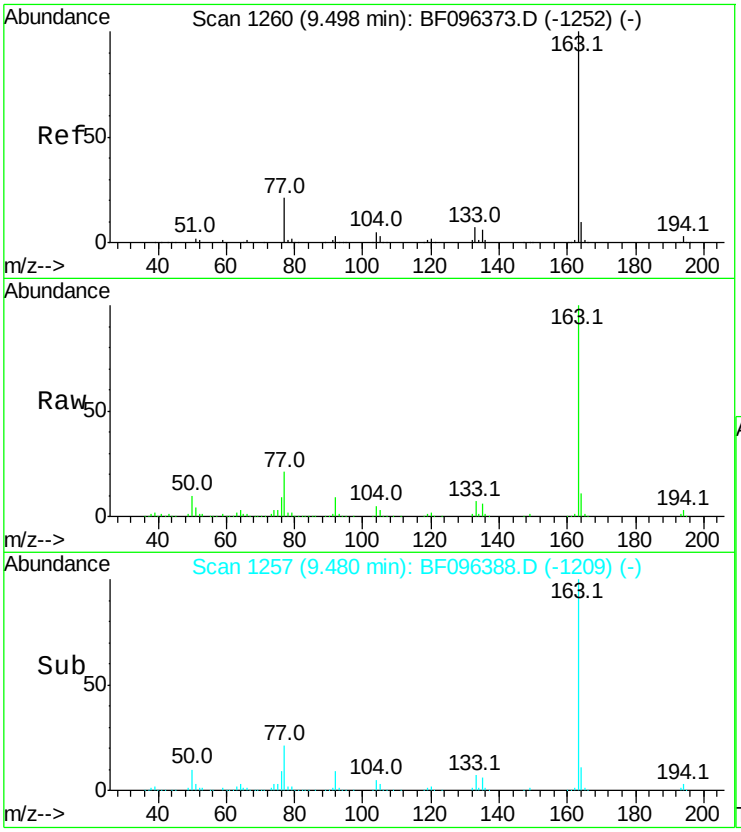


#44
2-Fluorobiphenyl
Concen: 77.63 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:172 Resp: 1011553

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.1	19.8	29.8



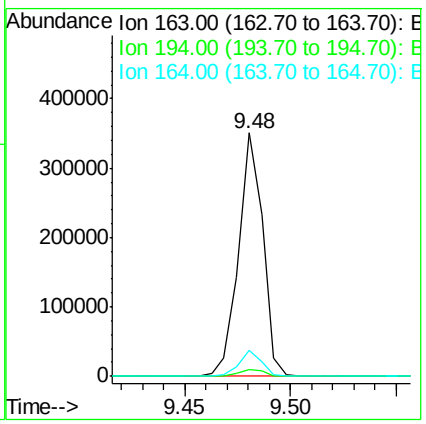


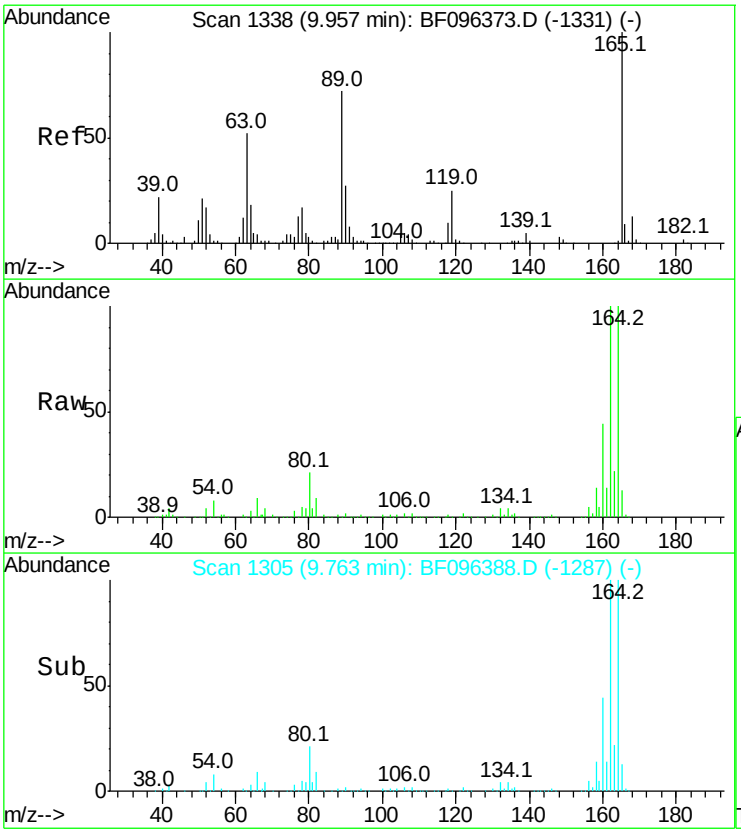
#49
Dimethylphthalate
Concen: 16.72 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 278110

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.7	8.4	12.6

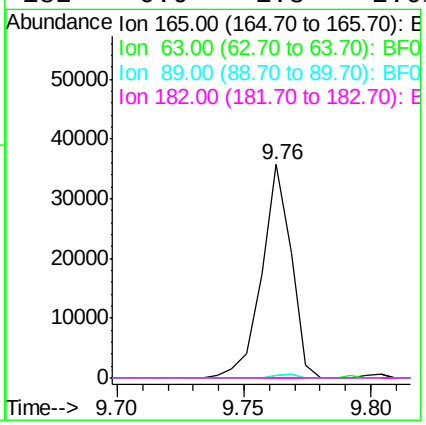


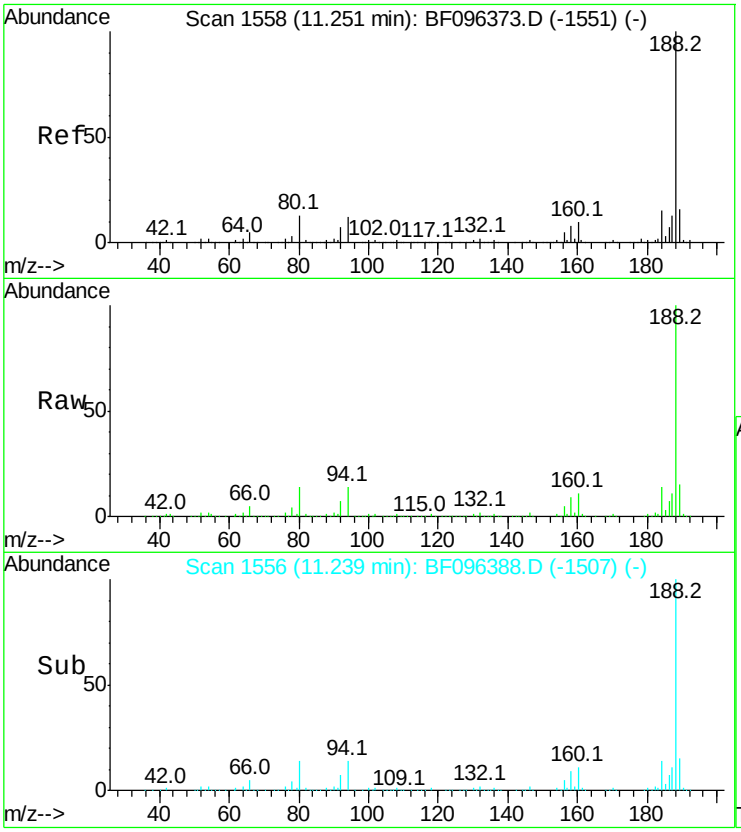


#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:165 Resp: 29021

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



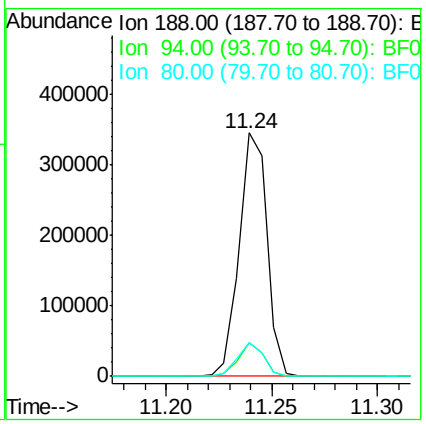


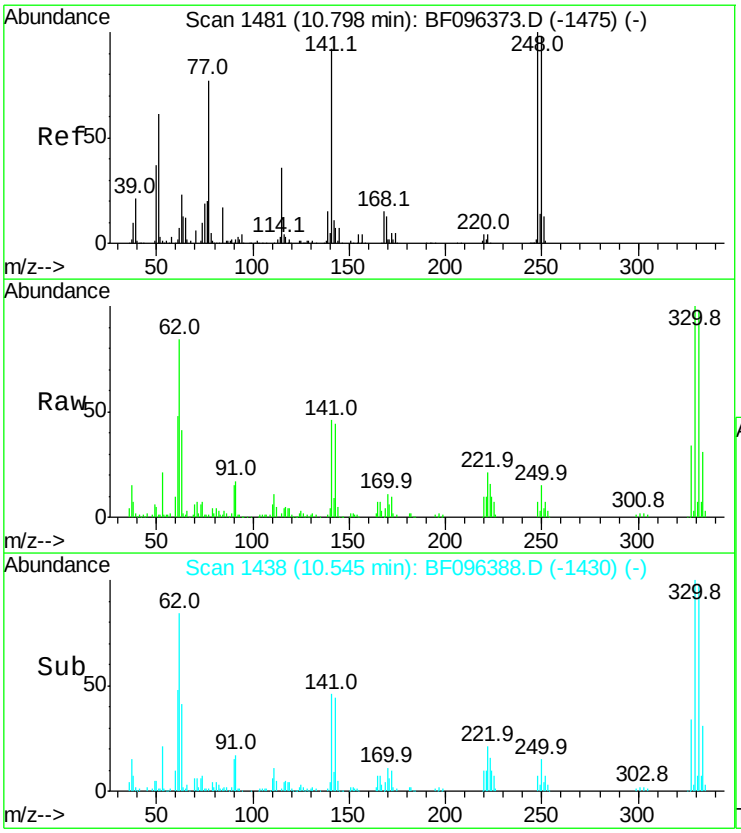
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 315318

Ion	Ratio	Lower	Upper
188	100		
94	13.6	9.4	14.2
80	13.7	10.2	15.2

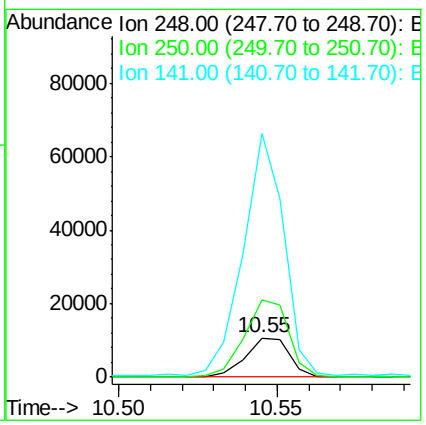


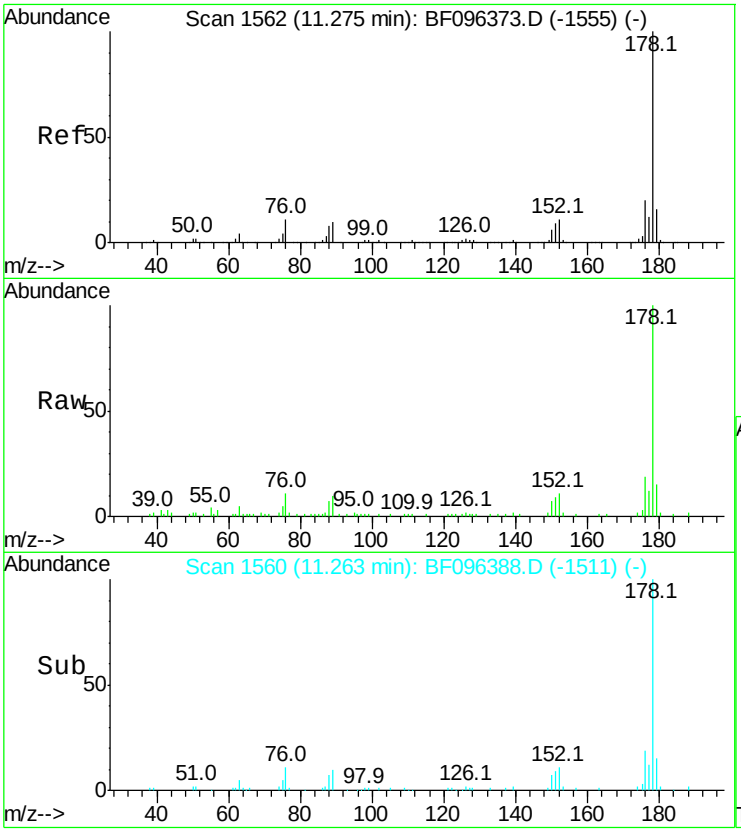


#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:248 Resp: 10245

Ion	Ratio	Lower	Upper
248	100		
250	197.3	76.8	115.2#
141	619.3	68.6	103.0#



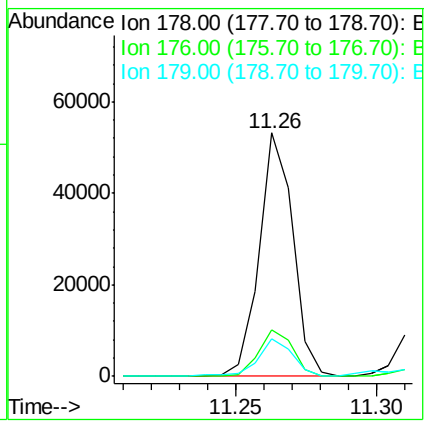


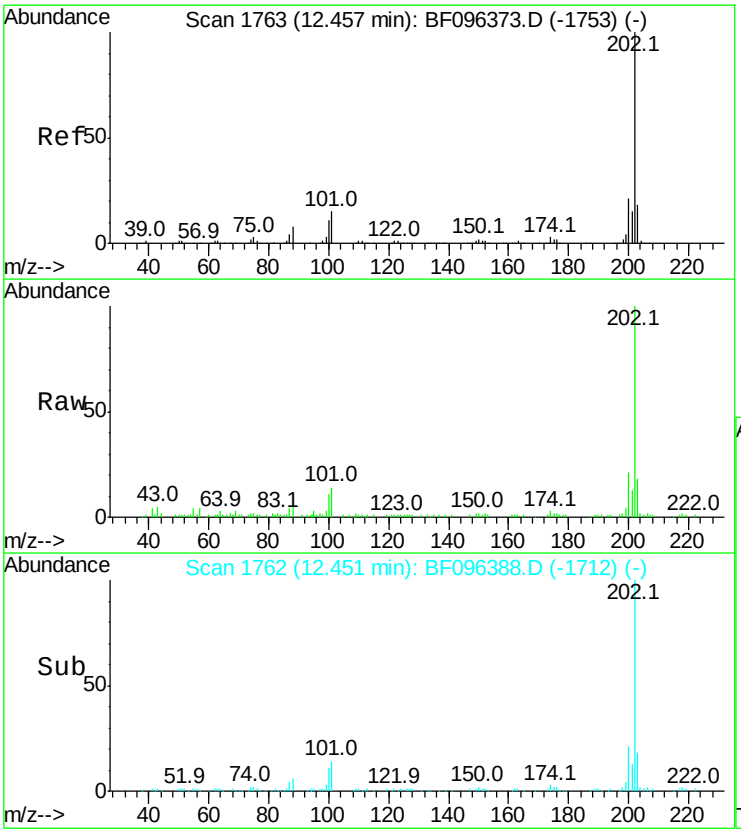
#70
Phenanthrene
Concen: 2.57 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 43814

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.2	12.6	19.0

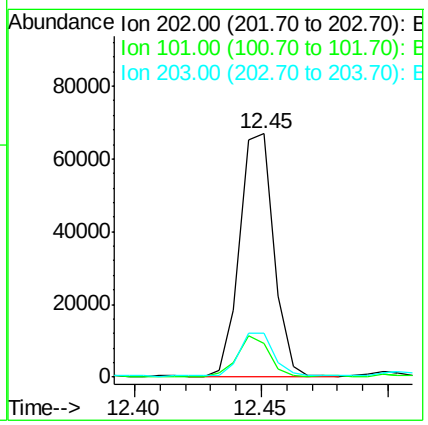


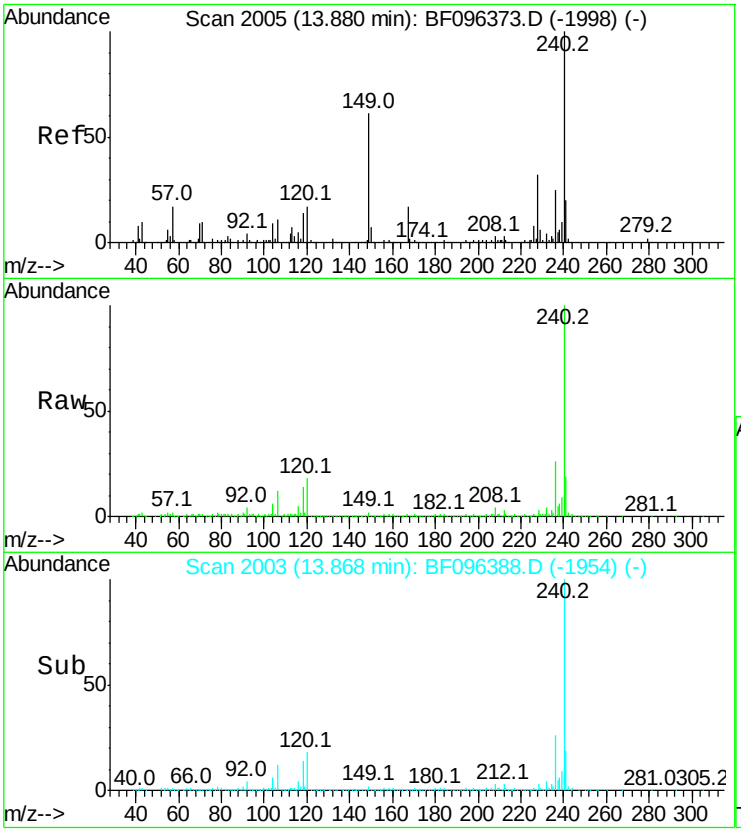


#74
Fluoranthene
Concen: 3.77 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:202 Resp: 63059

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.1	0.0	38.1



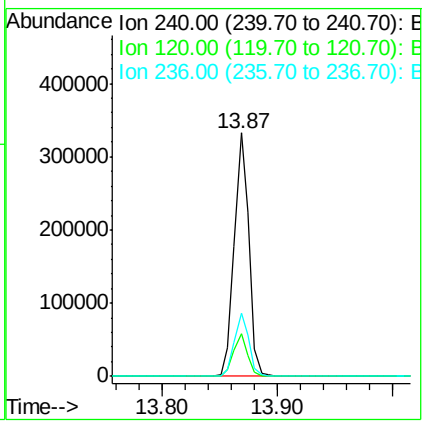


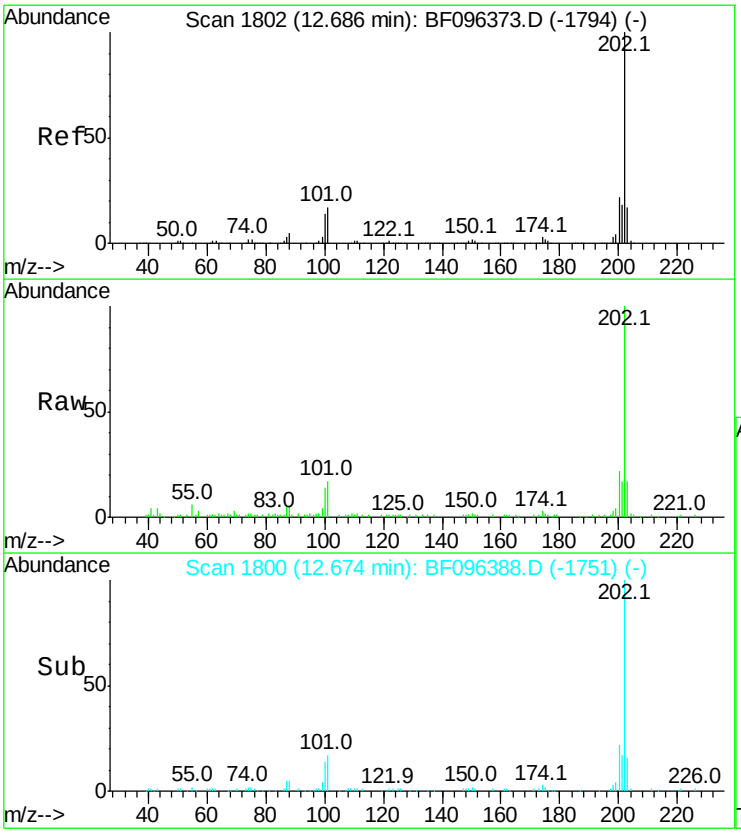
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 291707

Ion	Ratio	Lower	Upper
240	100		
120	17.8	5.8	8.8#
236	25.7	20.5	30.7

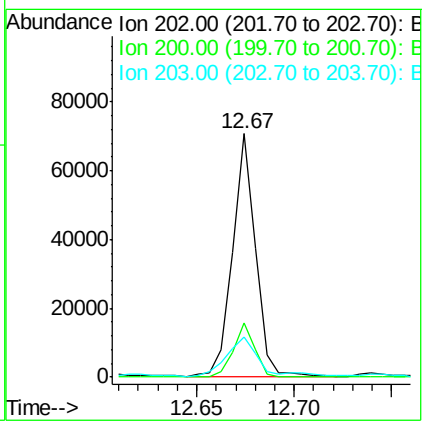


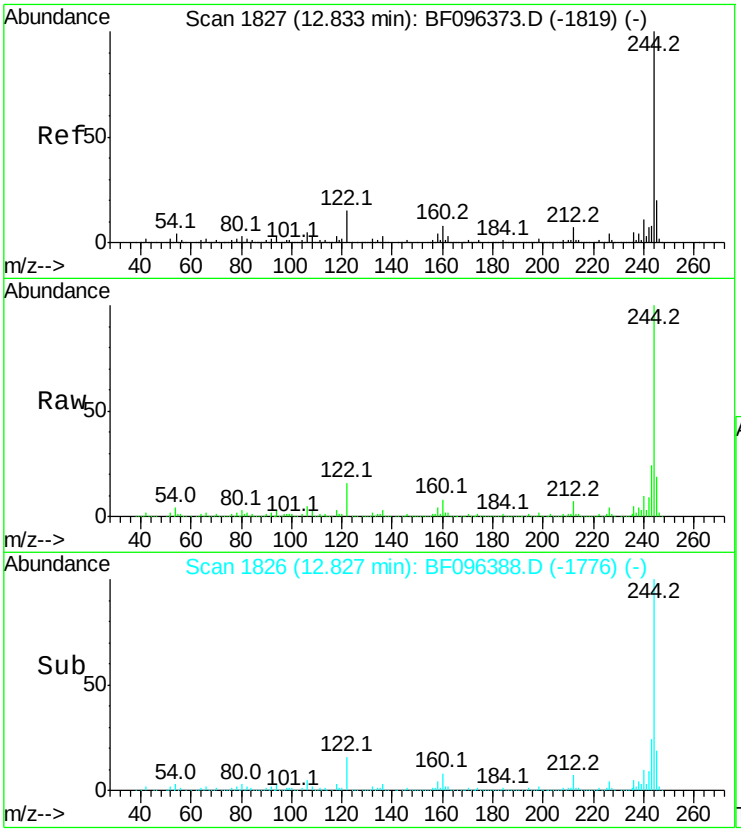


#77
Pyrene
Concen: 2.49 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:202 Resp: 58209

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	16.7	14.4	21.6



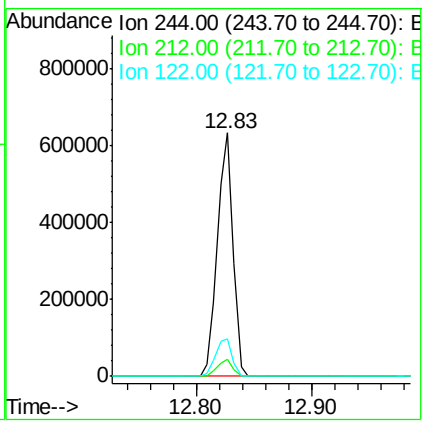


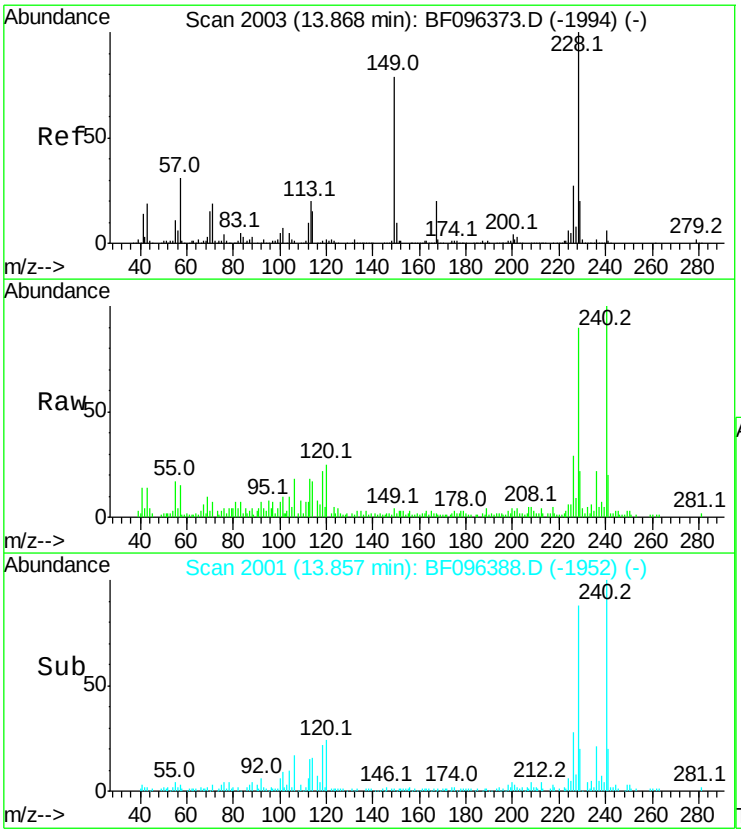
#78
Terphenyl-d14
Concen: 43.50 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 593793

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.6	10.3	15.5#

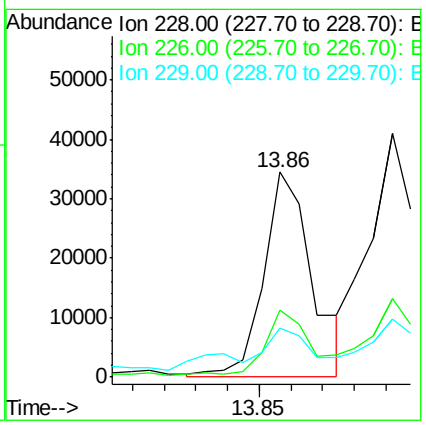


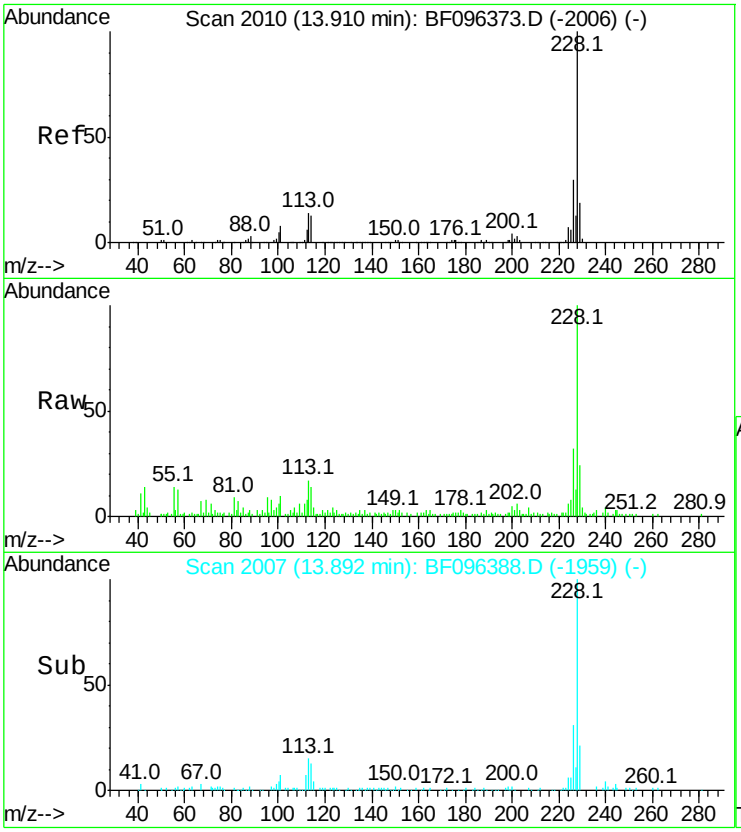


#80
Benzo(a)anthracene
Concen: 2.17 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:228 Resp: 36631

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	24.2	16.3	24.5



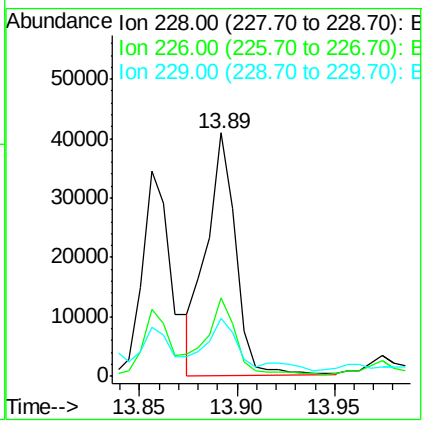


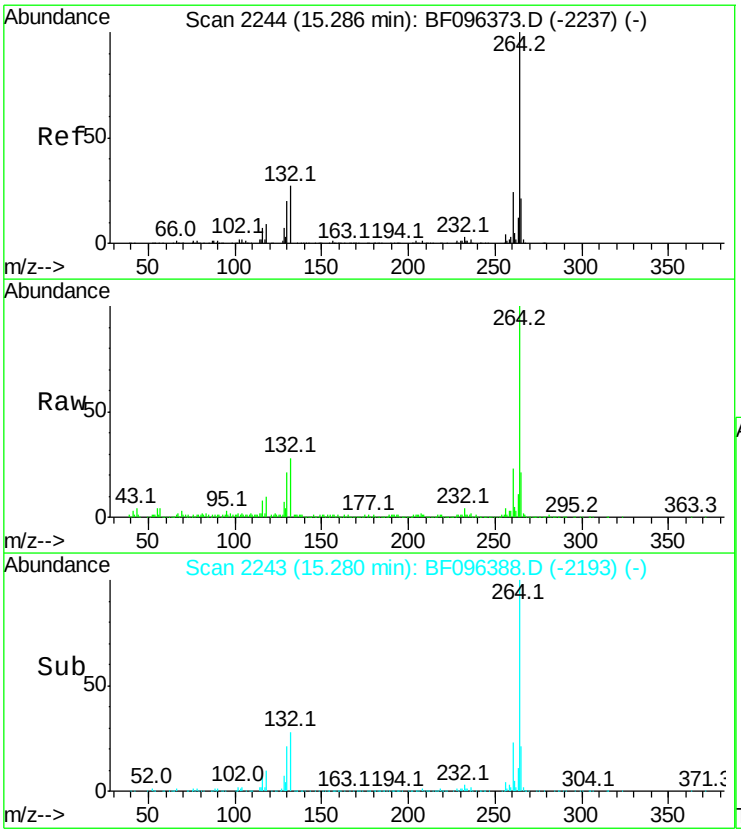
#82
Chrysene
Concen: 2.41 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 42701

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	23.8	15.8	23.6#

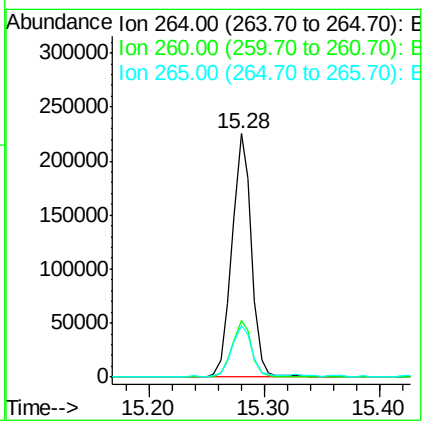


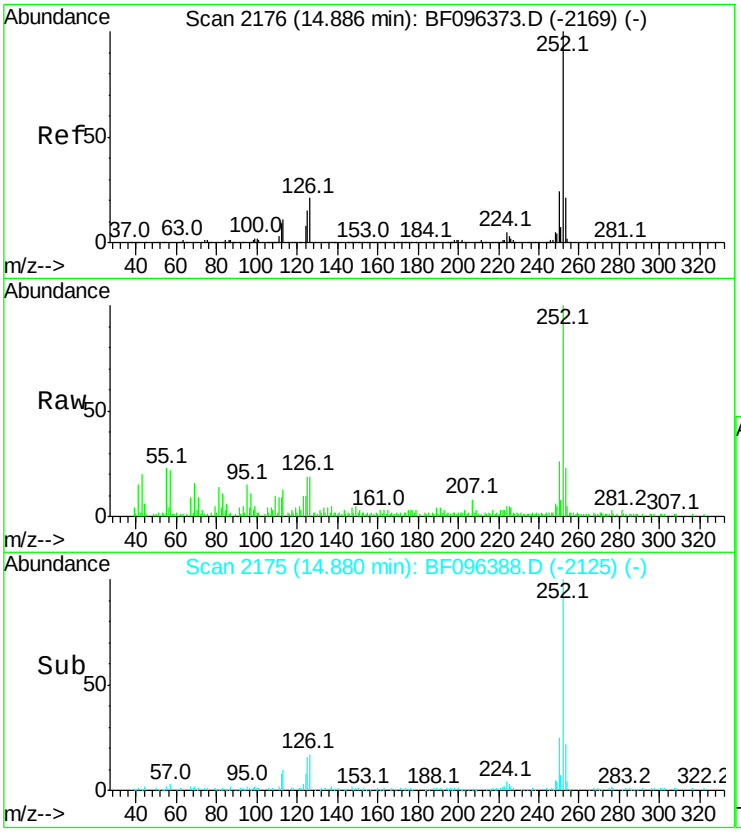


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:264 Resp: 263091

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.4	17.2	25.8



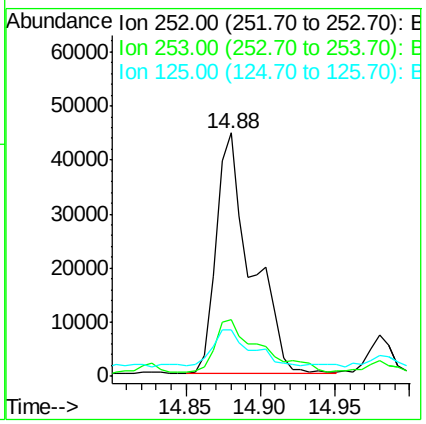


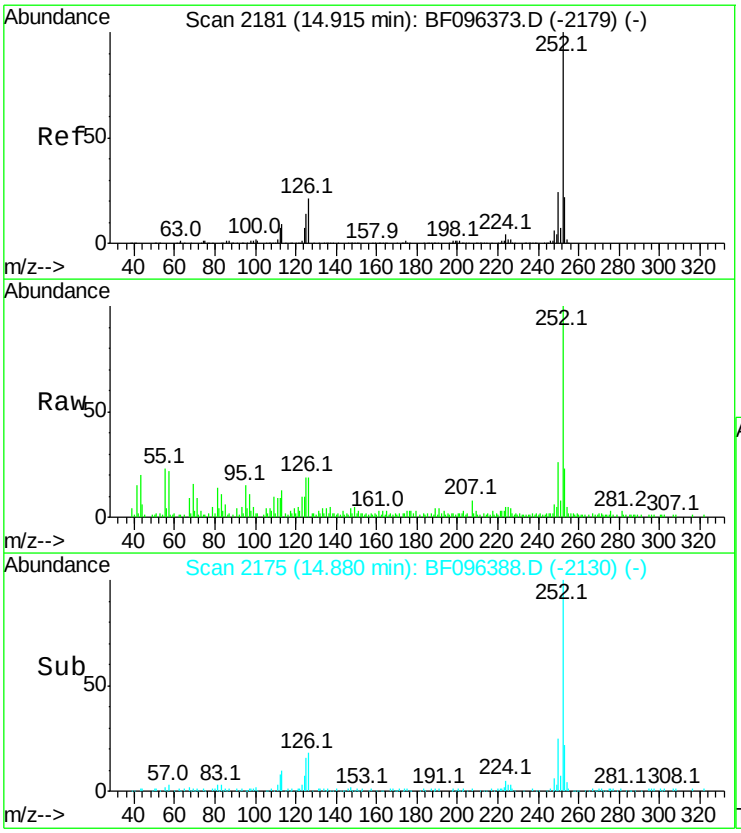
#87
Benzo(b)fluoranthene
Concen: 4.44 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73242

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	19.0	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 4.97 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion:252 Resp: 73242

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	19.0	13.1	19.7