Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096345.D
Acq On : 30 Jun 2017 19:23
Operator : SJ/MA
Sample : I3908-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 30 23:15:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	153405	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	623297	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	238798	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	339045	20.00	ng		-0.01
75) Chrysene-d12	13.90	240	296083	20.00	ng		-0.01
86) Perylene-d12	15.33	264	227056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	201085	18.88	ng		-0.02
7) Phenol-d6	6.38	99	247753	19.22	ng		-0.01
23) Nitrobenzene-d5	7.31	82	131585	14.61	ng		-0.05
41) 2,4,6-Tribromophenol	10.57	330	41681	22.18	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	232199	17.81	ng		-0.03
78) Terphenyl-d14	12.86	244	146619	12.36	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	943	Below Cal		#	84
19) n-Nitroso-di-n-propylamine	7.31	70	18183	2.35	ng	#	89
25) Isophorone	7.31	82	131449	6.43	ng	#	67
32) Benzoic acid	7.73	122	377	8.83	ng		87
50) 2,6-Dinitrotoluene	9.79	165	30459	8.57	ng	#	34
56) 2,4-Dinitrotoluene	9.79	165	30459	6.80	ng	#	33
57) Fluorene	10.34	166	1485	Below Cal		#	88
70) Phenanthrene	11.30	178	19646	Below Cal			97
74) Fluoranthene	12.48	202	51054	2.71	ng		95
77) Pyrene	12.71	202	53686	2.21	ng		98
82) Chrysene	13.93	228	38682	2.07	ng	#	88
87) Benzo(b)fluoranthene	14.92	252	76616	5.14	ng	#	30
88) Benzo(k)fluoranthene	14.92	252	76616	5.63	ng	#	32

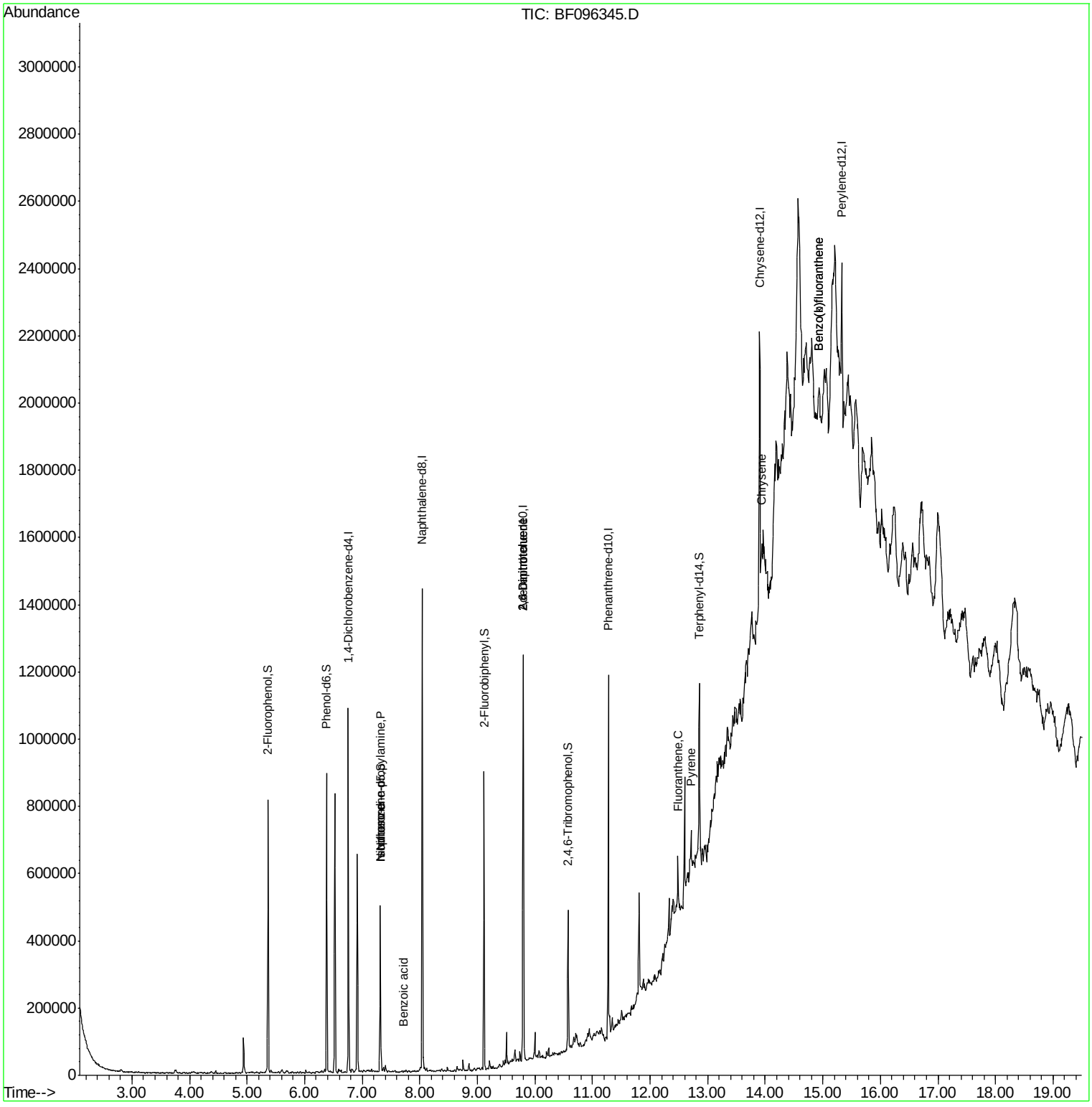
(#) = qualifier out of range (m) = manual integration (+) = signals summed

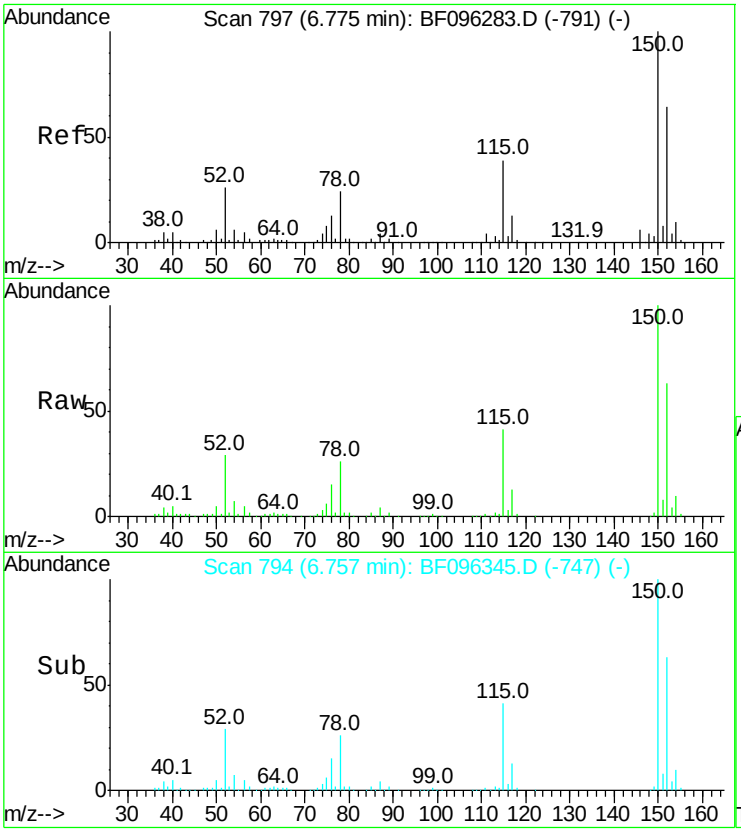
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096345.D
Acq On : 30 Jun 2017 19:23
Operator : SJ/MA
Sample : I3908-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 30 23:15:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration



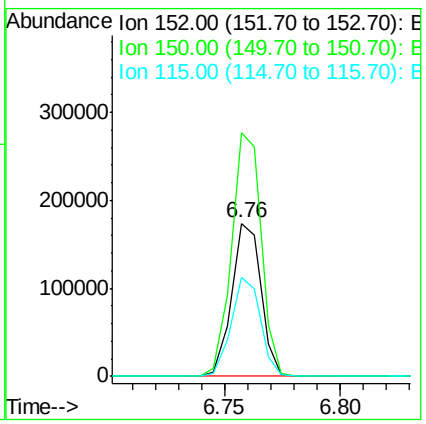


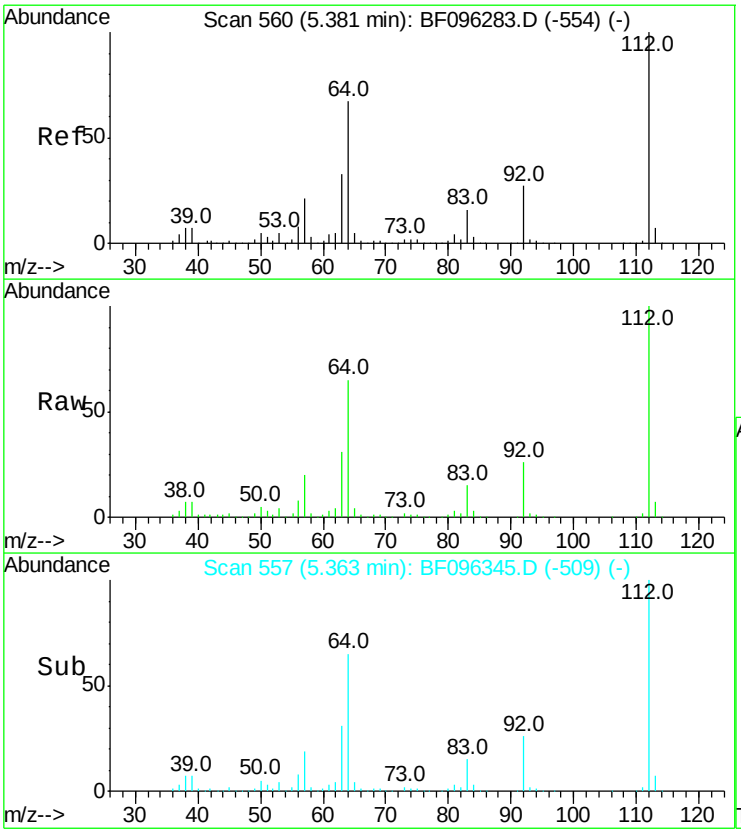
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153405

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	64.9	52.2	78.2

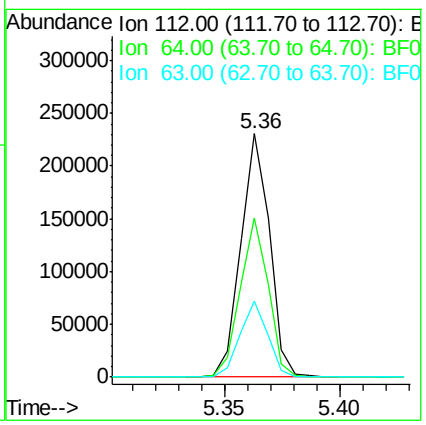


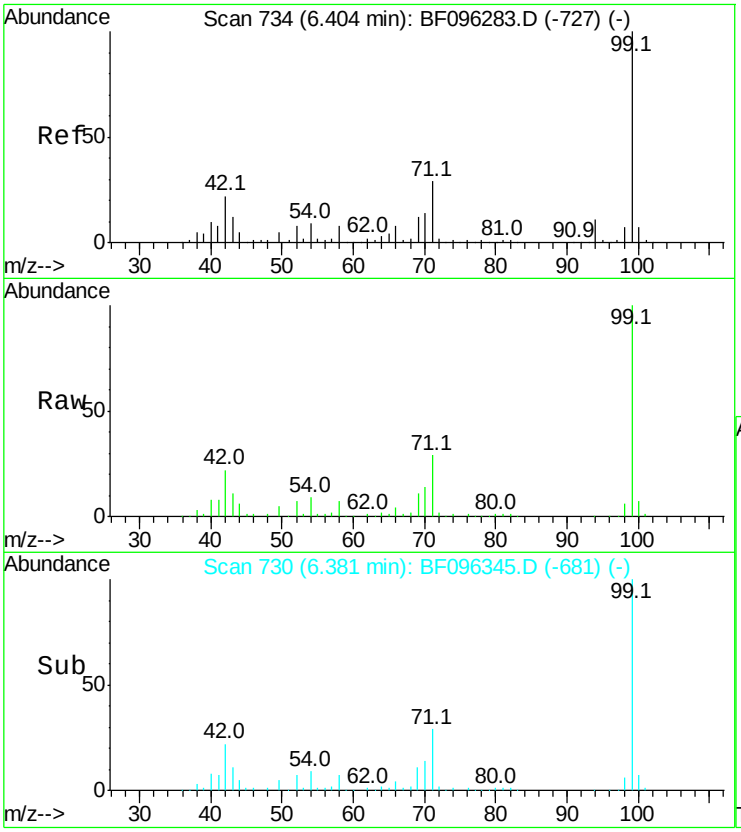


#5
2-Fluorophenol
Concen: 18.88 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:112 Resp: 201085

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	31.0	23.4	35.0



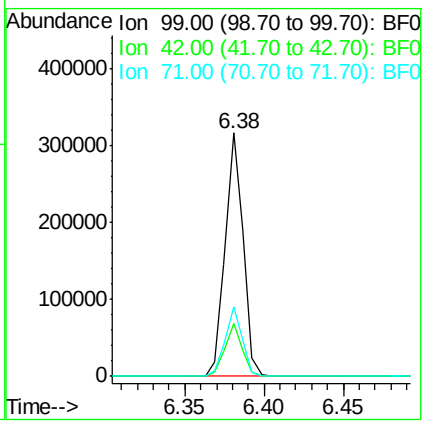


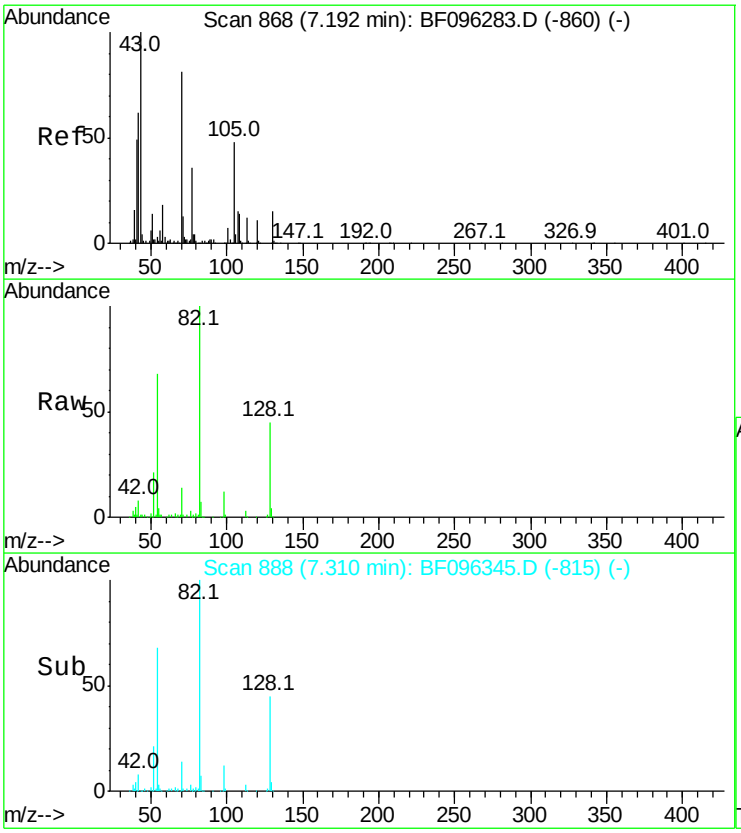
#7
Phenol-d6
Concen: 19.22 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 247753

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	28.6	24.5	36.7

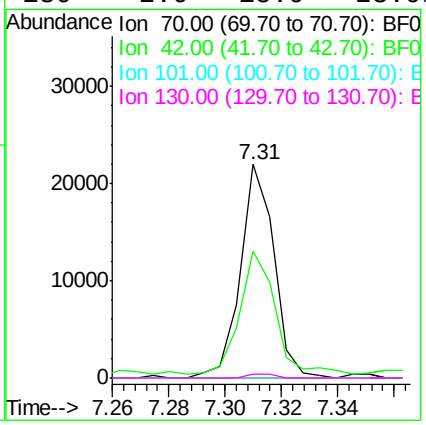


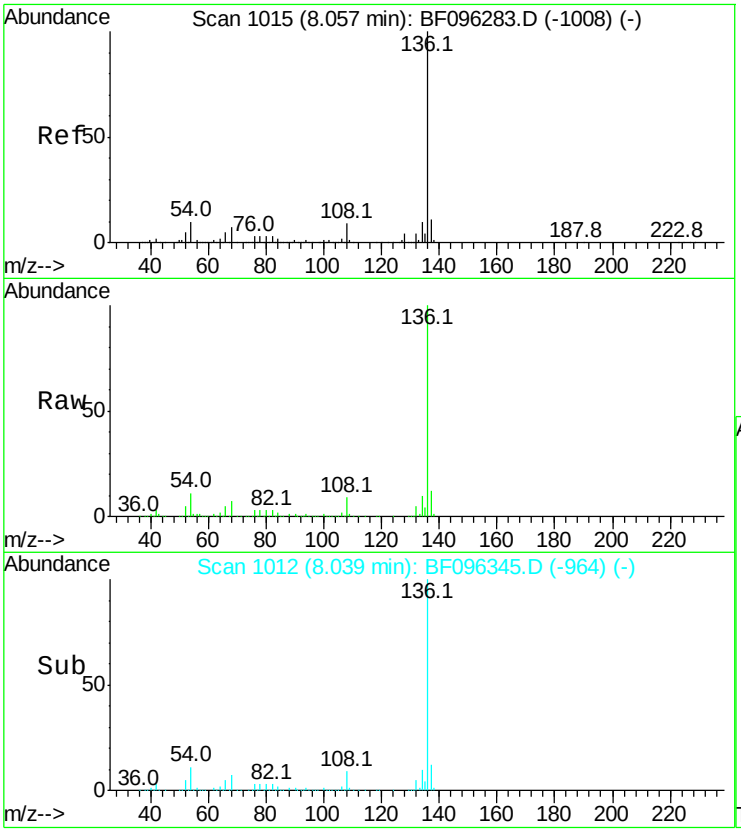


#19
n-Nitroso-di-n-propylamine
Concen: 2.35 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion: 70 Resp: 18183

Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



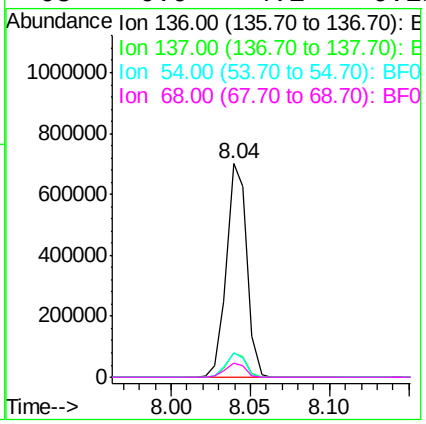


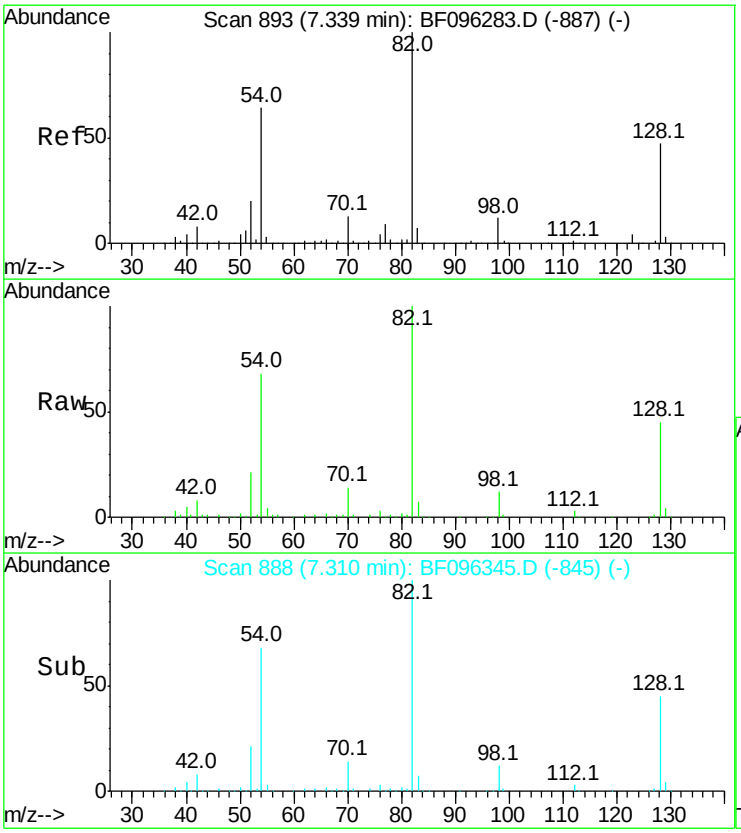
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 623297

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	11.1	4.9	7.3#
68	6.9	4.1	6.1#

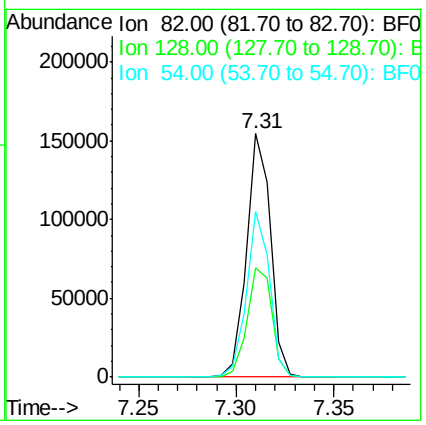


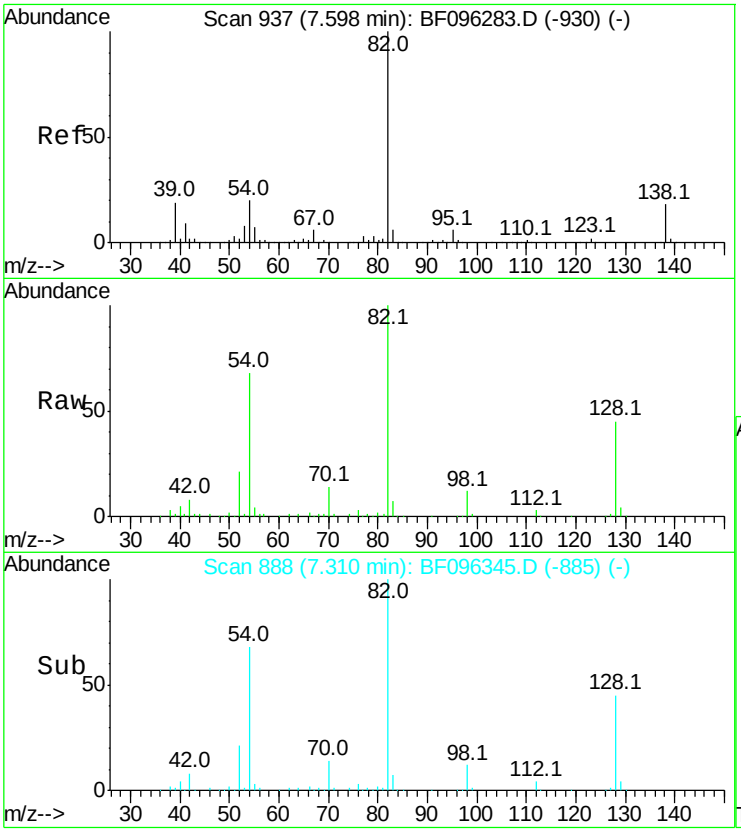


#23
Nitrobenzene-d5
Concen: 14.61 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.05 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion: 82 Resp: 131585

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	67.9	42.2	63.2#



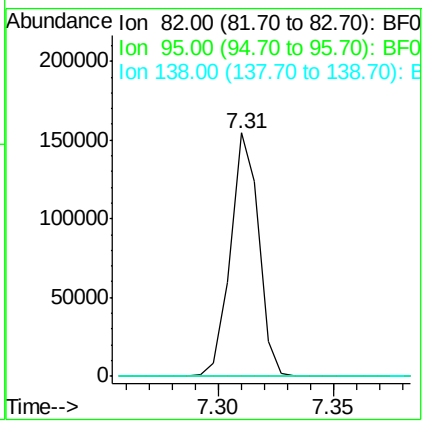


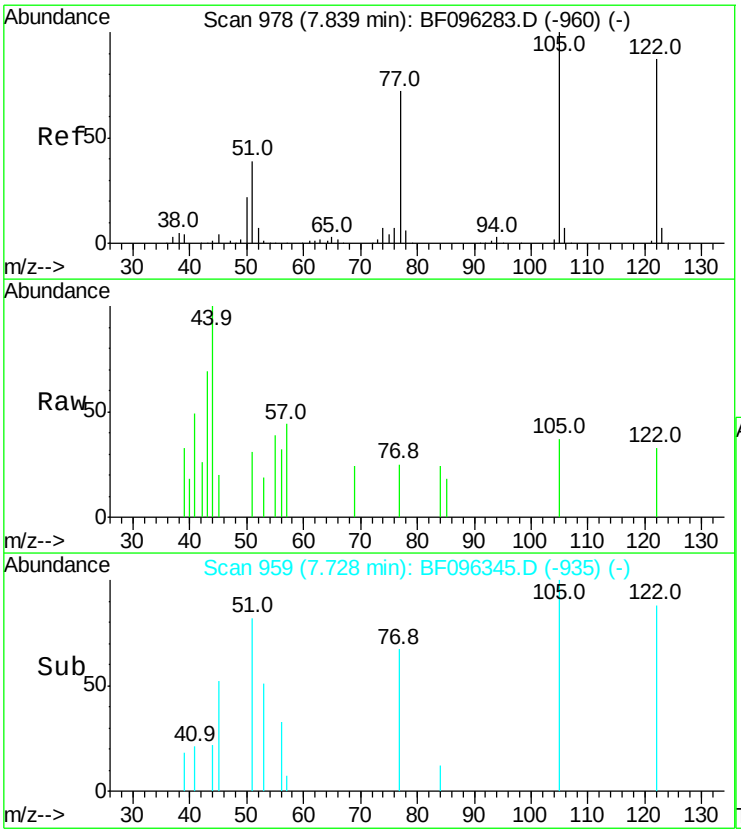
#25
Isophorone
Concen: 6.43 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 131449

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

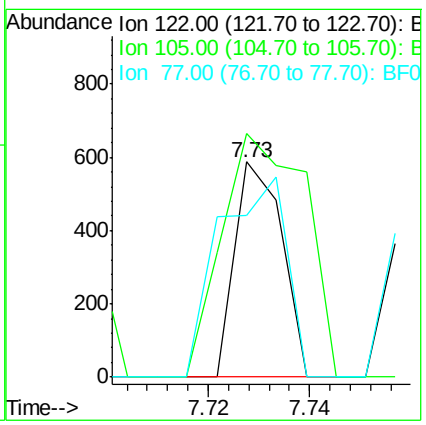


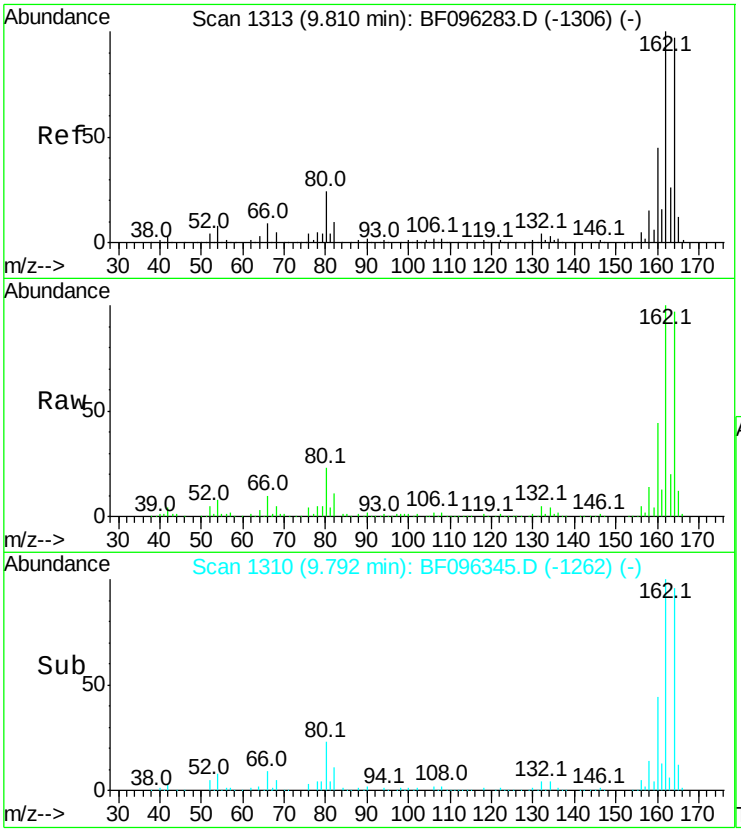


#32
Benzoic acid
Concen: 8.83 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.16 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:122 Resp: 377

Ion	Ratio	Lower	Upper
122	100		
105	113.3	103.3	143.3
77	75.5	73.7	113.7



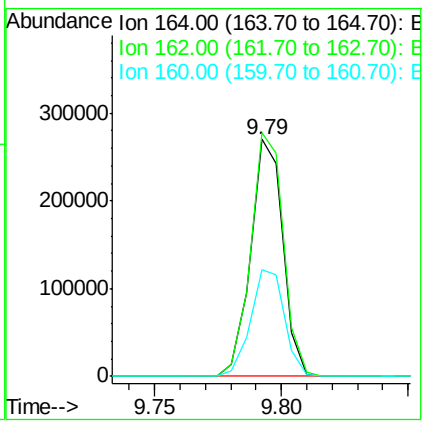


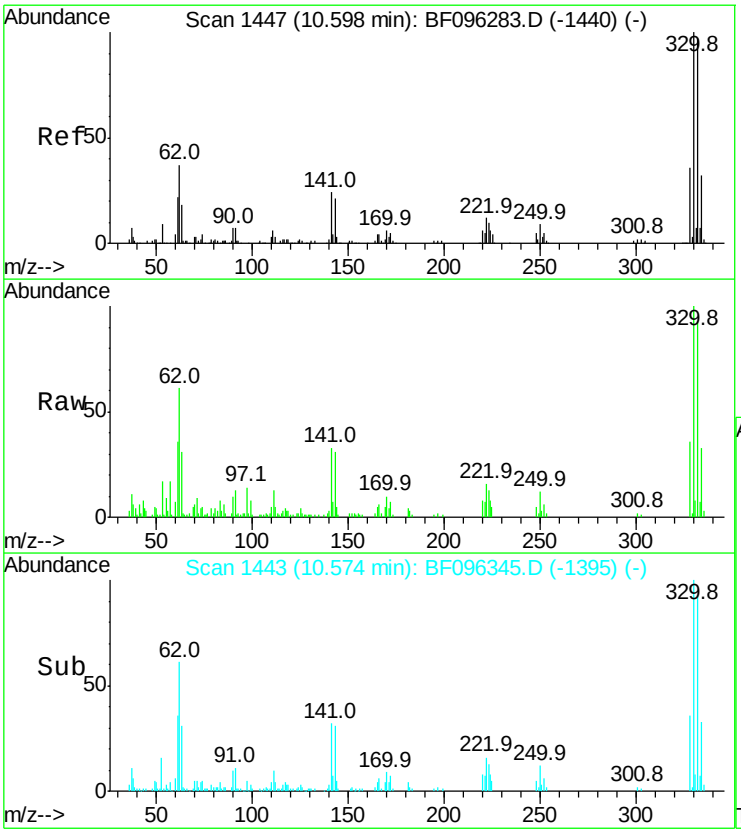
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 238798

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.2	36.2	54.2

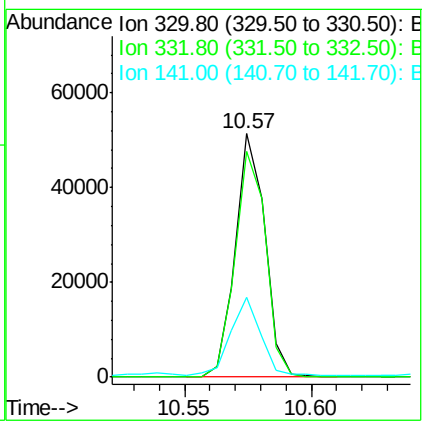


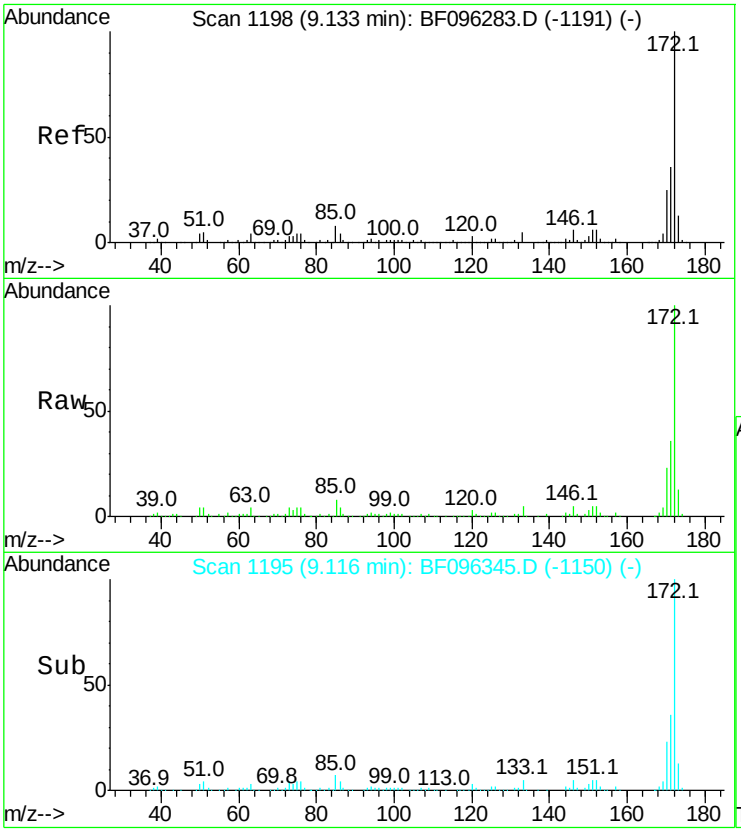


#41
2,4,6-Tribromophenol
Concen: 22.18 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:330 Resp: 41681

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	31.8	31.4	47.2



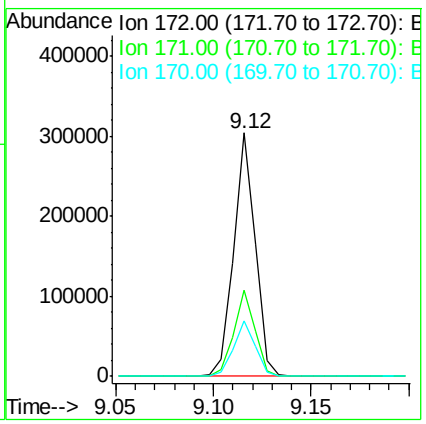


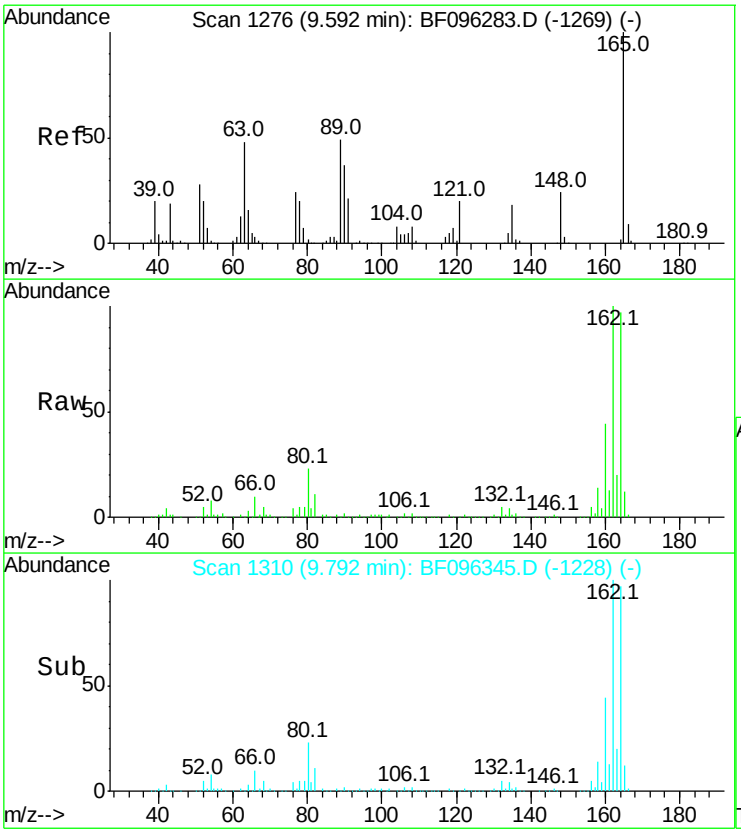
#44
2-Fluorobiphenyl
Concen: 17.81 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 232199

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.7	19.8	29.8

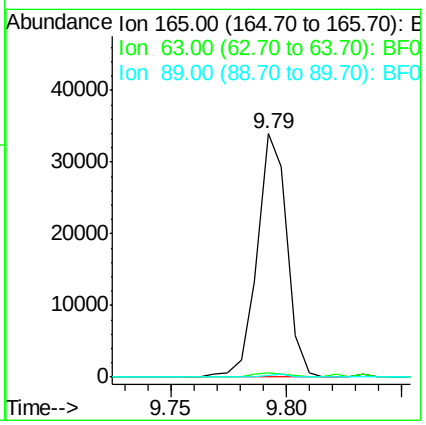


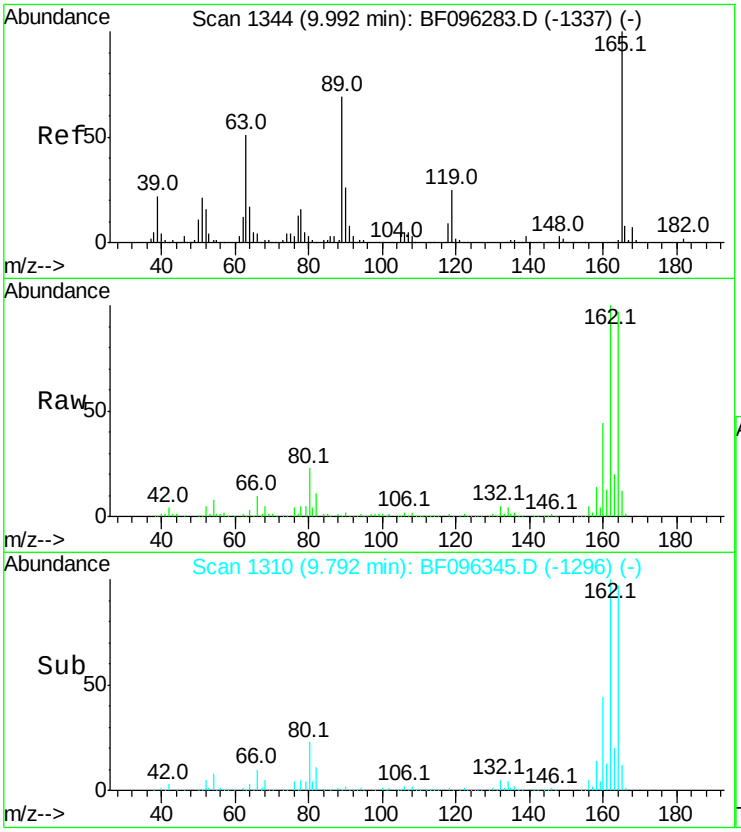


#50
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.18 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:165 Resp: 30459

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	0.9	37.1	55.7#



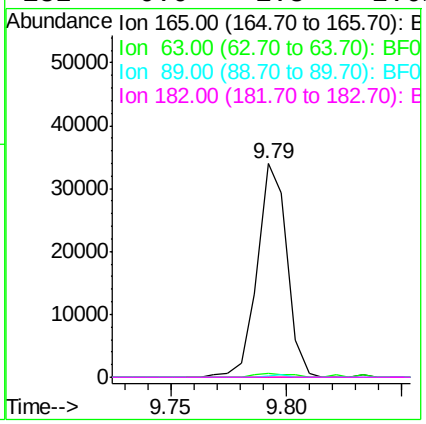


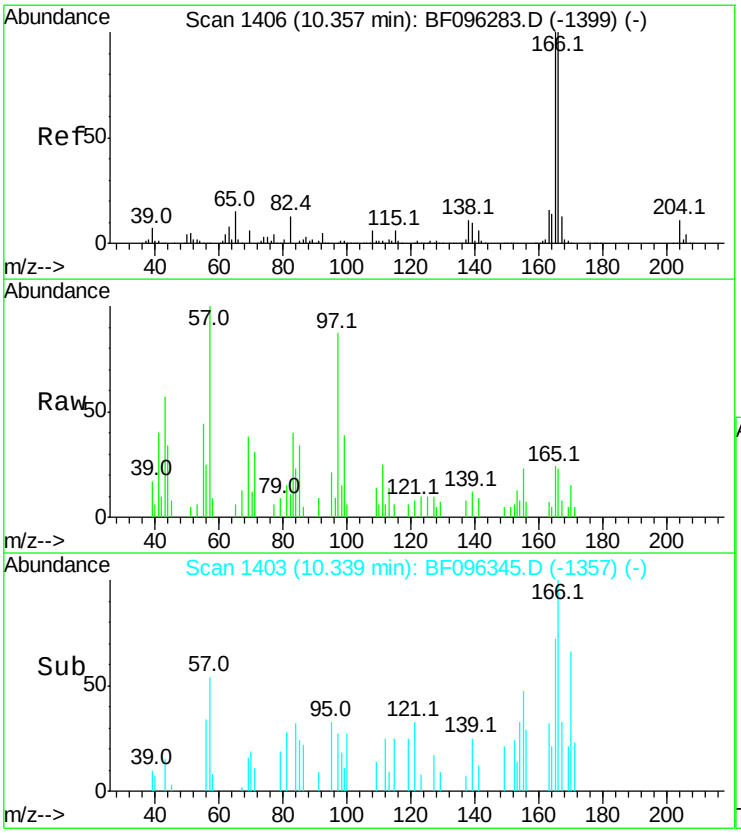
#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.22 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30459

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	0.9	46.4	69.6#
182	0.0	1.8	2.6#

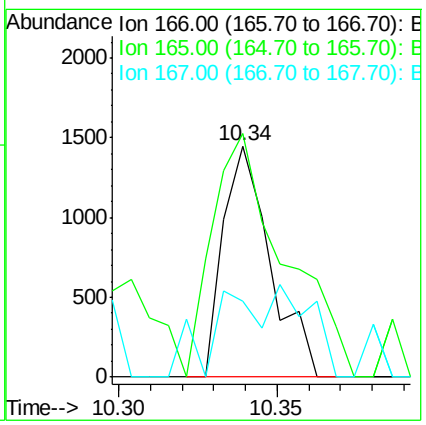


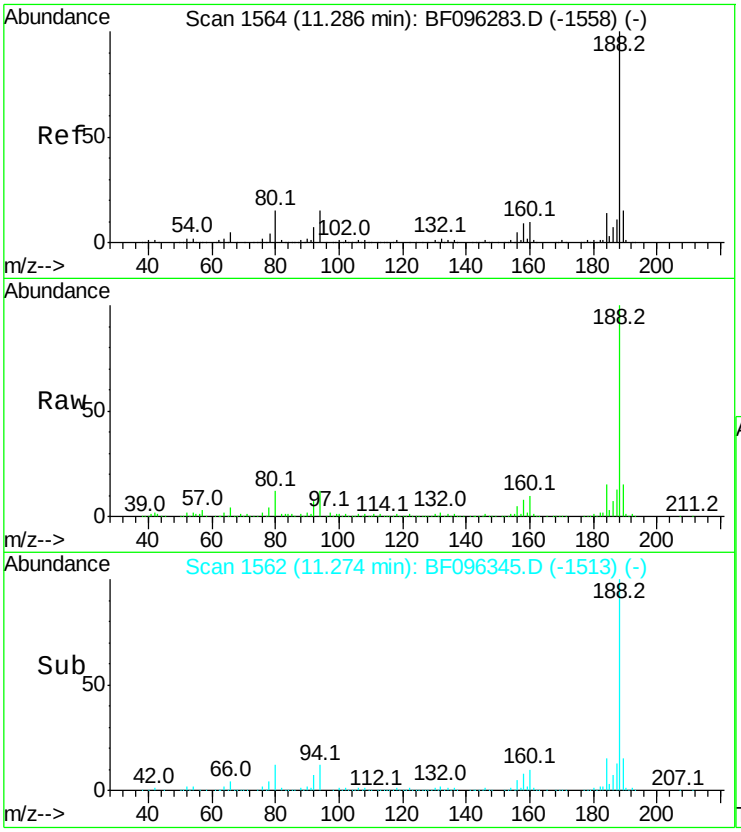


#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:166 Resp: 1485

Ion	Ratio	Lower	Upper
166	100		
165	105.5	78.8	118.2
167	32.9	10.6	16.0#



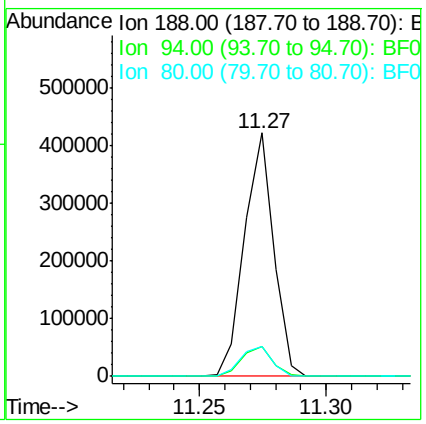


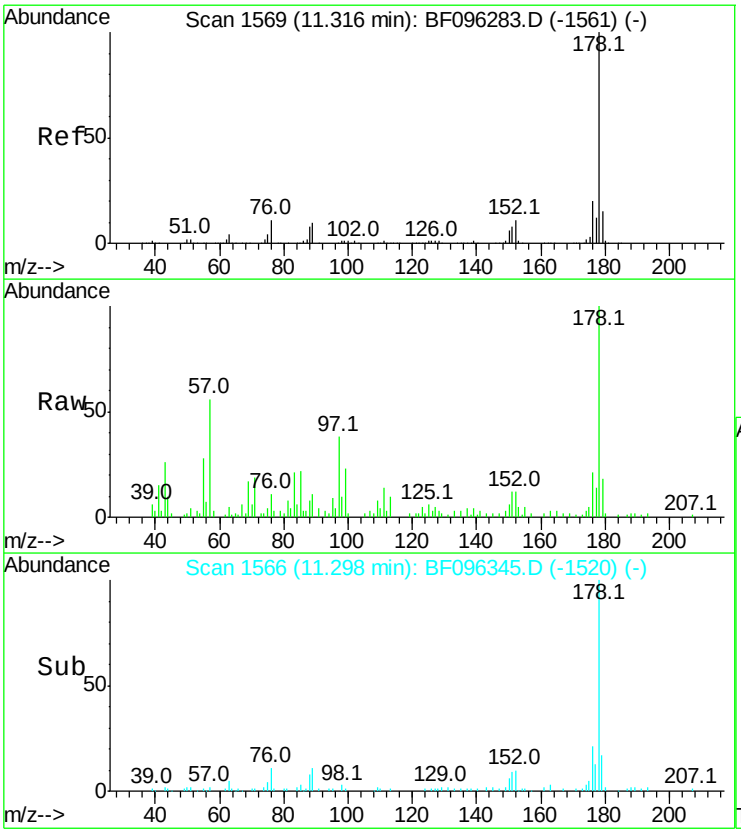
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 339045

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.5	10.2	15.2

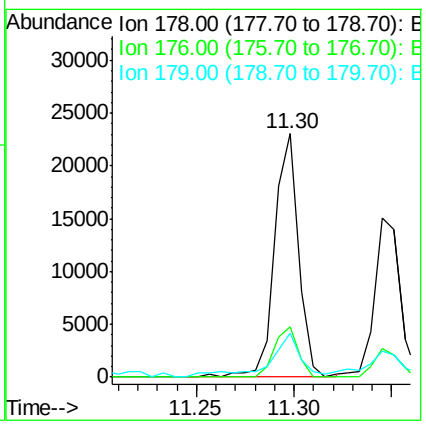


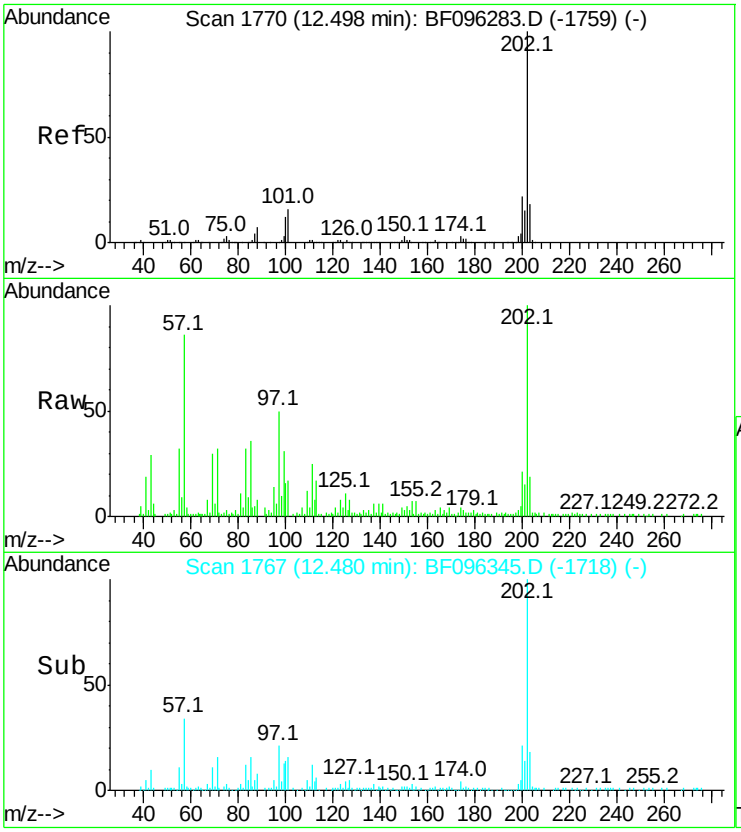


#70
Phenanthrene
Concen: Below Cal
RT: 11.30 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:178 Resp: 19646

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	18.2	12.6	19.0



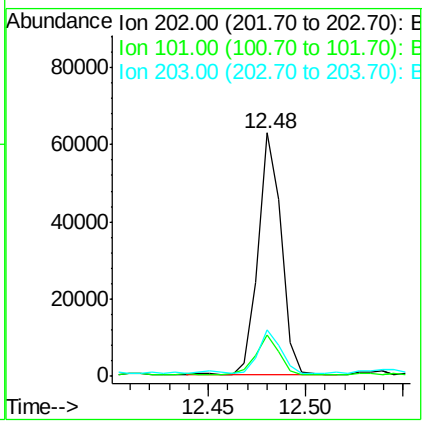


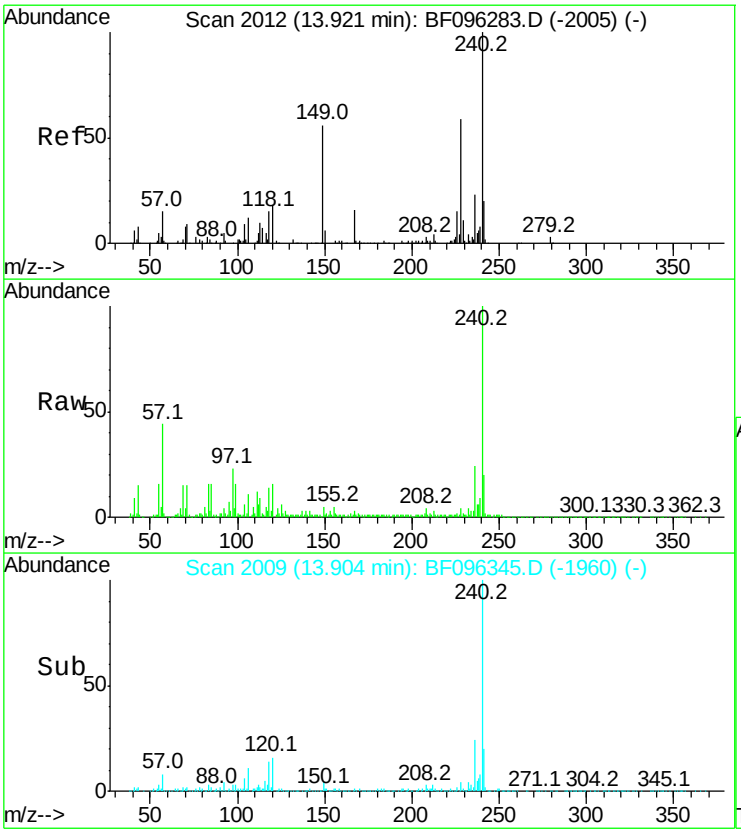
#74
Fluoranthene
Concen: 2.71 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 51054

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	33.2
203	19.1	0.0	38.1

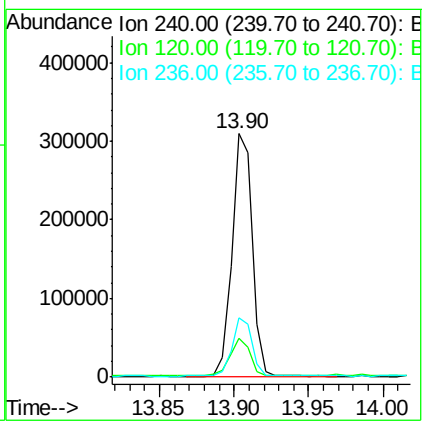


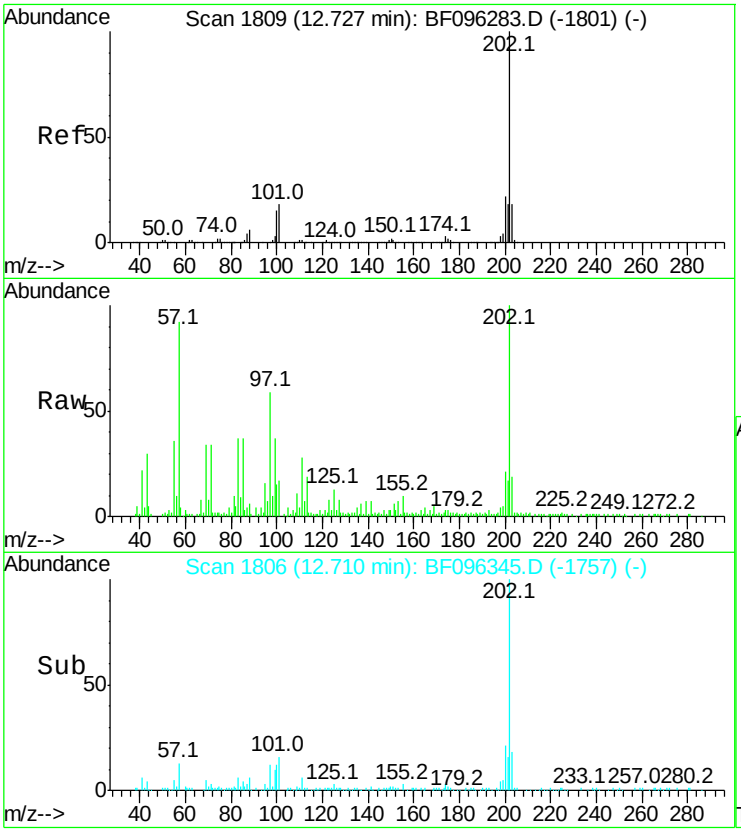


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:240 Resp: 296083

Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	24.5	20.5	30.7



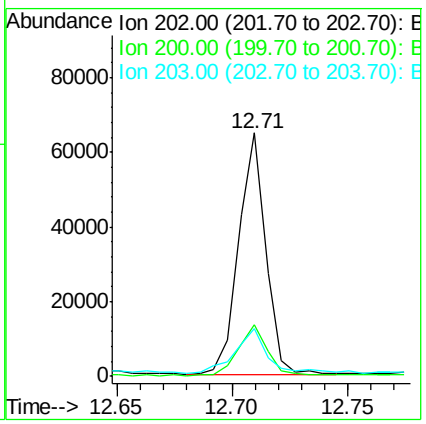


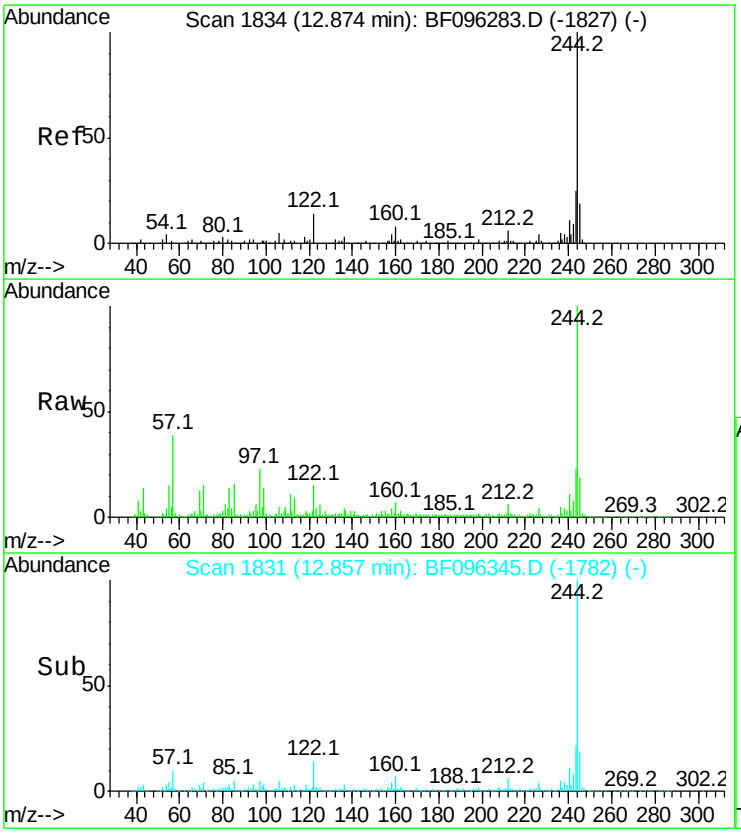
#77
Pyrene
Concen: 2.21 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 53686

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	19.4	14.4	21.6

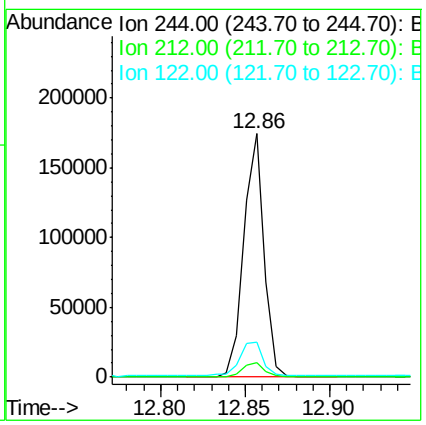


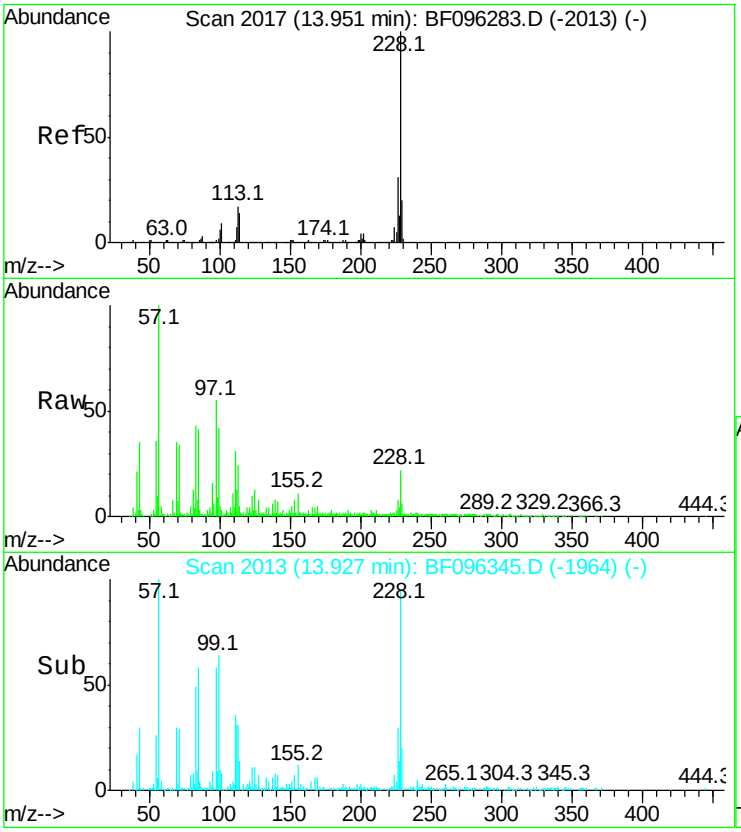


#78
Terphenyl-d14
Concen: 12.36 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:244 Resp: 146619

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



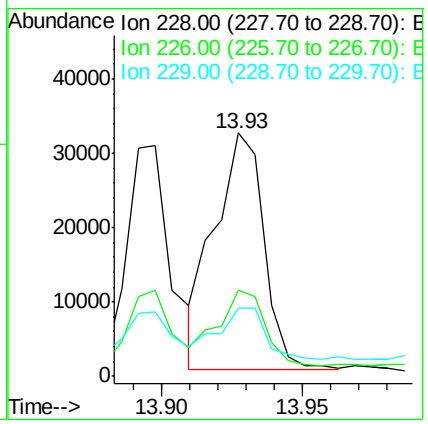


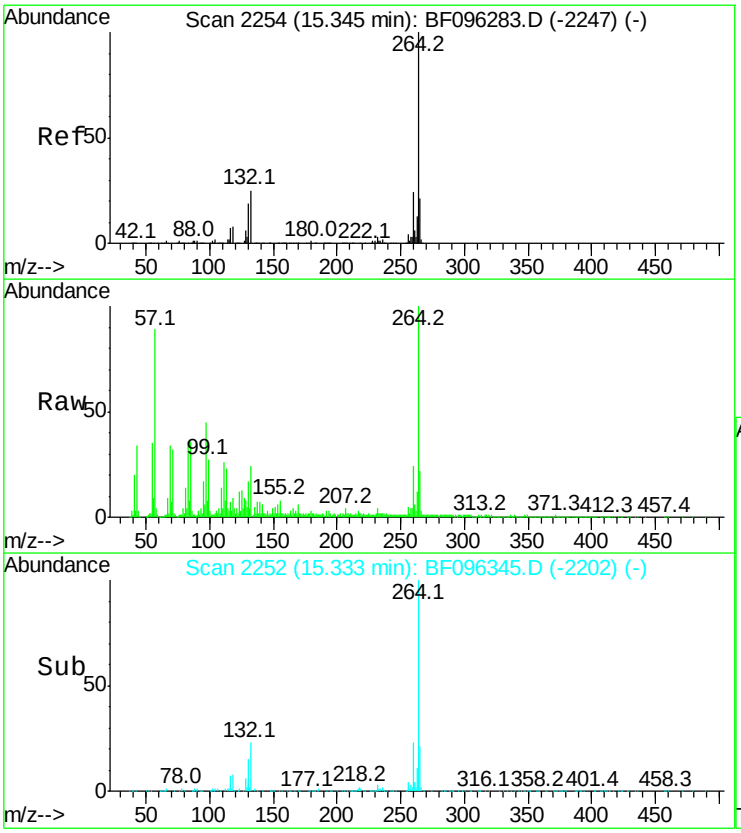
#82
Chrysene
Concen: 2.07 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38682

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.9	37.3
229	27.9	15.8	23.6#

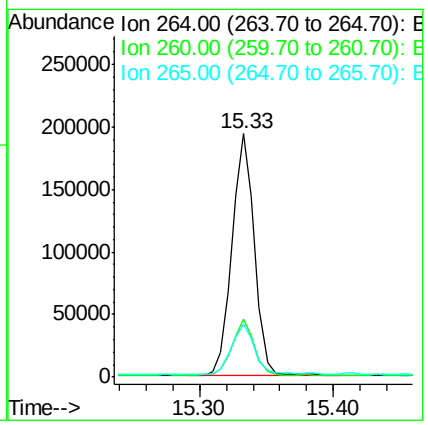


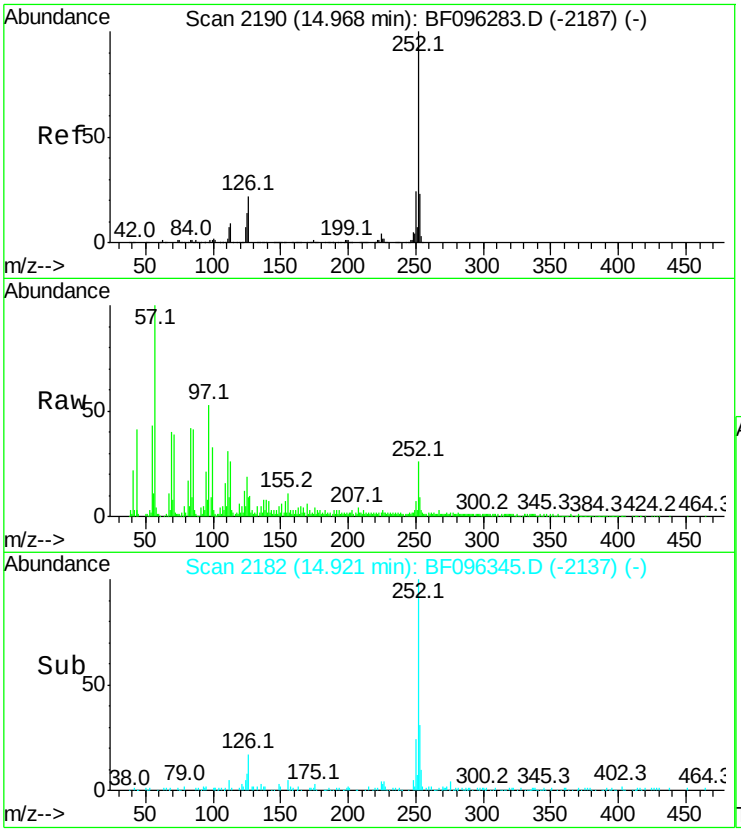


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:264 Resp: 227056

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.6	17.2	25.8



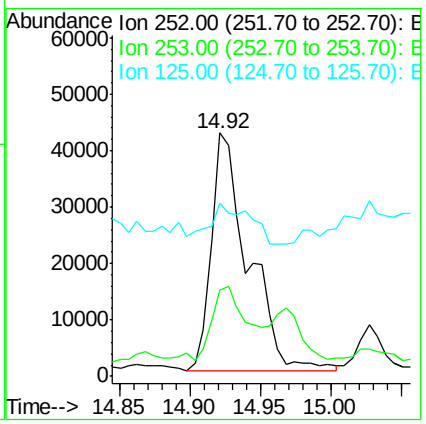


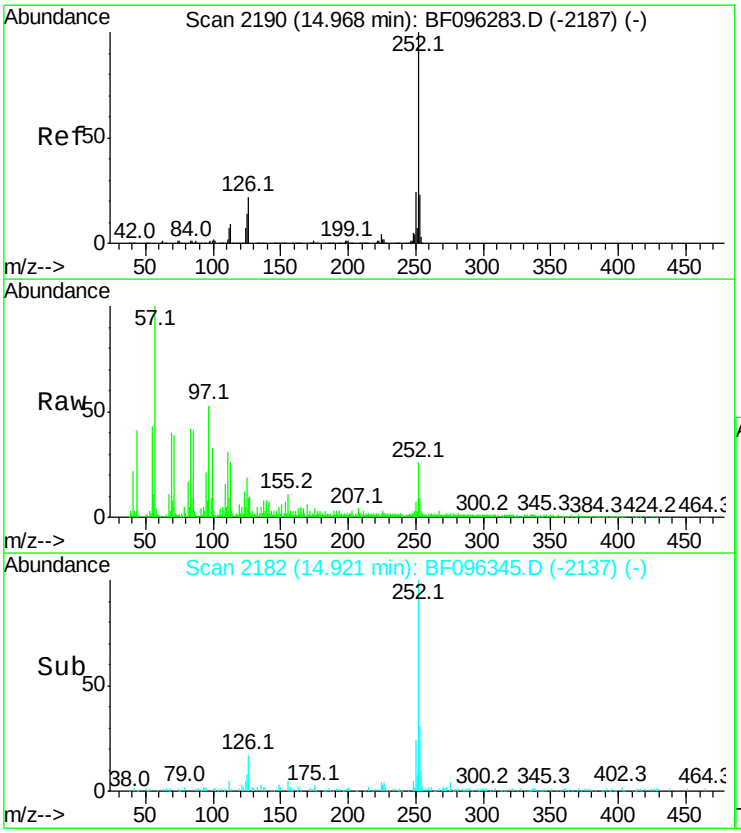
#87
Benzo(b)fluoranthene
Concen: 5.14 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 76616

Ion	Ratio	Lower	Upper
252	100		
253	35.5	18.1	27.1#
125	71.1	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 5.63 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096345.D
Acq: 30 Jun 2017 19:23

Tgt Ion:252 Resp: 76616

Ion	Ratio	Lower	Upper
252	100		
253	35.5	18.4	27.6#
125	71.1	13.1	19.7#