Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096326.D
Acq On : 30 Jun 2017 10:04
Operator : SJ/MA
Sample : I3951-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCT-BANK

Quant Time: Jun 30 17:40:49 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	6.77	152	137711	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	570033	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	239053	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	399714	20.00	ng		0.00
75) Chrysene-d12	13.92	240	275573	20.00	ng		0.00
86) Perylene-d12	15.34	264	263172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1100731	115.16	ng		0.00
7) Phenol-d6	6.40	99	1368379	118.22	ng		0.01
23) Nitrobenzene-d5	7.33	82	786302	95.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.59	330	291191	154.78	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1177722	90.22	ng		-0.02
78) Terphenyl-d14	12.87	244	859626	77.84	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.31	77	4891	Below Cal		#	64
10) Phenol	6.42	94	30928	2.431	ng		87
19) n-Nitroso-di-n-propylamine	7.33	70	105202	15.172	ng	#	87
25) Isophorone	7.33	82	783663	41.905	ng	#	67
27) 2,4-Dimethylphenol	7.77	122	42016	4.972	ng	#	6
31) Naphthalene	8.07	128	356814	12.987	ng		99
32) Benzoic acid	7.77	122	42016	14.527	ng		90
33) 4-Chloroaniline	8.07	127	45973	4.042	ng	#	32
37) 2-Methylnaphthalene	8.76	142	88885	4.980	ng		98
49) Dimethylphthalate	9.52	163	291113	17.016	ng		99
53) 2,4-Dinitrophenol	10.10	184	382	7.874	ng	#	4
54) Dibenzofuran	10.01	168	52327	2.697	ng	#	94
57) Fluorene	10.35	166	4449	Below Cal		#	62
60) 4-Chlorophenyl-phenylether	10.17	204	128	Below Cal		#	21
64) 4,6-Dinitro-2-methylphenol	10.59	198	402	8.907	ng	#	1
66) 4-Bromophenyl-phenylether	10.59	248	15120	3.676	ng	#	1
70) Phenanthrene	11.31	178	120601	Below Cal			97
74) Fluoranthene	12.49	202	113089	5.093	ng		96
77) Pyrene	12.72	202	104330	4.607	ng		96
80) Benzo(a)anthracene	13.91	228	46473	2.767	ng		97
82) Chrysene	13.94	228	57043	3.283	ng		96
85) Indeno(1,2,3-cd)pyrene	16.73	276	40123	2.782	ng		100
87) Benzo(b)fluoranthene	14.93	252	104076	6.020	ng	#	85
88) Benzo(k)fluoranthene	14.93	252	104076	6.594	ng	#	88
89) Benzo(a)pyrene	15.28	252	45460	2.977	ng	#	73
91) Benzo(g,h,i)perylene	17.15	276	47347	3.810	ng		97

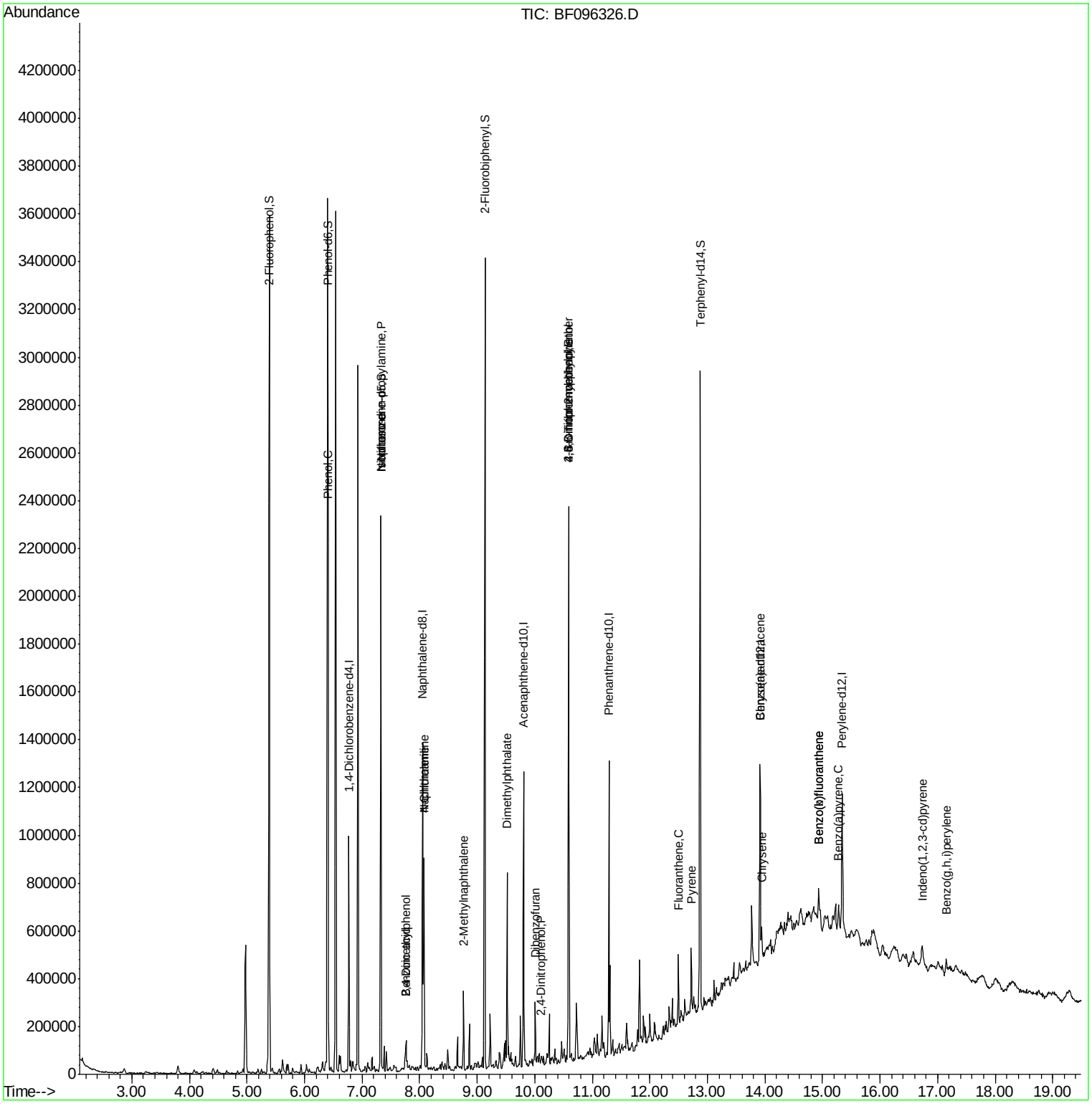
(#) = qualifier out of range (m) = manual integration (+) = signals summed

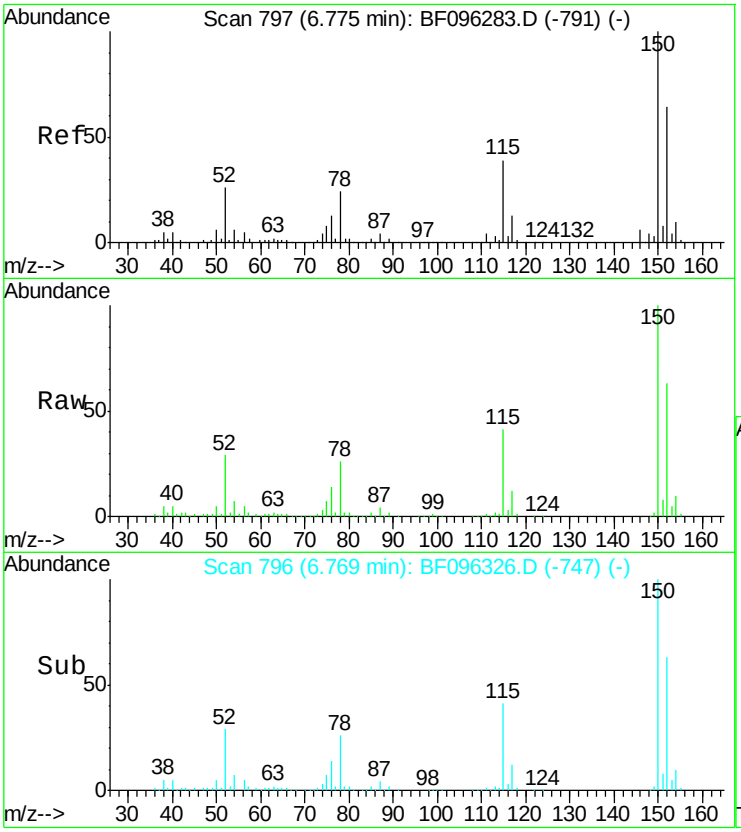
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096326.D
Acq On : 30 Jun 2017 10:04
Operator : SJ/MA
Sample : I3951-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCT-BANK

Quant Time: Jun 30 17:40:49 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



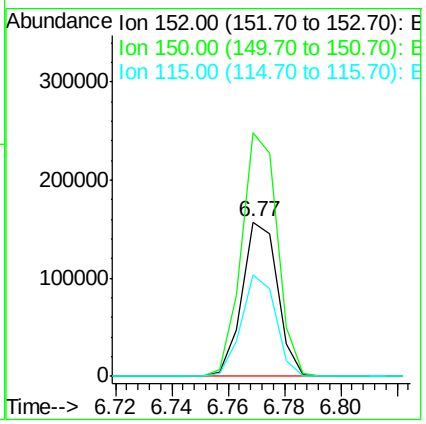


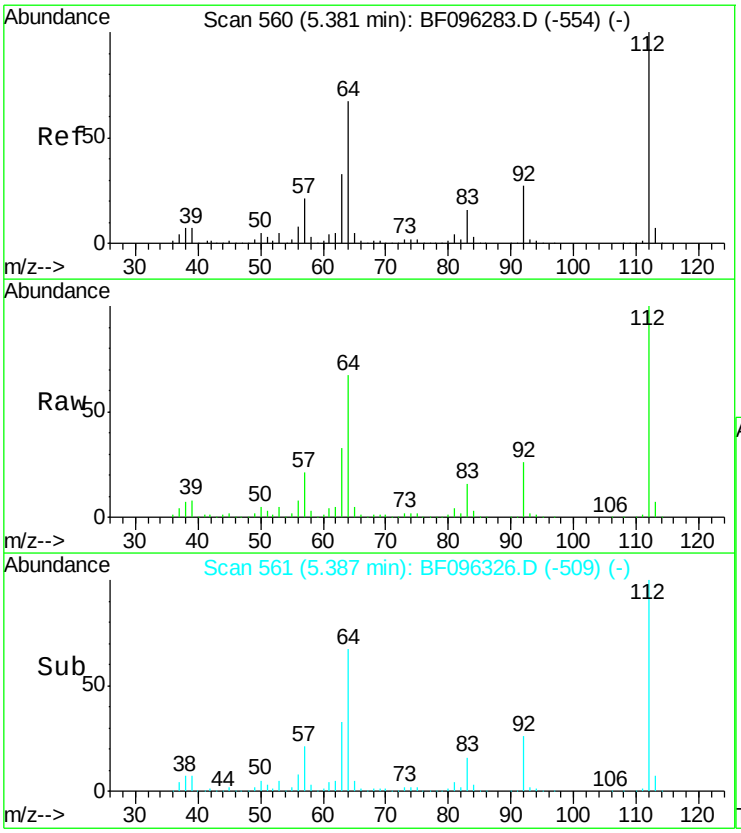
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:152 Resp: 137711

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	65.5	52.2	78.2

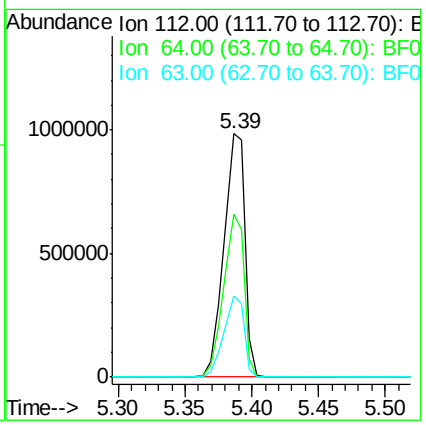


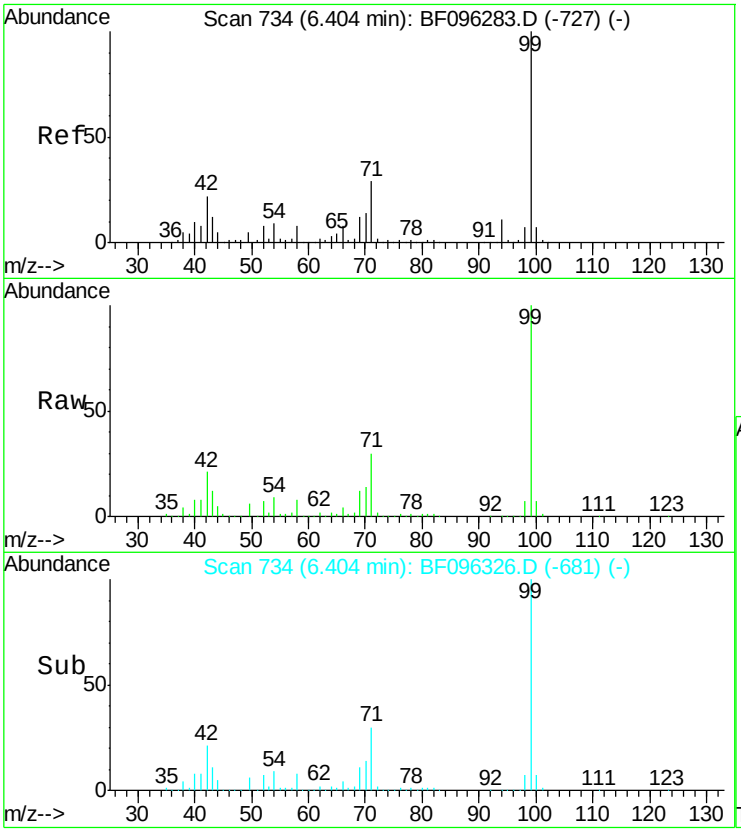


#5
2-Fluorophenol
Concen: 115.155 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:112 Resp: 1100731

Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.0	69.0
63	33.3	23.4	35.0



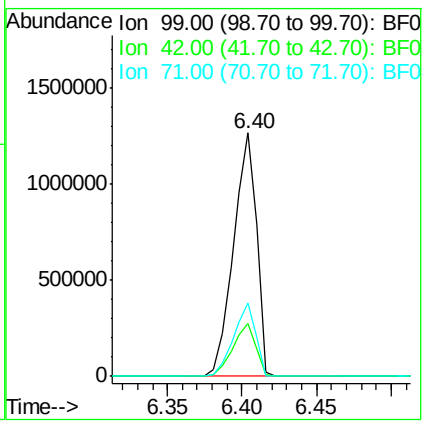


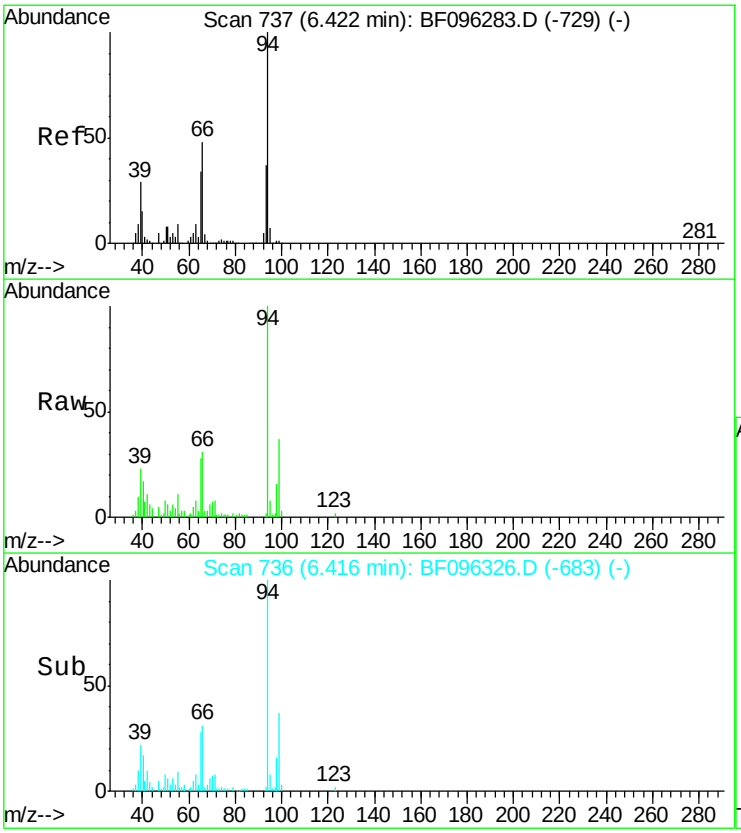
#7
Phenol-d6
Concen: 118.224 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion: 99 Resp: 1368379

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	30.1	24.5	36.7

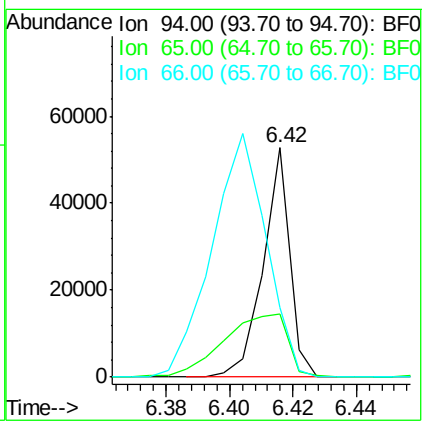


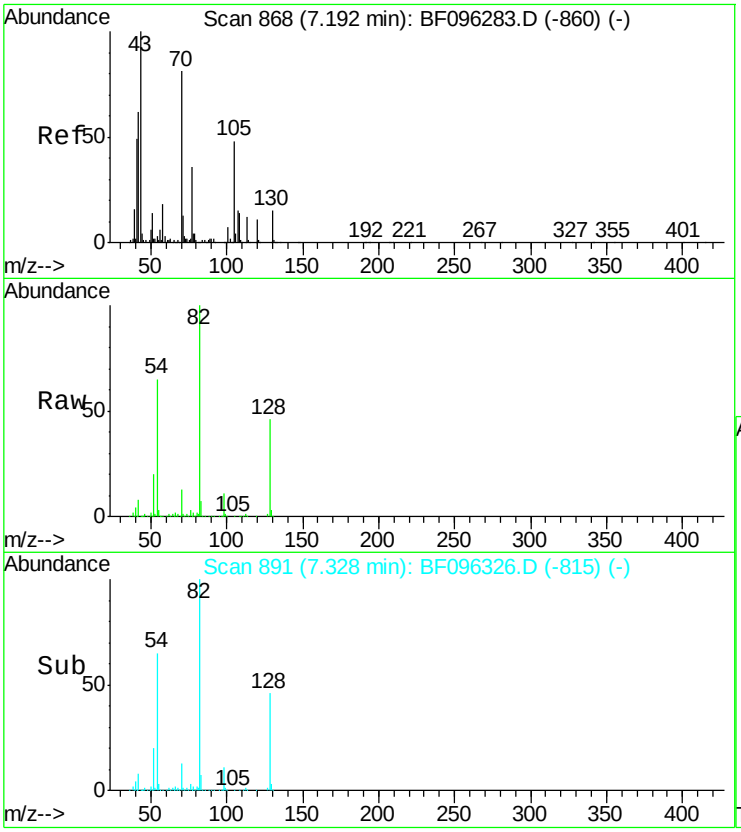


#10
Phenol
Concen: 2.431 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion: 94 Resp: 30928

Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.9	49.9
66	30.5	23.1	63.1



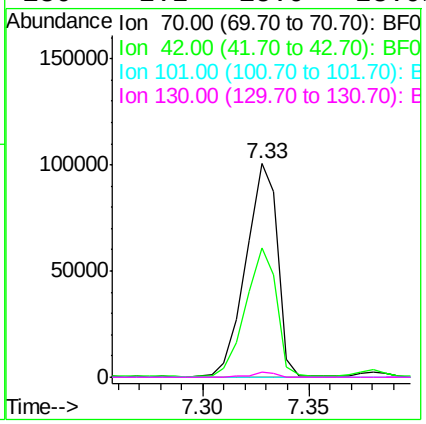


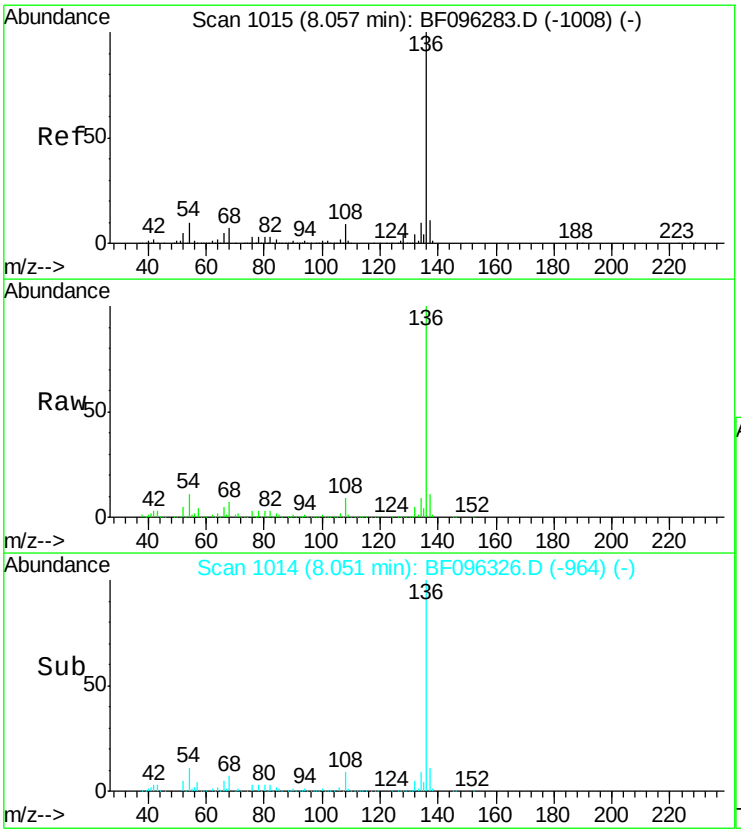
#19
n-Nitroso-di-n-propylamine
Concen: 15.172 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion: 70 Resp: 105202

Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

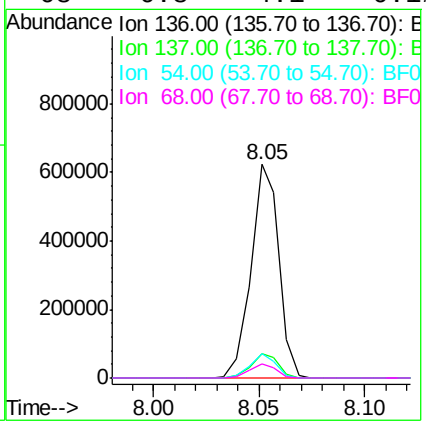


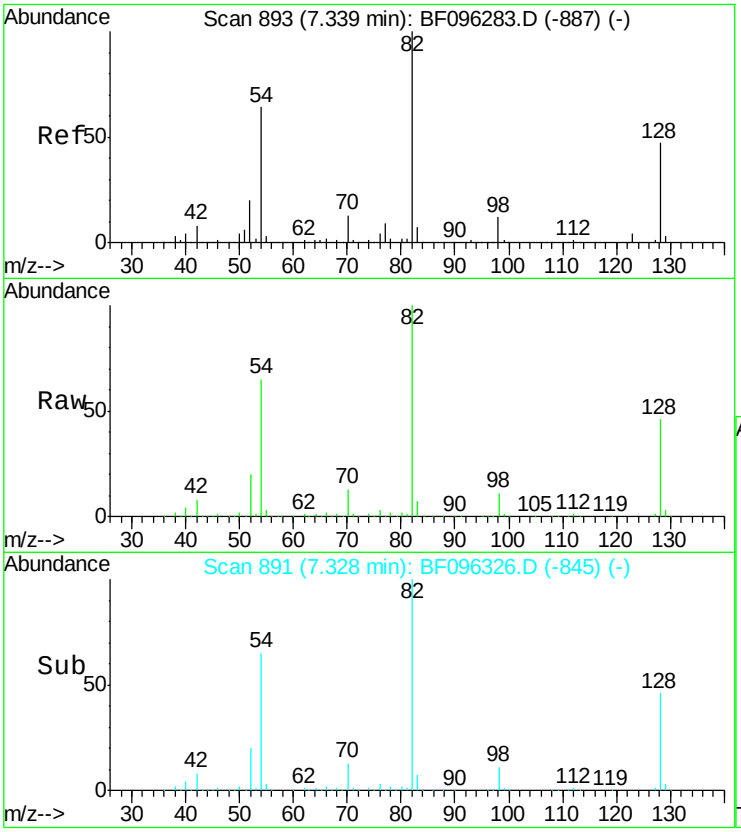


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:136 Resp: 570033

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.2	4.9	7.3#
68	6.8	4.1	6.1#



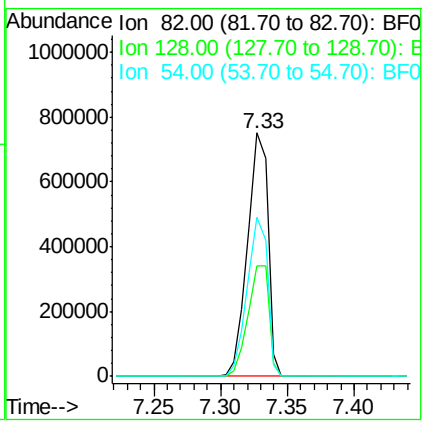


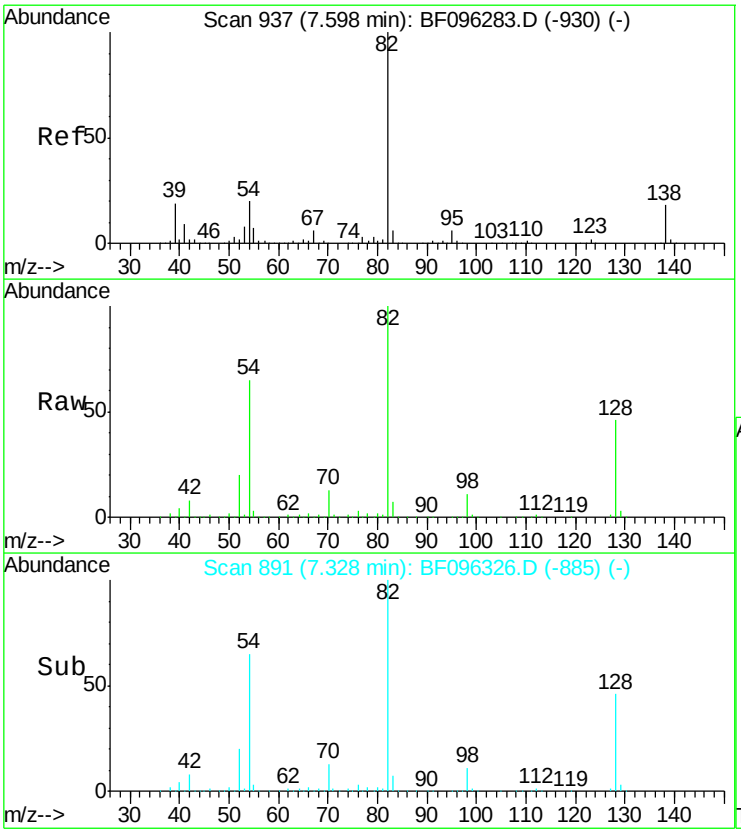
#23
Nitrobenzene-d5
Concen: 95.489 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion: 82 Resp: 786302

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	65.3	42.2	63.2#

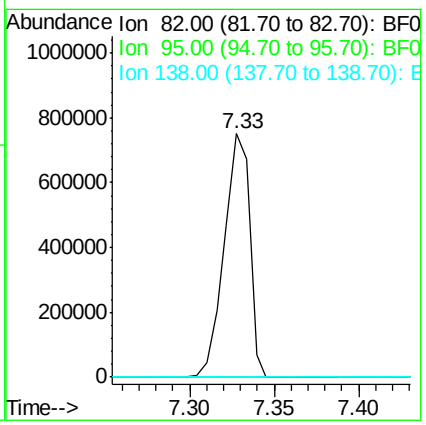


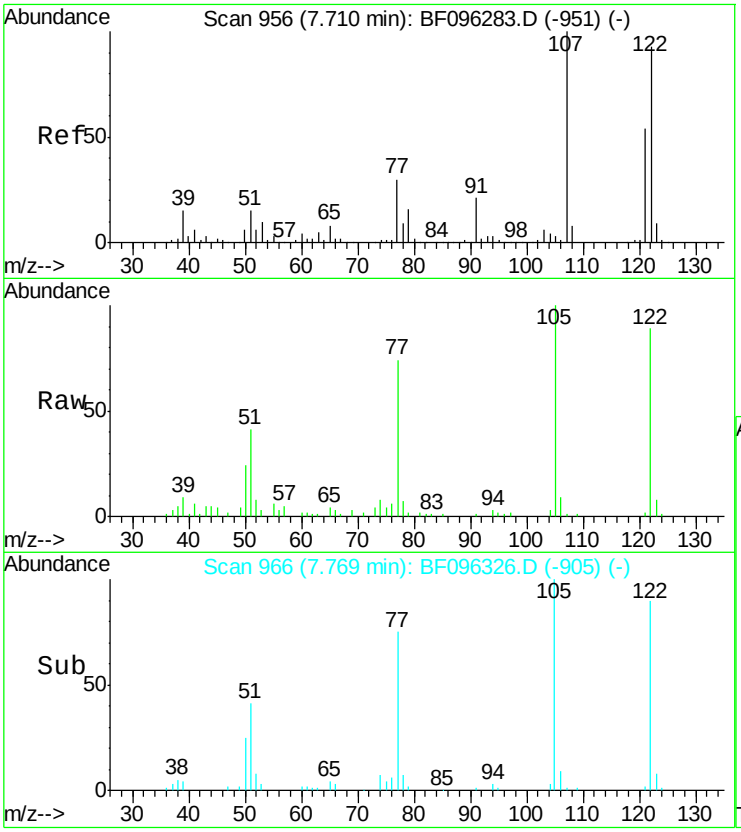


#25
Isophorone
Concen: 41.905 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion: 82 Resp: 783663

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



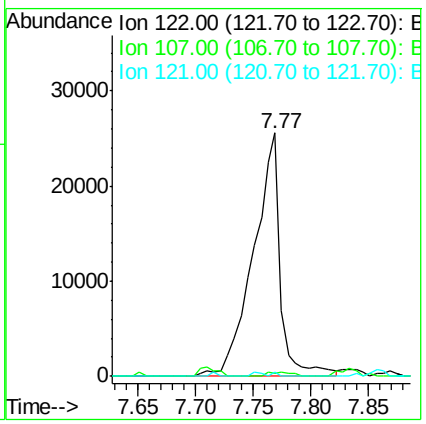


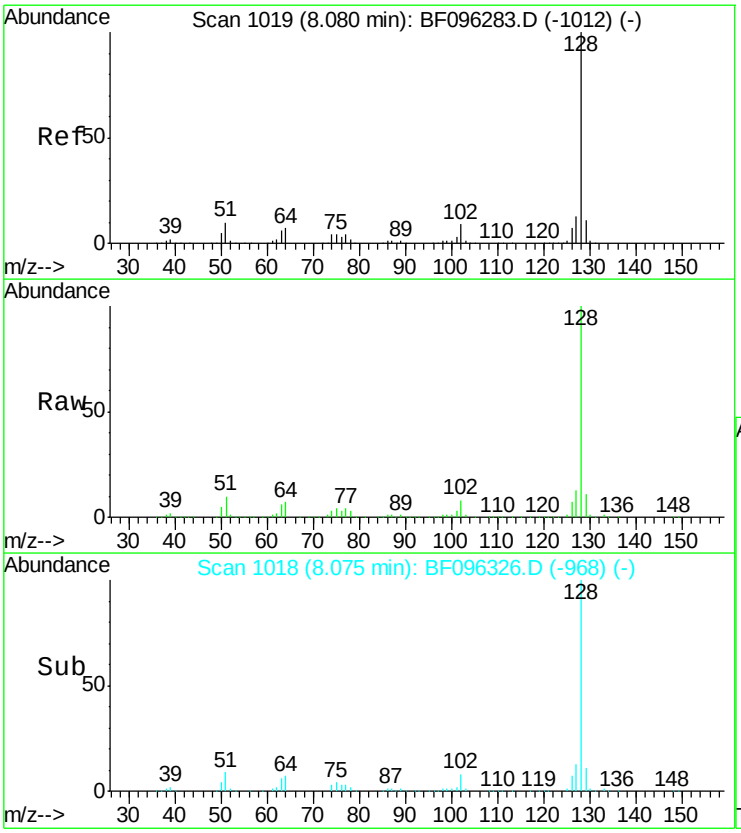
#27
2,4-Dimethylphenol
Concen: 4.972 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.06 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:122 Resp: 42016

Ion	Ratio	Lower	Upper
122	100		
107	1.2	89.2	133.8#
121	1.8	45.2	67.8#

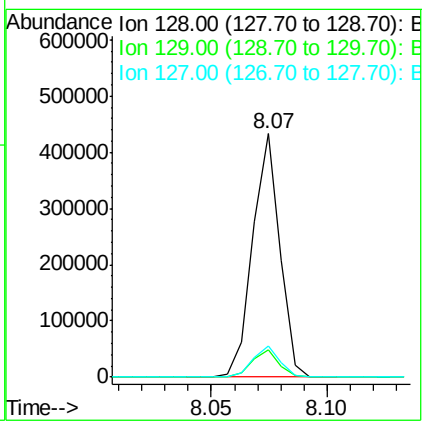


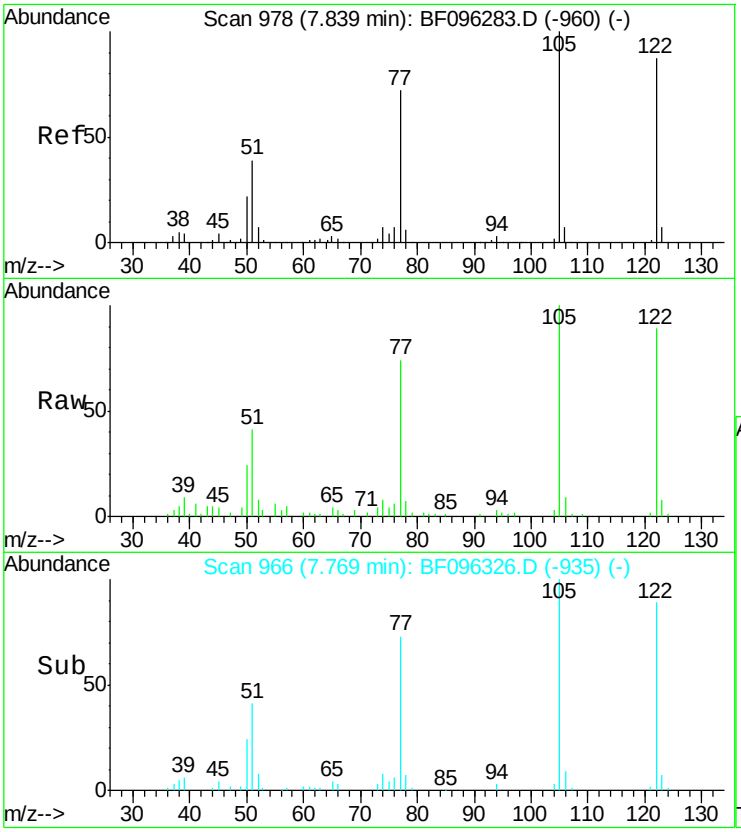


#31
Naphthalene
Concen: 12.987 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:128 Resp: 356814

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.0	10.8	16.2



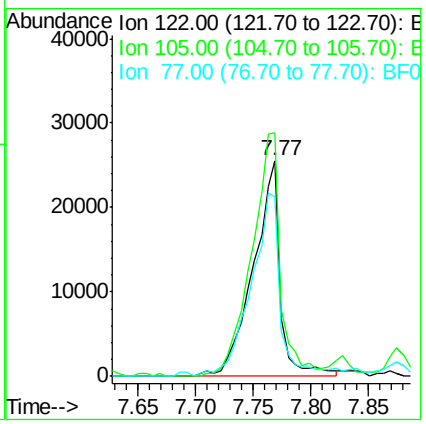


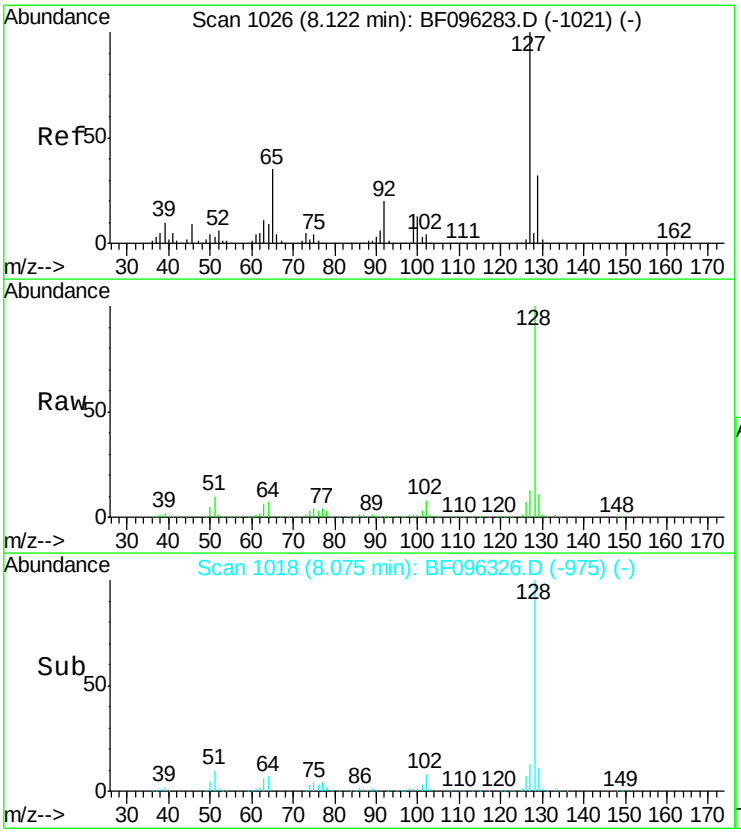
#32
Benzoic acid
Concen: 14.527 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.12 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:122 Resp: 42016

Ion	Ratio	Lower	Upper
122	100		
105	112.7	103.3	143.3
77	83.3	73.7	113.7

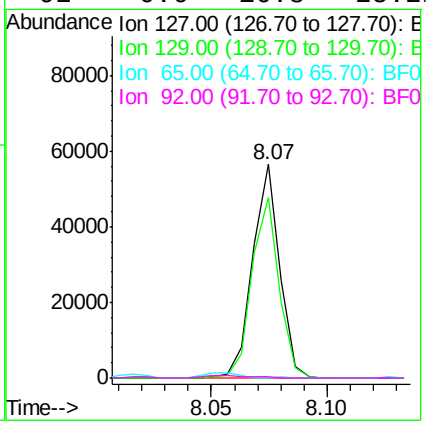


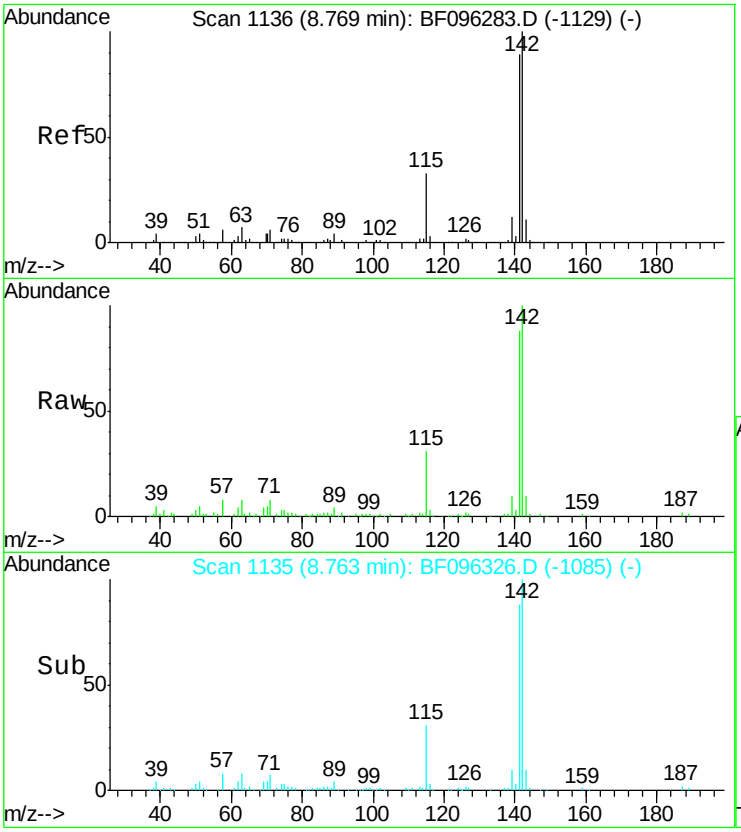


#33
4-Chloroaniline
Concen: 4.042 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.05 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:127 Resp: 45973

Ion	Ratio	Lower	Upper
127	100		
129	84.6	26.2	39.2#
65	0.0	27.8	41.8#
92	0.6	16.8	25.2#



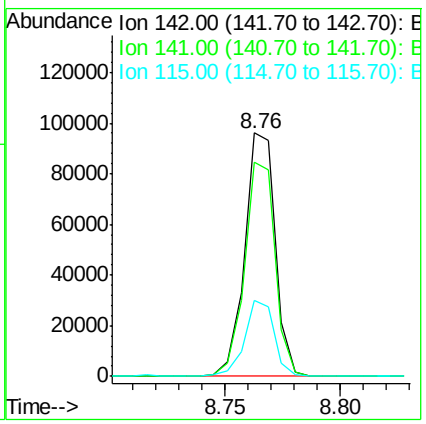


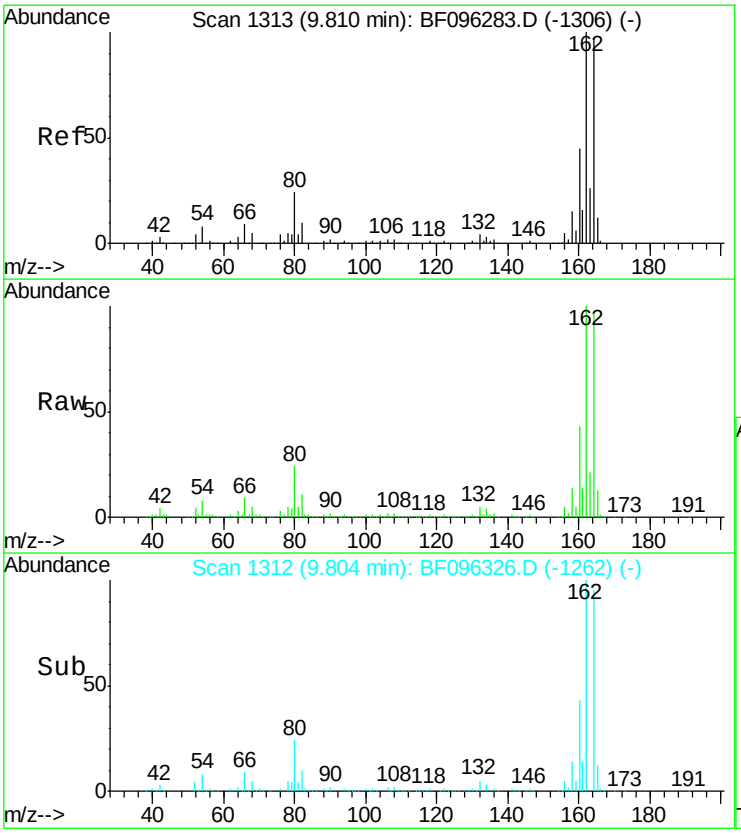
#37
2-Methylnaphthalene
Concen: 4.980 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:142 Resp: 88885

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9
115	31.1	27.1	40.7

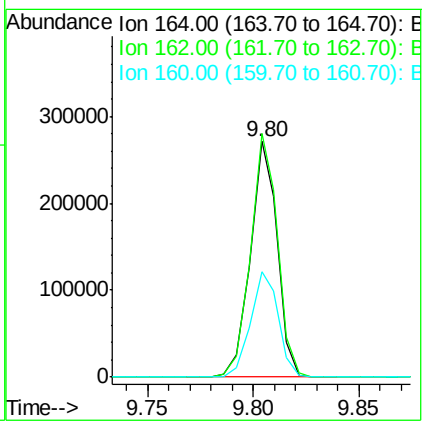


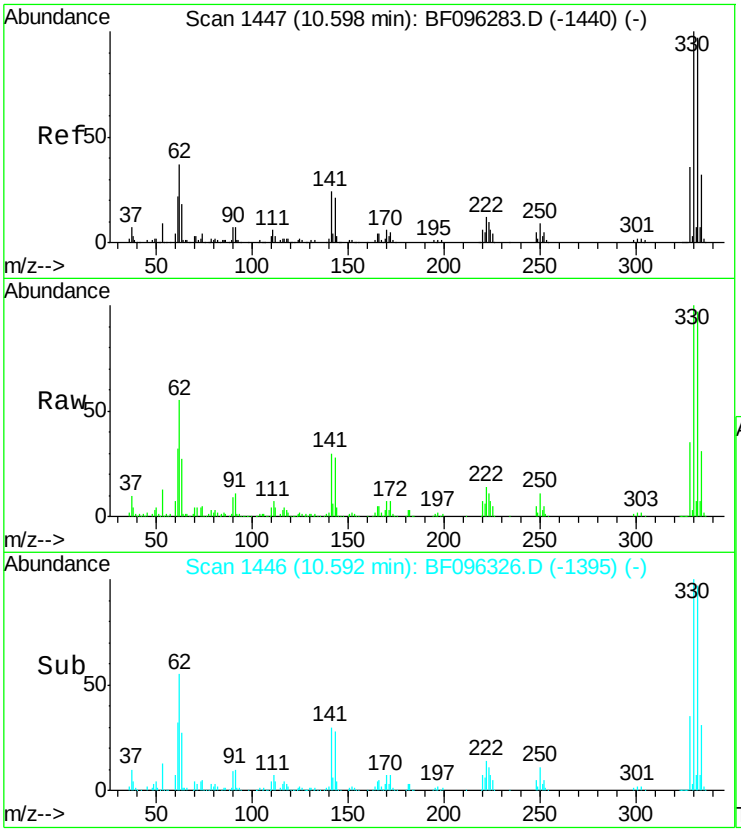


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:164 Resp: 239053

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	44.5	36.2	54.2



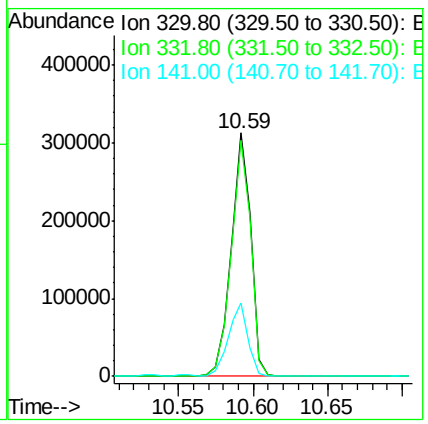


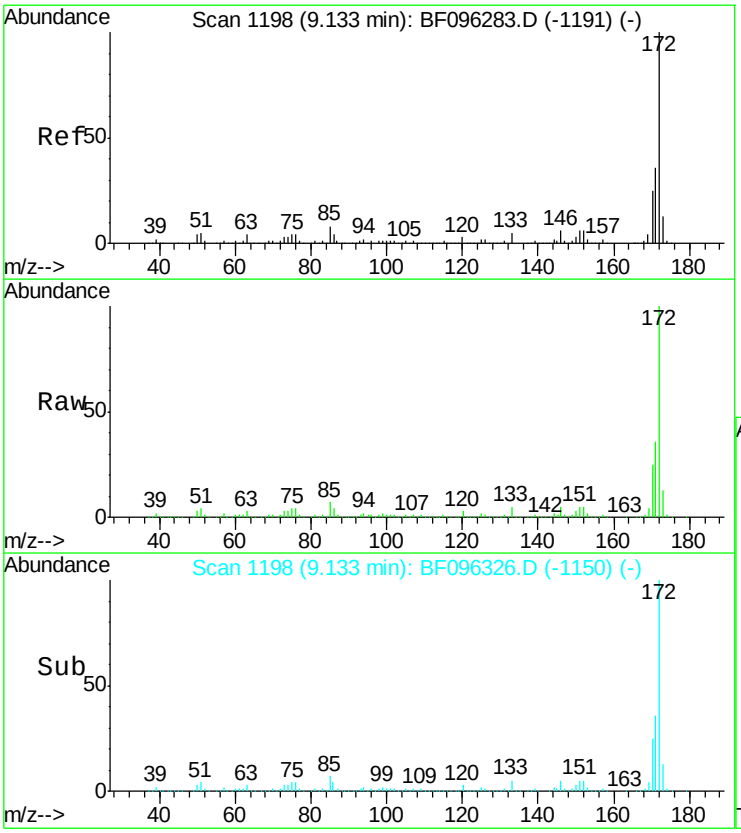
#41
2,4,6-Tribromophenol
Concen: 154.780 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:330 Resp: 291191

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	29.7	31.4	47.2#

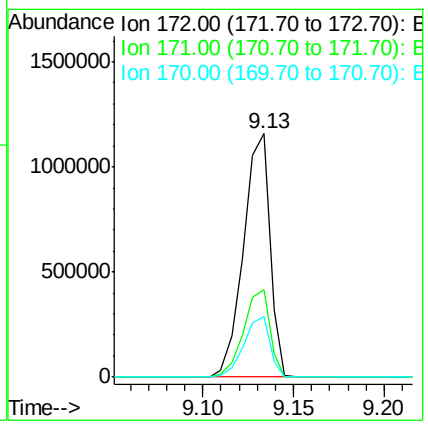


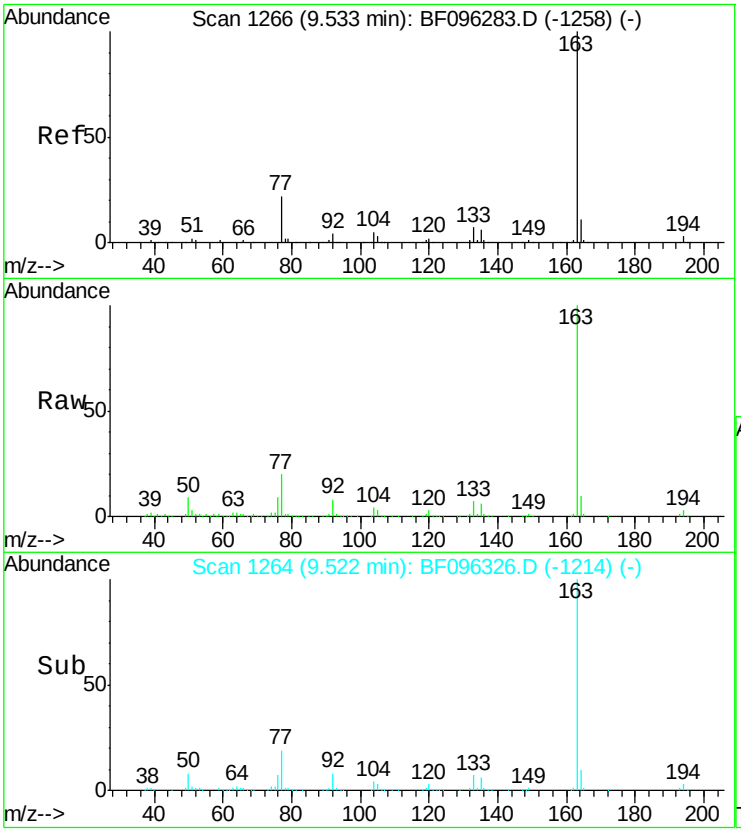


#44
2-Fluorobiphenyl
Concen: 90.224 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:172 Resp: 1177722

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.9	19.8	29.8



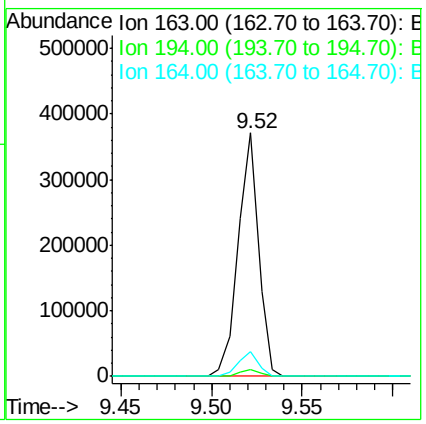


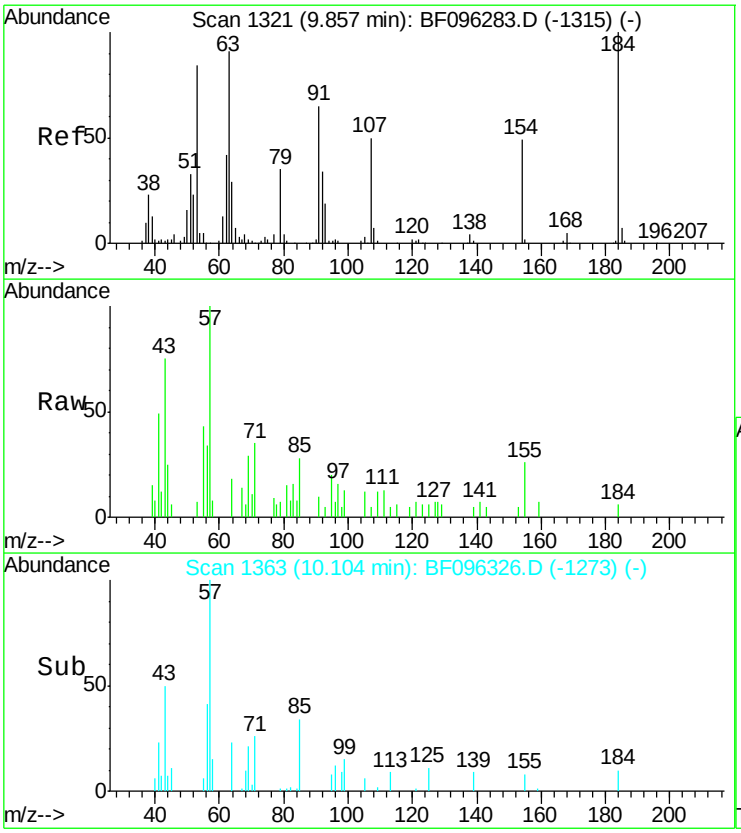
#49
Dimethylphthalate
Concen: 17.016 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:163 Resp: 291113

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.3	8.4	12.6

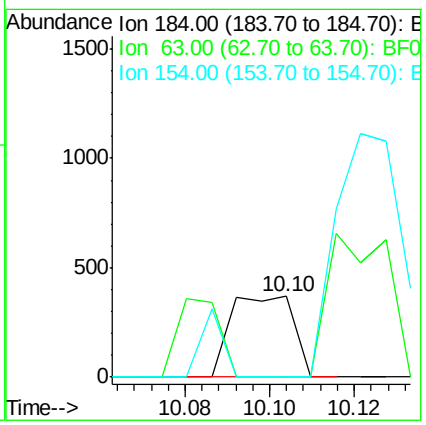


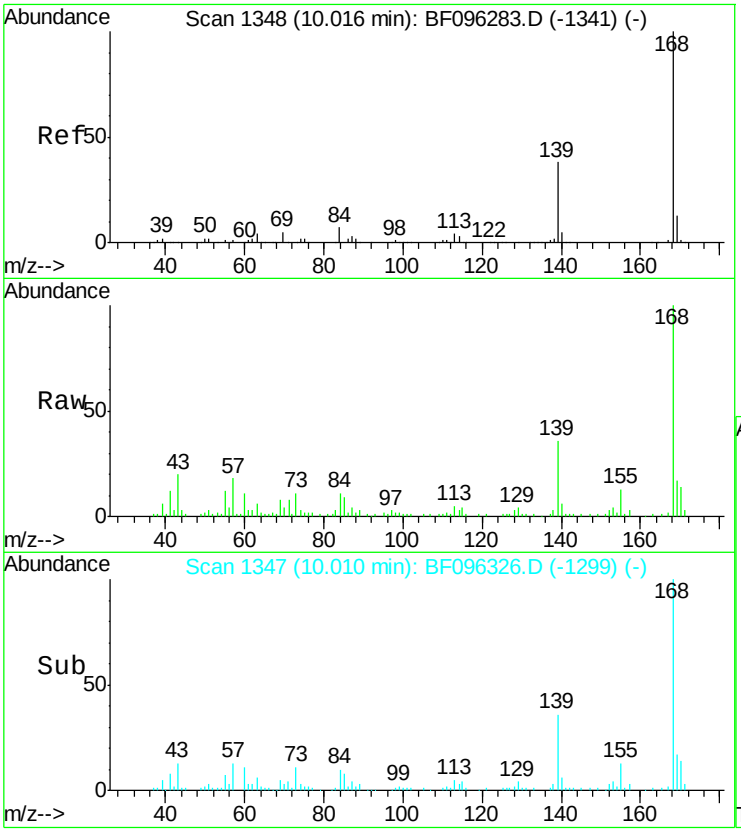


#53
2,4-Dinitrophenol
Concen: 7.874 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.23 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:184 Resp: 382

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



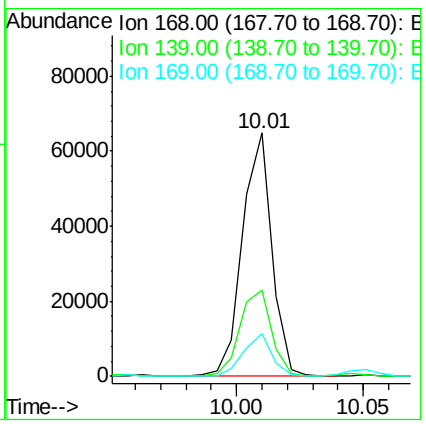


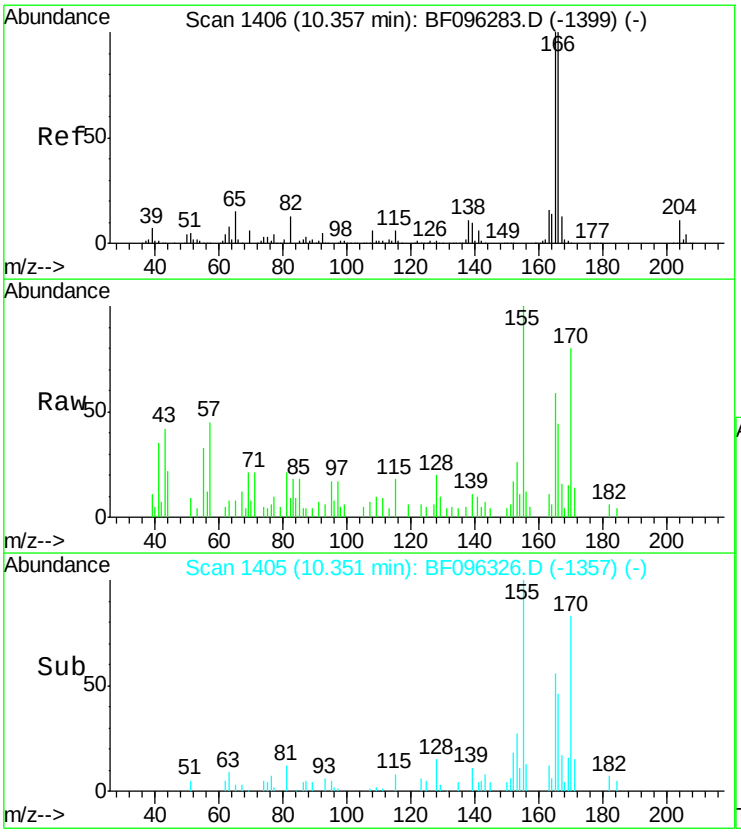
#54
Dibenzofuran
Concen: 2.697 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:168 Resp: 52327

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.6	45.8
169	17.4	10.8	16.2#

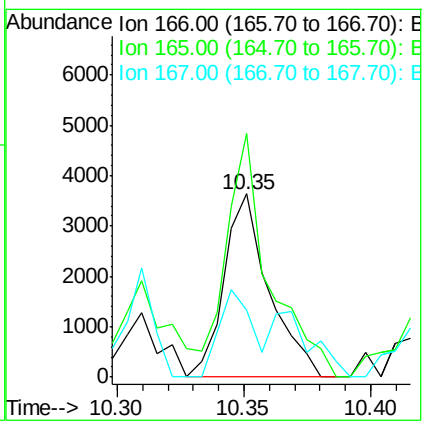


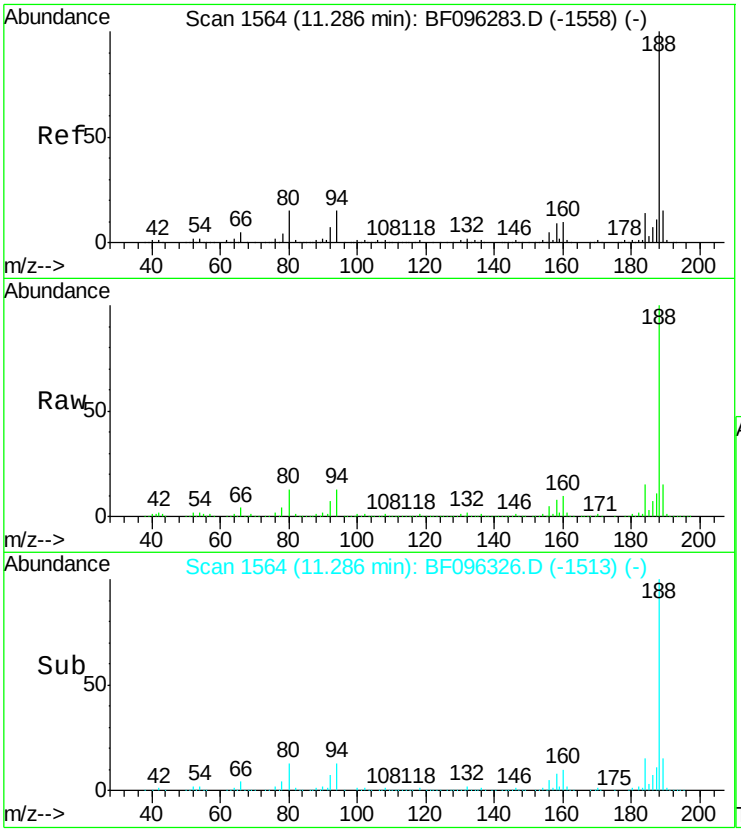


#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:166 Resp: 4449

Ion	Ratio	Lower	Upper
166	100		
165	133.2	78.8	118.2#
167	36.9	10.6	16.0#



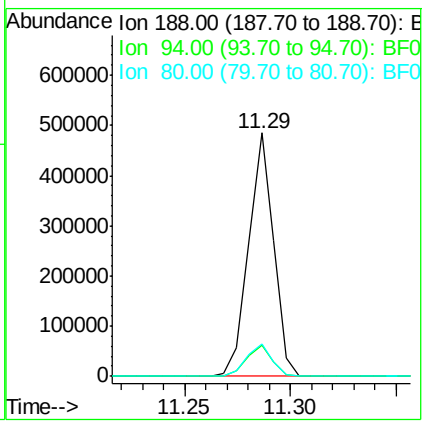


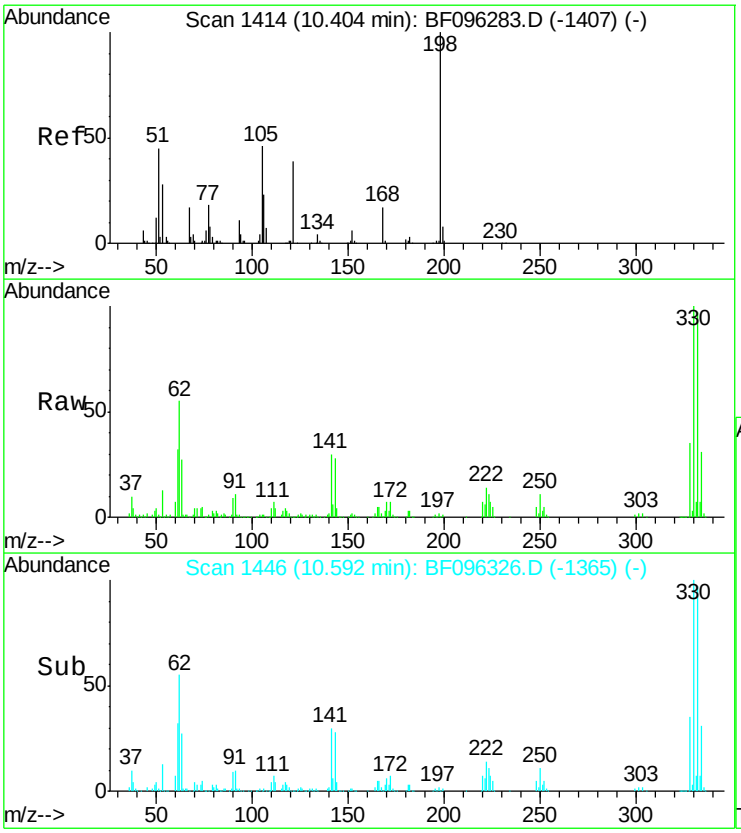
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:188 Resp: 399714

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.4	10.2	15.2

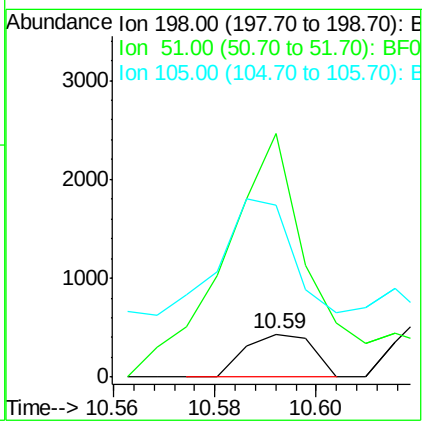


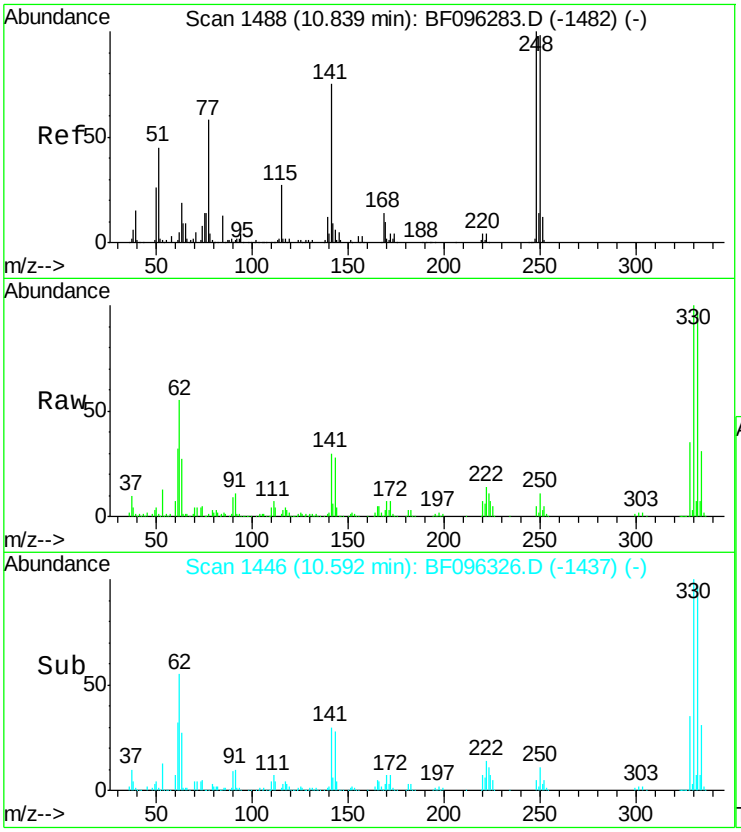


#64
4,6-Dinitro-2-methylphenol
Concen: 8.907 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:198 Resp: 402

Ion	Ratio	Lower	Upper
198	100		
51	568.6	53.2	93.2#
105	400.9	45.8	85.8#



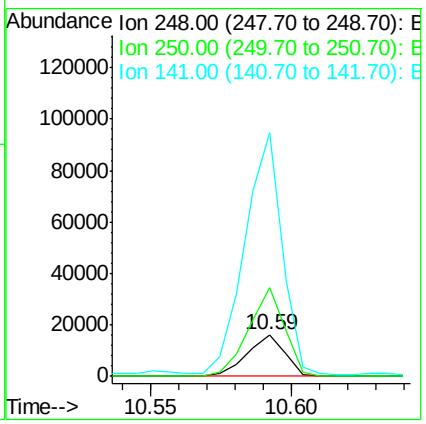


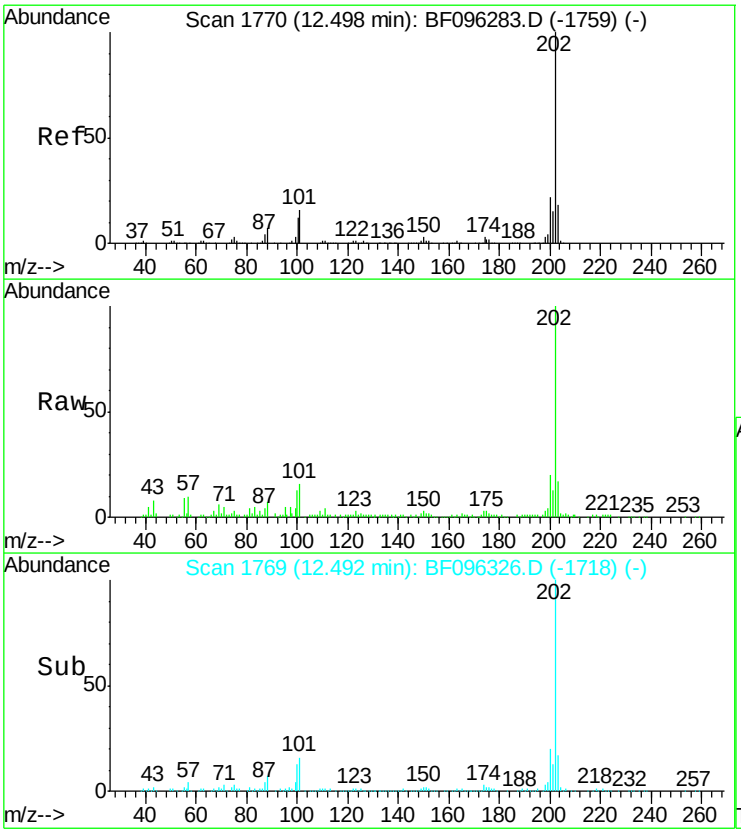
#66
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.25 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:248 Resp: 15120

Ion	Ratio	Lower	Upper
248	100		
250	212.2	76.8	115.2#
141	582.8	68.6	103.0#

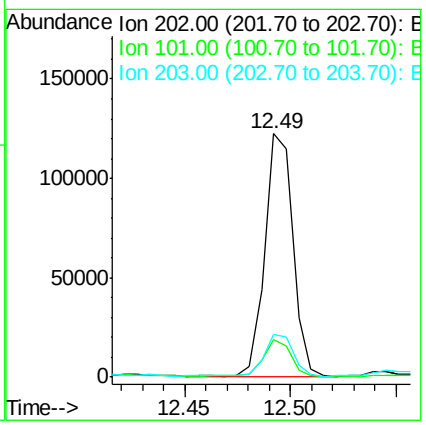


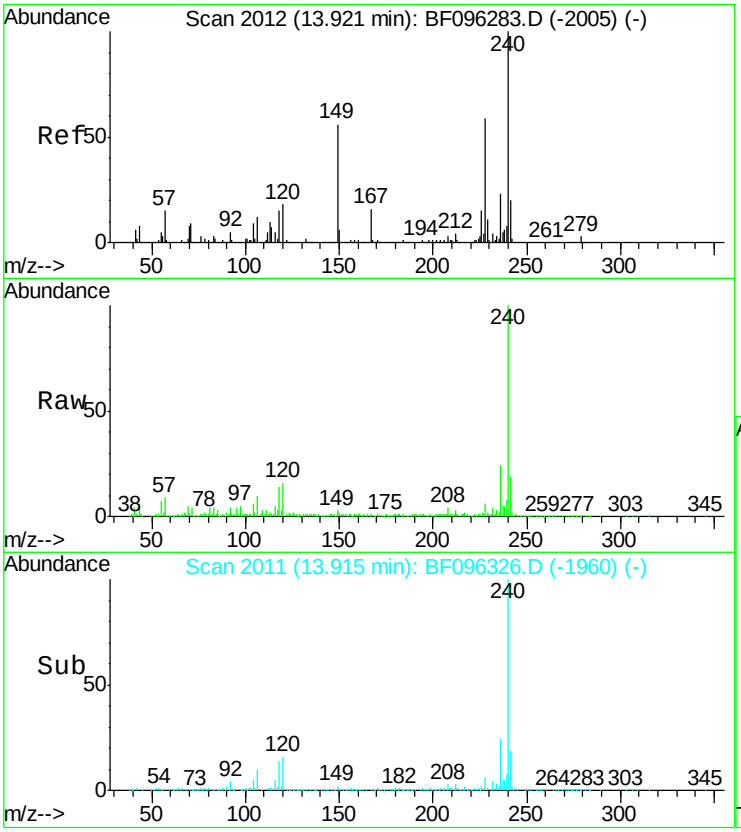


#74
Fluoranthene
Concen: 5.093 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:202 Resp: 113089

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	33.2
203	17.3	0.0	38.1



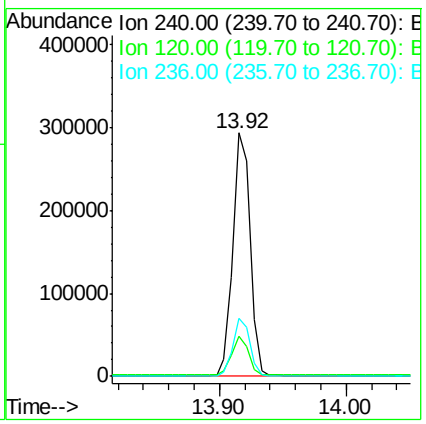


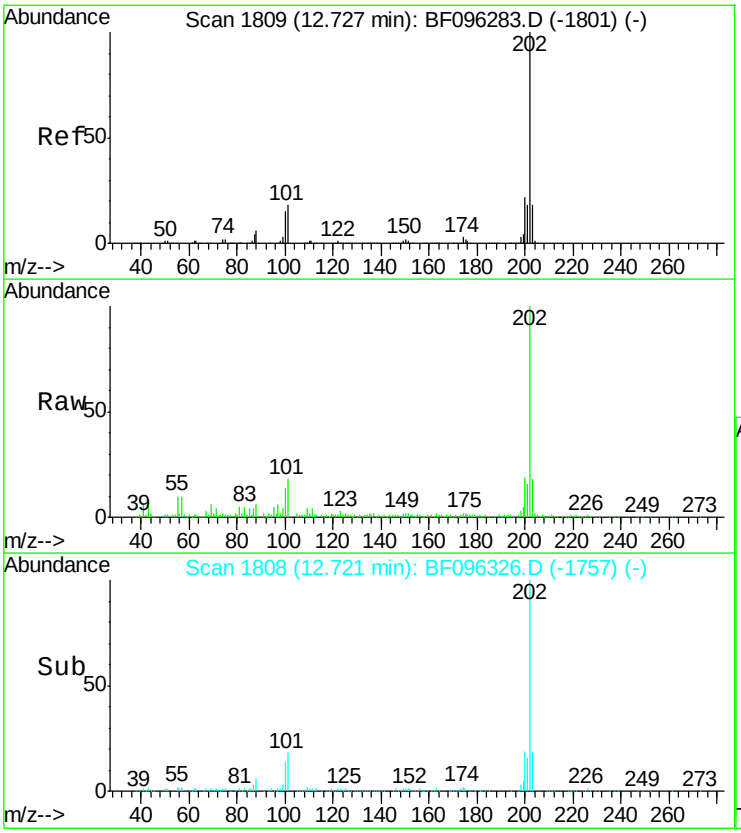
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:240 Resp: 275573

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	23.7	20.5	30.7

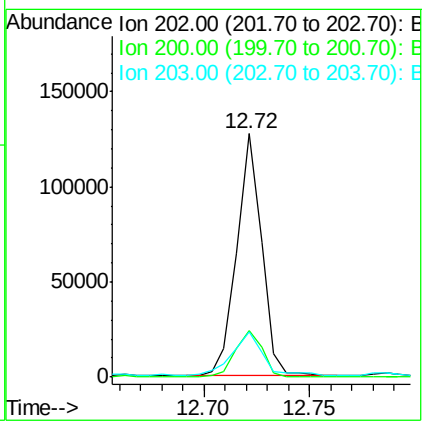


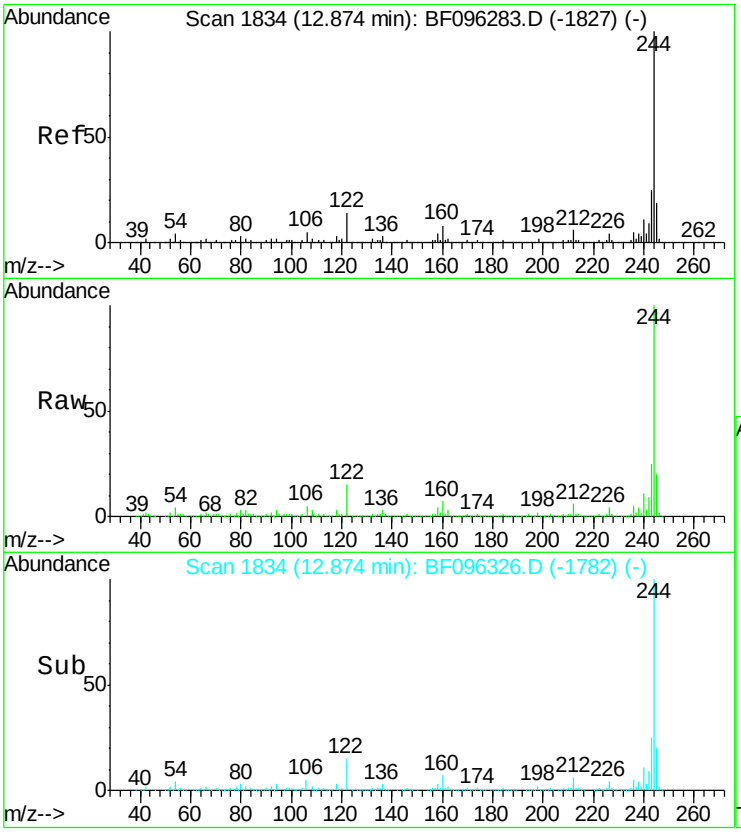


#77
Pyrene
Concen: 4.607 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:202 Resp: 104330

Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.6	26.4
203	18.3	14.4	21.6



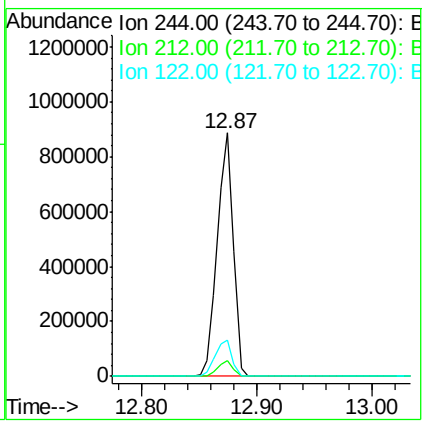


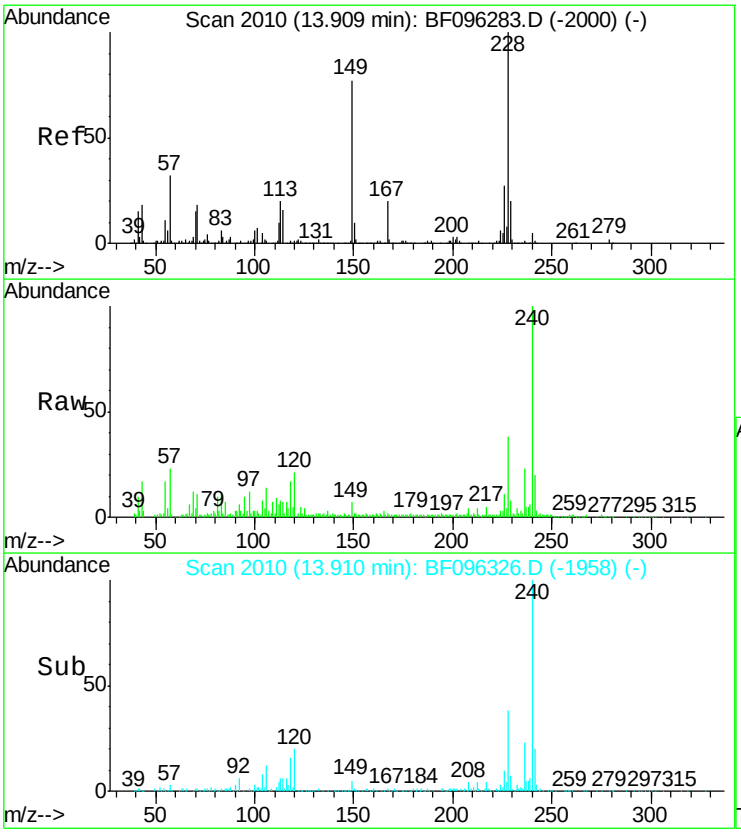
#78
Terphenyl-d14
Concen: 77.838 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:244 Resp: 859626

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.9	10.3	15.5

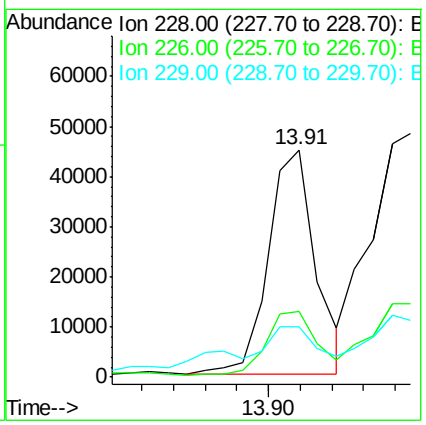


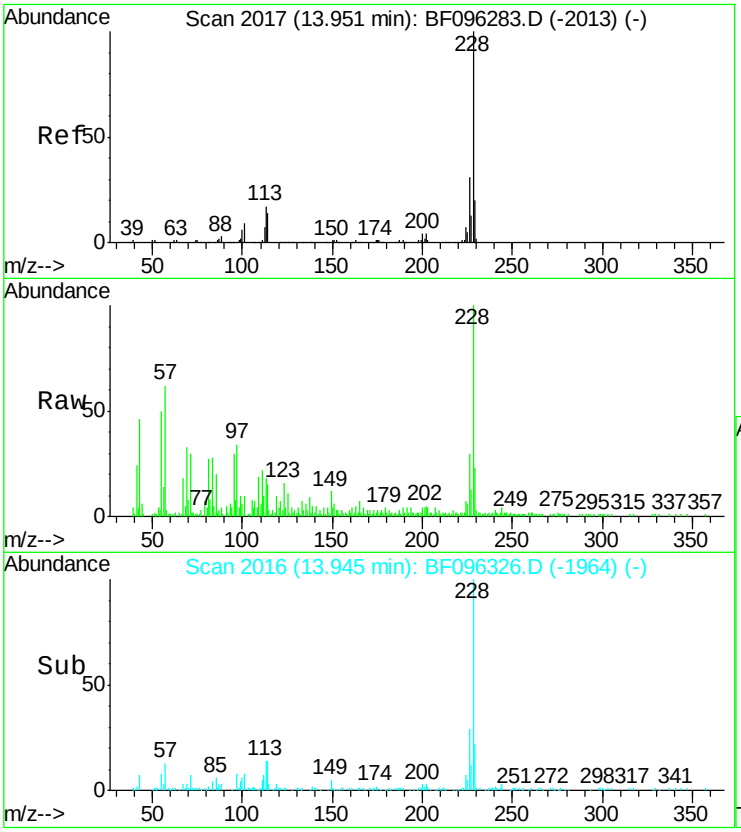


#80
Benzo(a)anthracene
Concen: 2.767 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:228 Resp: 46473

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	22.4	16.3	24.5



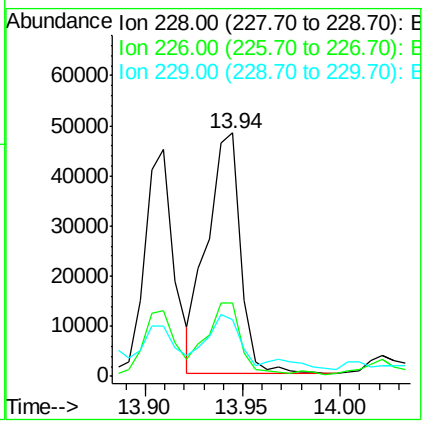


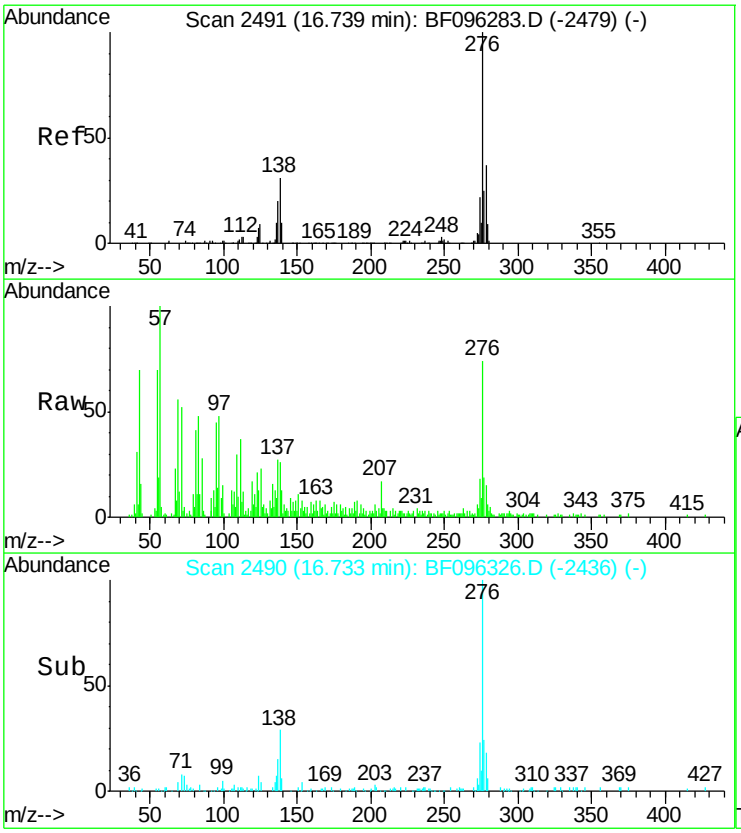
#82
Chrysene
Concen: 3.283 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:228 Resp: 57043

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	23.2	15.8	23.6

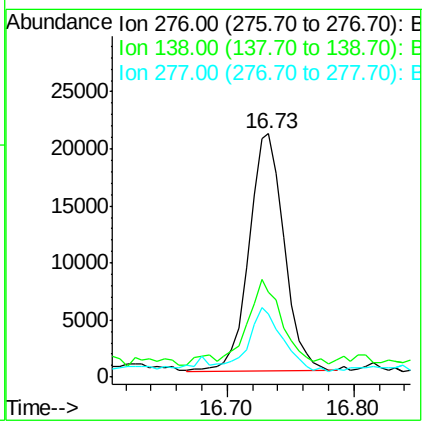


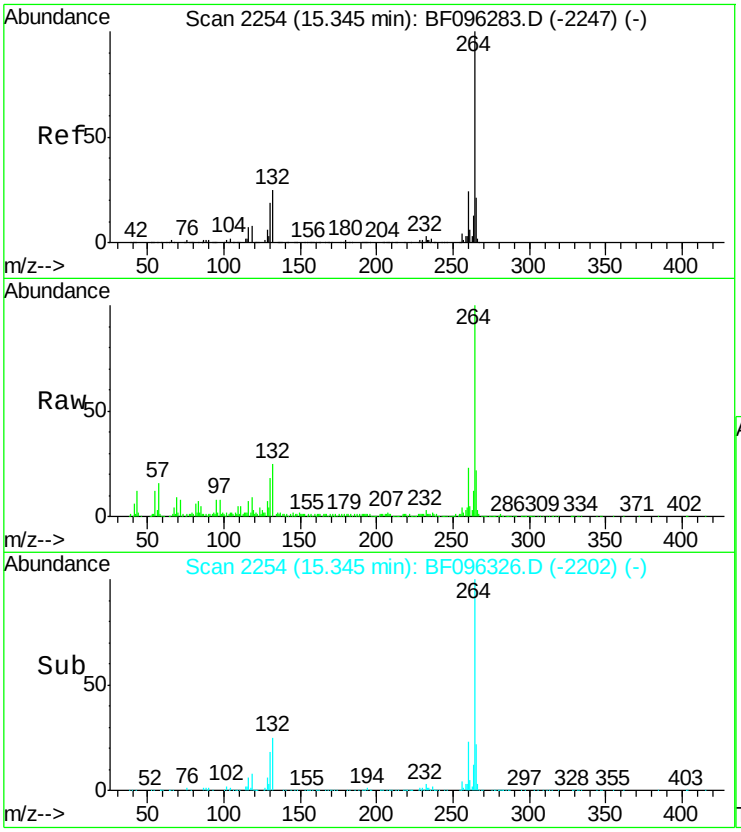


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.782 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:276 Resp: 40123

Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.3	20.2	30.4



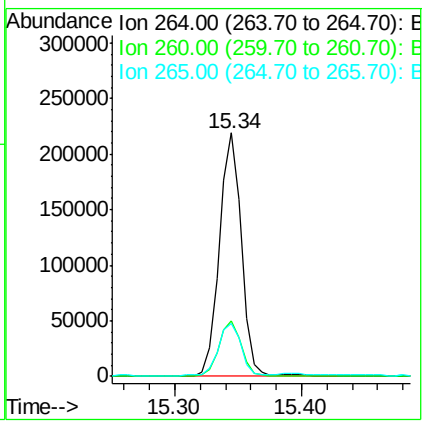


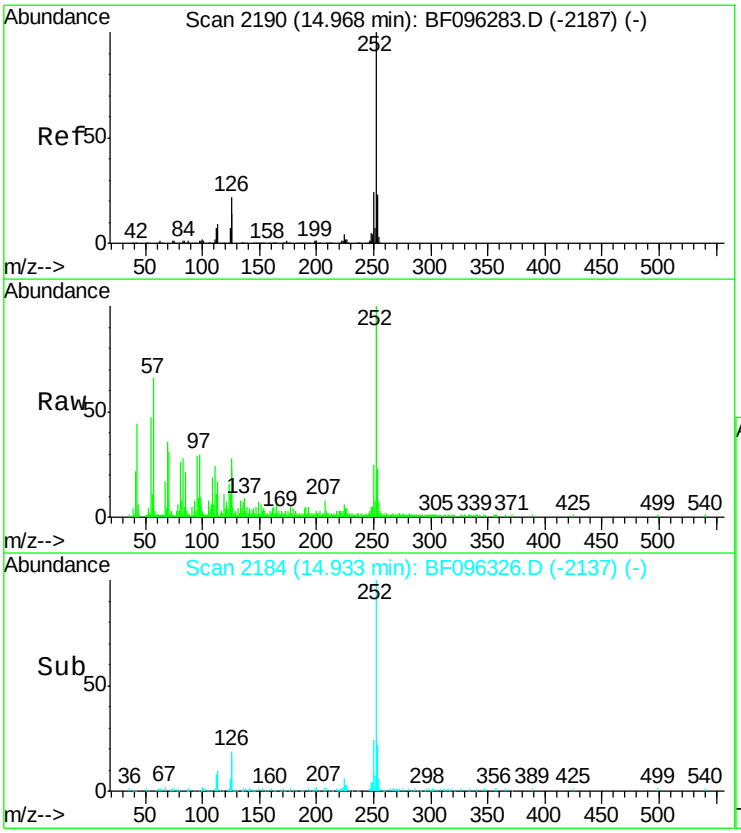
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:264 Resp: 263172

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.8	17.2	25.8

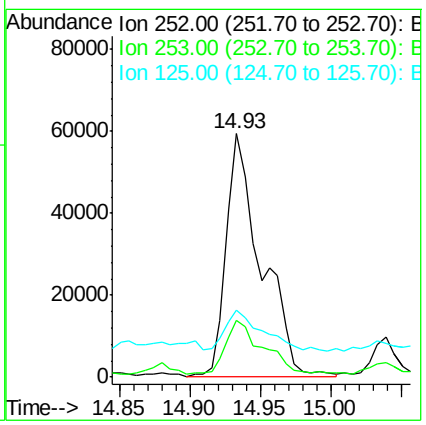


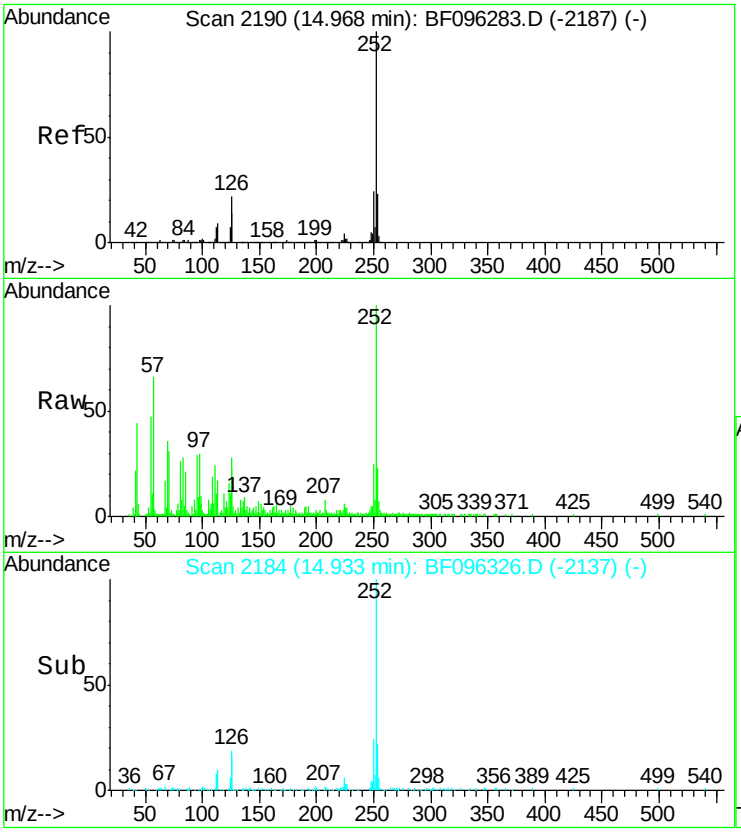


#87
Benzo(b)fluoranthene
Concen: 6.020 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:252 Resp: 104076

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	27.7	9.8	14.8#



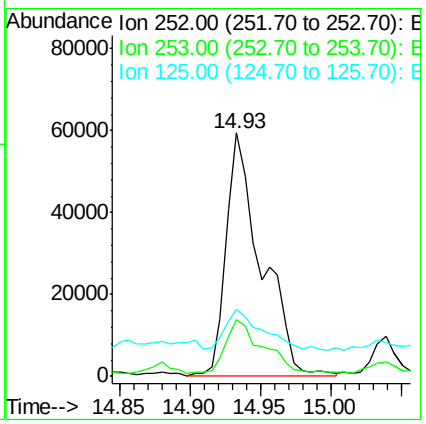


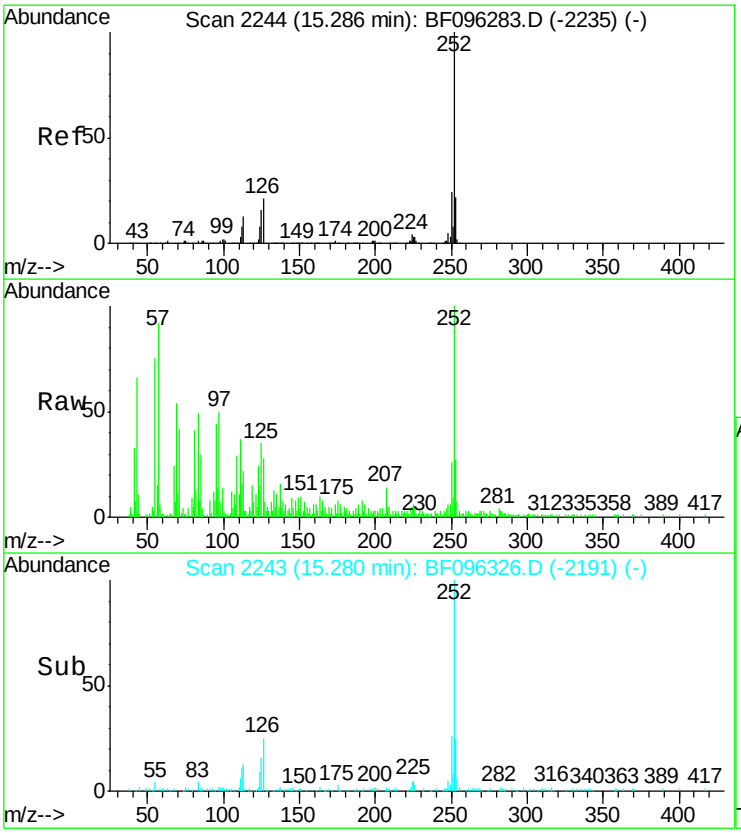
#88
Benzo(k)fluoranthene
Concen: 6.594 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:252 Resp: 104076

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	27.7	13.1	19.7#

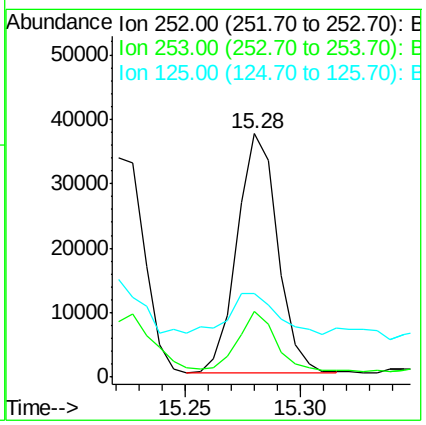


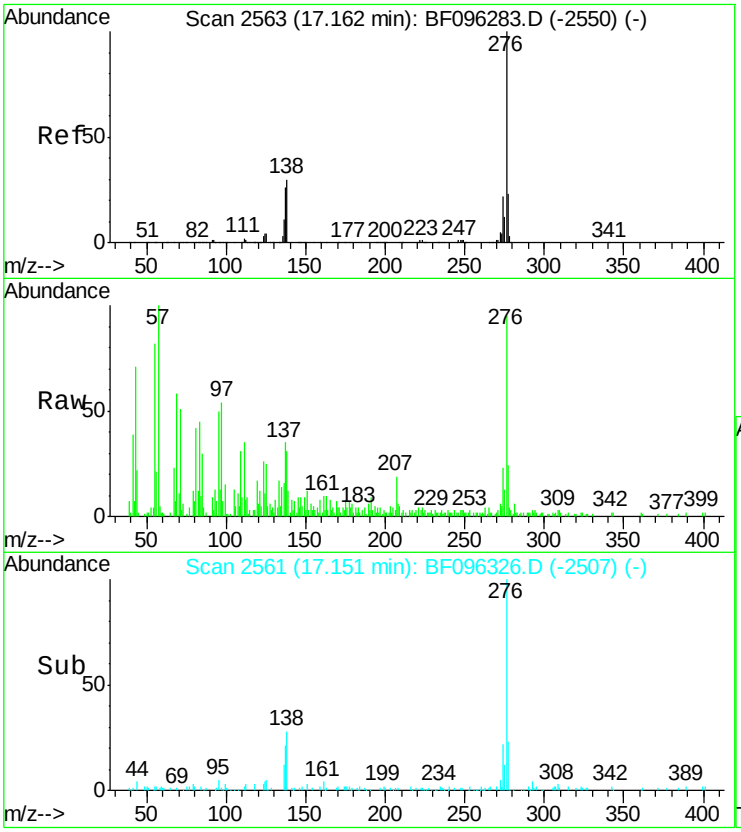


#89
Benzo(a)pyrene
Concen: 2.977 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Tgt Ion:252 Resp: 45460

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.5	26.3#
125	34.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.810 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF096326.D
Acq: 30 Jun 2017 10:04

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tgt Ion:276 Resp: 47347

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	32.6	25.4	38.0