Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Time: Jun 13 17:22:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112588	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	449535	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	204335	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	335608	20.00	ng		0.00
75) Chrysene-d12	13.94	240	221234	20.00	ng		-0.01
86) Perylene-d12	15.36	264	209076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	740543	112.44	ng		0.01
7) Phenol-d6	6.43	99	948060	118.78	ng		0.00
23) Nitrobenzene-d5	7.36	82	543224	70.56	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	209386	97.05	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	980913	74.74	ng		0.00
78) Terphenyl-d14	12.90	244	648209	66.67	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.44	94	6071	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.36	70	70834	13.87	ng	#	72
25) Isophorone	7.36	82	426586	29.92	ng	#	65
45) 1,1'-Biphenyl	9.26	154	326	Below Cal		#	43
49) Dimethylphthalate	9.55	163	194024	13.11	ng		99
56) 2,4-Dinitrotoluene	9.84	165	25810	5.92	ng	#	38
57) Fluorene	10.38	166	1072	Below Cal		#	79
64) 4,6-Dinitro-2-methylphenol	10.63	198	547	2.41	ng	#	10
66) 4-Bromophenyl-phenylether	10.63	248	14157	3.93	ng	#	1
74) Fluoranthene	12.53	202	52787	2.84	ng		96
77) Pyrene	12.75	202	43543	2.65	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	192993	21.84	ng		99
87) Benzo(b)fluoranthene	14.96	252	45693	3.14	ng	#	90
88) Benzo(k)fluoranthene	14.96	252	45693	4.16	ng	#	95

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

Quantitation Report (Not Reviewed)

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Acq On : 13 Jun 2016 16:41
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Misc :
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Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Time: Jun 13 17:22:07 2016
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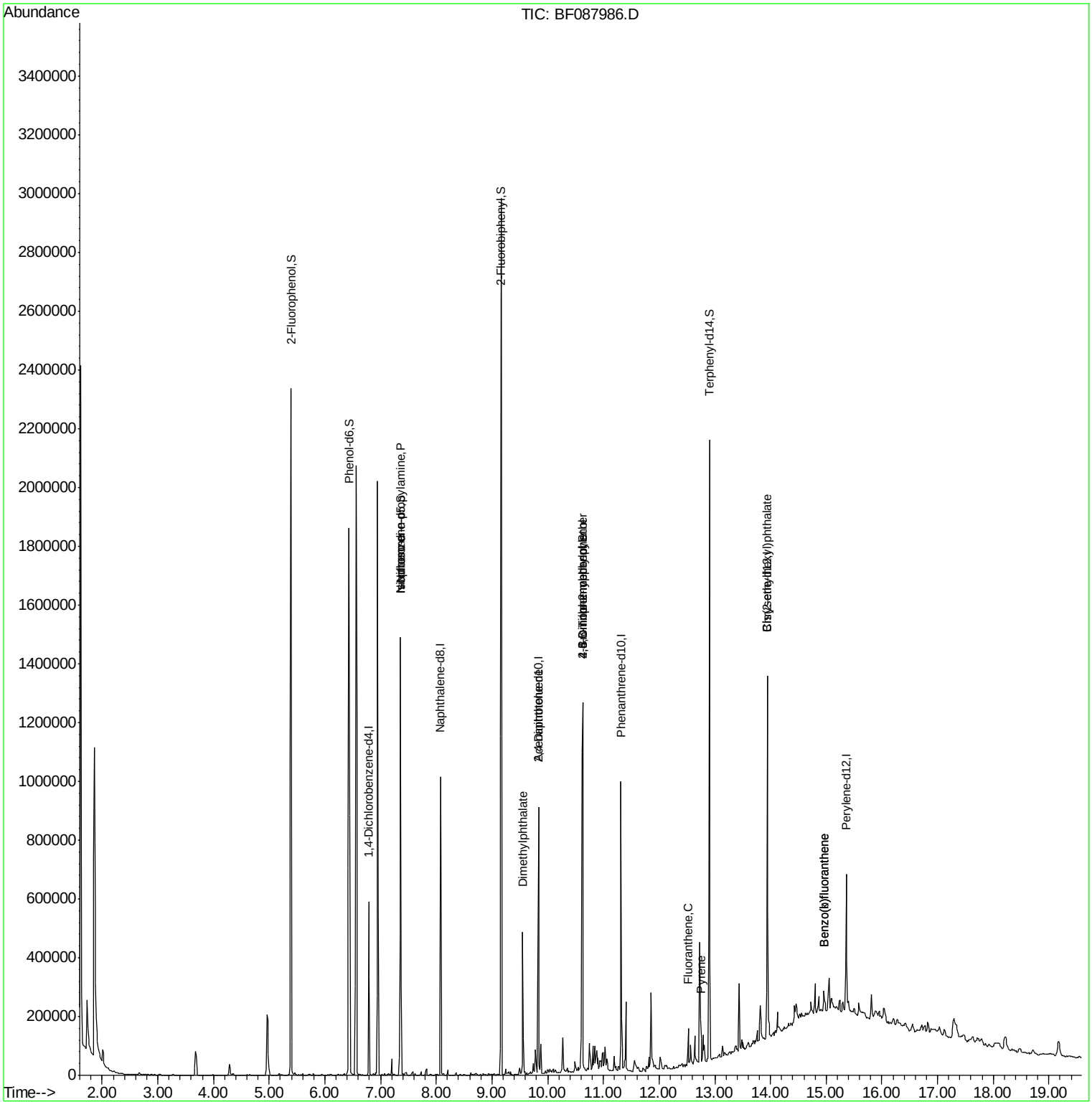
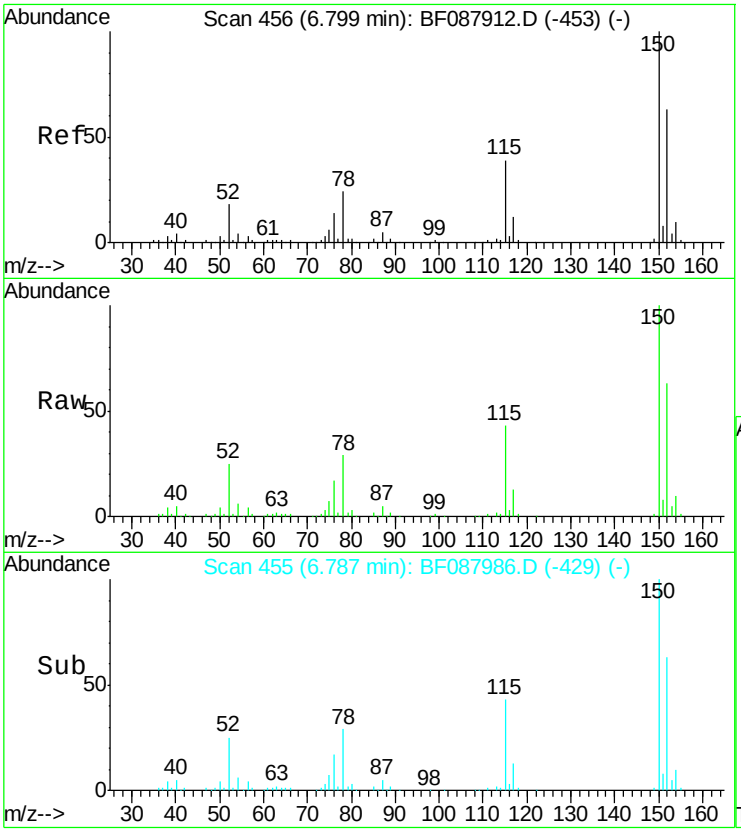
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration



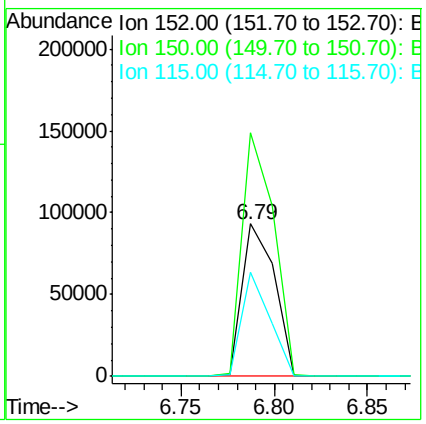


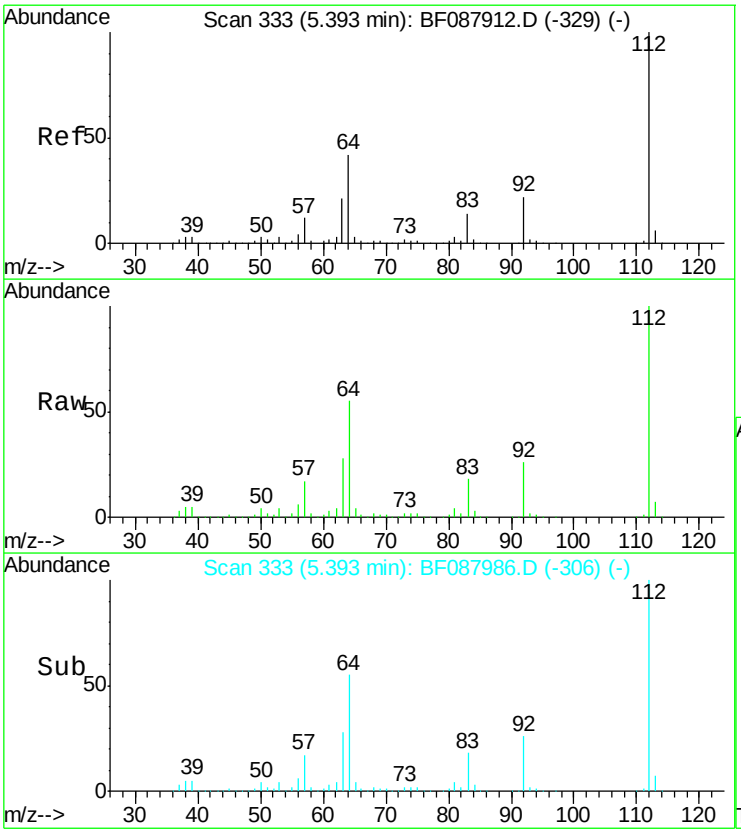
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:152 Resp: 112588

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.8	185.6
115	68.0	39.6	59.4#

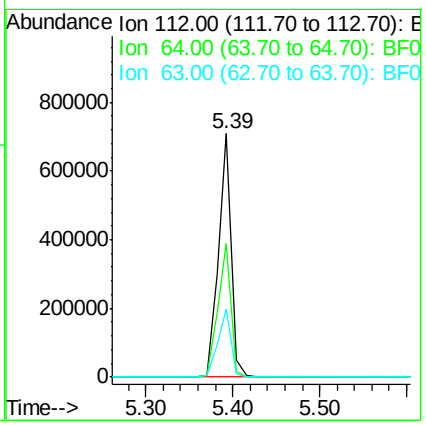


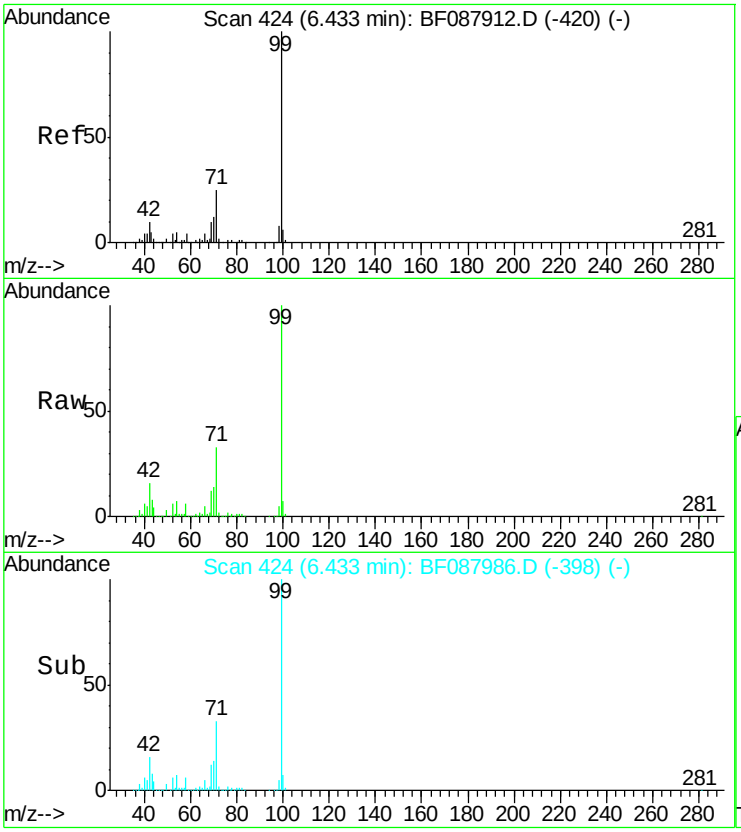


#5
2-Fluorophenol
Concen: 112.44 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:112 Resp: 740543

Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.2	63.2
63	28.2	21.8	32.8



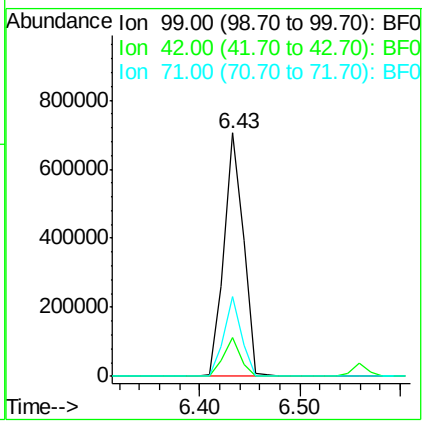


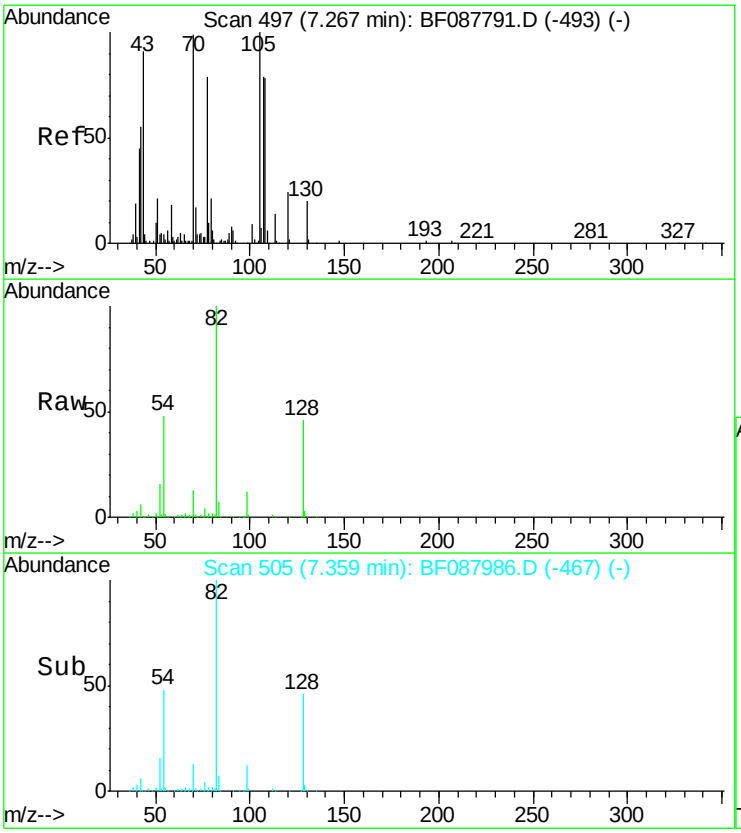
#7
Phenol-d6
Concen: 118.78 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion: 99 Resp: 948060

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.2
71	32.8	23.4	35.0

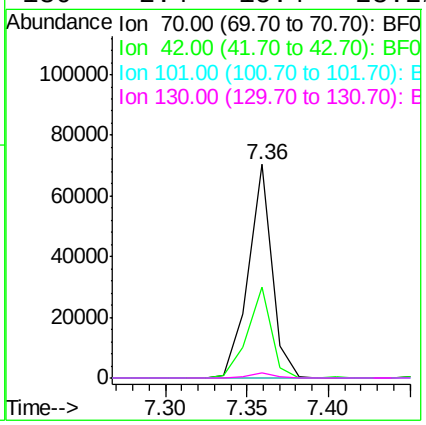


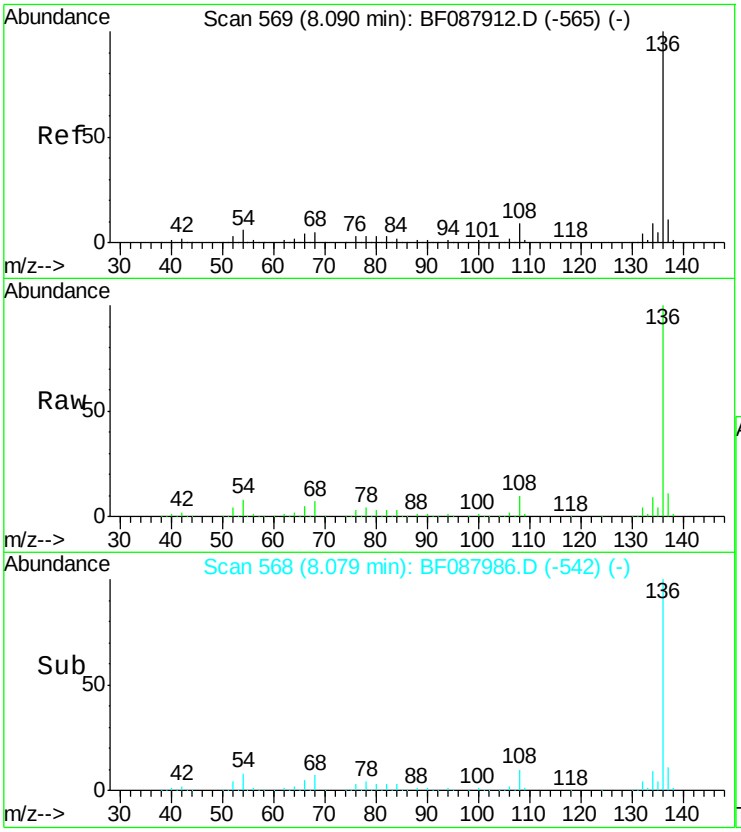


#19
n-Nitroso-di-n-propylamine
Concen: 13.87 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.14 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion: 70 Resp: 70834

Ion	Ratio	Lower	Upper
70	100		
42	42.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



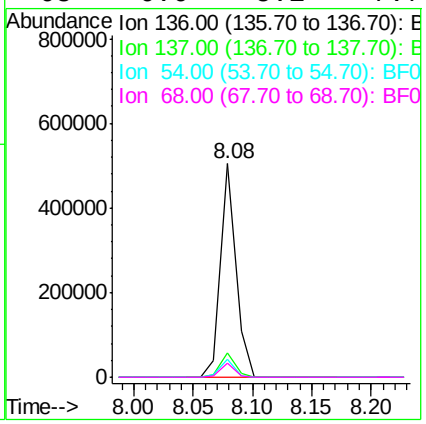


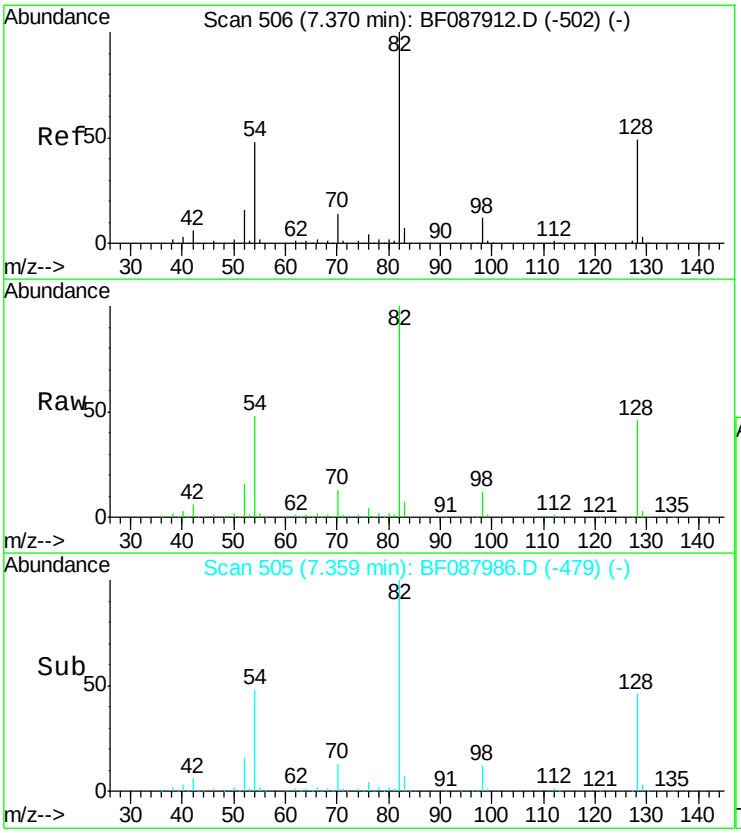
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:136 Resp: 449535

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.2	6.6	10.0
68	6.6	5.1	7.7

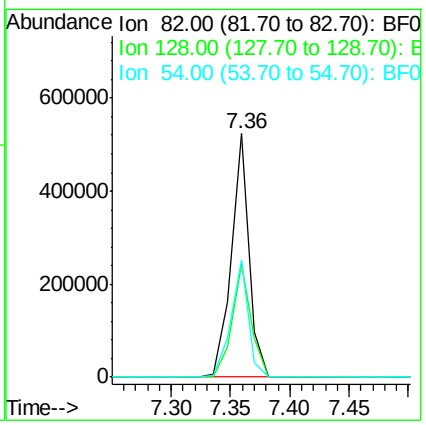


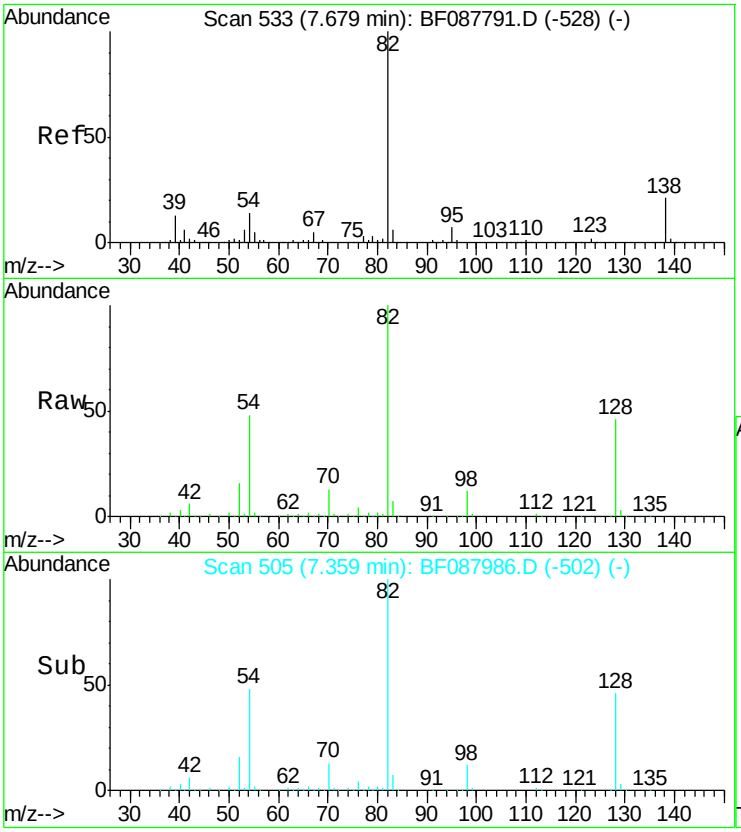


#23
Nitrobenzene-d5
Concen: 70.56 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion: 82 Resp: 543224

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.9	53.9
54	47.8	40.9	61.3



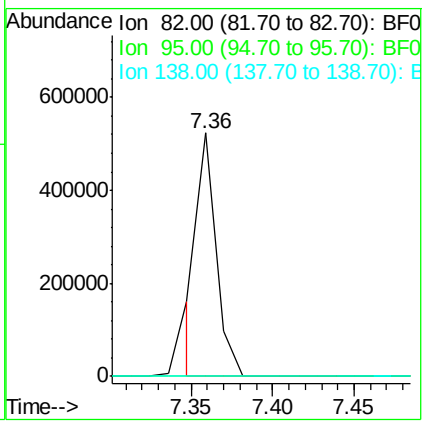


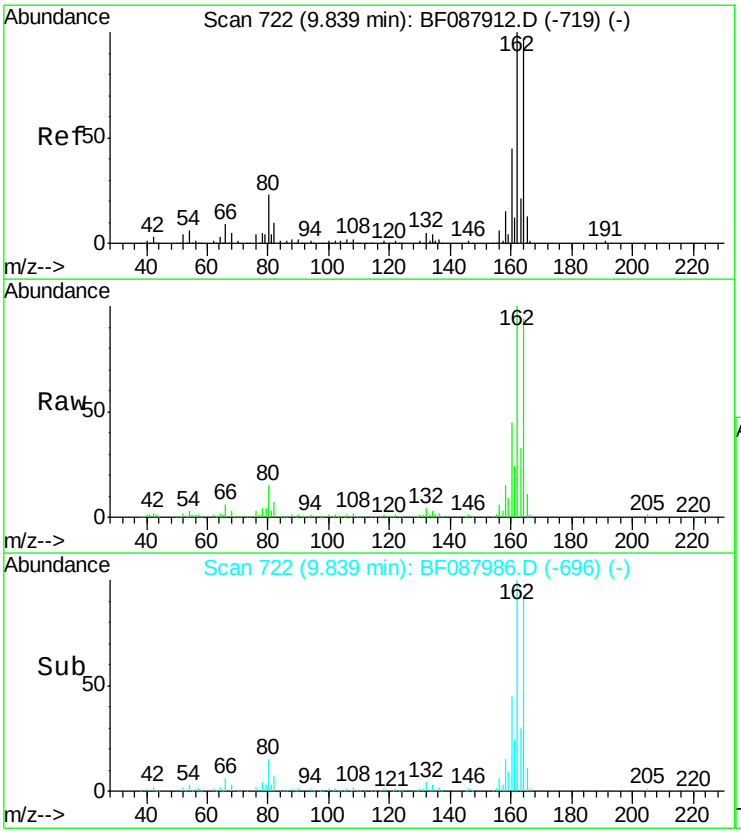
#25
Isophorone
Concen: 29.92 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.26 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion: 82 Resp: 426586

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

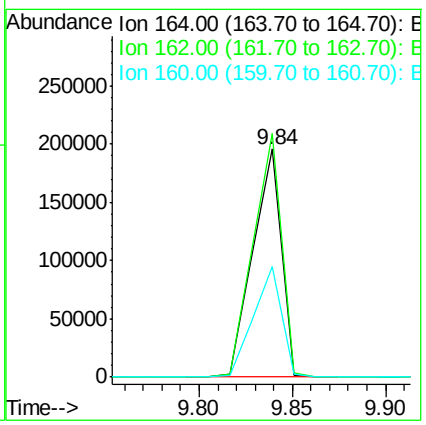


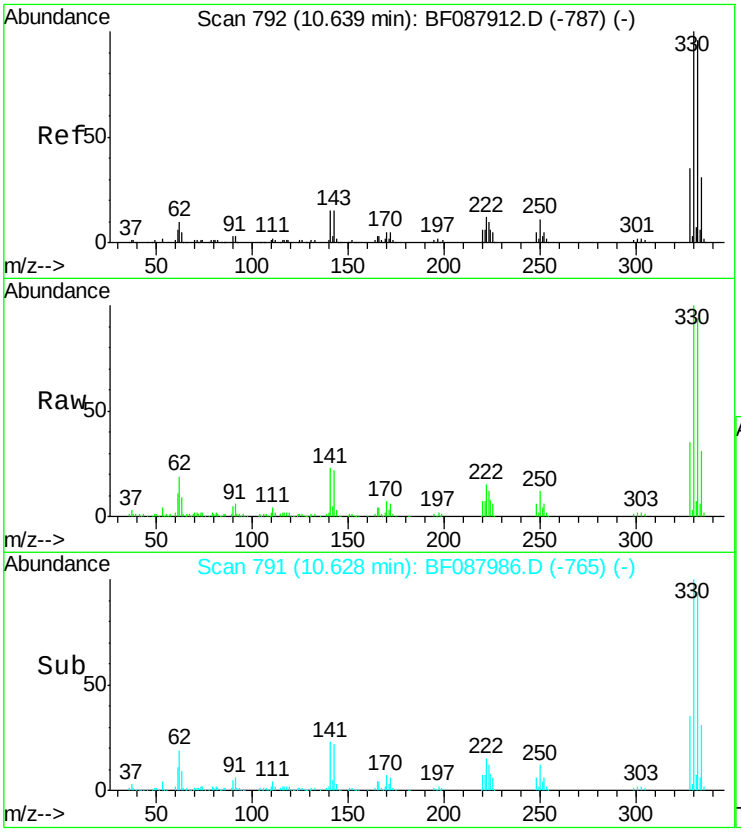


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:164 Resp: 204335

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.4	128.2
160	48.3	39.5	59.3



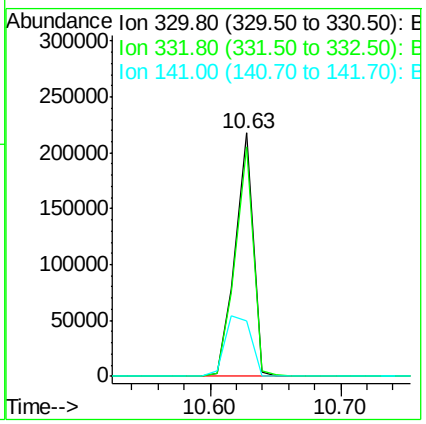


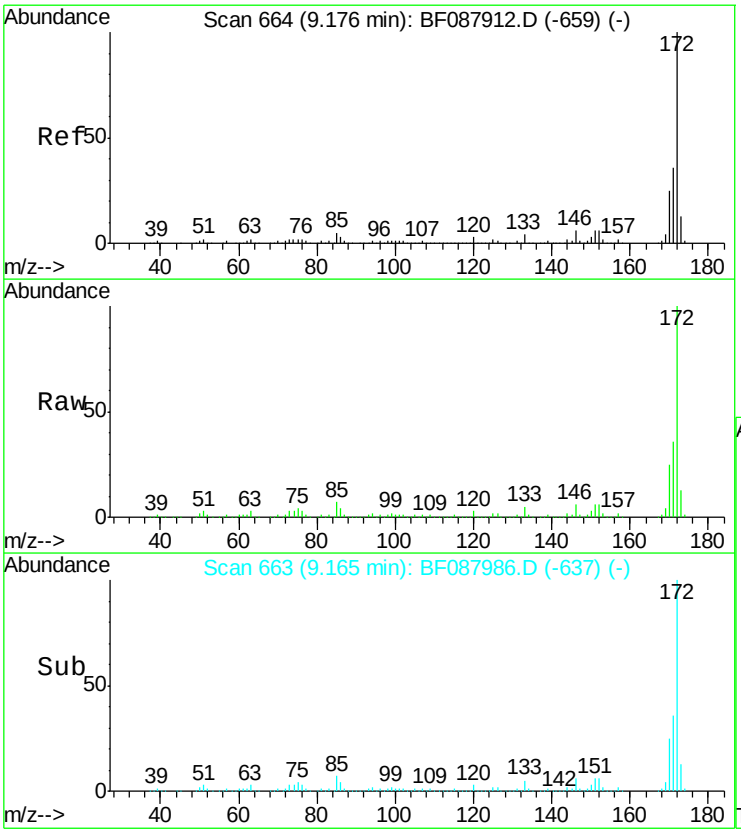
#41
2,4,6-Tribromophenol
Concen: 97.05 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:330 Resp: 209386

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	36.1	0.0	0.0#

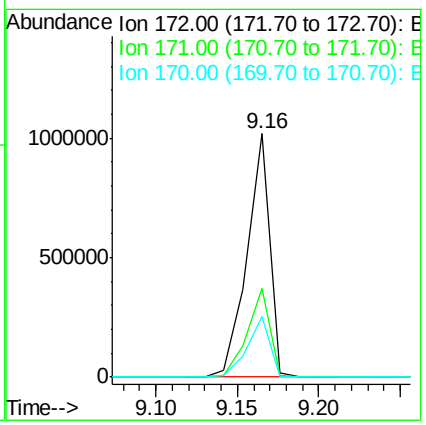


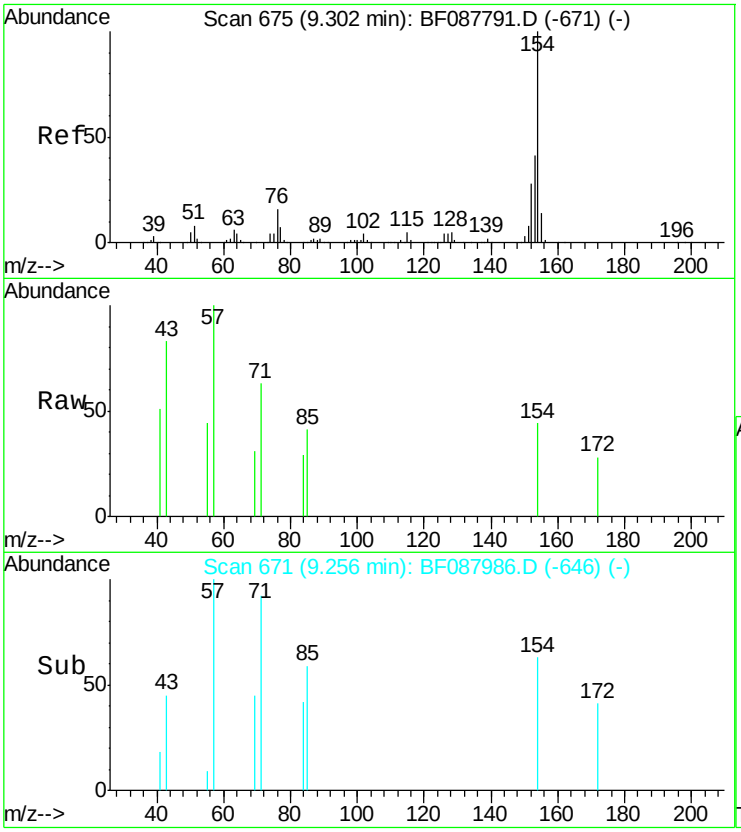


#44
2-Fluorobiphenyl
Concen: 74.74 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:172 Resp: 980913

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.7	19.2	28.8



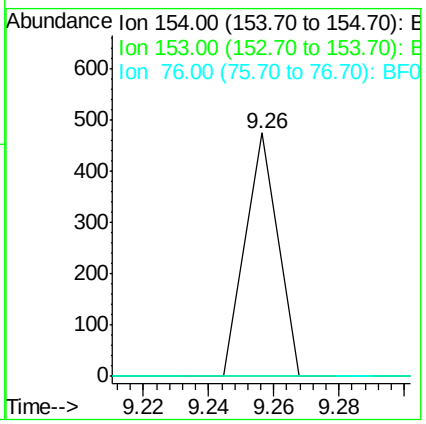


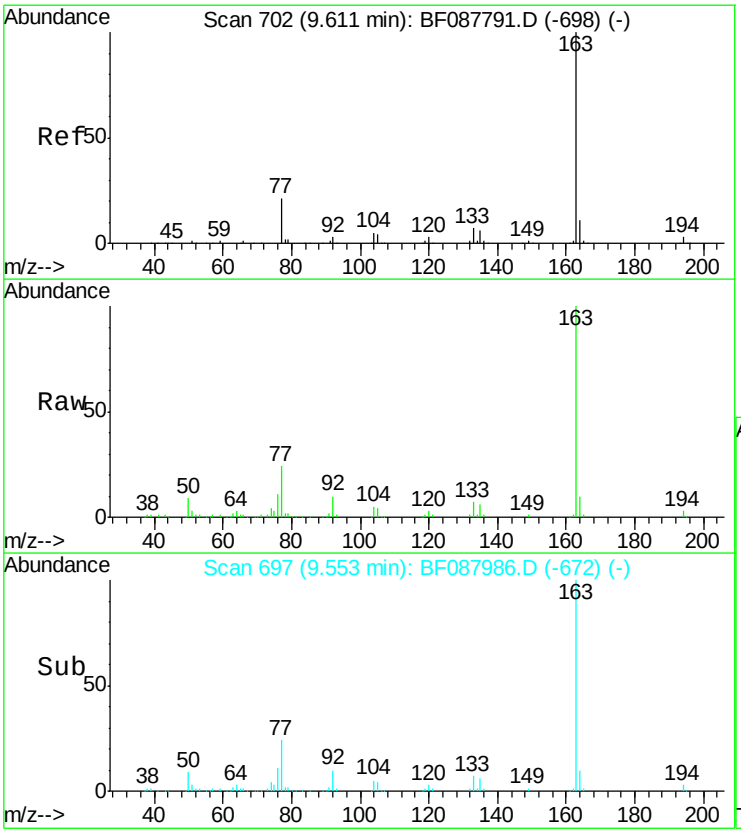
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:154 Resp: 326

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.6	60.6#
76	0.0	0.0	35.1

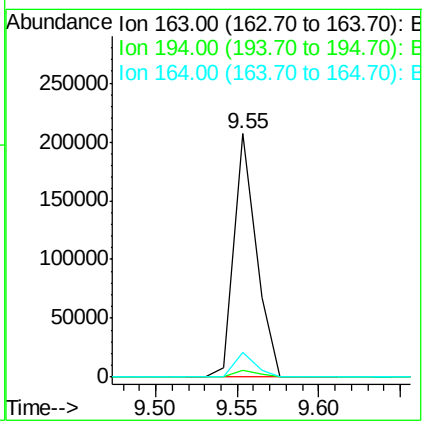


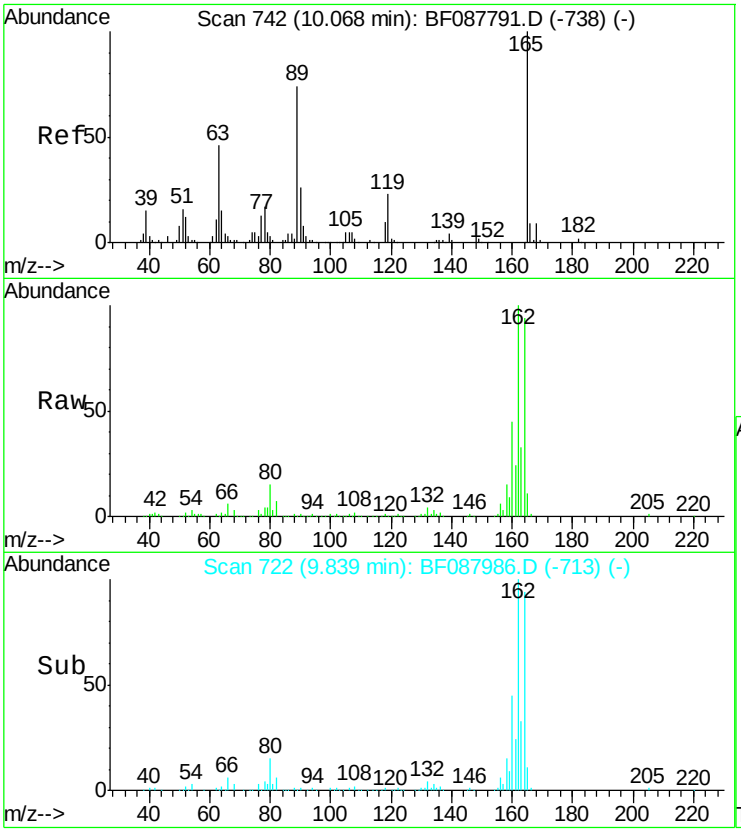


#49
Dimethylphthalate
Concen: 13.11 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:163 Resp: 194024

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.3	8.3	12.5



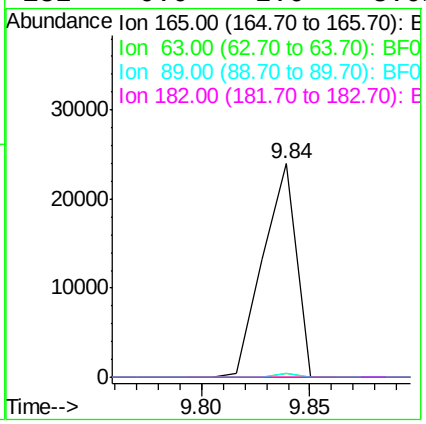


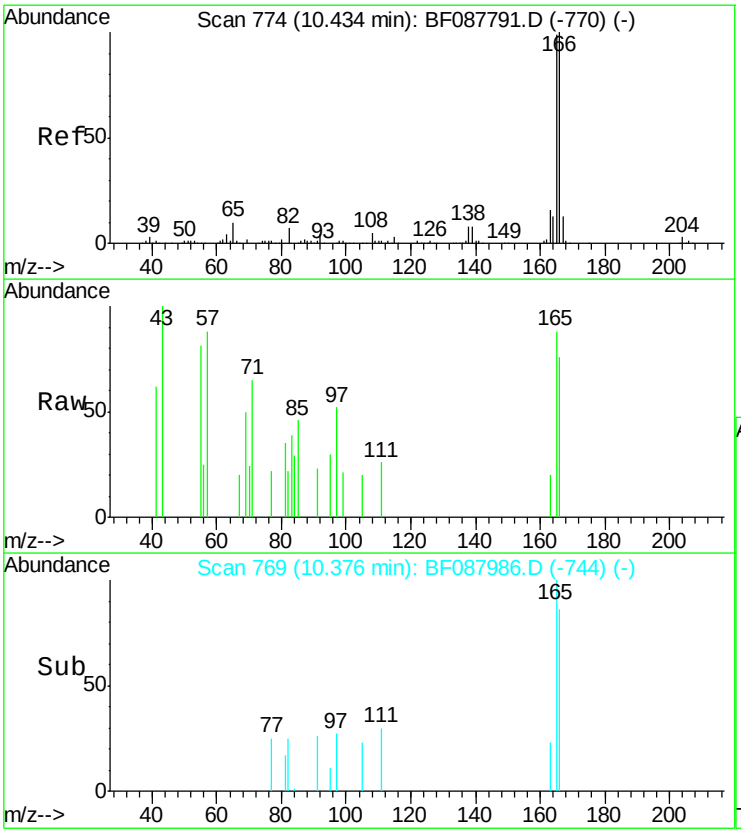
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:165 Resp: 25810

Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

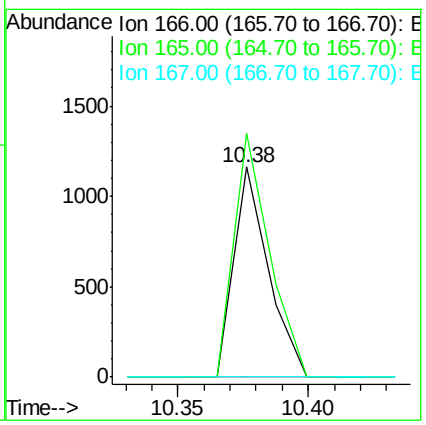


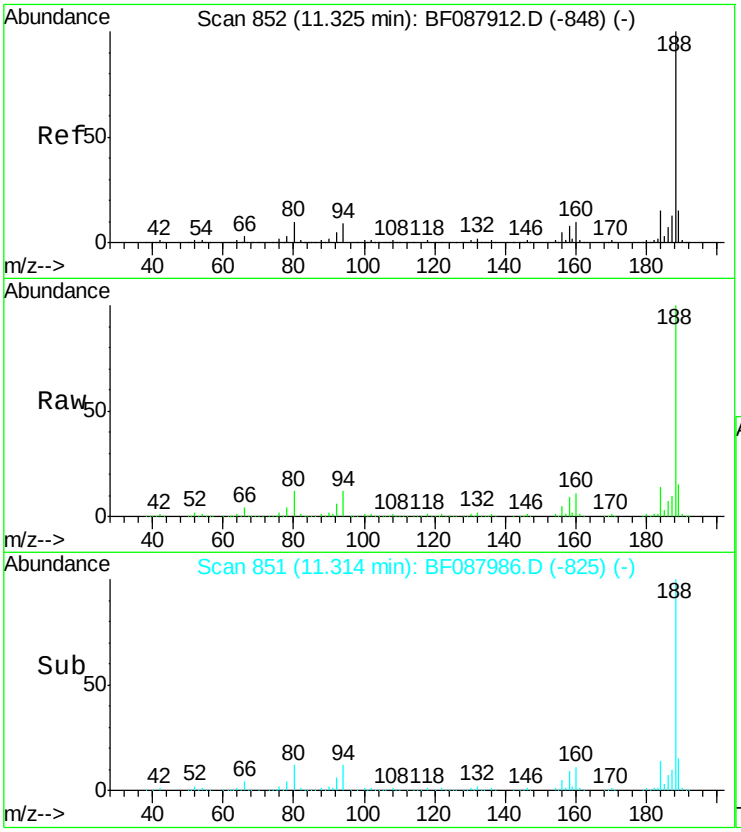


#57
Fluorene
Concen: Below Cal
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:166 Resp: 1072

Ion	Ratio	Lower	Upper
166	100		
165	115.8	77.8	116.8
167	0.0	11.2	16.8#



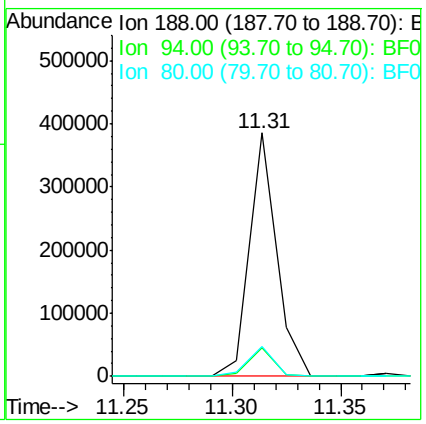


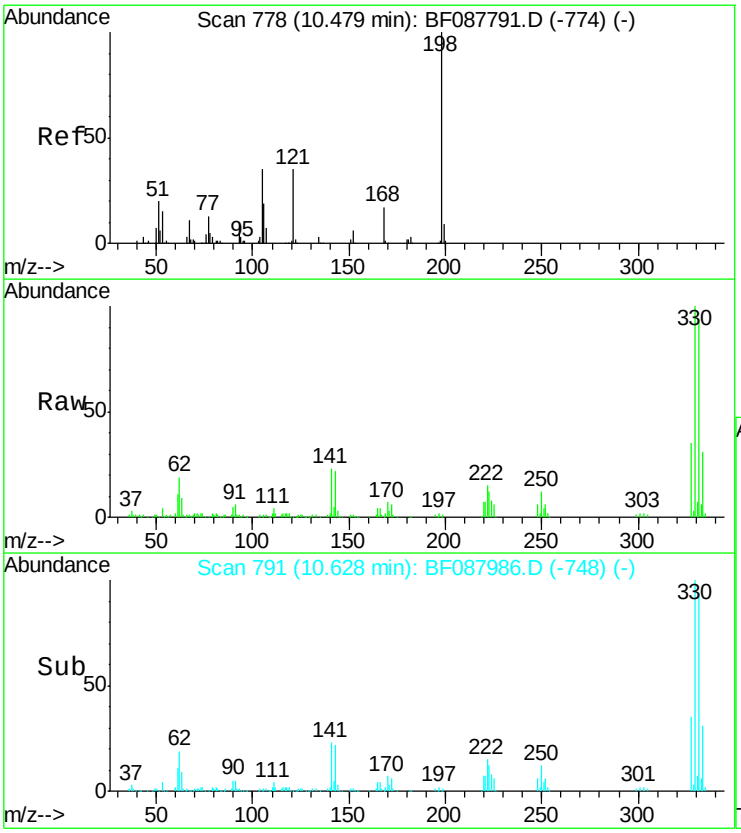
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:188 Resp: 335608

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.0	13.6
80	12.3	10.0	15.0

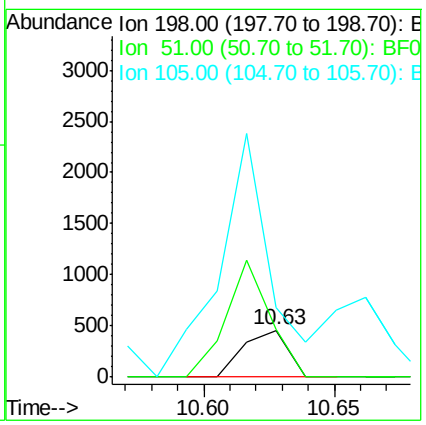


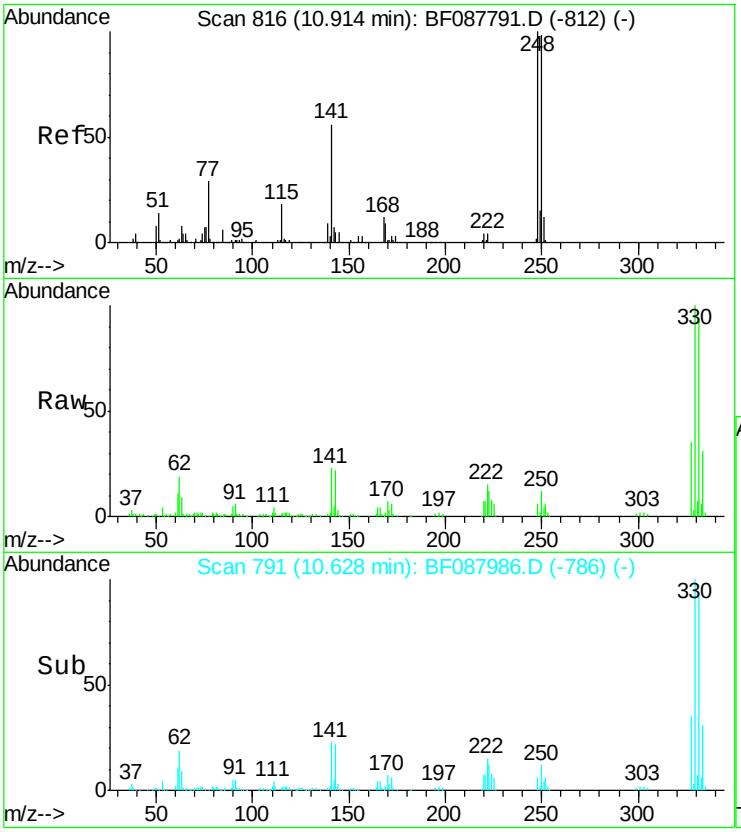


#64
4,6-Dinitro-2-methylphenol
Concen: 2.41 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:198 Resp: 547

Ion	Ratio	Lower	Upper
198	100		
51	101.3	39.6	79.6#
105	148.8	36.6	76.6#



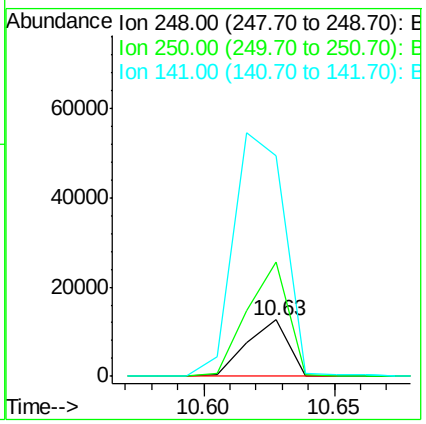


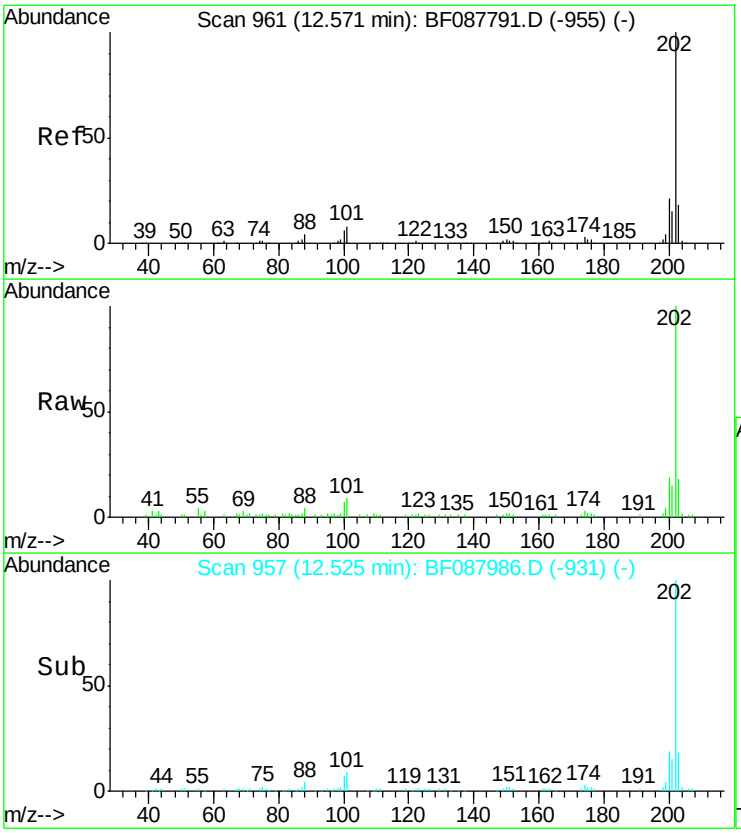
#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.24 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:248 Resp: 14157

Ion	Ratio	Lower	Upper
248	100		
250	202.9	77.1	115.7#
141	391.2	50.6	76.0#

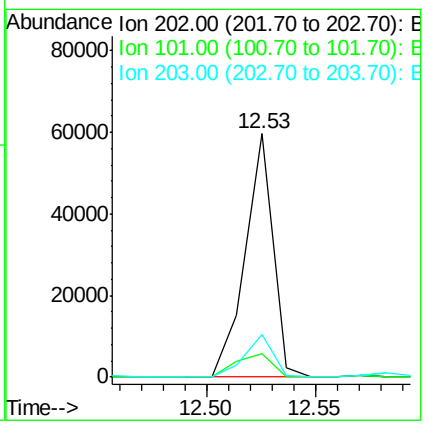


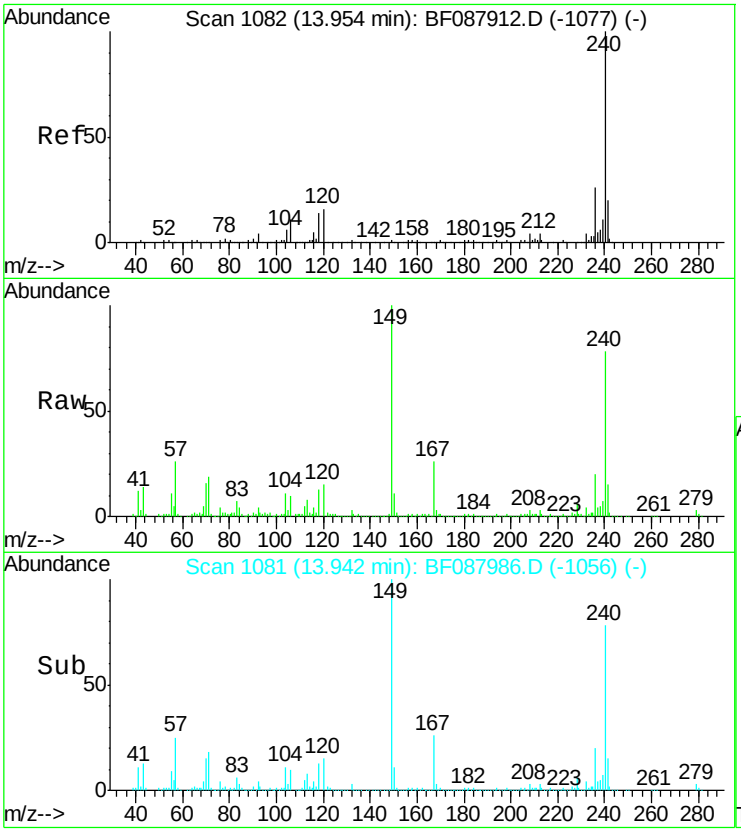


#74
Fluoranthene
Concen: 2.84 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:202 Resp: 52787

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.1
203	17.7	0.0	38.1



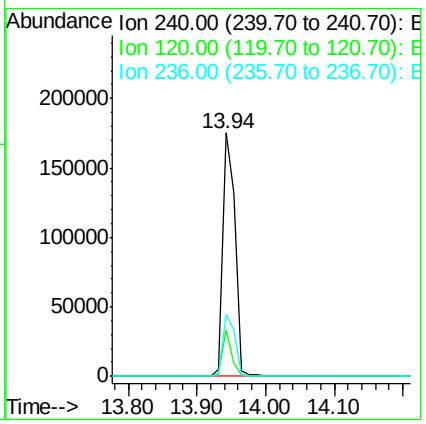


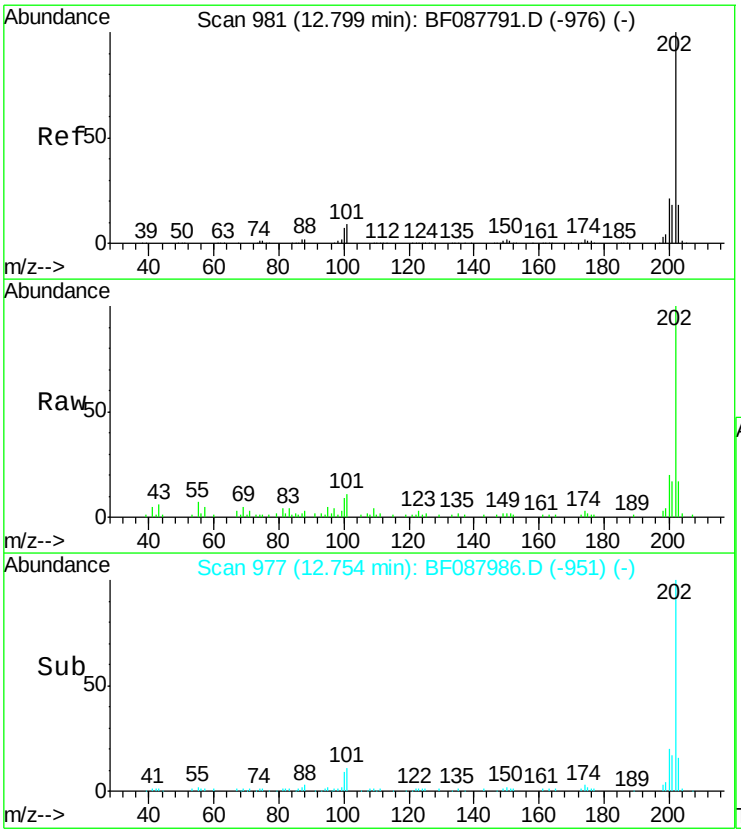
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:240 Resp: 221234

Ion	Ratio	Lower	Upper
240	100		
120	18.9	6.8	10.2#
236	25.2	20.2	30.2

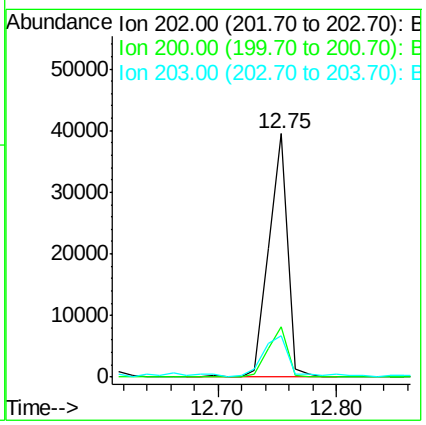


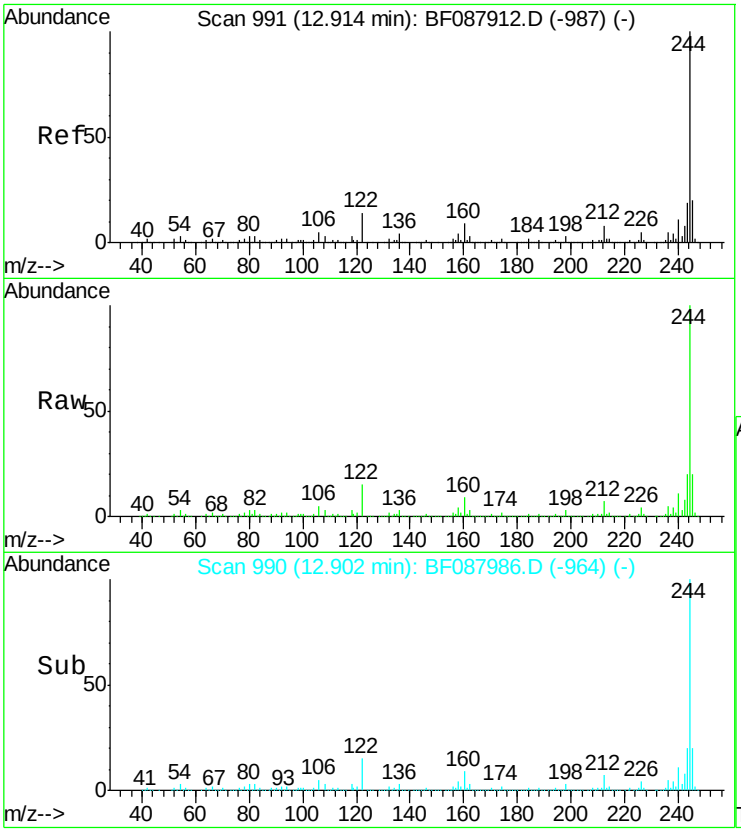


#77
Pyrene
Concen: 2.65 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:202 Resp: 43543

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.3	14.5	21.7



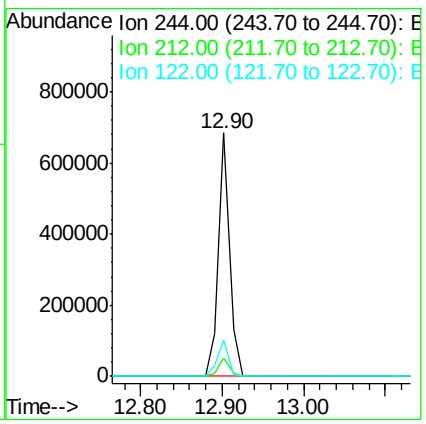


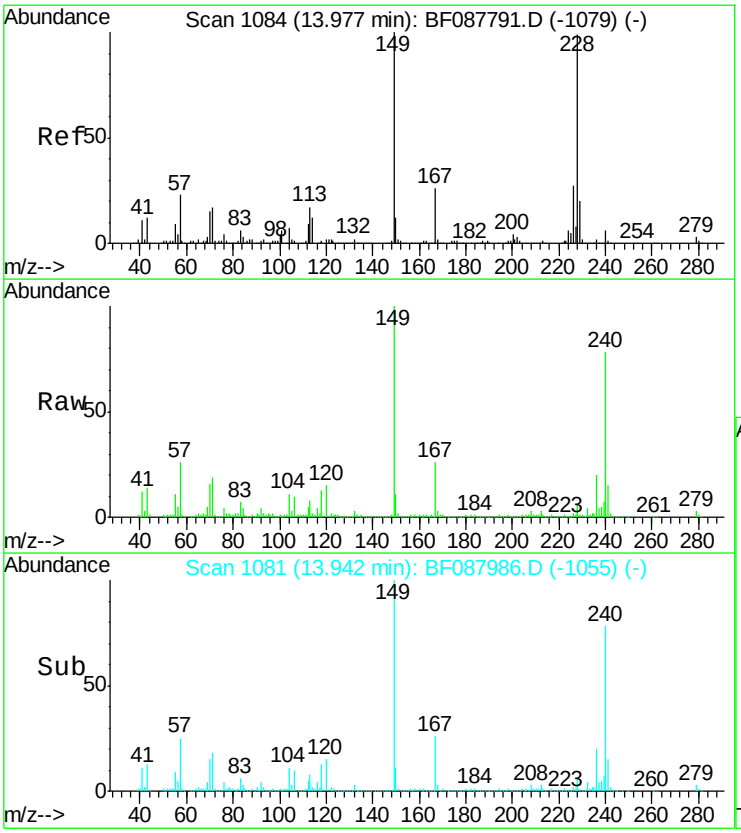
#78
Terphenyl-d14
Concen: 66.67 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:244 Resp: 648209

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.9	11.2	16.8

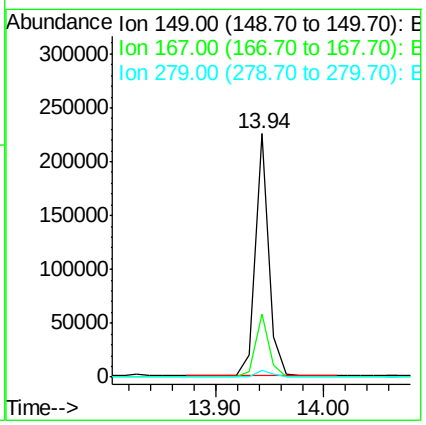


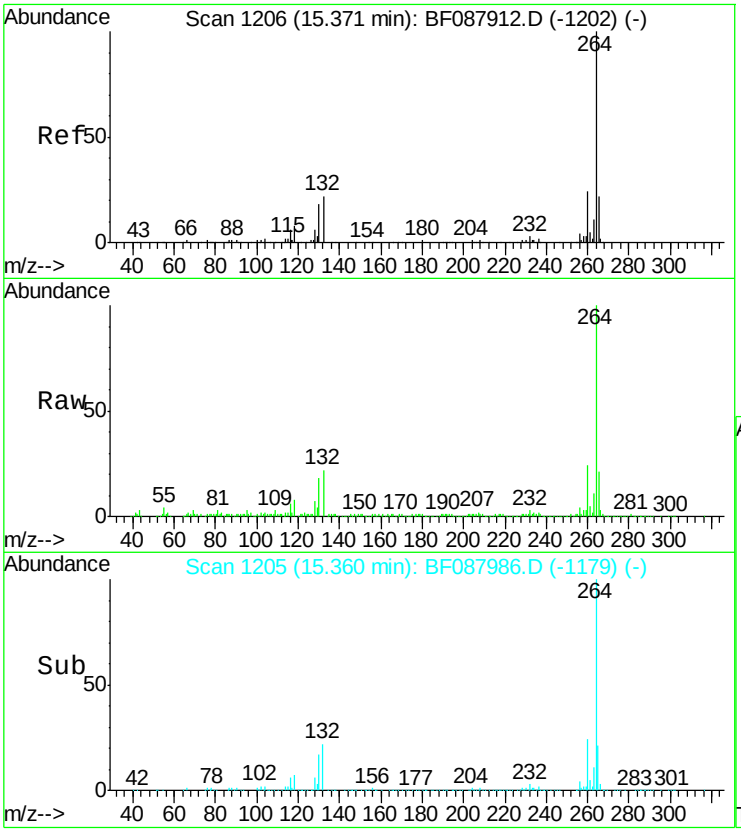


#83
Bis(2-ethylhexyl)phthalate
Concen: 21.84 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:149 Resp: 192993

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.5	30.7
279	2.8	2.0	3.0



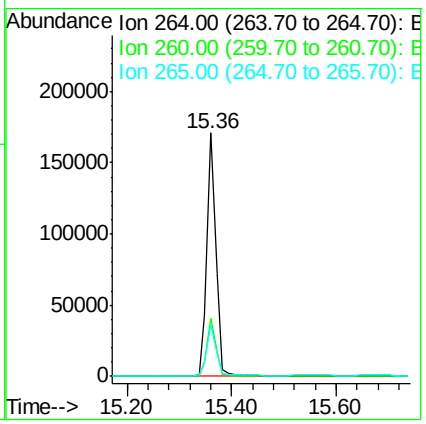


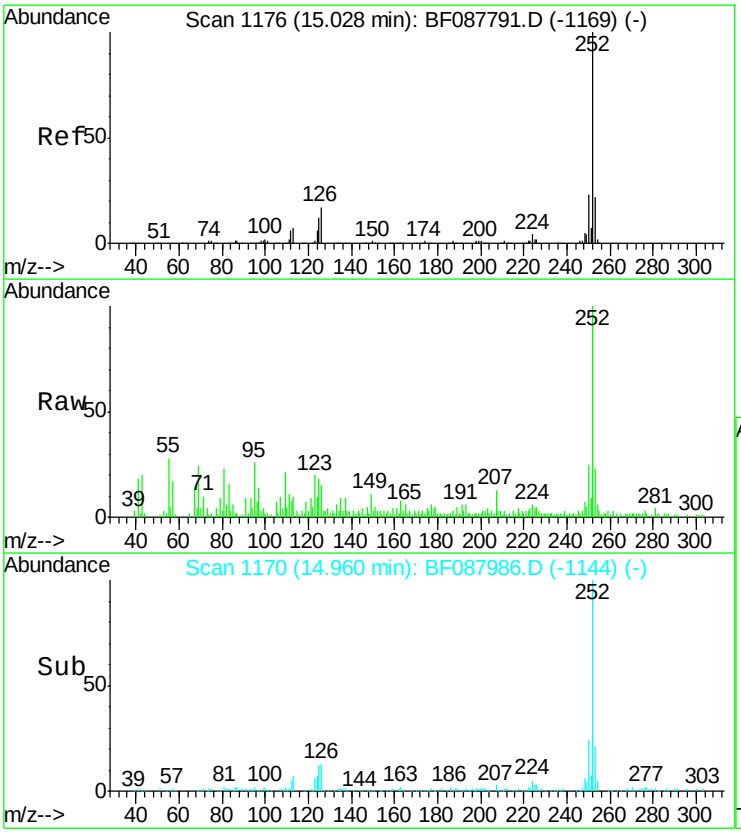
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:264 Resp: 209076

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	16.9	25.3

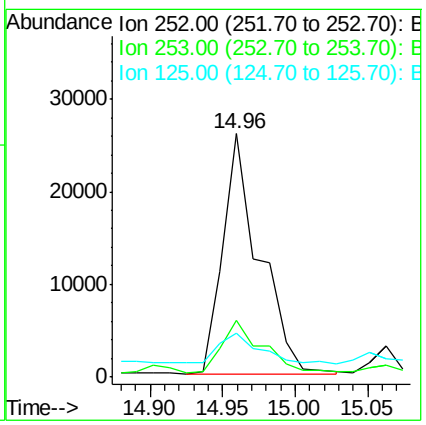


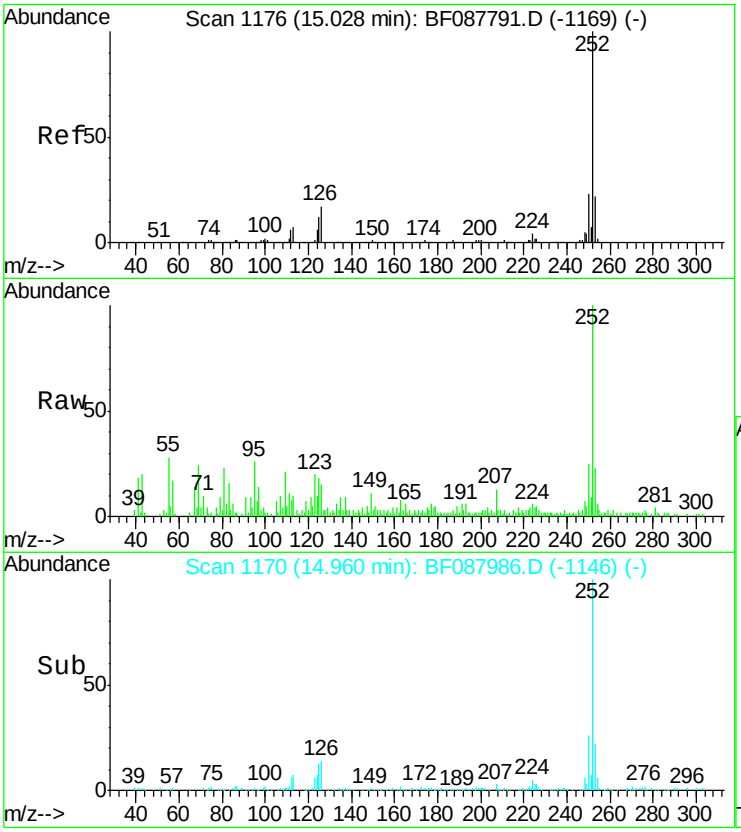


#87
Benzo(b)fluoranthene
Concen: 3.14 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:252 Resp: 45693

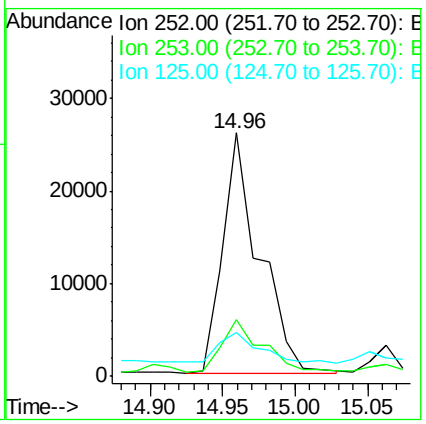
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	18.3	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 4.16 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Tgt Ion:252 Resp: 45693

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	18.3	11.2	16.8#