Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087984.D
Acq On : 13 Jun 2016 15:35
Operator : UM/SJ
Sample : H3449-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22-VE-PILE-WALL(0-2)

Quant Time: Jun 13 17:21:43 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	115889	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	490203	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	215831	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	372498	20.00	ng		0.00
75) Chrysene-d12	13.94	240	253200	20.00	ng		-0.01
86) Perylene-d12	15.36	264	236420	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	805083	118.76	ng		0.01
7) Phenol-d6	6.43	99	900515	109.61	ng		0.00
23) Nitrobenzene-d5	7.36	82	563703	67.15	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	224030	98.30	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1034692	74.63	ng		0.00
78) Terphenyl-d14	12.90	244	718572	64.58	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.44	94	8076	Below Cal		#	77
19) n-Nitroso-di-n-propylamine	7.36	70	74136	14.11	ng	#	72
25) Isophorone	7.36	82	418440	26.91	ng	#	65
45) 1,1'-Biphenyl	9.26	154	318	Below Cal		#	43
49) Dimethylphthalate	9.55	163	220536	14.11	ng		100
56) 2,4-Dinitrotoluene	9.84	165	27234	5.92	ng	#	37
57) Fluorene	10.38	166	366	Below Cal		#	75
64) 4,6-Dinitro-2-methylphenol	10.63	198	512	2.37	ng	#	39
66) 4-Bromophenyl-phenylether	10.63	248	14709	3.68	ng	#	1

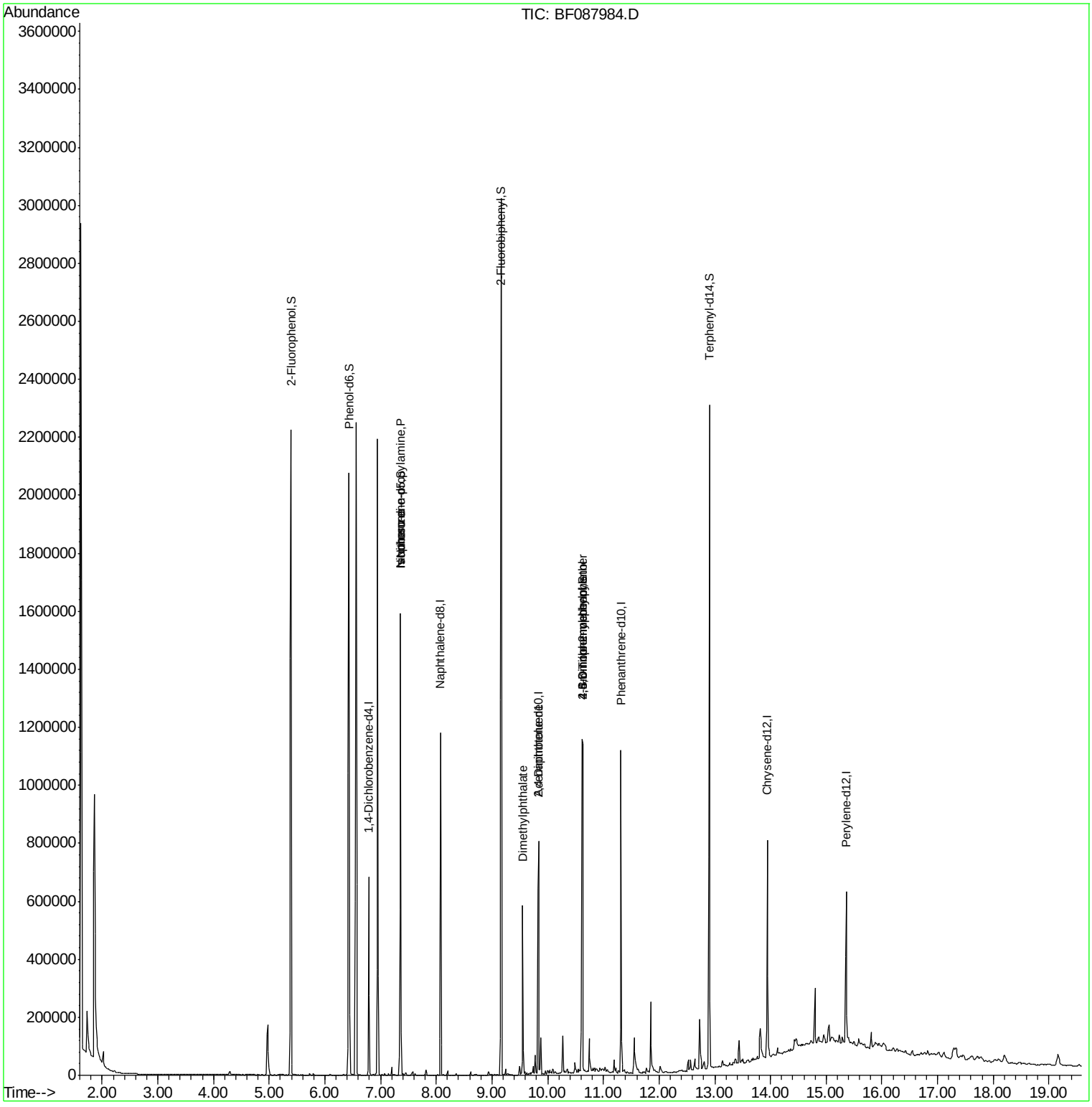
(#) = qualifier out of range (m) = manual integration (+) = signals summed

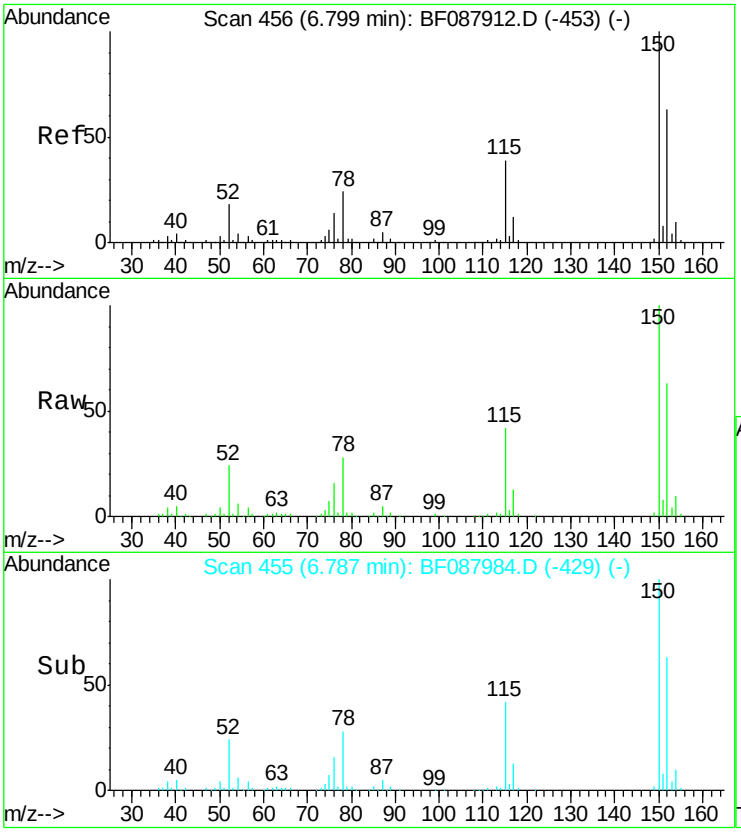
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087984.D
Acq On : 13 Jun 2016 15:35
Operator : UM/SJ
Sample : H3449-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 13 17:21:43 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



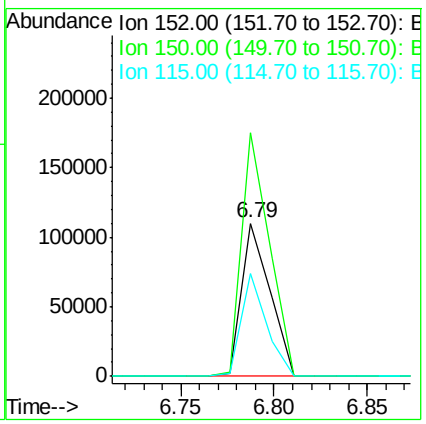


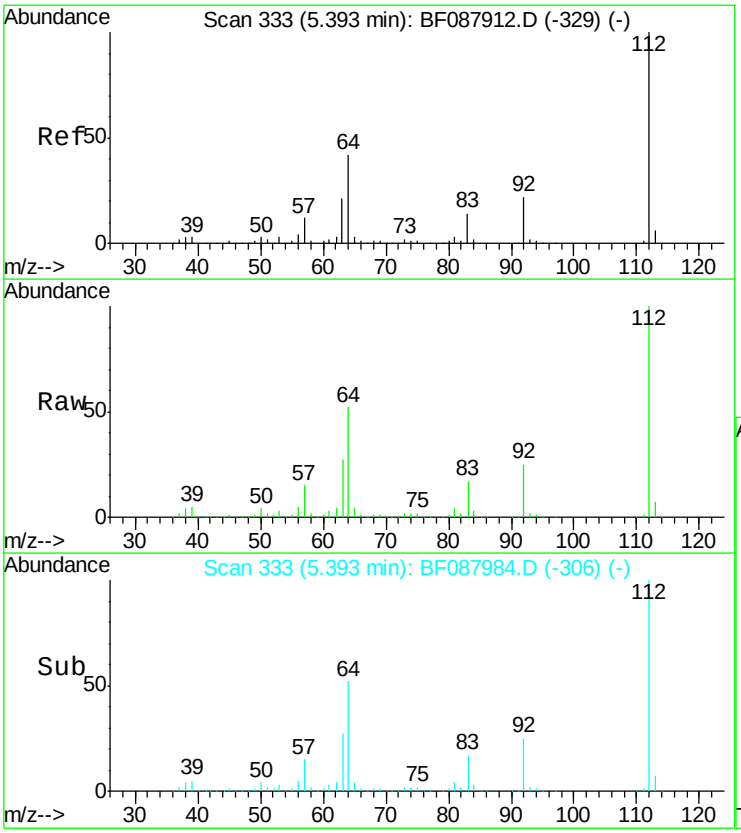
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:152 Resp: 115889

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	67.3	39.6	59.4#

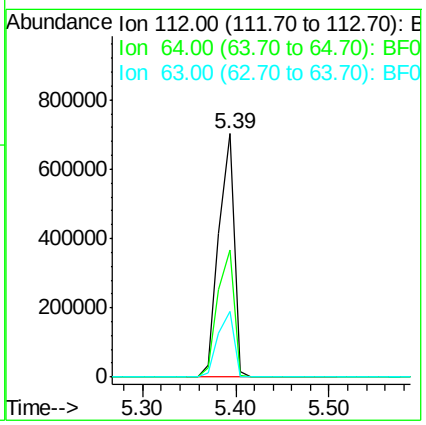


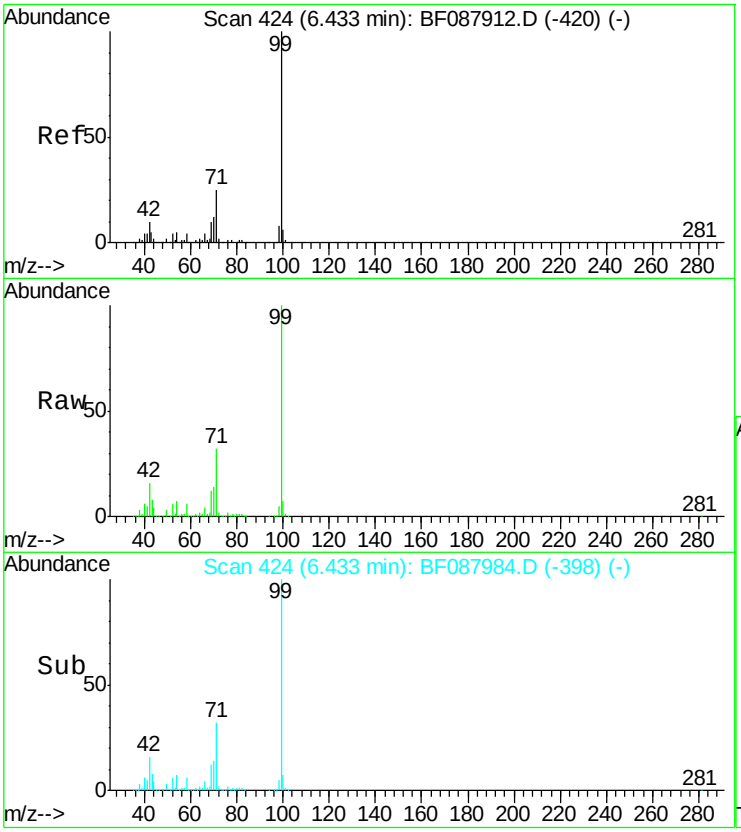


#5
2-Fluorophenol
Concen: 118.76 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:112 Resp: 805083

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.2	63.2
63	26.8	21.8	32.8



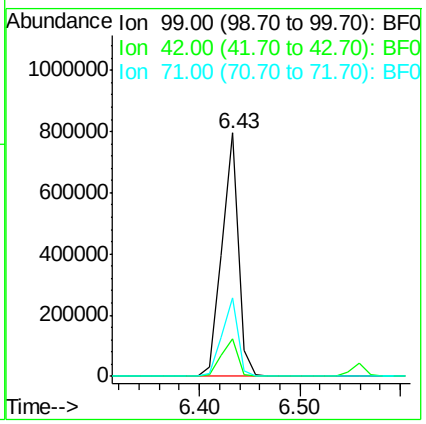


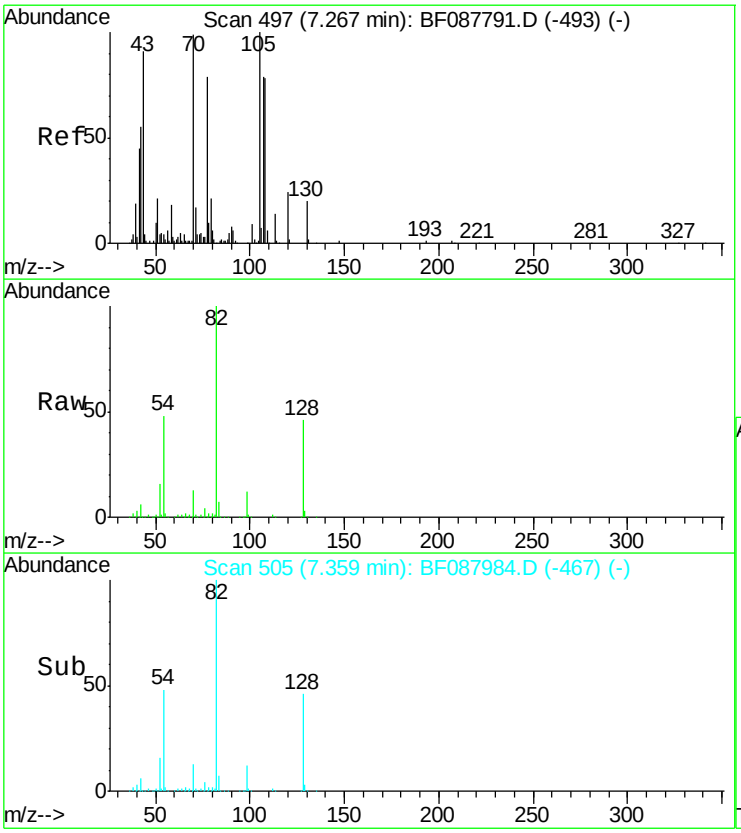
#7
Phenol-d6
Concen: 109.61 ng
RT: 6.43 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion: 99 Resp: 900515

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	32.3	23.4	35.0

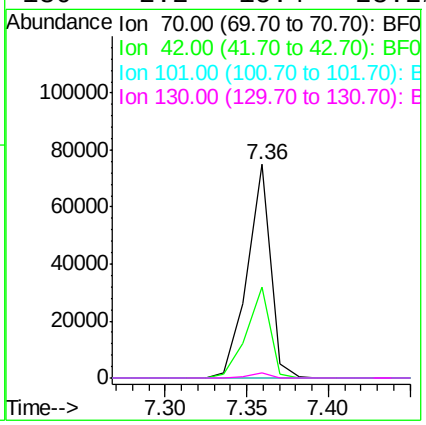


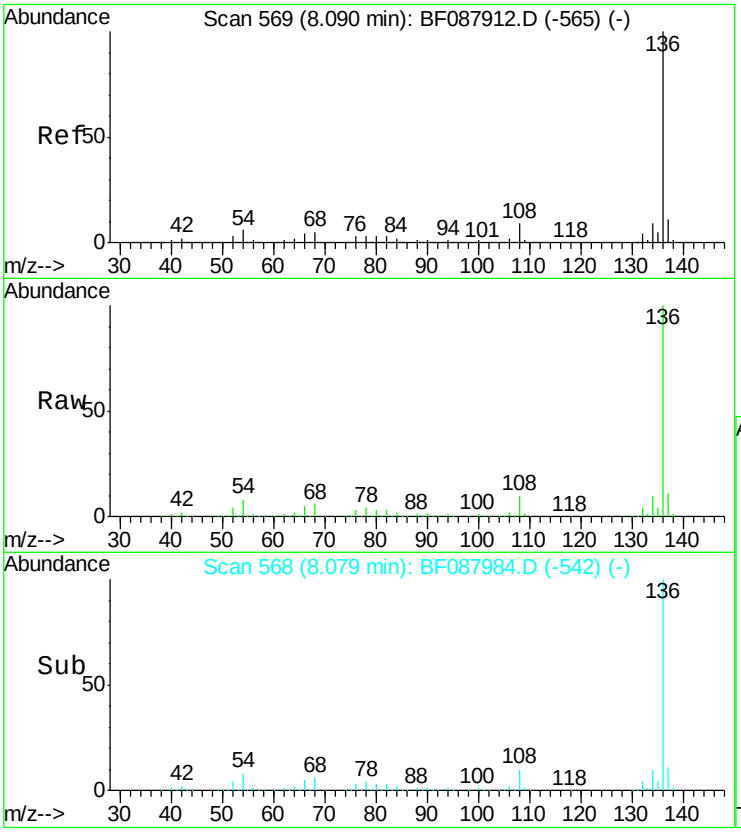


#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.14 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion: 70 Resp: 74136

Ion	Ratio	Lower	Upper
70	100		
42	42.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



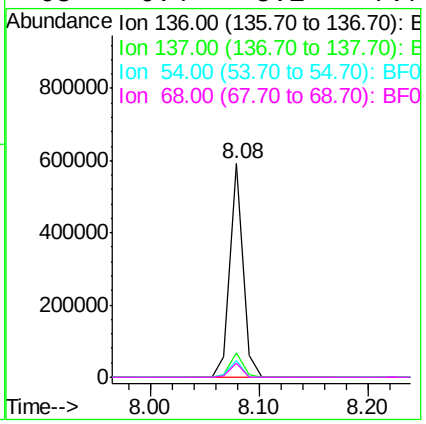


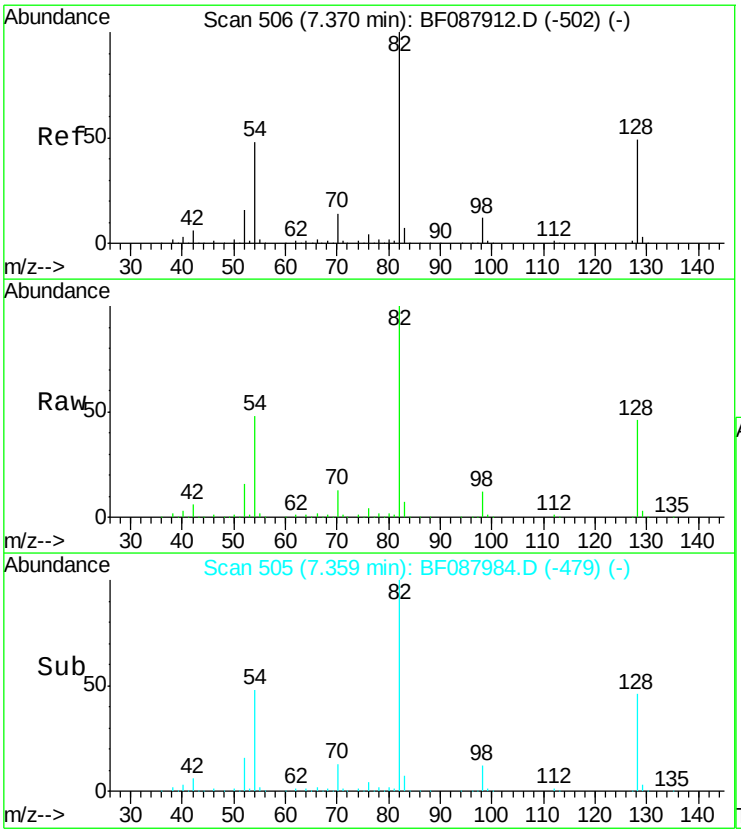
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:136 Resp: 490203

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.9	6.6	10.0
68	6.4	5.1	7.7

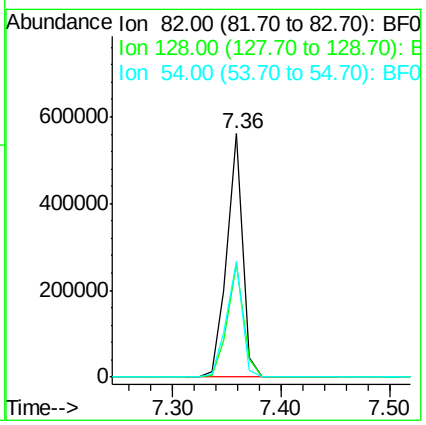


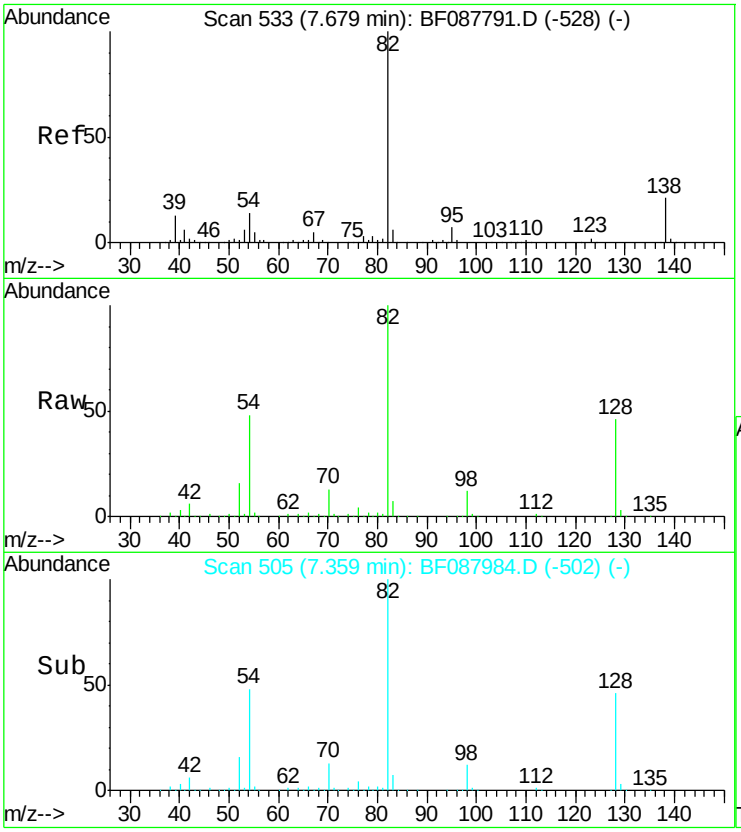


#23
Nitrobenzene-d5
Concen: 67.15 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion: 82 Resp: 563703

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.9	53.9
54	47.5	40.9	61.3



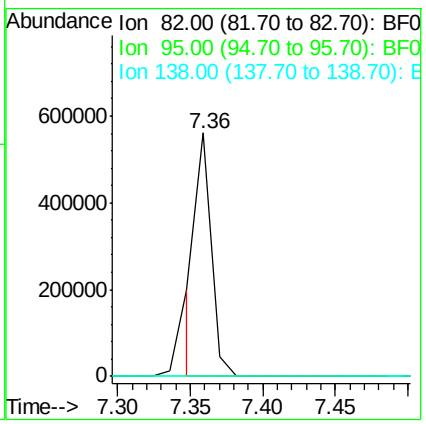


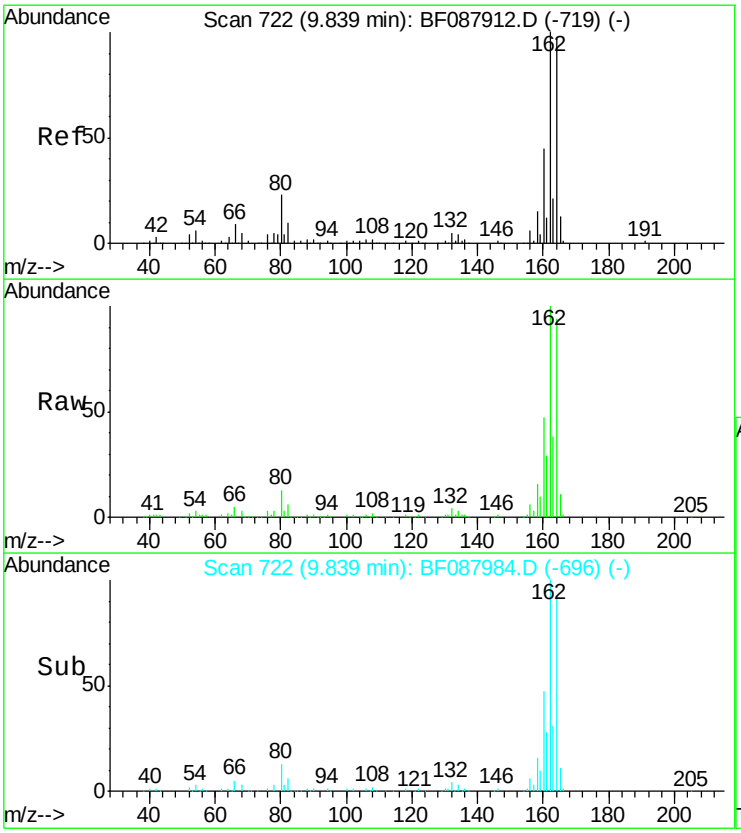
#25
Isophorone
Concen: 26.91 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.26 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion: 82 Resp: 418440

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

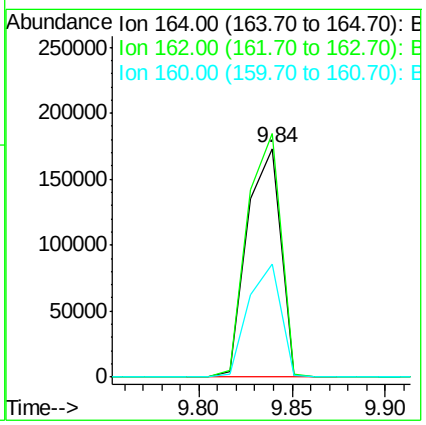


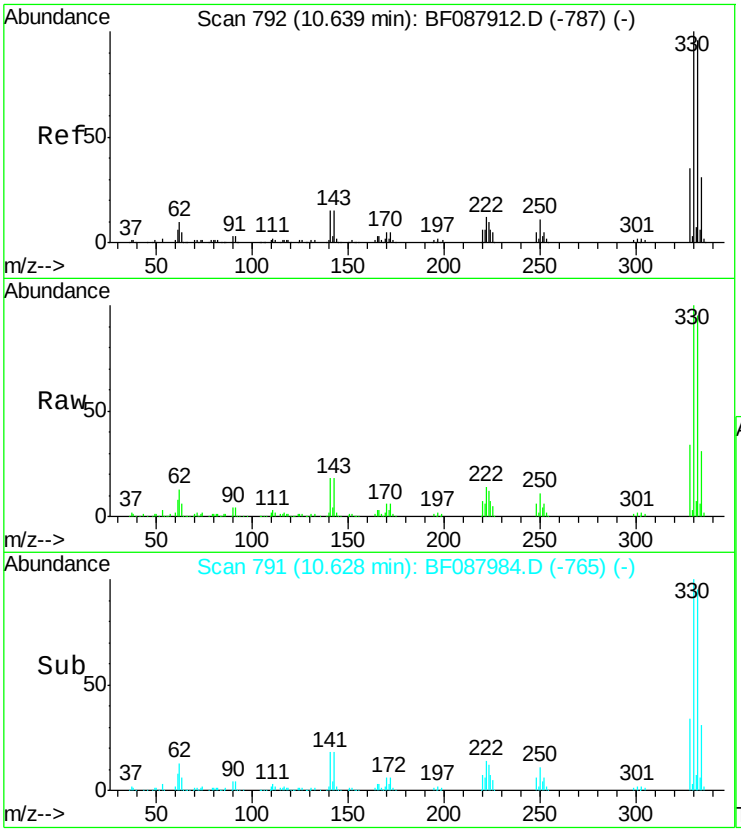


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:164 Resp: 215831

Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.4	128.2
160	49.5	39.5	59.3



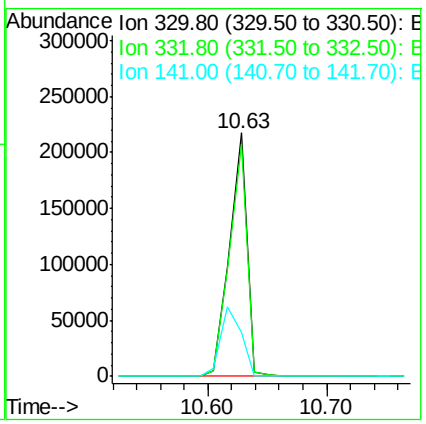


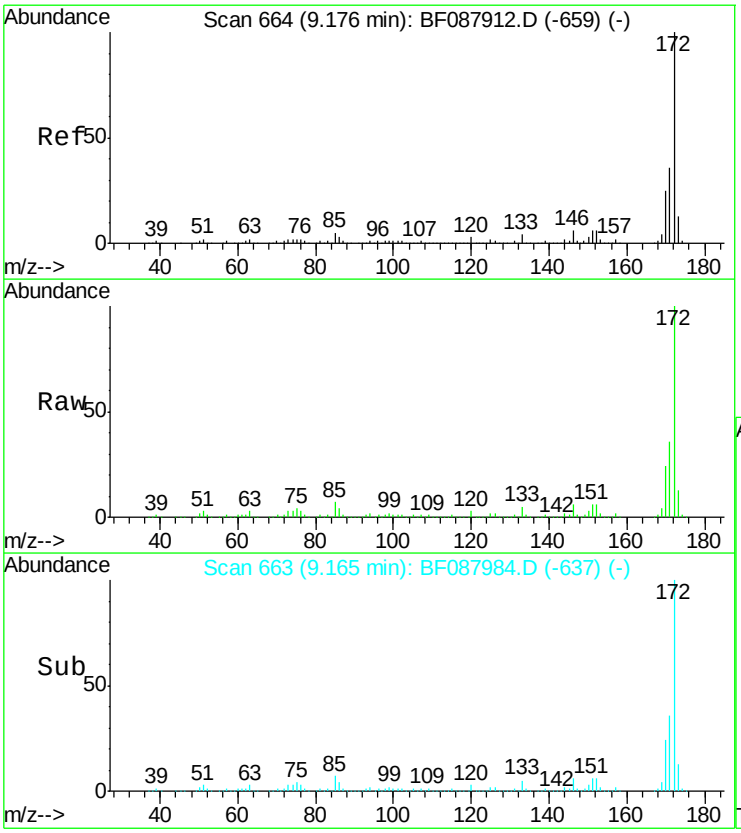
#41
2,4,6-Tribromophenol
Concen: 98.30 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:330 Resp: 224030

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	33.6	0.0	0.0#

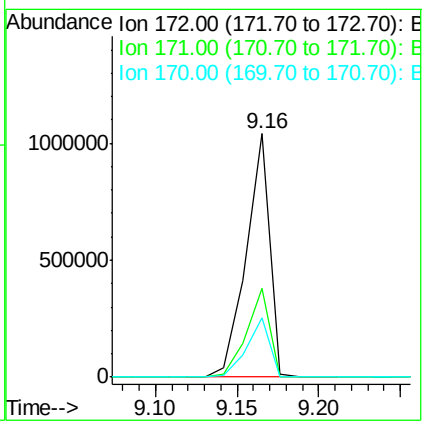


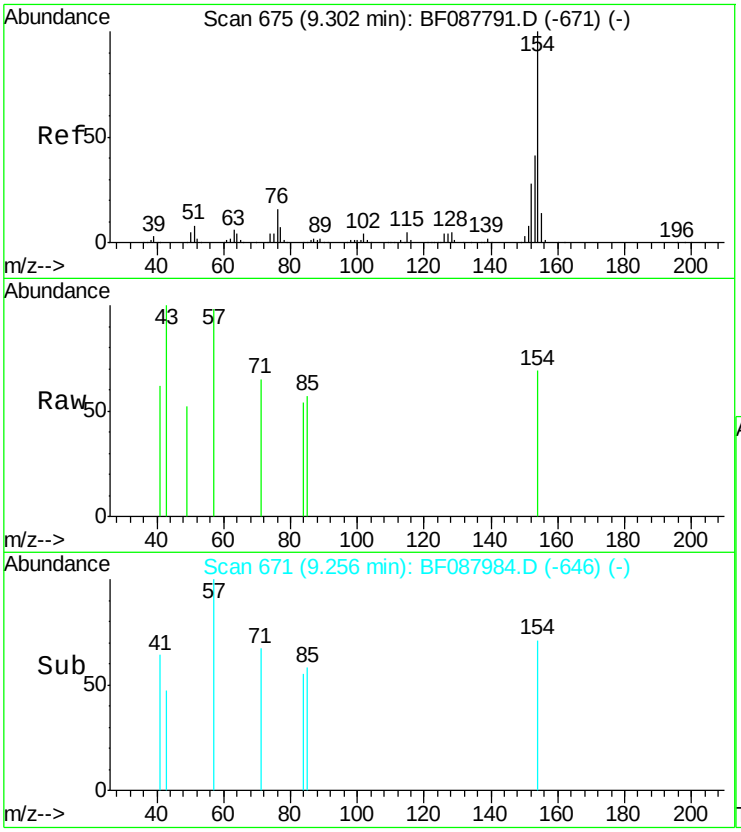


#44
2-Fluorobiphenyl
Concen: 74.63 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:172 Resp: 1034692

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.4	19.2	28.8



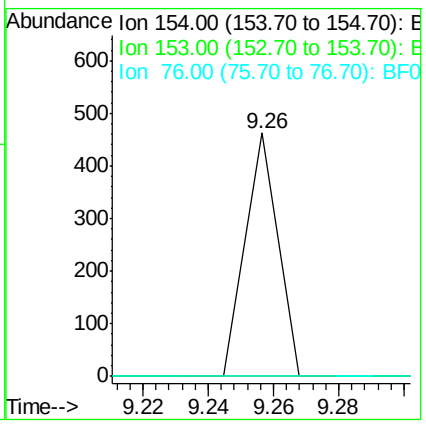


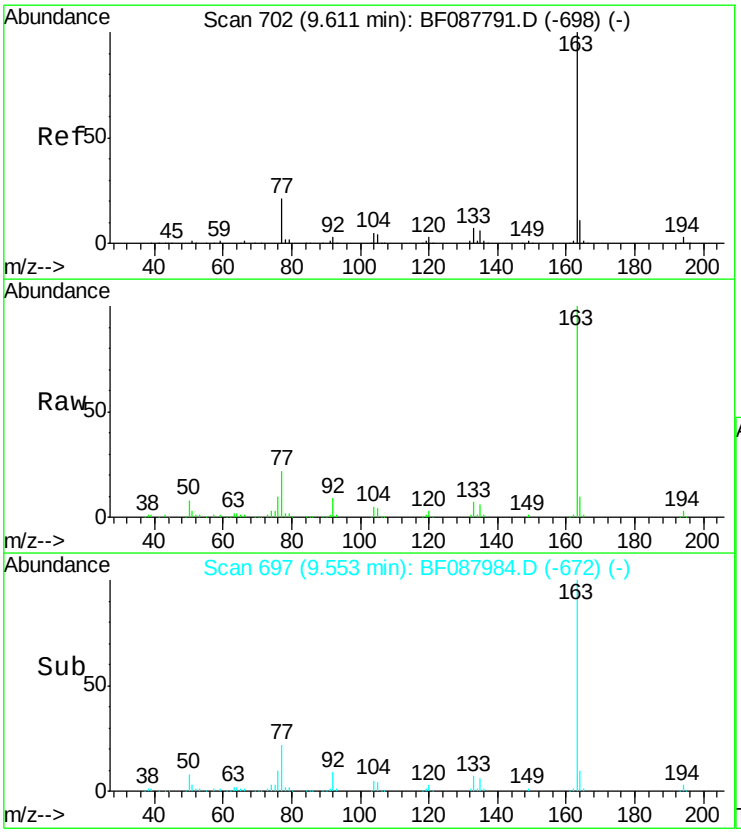
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:154 Resp: 318

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

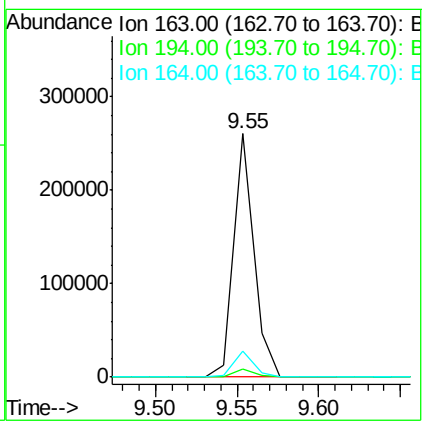


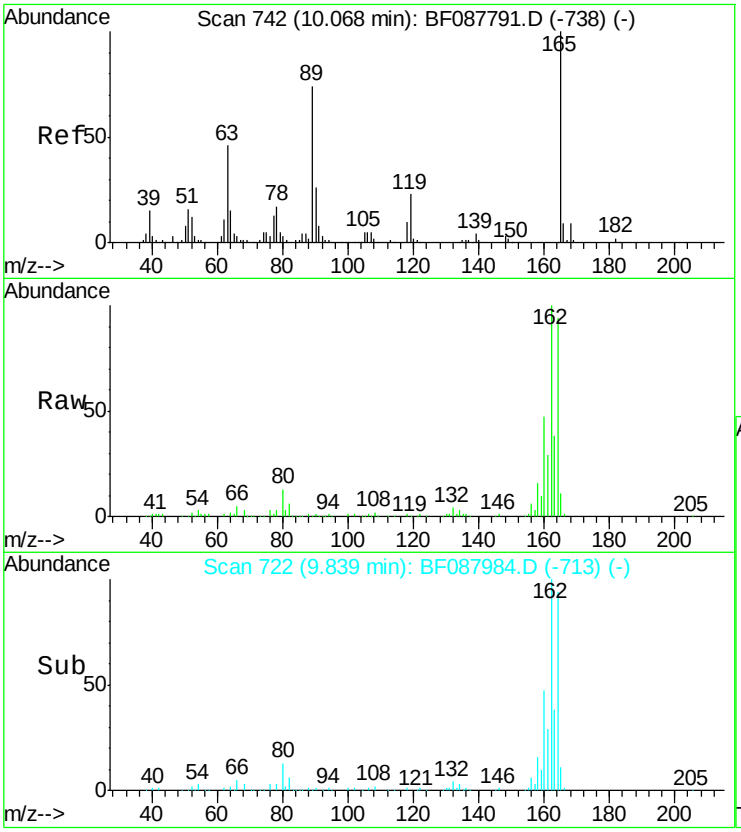


#49
Dimethylphthalate
Concen: 14.11 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:163 Resp: 220536

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.5	8.3	12.5



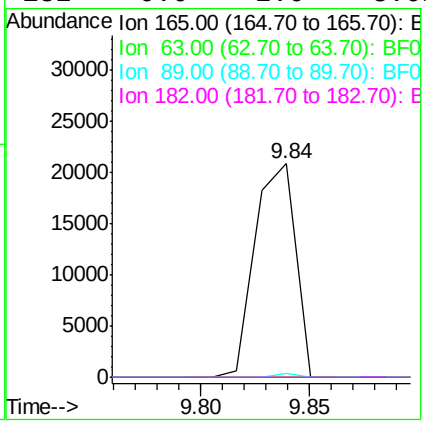


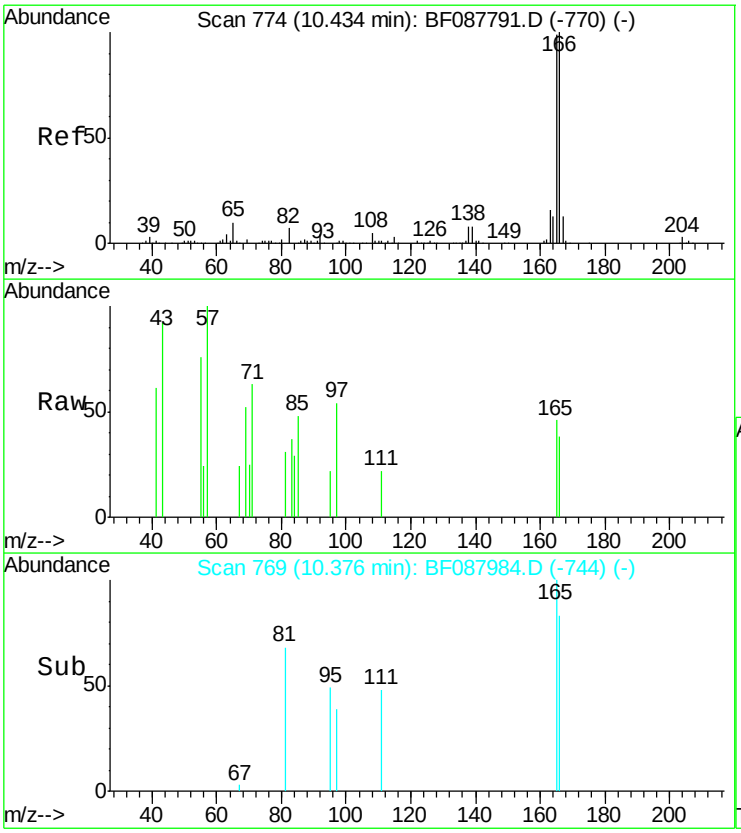
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:165 Resp: 27234

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

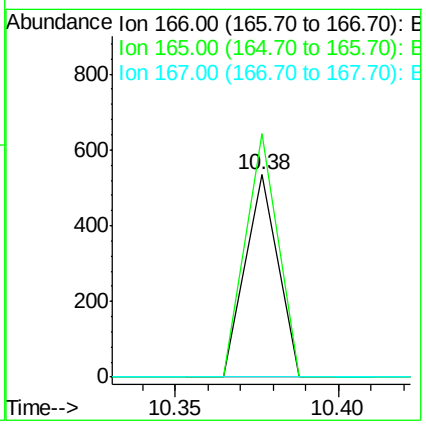


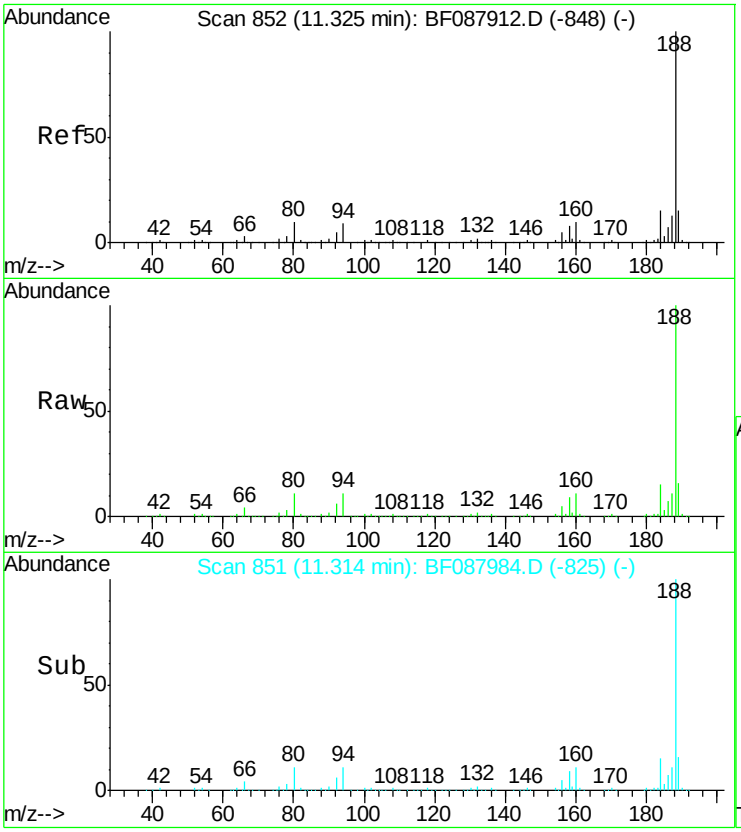


#57
Fluorene
Concen: Below Cal
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:166 Resp: 366

Ion	Ratio	Lower	Upper
166	100		
165	120.4	77.8	116.8#
167	0.0	11.2	16.8#



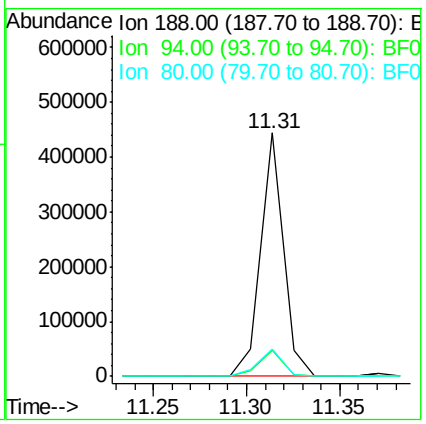


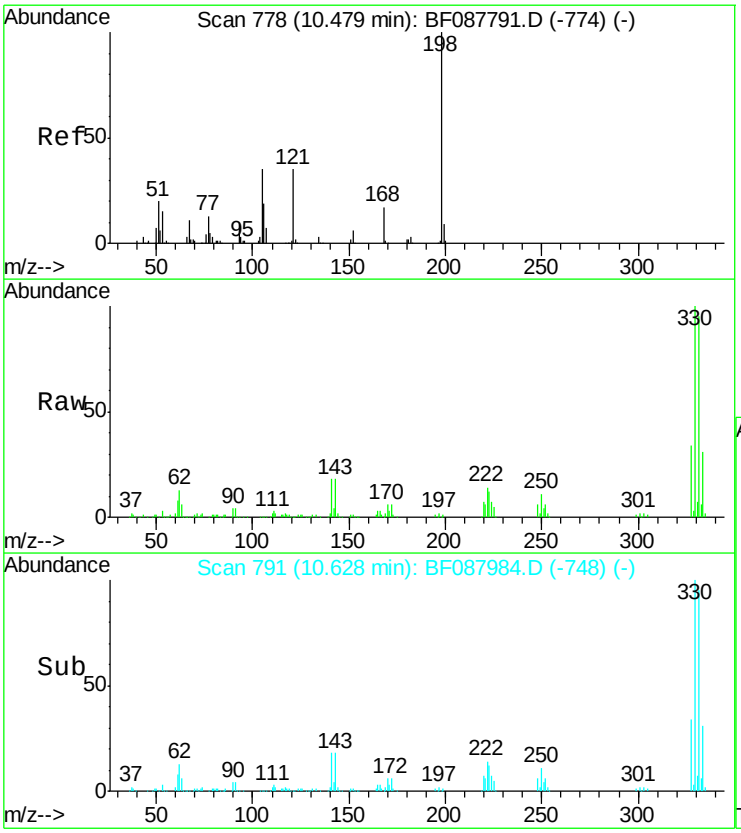
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:188 Resp: 372498

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.6
80	11.4	10.0	15.0

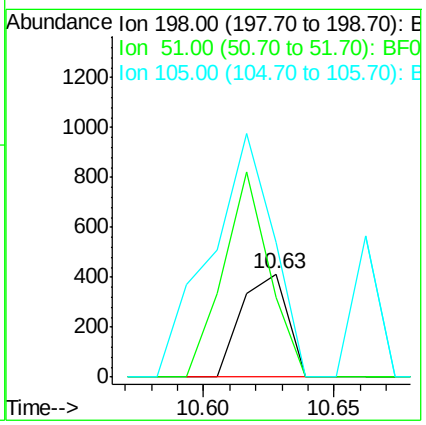


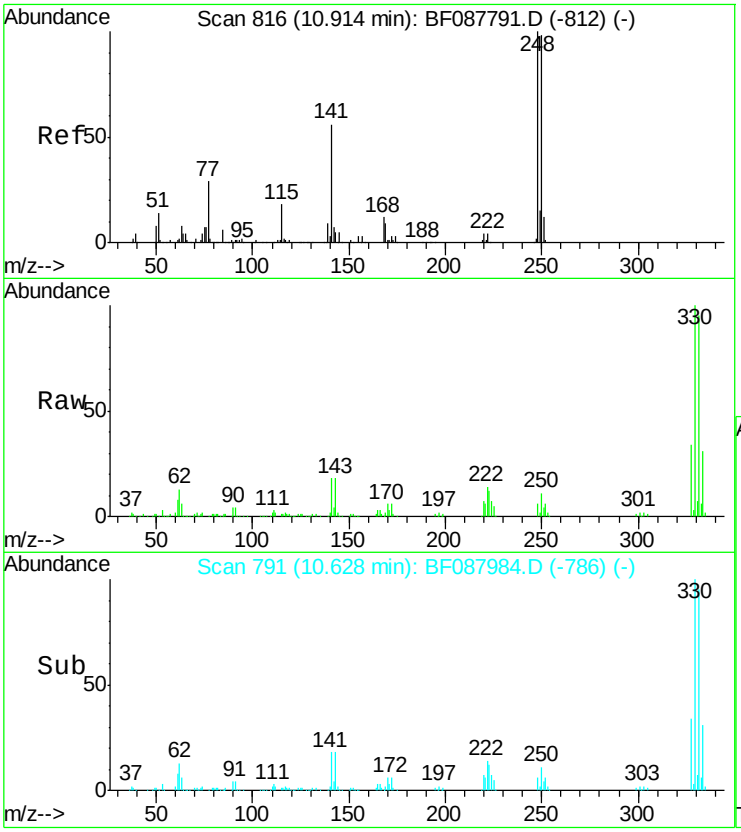


#64
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:198 Resp: 512

Ion	Ratio	Lower	Upper
198	100		
51	77.2	39.6	79.6
105	130.5	36.6	76.6#



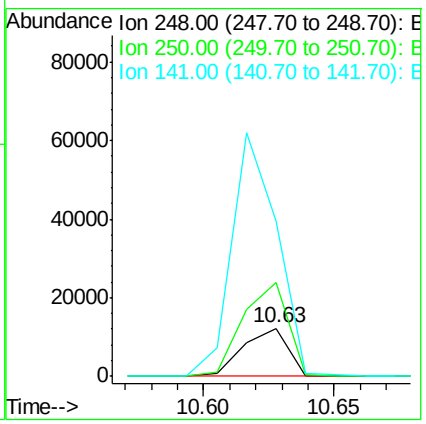


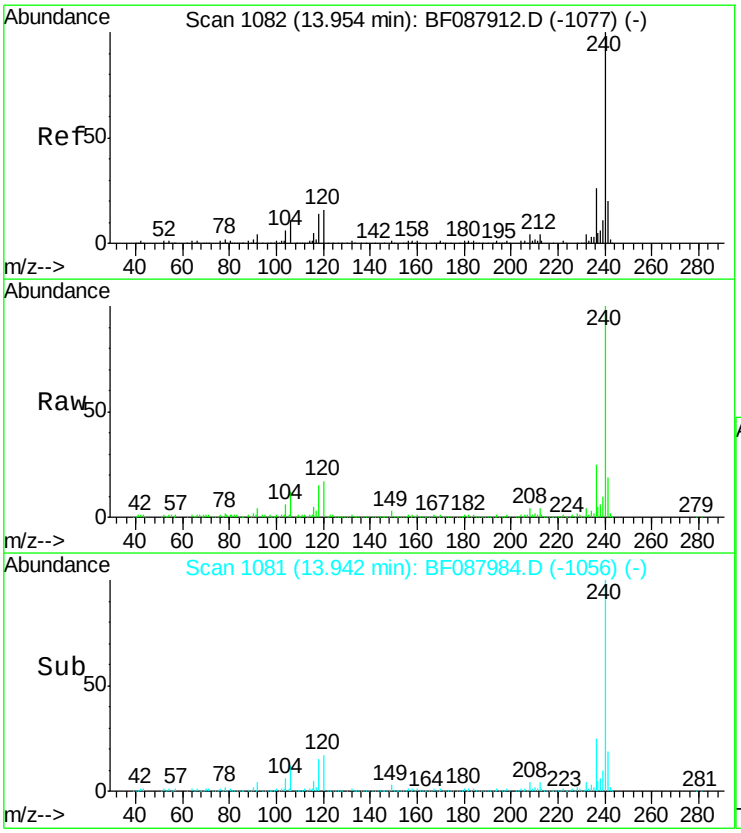
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.24 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:248 Resp: 14709

Ion	Ratio	Lower	Upper
248	100		
250	195.4	77.1	115.7#
141	322.7	50.6	76.0#

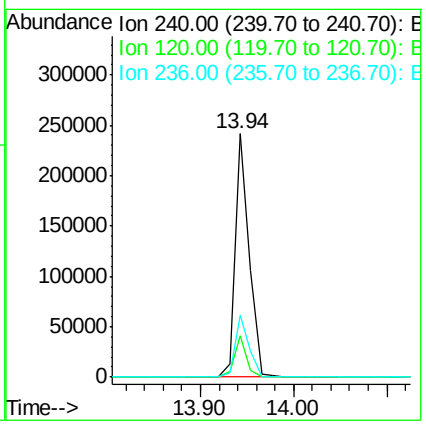


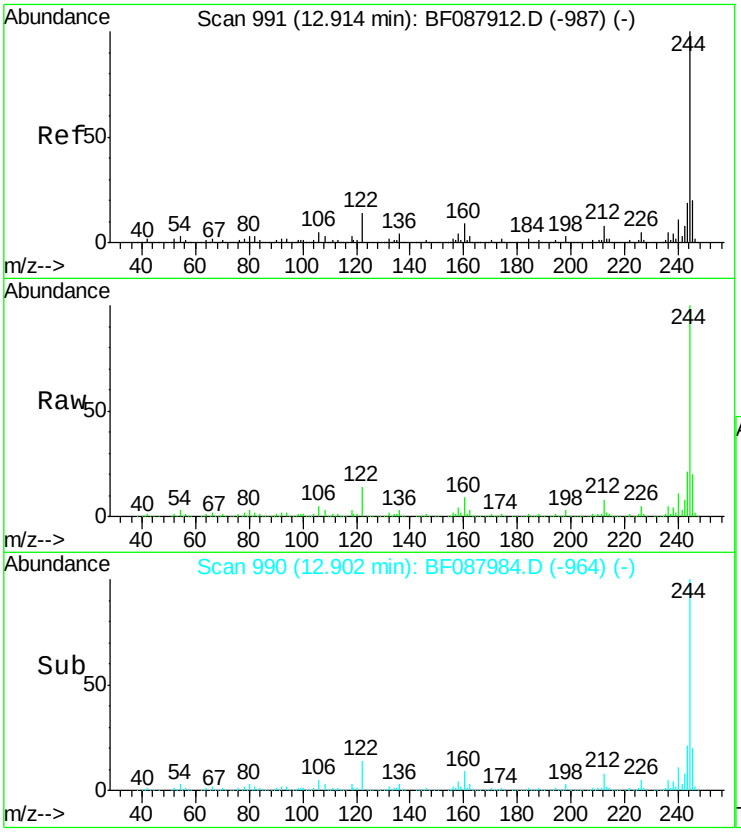


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:240 Resp: 253200

Ion	Ratio	Lower	Upper
240	100		
120	16.8	6.8	10.2#
236	25.4	20.2	30.2



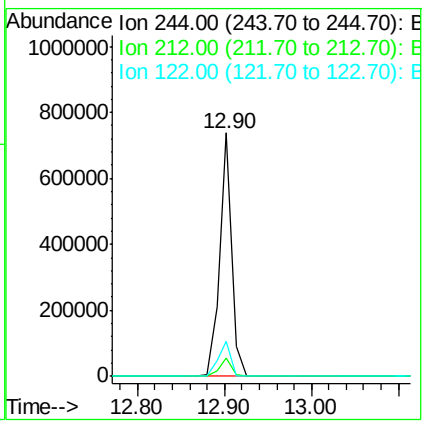


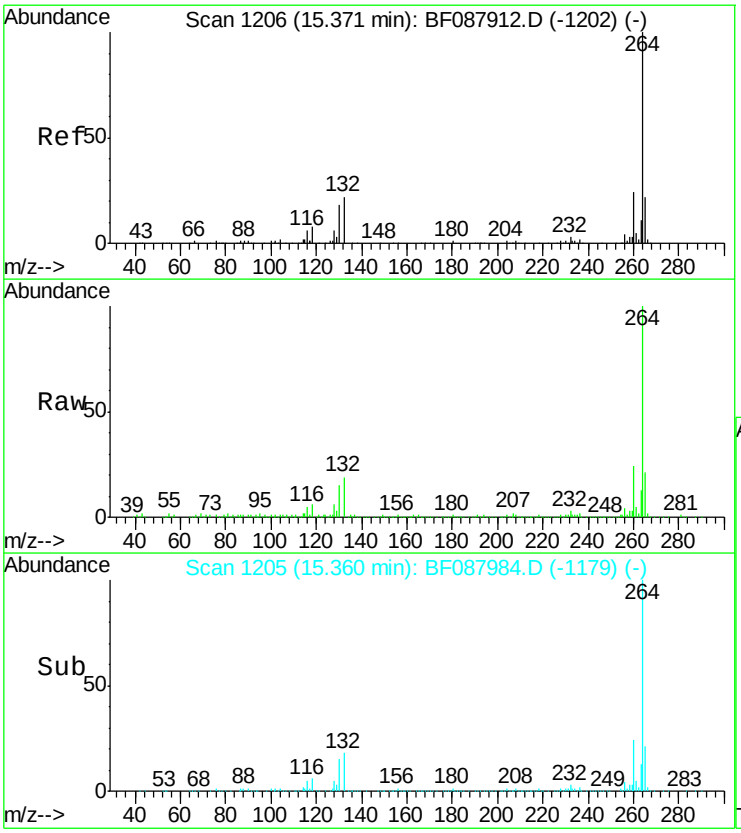
#78
Terphenyl-d14
Concen: 64.58 ng
RT: 12.90 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

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

Tgt Ion:244 Resp: 718572

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.4	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:264 Resp: 236420

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3