Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087967.D
Acq On : 13 Jun 2016 00:24
Operator : UM/SJ
Sample : H3473-07
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1045-(0-4)

Quant Time: Jun 13 05:03:48 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 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115615	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	470171	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	230912	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	428402	20.00	ng	0.00
75) Chrysene-d12	13.95	240	308954	20.00	ng	-0.01
86) Perylene-d12	15.36	264	213248	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	640468	94.70	ng	0.01
7) Phenol-d6	6.44	99	922425	112.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	635498	78.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	227665	93.38	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1020193	68.32	ng	-0.01
78) Terphenyl-d14	12.91	244	1014753	74.74	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.57	94	1365	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	81062	15.46	ng	# 69
45) 1,1'-Biphenyl	9.27	154	873	Below Cal		84
50) 2,6-Dinitrotoluene	9.84	165	29252	7.64	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	29255	5.94	ng	# 37
57) Fluorene	10.39	166	1402	Below Cal	#	92
64) 4,6-Dinitro-2-methylphenol	10.63	198	406	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15191	3.31	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087967.D
Acq On : 13 Jun 2016 00:24
Operator : UM/SJ
Sample : H3473-07
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
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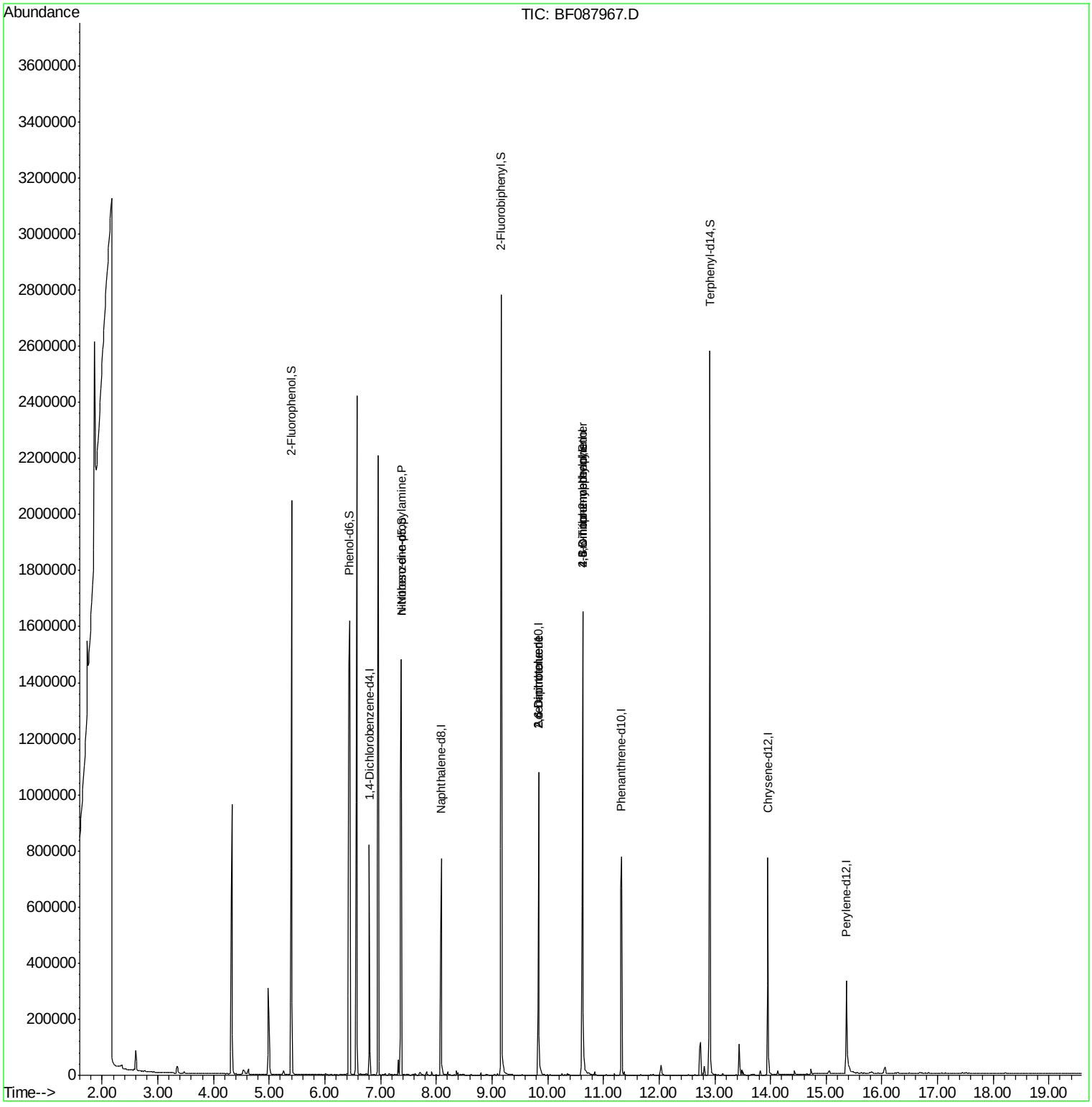
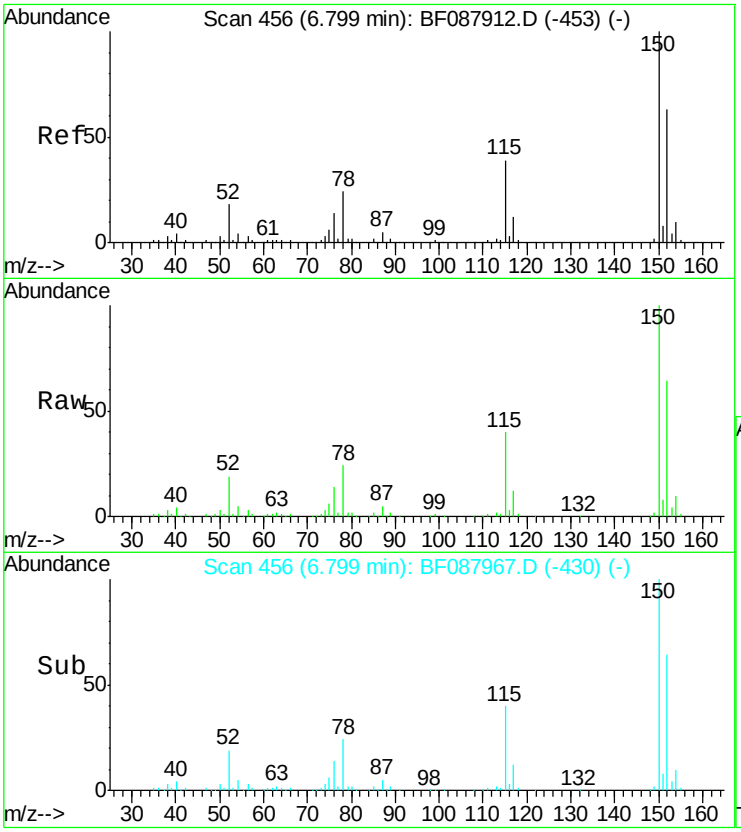


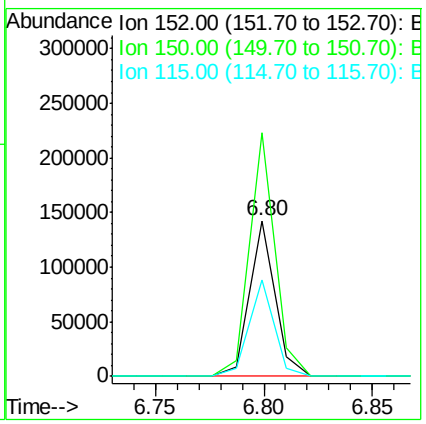


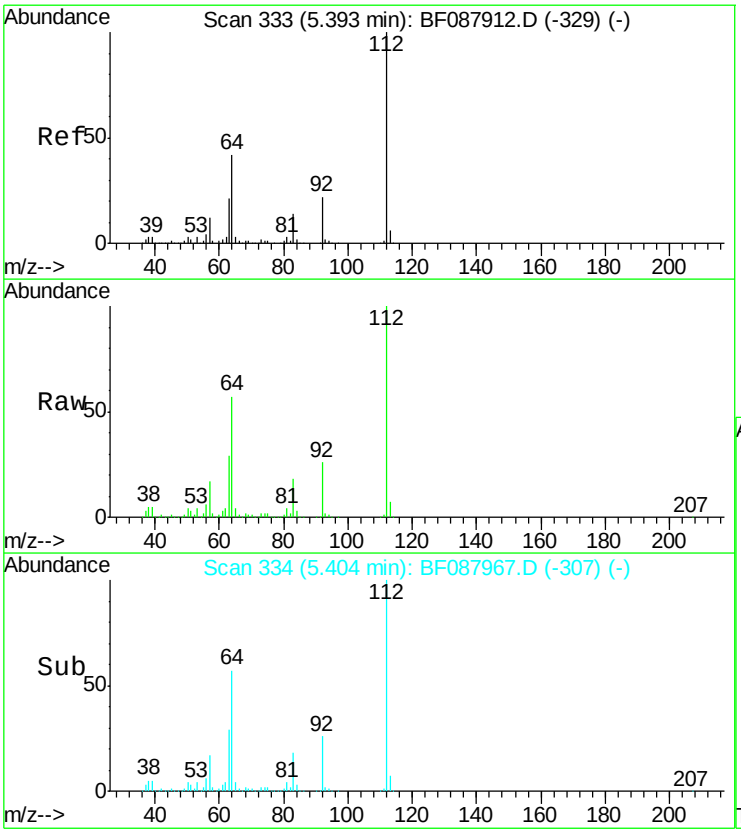
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion:152 Resp: 115615

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	62.2	39.6	59.4#

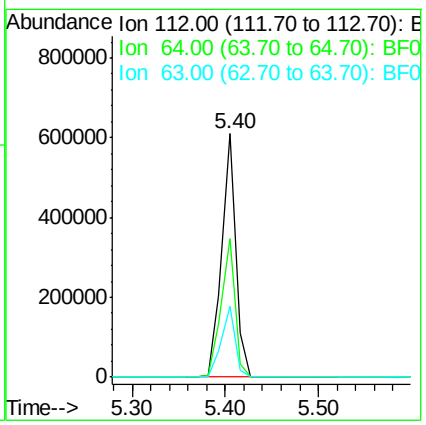


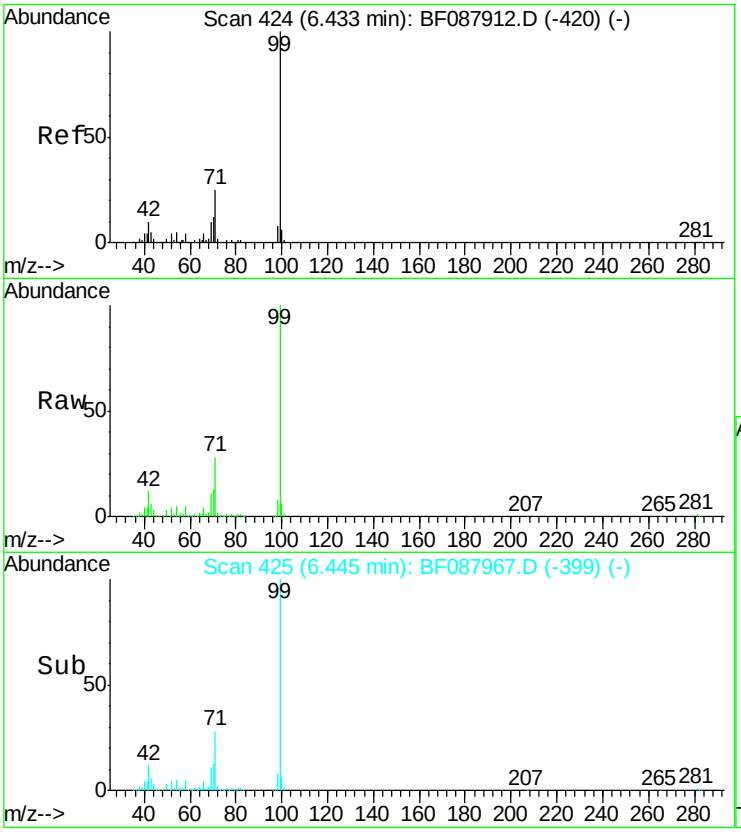


#5
2-Fluorophenol
Concen: 94.70 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:112 Resp: 640468

Ion	Ratio	Lower	Upper
112	100		
64	56.9	42.2	63.2
63	29.2	21.8	32.8



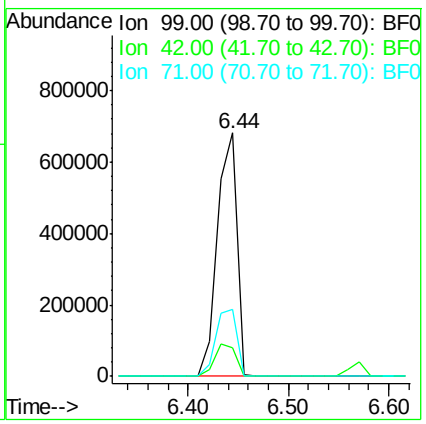


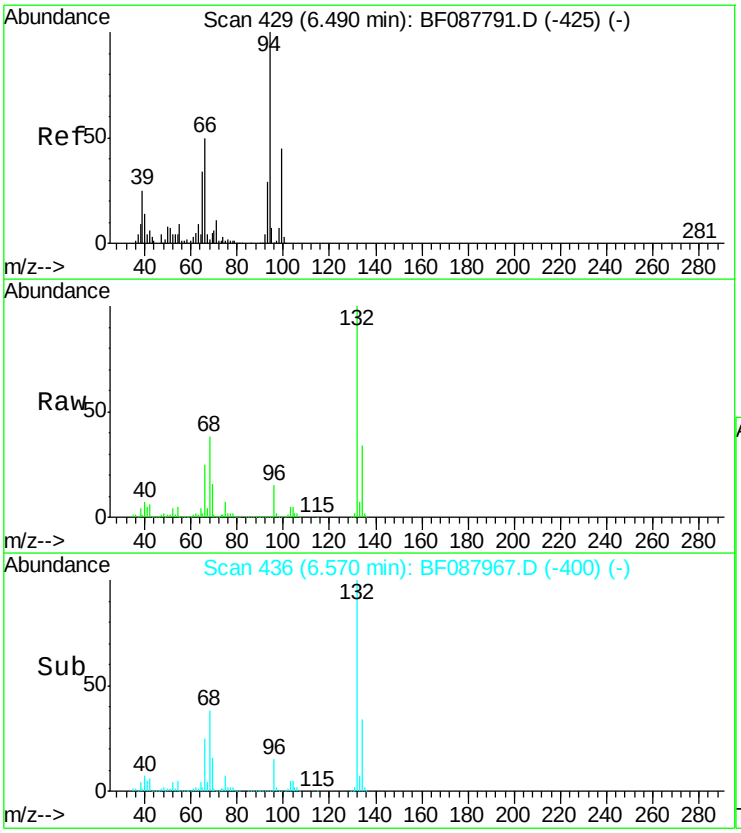
#7
Phenol-d6
Concen: 112.54 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion: 99 Resp: 922425

Ion	Ratio	Lower	Upper
99	100		
42	11.6	12.2	18.2#
71	27.6	23.4	35.0

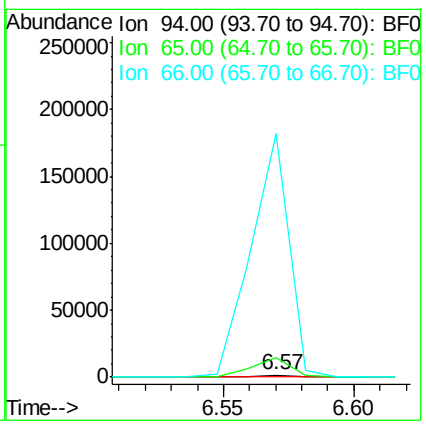


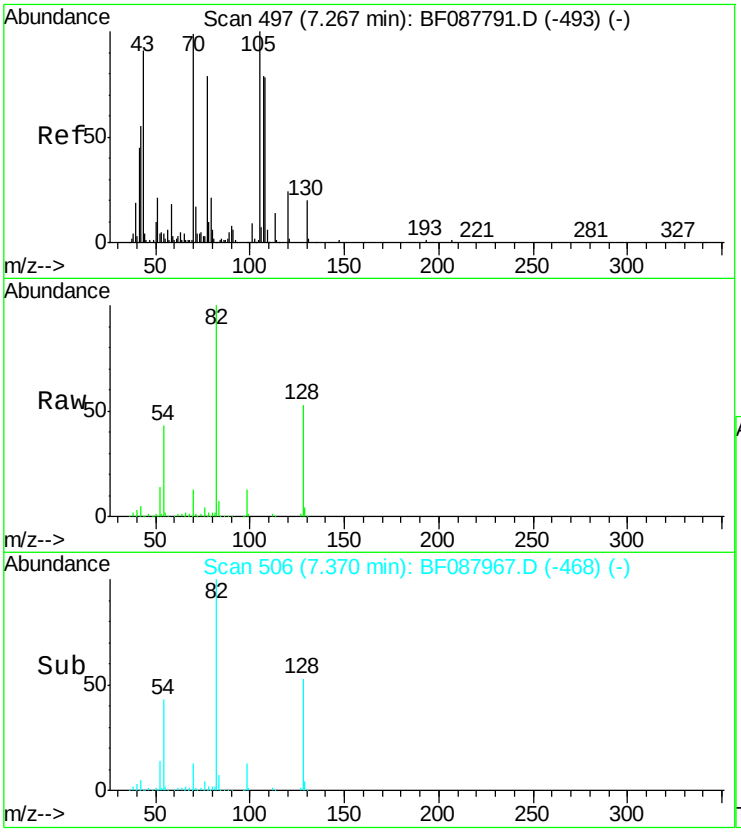


#10
Phenol
Concen: Below Cal
RT: 6.57 min Scan# 436
Delta R.T. 0.11 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion: 94 Resp: 1365

Ion	Ratio	Lower	Upper
94	100		
65	1020.3	5.9	45.9#
66	12501.1	14.0	54.0#



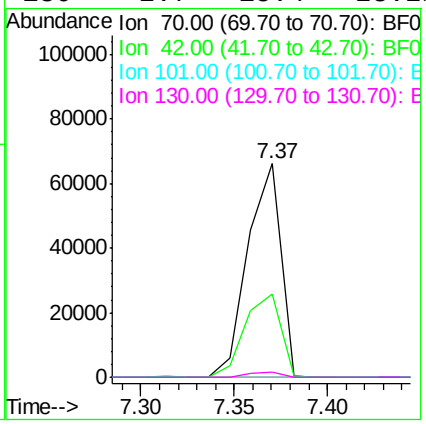


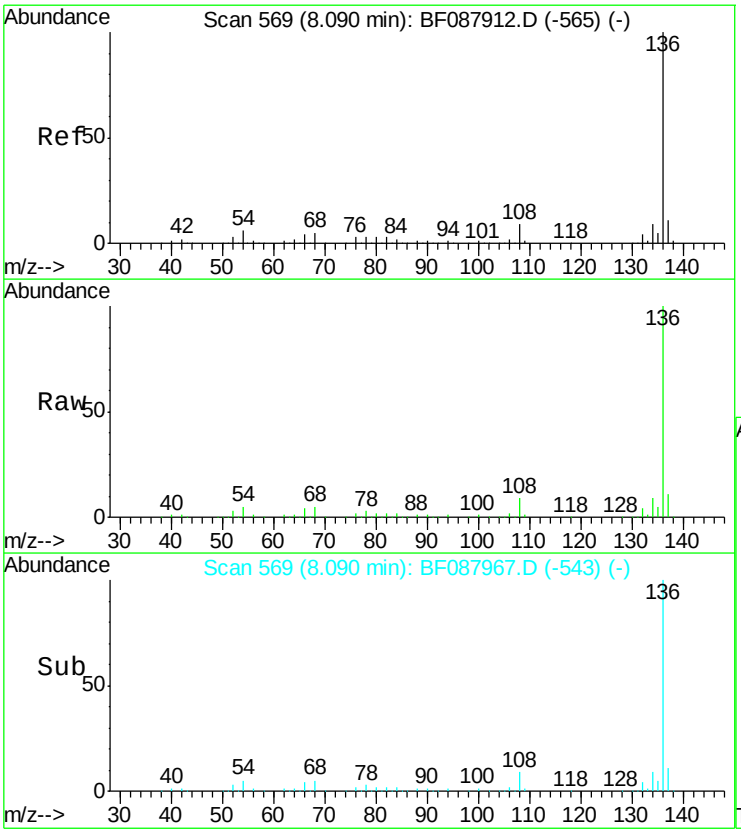
#19
n-Nitroso-di-n-propylamine
Concen: 15.46 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion: 70 Resp: 81062

Ion	Ratio	Lower	Upper
70	100		
42	39.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#

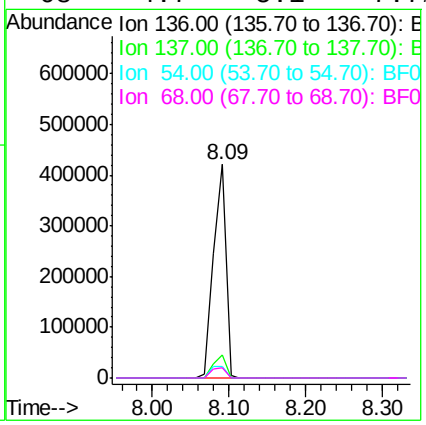


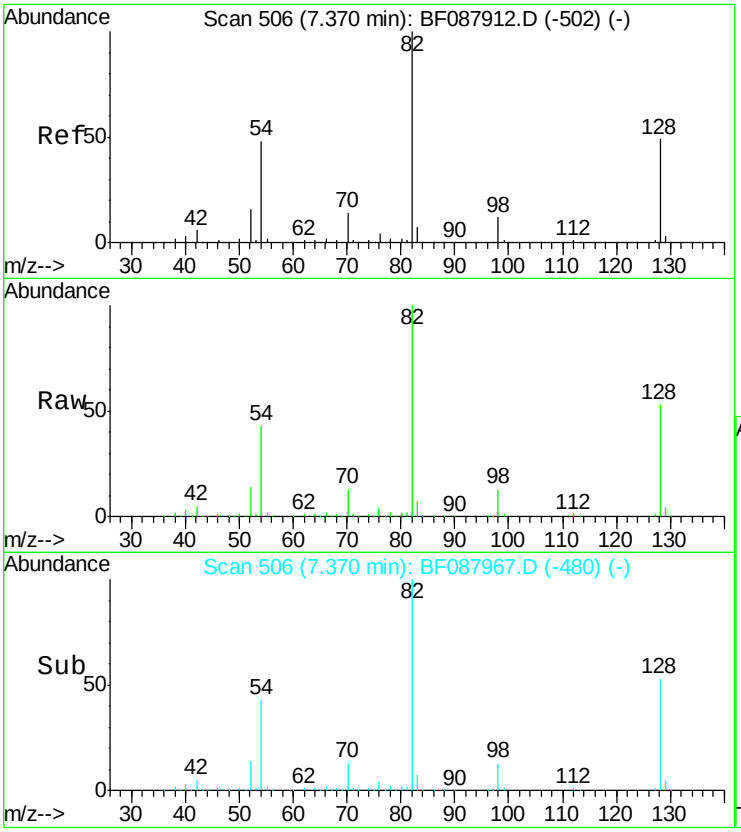


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:136 Resp: 470171

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.2	6.6	10.0#
68	4.7	5.1	7.7#



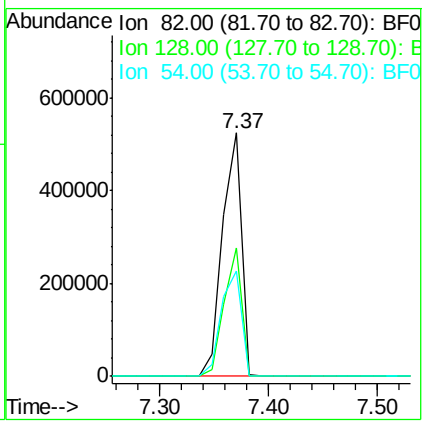


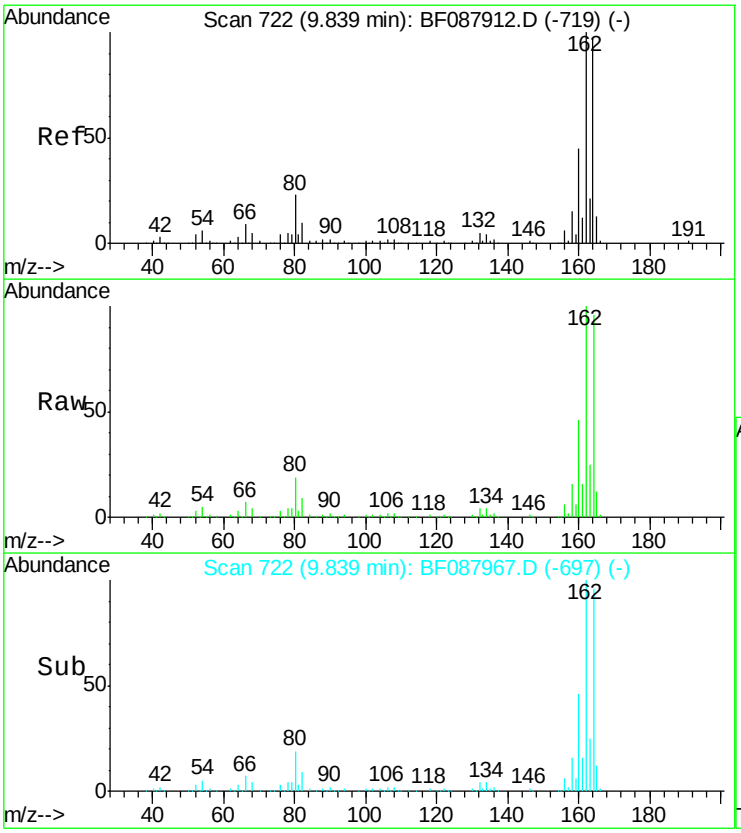
#23
Nitrobenzene-d5
Concen: 78.93 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion: 82 Resp: 635498

Ion	Ratio	Lower	Upper
82	100		
128	52.6	35.9	53.9
54	43.4	40.9	61.3

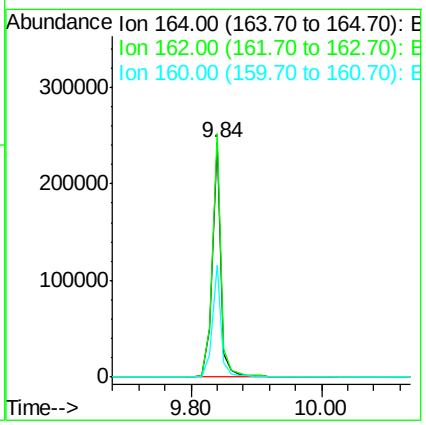


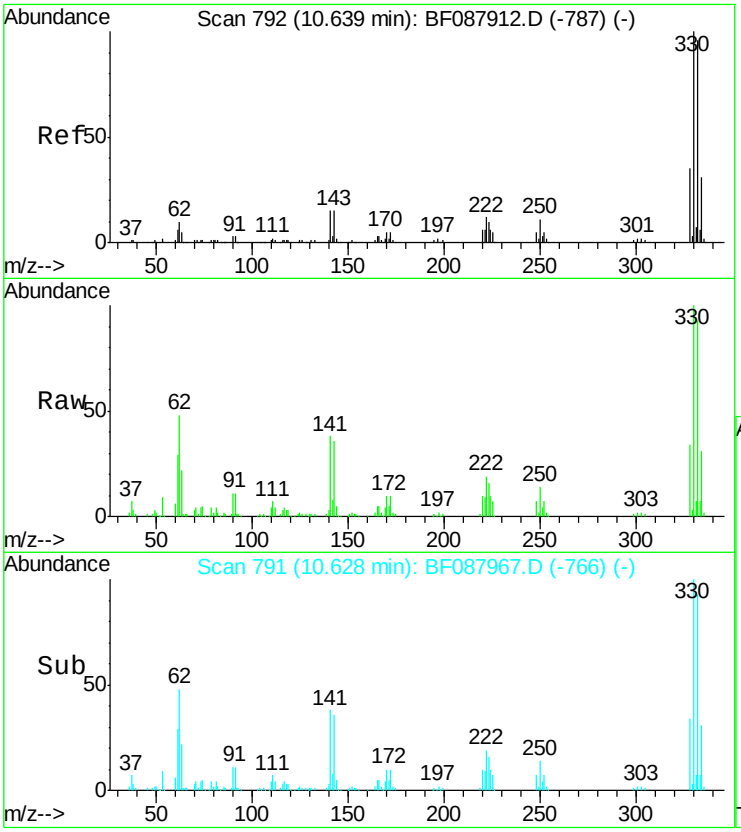


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:164 Resp: 230912

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	47.5	39.5	59.3



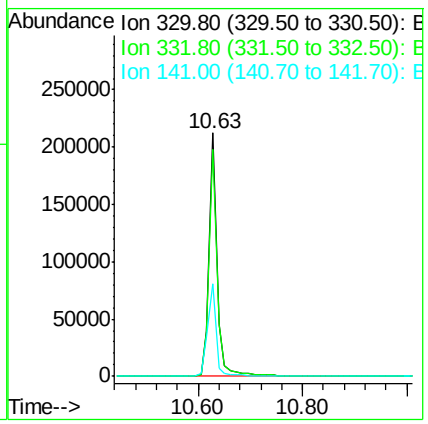


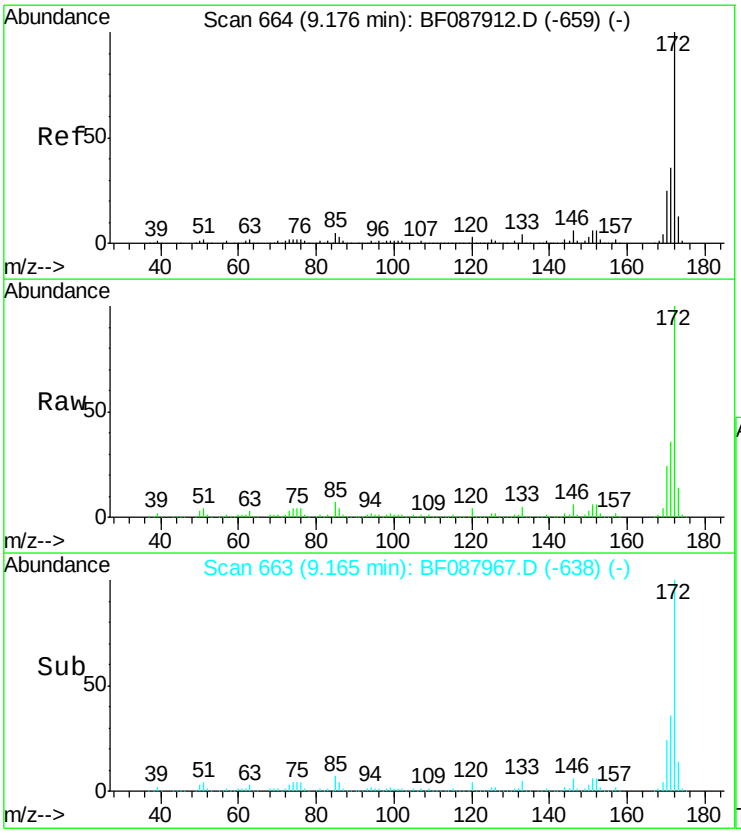
#41
2,4,6-Tribromophenol
Concen: 93.38 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion:330 Resp: 227665

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	40.3	0.0	0.0#

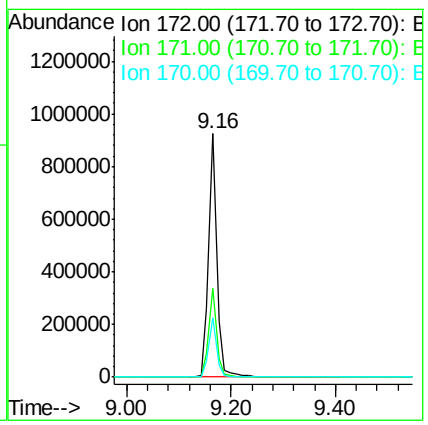


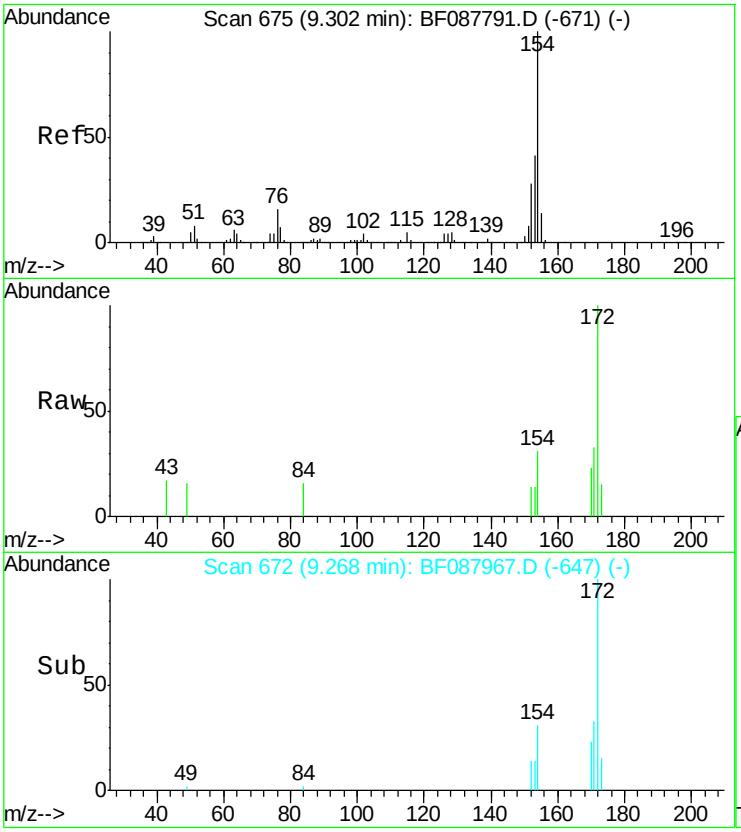


#44
2-Fluorobiphenyl
Concen: 68.32 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:172 Resp: 1020193

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	19.2	28.8



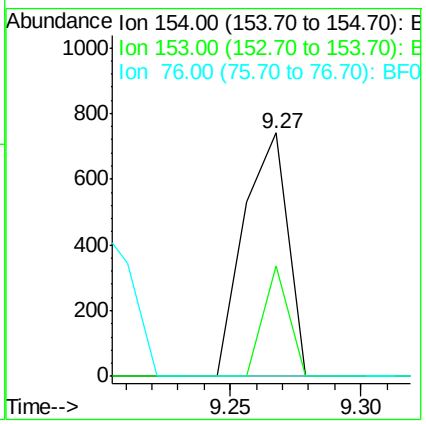


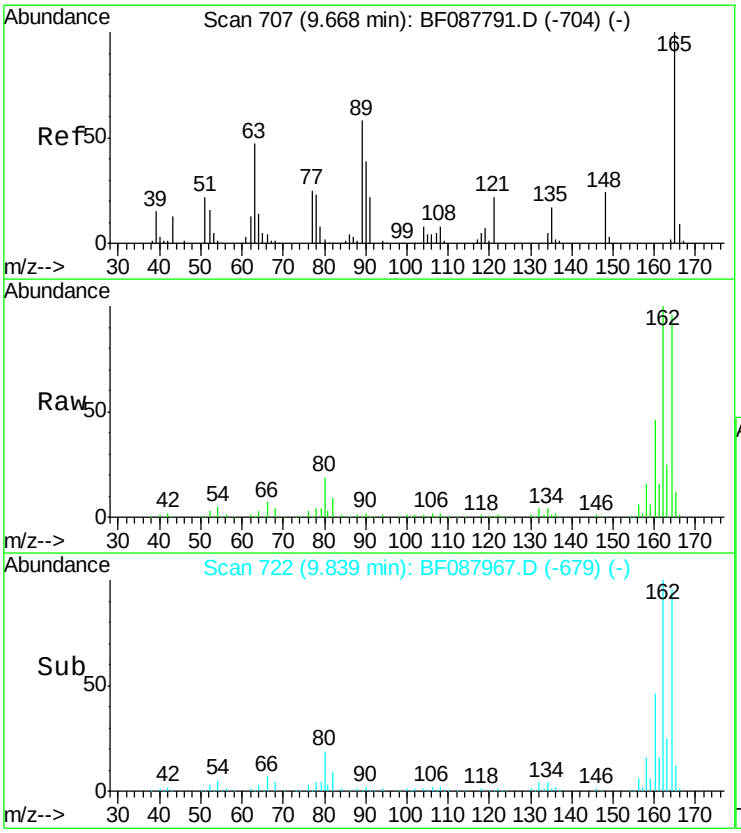
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion:154 Resp: 873

Ion	Ratio	Lower	Upper
154	100		
153	45.6	20.6	60.6
76	0.0	0.0	35.1

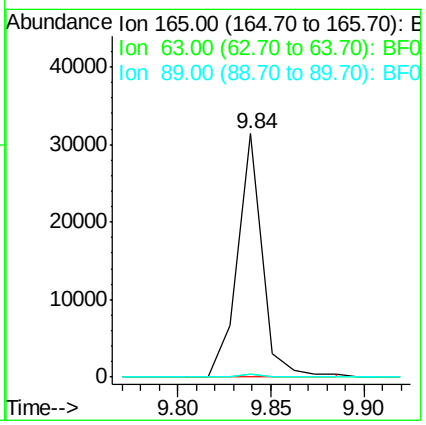


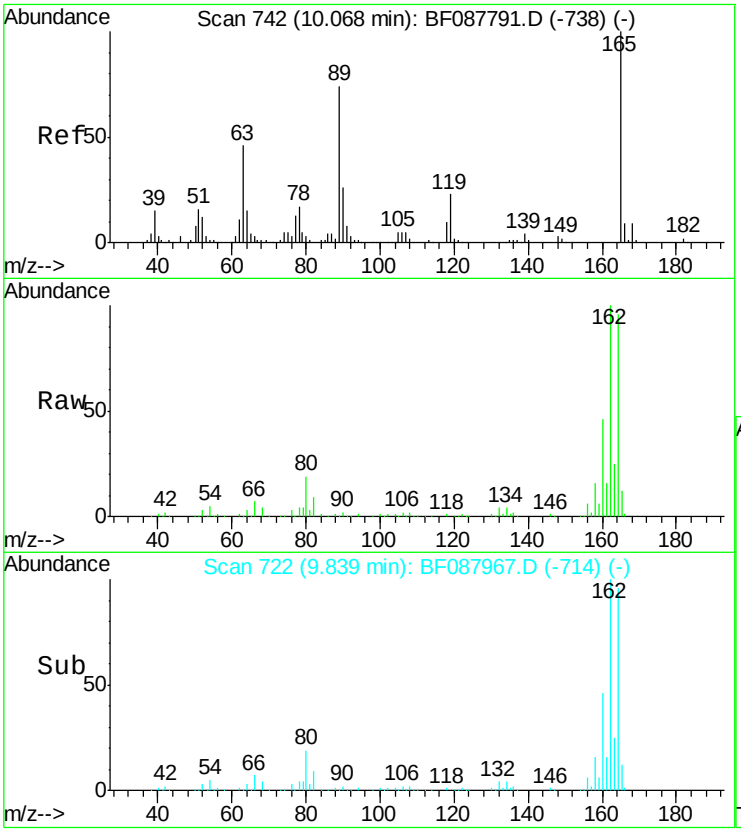


#50
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.19 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:165 Resp: 29252

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.1	42.1#
89	1.2	32.2	48.2#



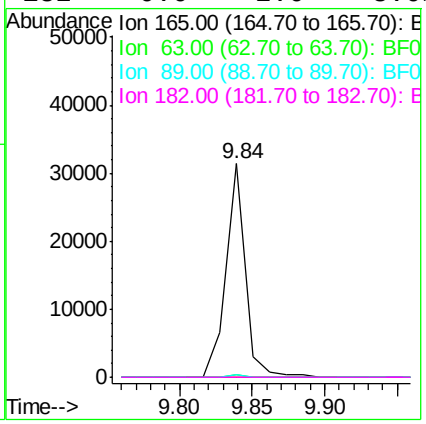


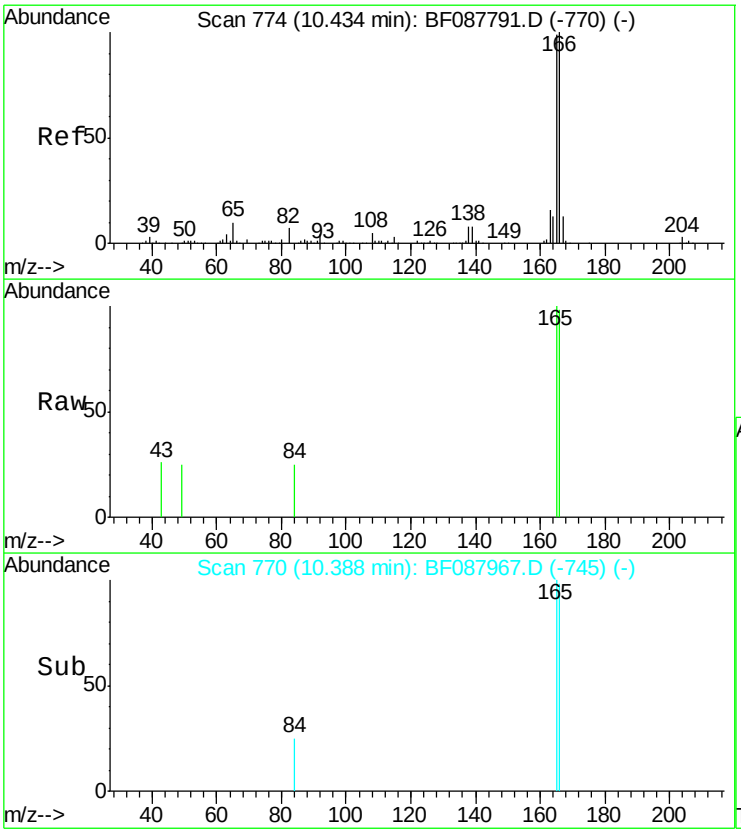
#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.21 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion:165 Resp: 29255

Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.2	41.1	61.7#
182	0.0	2.0	3.0#

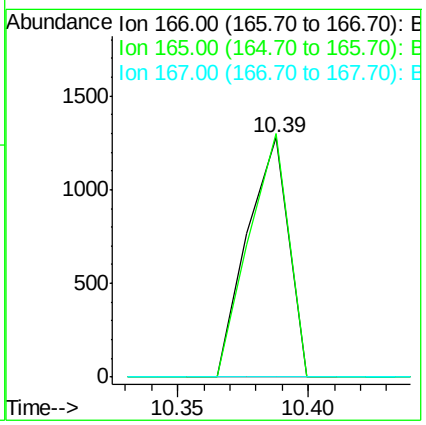


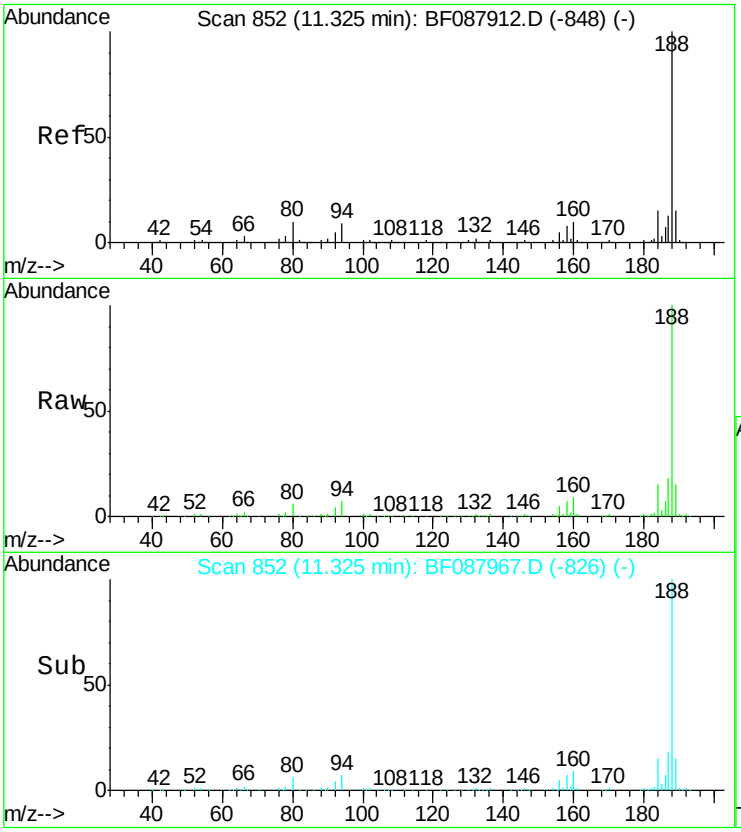


#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:166 Resp: 1402

Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.8	116.8
167	0.0	11.2	16.8#



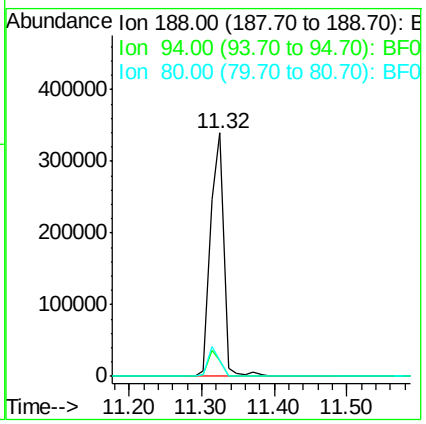


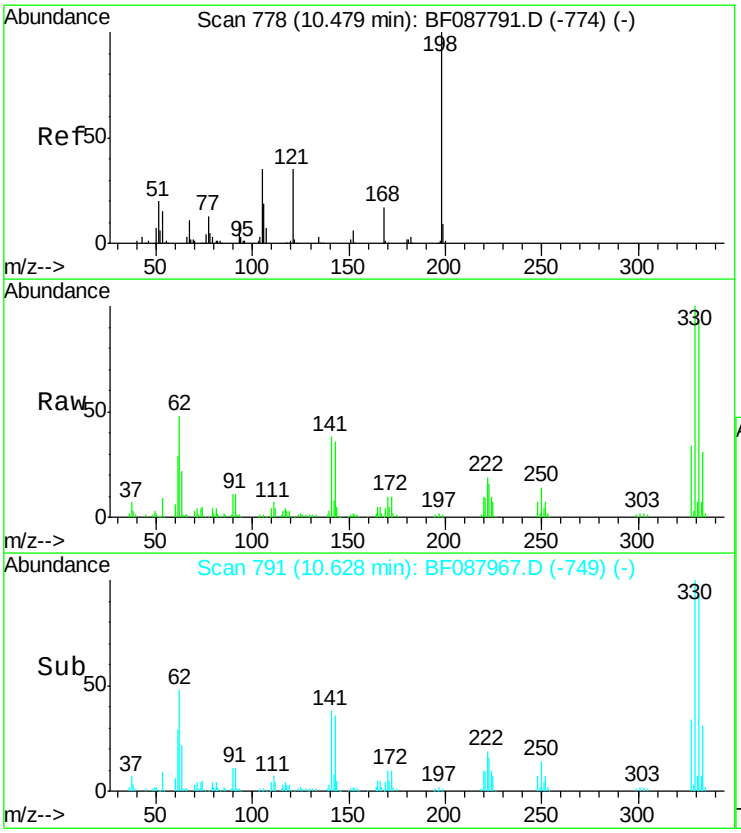
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion:188 Resp: 428402

Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.6#
80	6.4	10.0	15.0#

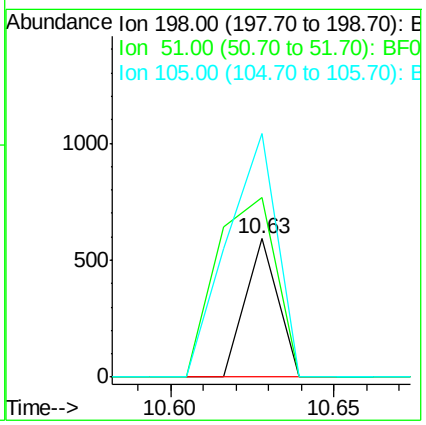


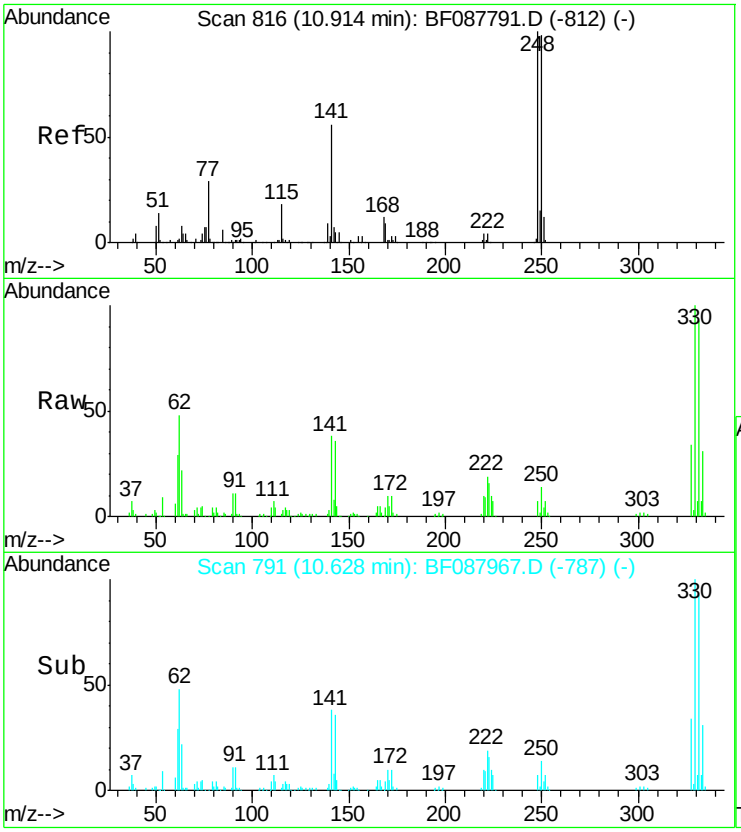


#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.18 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:198 Resp: 406

Ion	Ratio	Lower	Upper
198	100		
51	129.7	39.6	79.6#
105	175.8	36.6	76.6#



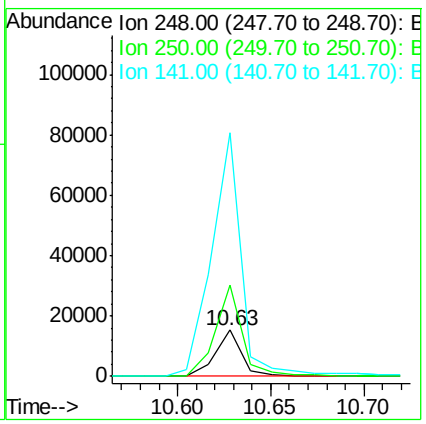


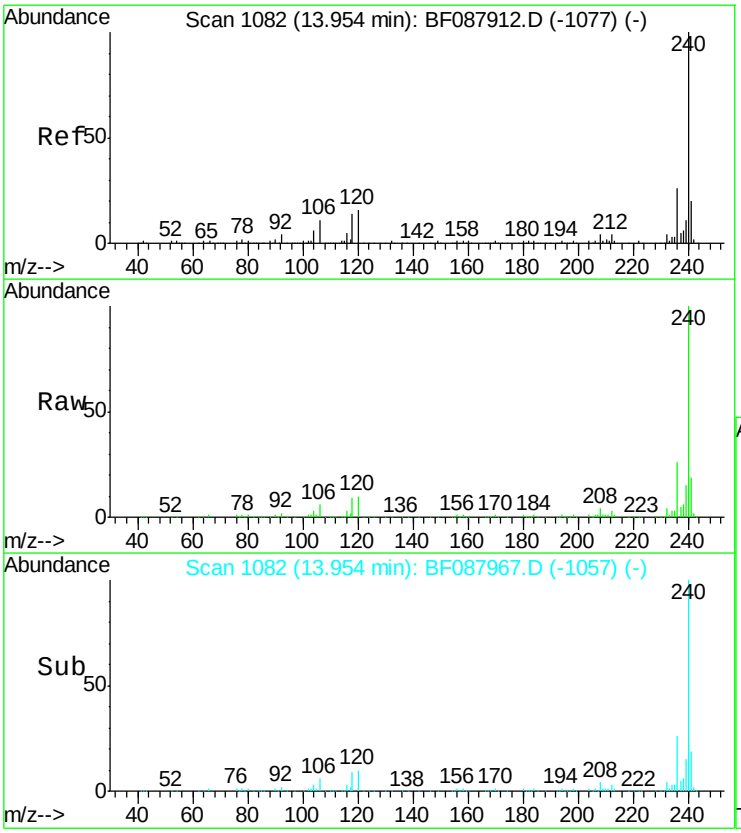
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion:248 Resp: 15191

Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.1	115.7#
141	526.1	50.6	76.0#

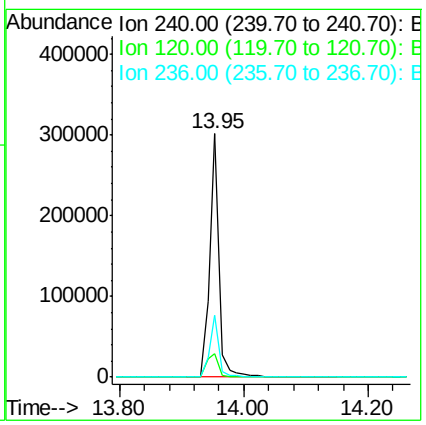


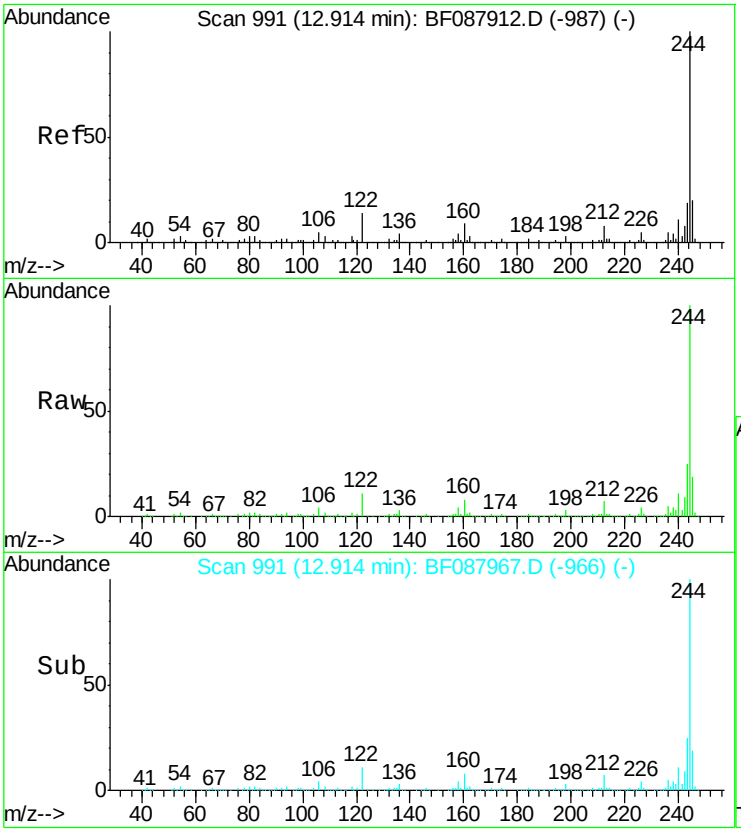


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:240 Resp: 308954

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	25.6	20.2	30.2



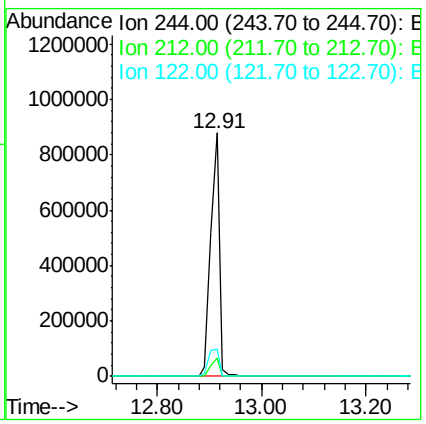


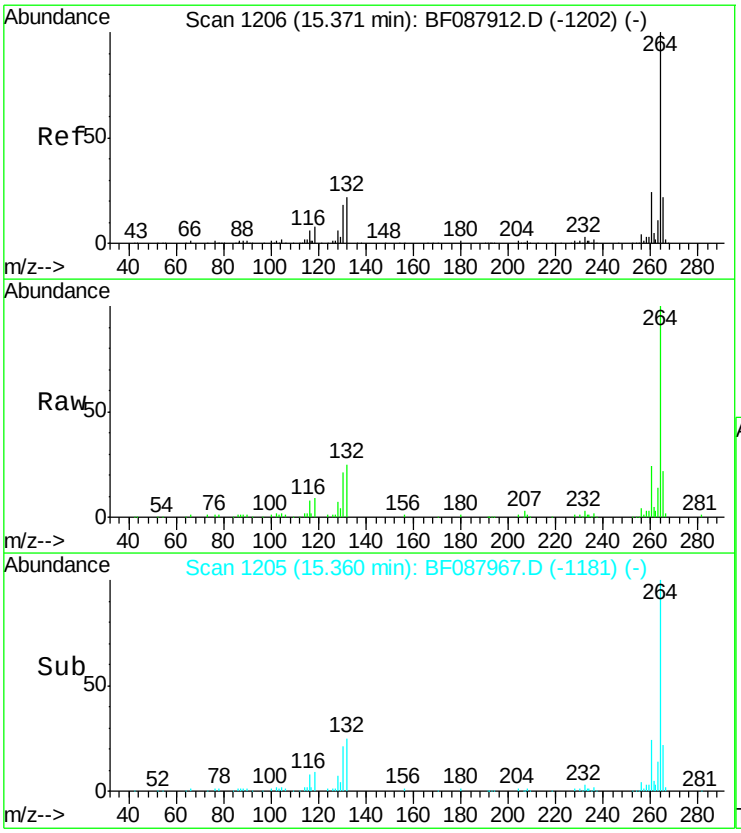
#78
Terphenyl-d14
Concen: 74.74 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tgt Ion:244 Resp: 1014753

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





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF087967.D
Acq: 13 Jun 2016 00:24

Tgt Ion:264 Resp: 213248

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	16.9	25.3