Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087909.D
Acq On : 11 Jun 2016 18:35
Operator : UM/SJ
Sample : H3887-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-LF2RESD

Quant Time: Jun 12 04:40:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95618	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	415552	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	190964	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	441850	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	364305	20.00	ng	-0.03
86) Perylene-d12	15.37	264	302459	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	425976	76.16	ng	-0.03
7) Phenol-d6	6.43	99	290308	42.83	ng	-0.05
23) Nitrobenzene-d5	7.37	82	656524	92.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	291781	144.71	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1262623	105.18	ng	-0.03
78) Terphenyl-d14	12.91	244	1207433	75.42	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	15033	3.06	ng	# 75
10) Phenol	6.57	94	1343	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	87764	20.24	ng	# 72
45) 1,1'-Biphenyl	9.18	154	2180	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.84	165	24465	7.72	ng	# 38
56) 2,4-Dinitrotoluene	9.84	165	24466	6.01	ng	# 36
57) Fluorene	10.63	166	13347	Below Cal		# 91
64) 4,6-Dinitro-2-methylphenol	10.63	198	596	2.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	18536	3.91	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087909.D
Acq On : 11 Jun 2016 18:35
Operator : UM/SJ
Sample : H3887-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Quant Time: Jun 12 04:40:39 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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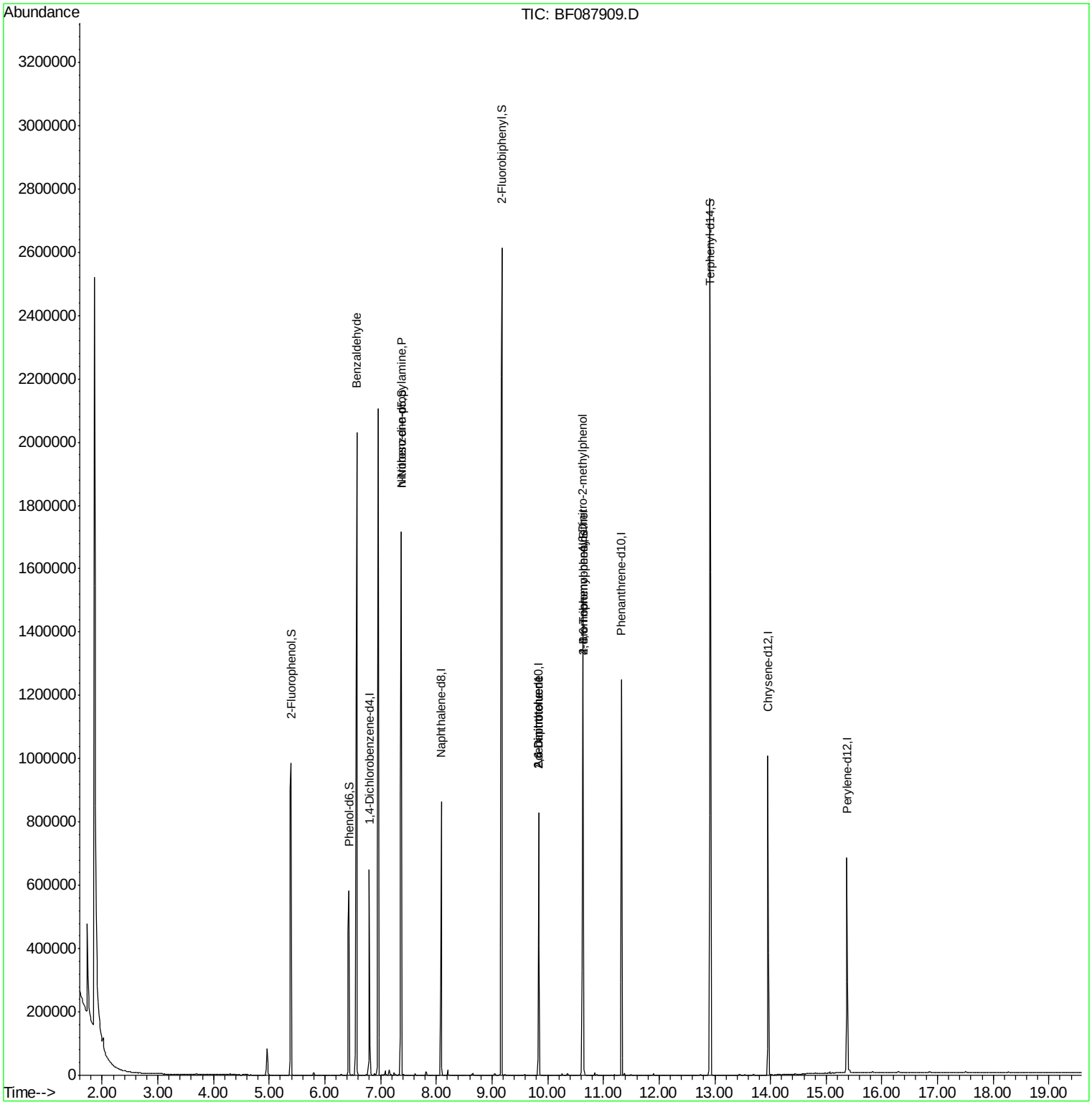
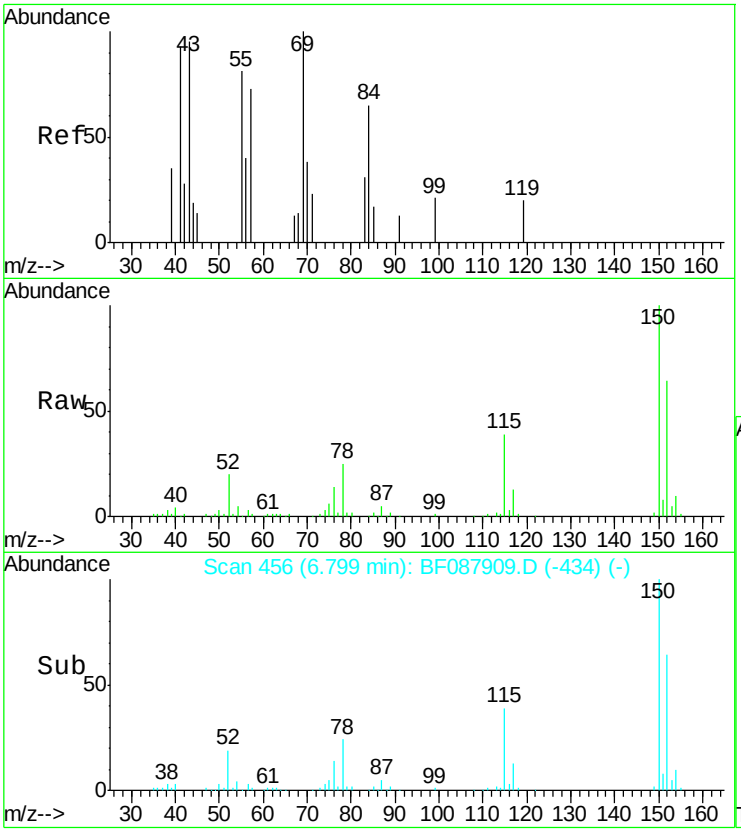


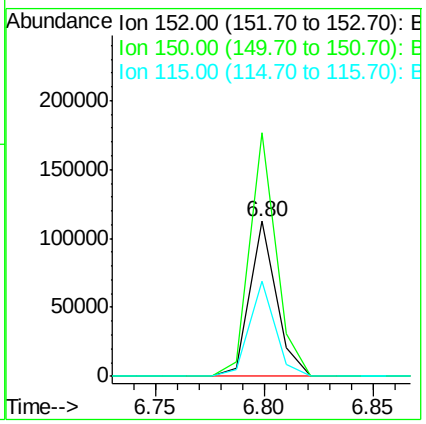


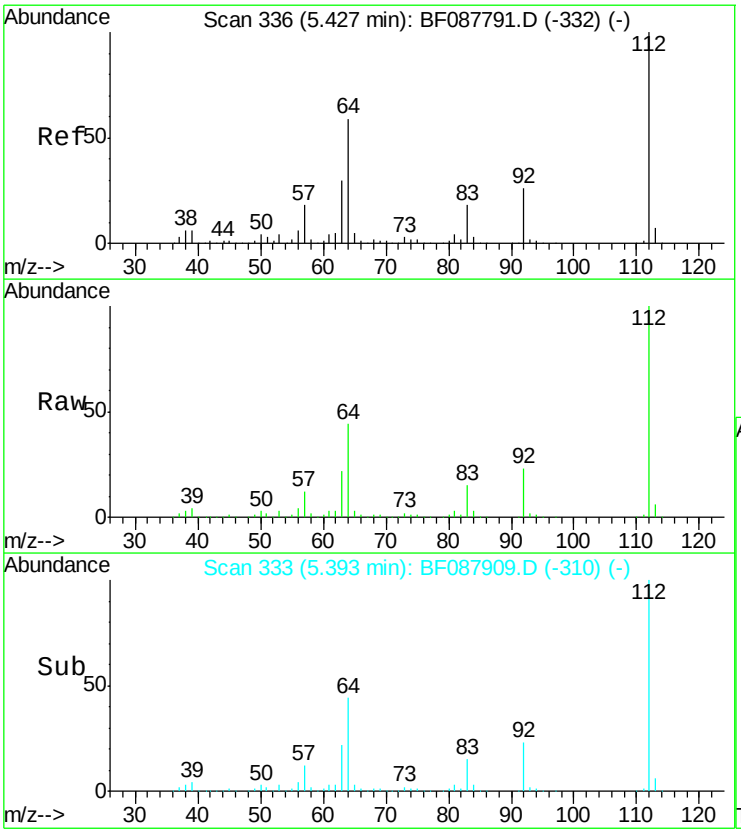
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:152 Resp: 95618

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	61.6	39.6	59.4#

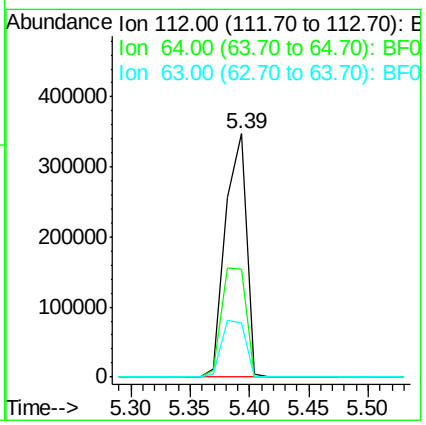


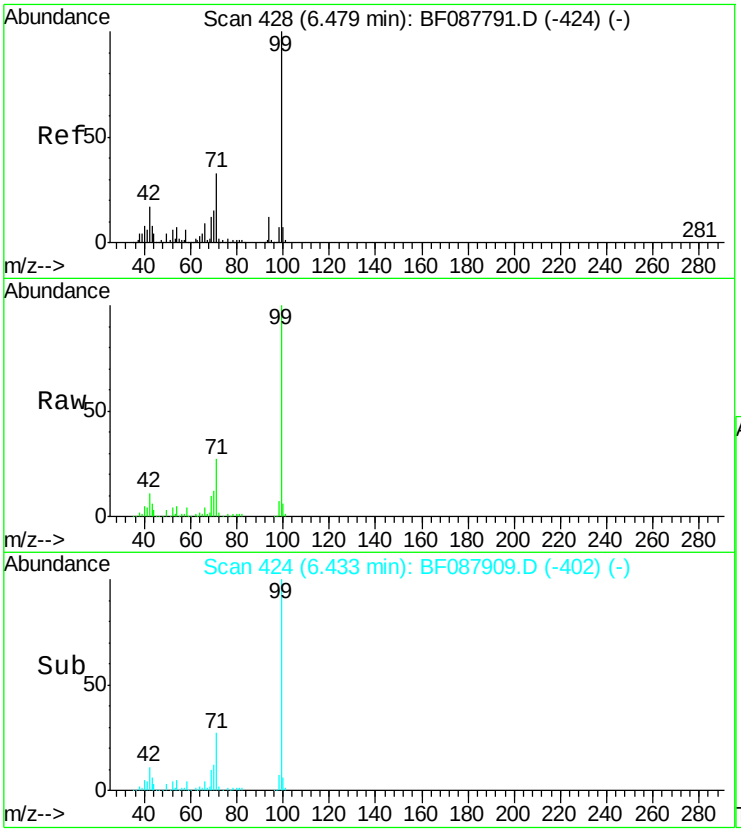


#5
2-Fluorophenol
Concen: 76.16 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion:112 Resp: 425976

Ion	Ratio	Lower	Upper
112	100		
64	44.2	42.2	63.2
63	22.2	21.8	32.8



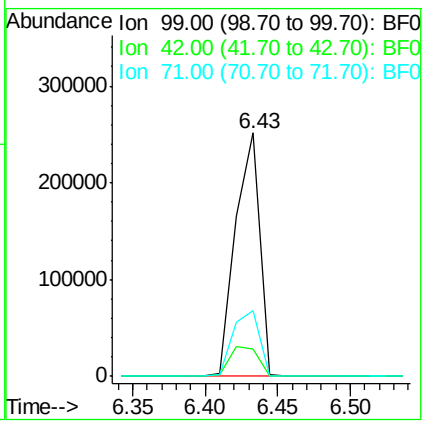


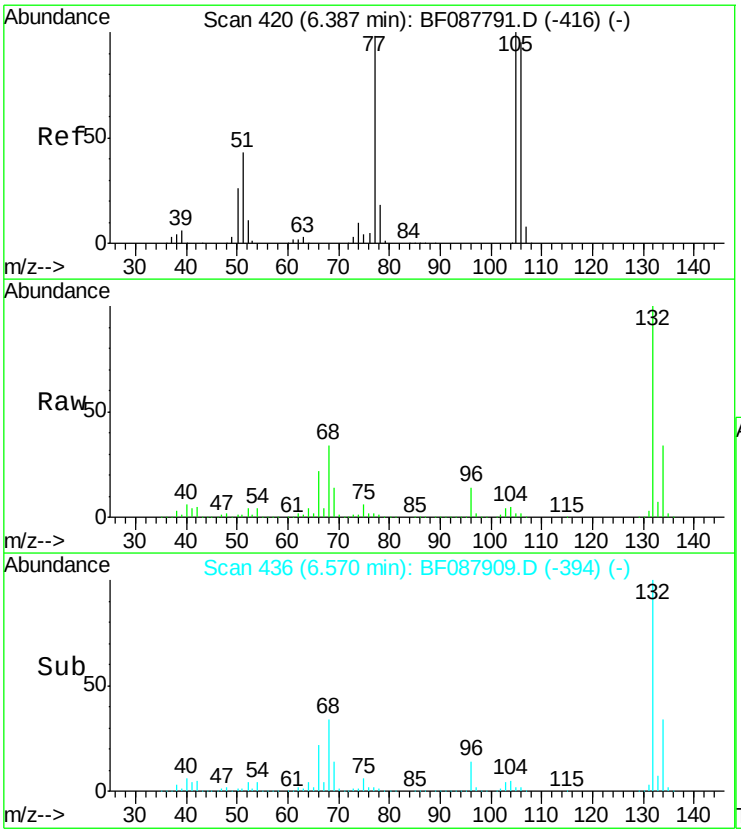
#7
Phenol-d6
Concen: 42.83 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion: 99 Resp: 290308

Ion	Ratio	Lower	Upper
99	100		
42	11.2	12.2	18.2#
71	26.8	23.4	35.0

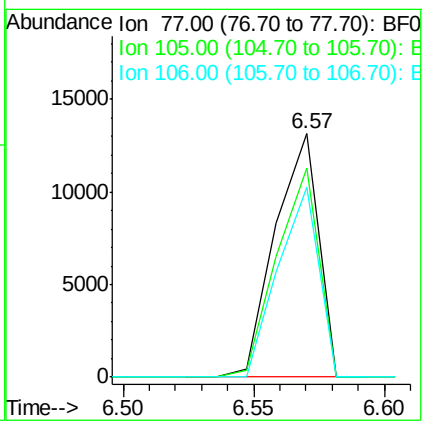


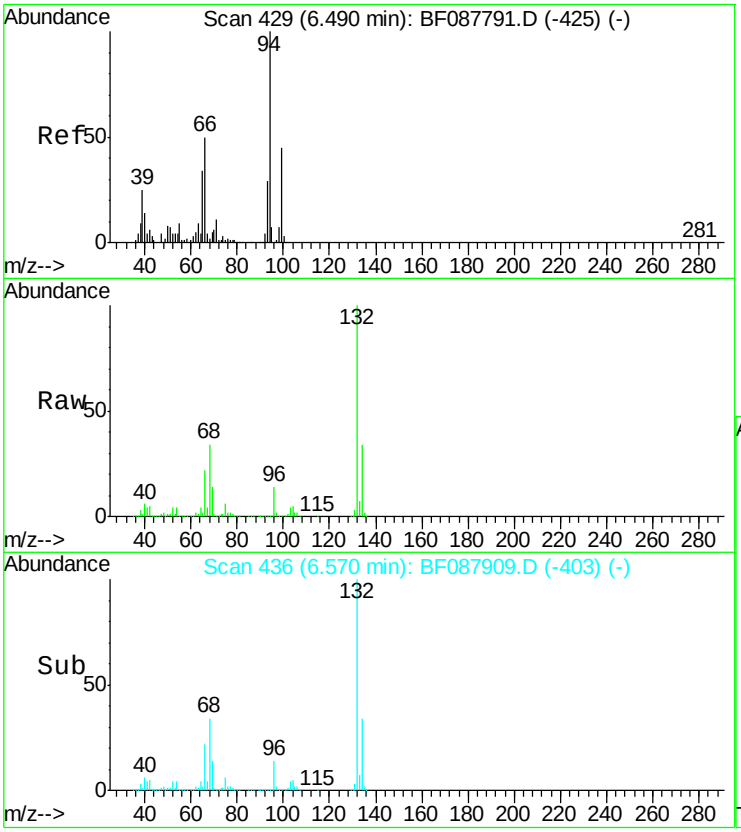


#9
Benzaldehyde
Concen: 3.06 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.18 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion: 77 Resp: 15033

Ion	Ratio	Lower	Upper
77	100		
105	86.1	90.6	130.6#
106	78.0	85.3	125.3#



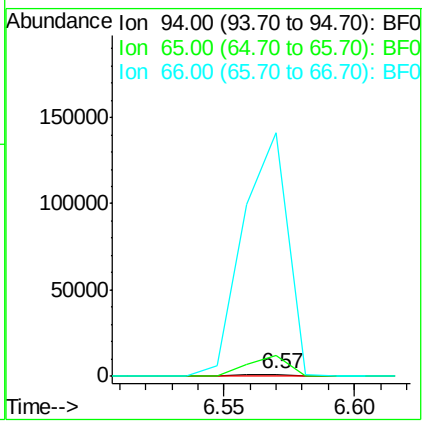


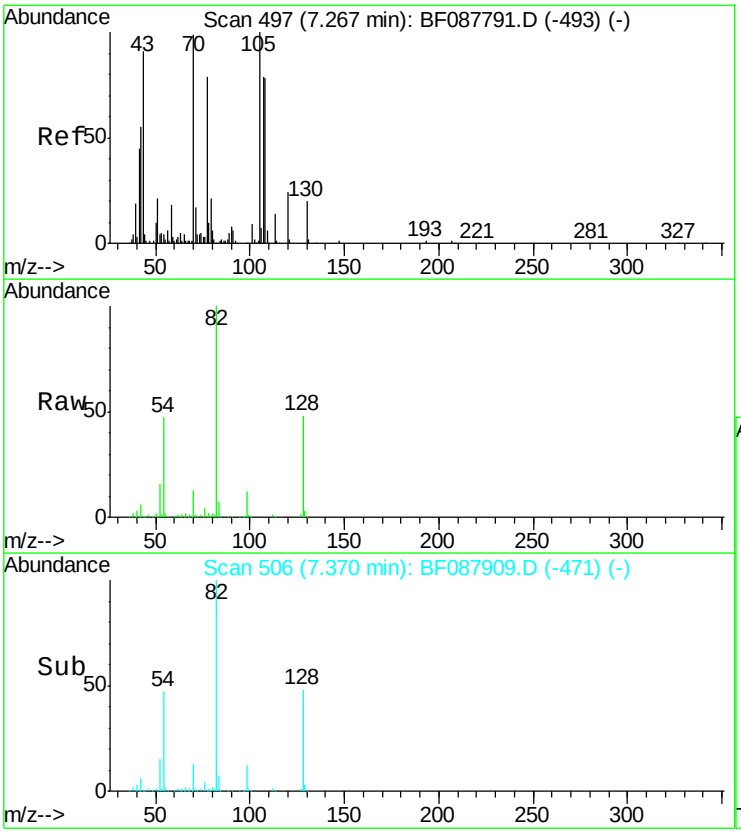
#10
Phenol
Concen: Below Cal
RT: 6.57 min Scan# 436
Delta R.T. 0.08 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion: 94 Resp: 1343

Ion	Ratio	Lower	Upper
94	100		
65	979.3	5.9	45.9#
66	11421.5	14.0	54.0#

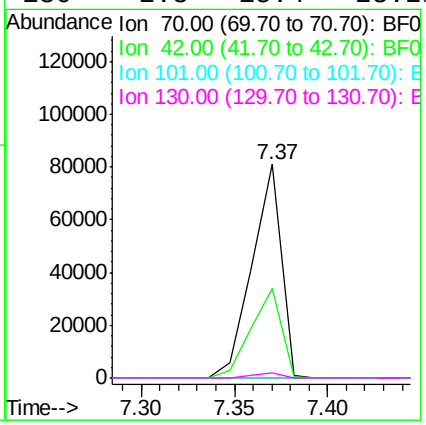


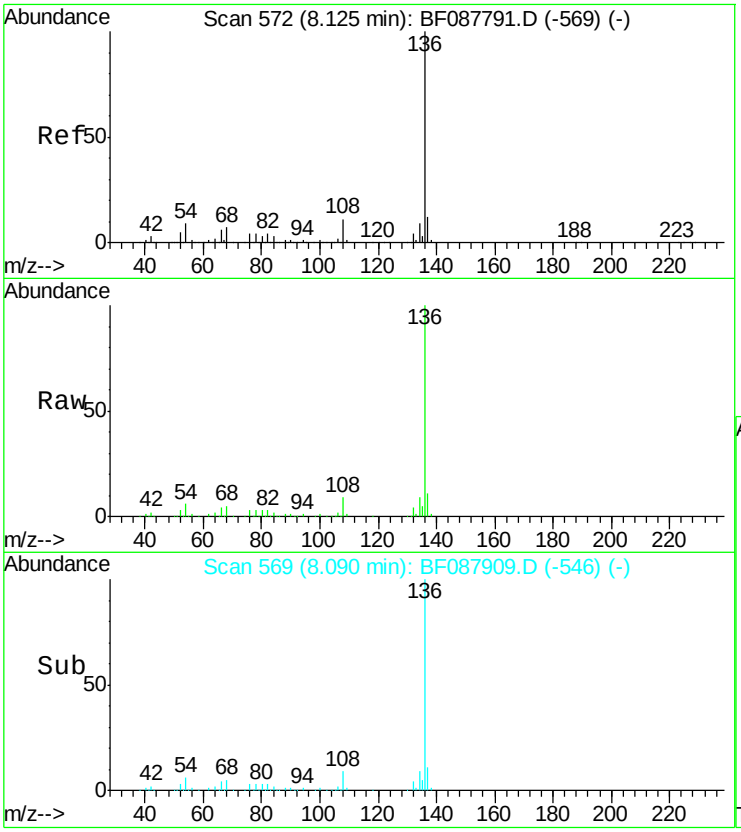


#19
n-Nitroso-di-n-propylamine
Concen: 20.24 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion: 70 Resp: 87764

Ion	Ratio	Lower	Upper
70	100		
42	42.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



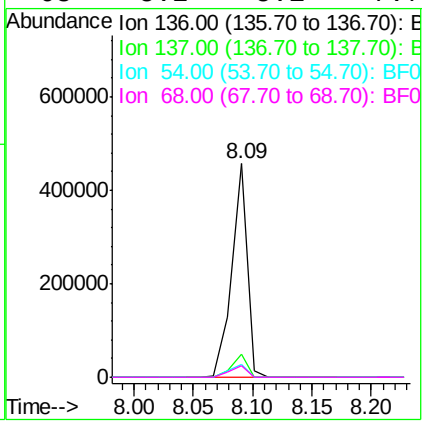


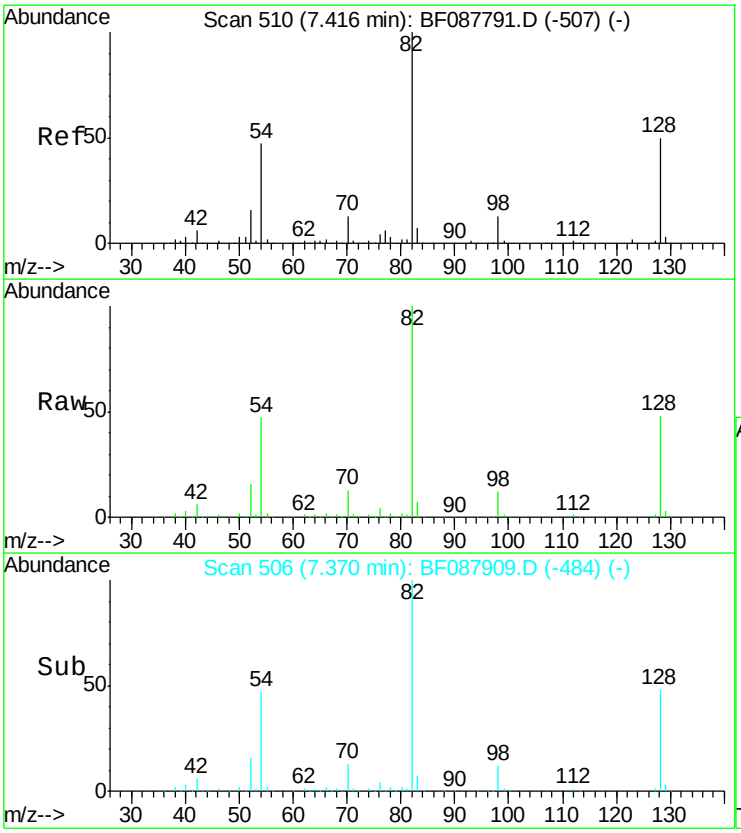
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:136 Resp: 415552

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	6.6	10.0#
68	5.2	5.1	7.7

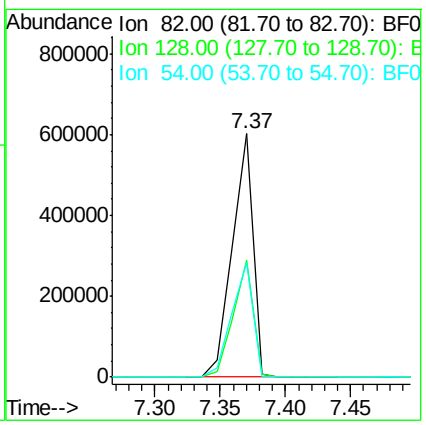


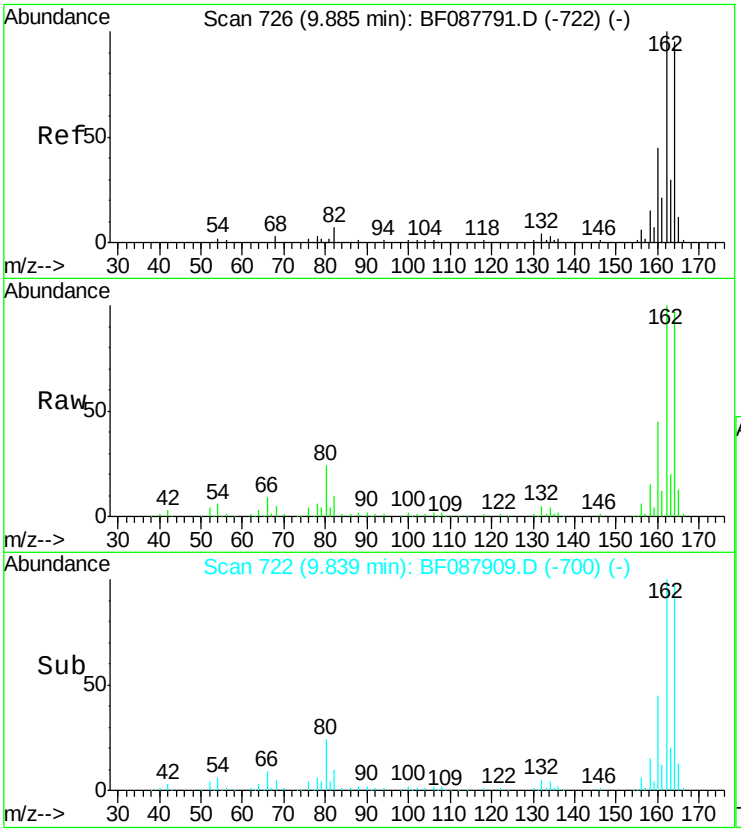


#23
Nitrobenzene-d5
Concen: 92.26 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion: 82 Resp: 656524

Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.9	53.9
54	47.1	40.9	61.3



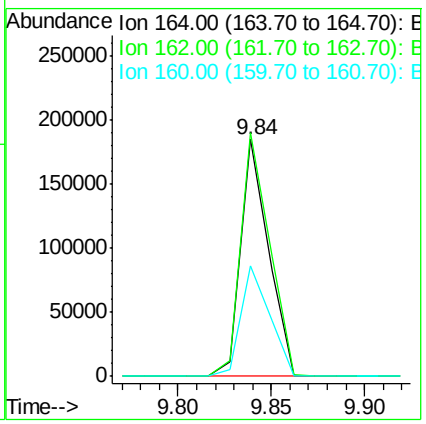


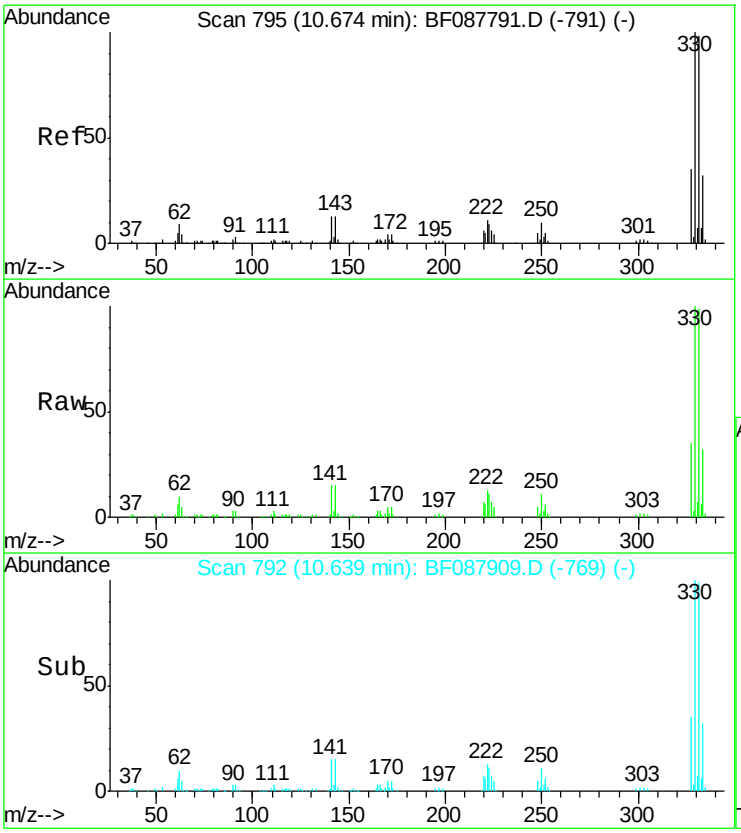
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:164 Resp: 190964

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.4	128.2
160	46.5	39.5	59.3

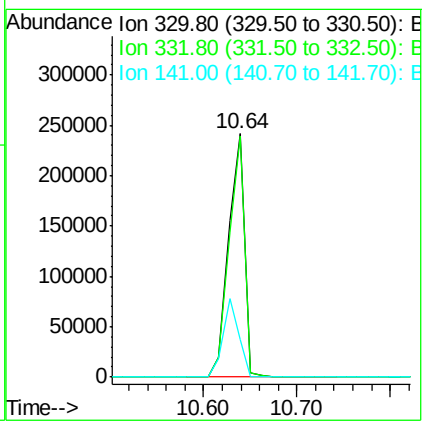


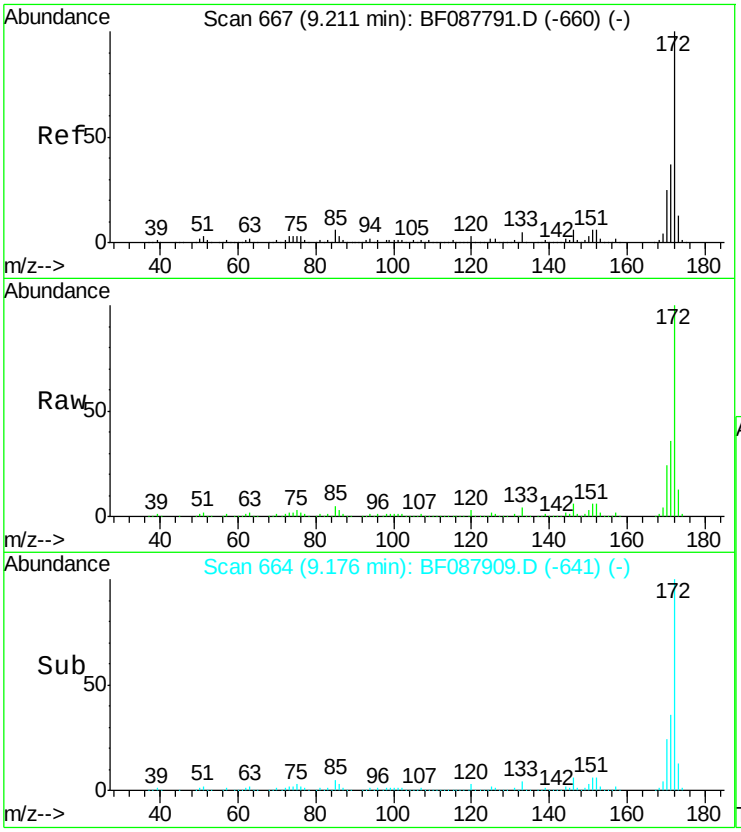


#41
2,4,6-Tribromophenol
Concen: 144.71 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion:330 Resp: 291781

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	31.9	0.0	0.0#



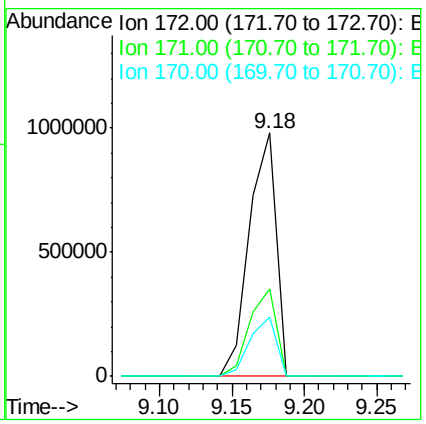


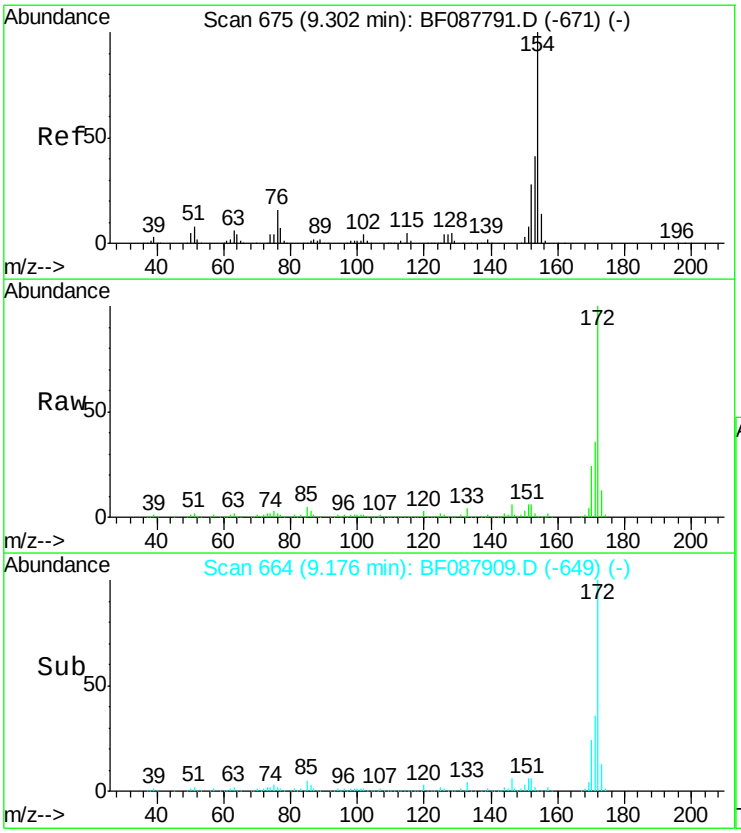
#44
2-Fluorobiphenyl
Concen: 105.18 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:172 Resp: 1262623

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.2	28.8

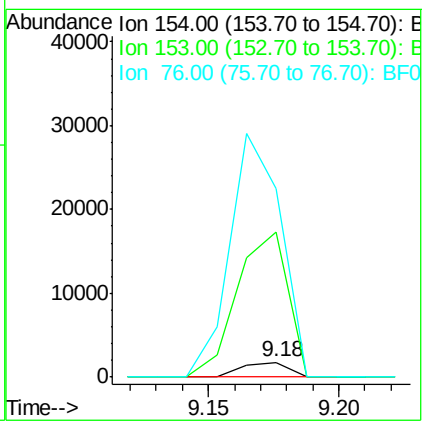


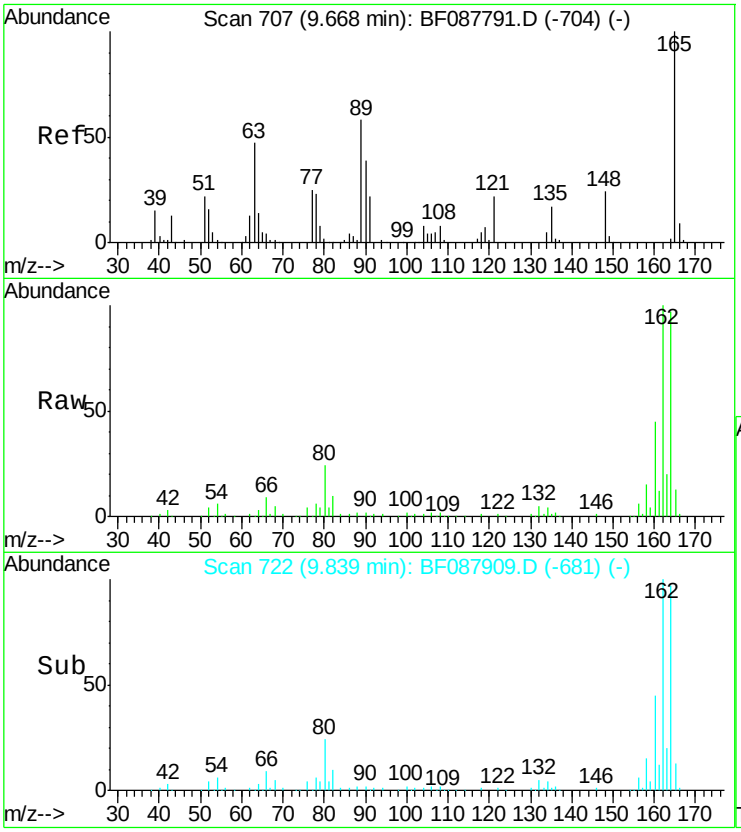


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.12 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion:154 Resp: 2180

Ion	Ratio	Lower	Upper
154	100		
153	998.2	20.6	60.6#
76	1297.5	0.0	35.1#



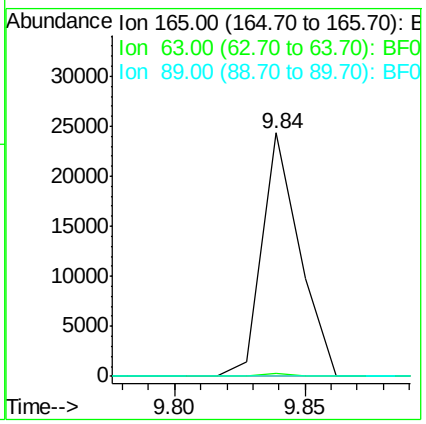


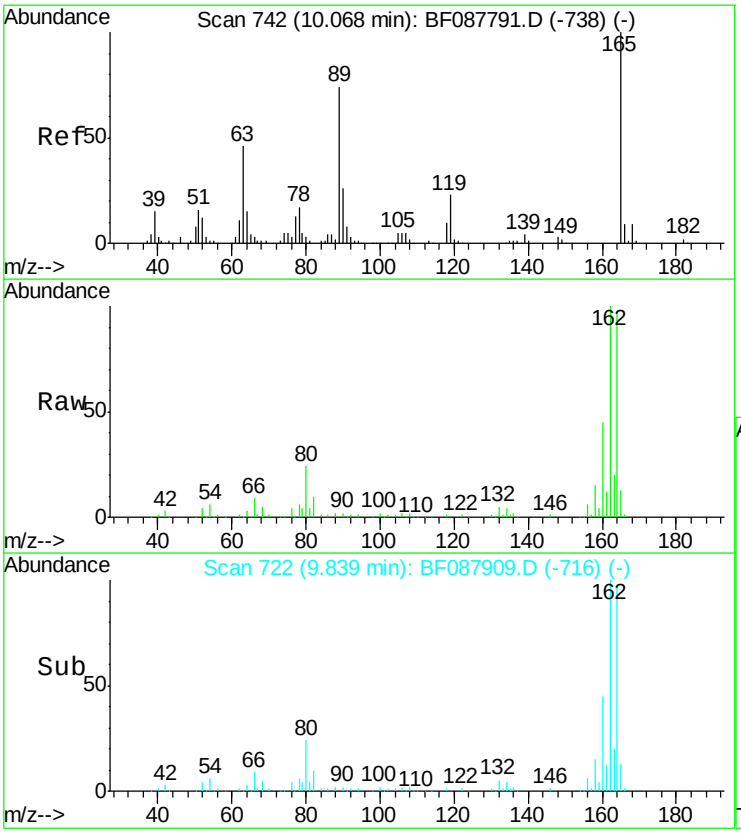
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:165 Resp: 24465

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.1	42.1#
89	0.0	32.2	48.2#

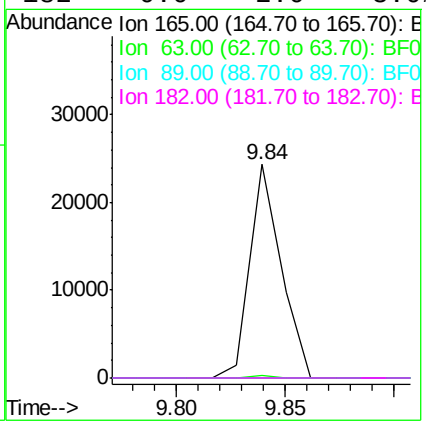


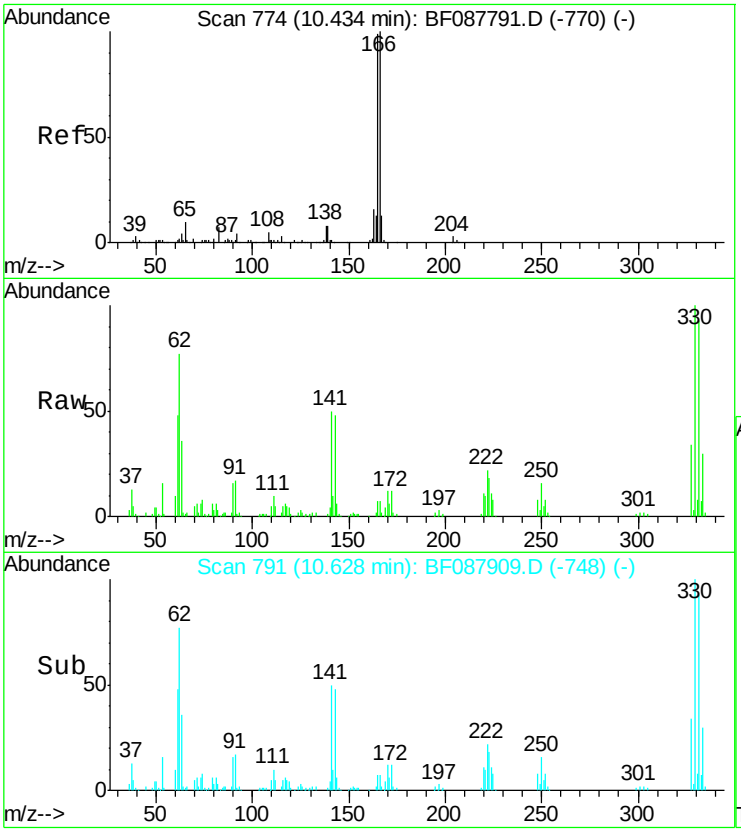


#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion:165 Resp: 24466

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



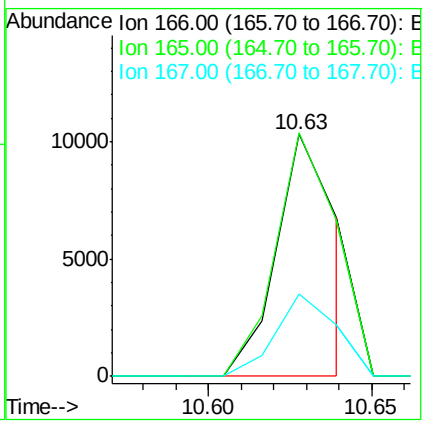


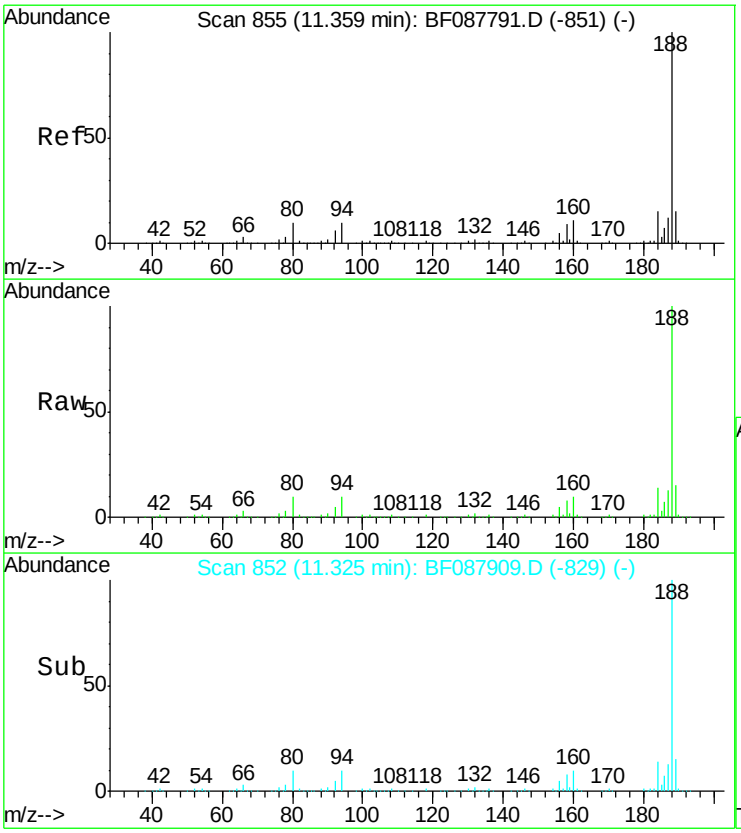
#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:166 Resp: 13347

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.8
167	34.0	11.2	16.8#

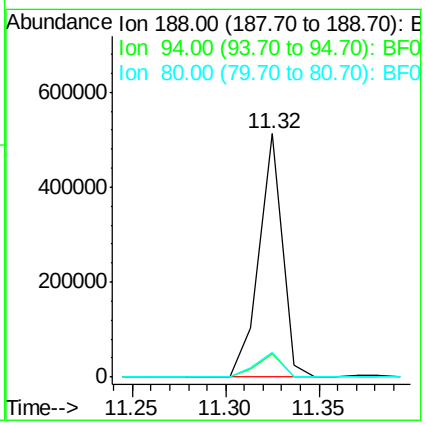


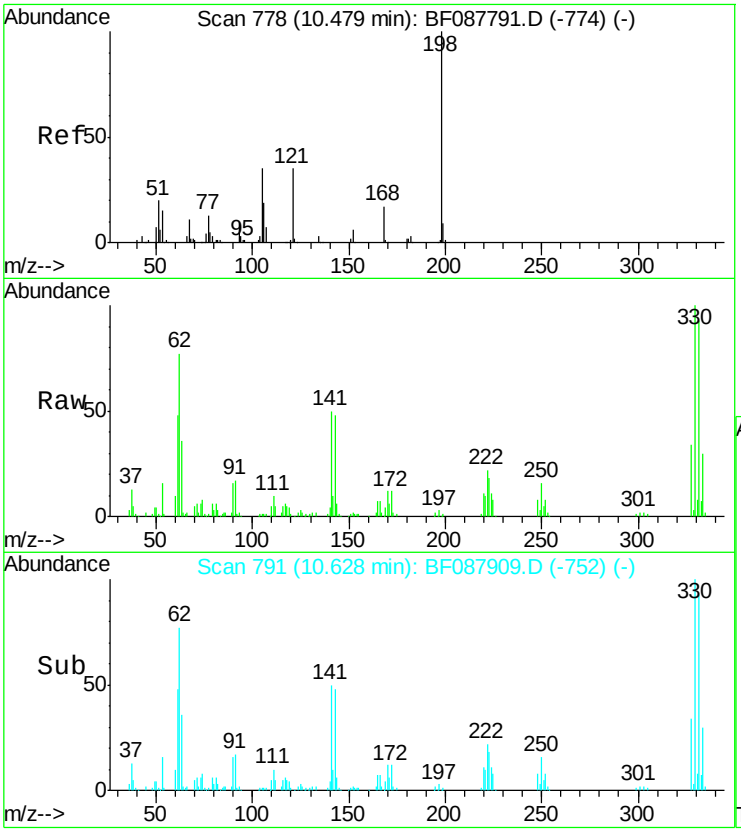


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion:188 Resp: 441850

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.6
80	10.0	10.0	15.0#



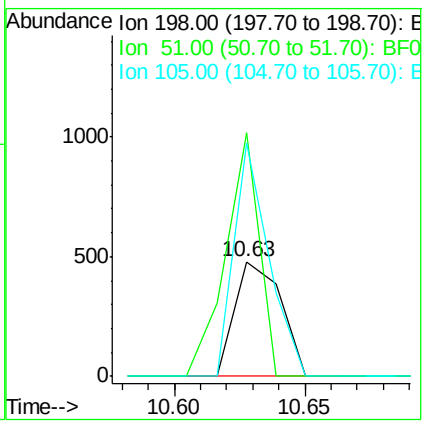


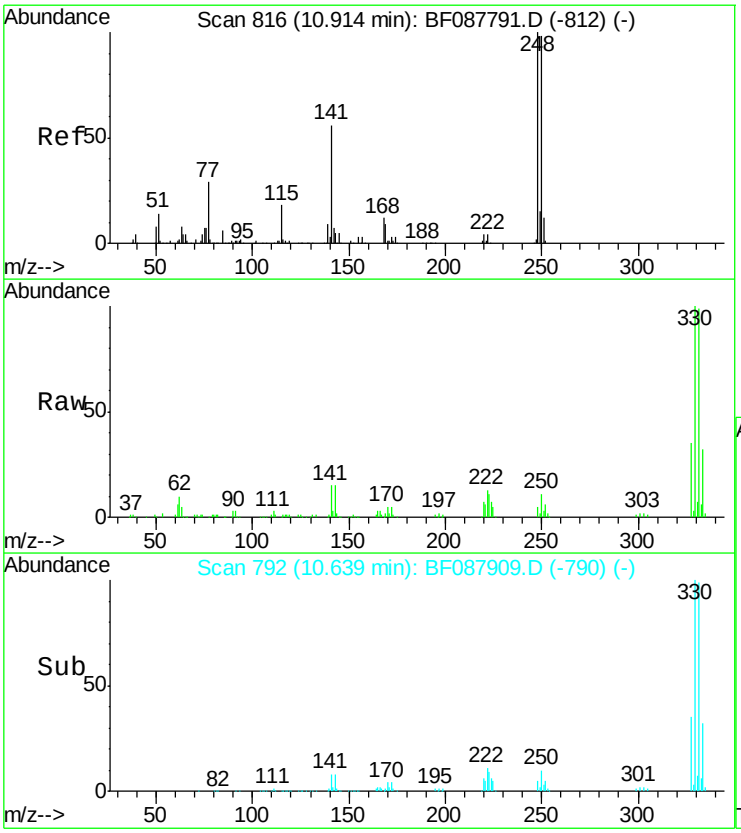
#64
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:198 Resp: 596

Ion	Ratio	Lower	Upper
198	100		
51	212.1	39.6	79.6#
105	202.7	36.6	76.6#

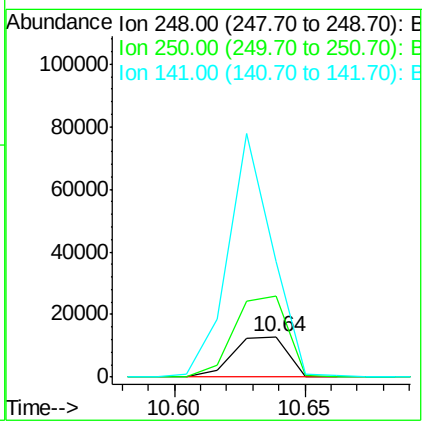


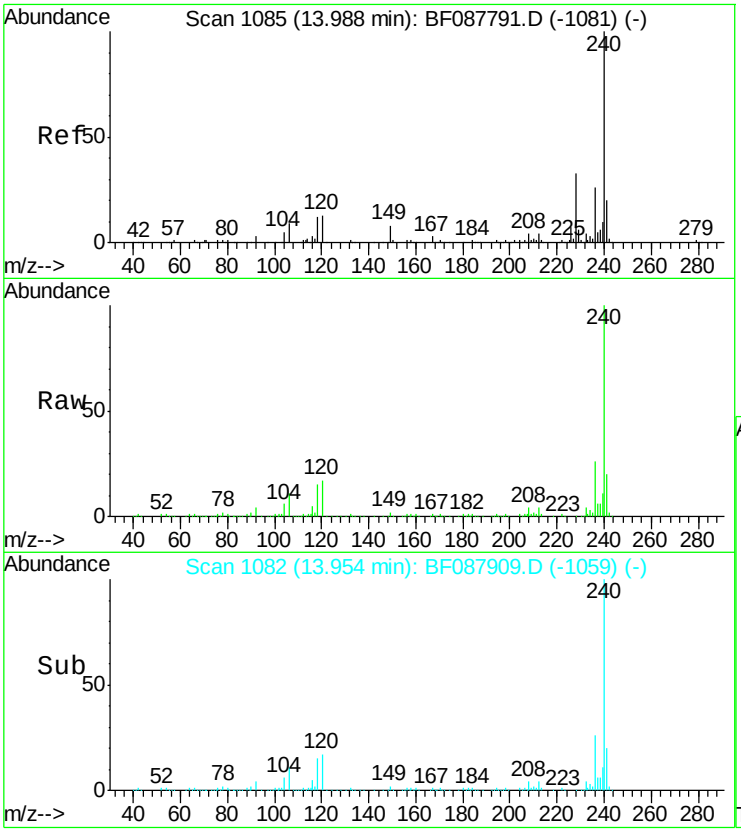


#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion:248 Resp: 18536

Ion	Ratio	Lower	Upper
248	100		
250	203.0	77.1	115.7#
141	288.5	50.6	76.0#



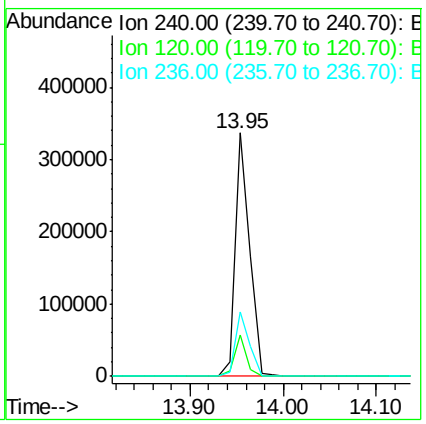


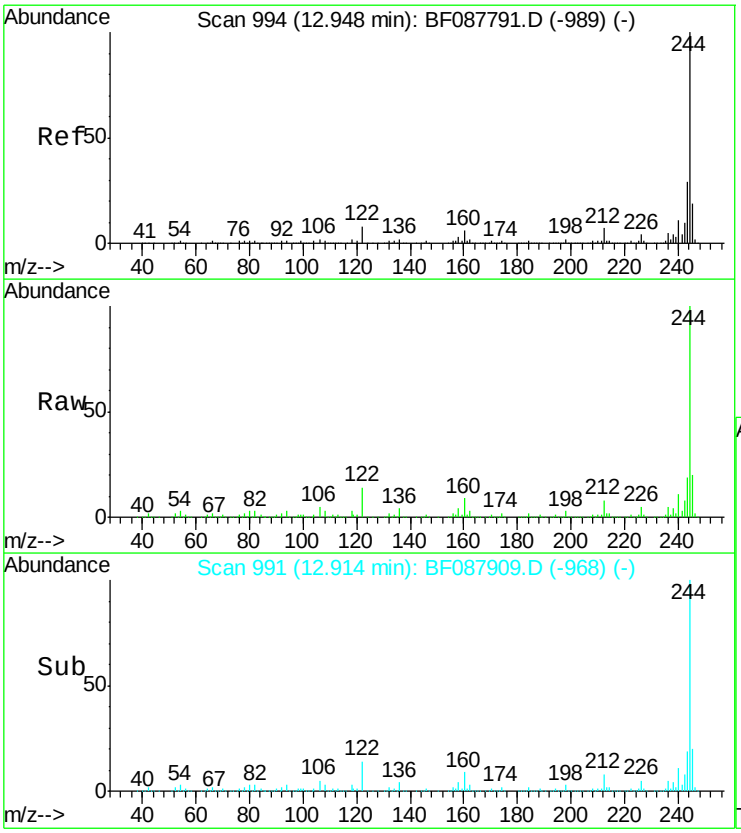
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:240 Resp: 364305

Ion	Ratio	Lower	Upper
240	100		
120	16.8	6.8	10.2#
236	26.3	20.2	30.2

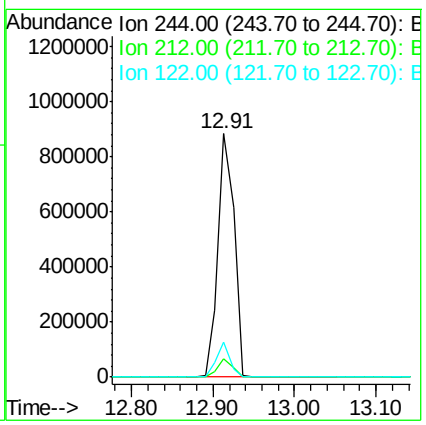


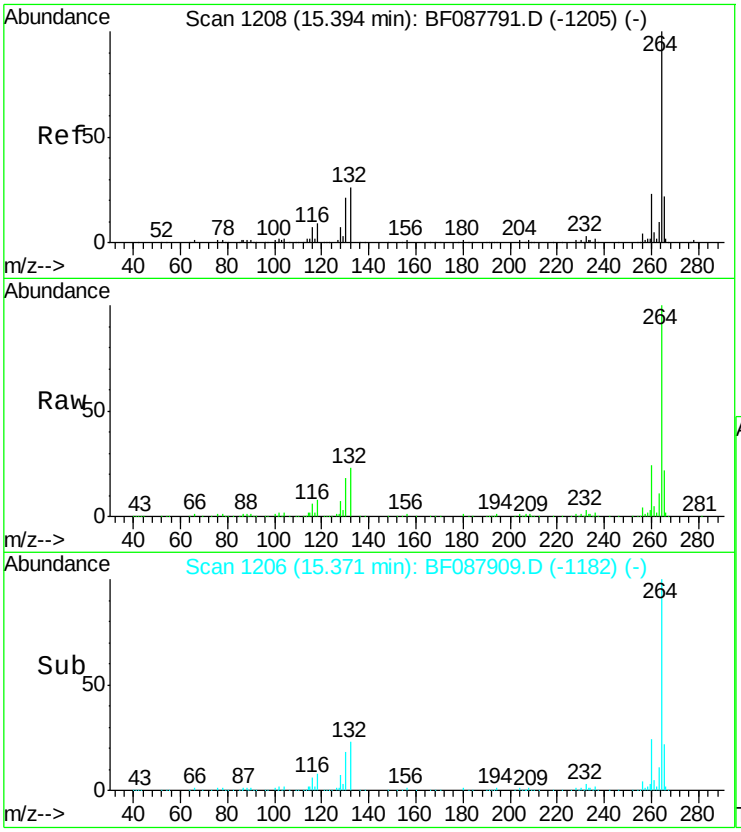


#78
Terphenyl-d14
Concen: 75.42 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Tgt Ion:244 Resp: 1207433

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087909.D
Acq: 11 Jun 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SP16-LF2RESD

Tgt Ion:264 Resp: 302459

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	16.9	25.3