Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088447.D
Acq On : 27 Jun 2016 10:55
Operator : UM/SJ
Sample : H3694-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-54-062016

Quant Time: Jun 27 19:06:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 04:27:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	286620	20.00	ng	-0.15
21) Naphthalene-d8	7.83	136	310530	20.00	ng	-0.30
38) Acenaphthene-d10	9.56	164	142685	20.00	ng	-0.32
63) Phenanthrene-d10	11.05	188	289235	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	249037	20.00	ng	-0.31
86) Perylene-d12	15.03	264	201755	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	546524	32.60	ng	-0.29
7) Phenol-d6	6.22	99	657017	32.34	ng	-0.26
23) Nitrobenzene-d5	7.12	82	457408	86.01	ng	-0.30
41) 2,4,6-Tribromophenol	10.36	330	178745	118.64	ng	-0.31
44) 2-Fluorobiphenyl	8.90	172	796953	87.93	ng	-0.31
78) Terphenyl-d14	12.64	244	764193	69.83	ng	-0.31
Target Compounds						Qvalue
10) Phenol	6.32	94	1071	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	58579	4.51	ng	# 67
31) Naphthalene	7.85	128	48024	3.13	ng	96
45) 1,1'-Biphenyl	9.00	154	289	Below Cal	#	43
50) 2,6-Dinitrotoluene	9.56	165	17970	7.59	ng	# 37
56) 2,4-Dinitrotoluene	9.56	165	17966	5.91	ng	# 36
57) Fluorene	10.11	166	512	Below Cal	#	81
64) 4,6-Dinitro-2-methylphenol	10.36	198	300	2.32	ng	# 2
66) 4-Bromophenyl-phenylether	10.36	248	8765	2.82	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 27 Jun 2016 10:55
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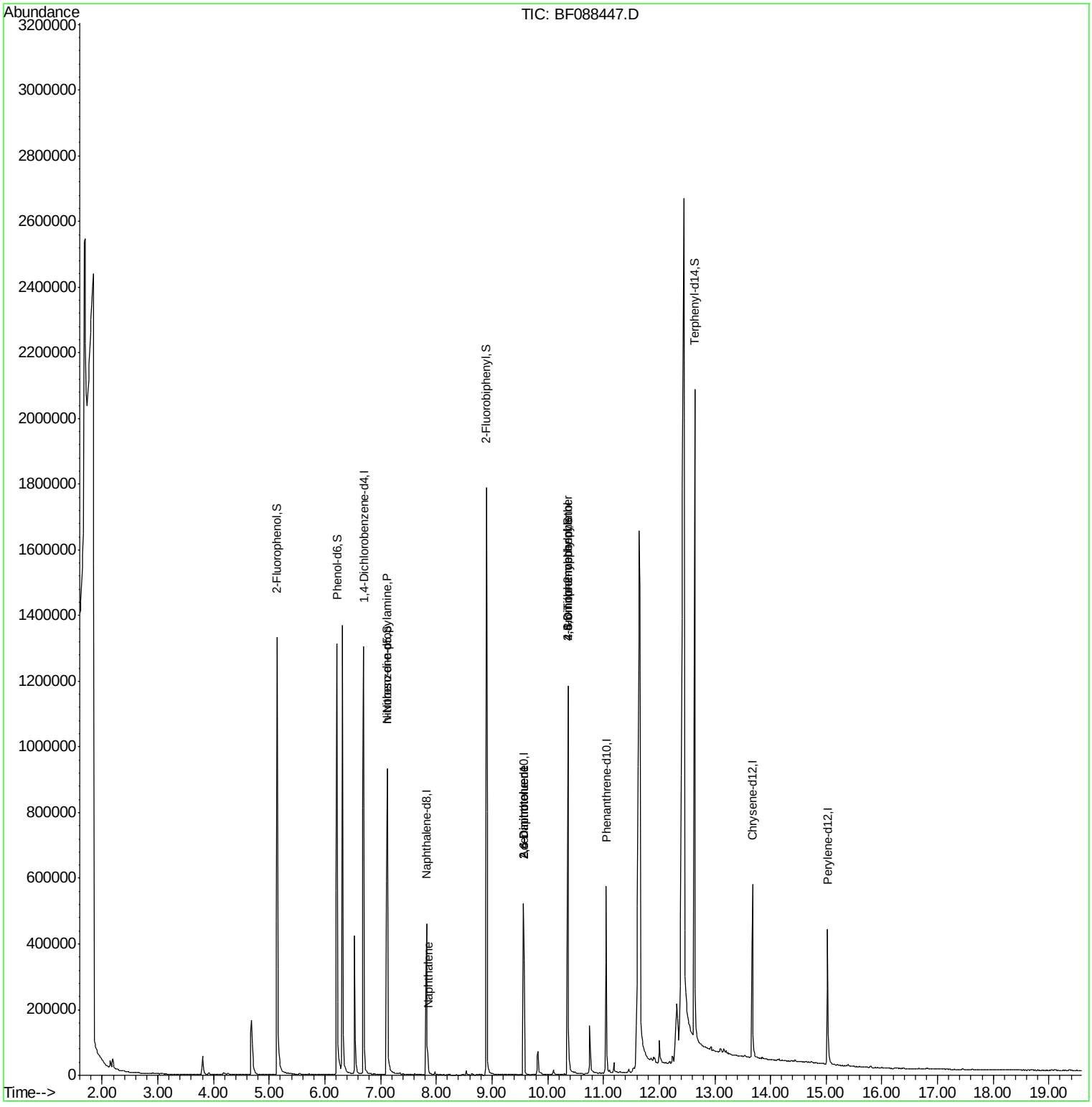
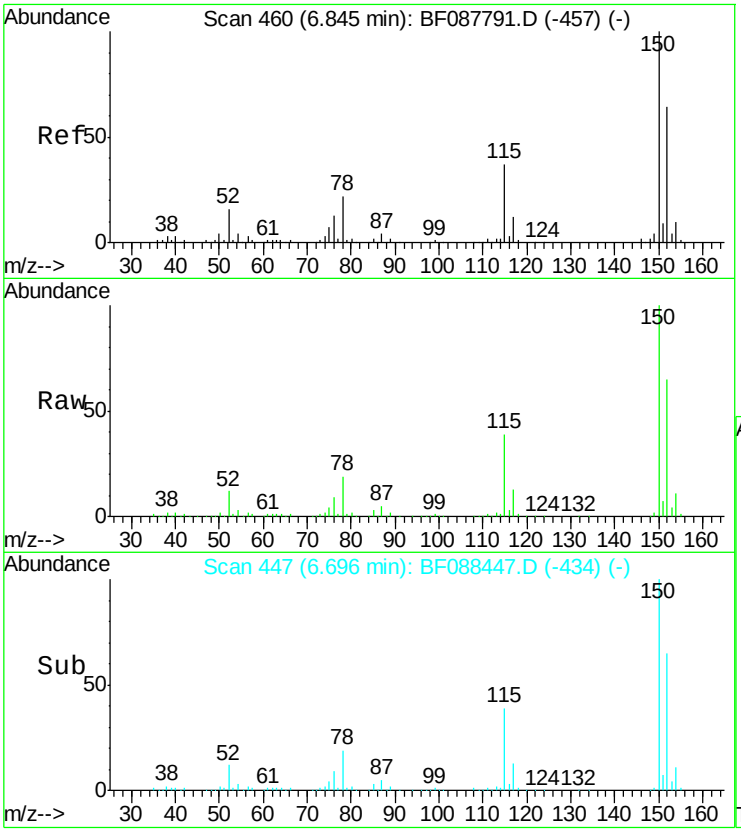


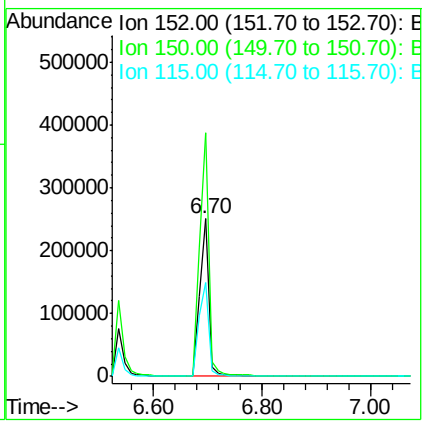


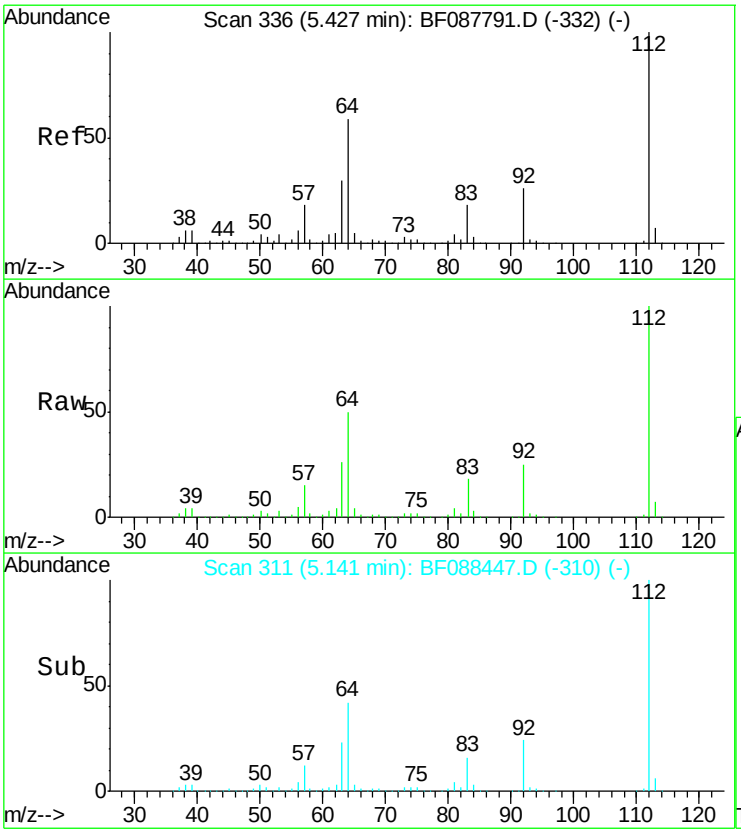
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.15 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:152 Resp: 286620

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	59.9	39.6	59.4#

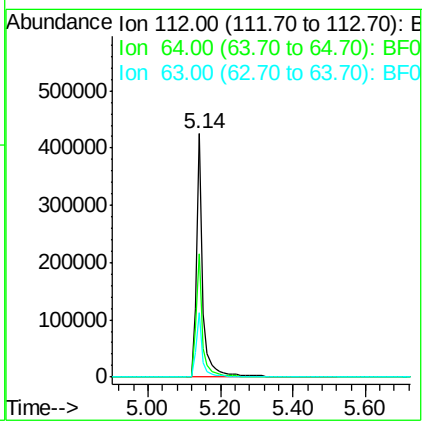


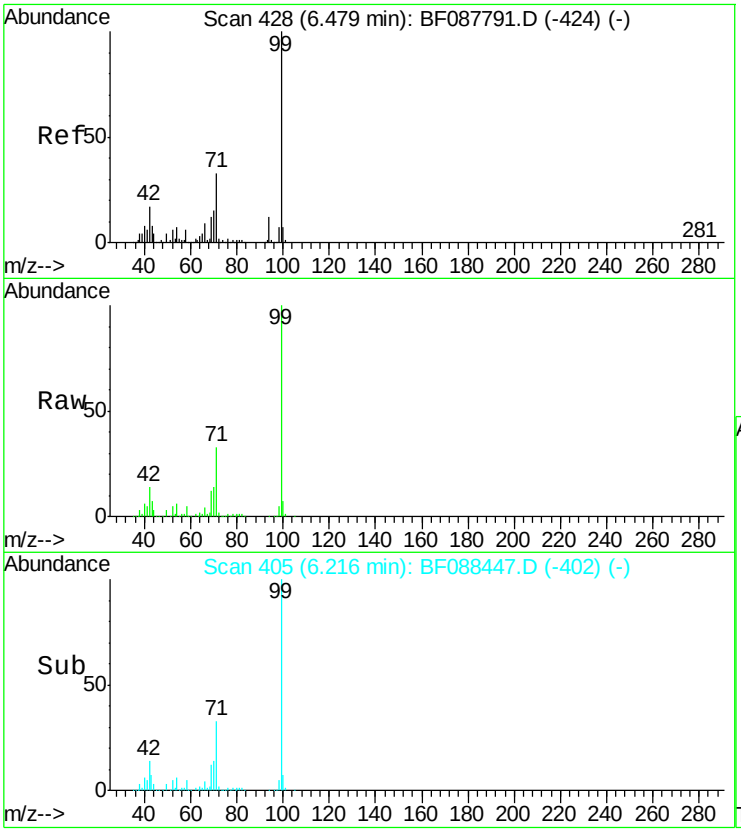


#5
2-Fluorophenol
Concen: 32.60 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.29 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:112 Resp: 546524

Ion	Ratio	Lower	Upper
112	100		
64	50.4	42.2	63.2
63	26.5	21.8	32.8



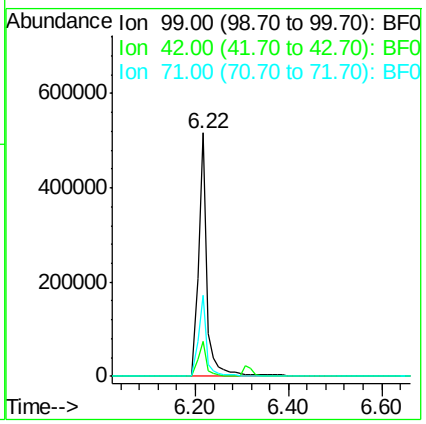


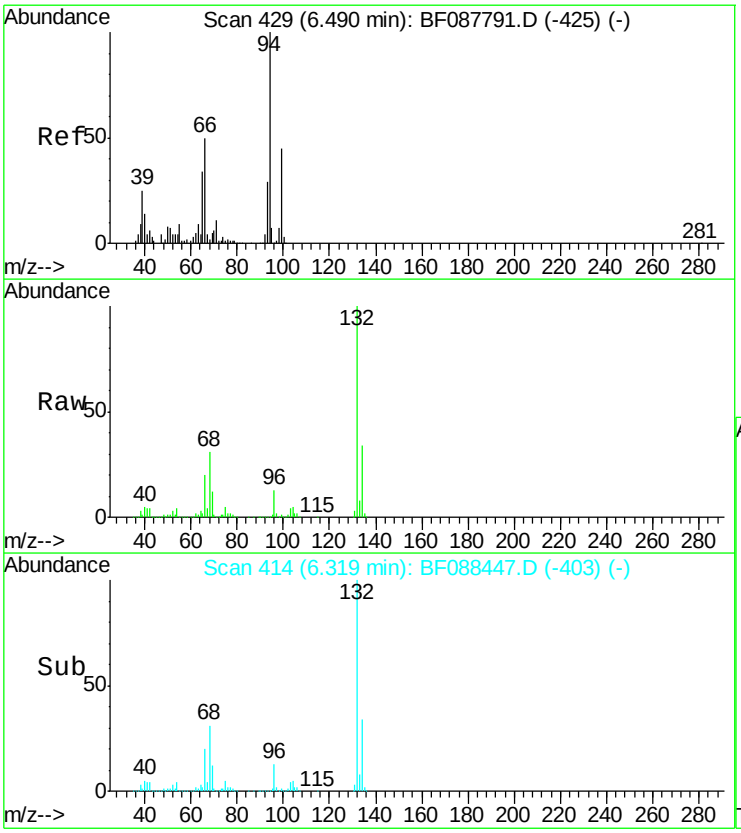
#7
Phenol-d6
Concen: 32.34 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.26 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion: 99 Resp: 657017

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.2	18.2
71	33.4	23.4	35.0

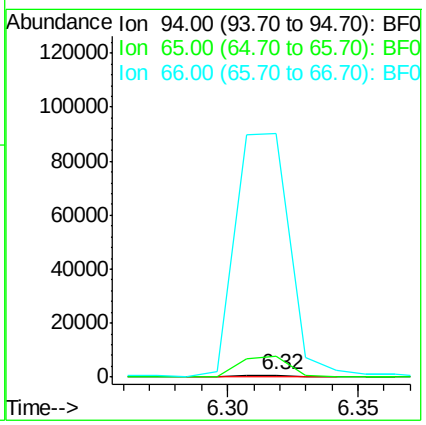


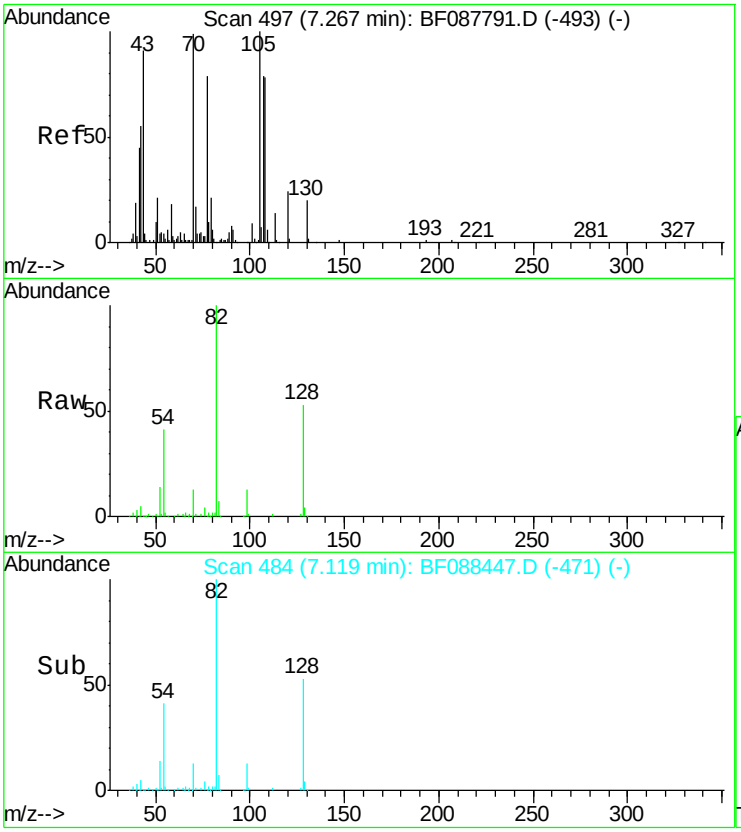


#10
Phenol
Concen: Below Cal
RT: 6.32 min Scan# 414
Delta R.T. -0.17 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion: 94 Resp: 1071

Ion	Ratio	Lower	Upper
94	100		
65	918.0	5.9	45.9#
66	10752.8	14.0	54.0#



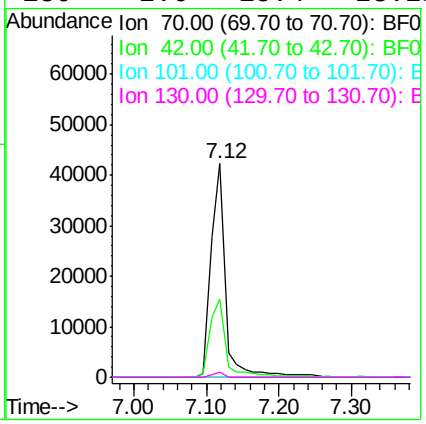


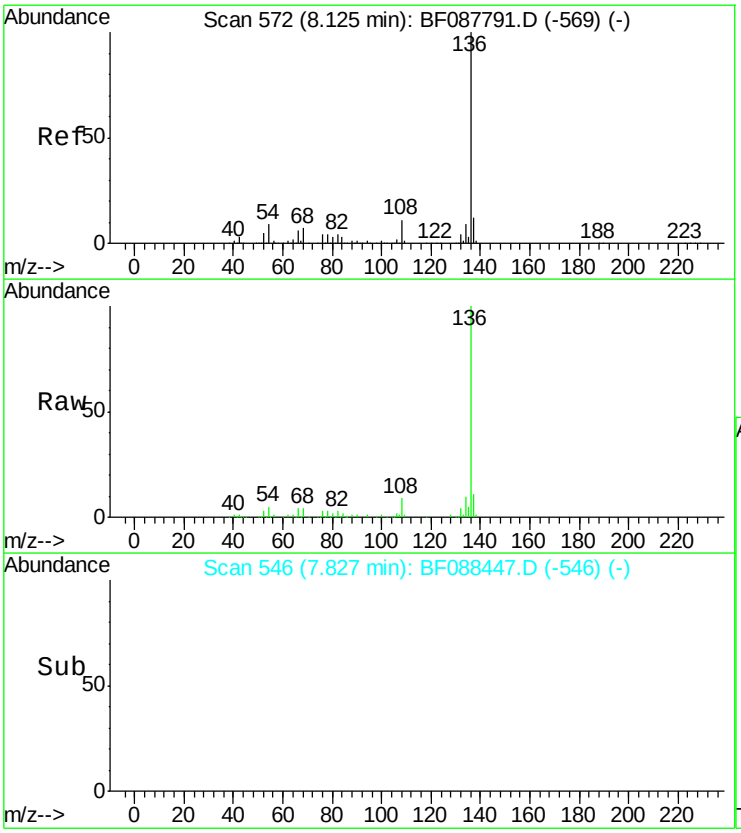
#19
n-Nitroso-di-n-propylamine
Concen: 4.51 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion: 70 Resp: 58579

Ion	Ratio	Lower	Upper
70	100		
42	36.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#

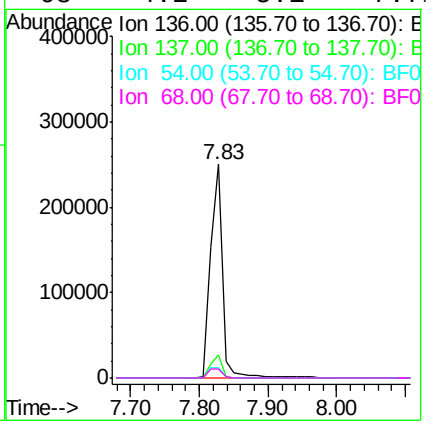


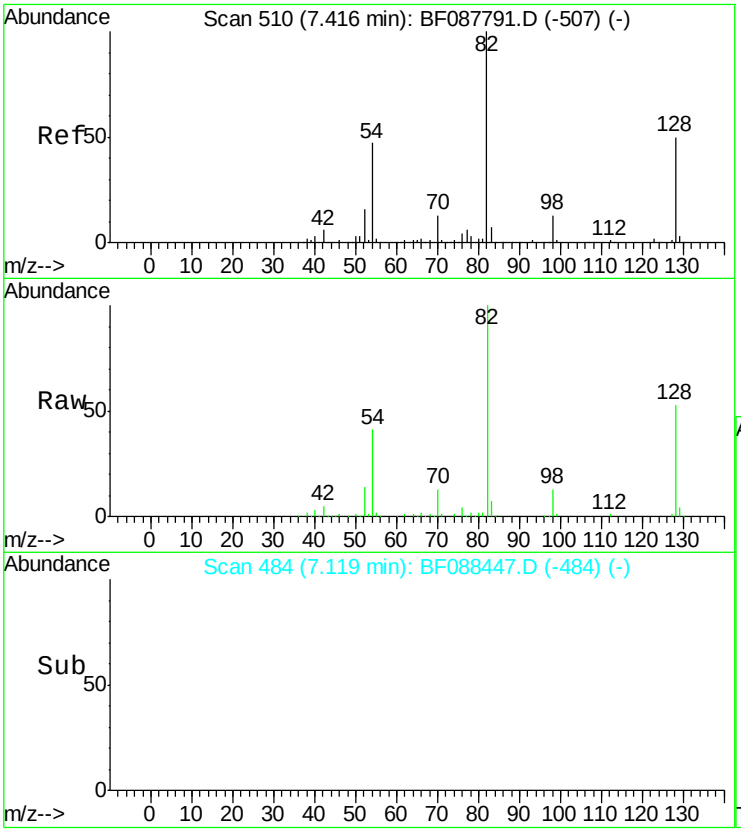


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.30 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:136 Resp: 310530

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.0	6.6	10.0#
68	4.2	5.1	7.7#



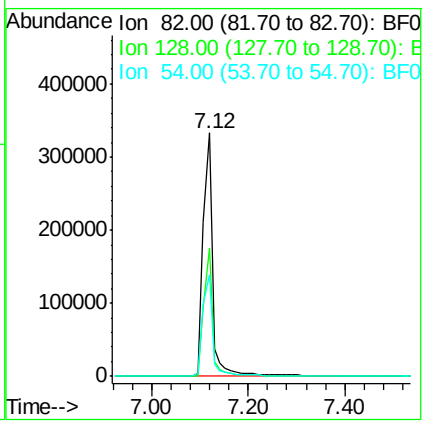


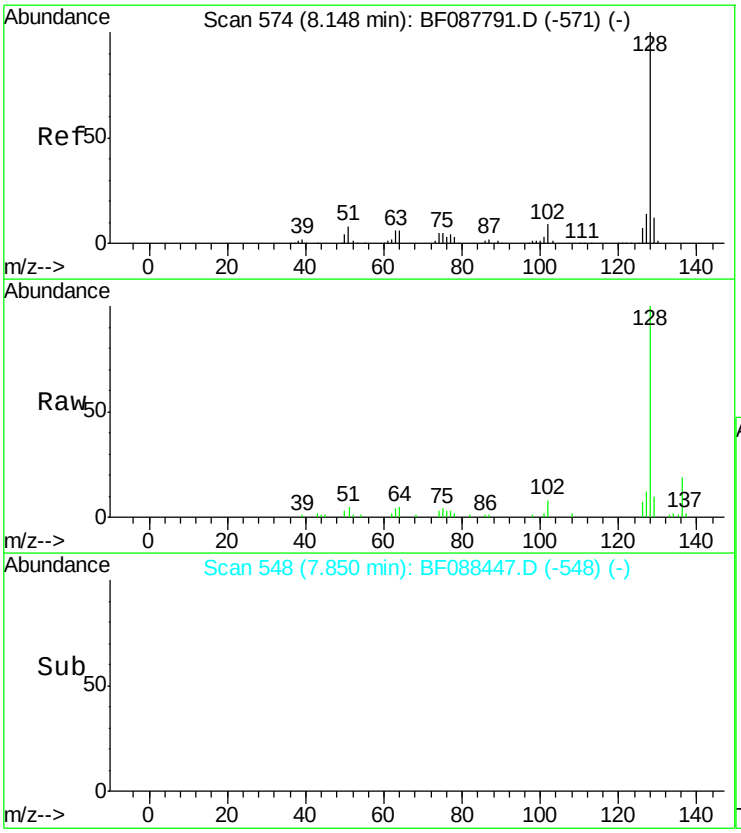
#23
Nitrobenzene-d5
Concen: 86.01 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.30 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion: 82 Resp: 457408

Ion	Ratio	Lower	Upper
82	100		
128	53.0	35.9	53.9
54	41.5	40.9	61.3

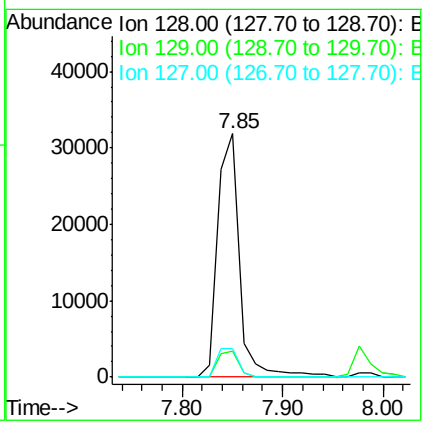


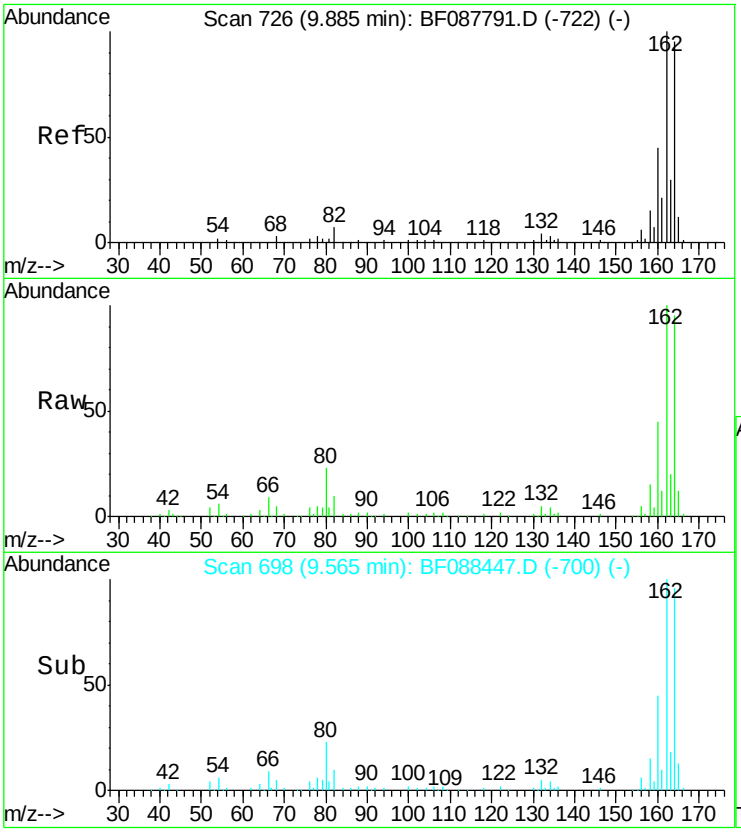


#31
Naphthalene
Concen: 3.13 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.30 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:128 Resp: 48024

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.2
127	11.8	10.9	16.3



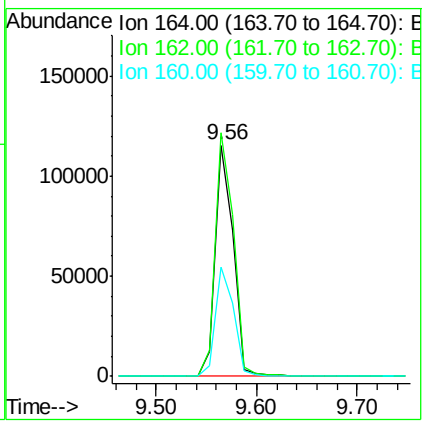


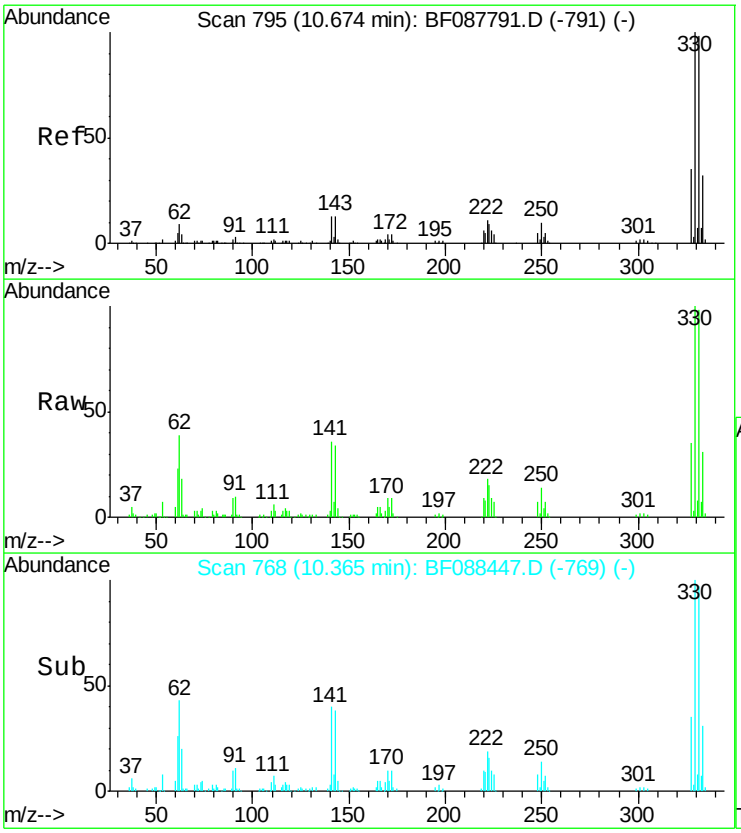
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.32 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:164 Resp: 142685

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	47.3	39.5	59.3

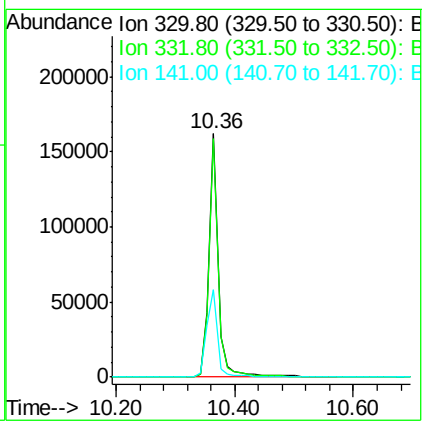


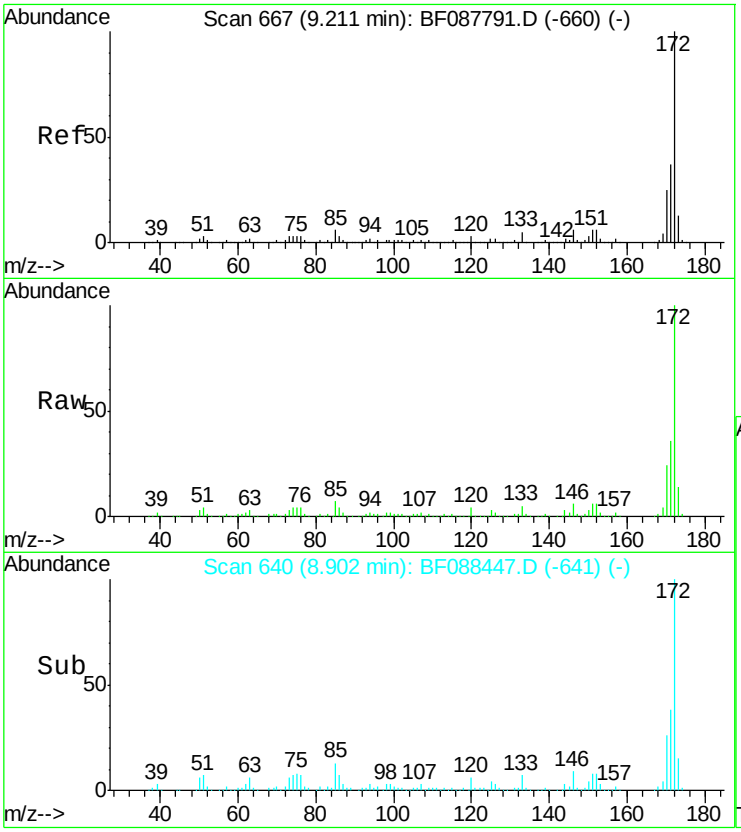


#41
2,4,6-Tribromophenol
Concen: 118.64 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:330 Resp: 178745

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	41.7	0.0	0.0#



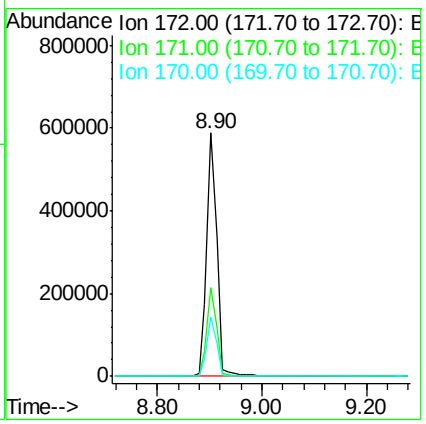


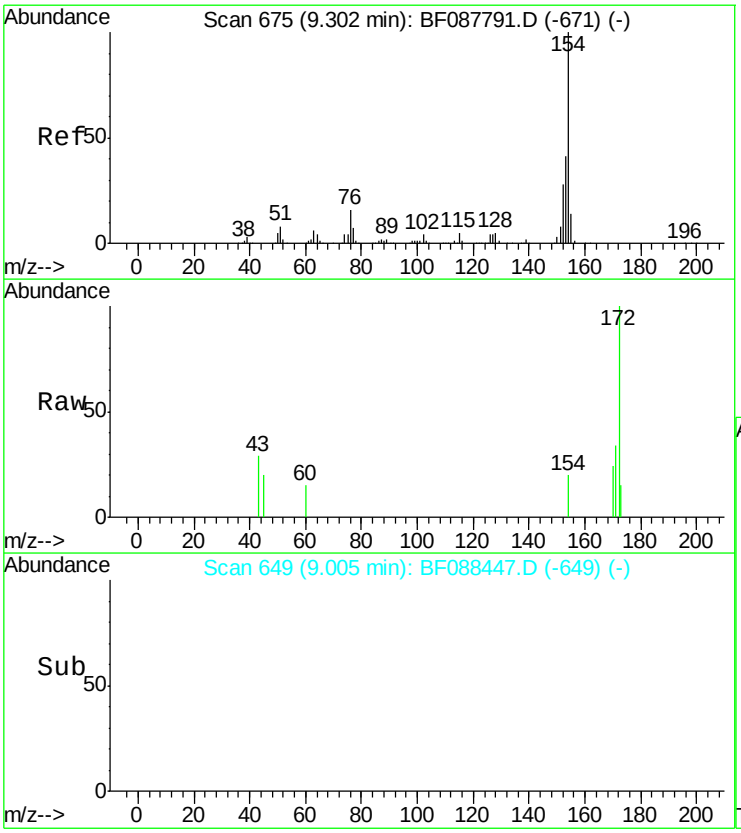
#44
2-Fluorobiphenyl
Concen: 87.93 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.31 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:172 Resp: 796953

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	19.2	28.8

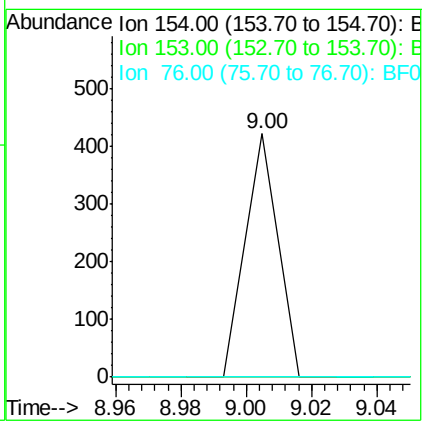


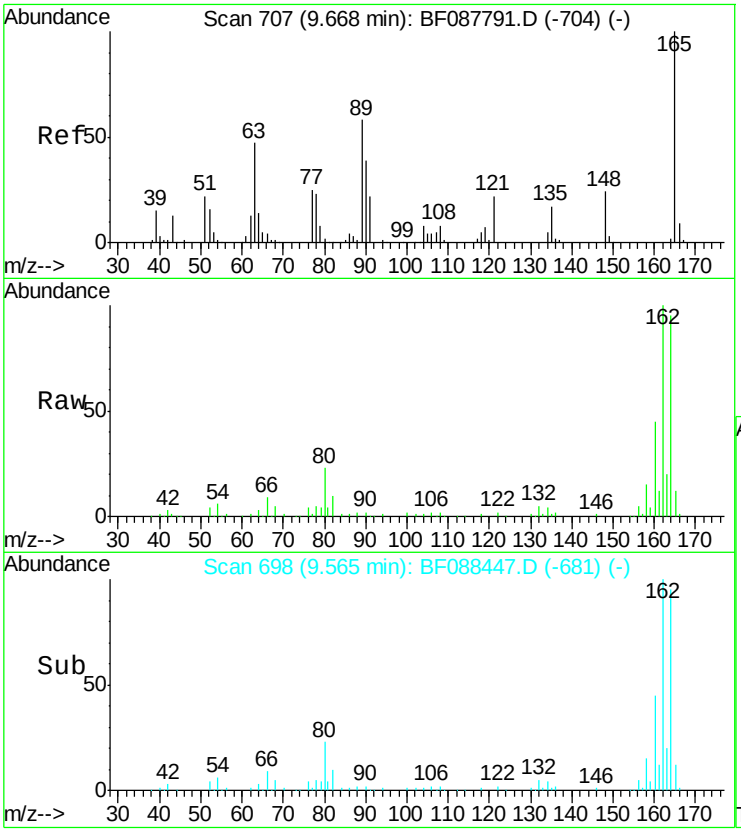


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.00 min Scan# 649
Delta R.T. -0.30 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:154 Resp: 289

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



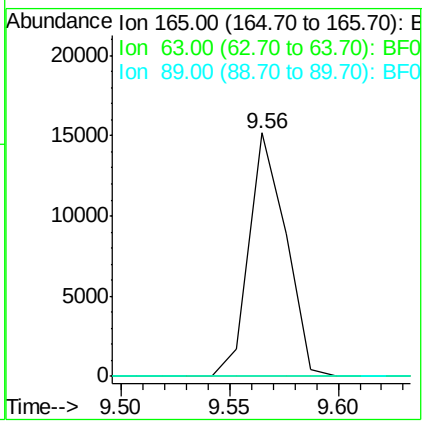


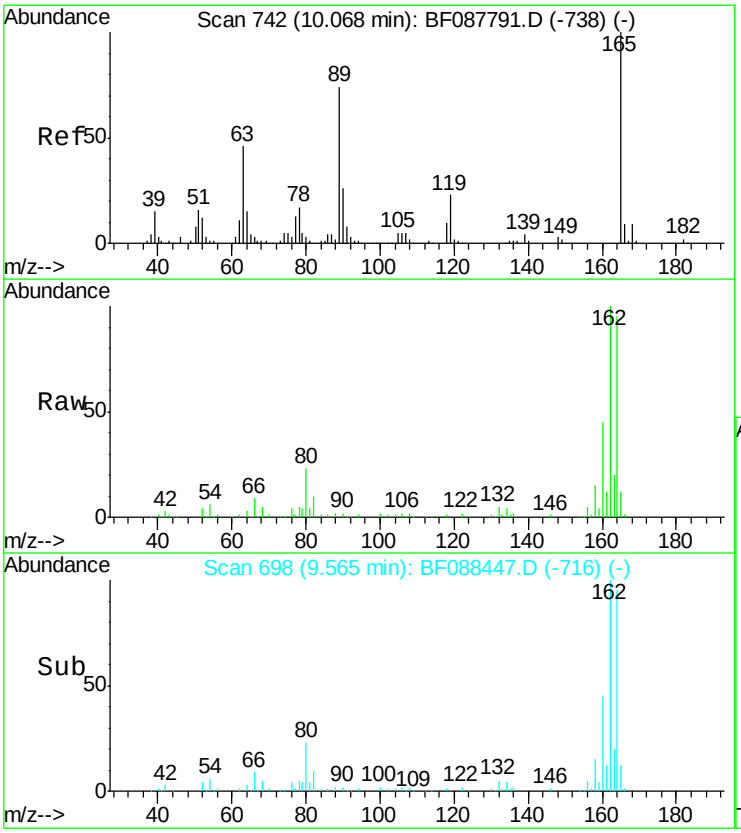
#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.10 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:165 Resp: 17970

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

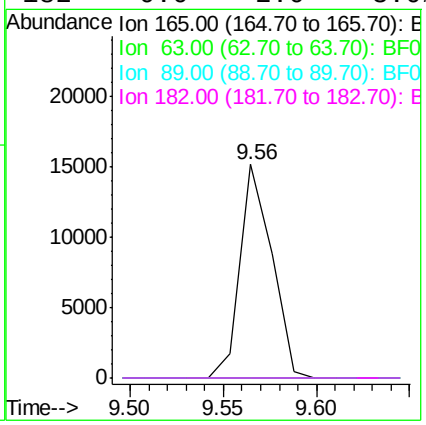


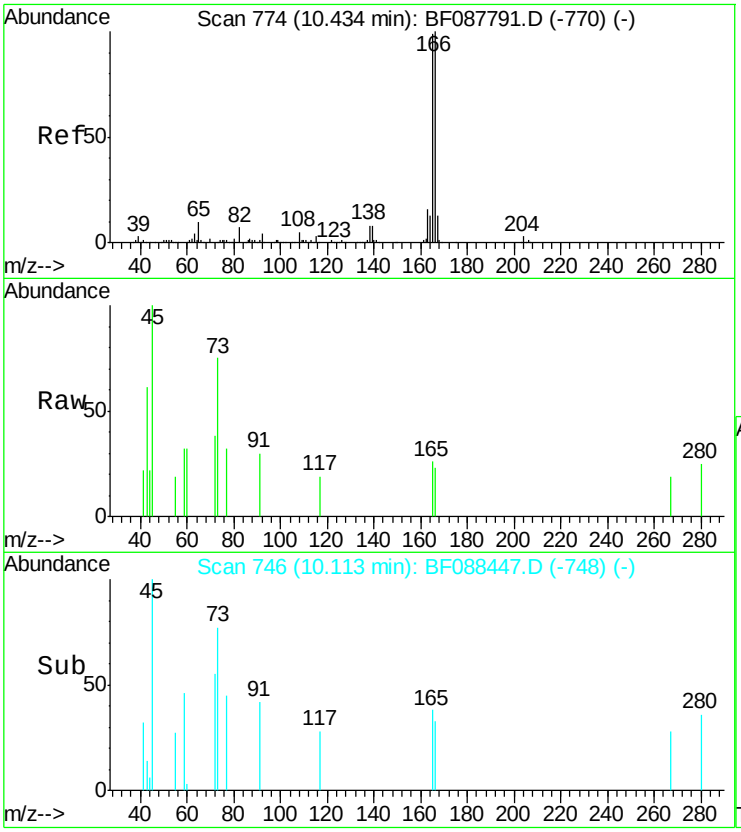


#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.50 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:165 Resp: 17966

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



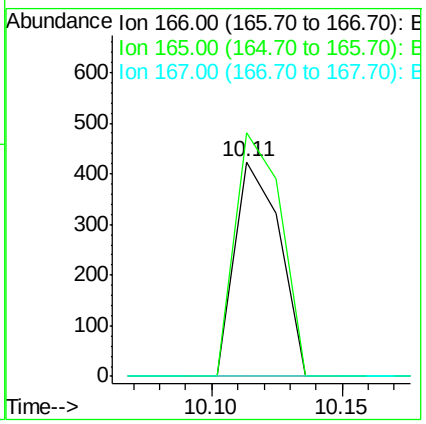


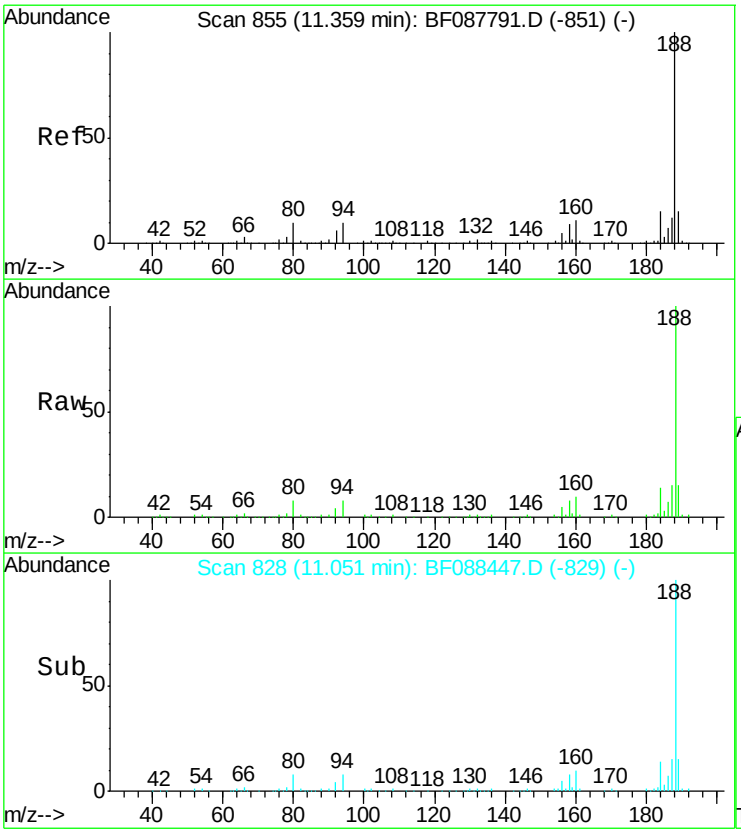
#57
Fluorene
Concen: Below Cal
RT: 10.11 min Scan# 746
Delta R.T. -0.32 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:166 Resp: 512

Ion	Ratio	Lower	Upper
166	100		
165	113.4	77.8	116.8
167	0.0	11.2	16.8#

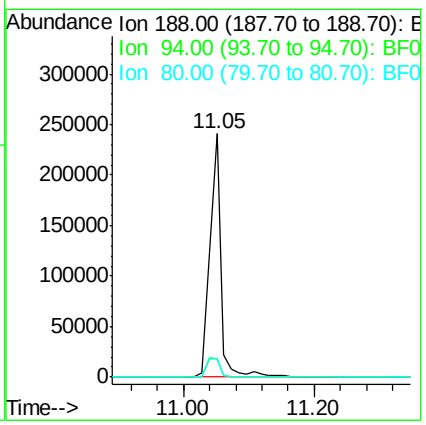


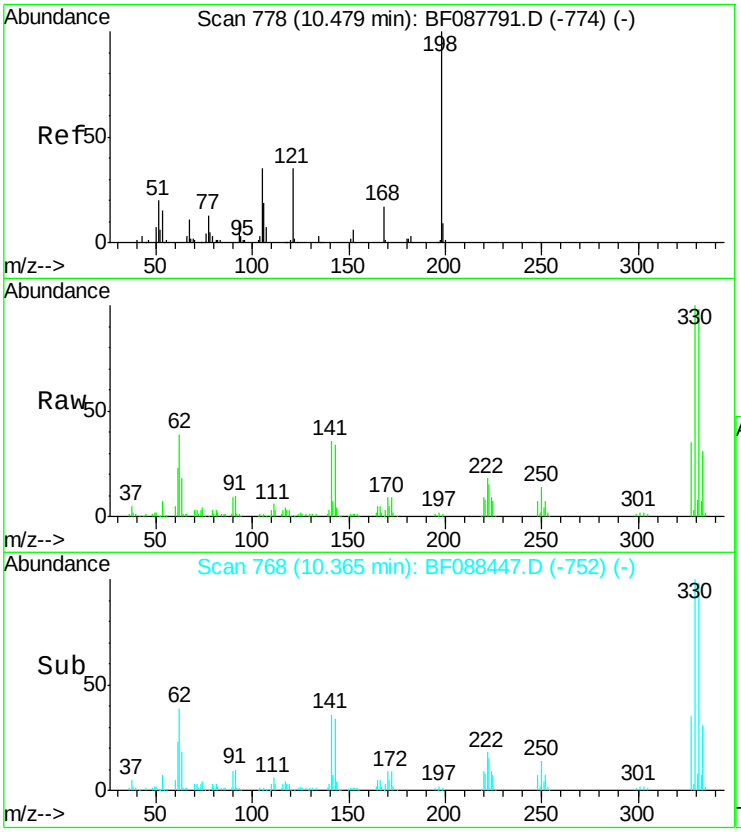


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.31 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:188 Resp: 289235

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.7	10.0	15.0#



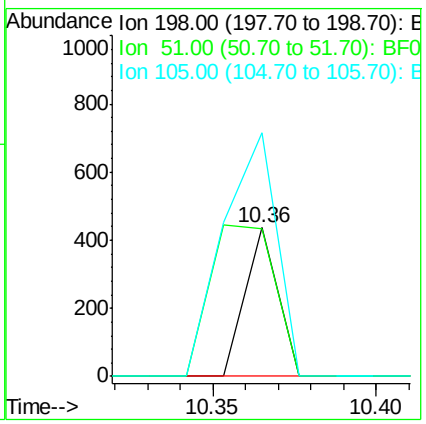


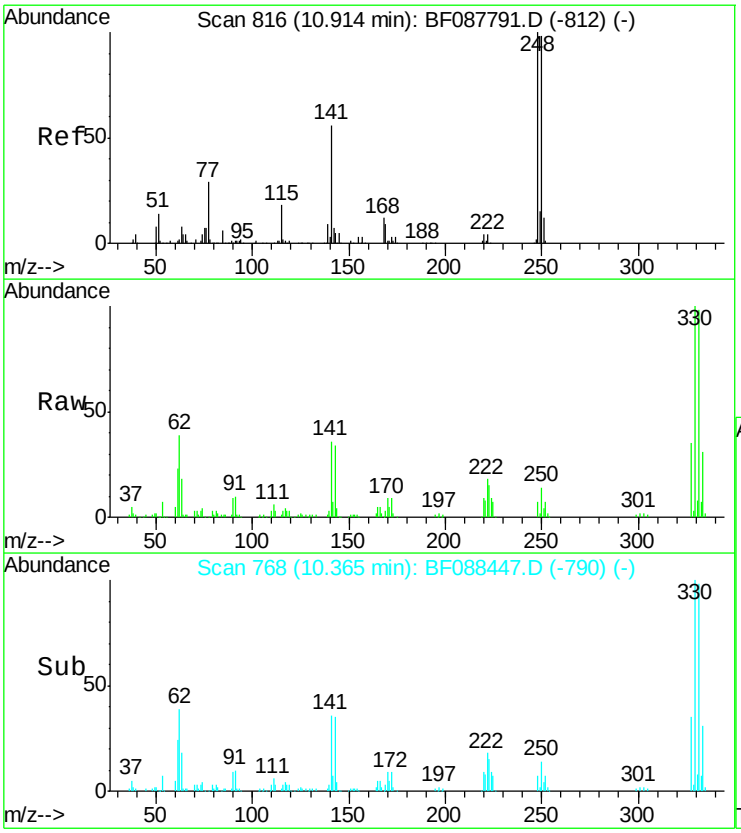
#64
4,6-Dinitro-2-methylphenol
Concen: 2.32 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.11 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:198 Resp: 300

Ion	Ratio	Lower	Upper
198	100		
51	98.9	39.6	79.6#
105	163.6	36.6	76.6#

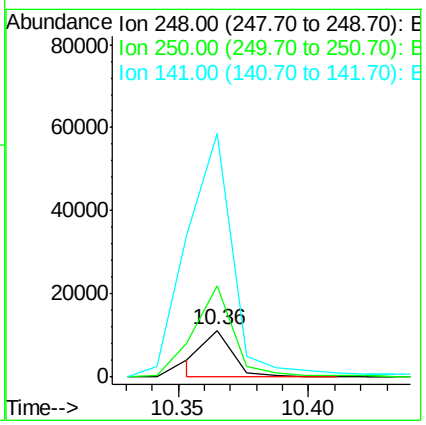


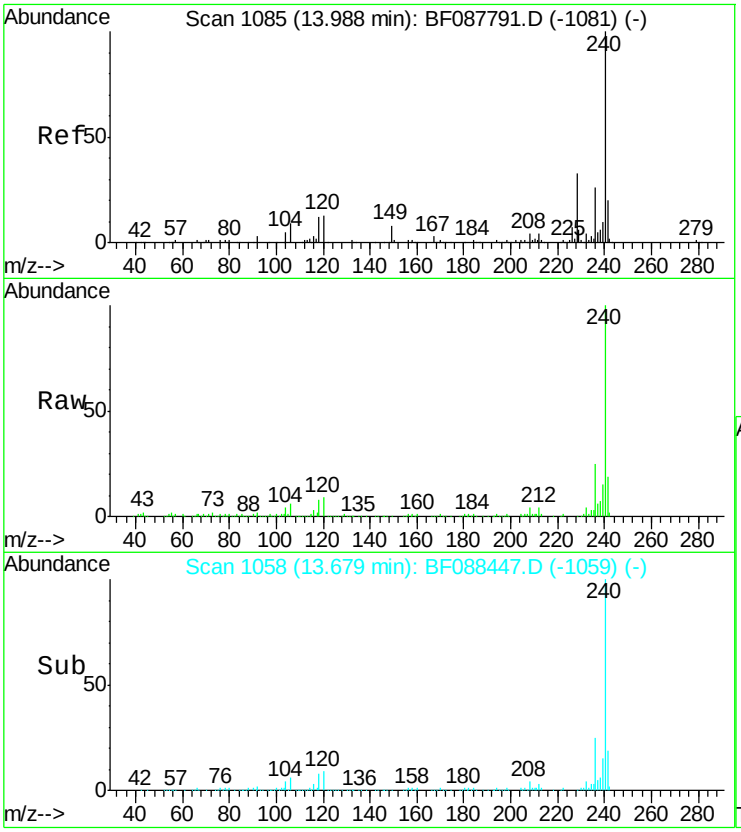


#66
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.55 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:248 Resp: 8765

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.1	115.7#
141	520.0	50.6	76.0#



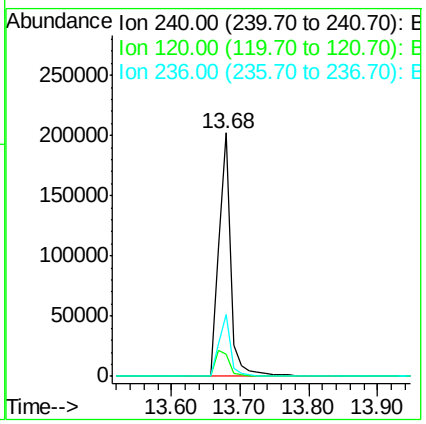


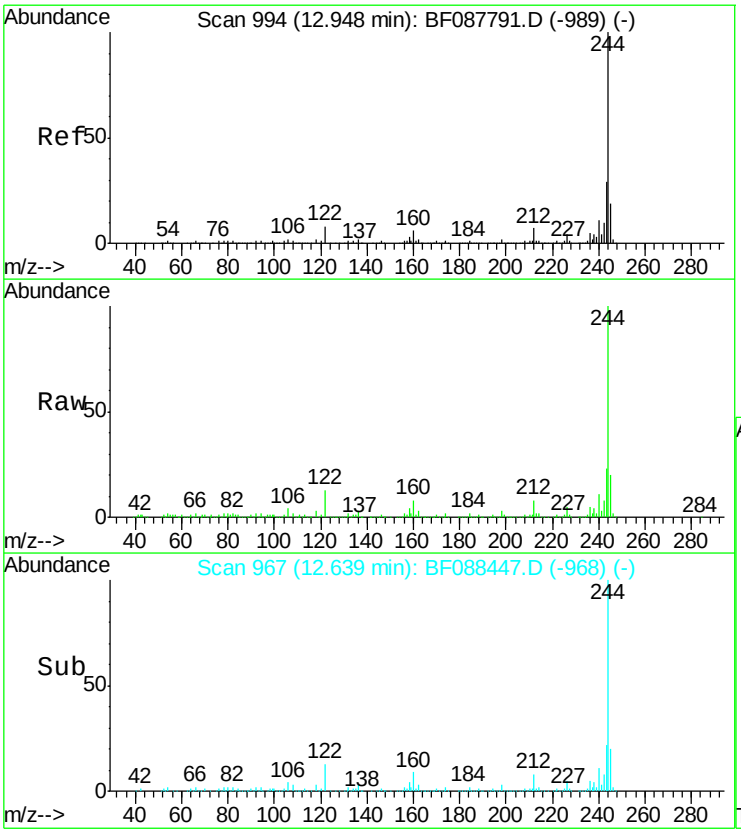
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.31 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:240 Resp: 249037

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.8	10.2
236	25.5	20.2	30.2

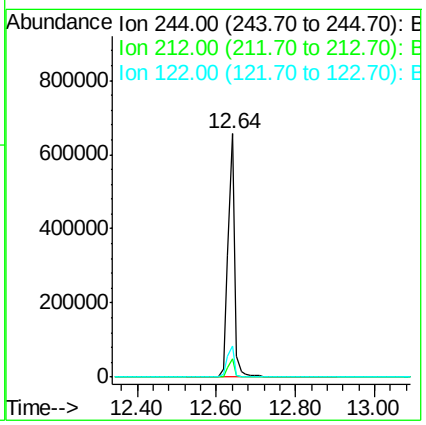


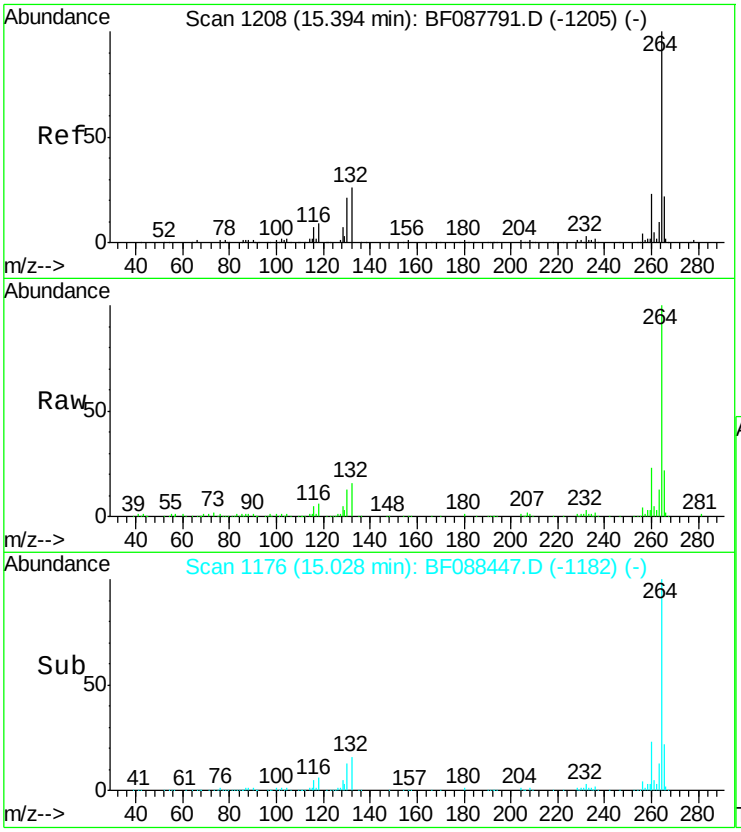


#78
Terphenyl-d14
Concen: 69.83 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.31 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion:244 Resp: 764193

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.8	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.37 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:264 Resp: 201755

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3