Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088154.D
Acq On : 19 Jun 2016 1:22
Operator : UM/SJ
Sample : H3611-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-UP1-COMP

Quant Time: Jun 19 07:53:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	90411	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	326163	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	131502	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	223622	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	176552	20.00	ng		-0.02
86) Perylene-d12	15.21	264	125687	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	697260	131.84	ng		0.02
7) Phenol-d6	6.34	99	754006	117.64	ng		-0.01
23) Nitrobenzene-d5	7.26	82	478365	85.64	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	154666	111.39	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	880550	106.60	ng		-0.02
78) Terphenyl-d14	12.79	244	702836	90.59	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.46	94	1092	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.26	70	60814	14.83	ng	#	69
31) Naphthalene	7.99	128	113850	7.05	ng		98
33) 4-Chloroaniline	7.99	127	14594	2.02	ng	#	30
45) 1,1'-Biphenyl	9.15	154	2056	Below Cal			83
50) 2,6-Dinitrotoluene	9.72	165	16548	7.59	ng	#	37
56) 2,4-Dinitrotoluene	9.72	165	16548	5.90	ng	#	36
57) Fluorene	10.26	166	3748	Below Cal			97
66) 4-Bromophenyl-phenylether	10.51	248	9842	4.10	ng	#	1

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

Quantitation Report (Not Reviewed)

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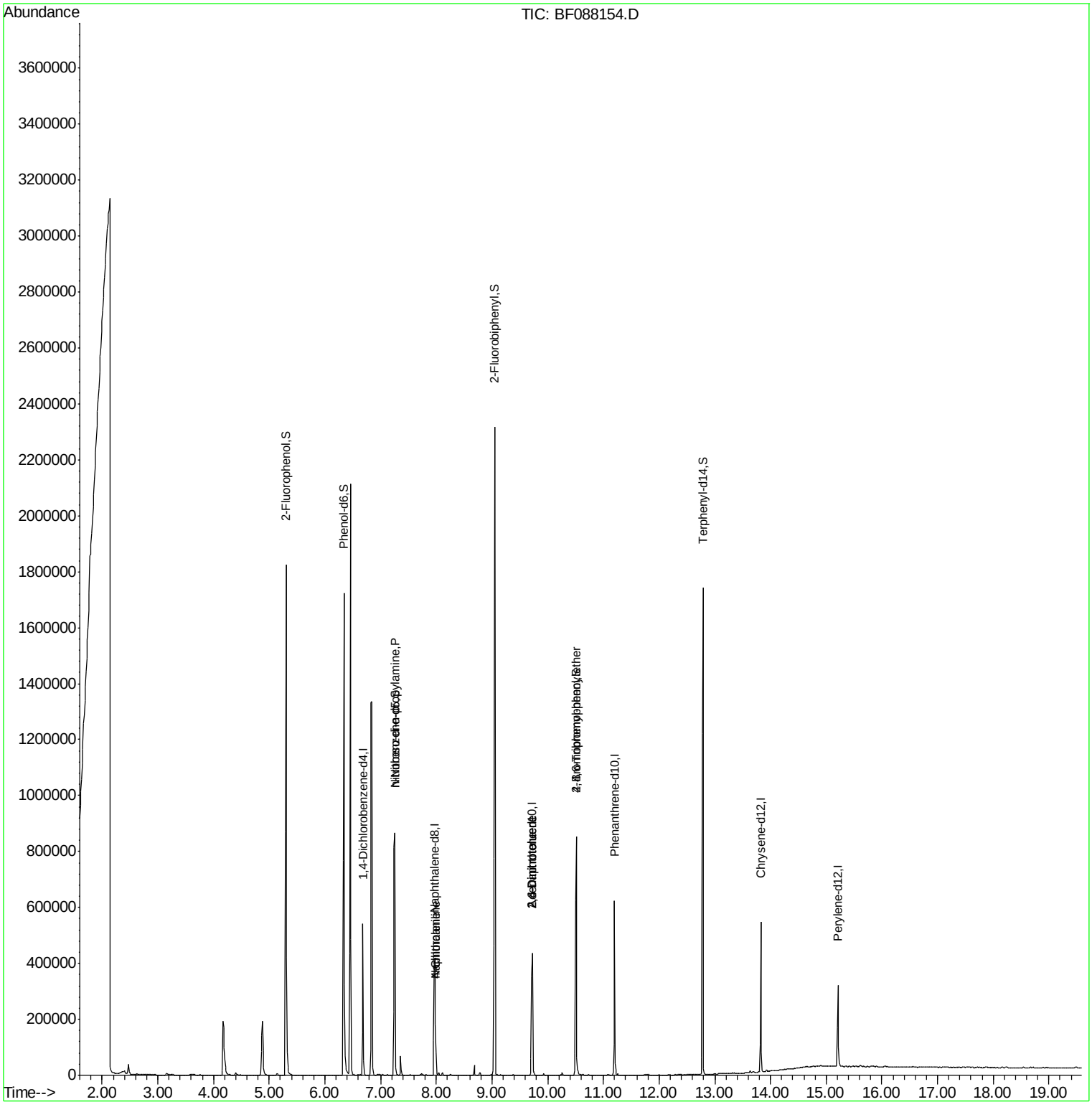
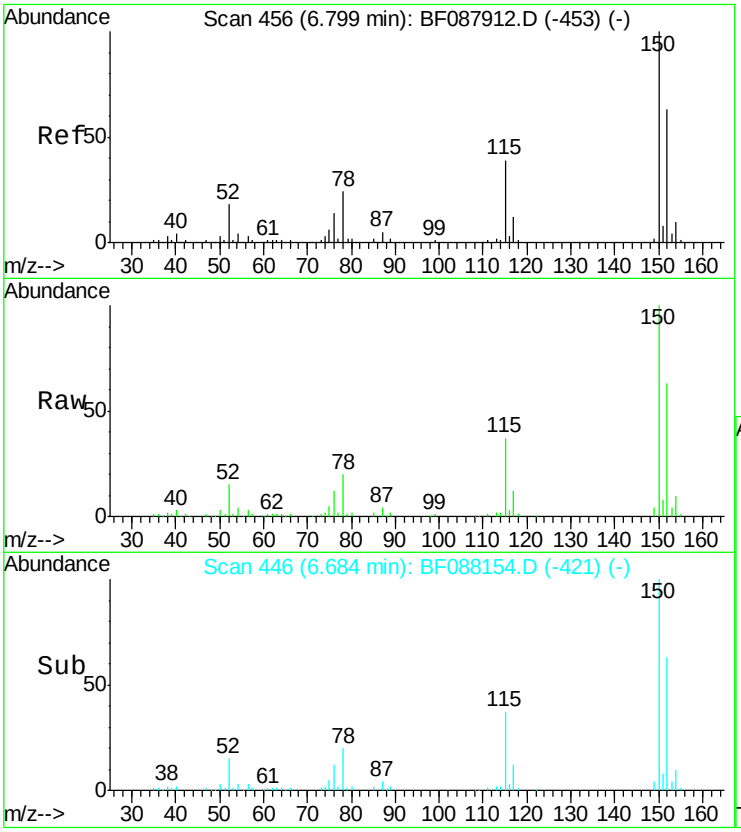


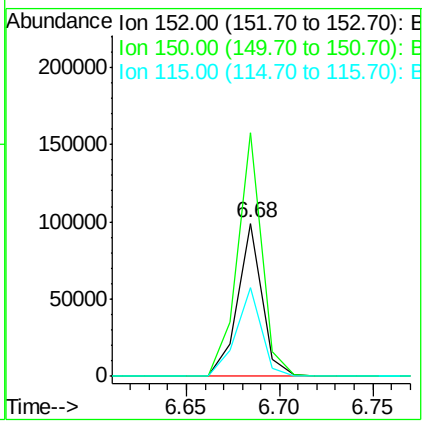


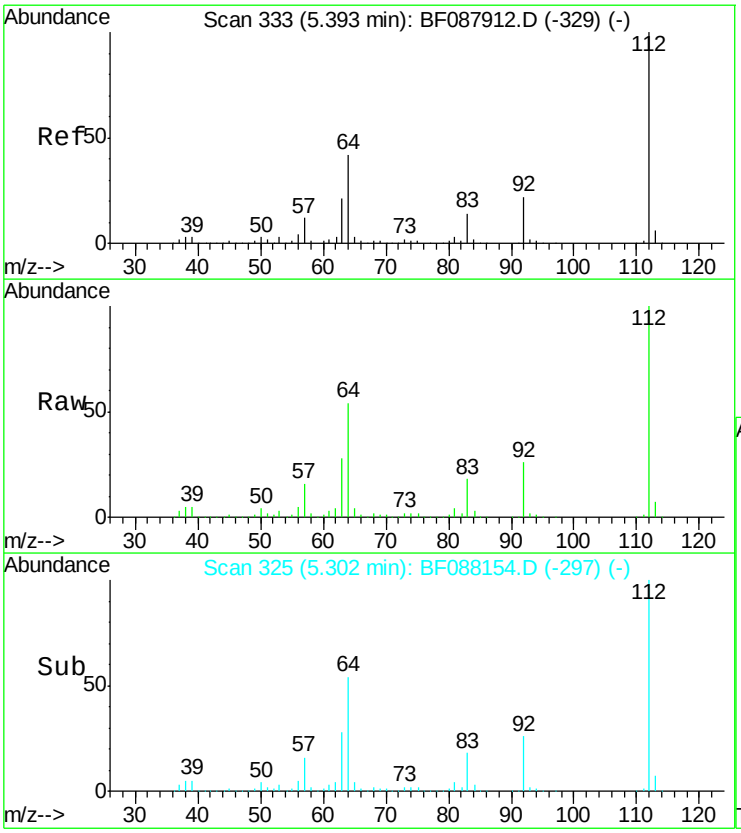
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:152 Resp: 90411

Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.8	185.6
115	58.2	39.6	59.4

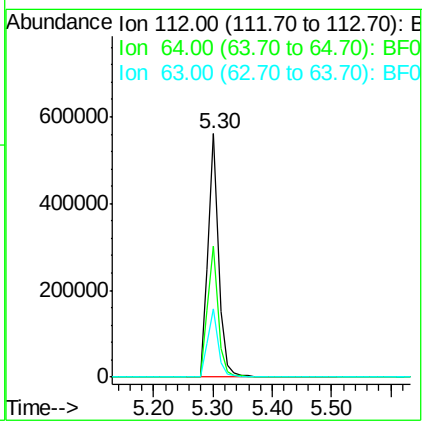


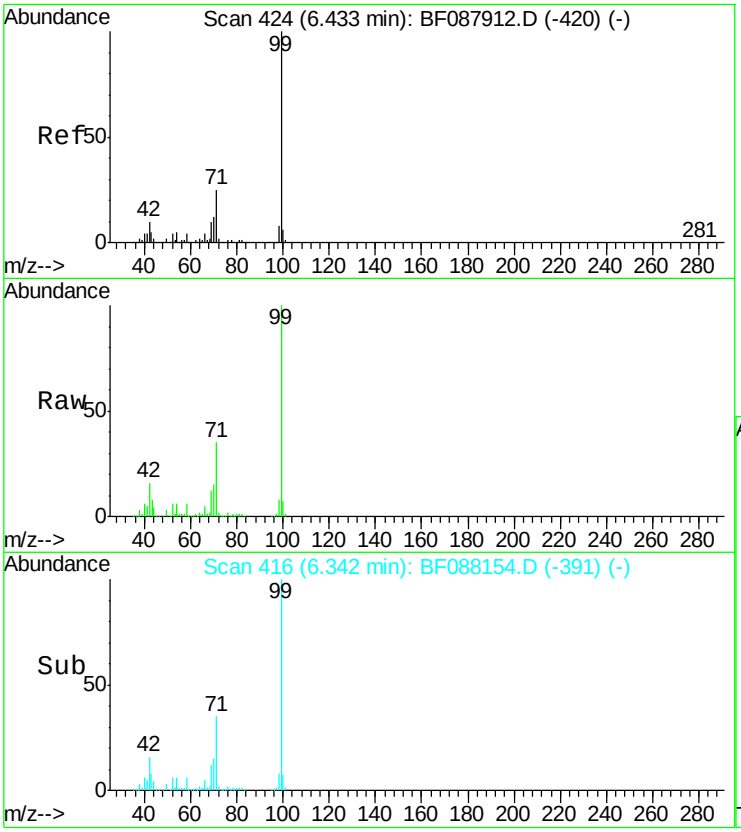


#5
2-Fluorophenol
Concen: 131.84 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:112 Resp: 697260

Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.2	63.2
63	27.9	21.8	32.8



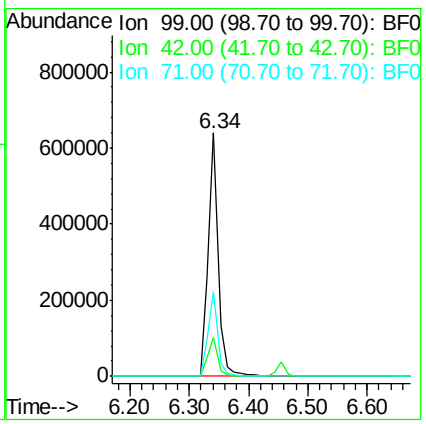


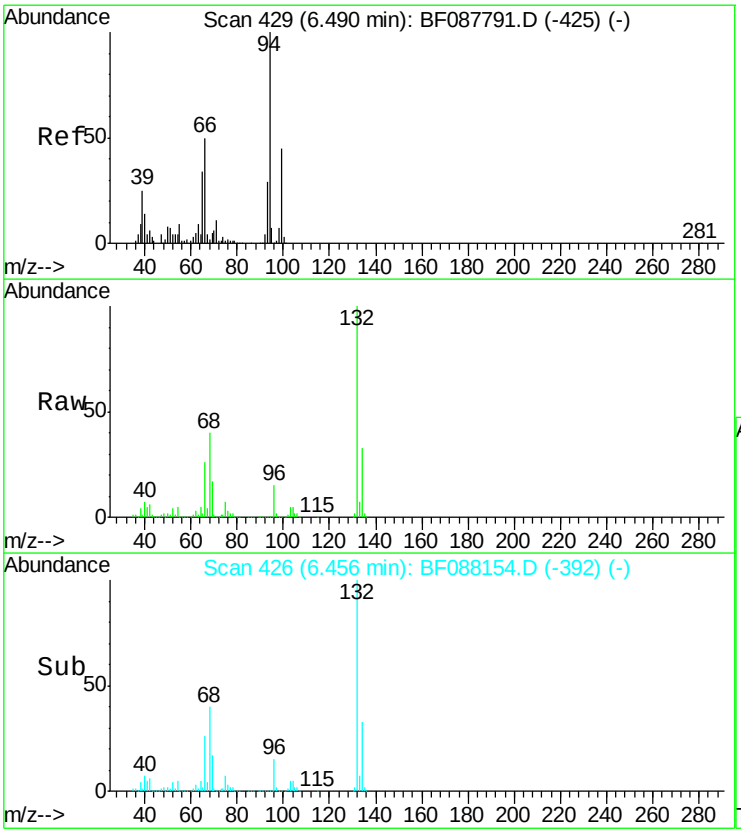
#7
Phenol-d6
Concen: 117.64 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion: 99 Resp: 754006

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.2	18.2
71	34.7	23.4	35.0

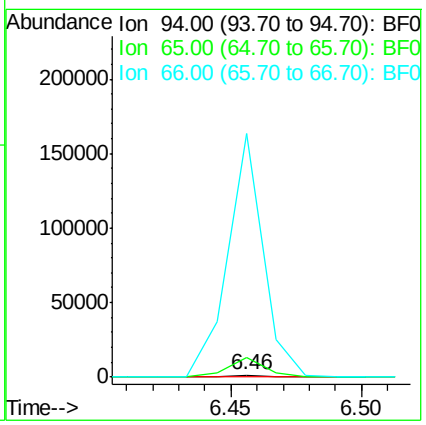


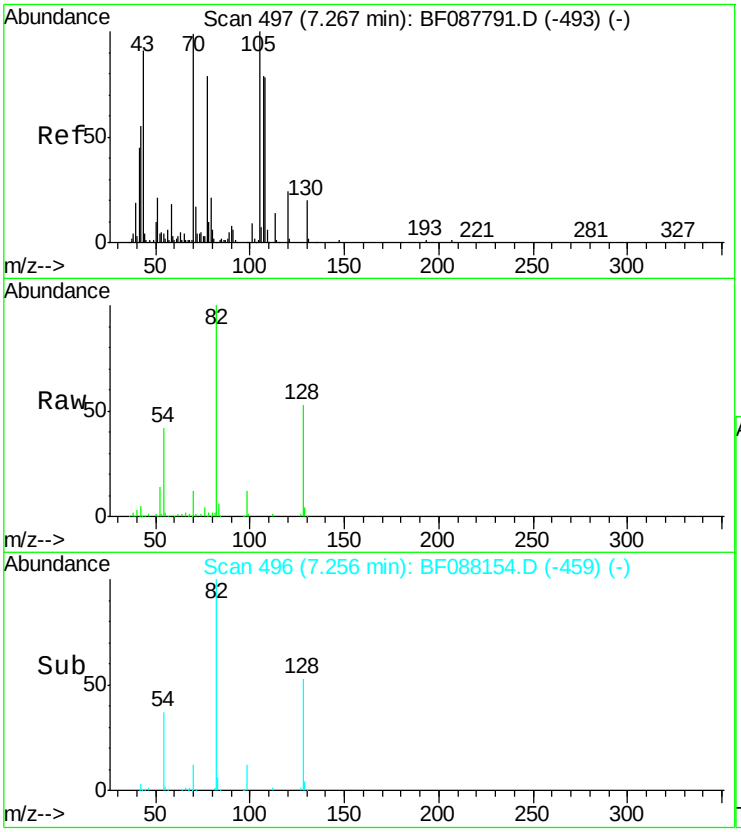


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. 0.09 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion: 94 Resp: 1092

Ion	Ratio	Lower	Upper
94	100		
65	1002.6	5.9	45.9#
66	12705.4	14.0	54.0#



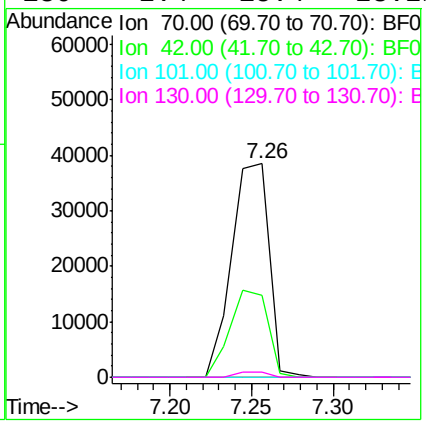


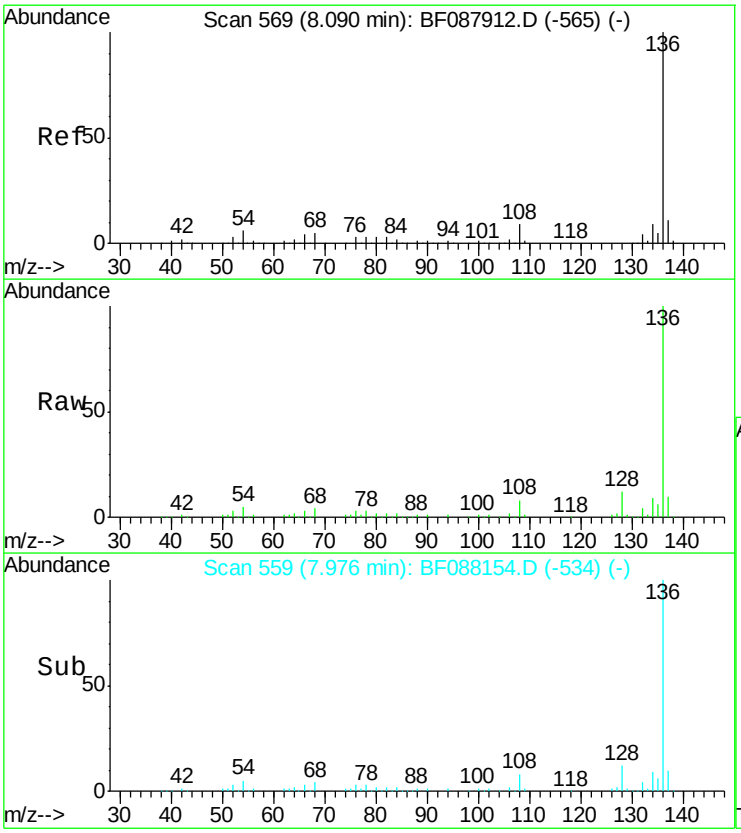
#19
n-Nitroso-di-n-propylamine
Concen: 14.83 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion: 70 Resp: 60814

Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#

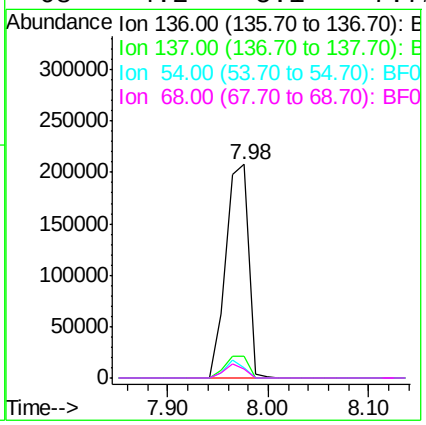


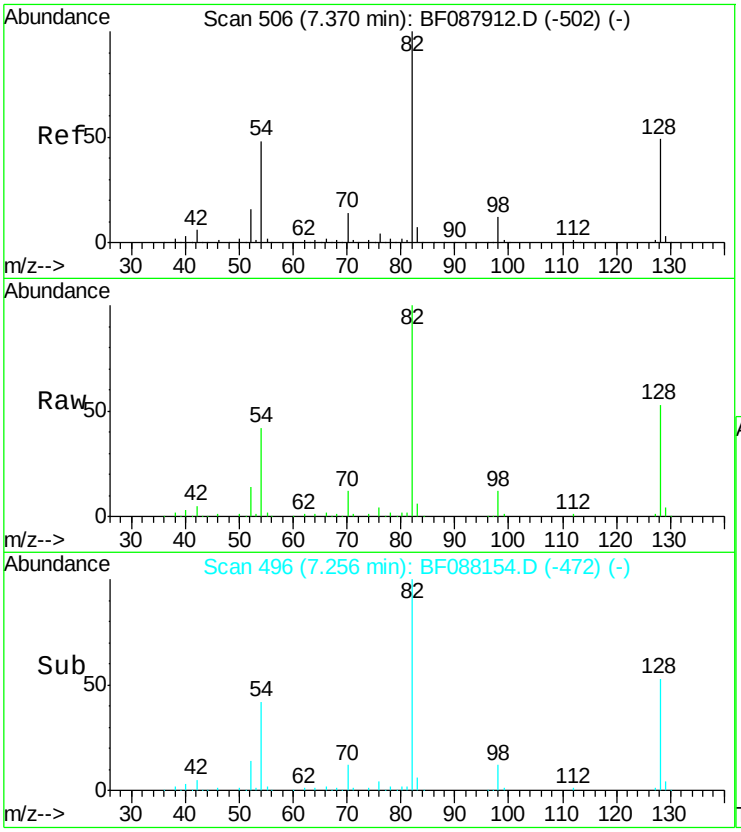


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:136 Resp: 326163

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	4.7	6.6	10.0#
68	4.2	5.1	7.7#



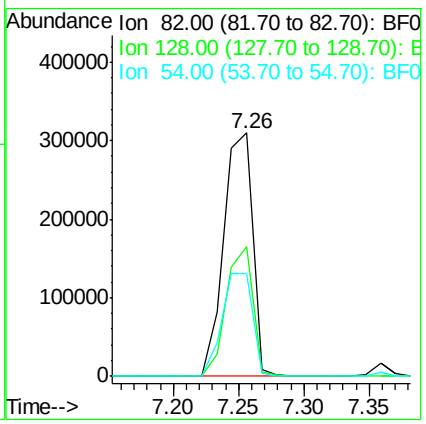


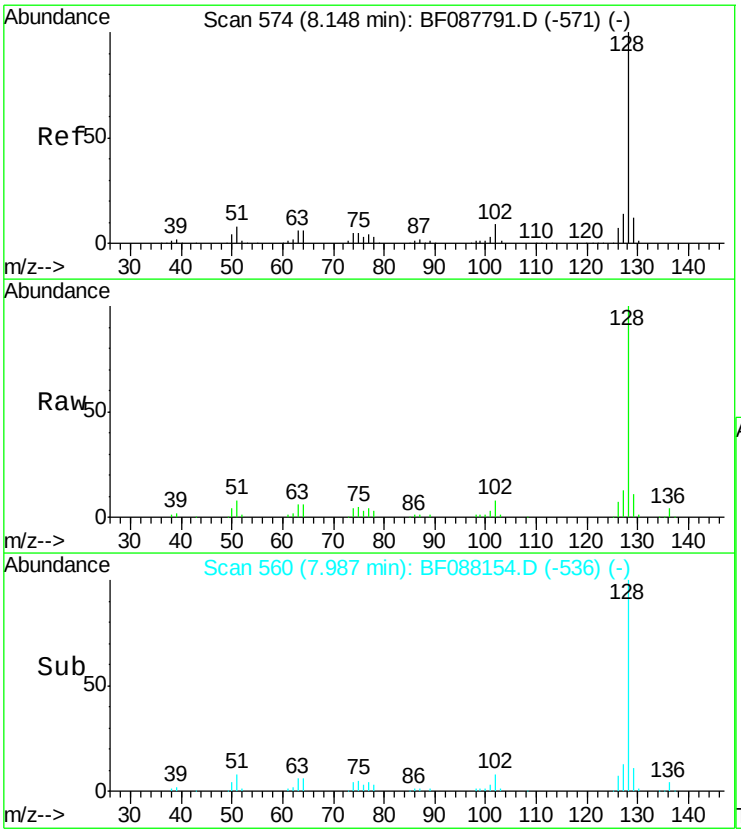
#23
Nitrobenzene-d5
Concen: 85.64 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion: 82 Resp: 478365

Ion	Ratio	Lower	Upper
82	100		
128	53.2	35.9	53.9
54	42.3	40.9	61.3

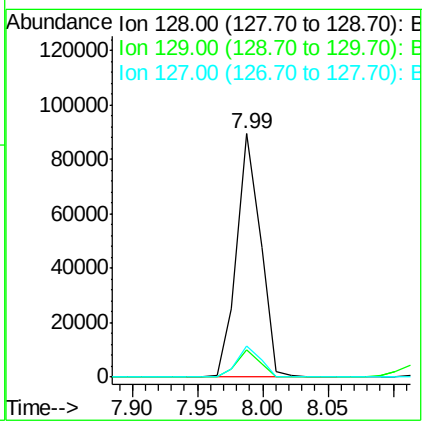


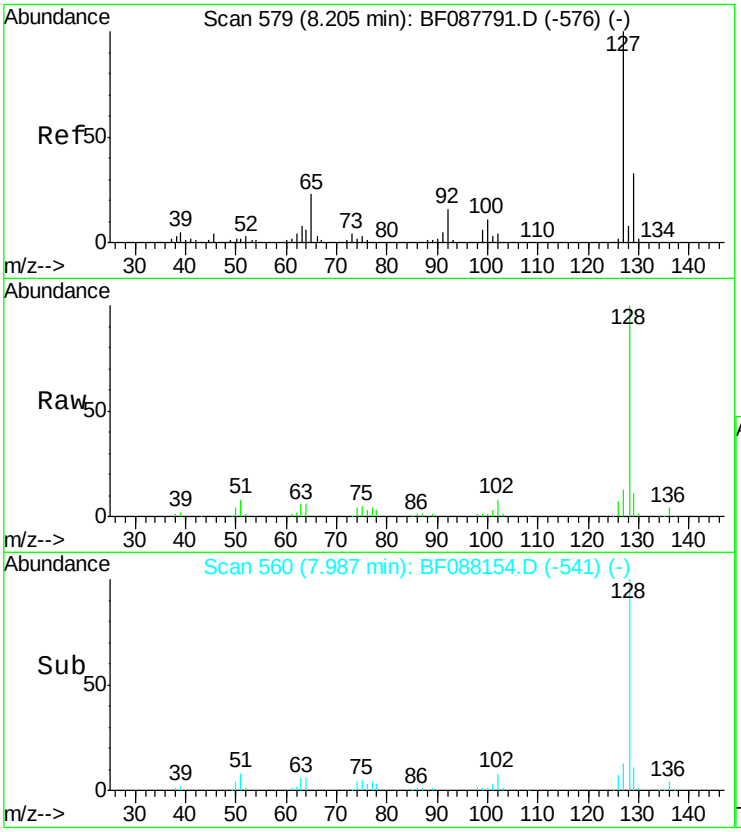


#31
Naphthalene
Concen: 7.05 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:128 Resp: 113850

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.8	10.9	16.3



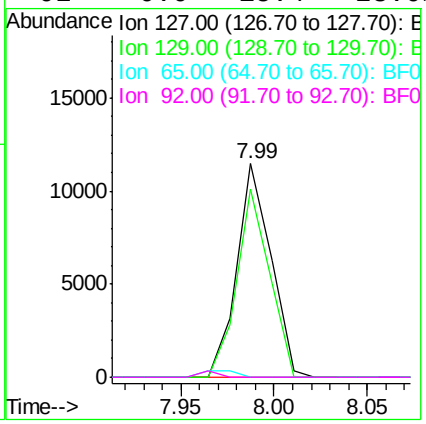


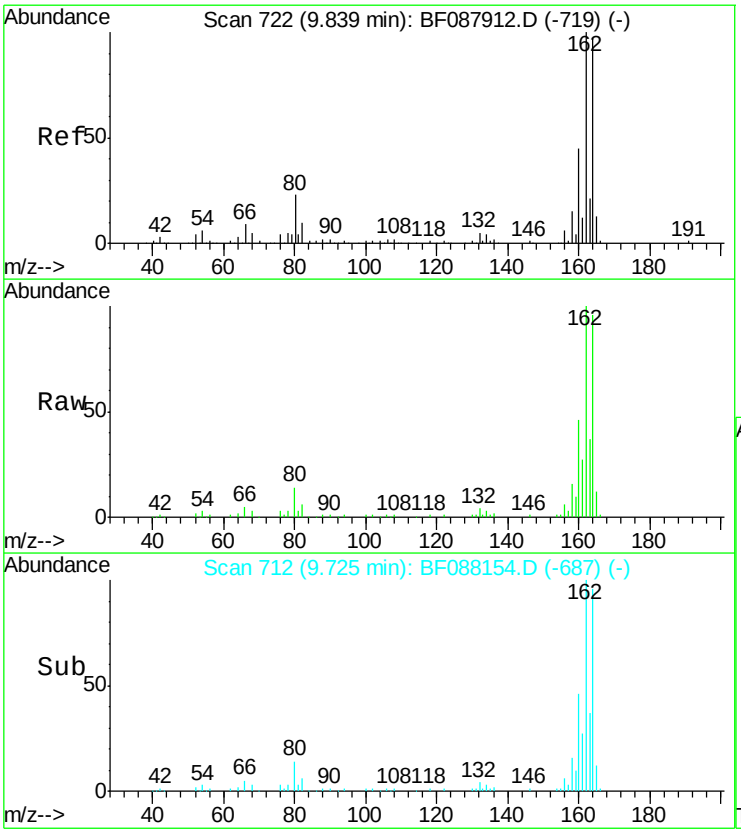
#33
4-Chloroaniline
Concen: 2.02 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.08 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:127 Resp: 14594

Ion	Ratio	Lower	Upper
127	100		
129	88.1	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

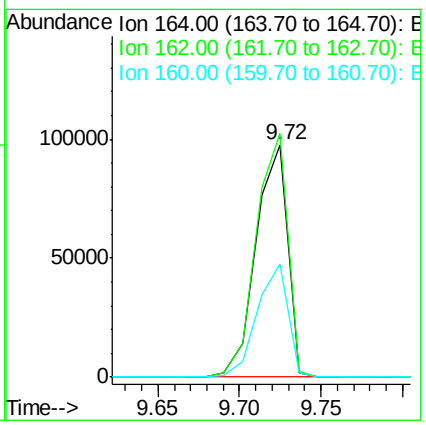


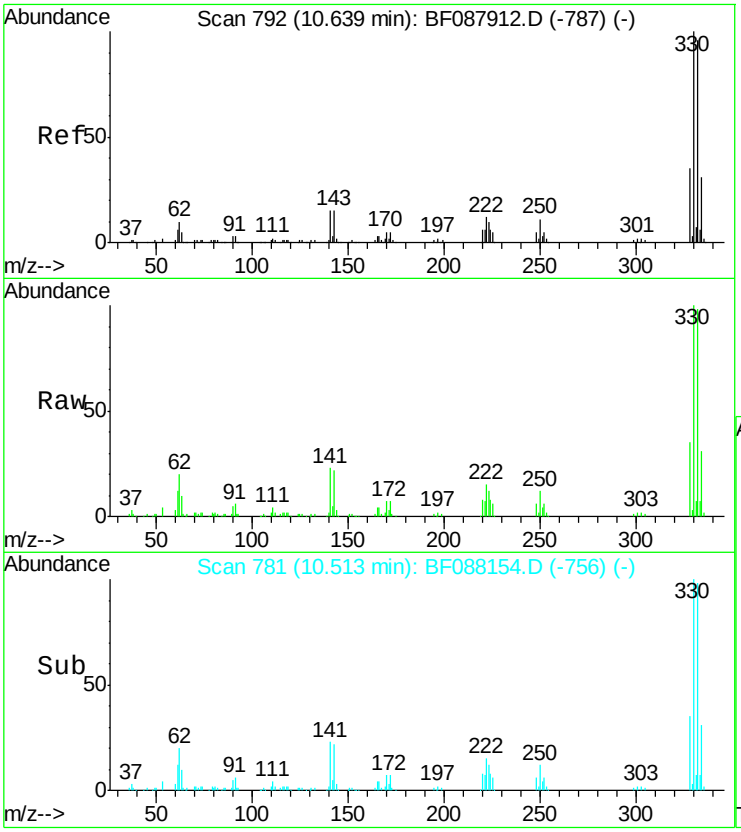


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:164 Resp: 131502

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.2
160	48.6	39.5	59.3



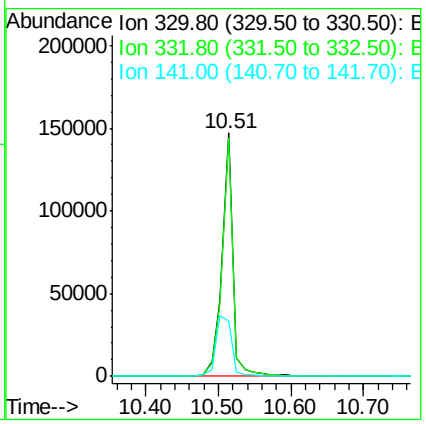


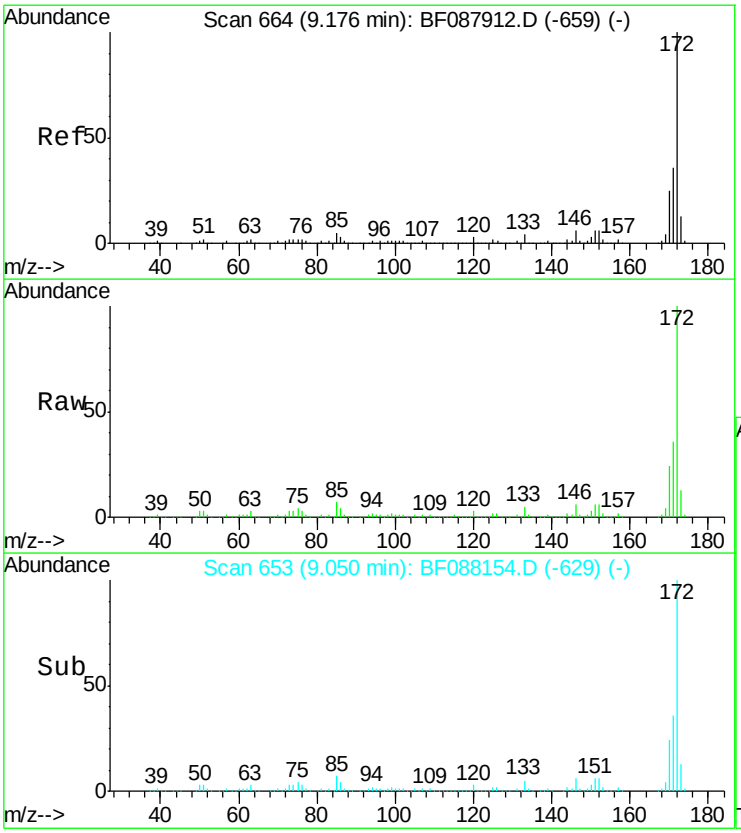
#41
2,4,6-Tribromophenol
Concen: 111.39 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:330 Resp: 154666

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	35.6	0.0	0.0#

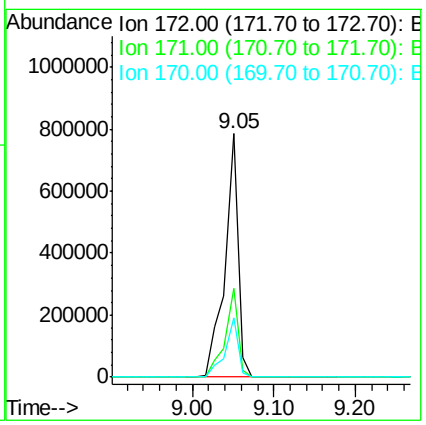


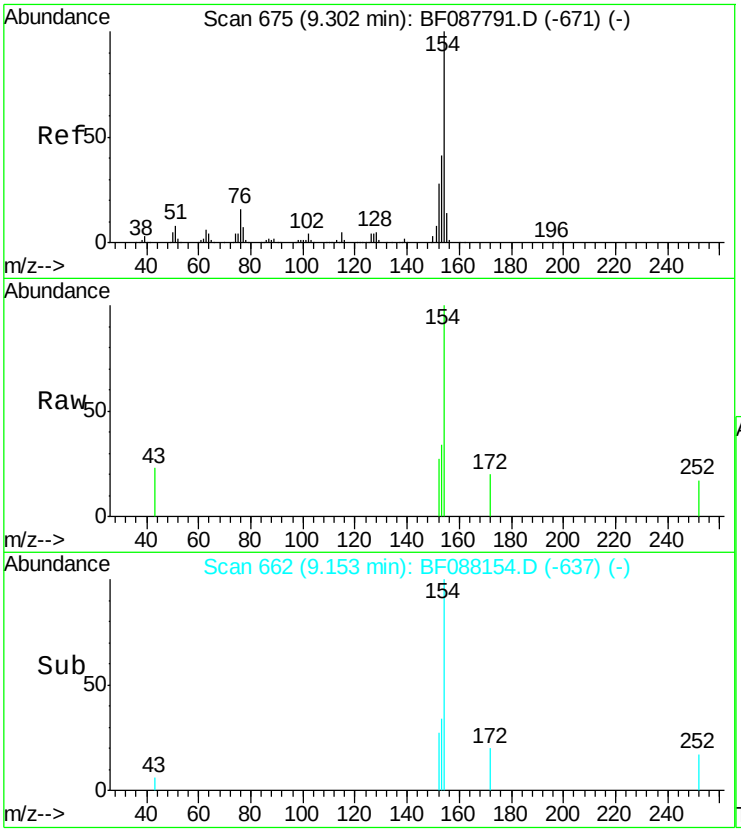


#44
2-Fluorobiphenyl
Concen: 106.60 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:172 Resp: 880550

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.3	19.2	28.8



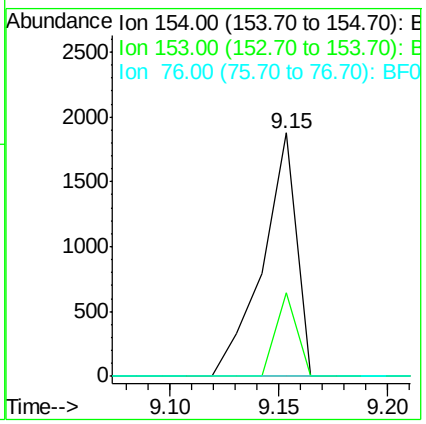


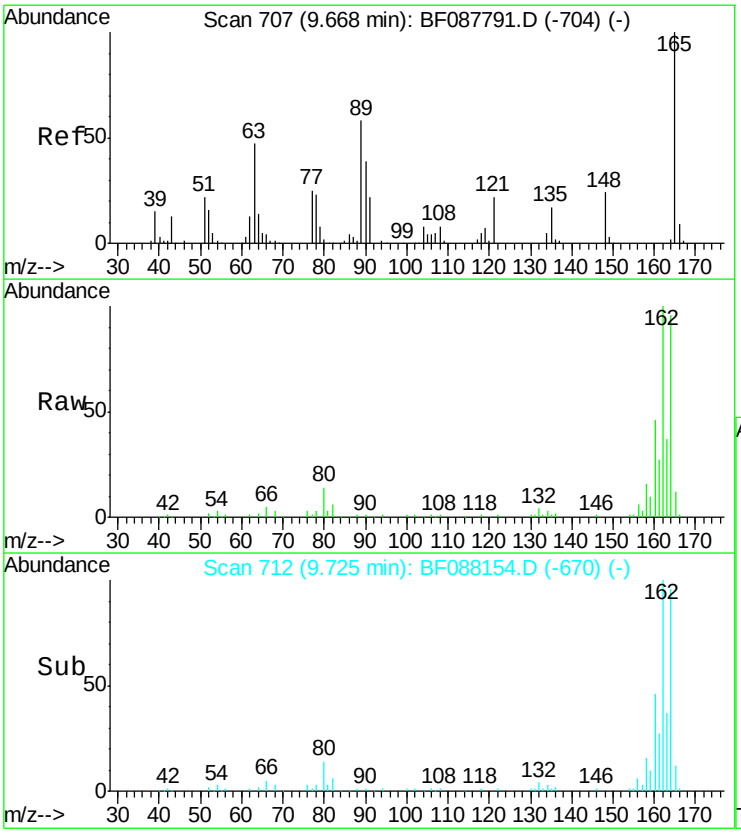
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:154 Resp: 2056

Ion	Ratio	Lower	Upper
154	100		
153	34.3	20.6	60.6
76	0.0	0.0	35.1

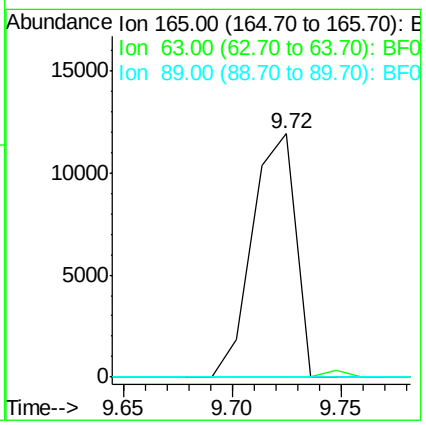


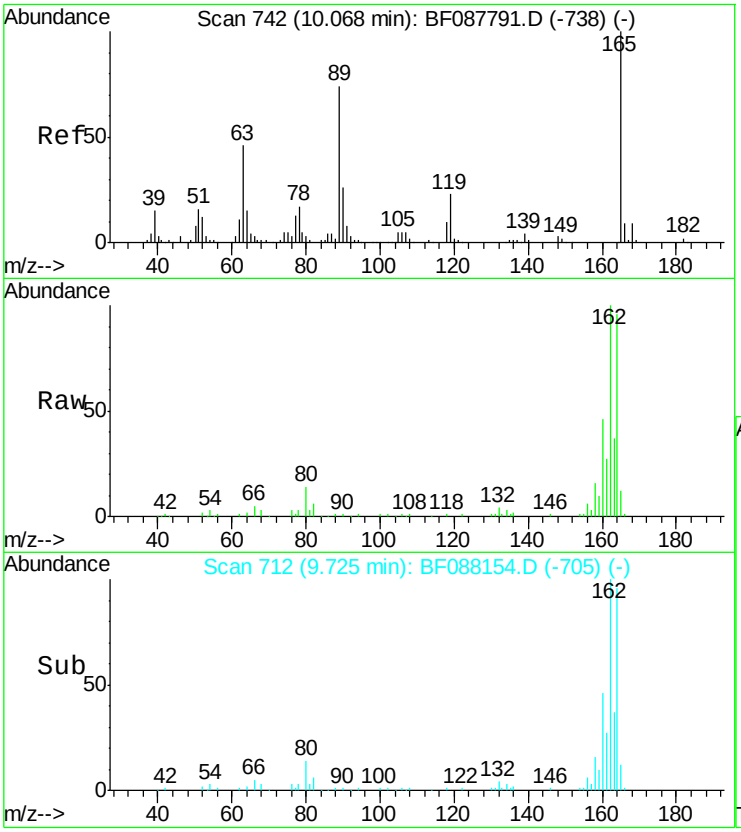


#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.18 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:165 Resp: 16548

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



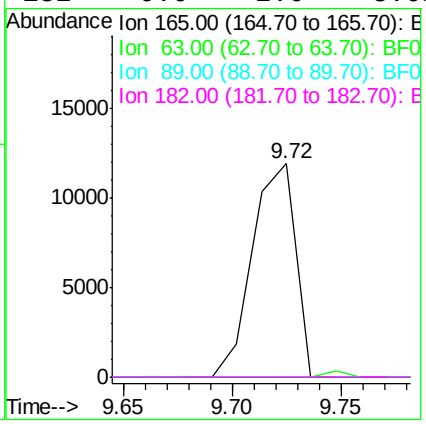


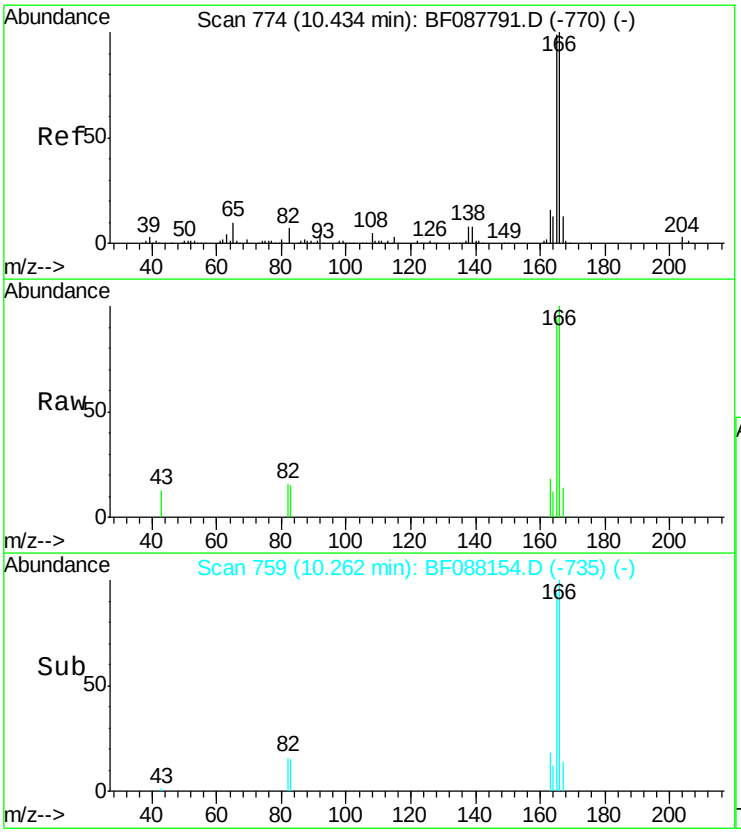
#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:165 Resp: 16548

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#

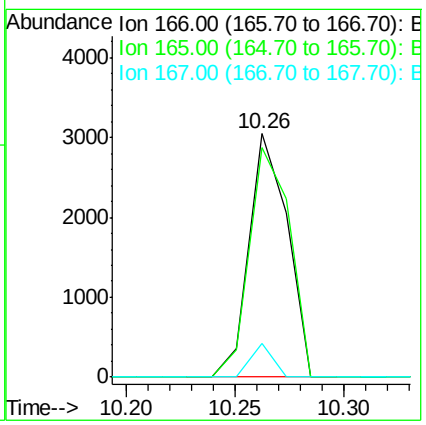


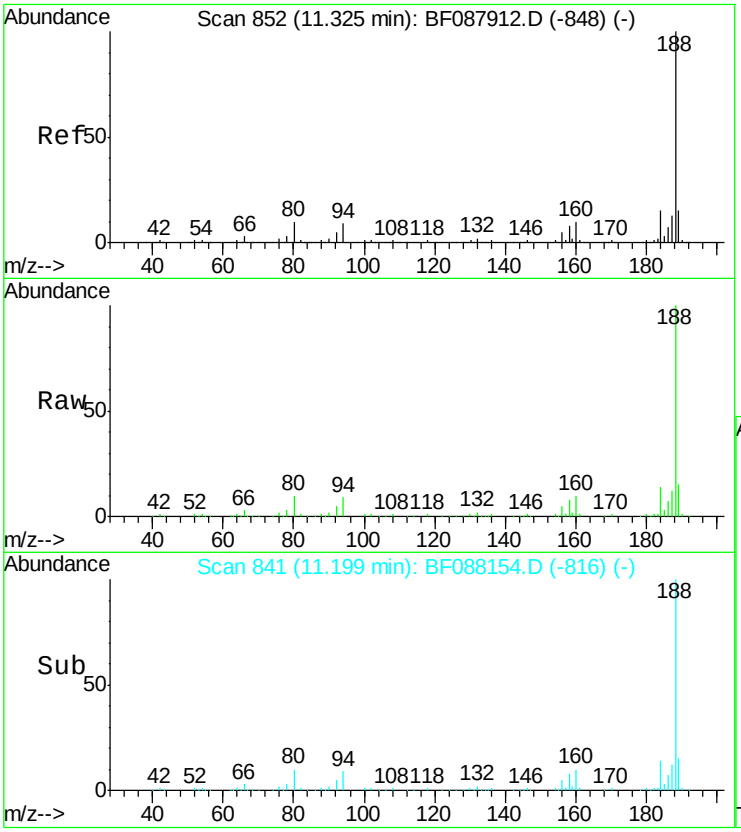


#57
Fluorene
Concen: Below Cal
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:166 Resp: 3748

Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.8	116.8
167	13.8	11.2	16.8



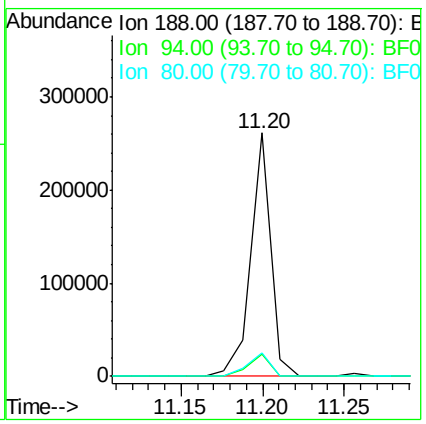


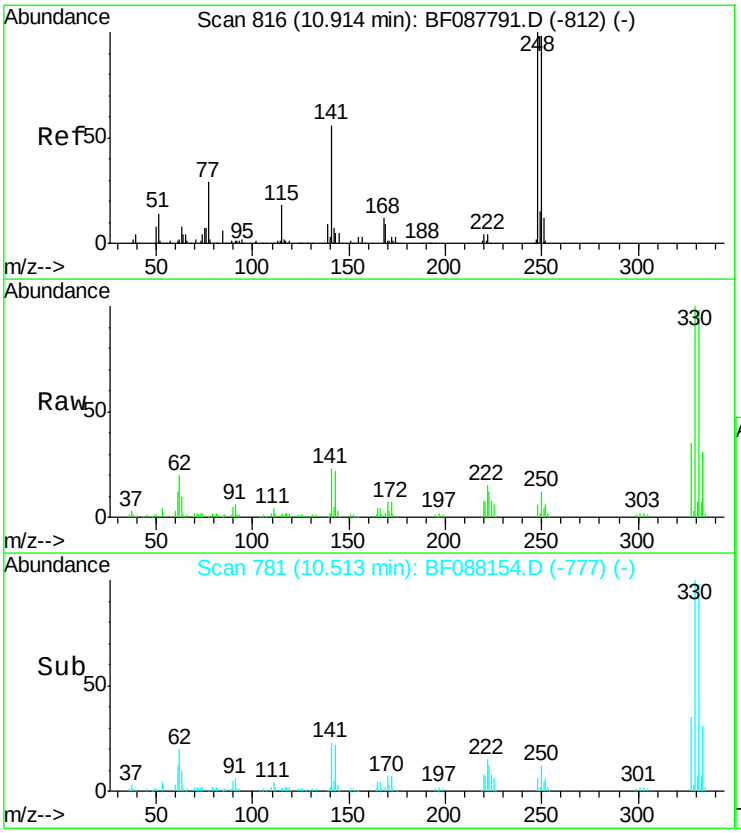
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:188 Resp: 223622

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.6
80	9.6	10.0	15.0#

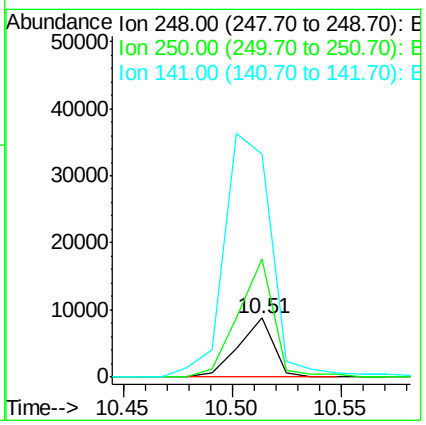


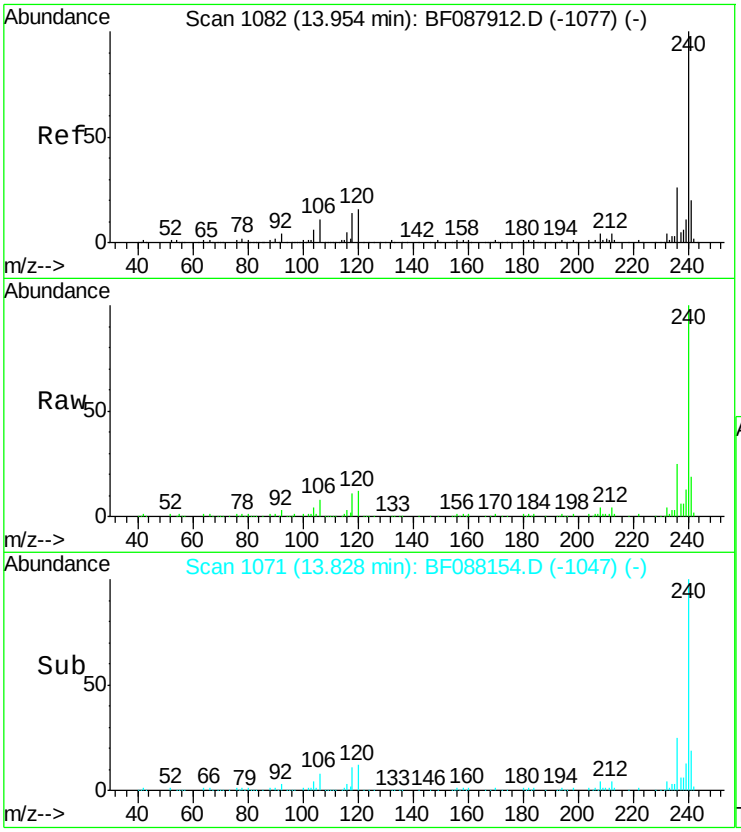


#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:248 Resp: 9842

Ion	Ratio	Lower	Upper
248	100		
250	198.7	77.1	115.7#
141	376.3	50.6	76.0#



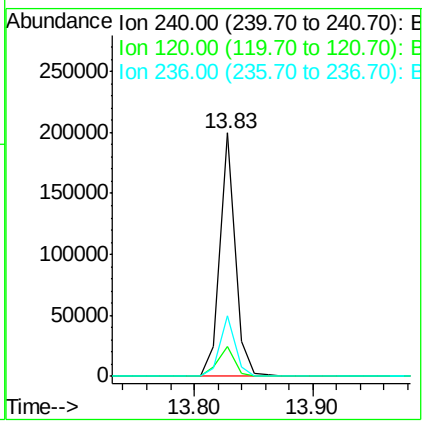


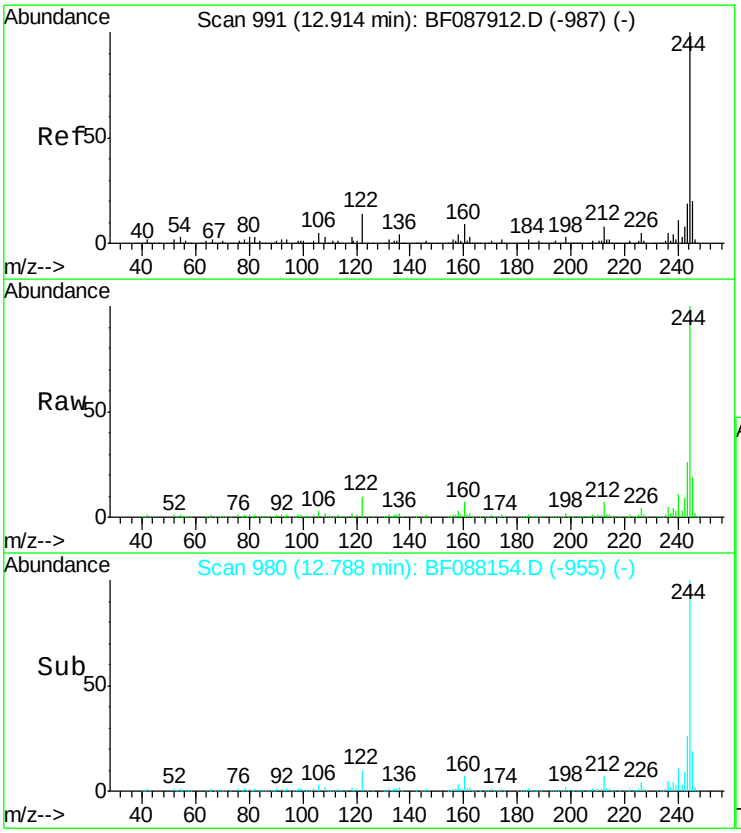
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:240 Resp: 176552

Ion	Ratio	Lower	Upper
240	100		
120	12.2	6.8	10.2#
236	25.1	20.2	30.2

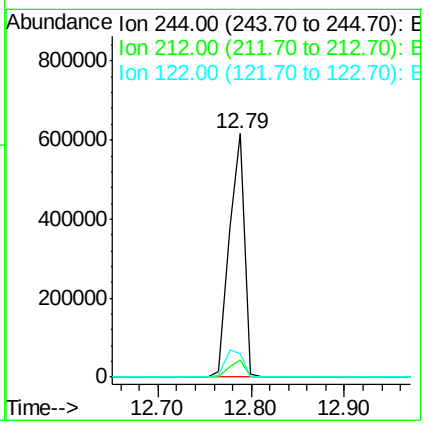


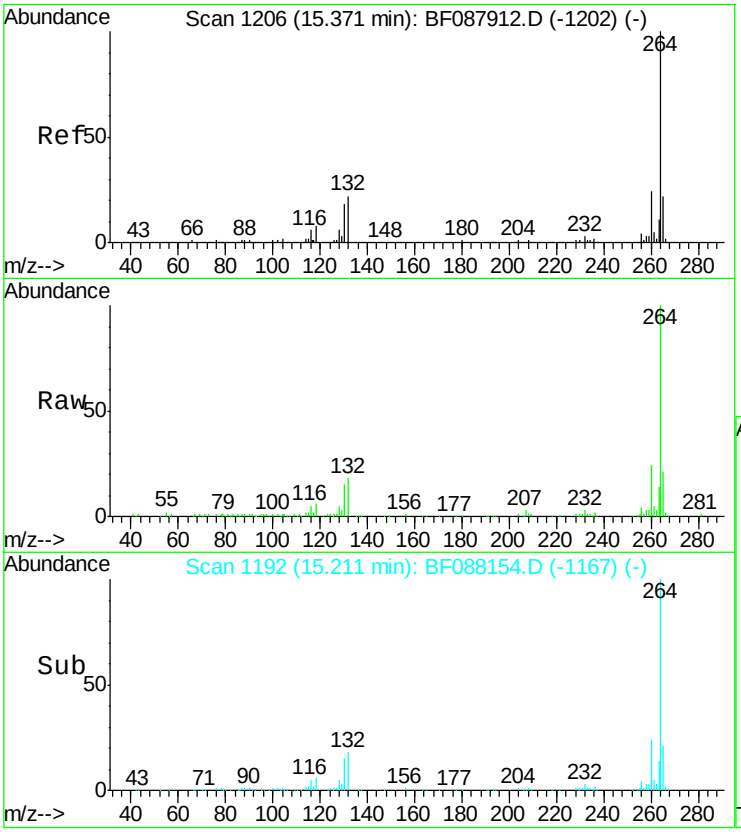


#78
Terphenyl-d14
Concen: 90.59 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion:244 Resp: 702836

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.6	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tgt Ion:264 Resp: 125687

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	16.9	25.3