Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088459.D
Acq On : 27 Jun 2016 18:58
Operator : UM/SJ
Sample : H3747-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C9-B2(0-6)C

Quant Time: Jun 28 04:52:07 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 19:14:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	183436	20.00	ng	0.15
21) Naphthalene-d8	7.83	136	253266	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	112197	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	199875	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	129167	20.00	ng	-0.01
86) Perylene-d12	15.03	264	130035	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	386807	36.05	ng	-0.01
7) Phenol-d6	6.20	99	468834	36.05	ng	-0.03
23) Nitrobenzene-d5	7.12	82	279865	64.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	93033	78.53	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	522677	72.36	ng	-0.02
78) Terphenyl-d14	12.63	244	383241	67.52	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.31	94	796	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	35296	4.24	ng	# 67
45) 1,1'-Biphenyl	8.90	154	945	Below Cal	#	1
49) Dimethylphthalate	9.31	163	38241	4.71	ng	98
50) 2,6-Dinitrotoluene	9.56	165	13997	7.52	ng	# 37
56) 2,4-Dinitrotoluene	9.56	165	13997	5.85	ng	# 36
57) Fluorene	10.12	166	966	Below Cal	#	93
66) 4-Bromophenyl-phenylether	10.36	248	5576	2.60	ng	# 1
74) Fluoranthene	12.26	202	27078	2.45	ng	97
77) Pyrene	12.49	202	23228	2.42	ng	98
88) Benzo(k)fluoranthene	14.69	252	17878	2.61	ng	96

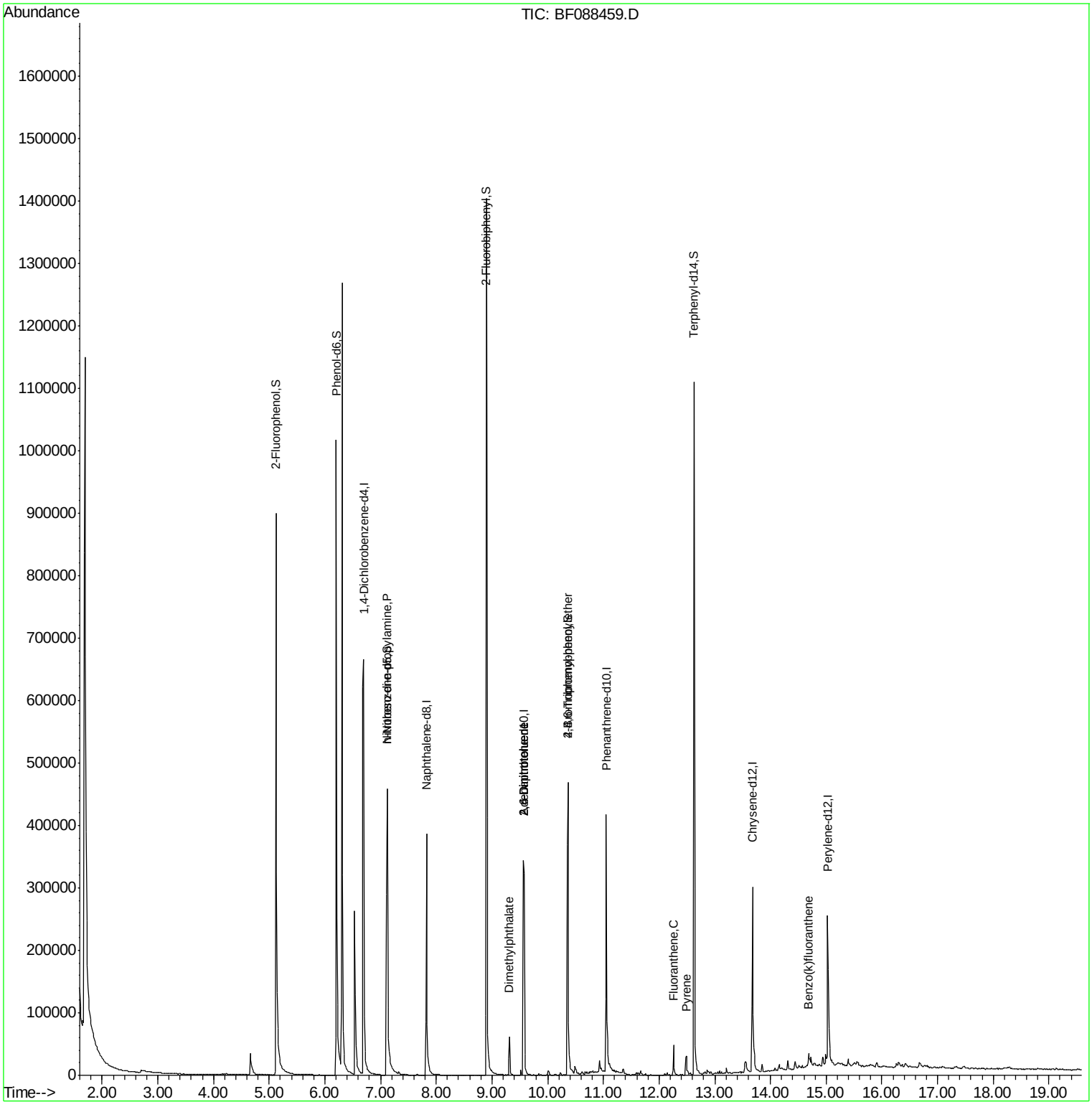
(#) = qualifier out of range (m) = manual integration (+) = signals summed

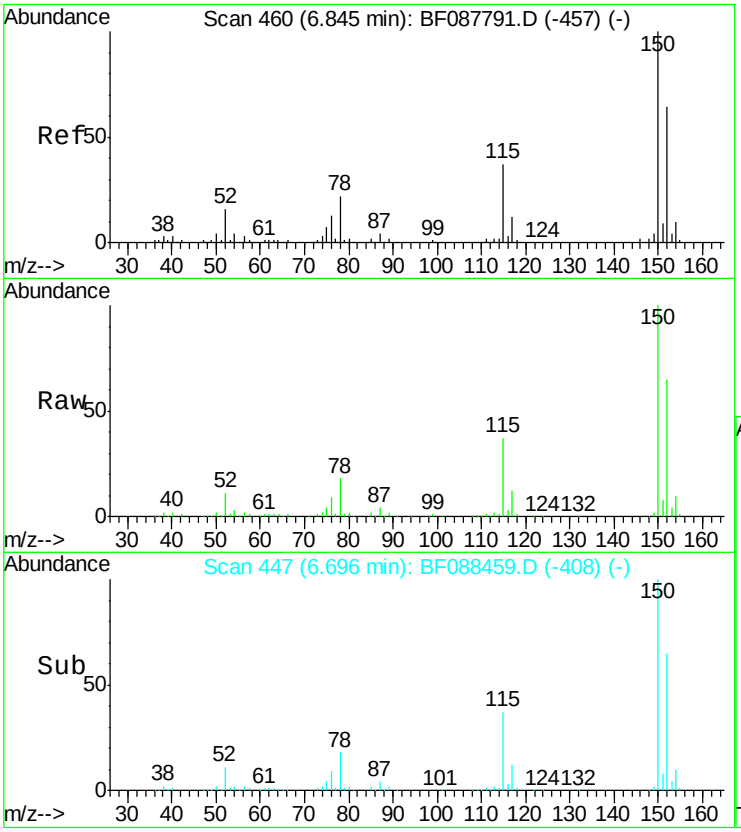
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088459.D
Acq On : 27 Jun 2016 18:58
Operator : UM/SJ
Sample : H3747-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Quant Time: Jun 28 04:52:07 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 19:14:18 2016
Response via : Initial Calibration



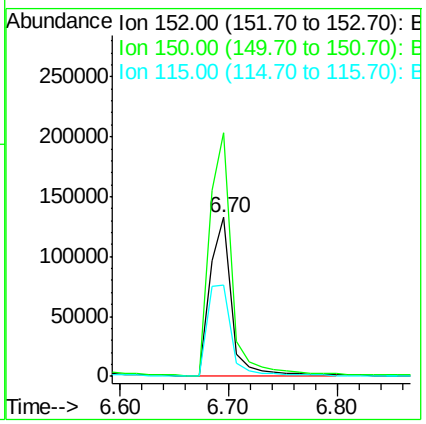


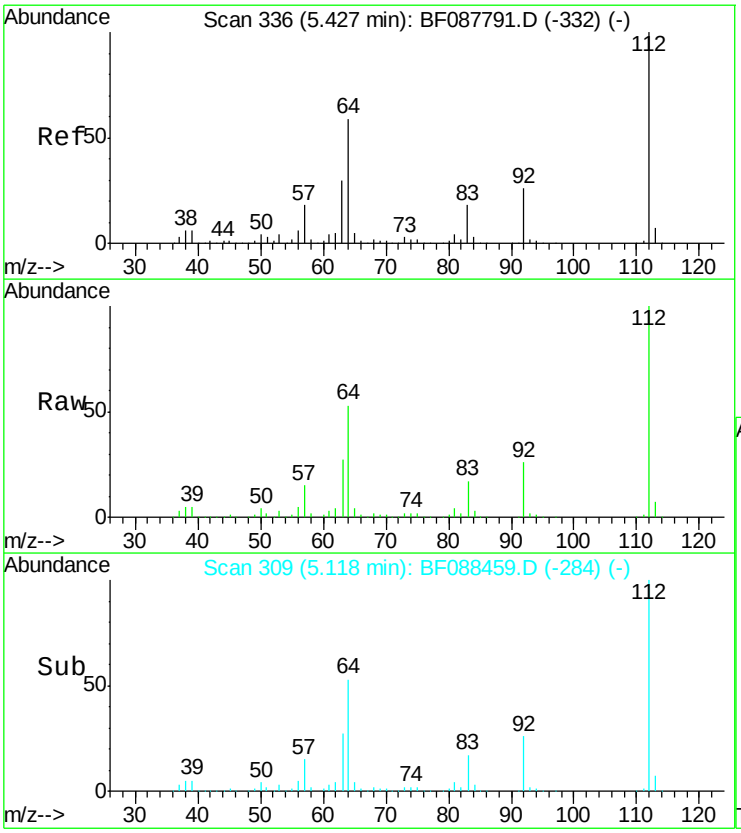
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:152 Resp: 183436

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	57.4	39.6	59.4

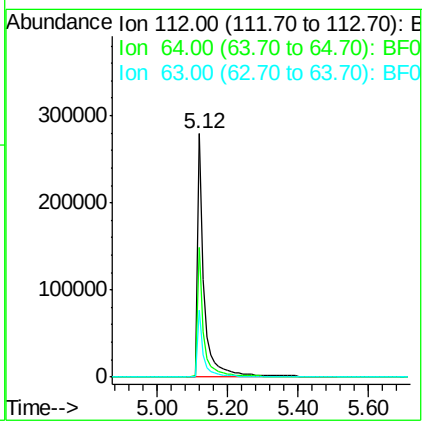


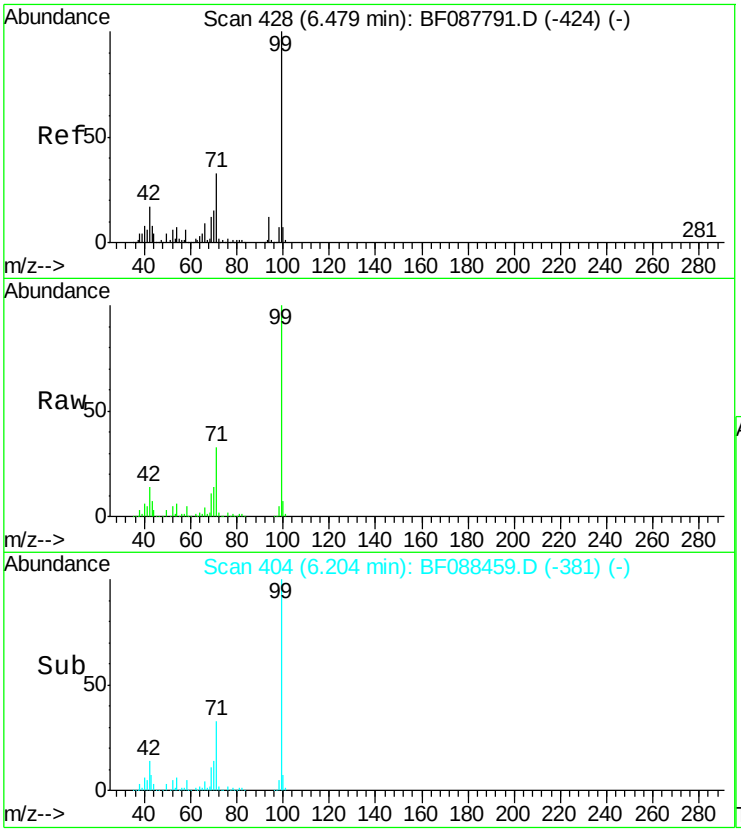


#5
2-Fluorophenol
Concen: 36.05 ng
RT: 5.12 min Scan# 309
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:112 Resp: 386807

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.2	63.2
63	27.4	21.8	32.8



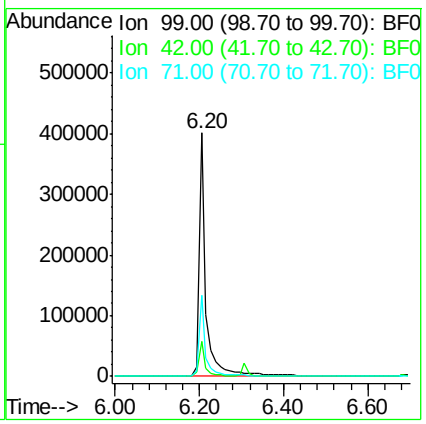


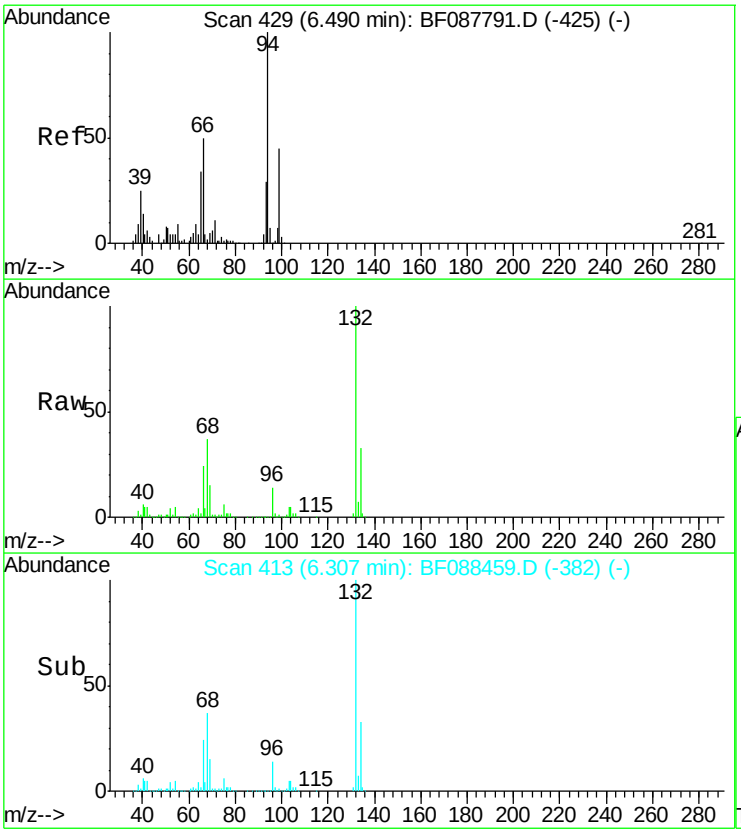
#7
Phenol-d6
Concen: 36.05 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion: 99 Resp: 468834

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	33.3	23.4	35.0

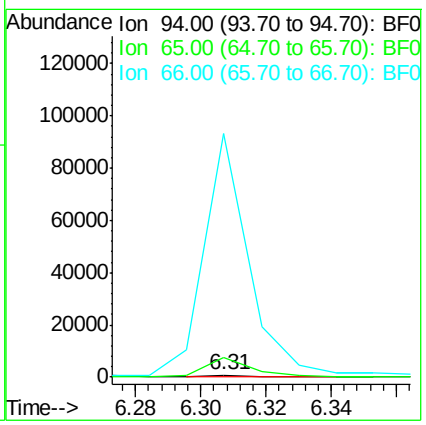


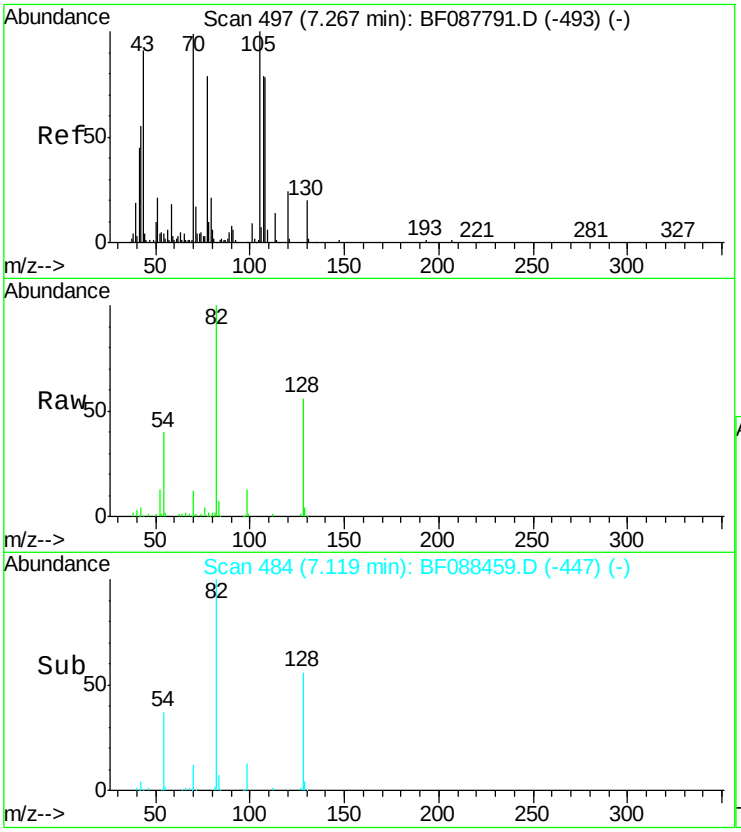


#10
Phenol
Concen: Below Cal
RT: 6.31 min Scan# 413
Delta R.T. 0.06 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion: 94 Resp: 796

Ion	Ratio	Lower	Upper
94	100		
65	855.7	5.9	45.9#
66	10886.0	14.0	54.0#



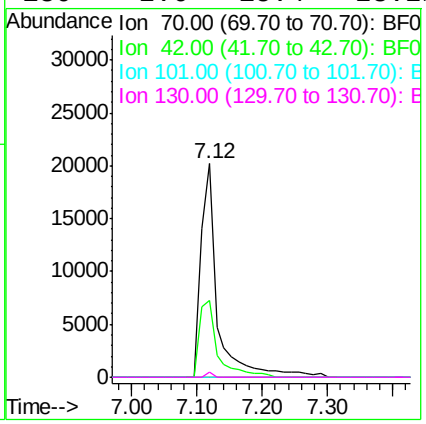


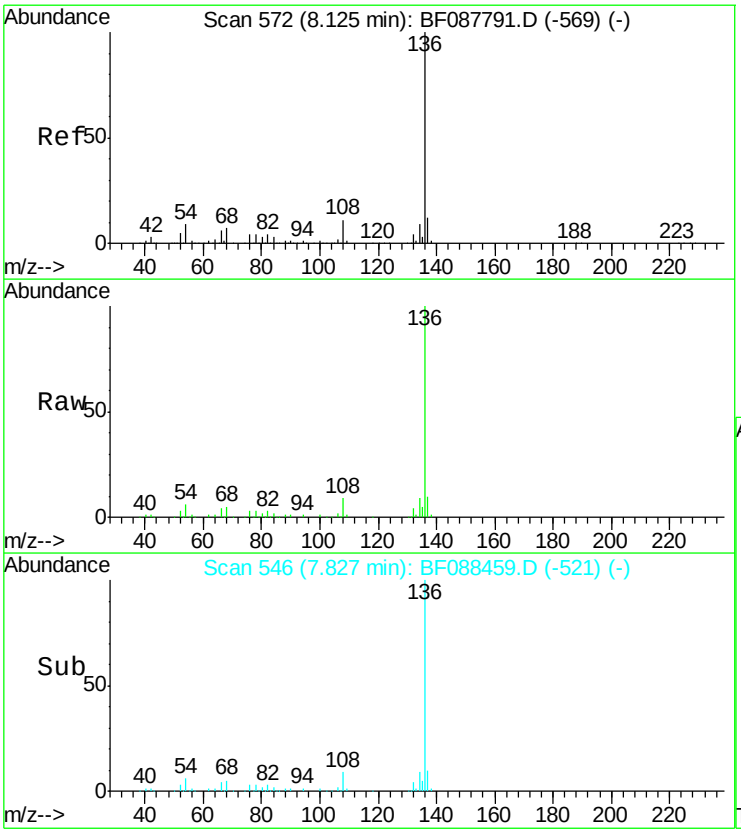
#19
n-Nitroso-di-n-propylamine
Concen: 4.24 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.13 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion: 70 Resp: 35296

Ion	Ratio	Lower	Upper
70	100		
42	36.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#

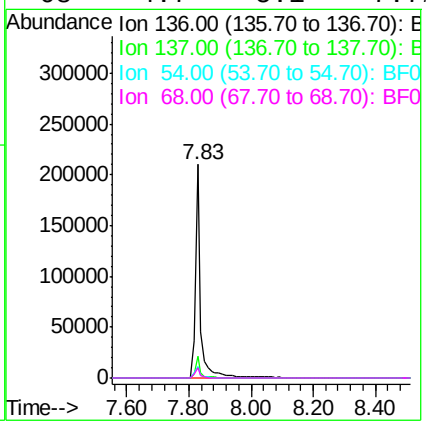


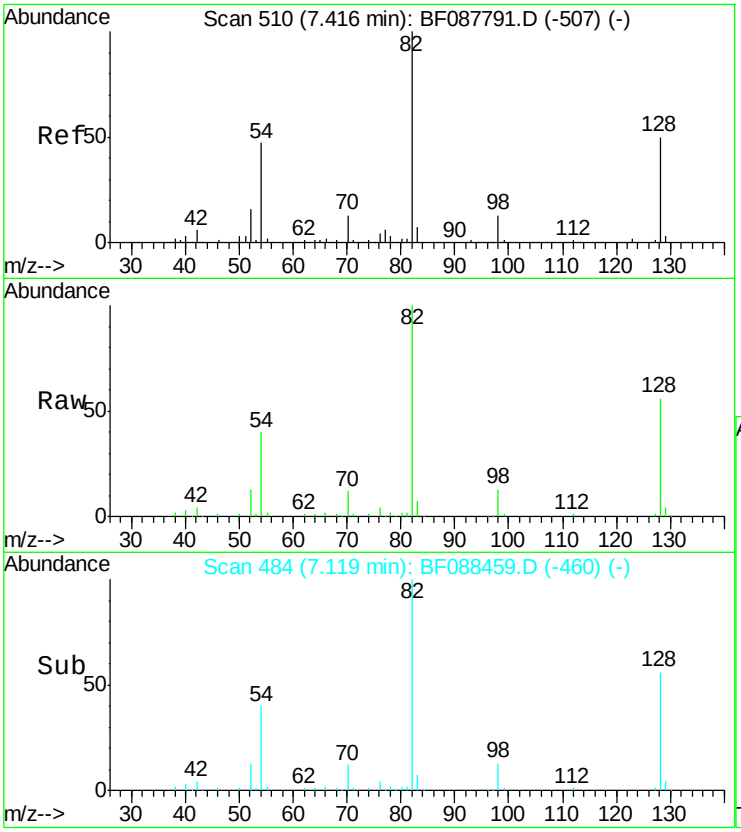


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:136 Resp: 253266

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.5	6.6	10.0#
68	4.7	5.1	7.7#



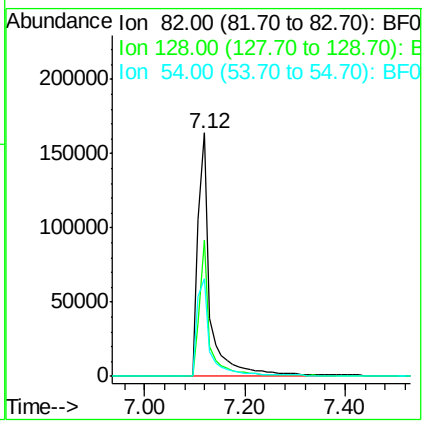


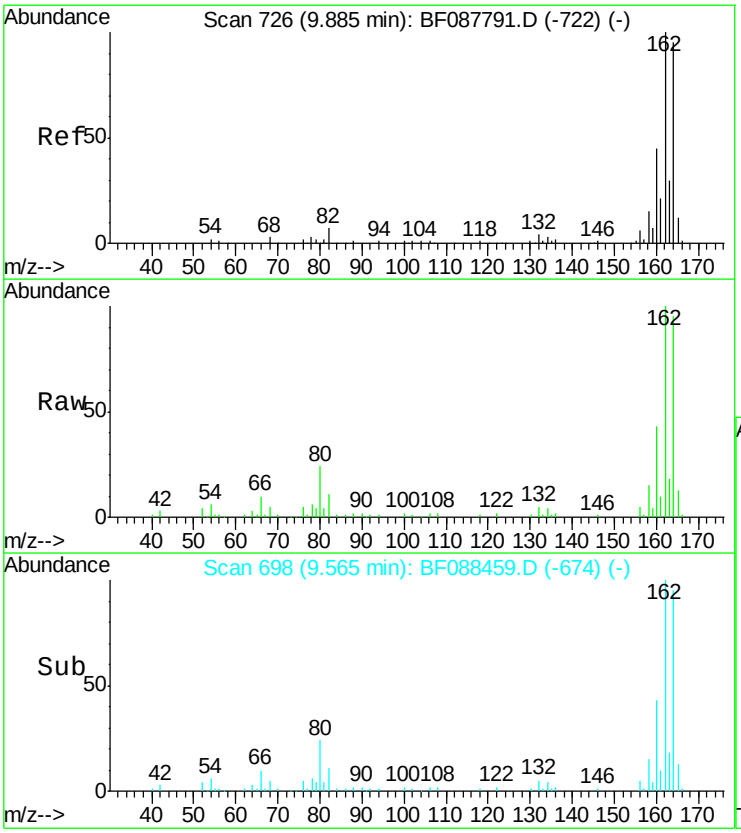
#23
Nitrobenzene-d5
Concen: 64.53 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion: 82 Resp: 279865

Ion	Ratio	Lower	Upper
82	100		
128	56.0	35.9	53.9#
54	40.3	40.9	61.3#

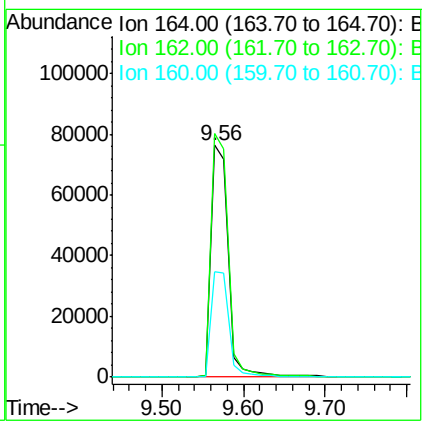


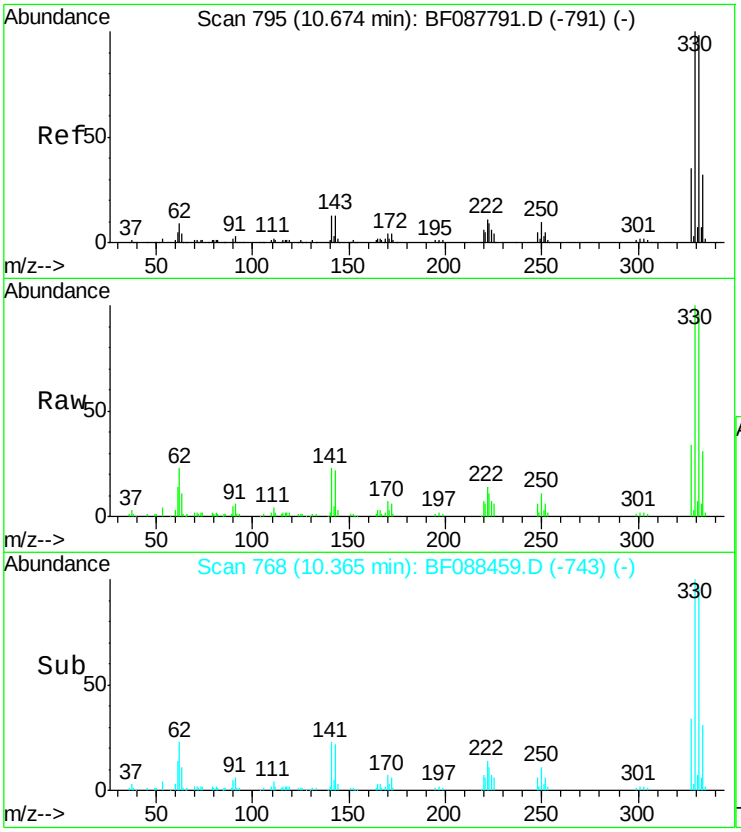


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:164 Resp: 112197

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.4	128.2
160	45.7	39.5	59.3



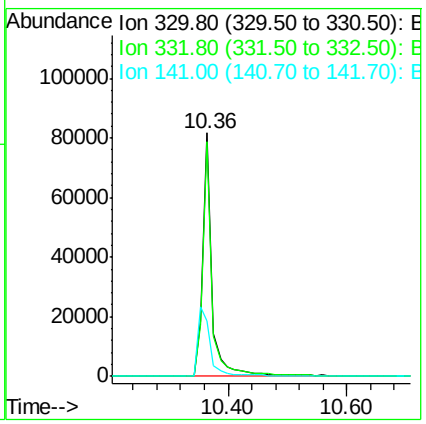


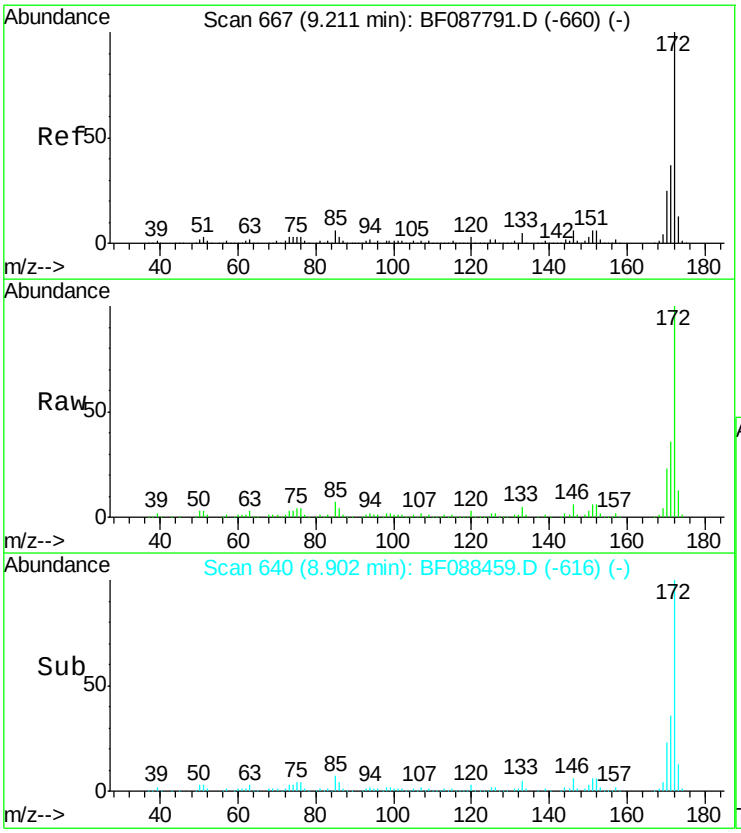
#41
2,4,6-Tribromophenol
Concen: 78.53 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:330 Resp: 93033

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	38.4	0.0	0.0#

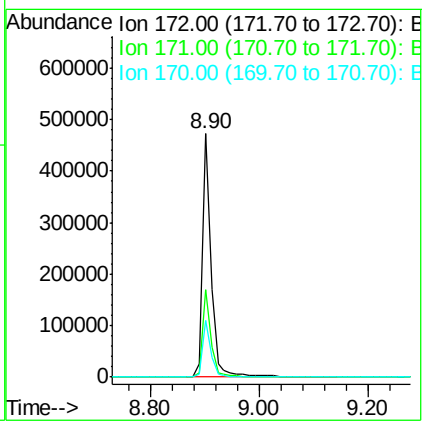


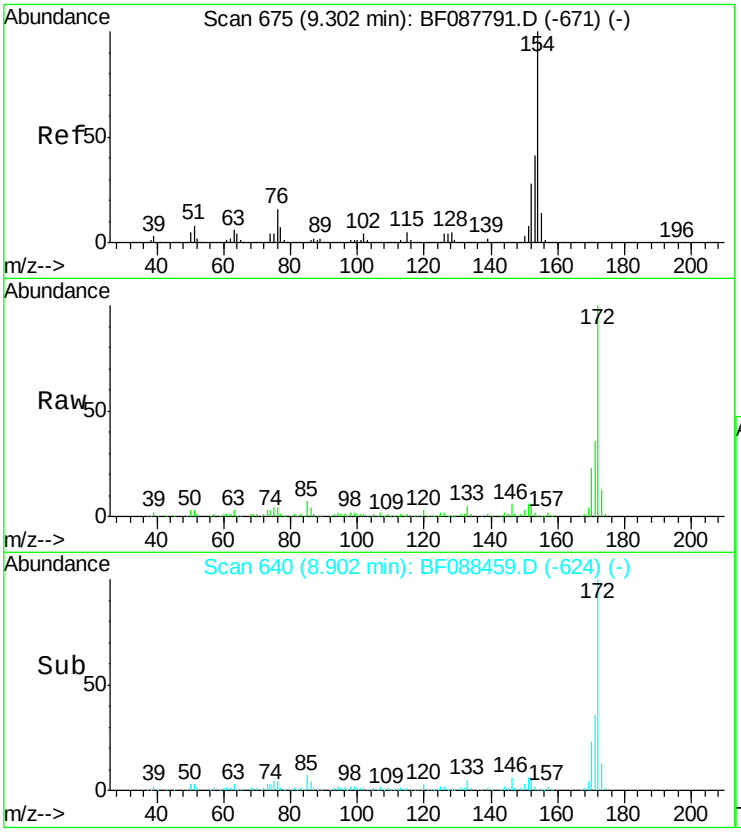


#44
2-Fluorobiphenyl
Concen: 72.36 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:172 Resp: 522677

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.4	19.2	28.8



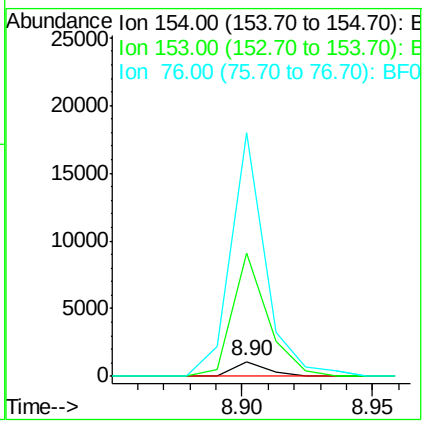


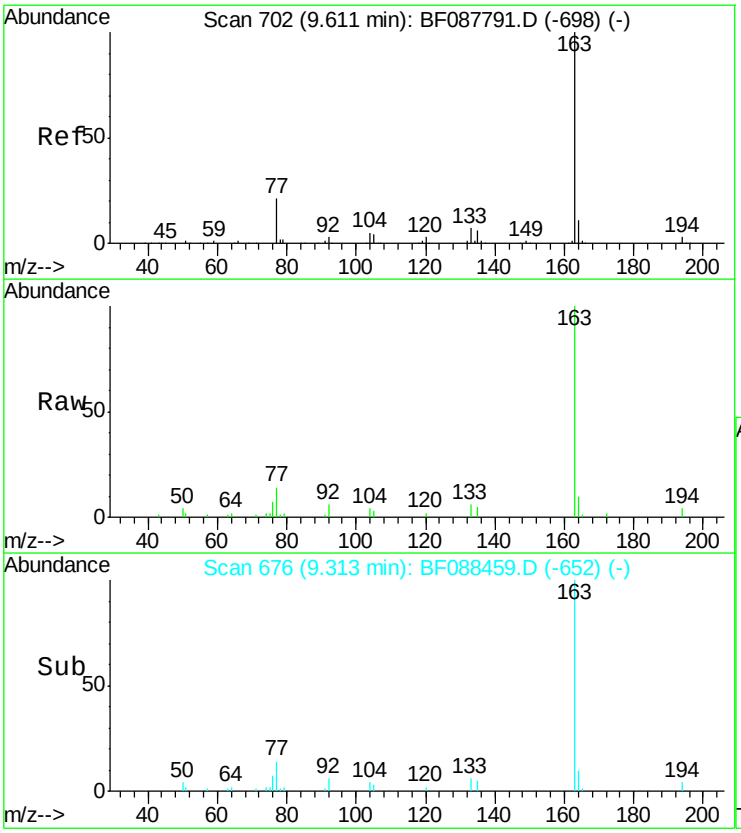
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.90 min Scan# 640
Delta R.T. -0.11 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:154 Resp: 945

Ion	Ratio	Lower	Upper
154	100		
153	853.1	20.6	60.6#
76	1681.6	0.0	35.1#

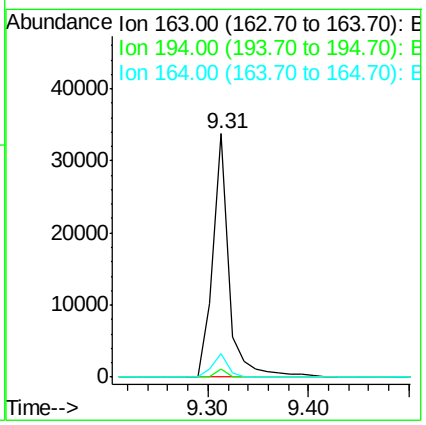


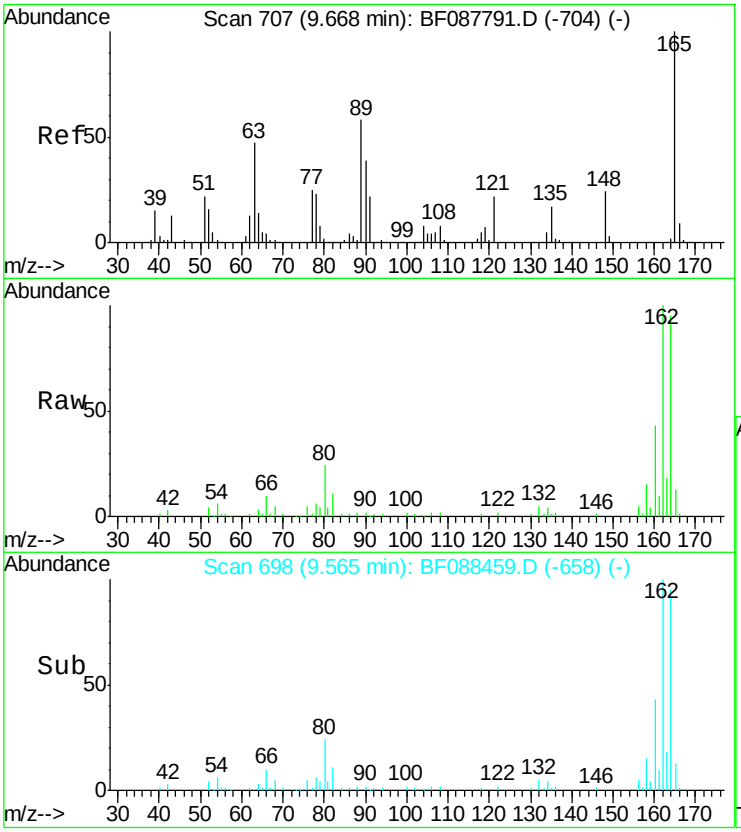


#49
Dimethylphthalate
Concen: 4.71 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:163 Resp: 38241

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.5	8.3	12.5



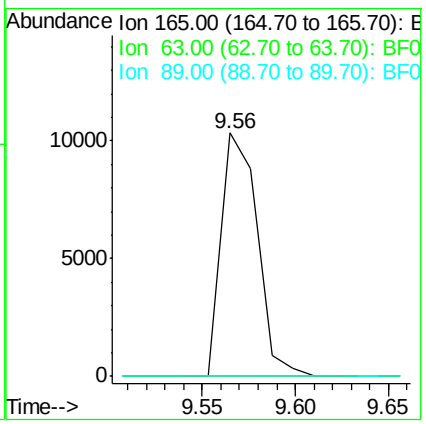


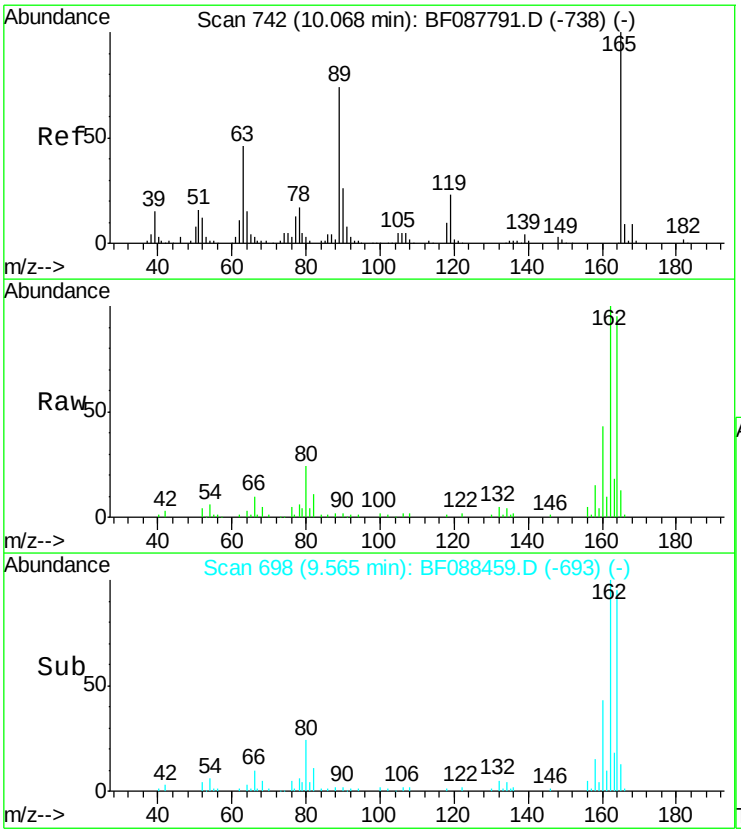
#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.16 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:165 Resp: 13997

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

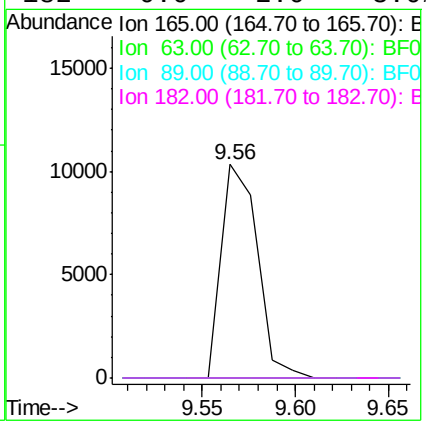


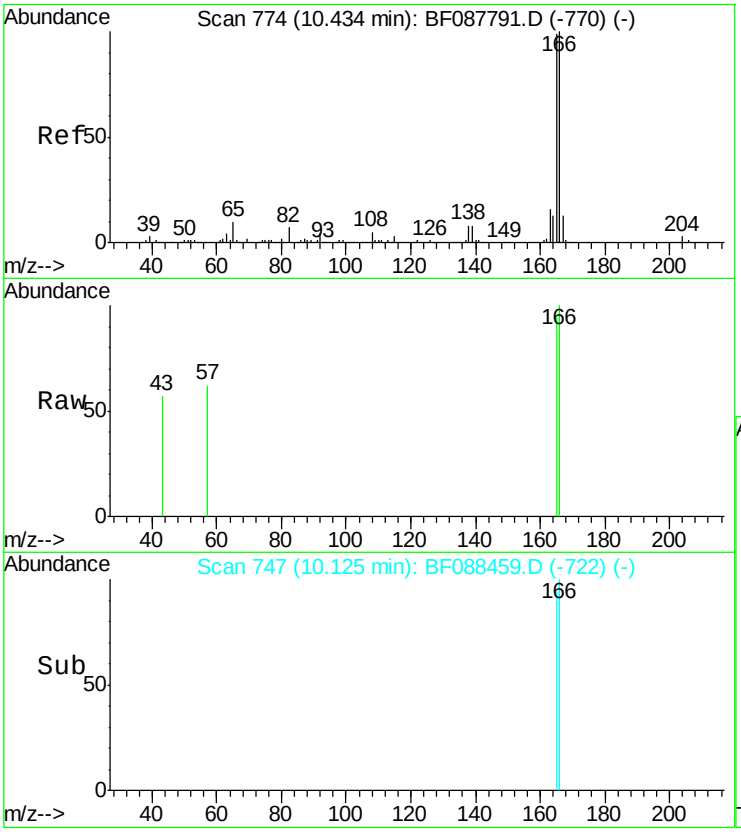


#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.24 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:165 Resp: 13997

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#



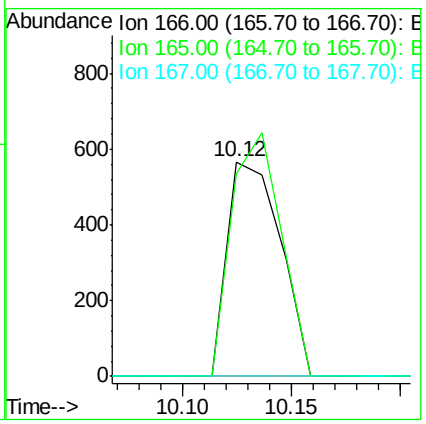


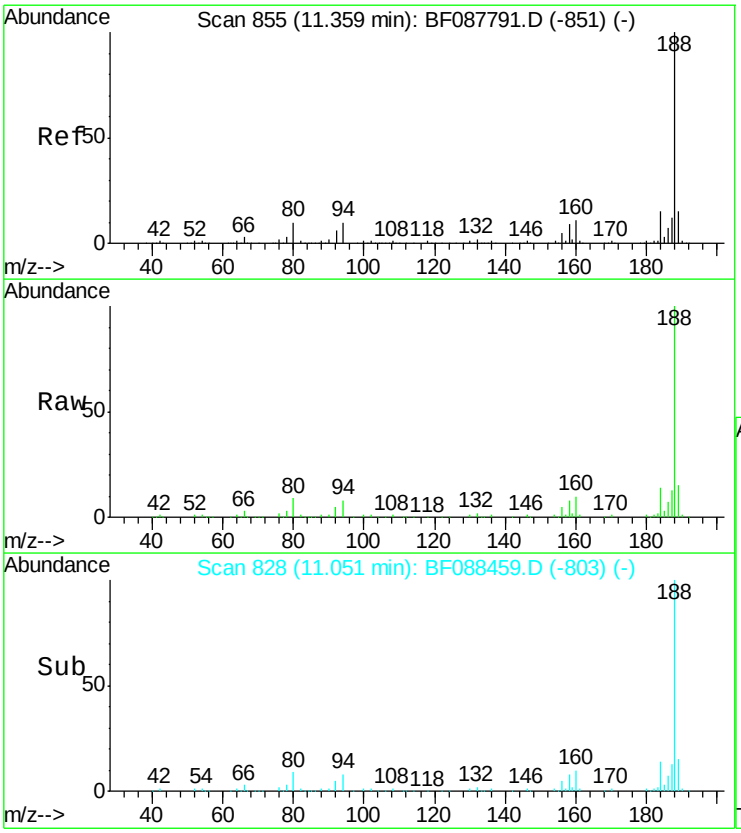
#57
Fluorene
Concen: Below Cal
RT: 10.12 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:166 Resp: 966

Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.8	116.8
167	0.0	11.2	16.8#

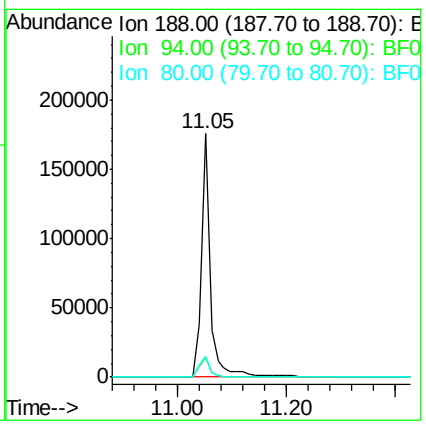


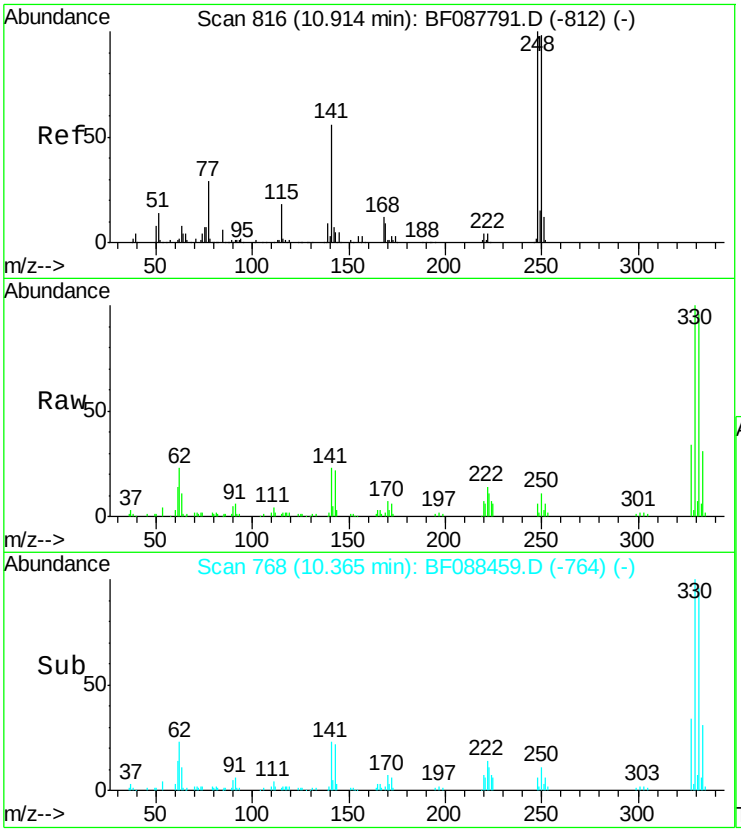


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:188 Resp: 199875

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.0	13.6#
80	8.6	10.0	15.0#



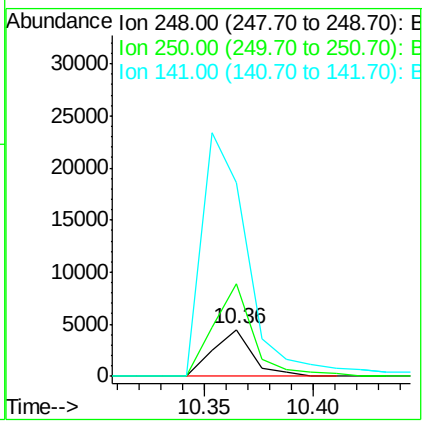


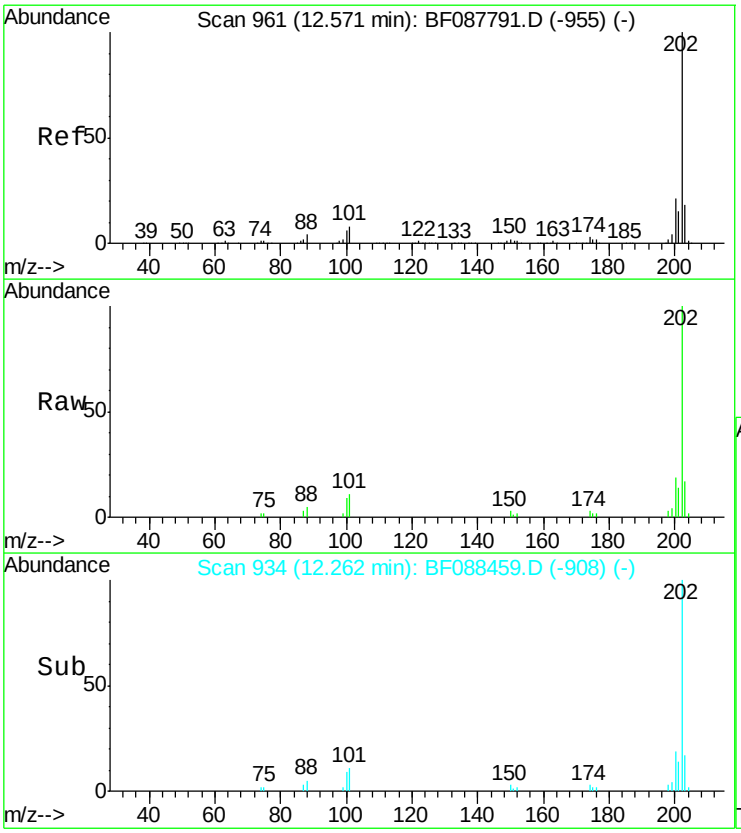
#66
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:248 Resp: 5576

Ion	Ratio	Lower	Upper
248	100		
250	199.0	77.1	115.7#
141	414.7	50.6	76.0#

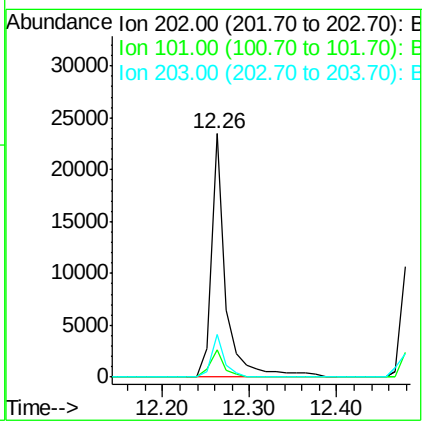


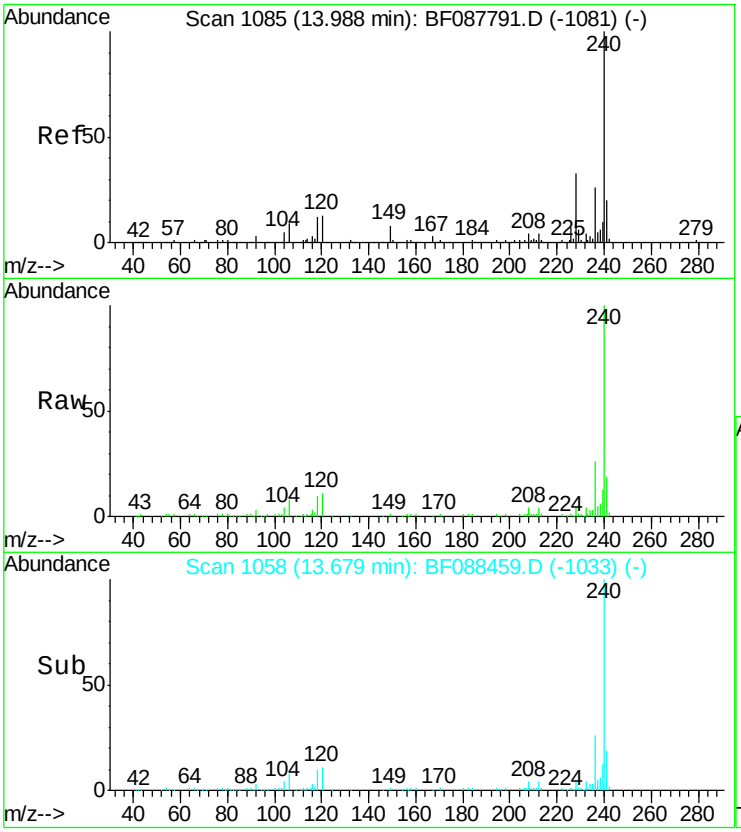


#74
Fluoranthene
Concen: 2.45 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:202 Resp: 27078

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.1
203	17.3	0.0	38.1



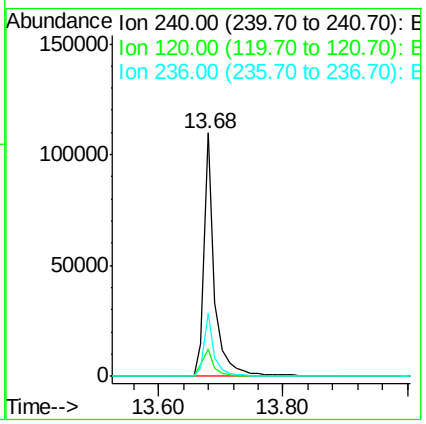


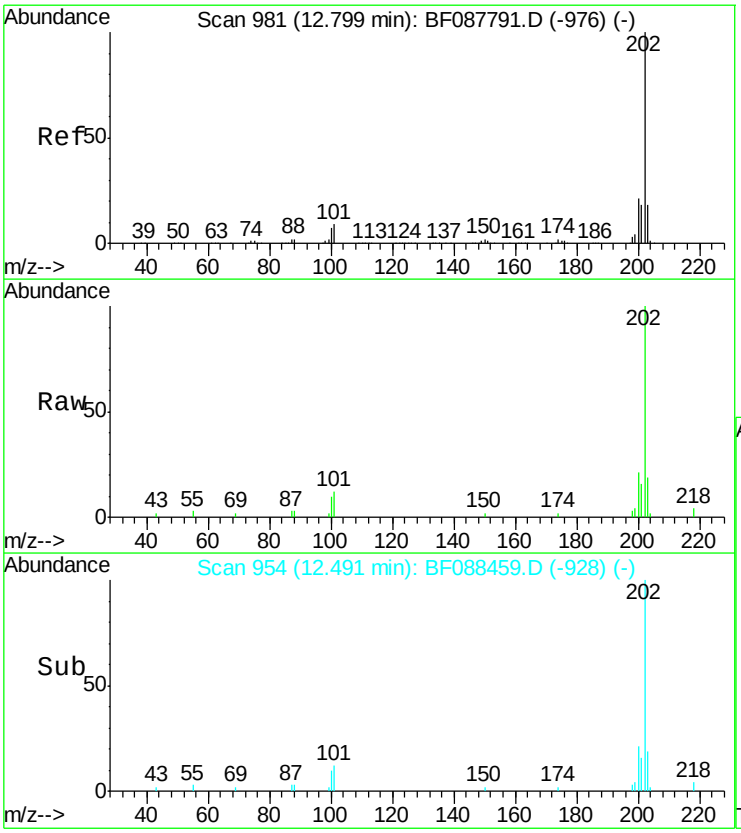
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:240 Resp: 129167

Ion	Ratio	Lower	Upper
240	100		
120	11.3	6.8	10.2#
236	25.7	20.2	30.2

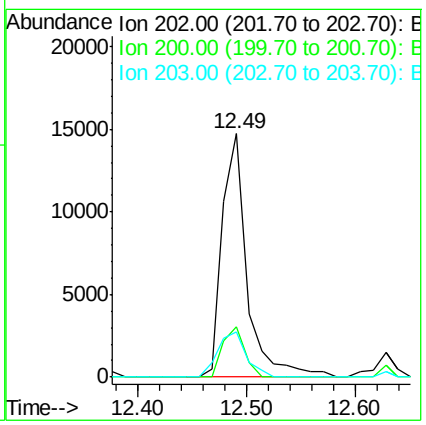


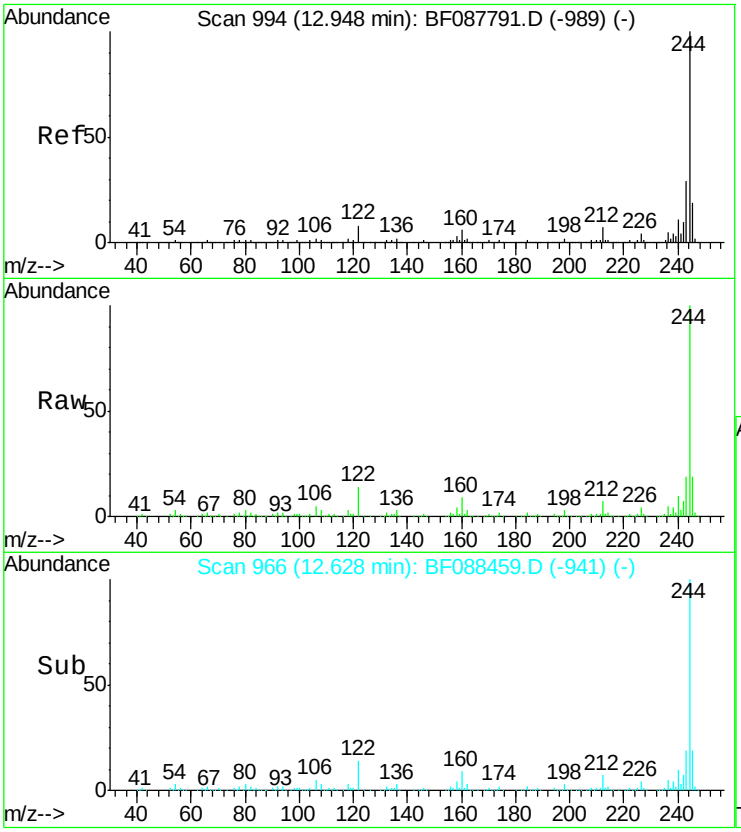


#77
Pyrene
Concen: 2.42 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:202 Resp: 23228

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.5	14.5	21.7



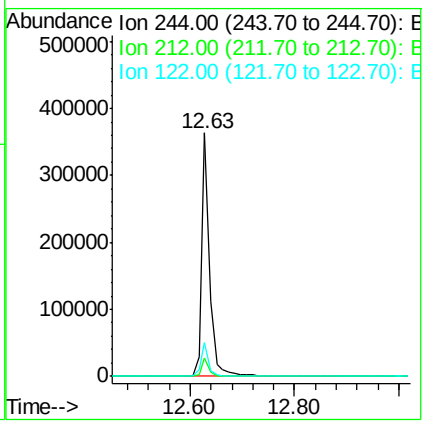


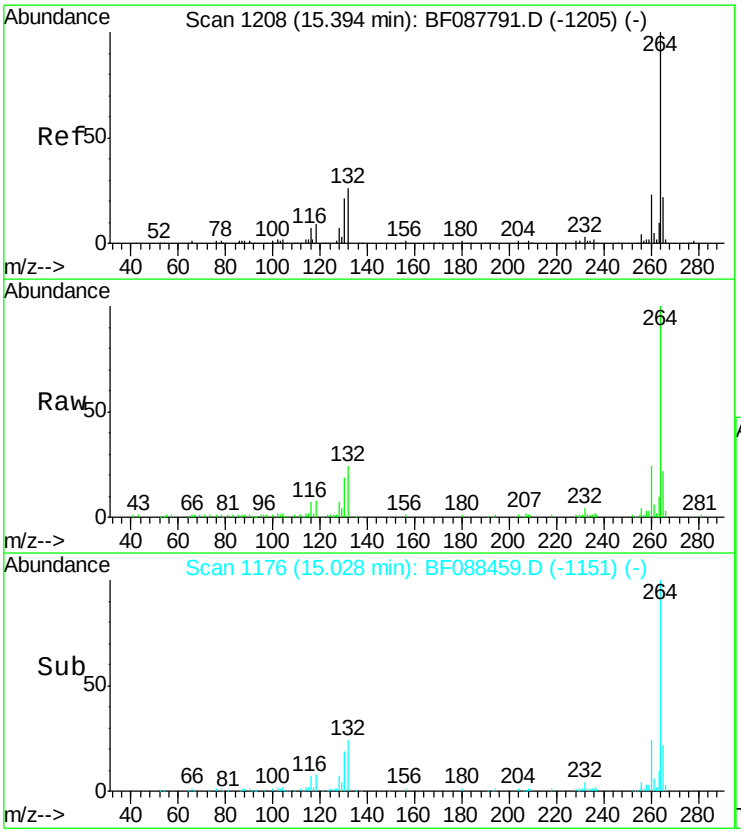
#78
Terphenyl-d14
Concen: 67.52 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:244 Resp: 383241

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.1	11.2	16.8

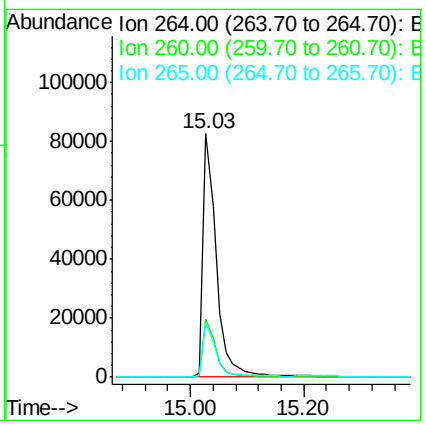


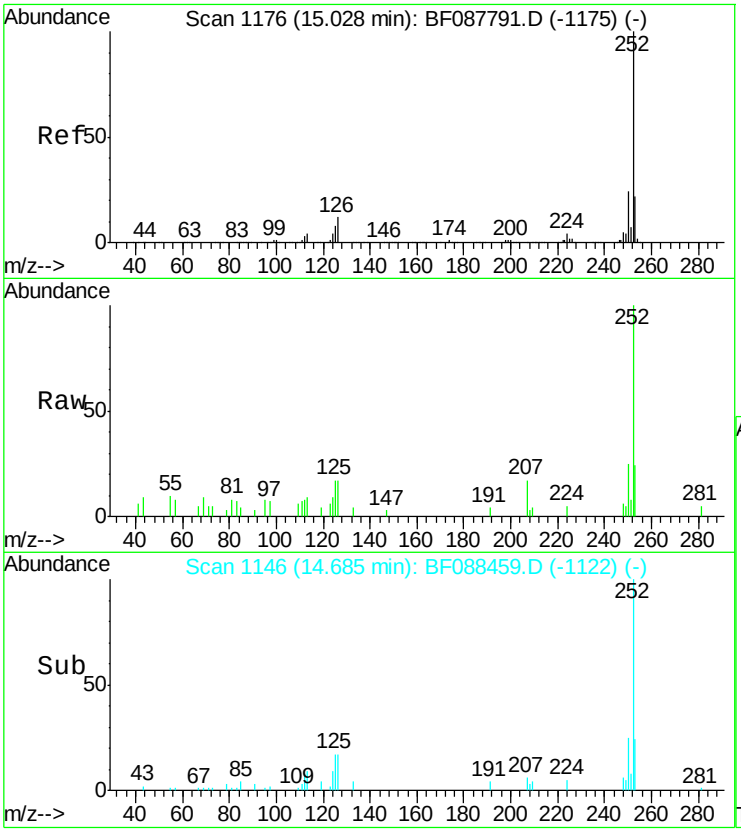


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Tgt Ion:264 Resp: 130035

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	16.9	25.3





#88
Benzo(k)fluoranthene
Concen: 2.61 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF088459.D
Acq: 27 Jun 2016 18:58

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tgt Ion:252 Resp: 17878

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	16.6	11.2	16.8