Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089148.D
Acq On : 20 Jul 2016 23:23
Operator : UM/SJ
Sample : PB92306BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92306BL

Quant Time: Jul 21 01:40:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53192	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	230583	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	105405	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	215094	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	167109	20.00	ng	-0.01
86) Perylene-d12	15.06	264	131189	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	438787	125.46	ng	0.01
7) Phenol-d6	6.26	99	571862	126.79	ng	-0.01
23) Nitrobenzene-d5	7.16	82	350452	80.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	133058	140.21	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	625712	81.79	ng	-0.01
78) Terphenyl-d14	12.69	244	562783	73.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.96	88	206	0.14	ng	# 28
9) Benzaldehyde	6.38	77	10913	3.44	ng	86
10) Phenol	6.38	94	953	0.18	ng	# 1
15) Benzyl Alcohol	6.75	79	5870	1.78	ng	# 53
19) n-Nitroso-di-n-propylamine	7.16	70	46830	15.87	ng	# 82
24) Nitrobenzene	7.16	77	920	0.20	ng	# 37
45) 1,1'-Biphenyl	8.96	154	973	0.10	ng	# 1
47) 2-Nitroaniline	8.96	65	674	0.27	ng	# 1
50) 2,6-Dinitrotoluene	9.62	165	13058	7.15	ng	# 28
51) Acenaphthene	9.62	154	428	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.62	165	13058	5.55	ng	# 10
57) Fluorene	10.41	166	6078	0.79	ng	# 86
62) Azobenzene	10.41	77	556	0.06	ng	# 8
65) n-Nitrosodiphenylamine	10.41	169	4745	0.66	ng	# 41
66) 4-Bromophenyl-phenylether	10.42	248	9749	4.58	ng	# 1
73) Di-n-butylphthalate	11.68	149	250	0.02	ng	# 78
77) Pyrene	12.69	202	2226	0.16	ng	# 68
80) Benzo(a)anthracene	13.71	228	246	0.02	ng	# 51
82) Chrysene	13.71	228	246	0.02	ng	# 50
89) Benzo(a)pyrene	15.06	252	265	0.04	ng	# 58

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

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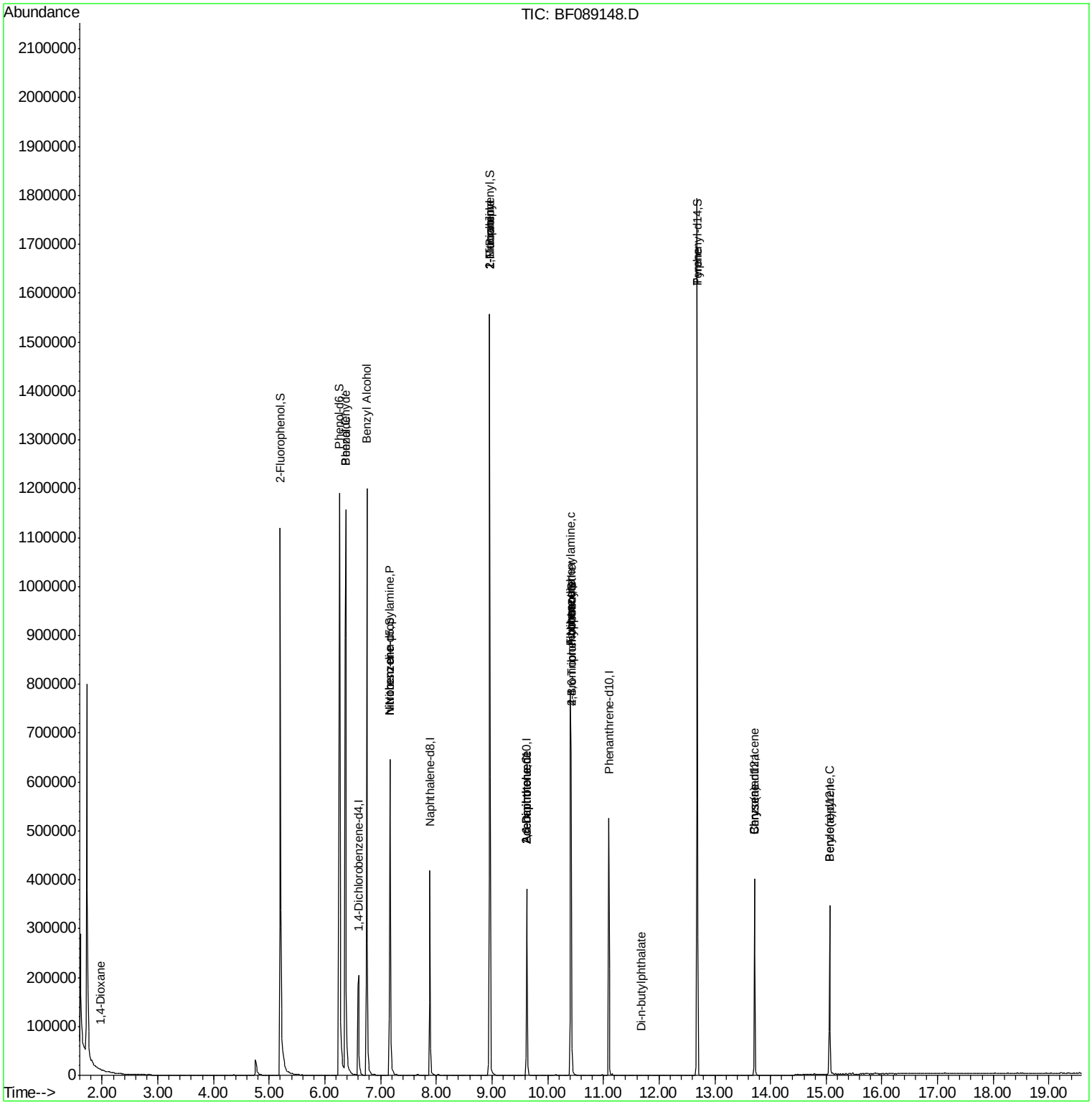
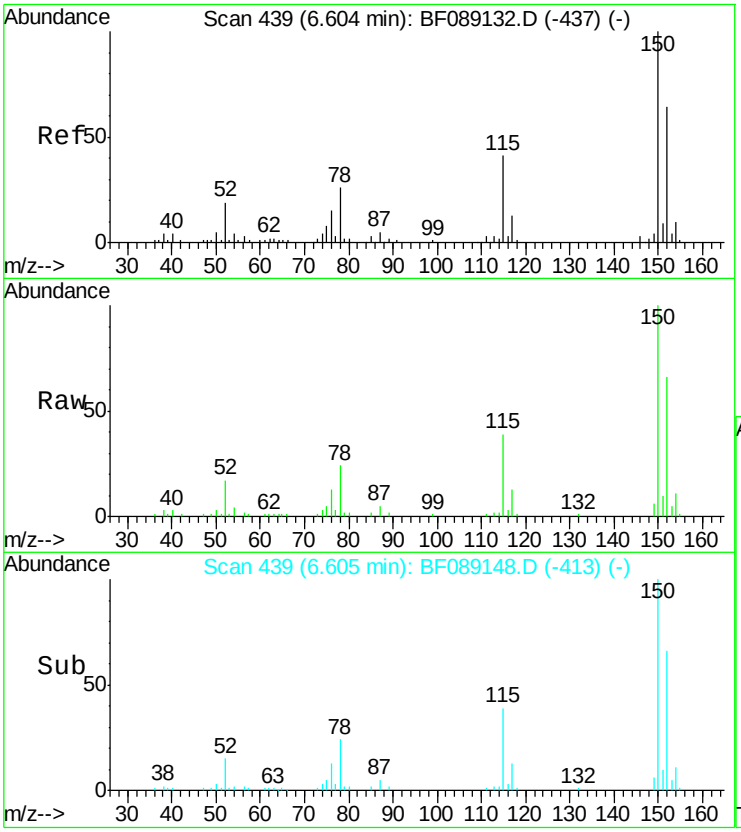


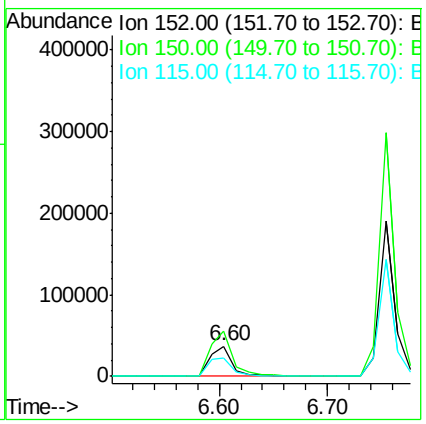


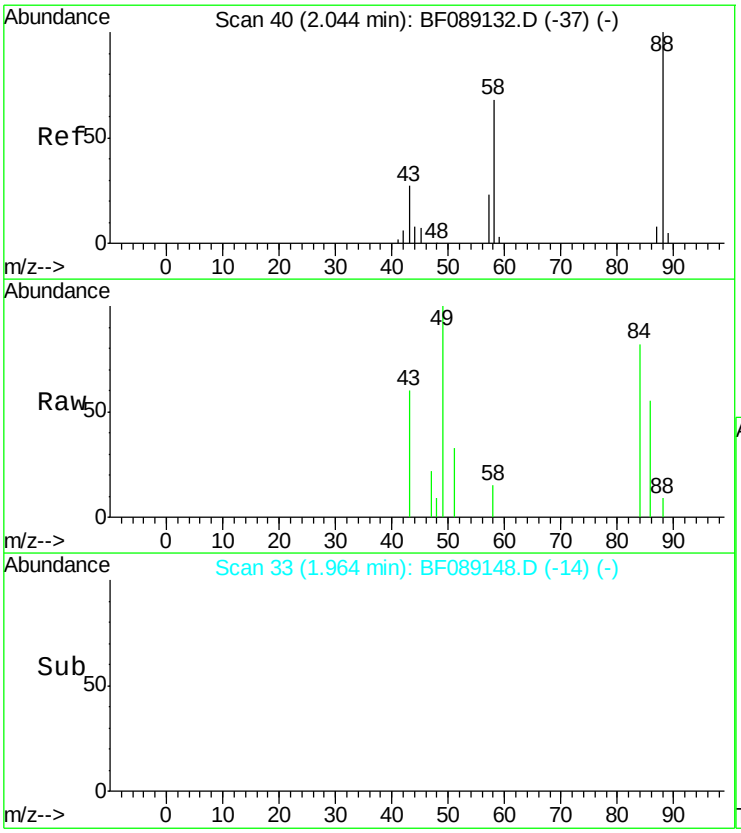
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:152 Resp: 53192

Ion	Ratio	Lower	Upper
152	100		
150	151.1	125.1	187.7
115	59.5	51.1	76.7

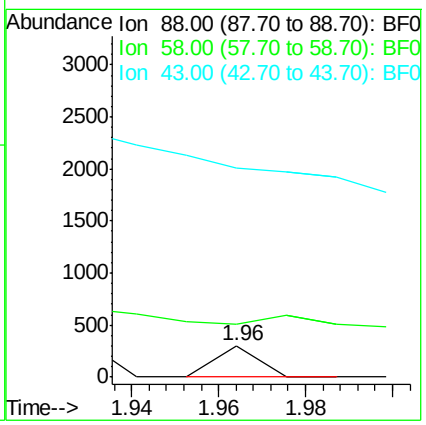


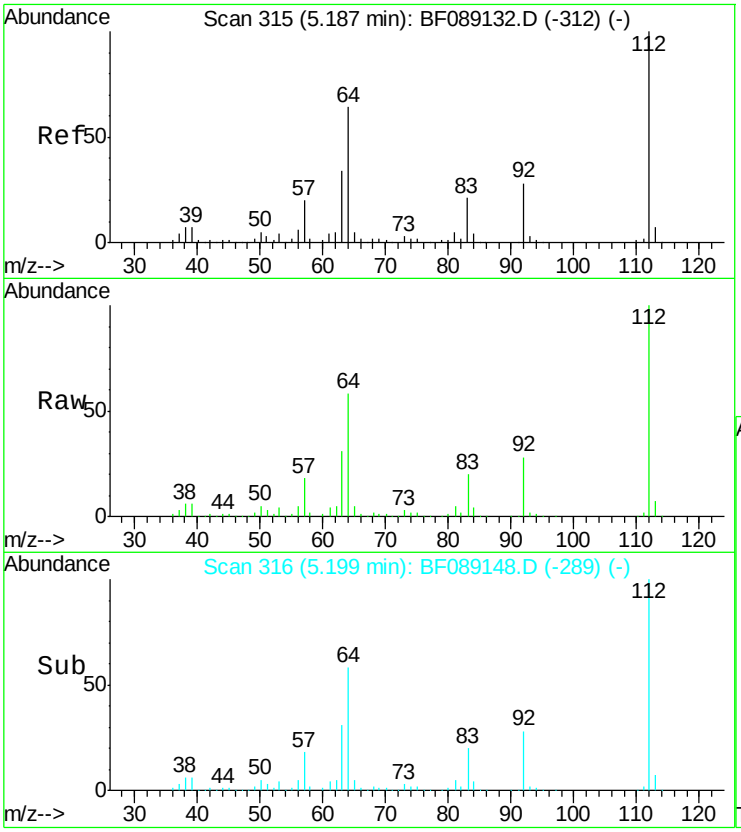


#2
1,4-Dioxane
Concen: 0.14 ng
RT: 1.96 min Scan# 33
Delta R.T. -0.08 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion: 88 Resp: 206

Ion	Ratio	Lower	Upper
88	100		
58	0.0	49.2	73.8#
43	0.0	20.6	30.8#



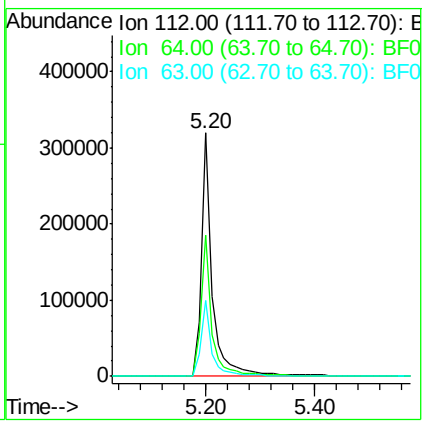


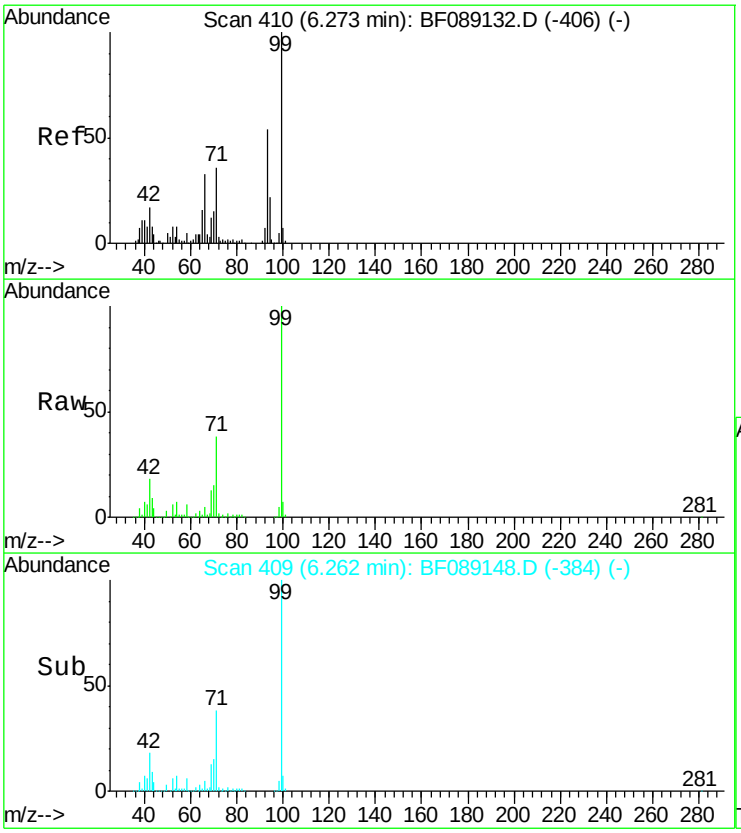
#5
2-Fluorophenol
Concen: 125.46 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:112 Resp: 438787

Ion	Ratio	Lower	Upper
112	100		
64	57.9	51.0	76.4
63	31.0	27.3	40.9

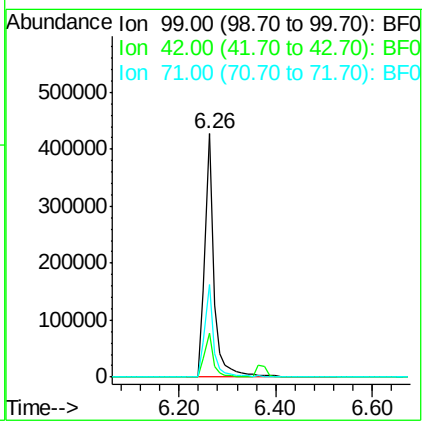


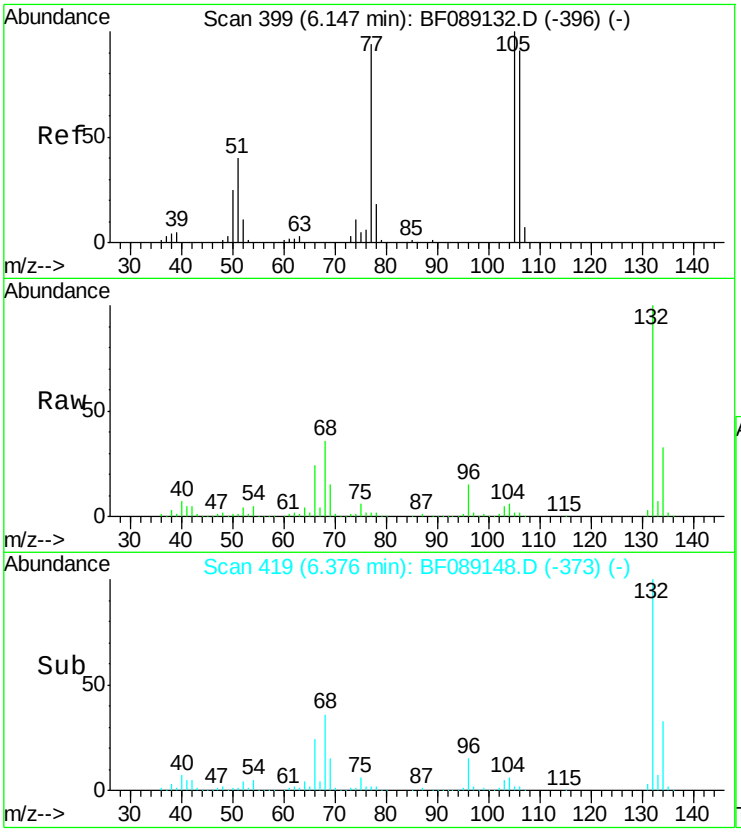


#7
Phenol-d6
Concen: 126.79 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion: 99 Resp: 571862

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	38.2	28.9	43.3



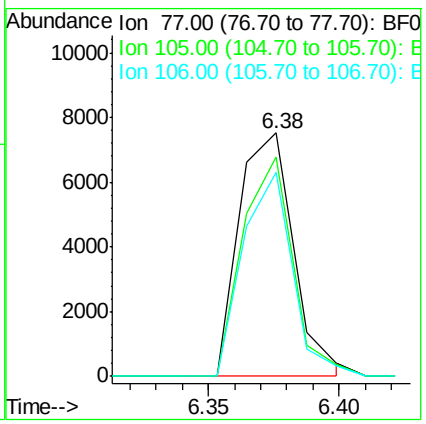


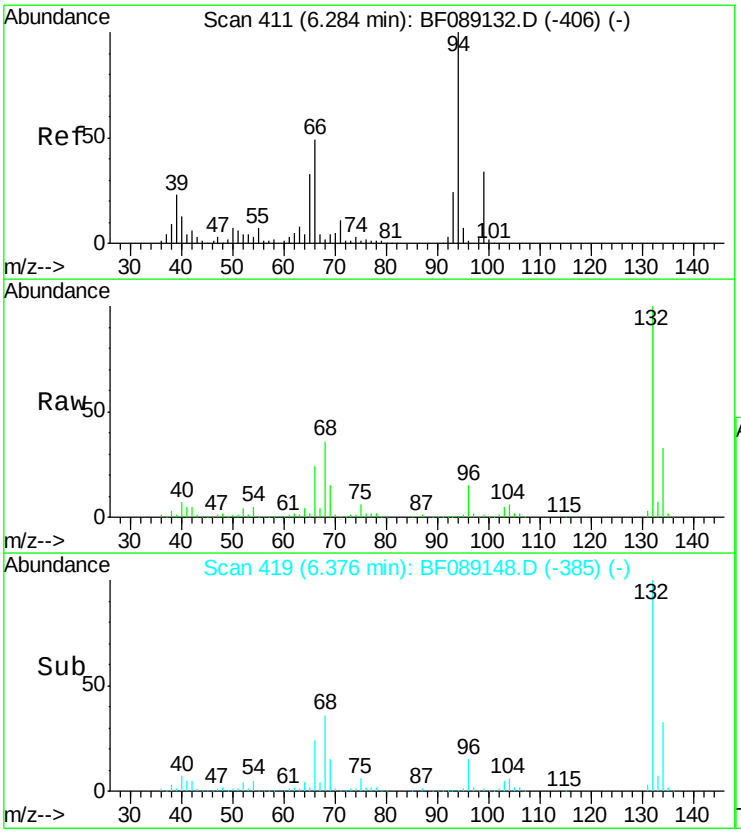
#9
Benzaldehyde
Concen: 3.44 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion: 77 Resp: 10913

Ion	Ratio	Lower	Upper
77	100		
105	90.2	86.2	126.2
106	83.7	76.3	116.3

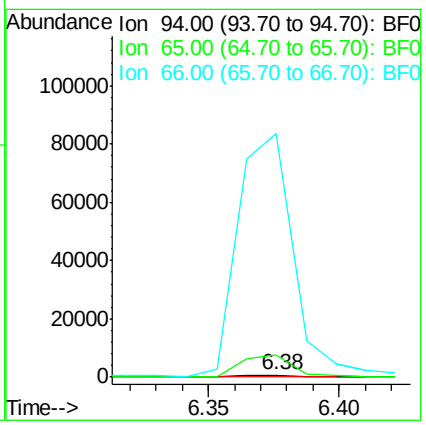


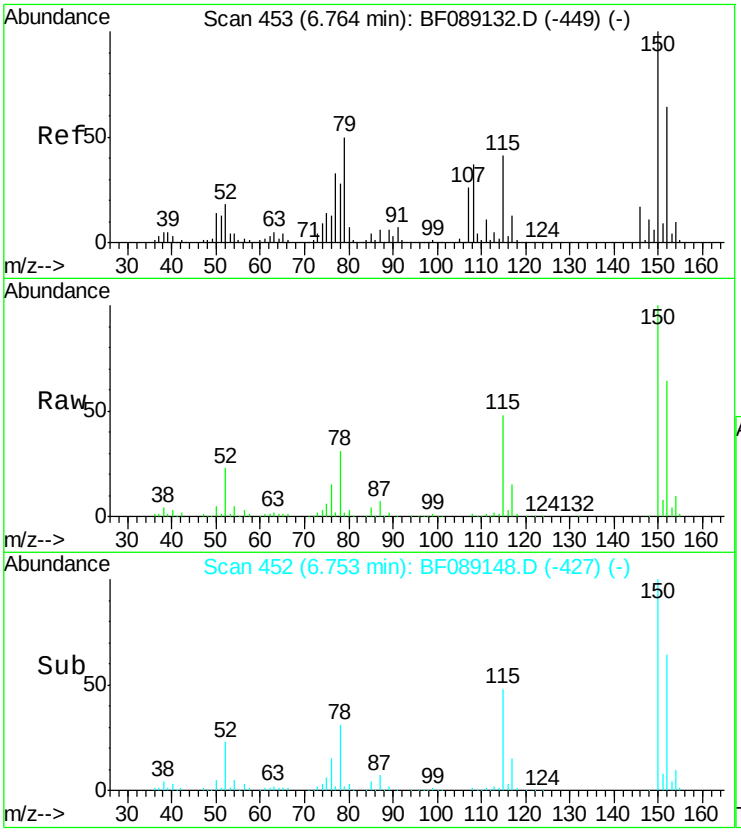


#10
Phenol
Concen: 0.18 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.09 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion: 94 Resp: 953

Ion	Ratio	Lower	Upper
94	100		
65	977.5	13.3	53.3#
66	10621.6	29.3	69.3#



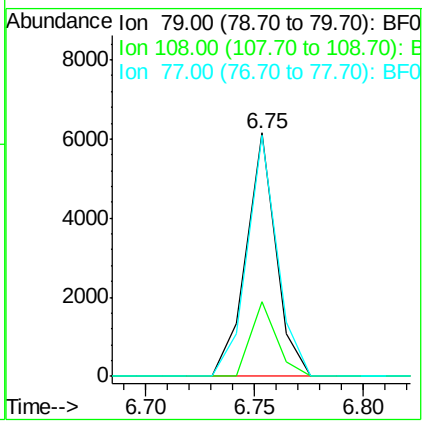


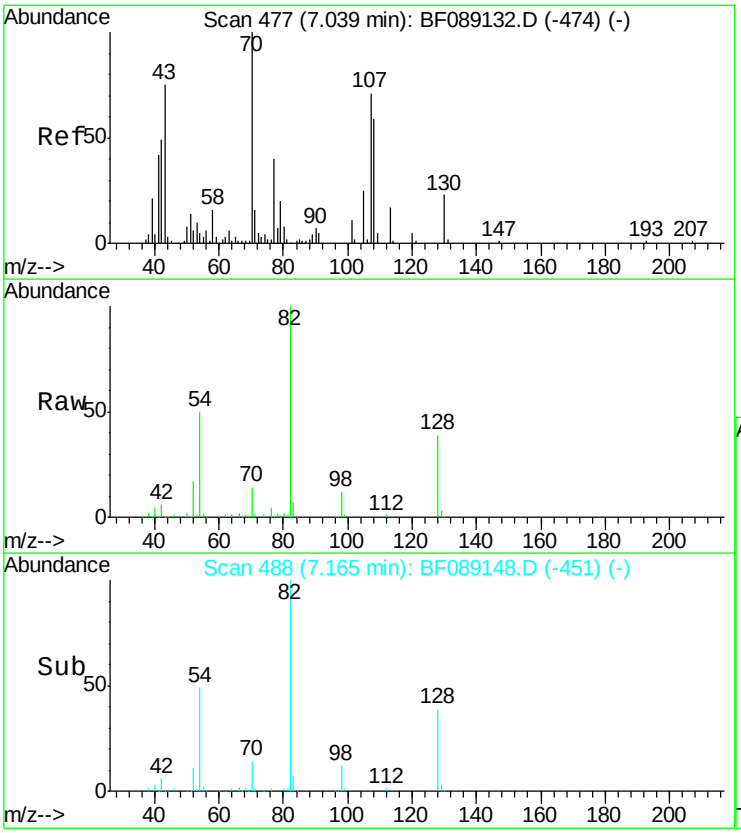
#15
Benzyl Alcohol
Concen: 1.78 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion: 79 Resp: 5870

Ion	Ratio	Lower	Upper
79	100		
108	30.6	58.2	87.4#
77	98.8	52.2	78.4#

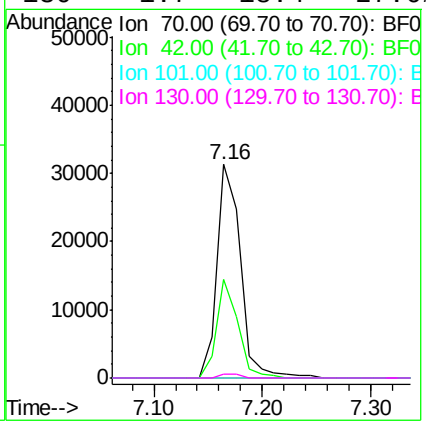


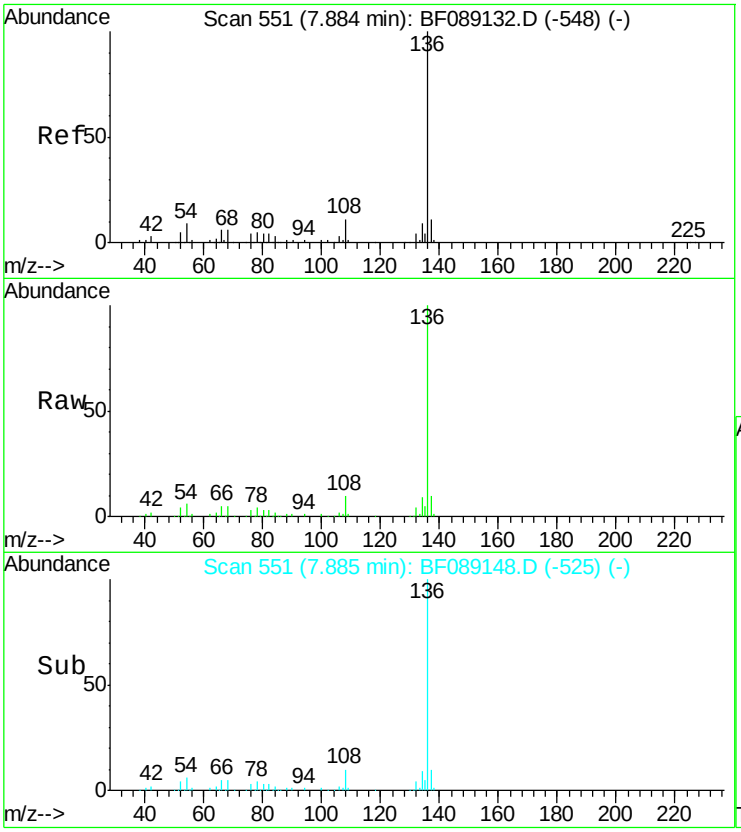


#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion: 70 Resp: 46830

Ion	Ratio	Lower	Upper
70	100		
42	46.4	39.2	58.8
101	0.0	8.5	12.7#
130	1.7	18.4	27.6#



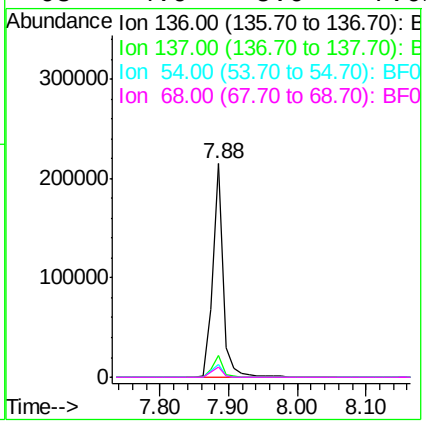


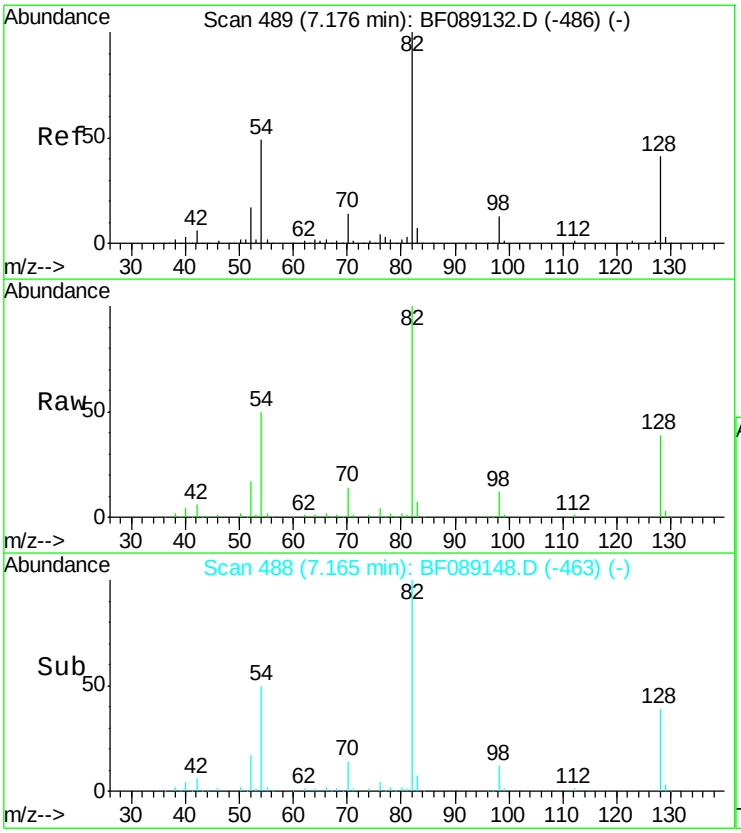
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:136 Resp: 230583

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.3	7.0	10.4#
68	4.9	5.0	7.6#

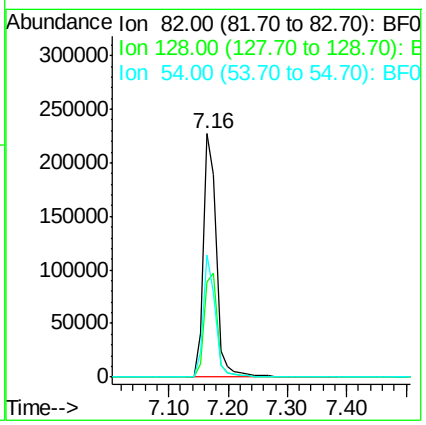


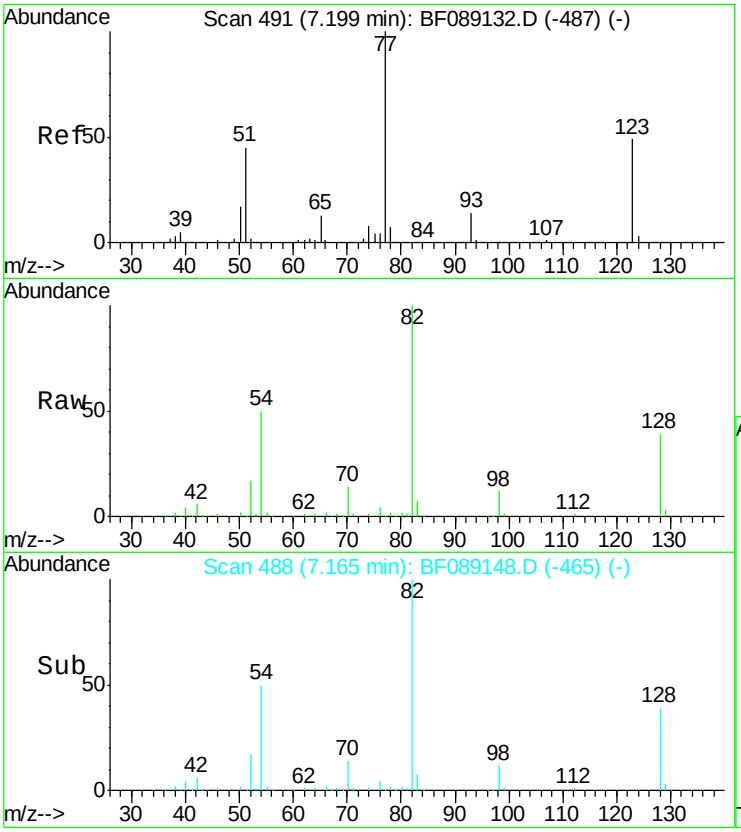


#23
Nitrobenzene-d5
Concen: 80.76 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion: 82 Resp: 350452

Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.0	49.6
54	50.4	39.0	58.4



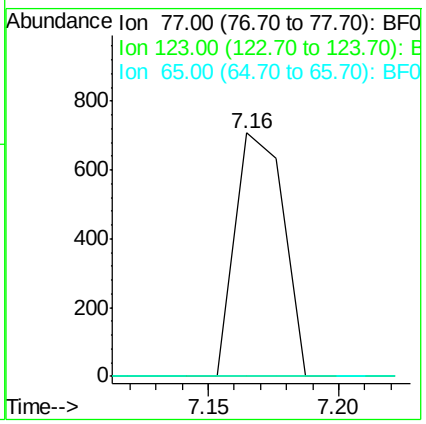


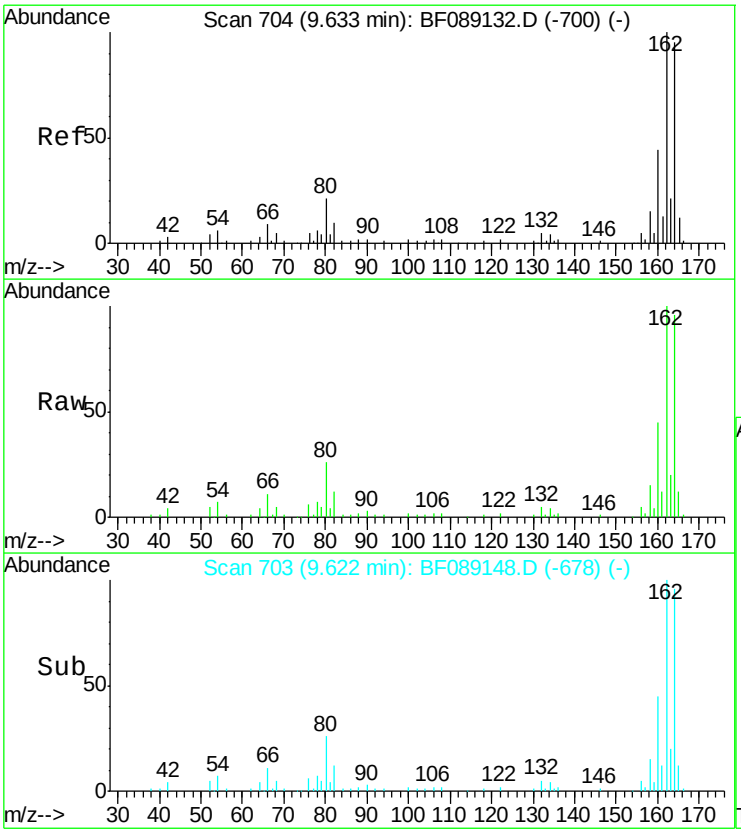
#24
Nitrobenzene
Concen: 0.20 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion: 77 Resp: 920

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.9	58.3#
65	0.0	10.6	15.8#

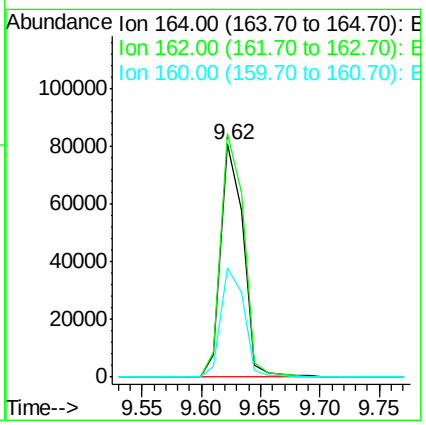


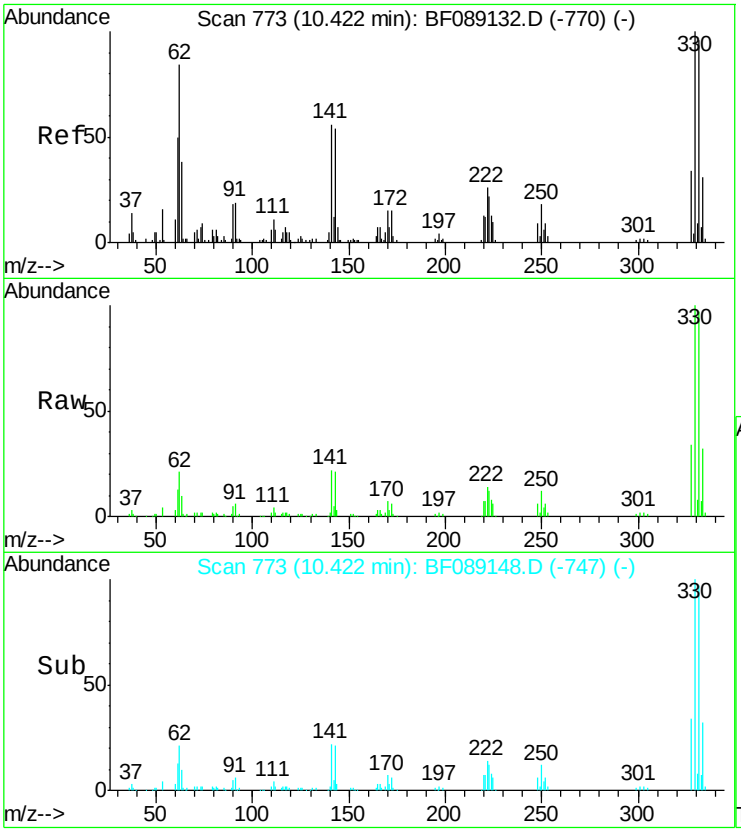


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:164 Resp: 105405

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.1	126.1
160	47.1	37.1	55.7



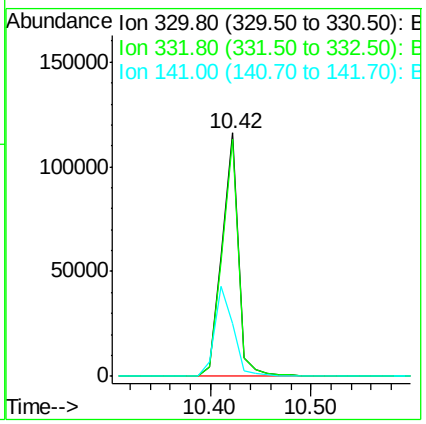


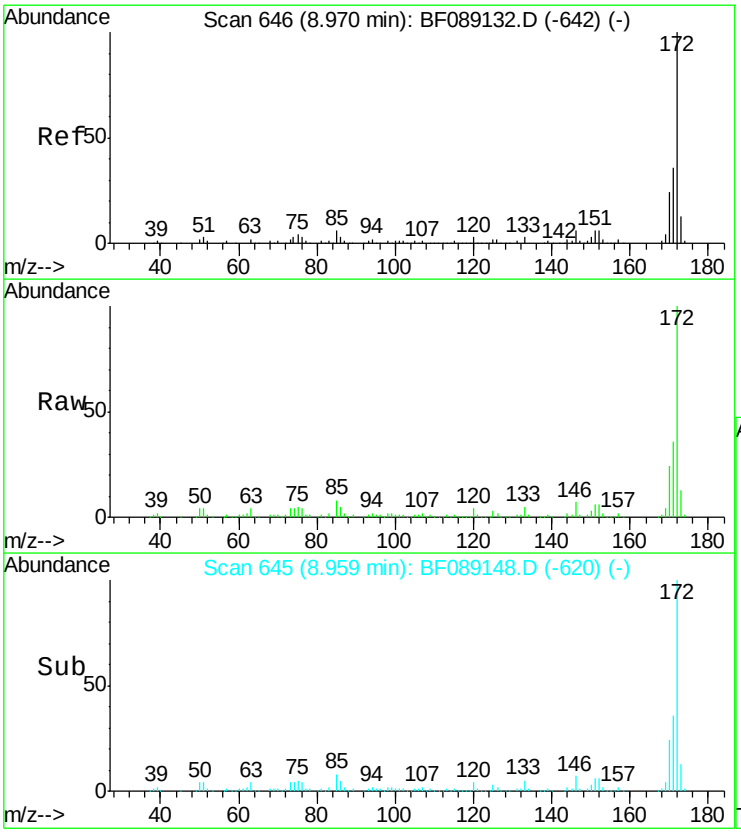
#41
2,4,6-Tribromophenol
Concen: 140.21 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:330 Resp: 133058

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	41.5	42.2	63.2#

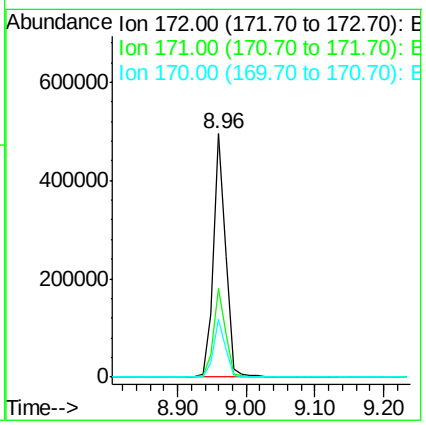


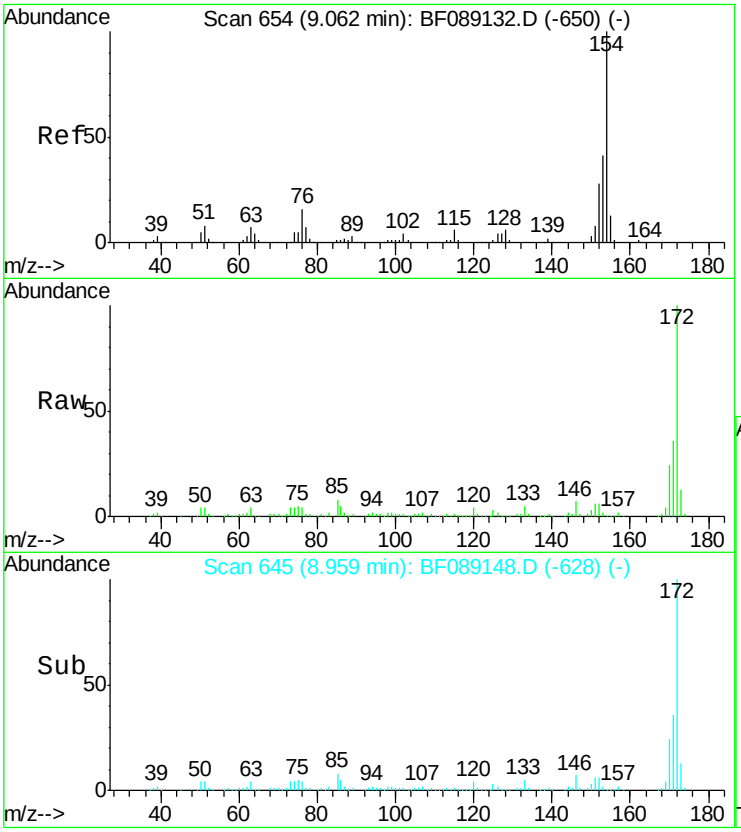


#44
2-Fluorobiphenyl
Concen: 81.79 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:172 Resp: 625712

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.1	28.7



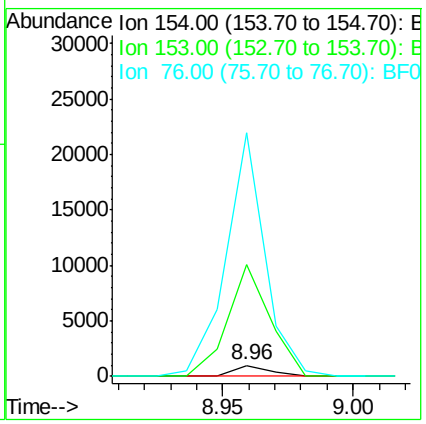


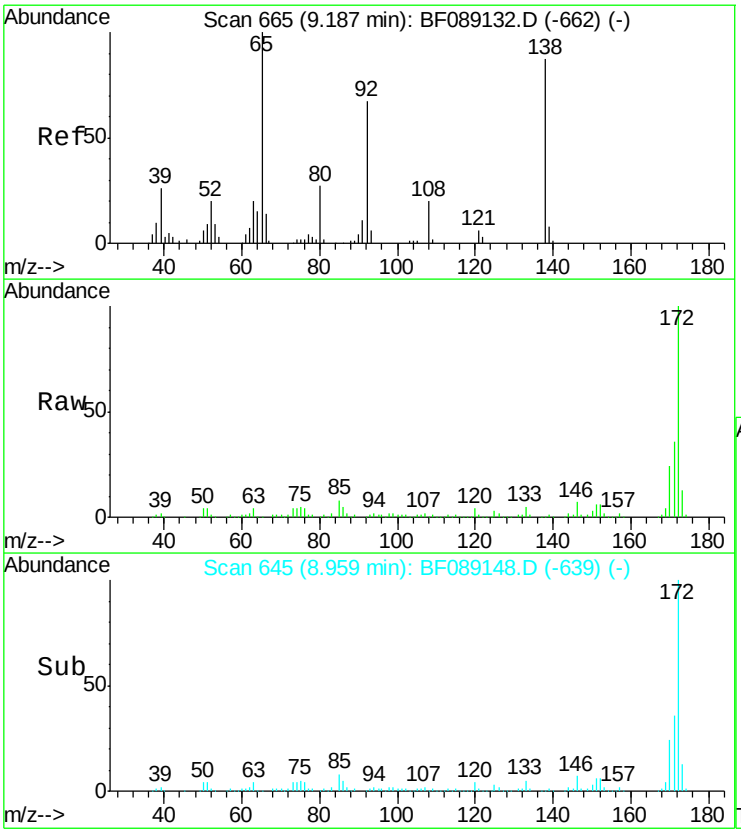
#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.10 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:154 Resp: 973

Ion	Ratio	Lower	Upper
154	100		
153	993.1	21.1	61.1#
76	2170.0	0.0	35.8#

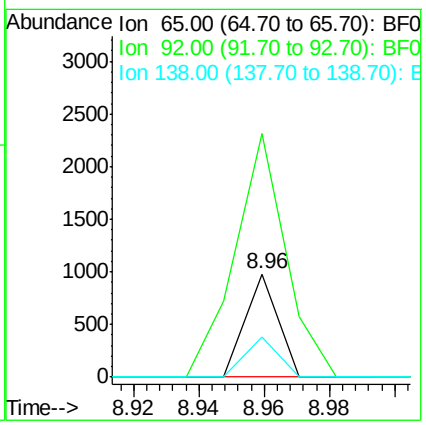


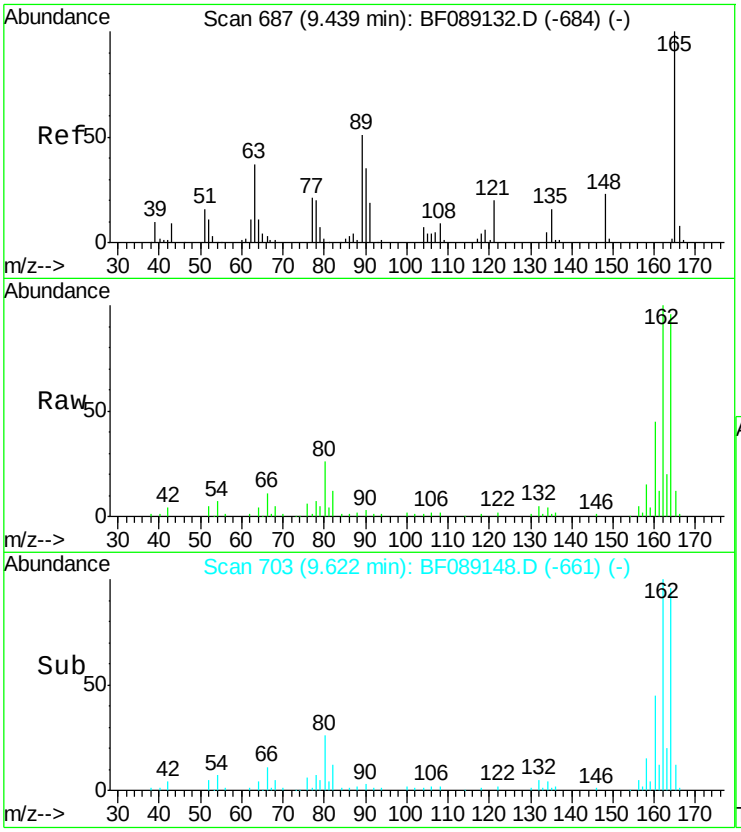


#47
2-Nitroaniline
Concen: 0.27 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.23 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion: 65 Resp: 674

Ion	Ratio	Lower	Upper
65	100		
92	235.3	53.2	79.8#
138	38.4	69.4	104.2#



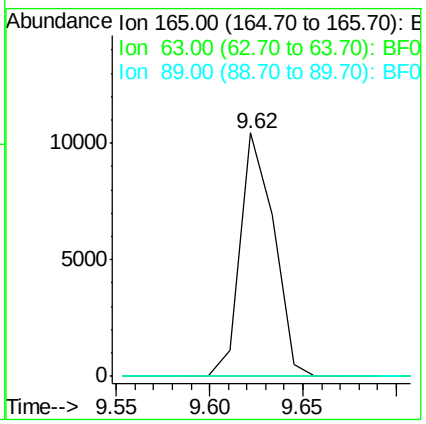


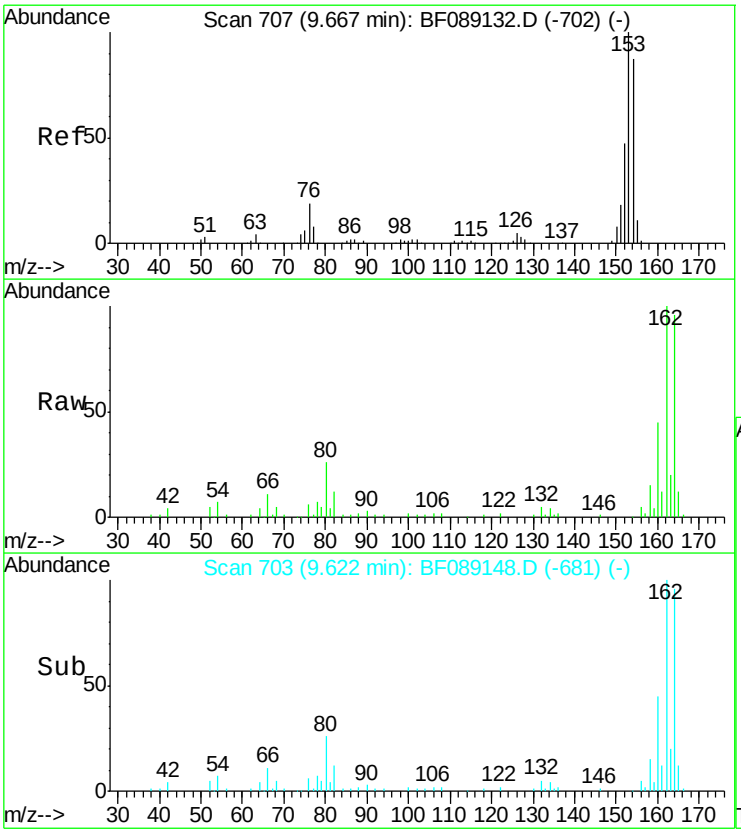
#50
2,6-Dinitrotoluene
Concen: 7.15 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.18 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:165 Resp: 13058

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#

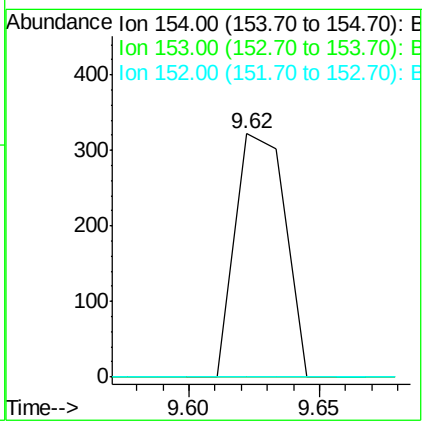


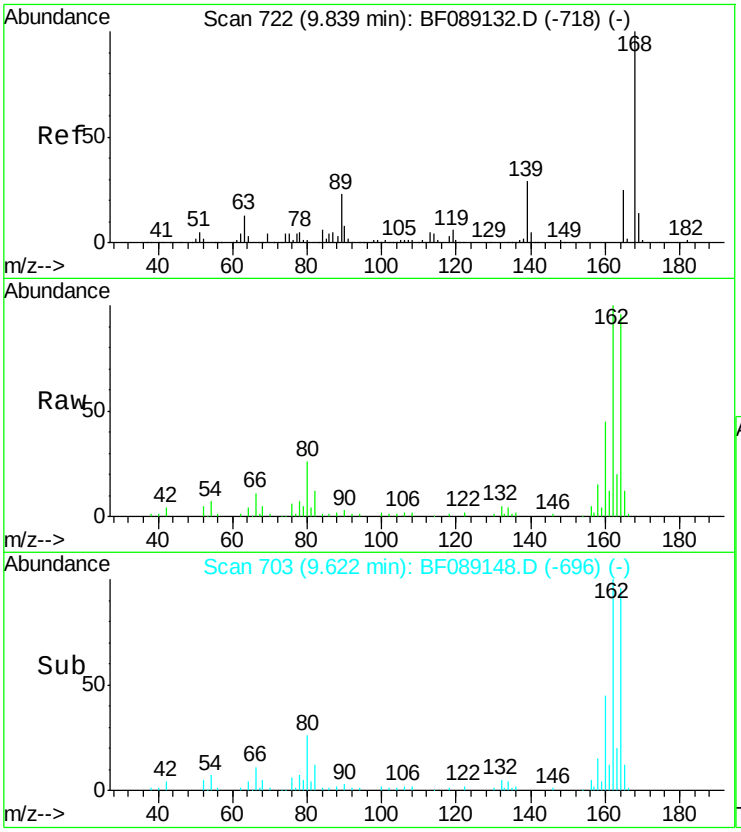


#51
Acenaphthene
Concen: 0.06 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.05 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:154 Resp: 428

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.9	137.9#
152	0.0	42.8	64.2#



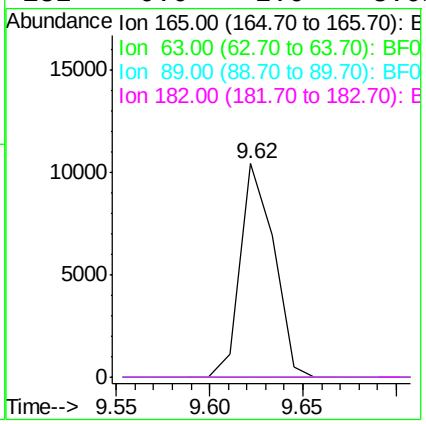


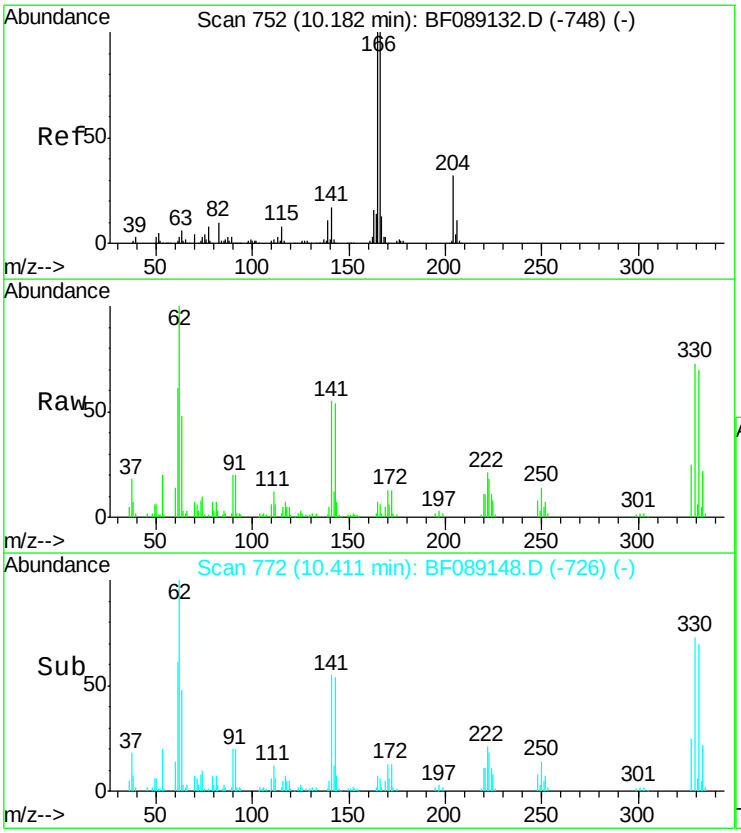
#56
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.22 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:165 Resp: 13058

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

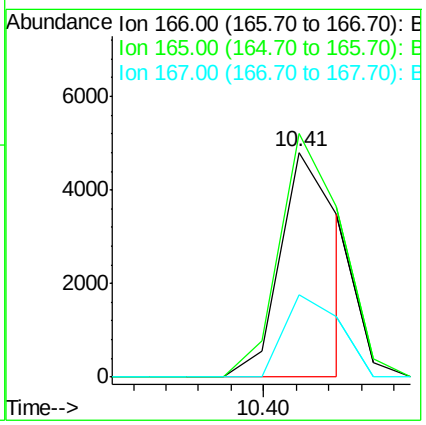


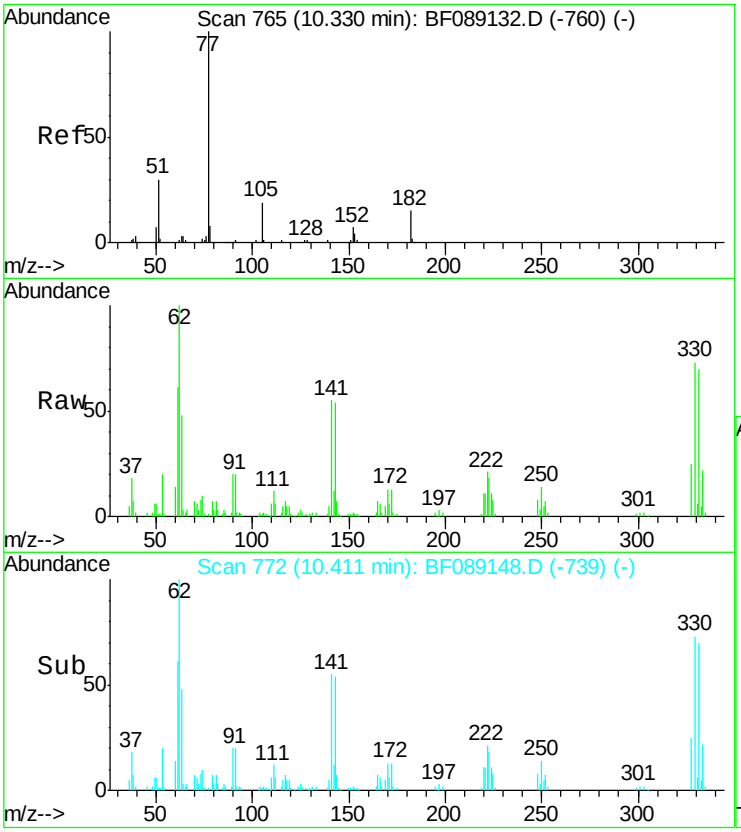


#57
Fluorene
Concen: 0.79 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.23 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:166 Resp: 6078

Ion	Ratio	Lower	Upper
166	100		
165	108.3	79.9	119.9
167	36.6	10.7	16.1#



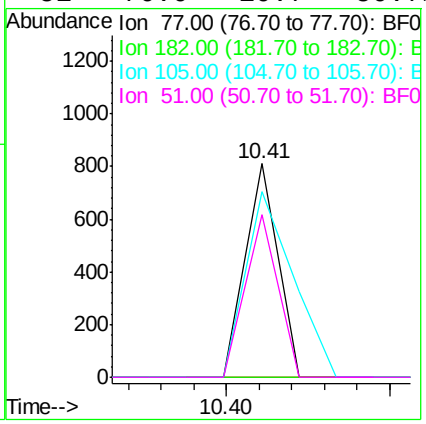


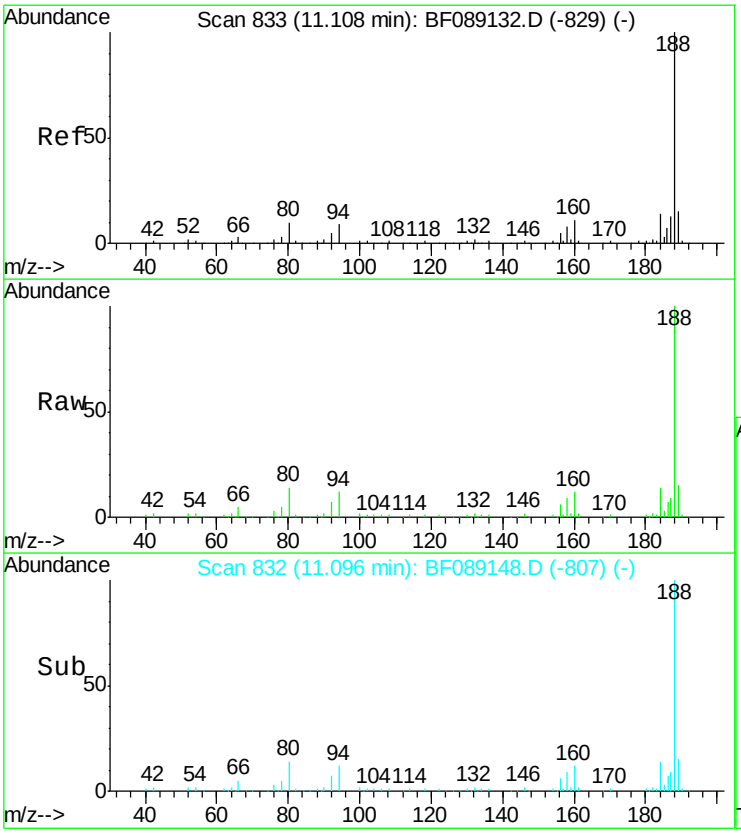
#62
Azobenzene
Concen: 0.06 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.08 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion: 77 Resp: 556

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	35.0
105	87.1	0.0	39.4#
51	76.0	10.7	50.7#

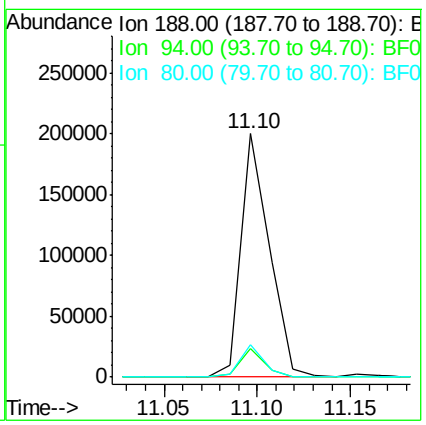


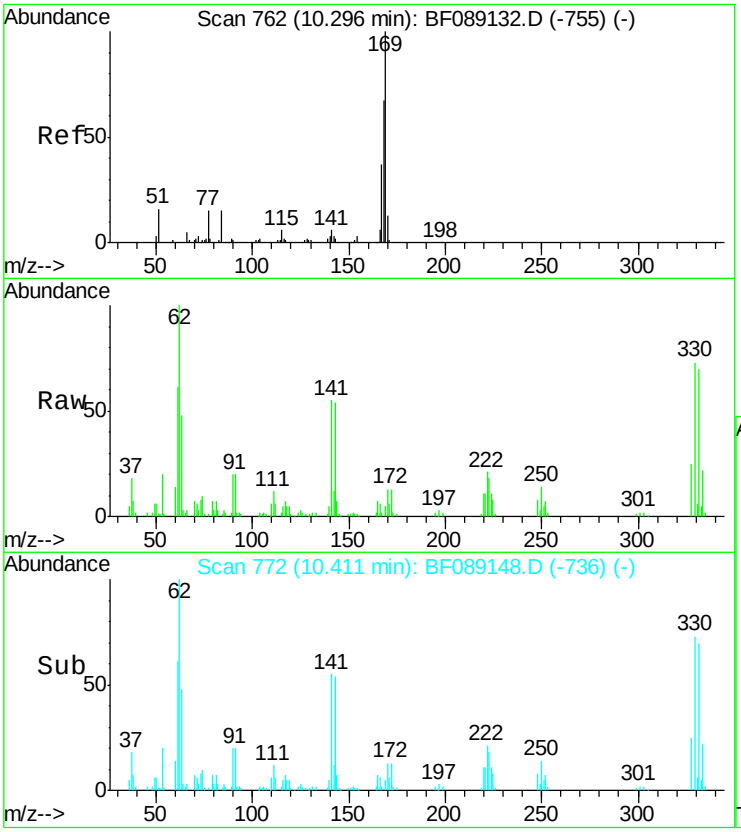


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:188 Resp: 215094

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.0	10.4#
80	13.6	7.7	11.5#



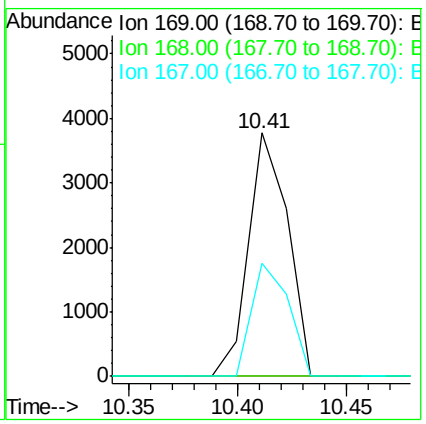


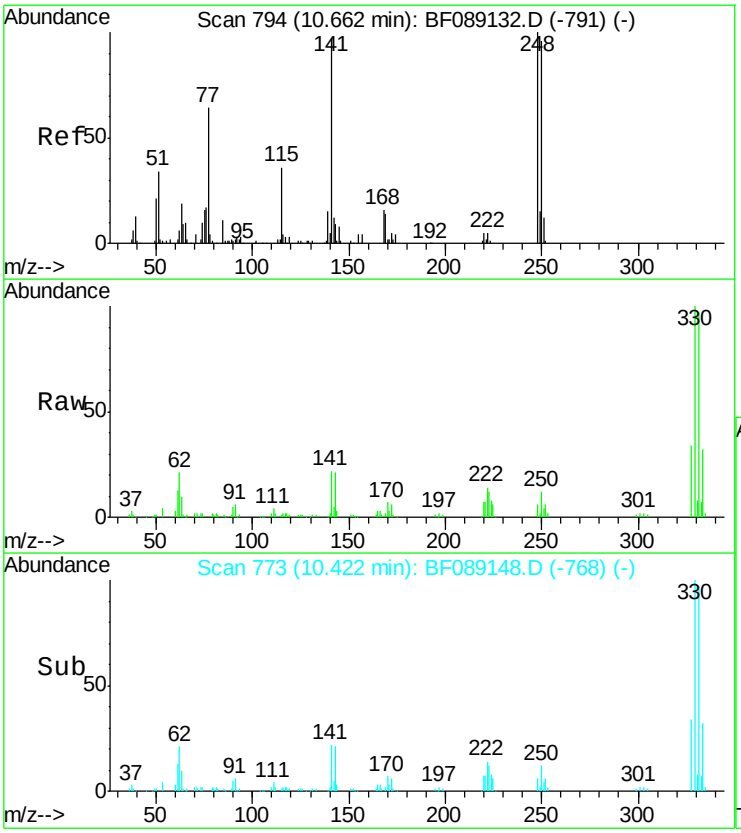
#65
n-Nitrosodiphenylamine
Concen: 0.66 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.11 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:169 Resp: 4745

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	46.5	29.5	44.3#

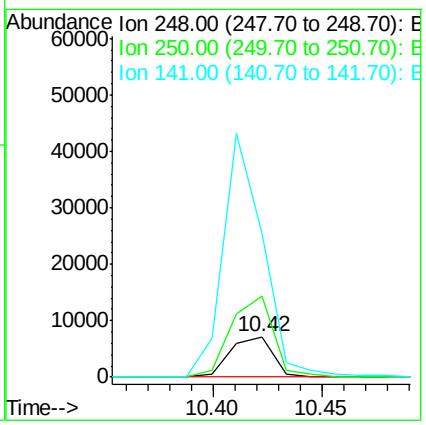


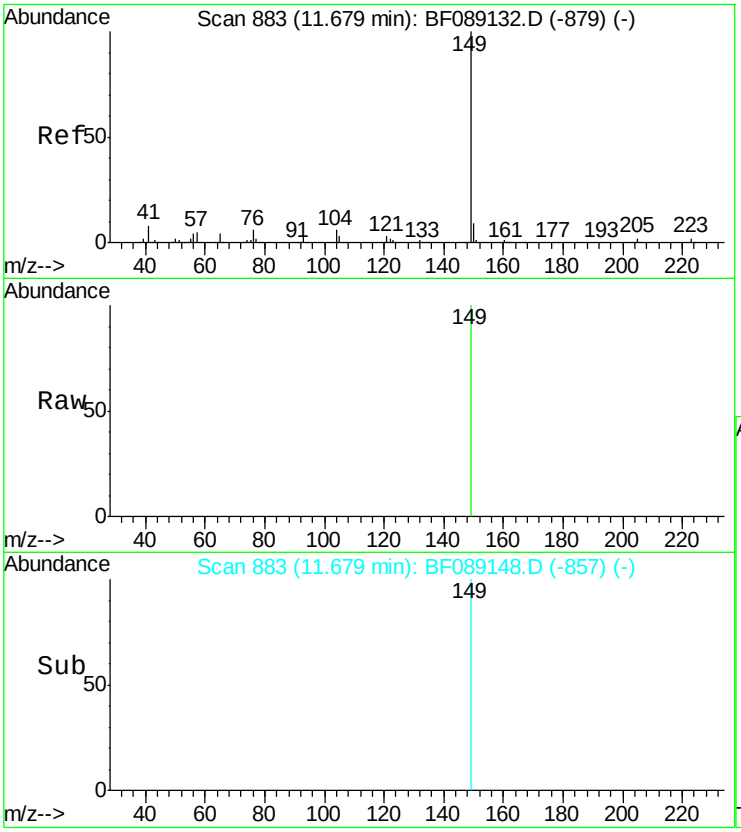


#66
4-Bromophenyl-phenylether
Concen: 4.58 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.24 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:248 Resp: 9749

Ion	Ratio	Lower	Upper
248	100		
250	200.7	76.9	115.3#
141	358.0	77.4	116.2#



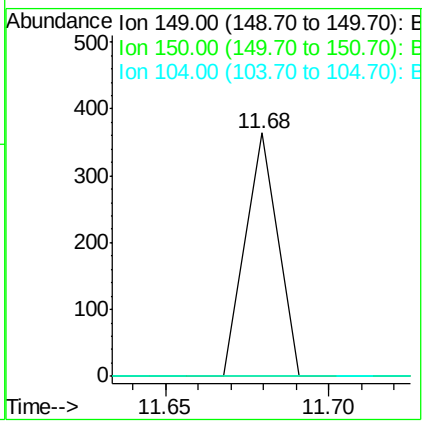


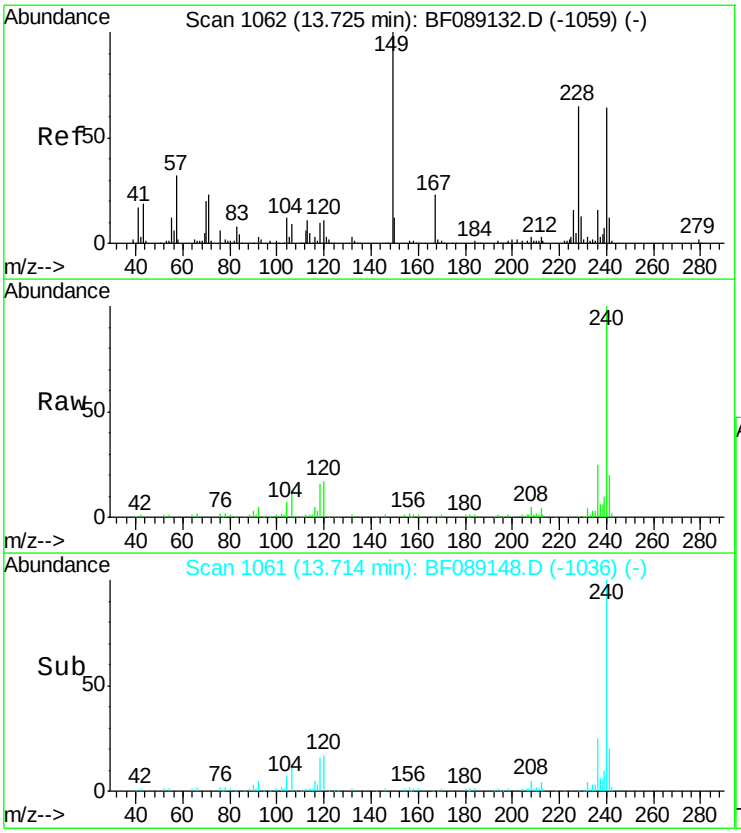
#73
Di-n-butylphthalate
Concen: 0.02 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:149 Resp: 250

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.2#
104	0.0	4.6	6.8#

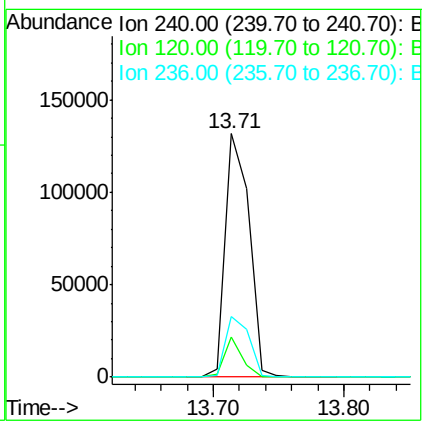


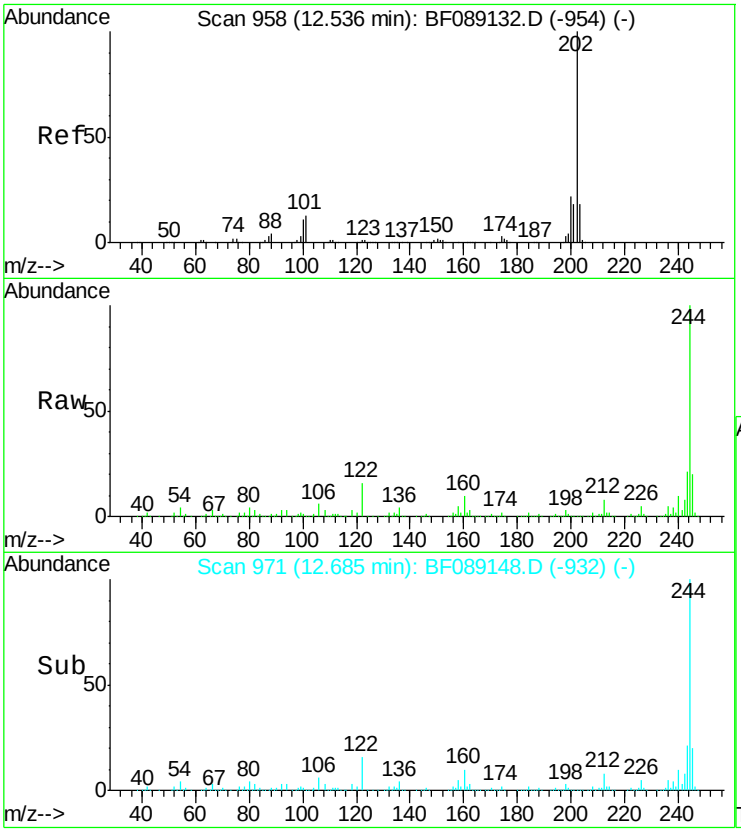


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:240 Resp: 167109

Ion	Ratio	Lower	Upper
240	100		
120	16.7	13.6	20.4
236	25.0	20.5	30.7



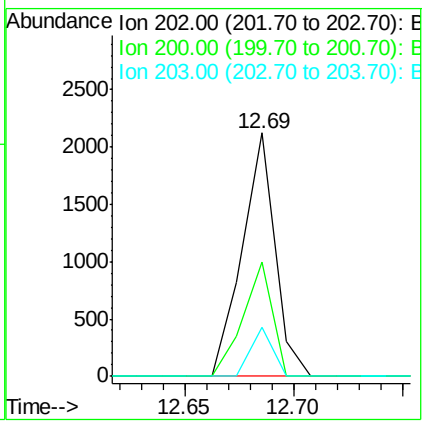


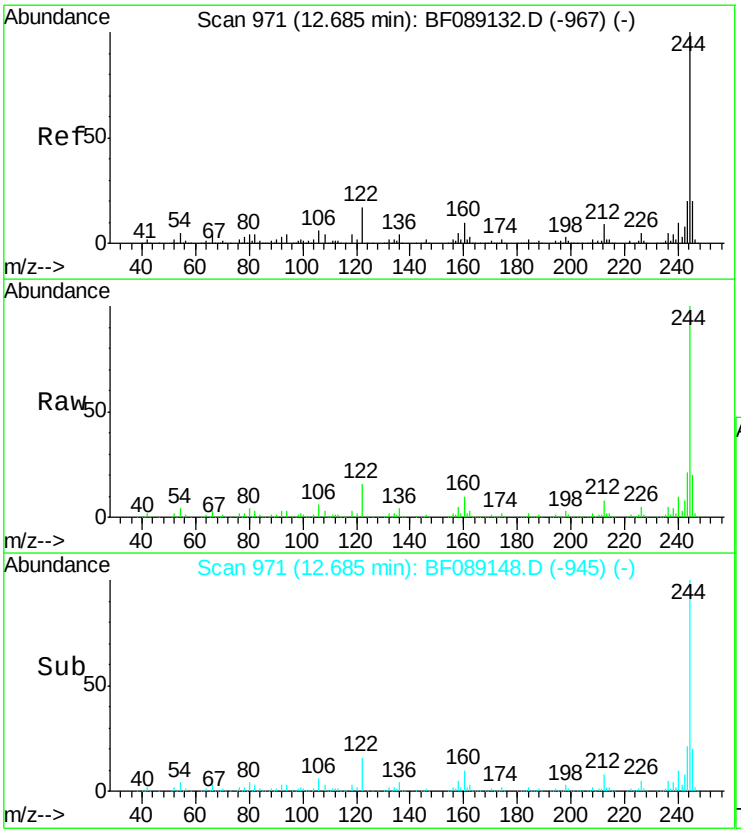
#77
Pyrene
Concen: 0.16 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.15 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument : BNA_F
ClientSampleId : PB92306BL

Tgt Ion:202 Resp: 2226

Ion	Ratio	Lower	Upper
202	100		
200	47.1	17.4	26.0#
203	20.3	14.2	21.2

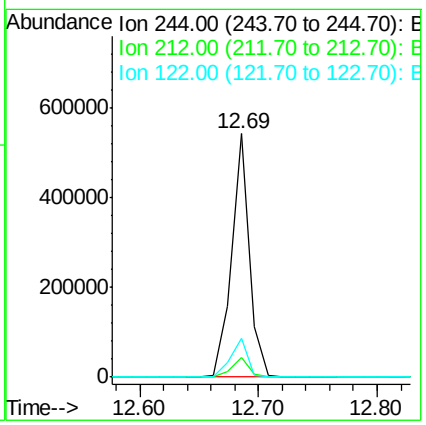


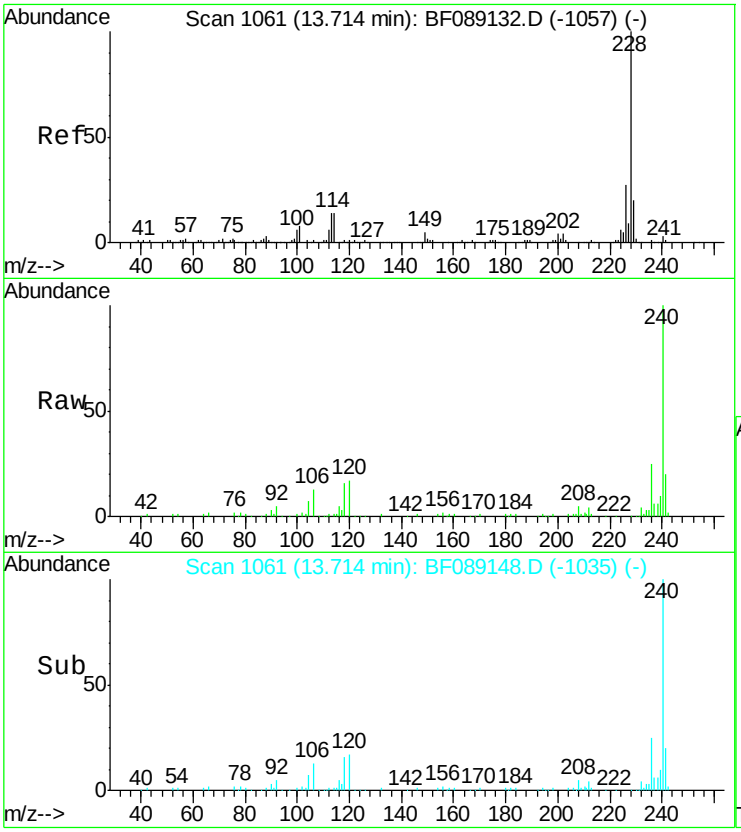


#78
Terphenyl-d14
Concen: 73.05 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:244 Resp: 562783

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	15.8	13.8	20.8



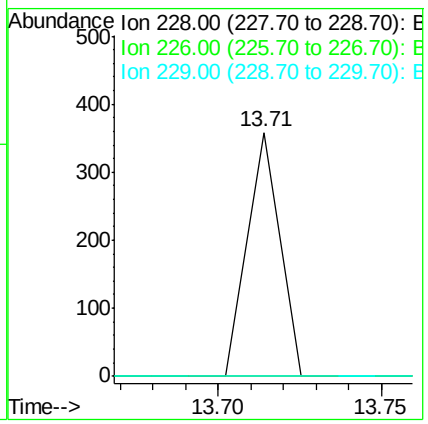


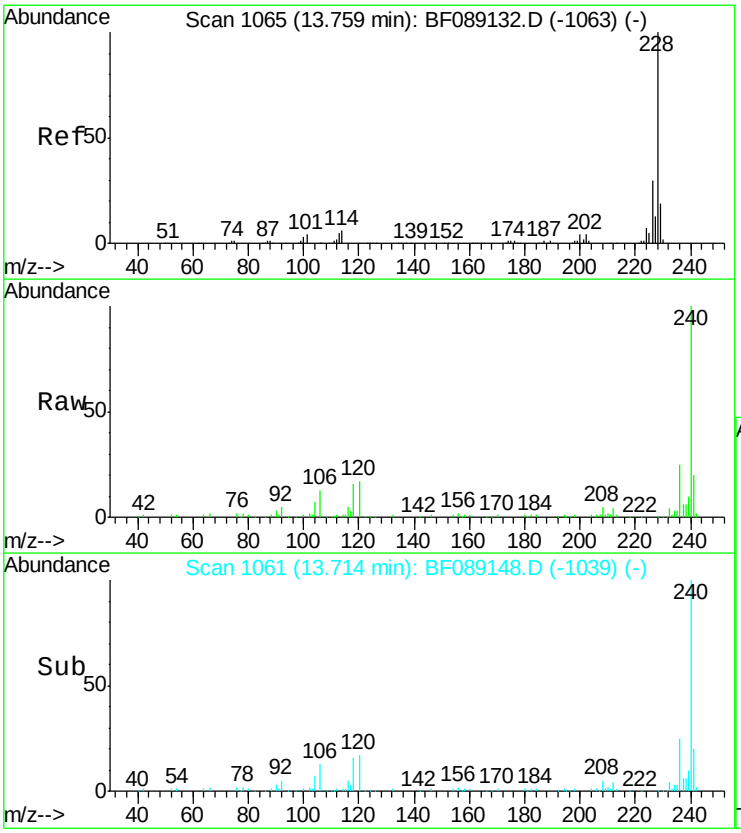
#80
Benzo(a)anthracene
Concen: 0.02 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:228 Resp: 246

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.8#
229	0.0	15.8	23.8#

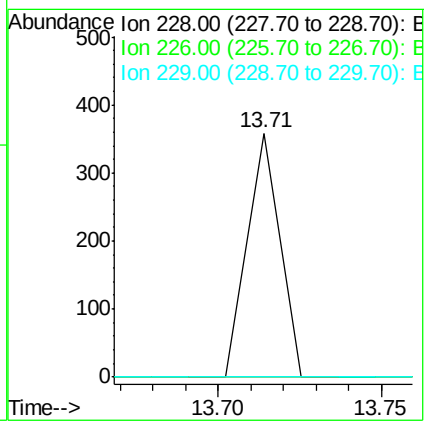


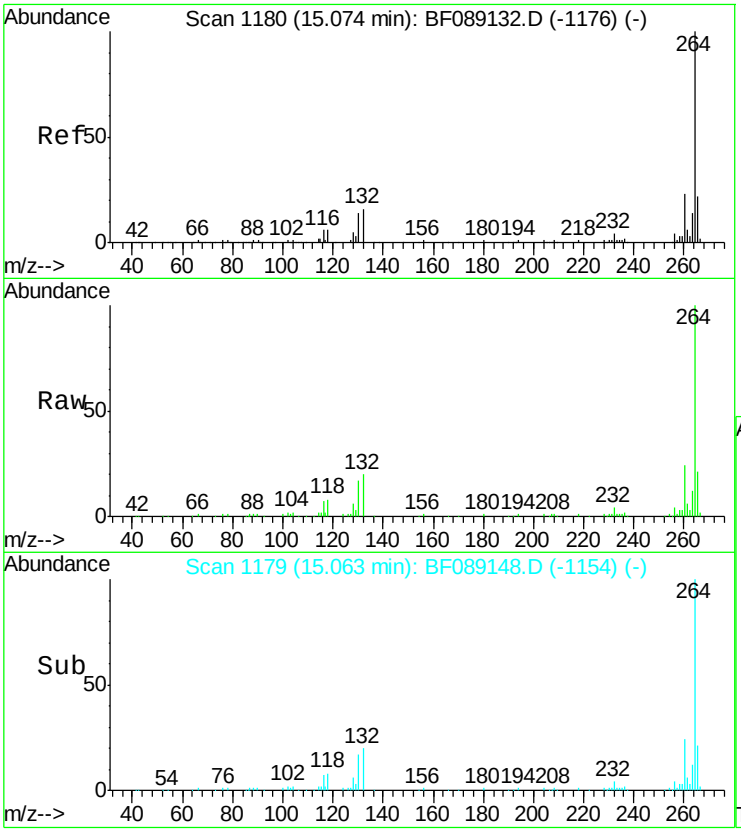


#82
Chrysene
Concen: 0.02 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:228 Resp: 246

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	0.0	15.4	23.0#



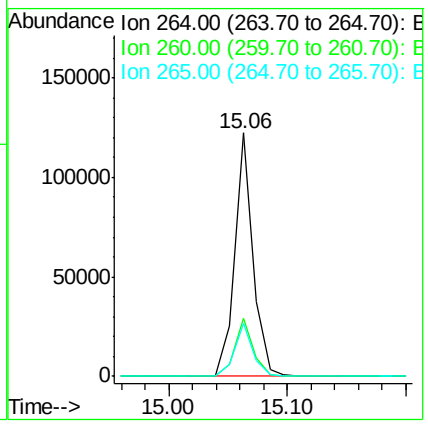


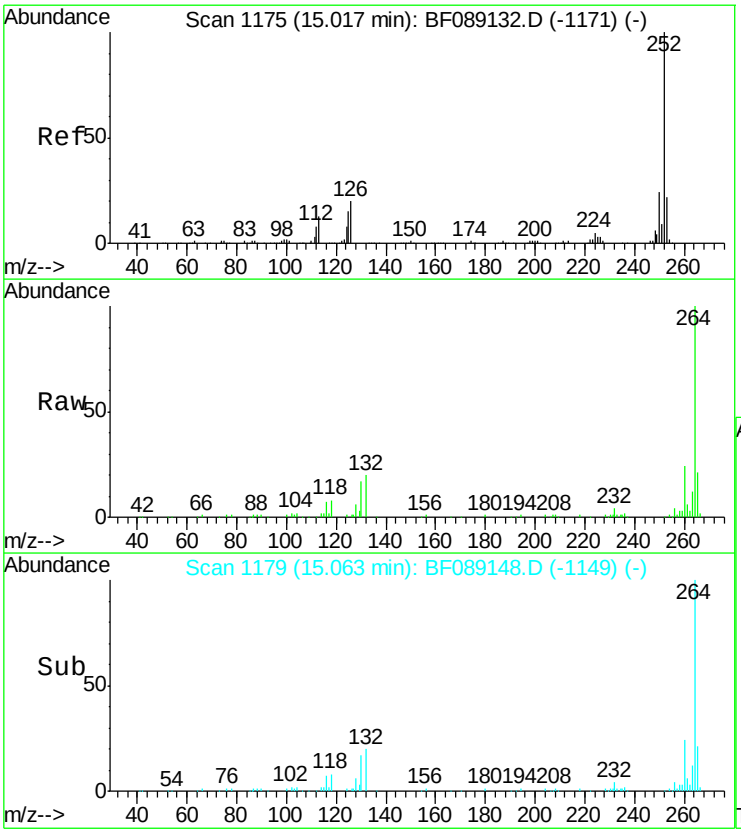
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:264 Resp: 131189

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.5	17.3	25.9





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.05 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:252 Resp: 265

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	12.4	18.6#