Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Time: Jun 28 04:53:31 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	6.54	152	59979	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	220053	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	92697	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	139837	20.00	ng		-0.01
75) Chrysene-d12	13.69	240	110901	20.00	ng		0.00
86) Perylene-d12	15.05	264	110941	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	440660	125.60	ng		-0.01
7) Phenol-d6	6.20	99	501104	117.85	ng		-0.03
23) Nitrobenzene-d5	7.12	82	329008	87.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	87007	88.89	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	513951	87.24	ng		-0.01
78) Terphenyl-d14	12.64	244	317980	65.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	74139	43.49	ng	#	87
10) Phenol	6.22	94	5673	Below Cal		#	1
18) Hexachloroethane	7.11	117	38886	24.42	ng	#	2
31) Naphthalene	7.85	128	46587	4.28	ng	#	80
35) Caprolactam	8.26	113	13152	13.21	ng	#	1
37) 2-Methylnaphthalene	8.55	142	110183	15.35	ng		98
45) 1,1'-Biphenyl	9.02	154	1919	Below Cal		#	40
49) Dimethylphthalate	9.31	163	65760	9.79	ng	#	99
51) Acenaphthene	9.61	154	22212	3.73	ng	#	87
53) 2,4-Dinitrophenol	9.79	184	440	3.75	ng	#	1
55) 4-Nitrophenol	9.78	139	12386	8.99	ng	#	54
56) 2,4-Dinitrotoluene	9.78	165	7670	3.88	ng	#	57
57) Fluorene	10.12	166	24787	Below Cal		#	81
64) 4,6-Dinitro-2-methylphenol	10.22	198	1118	3.39	ng	#	1
65) n-Nitrosodiphenylamine	10.24	169	92329	19.90	ng	#	45
70) Phenanthrene	11.08	178	115918	15.80	ng	#	93
71) Anthracene	11.08	178	115918	15.66	ng	#	93
74) Fluoranthene	12.49	202	27824	3.59	ng		86
77) Pyrene	12.49	202	40874	4.97	ng	#	90
80) Benzo(a)anthracene	13.70	228	54002	8.54	ng	#	28
82) Chrysene	13.70	228	54002	9.08	ng	#	37

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

Quantitation Report (Not Reviewed)

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Acq On : 27 Jun 2016 21:52
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Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
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1

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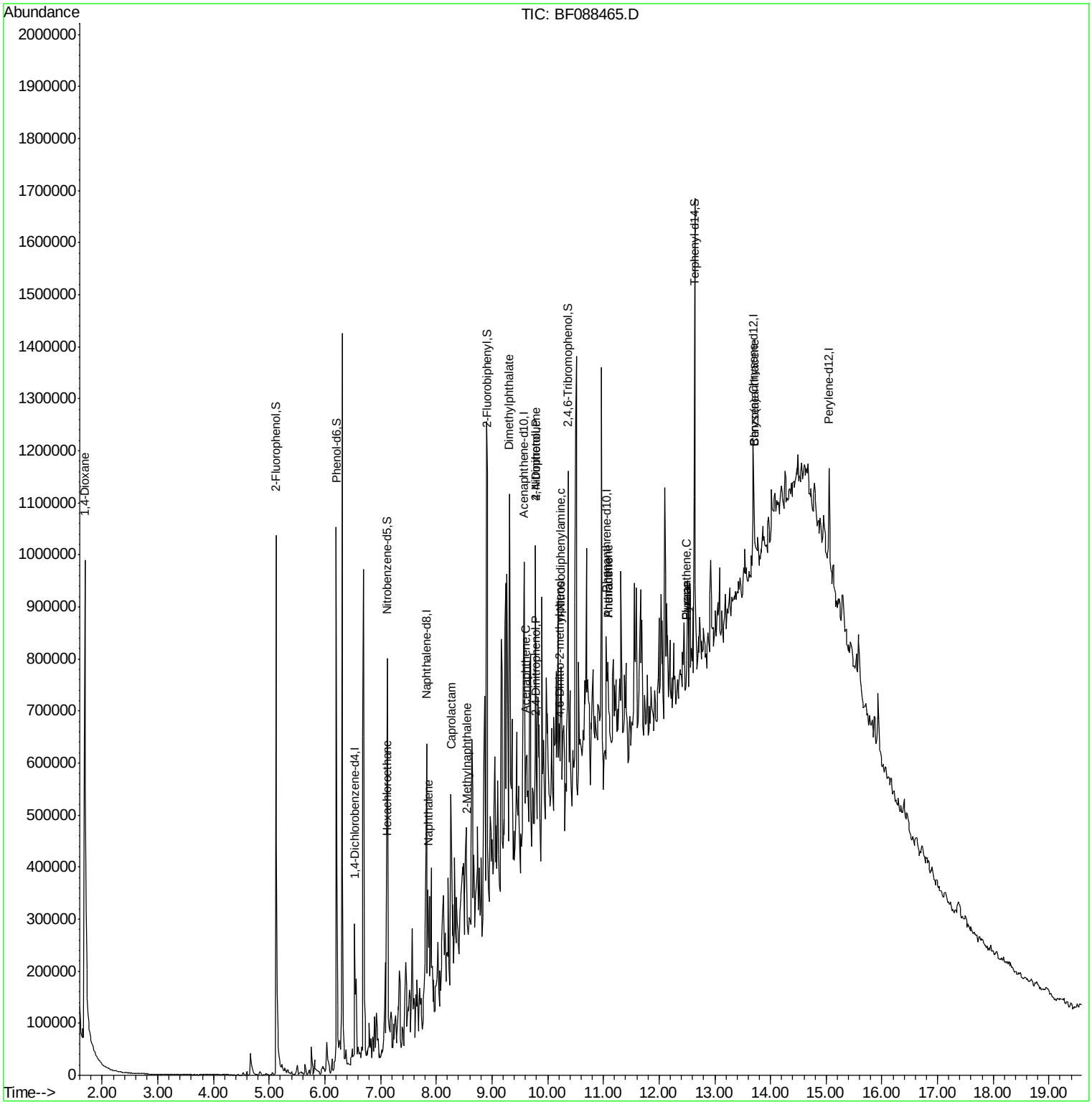
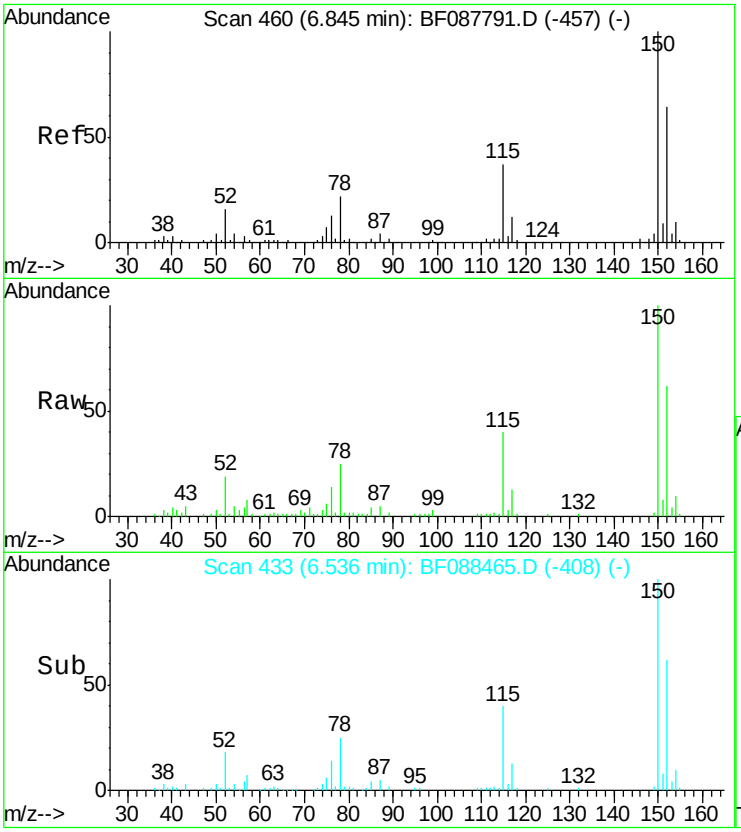


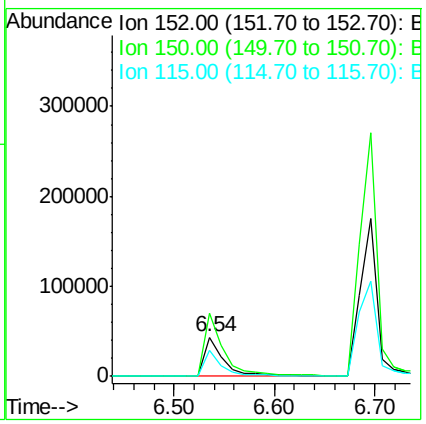


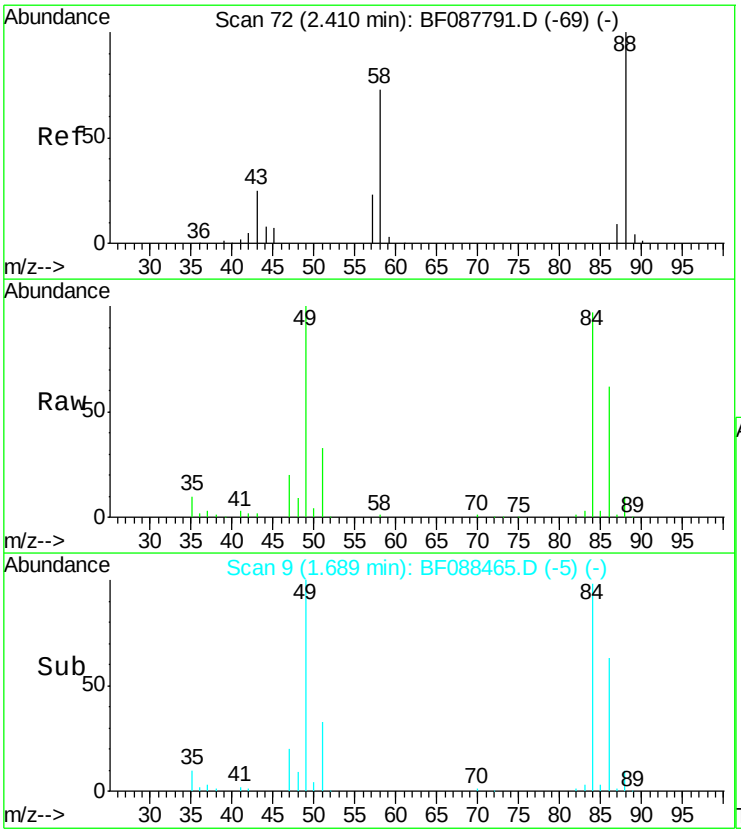
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:152 Resp: 59979

Ion	Ratio	Lower	Upper
152	100		
150	161.7	123.8	185.6
115	65.4	39.6	59.4#

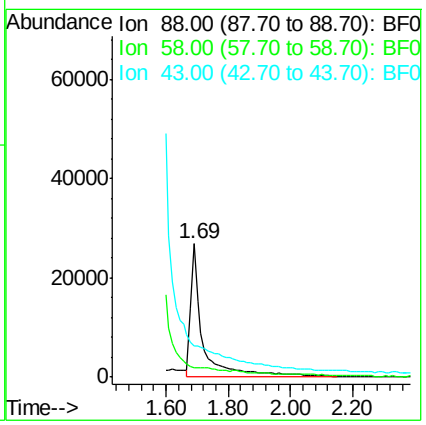


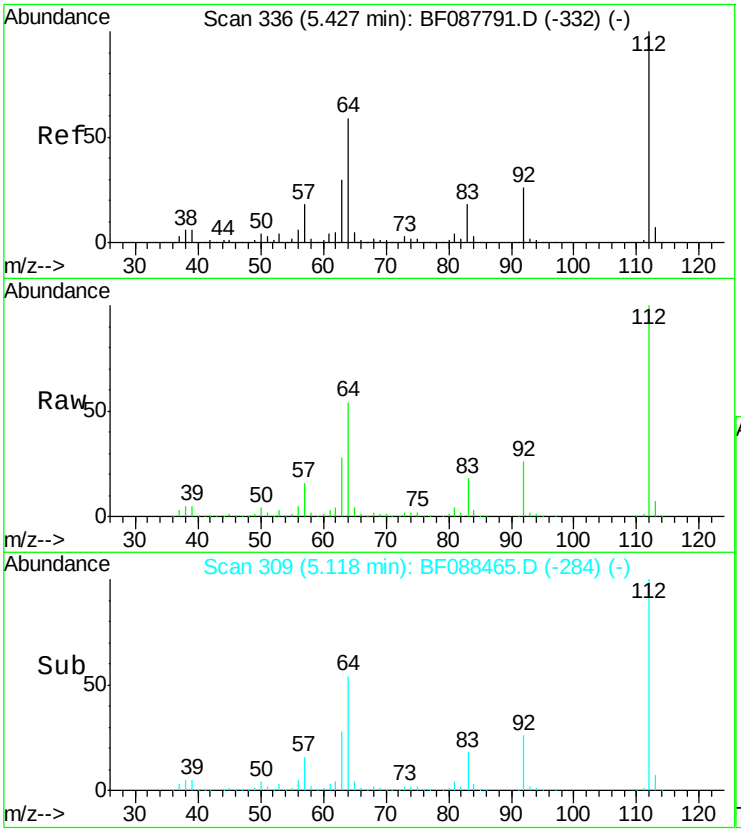


#2
1,4-Dioxane
Concen: 43.49 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.25 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion: 88 Resp: 74139

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	3.4	5.2#



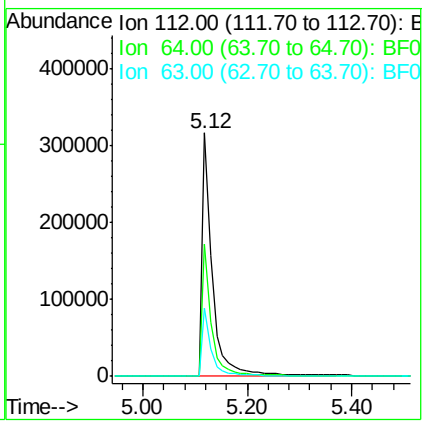


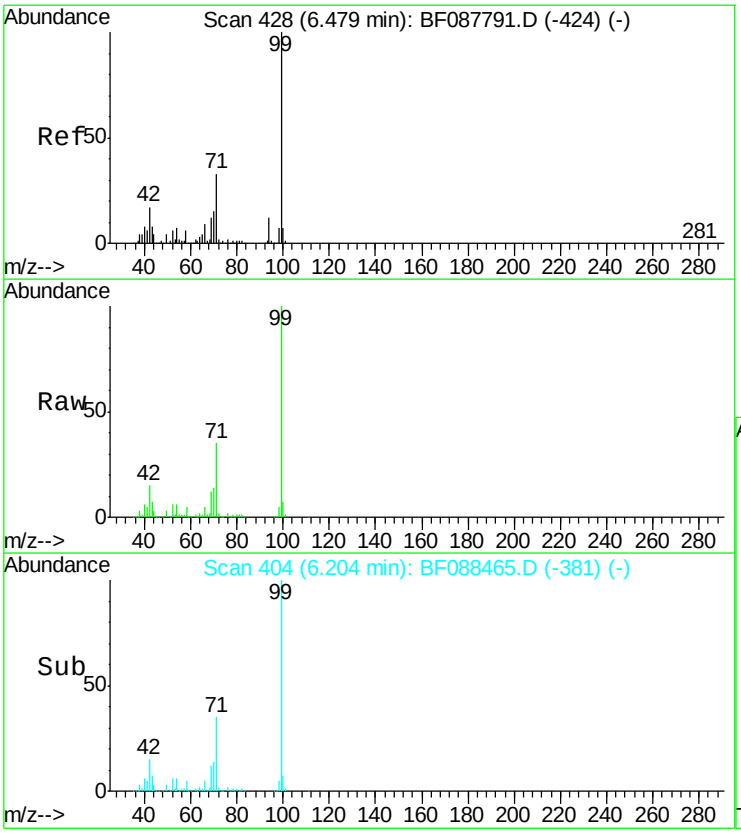
#5
2-Fluorophenol
Concen: 125.60 ng
RT: 5.12 min Scan# 309
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:112 Resp: 440660

Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.2	63.2
63	28.2	21.8	32.8

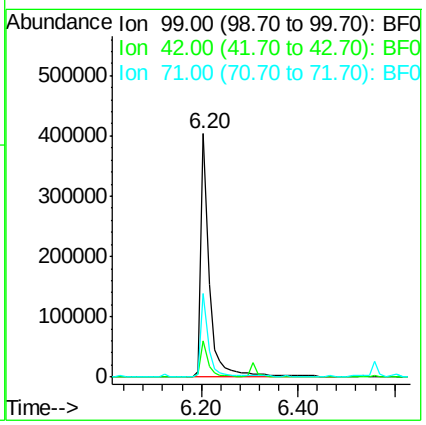


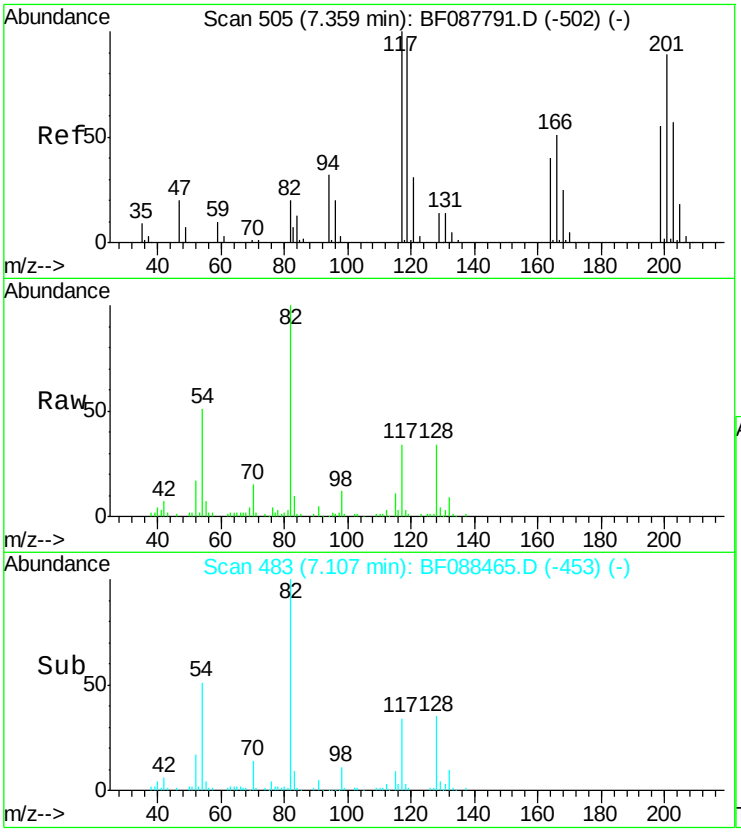


#7
Phenol-d6
Concen: 117.85 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion: 99 Resp: 501104

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.2
71	34.5	23.4	35.0



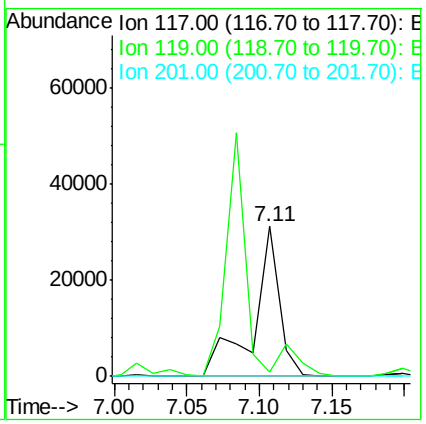


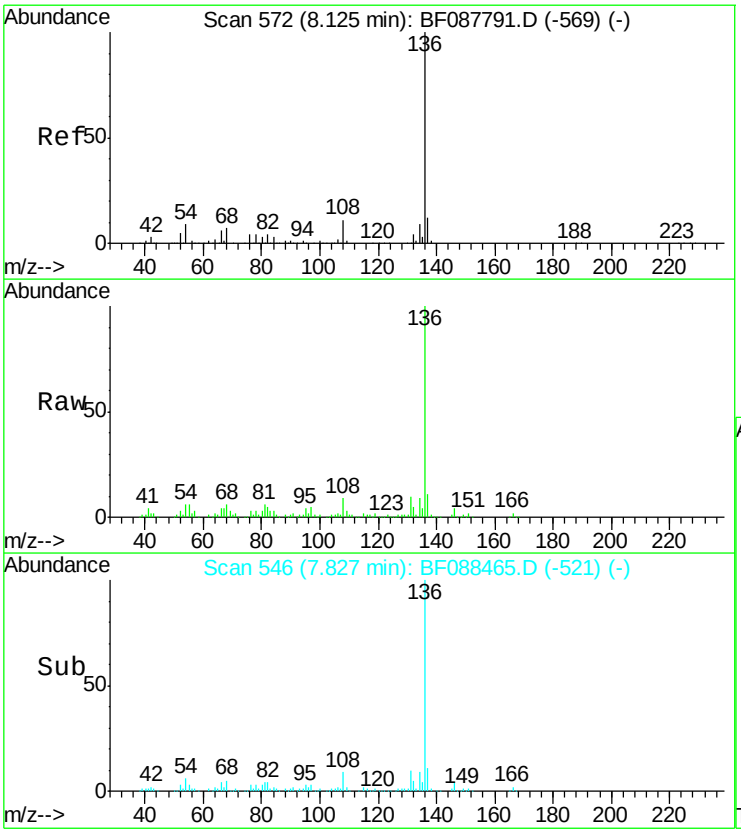
#18
Hexachloroethane
Concen: 24.42 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.05 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:117 Resp: 38886

Ion	Ratio	Lower	Upper
117	100		
119	2.7	77.4	116.2#
201	0.0	80.4	120.6#

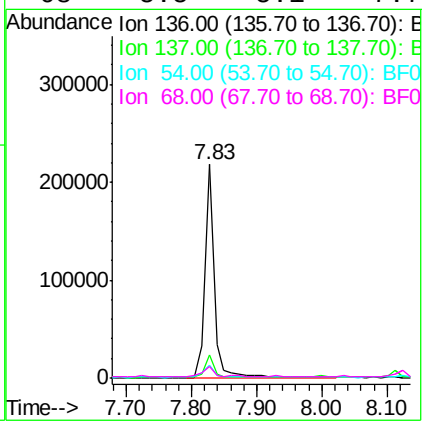


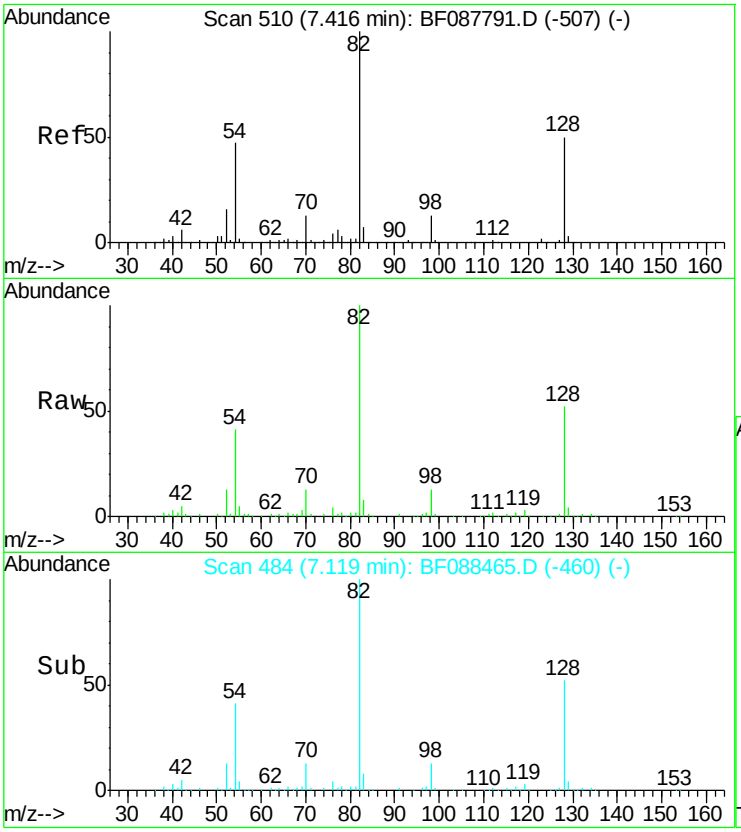


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:136 Resp: 220053

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.3	6.6	10.0#
68	5.5	5.1	7.7



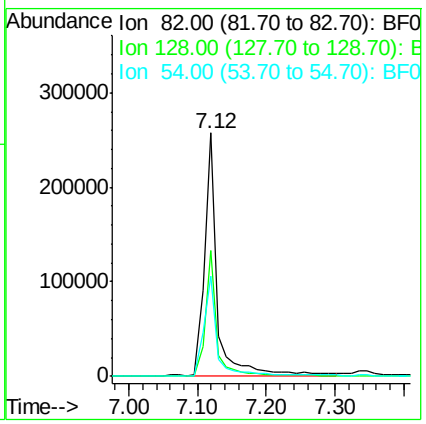


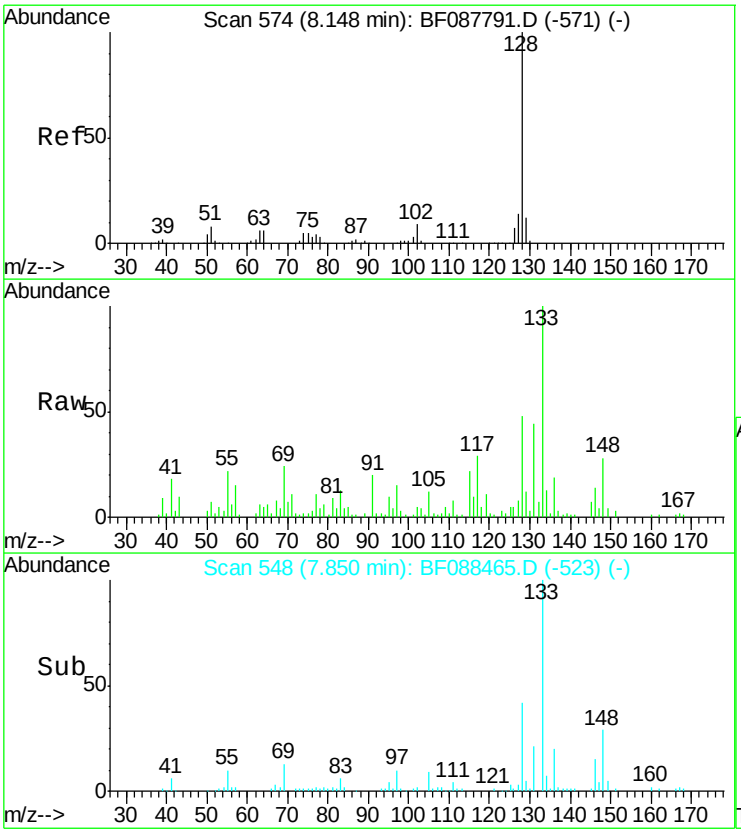
#23
Nitrobenzene-d5
Concen: 87.31 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion: 82 Resp: 329008

Ion	Ratio	Lower	Upper
82	100		
128	51.6	35.9	53.9
54	41.3	40.9	61.3

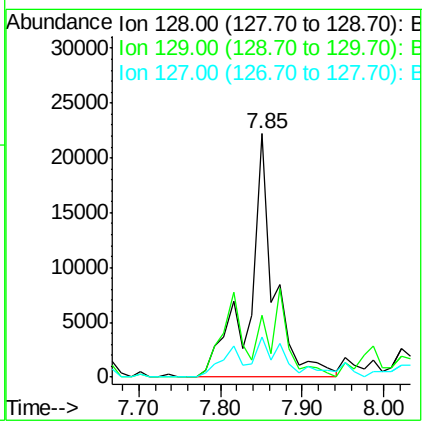


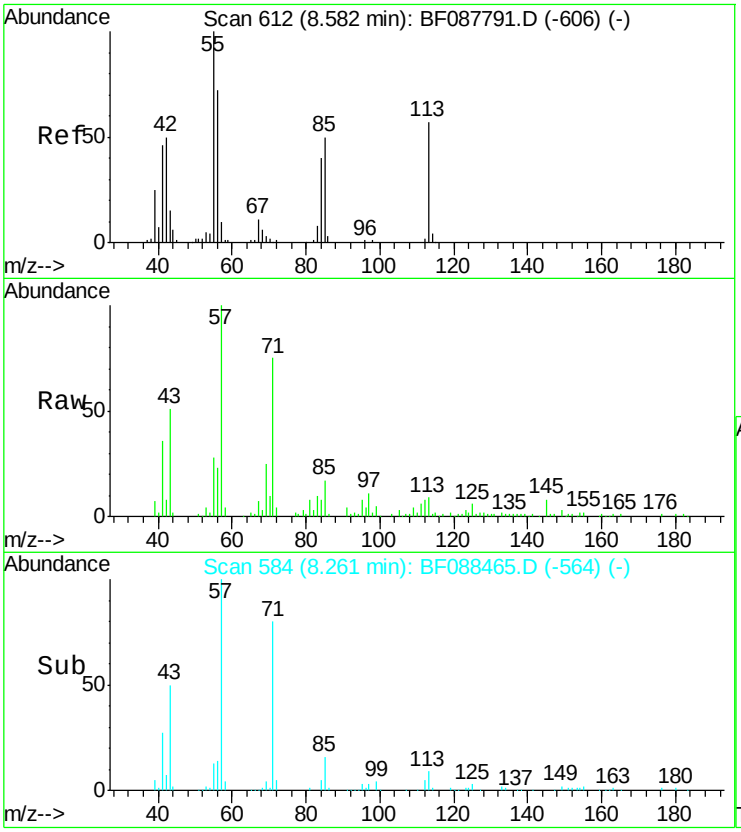


#31
Naphthalene
Concen: 4.28 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:128 Resp: 46587

Ion	Ratio	Lower	Upper
128	100		
129	25.4	9.4	14.2#
127	16.5	10.9	16.3#



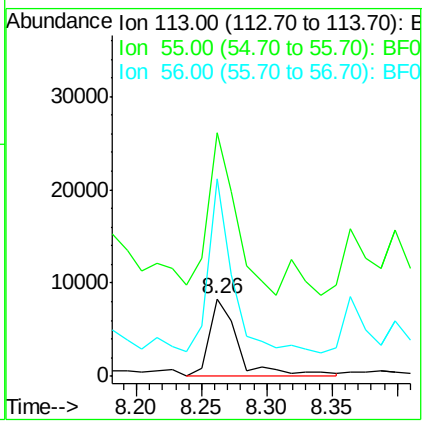


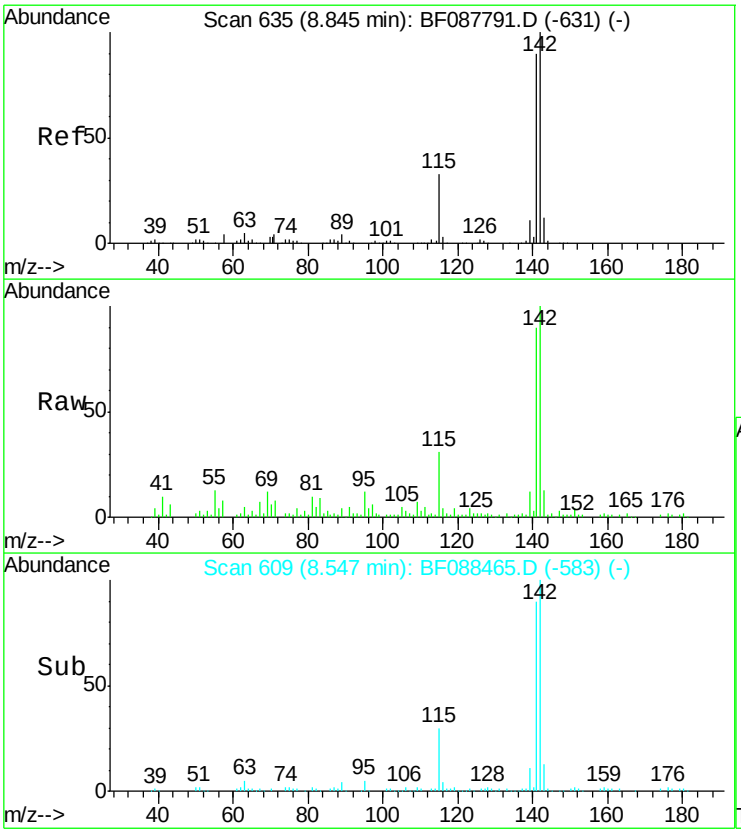
#35
Caprolactam
Concen: 13.21 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.07 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:113 Resp: 13152

Ion	Ratio	Lower	Upper
113	100		
55	313.3	158.6	198.6#
56	253.7	110.6	150.6#

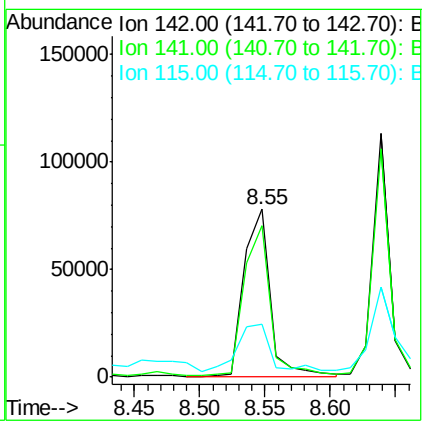


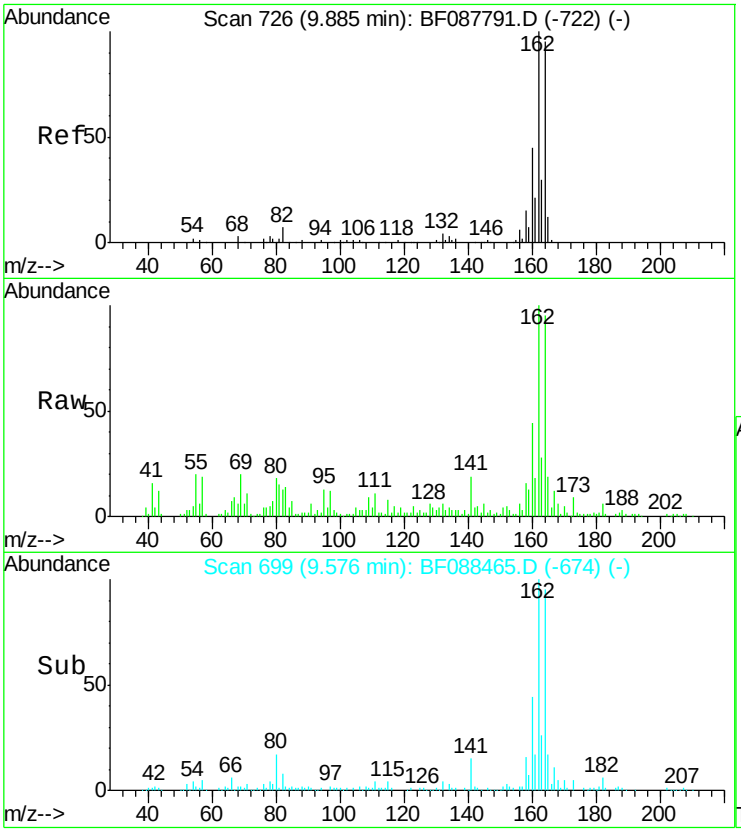


#37
2-Methylnaphthalene
Concen: 15.35 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:142 Resp: 110183

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	31.3	22.6	33.8



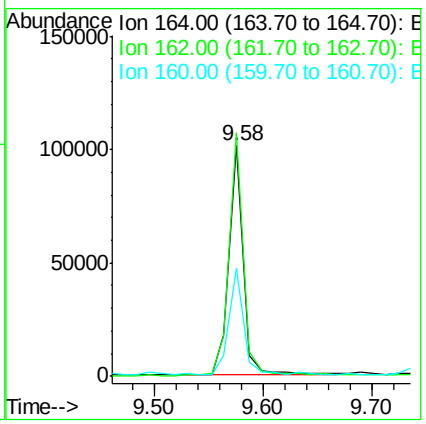


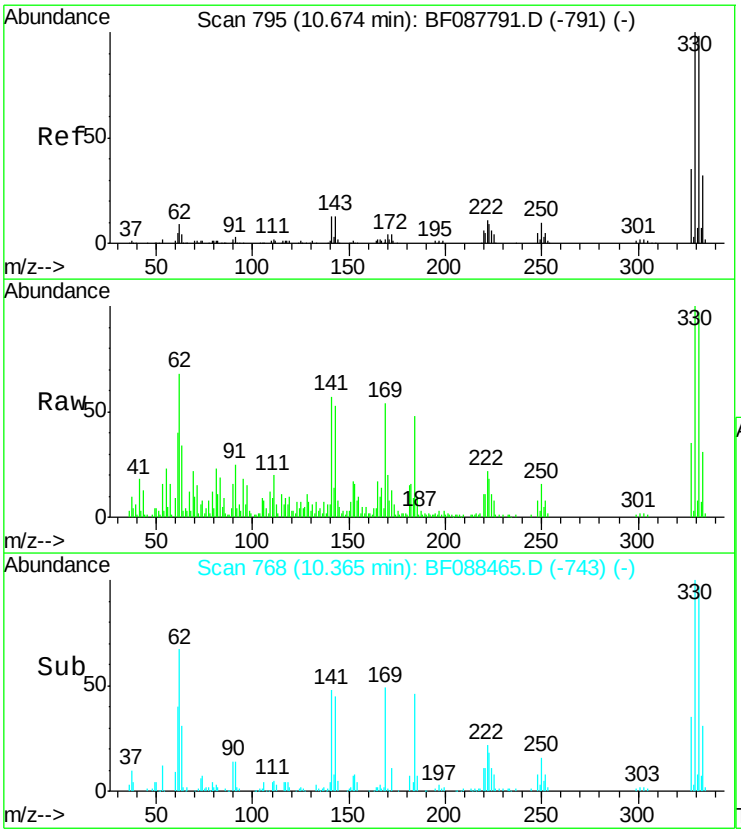
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:164 Resp: 92697

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	46.6	39.5	59.3

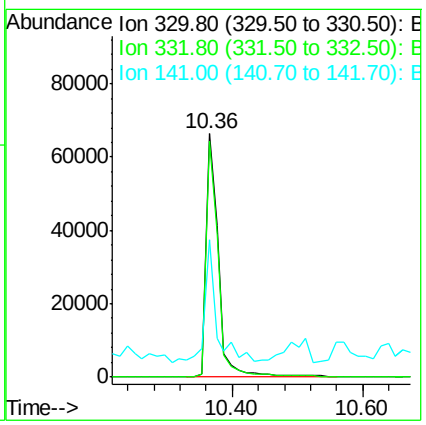


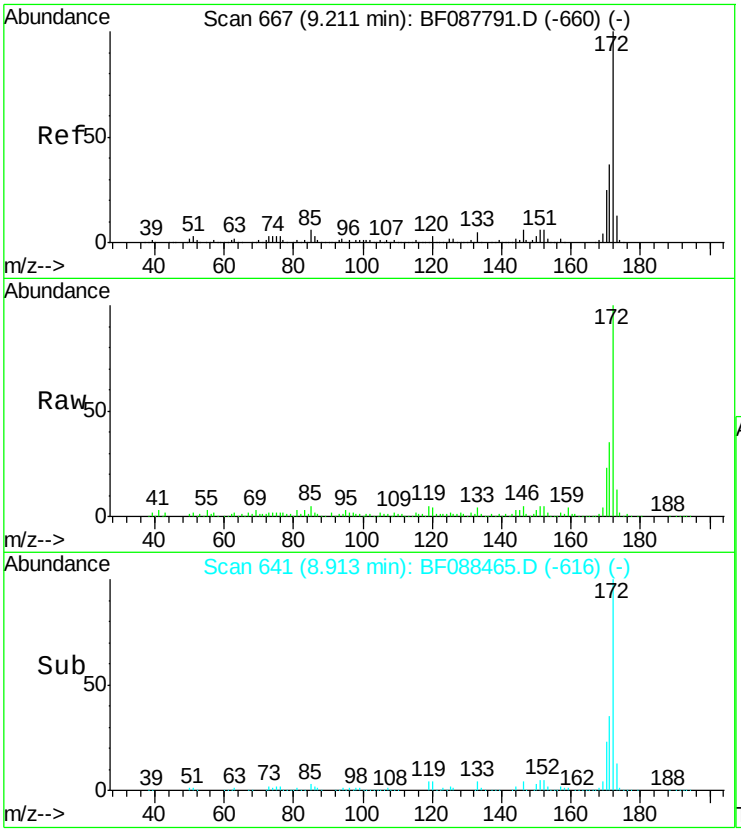


#41
2,4,6-Tribromophenol
Concen: 88.89 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:330 Resp: 87007

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	47.6	0.0	0.0#



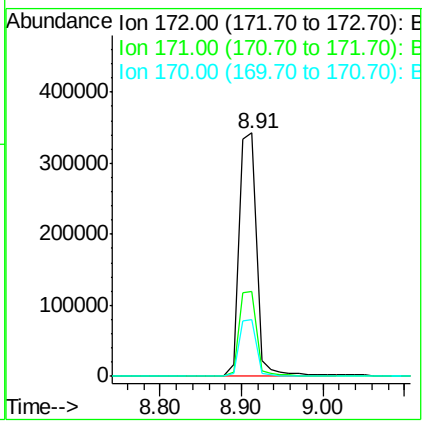


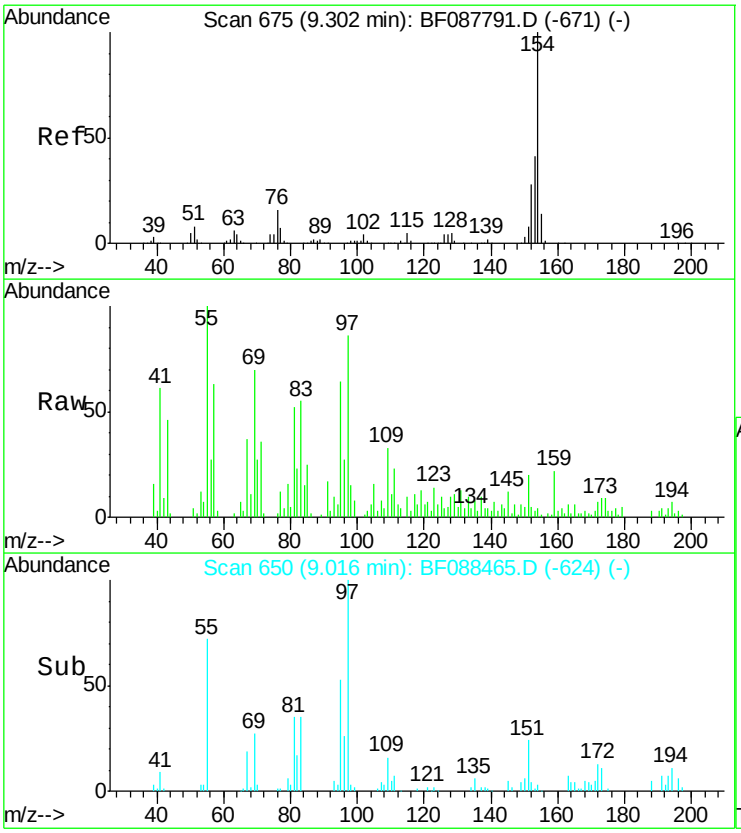
#44
2-Fluorobiphenyl
Concen: 87.24 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:172 Resp: 513951

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.2	19.2	28.8

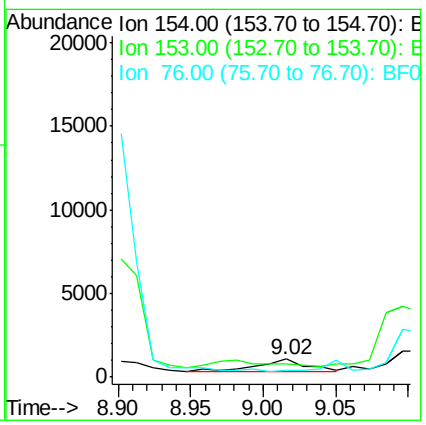


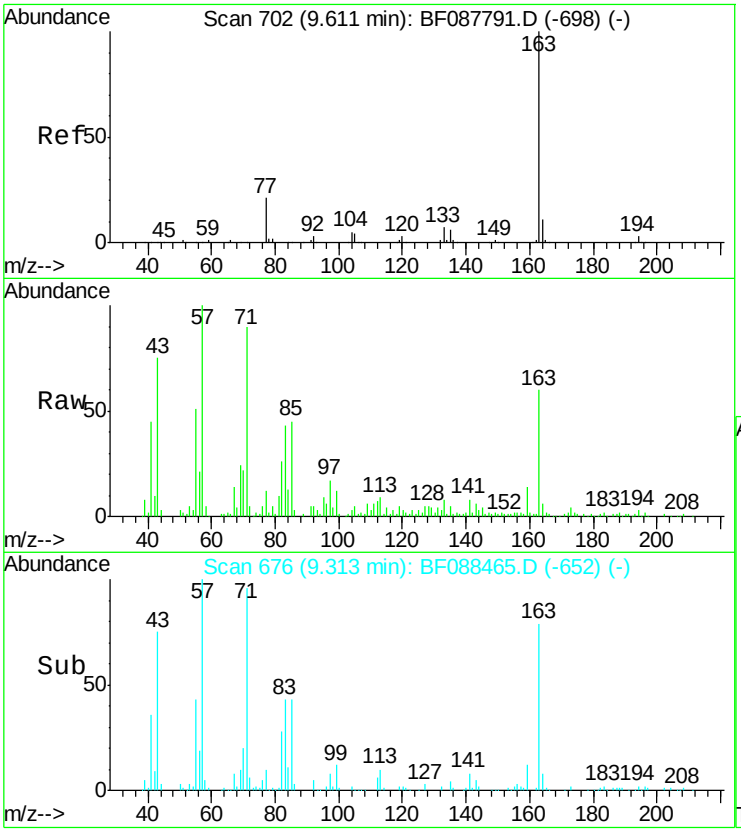


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:154 Resp: 1919

Ion	Ratio	Lower	Upper
154	100		
153	77.5	20.6	60.6#
76	41.7	0.0	35.1#



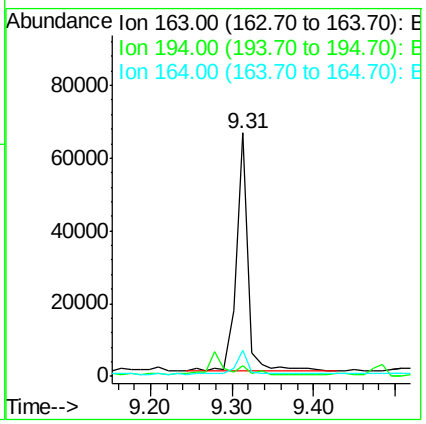


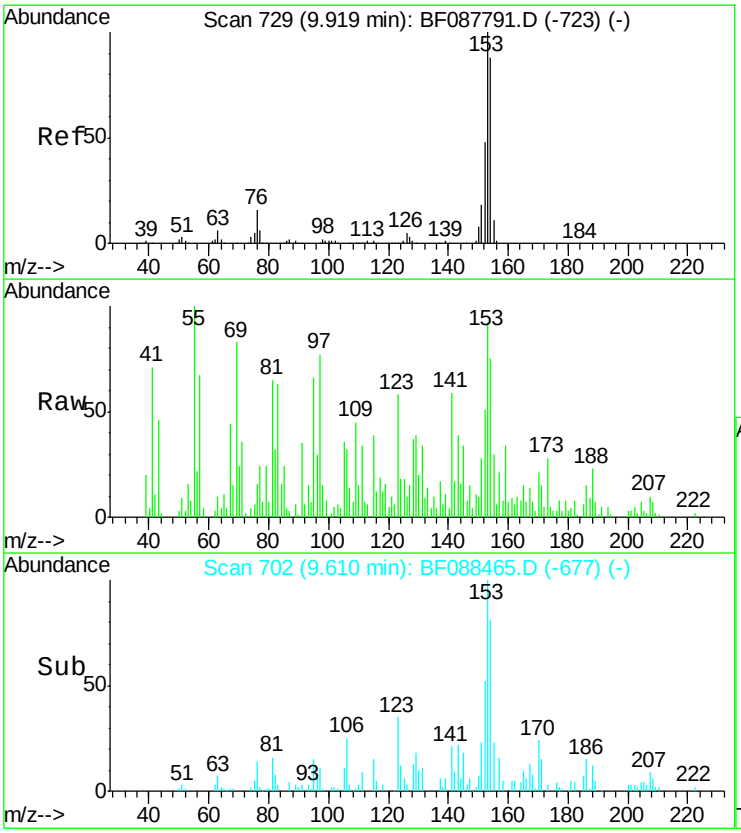
#49
Dimethylphthalate
Concen: 9.79 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:163 Resp: 65760

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.8	4.2#
164	10.4	8.3	12.5

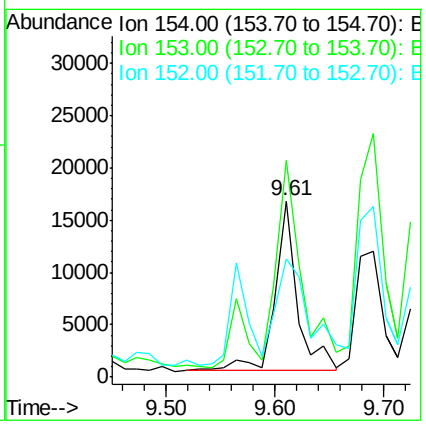


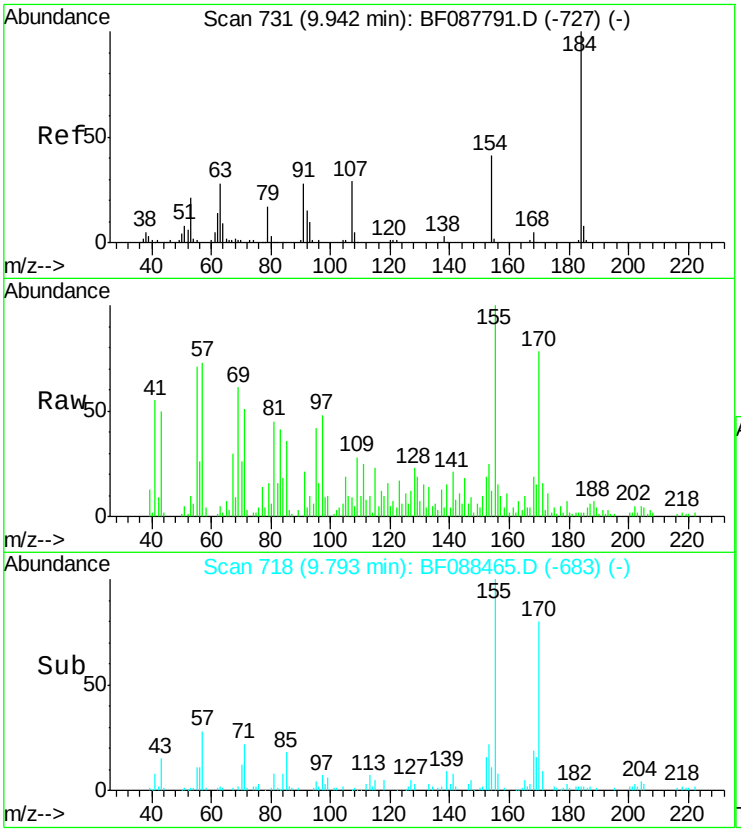


#51
Acenaphthene
Concen: 3.73 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:154 Resp: 22212

Ion	Ratio	Lower	Upper
154	100		
153	123.1	89.5	134.3
152	67.3	42.7	64.1#



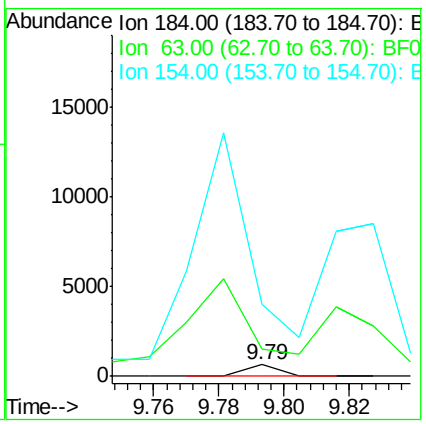


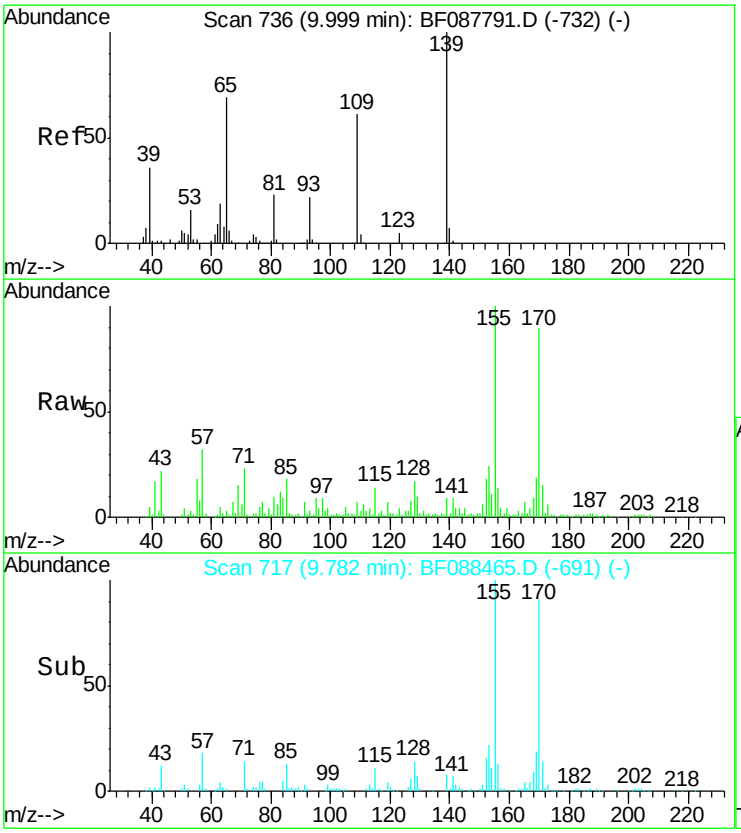
#53
2,4-Dinitrophenol
Concen: 3.75 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.10 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:184 Resp: 440

Ion	Ratio	Lower	Upper
184	100		
63	242.9	57.6	86.4#
154	624.5	53.5	80.3#

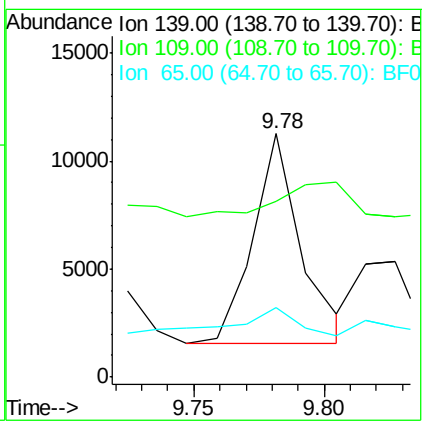


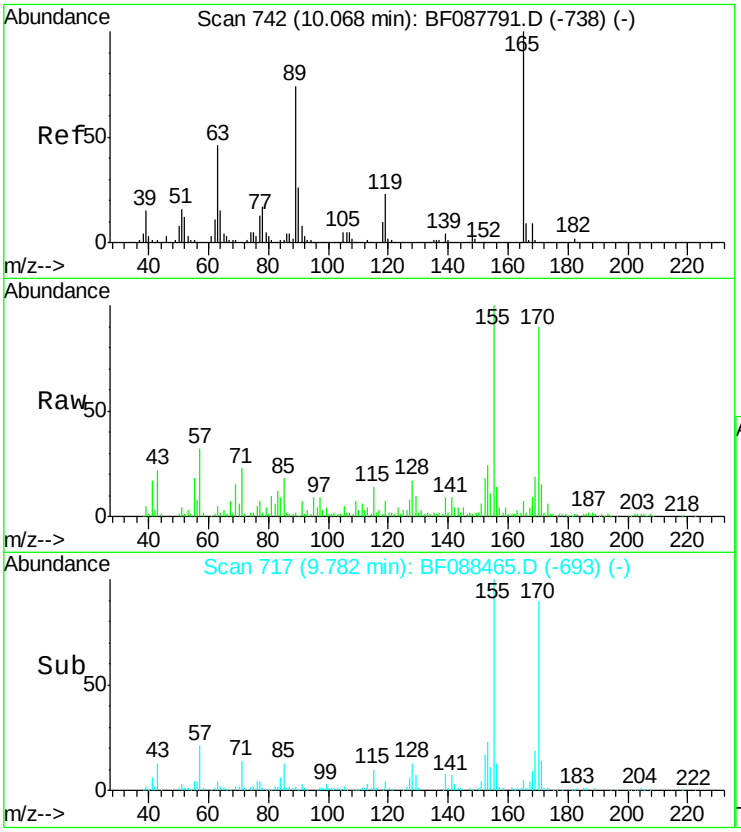


#55
4-Nitrophenol
Concen: 8.99 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:139 Resp: 12386

Ion	Ratio	Lower	Upper
139	100		
109	72.1	48.9	88.9
65	28.5	84.9	124.9#



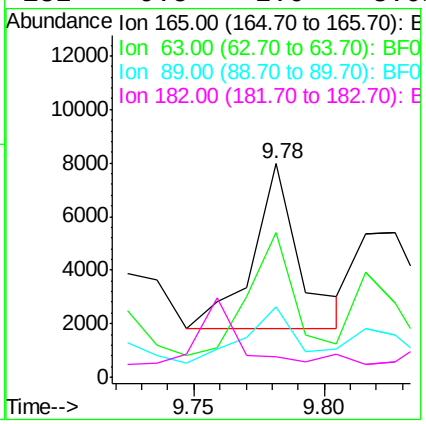


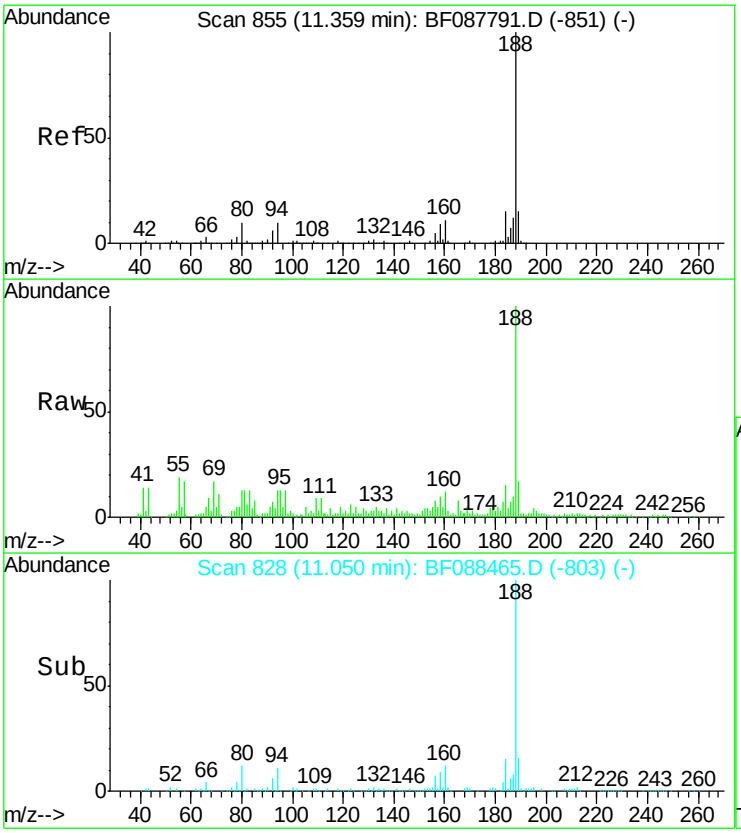
#56
2,4-Dinitrotoluene
Concen: 3.88 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:165 Resp: 7670

Ion	Ratio	Lower	Upper
165	100		
63	68.0	22.0	33.0#
89	33.1	41.1	61.7#
182	9.5	2.0	3.0#

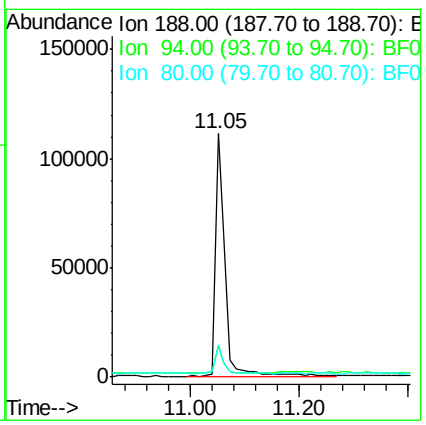


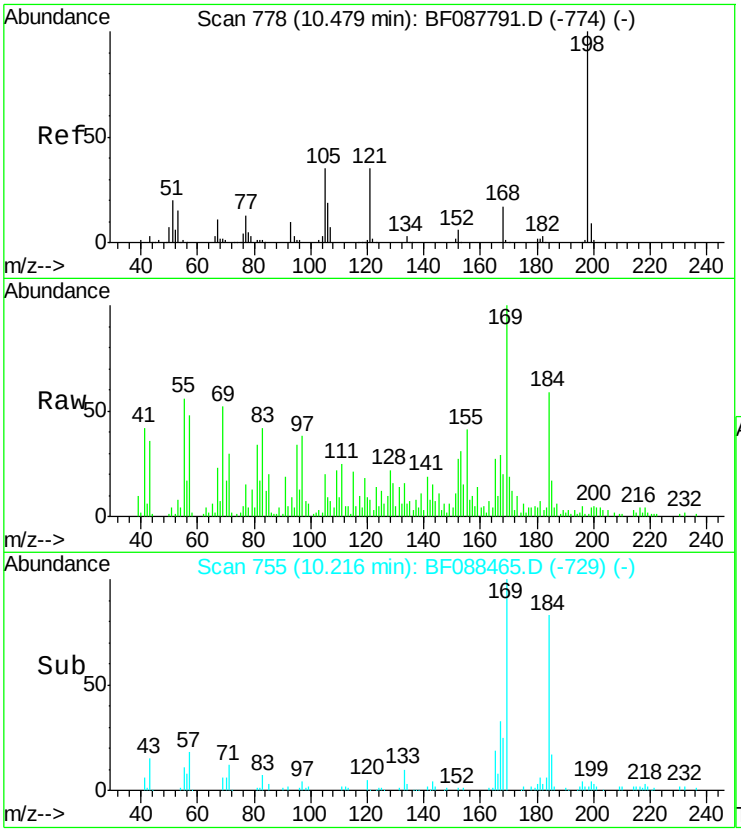


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:188 Resp: 139837

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.0	13.6
80	13.4	10.0	15.0



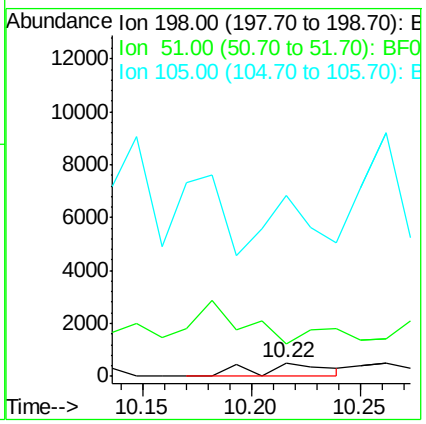


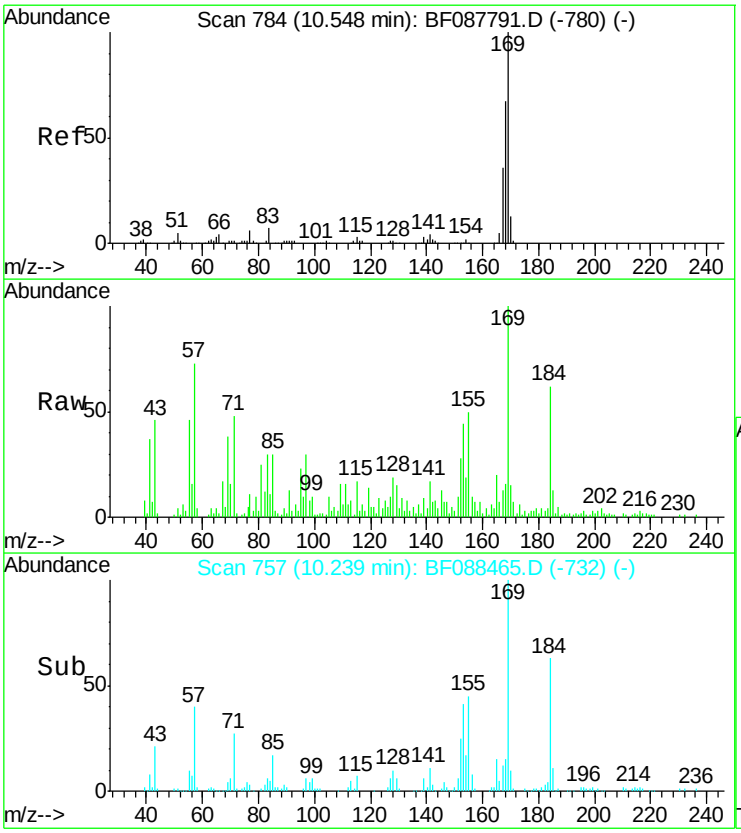
#64
4,6-Dinitro-2-methylphenol
Concen: 3.39 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:198 Resp: 1118

Ion	Ratio	Lower	Upper
198	100		
51	241.1	39.6	79.6#
105	1332.1	36.6	76.6#

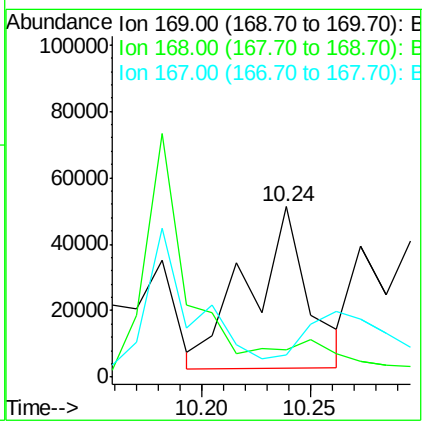


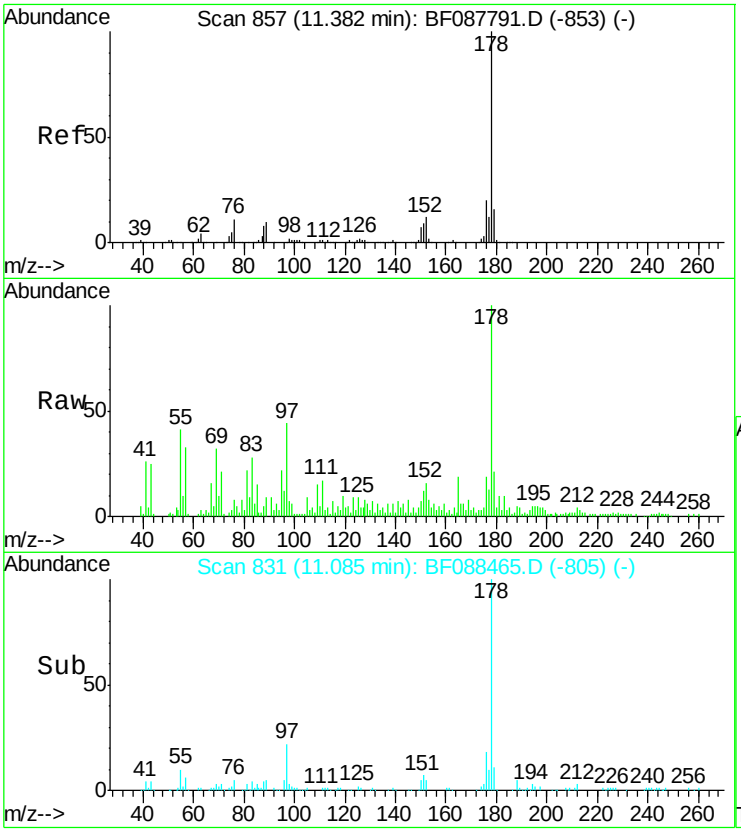


#65
n-Nitrosodiphenylamine
Concen: 19.90 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:169 Resp: 92329

Ion	Ratio	Lower	Upper
169	100		
168	16.1	53.4	80.0#
167	12.8	29.4	44.0#

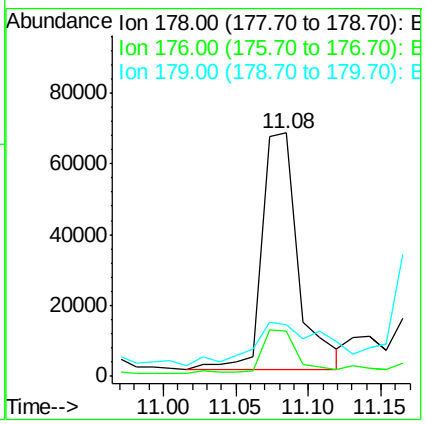




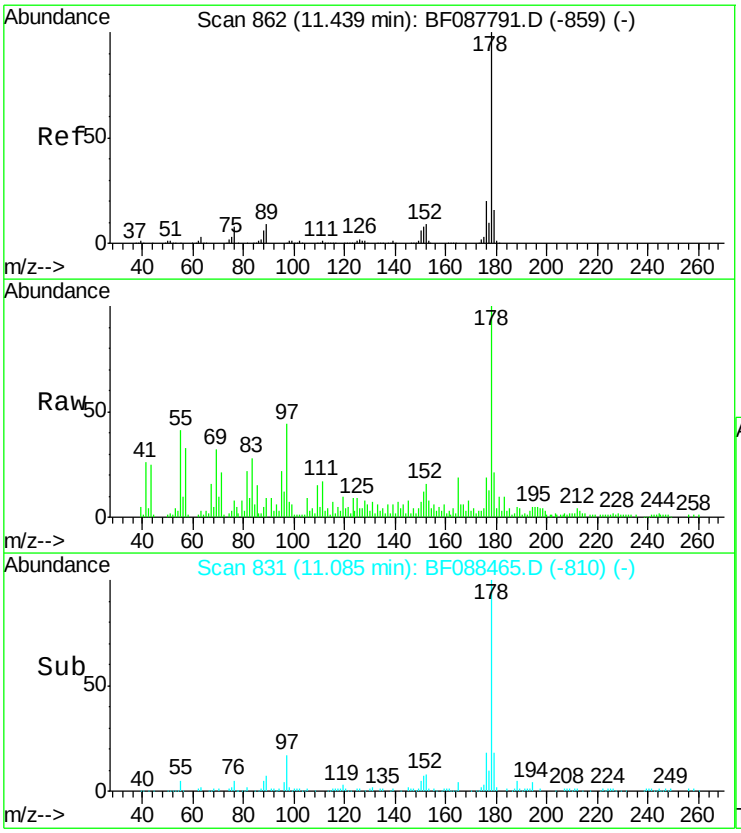
#70
Phenanthrene
Concen: 15.80 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:178 Resp: 115918

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	21.4	13.0	19.4#



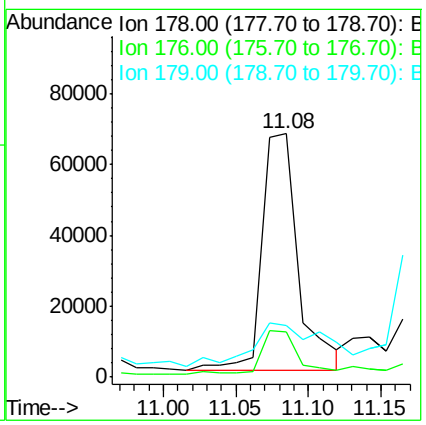
Instrument :
BNA_F
ClientSampleId :
1

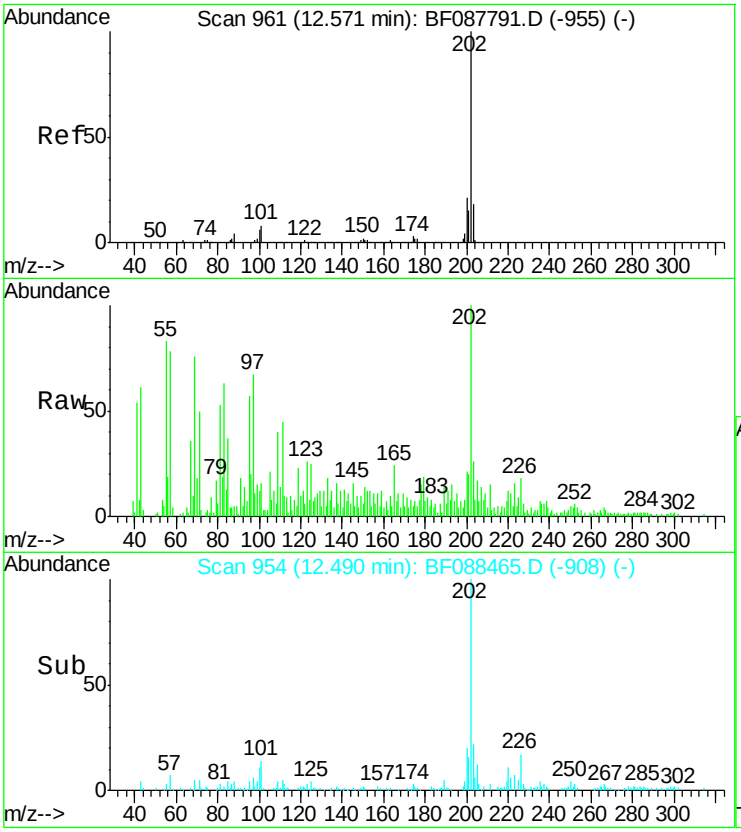


#71
Anthracene
Concen: 15.66 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:178 Resp: 115918

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	21.4	12.8	19.2#



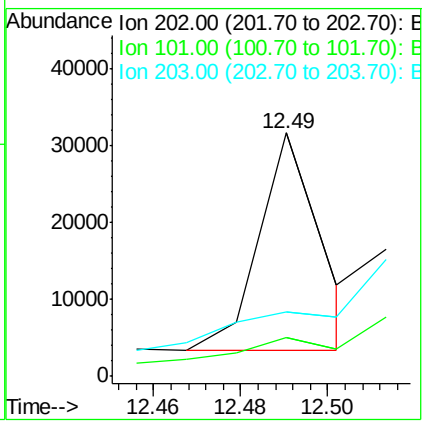


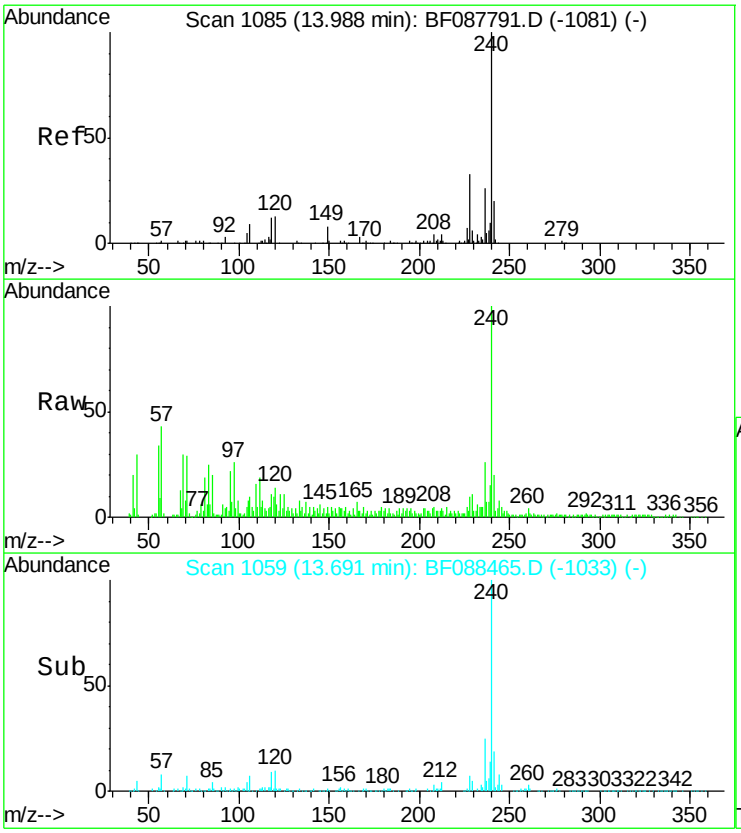
#74
Fluoranthene
Concen: 3.59 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.23 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:202 Resp: 27824

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	33.1
203	26.5	0.0	38.1

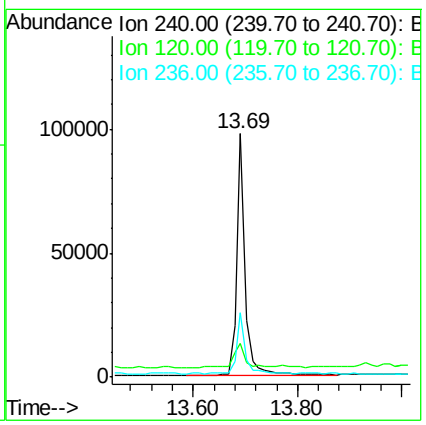


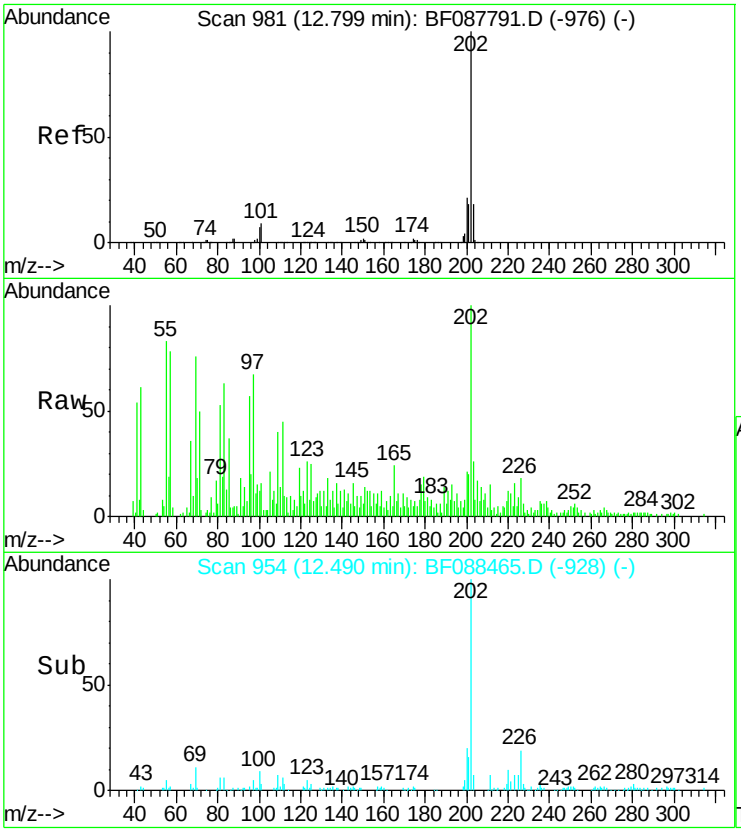


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:240 Resp: 110901

Ion	Ratio	Lower	Upper
240	100		
120	14.0	6.8	10.2#
236	26.3	20.2	30.2



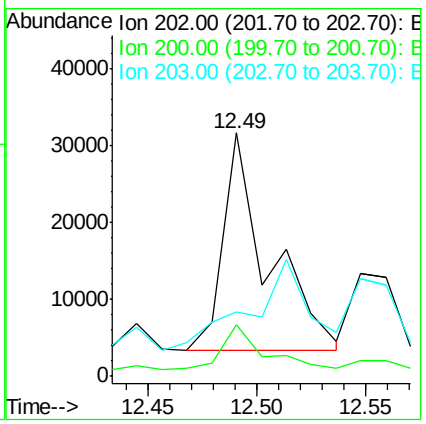


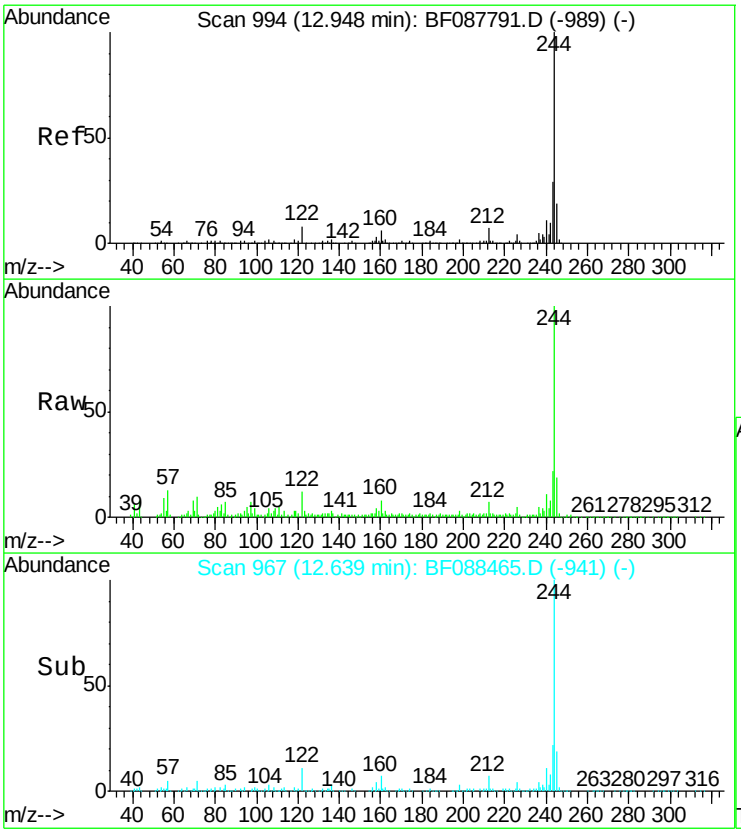
#77
Pyrene
Concen: 4.97 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:202 Resp: 40874

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	26.5	14.5	21.7#

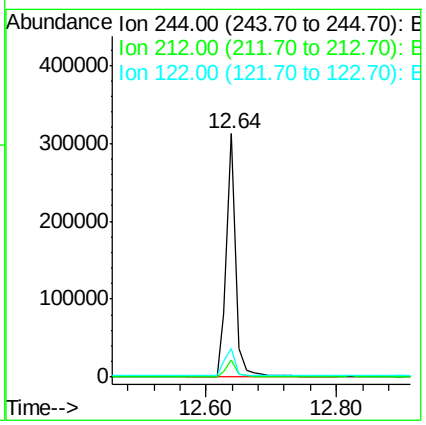


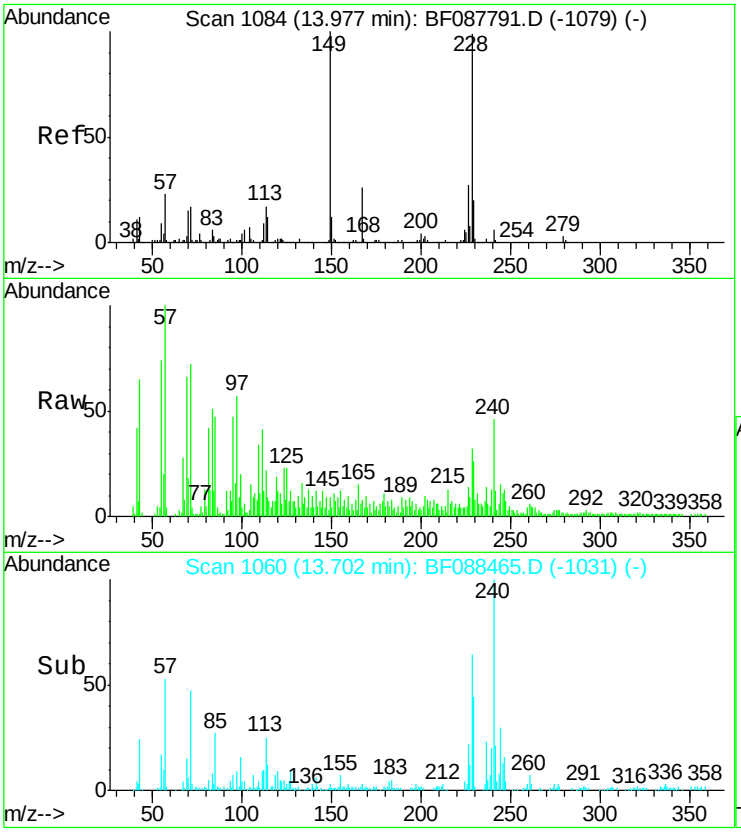


#78
Terphenyl-d14
Concen: 65.25 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:244 Resp: 317980

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.5	11.2	16.8



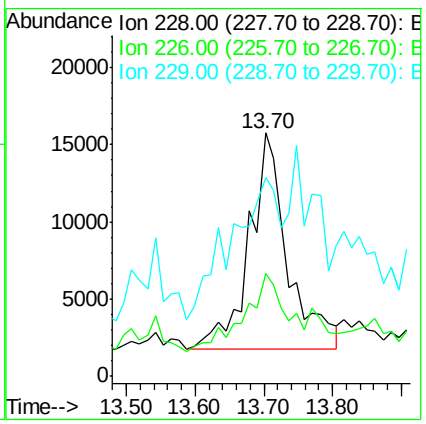


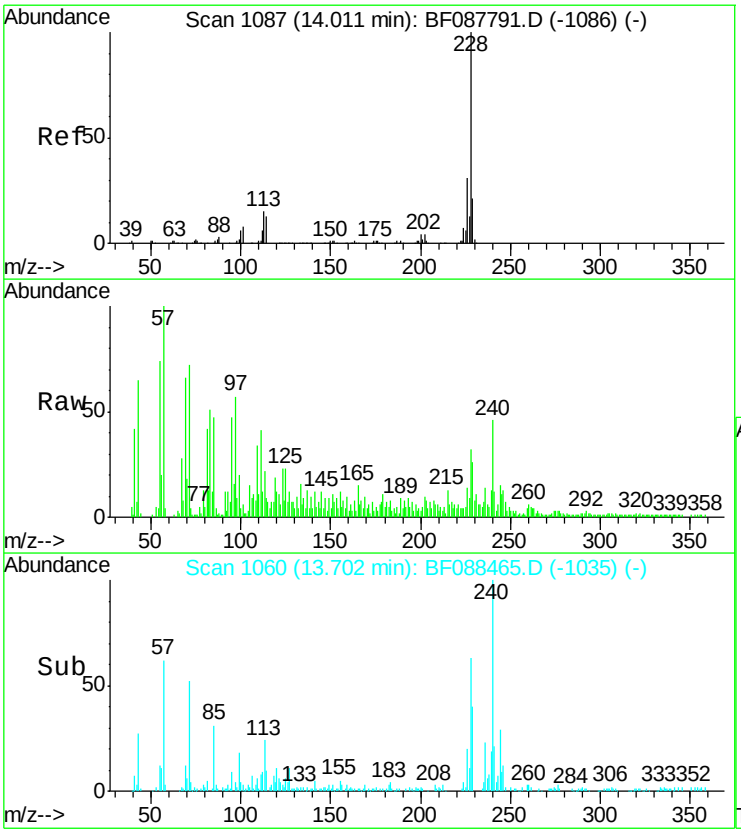
#80
Benzo(a)anthracene
Concen: 8.54 ng
RT: 13.70 min Scan# 1060
Delta R.T. 0.03 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:228 Resp: 54002

Ion	Ratio	Lower	Upper
228	100		
226	42.4	22.3	33.5#
229	81.7	16.0	24.0#

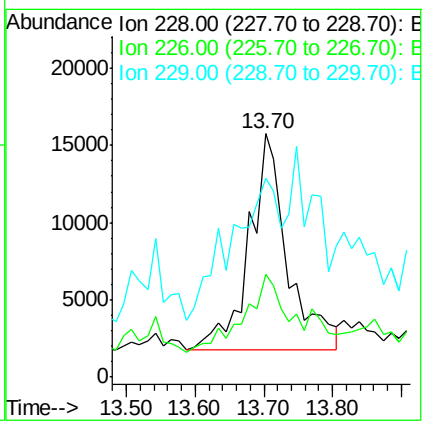


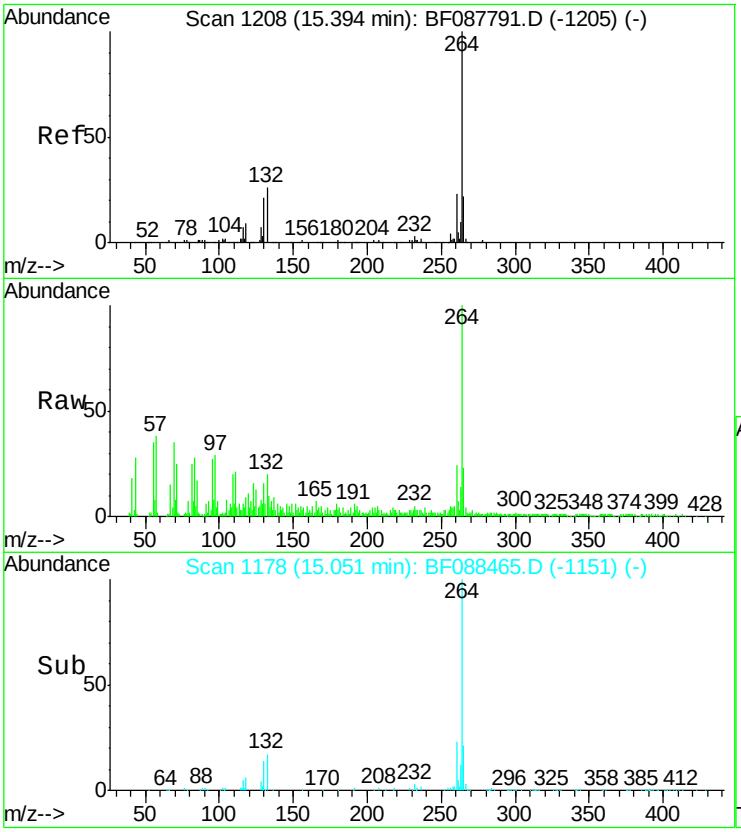


#82
Chrysene
Concen: 9.08 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:228 Resp: 54002

Ion	Ratio	Lower	Upper
228	100		
226	42.4	25.4	38.2#
229	81.7	16.3	24.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:264 Resp: 110941

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.8	16.9	25.3