Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089812.D
Acq On : 19 Aug 2016 22:40
Operator : UM/SJ
Sample : H4518-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1(0-5)

Quant Time: Aug 22 01:22:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	556823	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1882913	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	818006	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1202701	20.00	ng		0.00
75) Chrysene-d12	13.85	240	1007957	20.00	ng		-0.02
86) Perylene-d12	15.33	264	1197167	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2750598	84.71	ng		0.01
7) Phenol-d6	6.32	99	2877895	72.20	ng		0.00
23) Nitrobenzene-d5	7.24	82	1778665	58.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	579300	74.52	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	3642296	78.26	ng		0.00
78) Terphenyl-d14	12.78	244	1985210	44.56	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	2.78	79	1706	0.04	ng	#	1
4) n-Nitrosodimethylamine	2.82	42	689	0.04	ng	#	1
6) Aniline	6.33	93	2407	0.05	ng	#	1
8) 2-Chlorophenol	6.47	128	1599	0.04	ng	#	75
9) Benzaldehyde	6.22	77	8576	0.33	ng		95
10) Phenol	6.33	94	47666	1.02	ng		88
11) bis(2-Chloroethyl)ether	6.44	93	5431	0.15	ng	#	1
12) 1,3-Dichlorobenzene	6.70	146	1302	0.03	ng	#	1
13) 1,4-Dichlorobenzene	6.70	146	1302	0.03	ng	#	34
14) 1,2-Dichlorobenzene	6.86	146	977	0.03	ng	#	69
15) Benzyl Alcohol	6.83	79	36720	1.39	ng	#	52
16) 2,2'-oxybis(1-Chloropropan	7.03	45	2134	0.05	ng	#	1
17) 2-Methylphenol	7.11	107	11904	0.39	ng		87
18) Hexachloroethane	7.15	117	464	0.03	ng	#	15
19) n-Nitroso-di-n-propylamine	7.24	70	233234	9.15	ng	#	76
20) 3+4-Methylphenols	7.11	107	11904	0.32	ng	#	54
22) Acetophenone	7.10	105	14054	0.33	ng	#	90
24) Nitrobenzene	7.24	77	6191	0.18	ng	#	29
25) Isophorone	7.24	82	1615482	26.43	ng	#	67
27) 2,4-Dimethylphenol	7.67	122	10053	0.33	ng	#	20
28) bis(2-Chloroethoxy)methane	7.72	93	1216	0.03	ng	#	1
29) 2,4-Dichlorophenol	7.93	162	321	0.01	ng	#	21
31) Naphthalene	7.99	128	167529	1.90	ng		97
32) Benzoic acid	7.67	122	10053	0.42	ng		97
33) 4-Chloroaniline	7.99	127	23784	0.62	ng	#	41
35) Caprolactam	8.41	113	1776	0.23	ng	#	12
36) 4-Chloro-3-methylphenol	8.50	107	935	0.03	ng	#	44
37) 2-Methylnaphthalene	8.78	142	87405	1.54	ng		95
45) 1,1'-Biphenyl	9.14	154	31495	0.50	ng		97
46) 2-Chloronaphthalene	9.16	162	779	0.02	ng	#	36
47) 2-Nitroaniline	9.29	65	1259	0.09	ng	#	25
48) Acenaphthylene	9.58	152	169946	2.26	ng		97
49) Dimethylphthalate	9.44	163	784448	13.62	ng		100
50) 2,6-Dinitrotoluene	9.44	165	10514	0.79	ng	#	7

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089812.D
Acq On : 19 Aug 2016 22:40
Operator : UM/SJ
Sample : H4518-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1(0-5)

Quant Time: Aug 22 01:22:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.75	154	231440	4.65	ng		98
52) 3-Nitroaniline	9.67	138	563	0.04	ng	#	64
53) 2,4-Dinitrophenol	10.00	184	1314	2.45	ng		95
54) Dibenzofuran	9.92	168	157919	2.53	ng	#	90
55) 4-Nitrophenol	9.75	139	4346	0.36	ng		91
56) 2,4-Dinitrotoluene	9.87	165	7556	0.44	ng	#	60
57) Fluorene	10.26	166	198929	3.99	ng		98
59) Diethylphthalate	10.15	149	10581	0.18	ng		94
60) 4-Chlorophenyl-phenylether	10.39	204	211	0.01	ng	#	1
61) 4-Nitroaniline	10.26	138	3448	0.25	ng		87
62) Azobenzene	10.63	77	5436	0.10	ng		66
64) 4,6-Dinitro-2-methylphenol	10.33	198	261	0.04	ng	#	1
65) n-Nitrosodiphenylamine	10.38	169	33141	0.88	ng		87
66) 4-Bromophenyl-phenylether	10.50	248	33095	2.62	ng	#	1
68) Atrazine	10.90	200	2670	0.23	ng	#	1
69) Pentachlorophenol	10.99	266	311	0.04	ng	#	52
70) Phenanthrene	11.21	178	3065276	50.46	ng		98
71) Anthracene	11.27	178	857823	13.89	ng		97
72) Carbazole	11.42	167	198899	3.59	ng		99
73) Di-n-butylphthalate	11.77	149	117563	1.70	ng		97
74) Fluoranthene	12.40	202	3502106	60.61	ng		93
76) Benzidine	12.56	184	1489	0.05	ng	#	1
77) Pyrene	12.63	202	4187958	51.02	ng		94
79) Butylbenzylphthalate	13.27	149	1401962	37.82	ng	#	83
80) Benzo(a)anthracene	13.84	228	2563400	44.41	ng		97
81) 3,3'-Dichlorobenzidine	13.84	252	3312	0.18	ng	#	1
82) Chrysene	13.87	228	1561375	31.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	3146521	61.62	ng		96
84) Di-n-octyl phthalate	14.50	149	258476	3.81	ng	#	64
85) Indeno(1,2,3-cd)pyrene	16.61	276	1261816	19.98	ng		94
87) Benzo(b)fluoranthene	14.94	252	3486606	52.94	ng		98
88) Benzo(k)fluoranthene	14.94	252	3486606	58.35	ng	#	97
89) Benzo(a)pyrene	15.27	252	2107498	33.81	ng		96
90) Dibenzo(a,h)anthracene	16.62	278	344431	5.09	ng		93
91) Benzo(g,h,i)perylene	16.99	276	1166545	16.37	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089812.D
Acq On : 19 Aug 2016 22:40
Operator : UM/SJ
Sample : H4518-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
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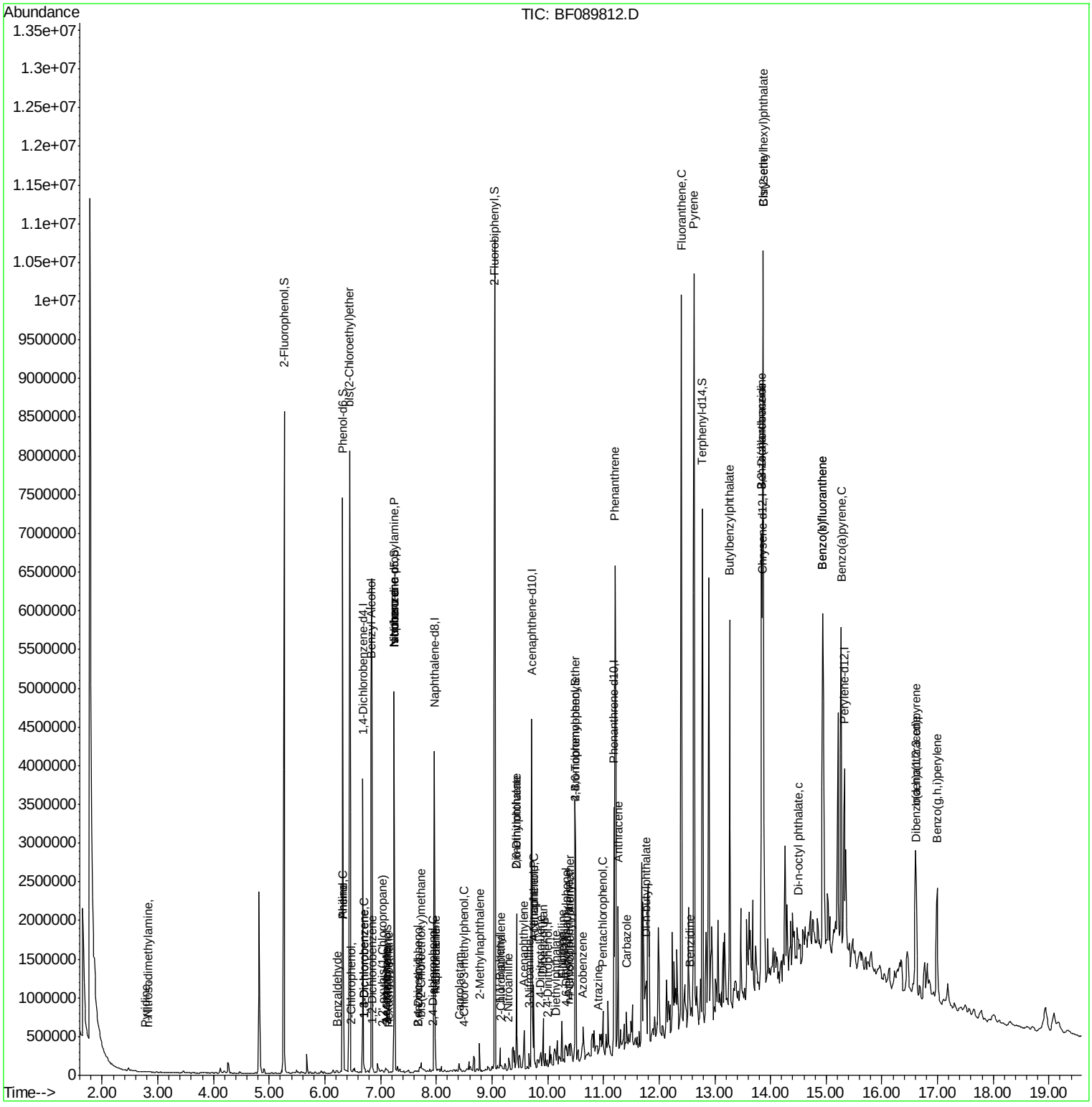
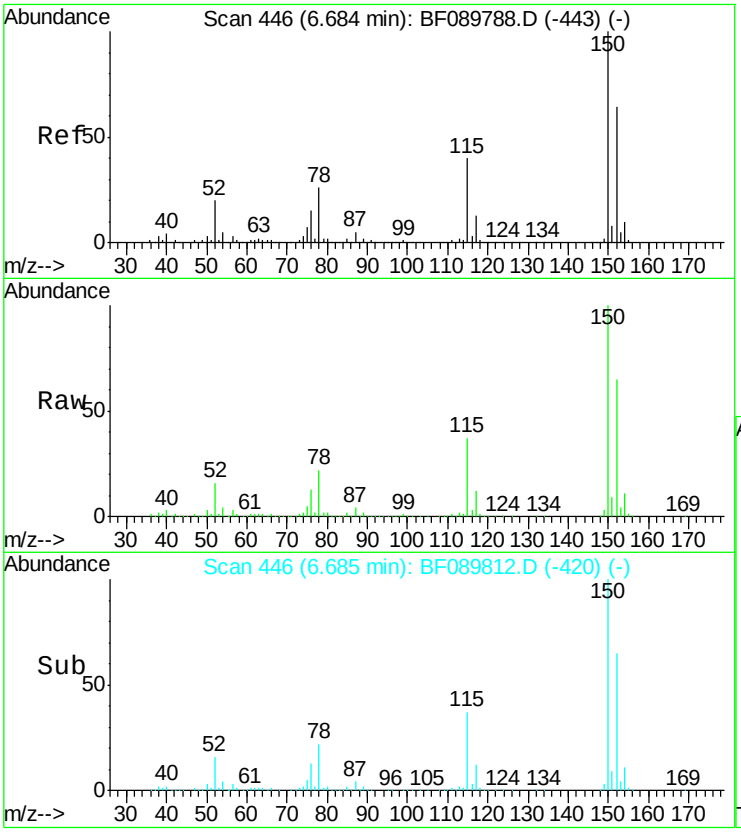
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration



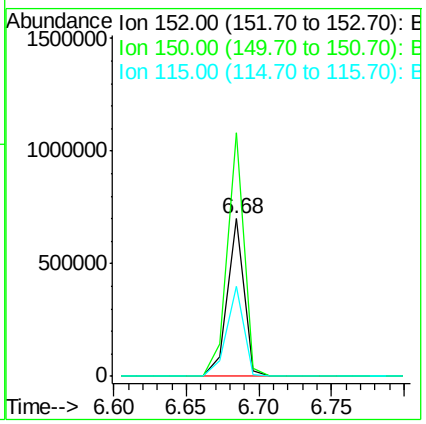


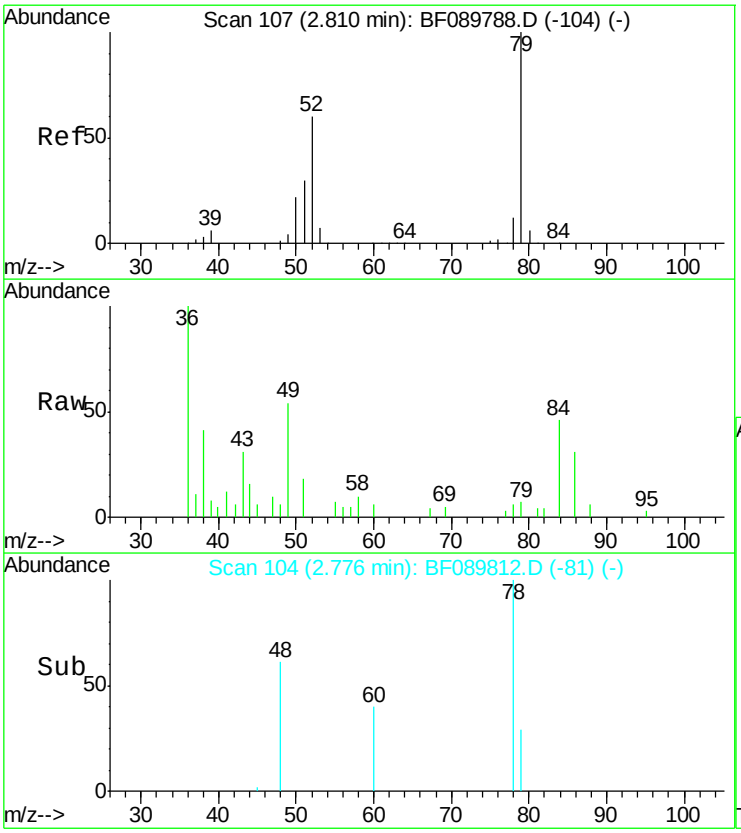
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:152 Resp: 556823

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.3	187.9
115	56.8	40.9	61.3

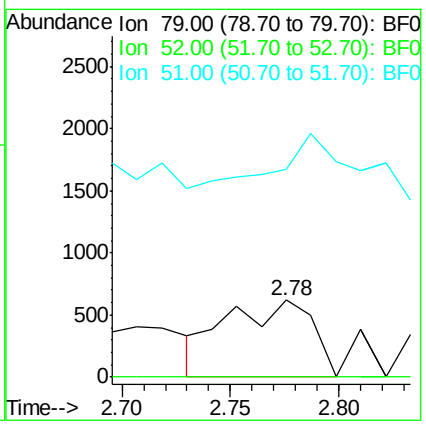


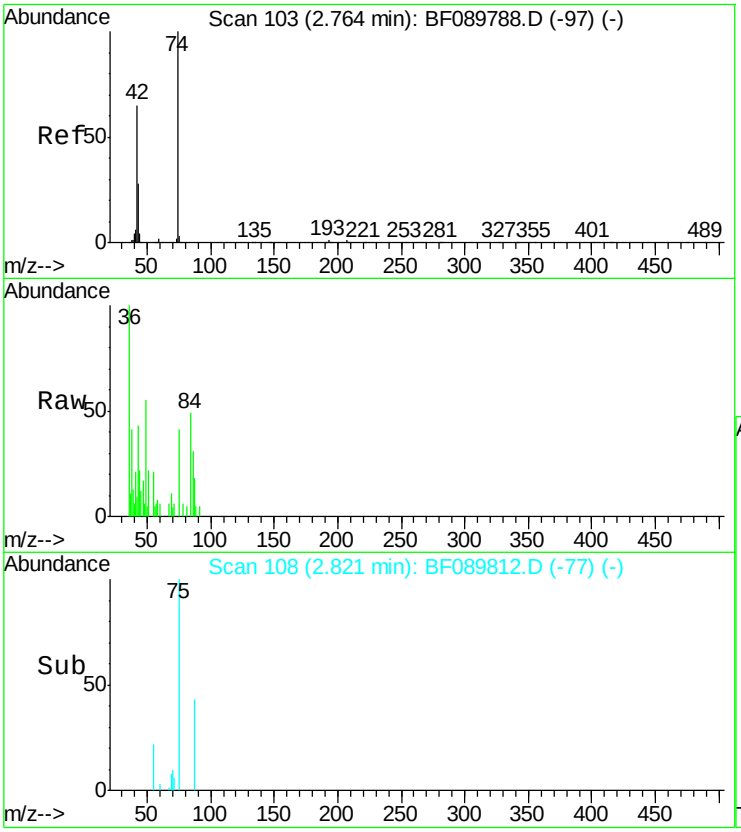


#3
Pyridine
Concen: 0.04 ng
RT: 2.78 min Scan# 104
Delta R.T. -0.03 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 79 Resp: 1706

Ion	Ratio	Lower	Upper
79	100		
52	0.0	53.6	80.4#
51	269.6	26.6	39.8#



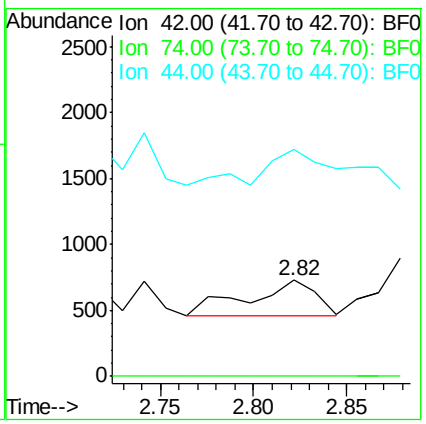


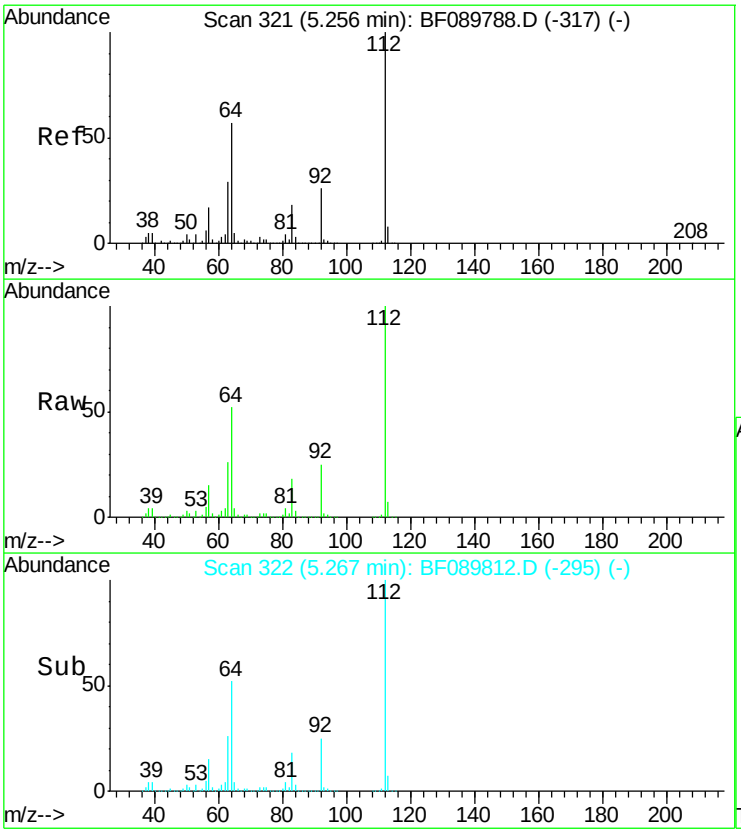
#4
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 2.82 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 42 Resp: 689

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.2	159.2#
44	235.4	6.9	10.3#

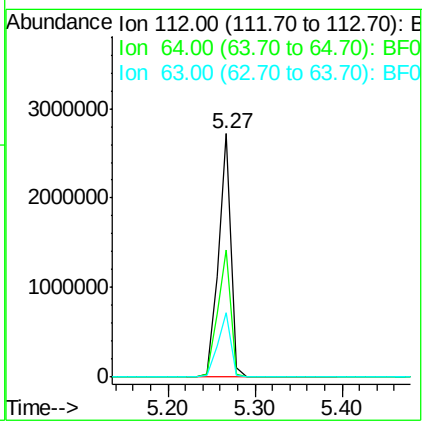


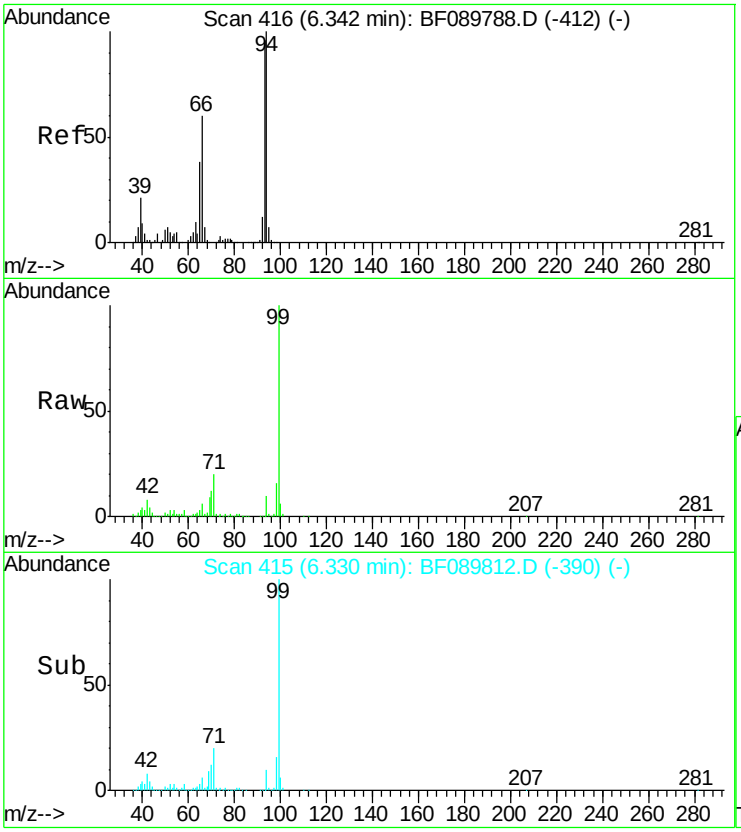


#5
2-Fluorophenol
Concen: 84.71 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:112 Resp: 2750598

Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.0	67.4
63	26.4	23.1	34.7



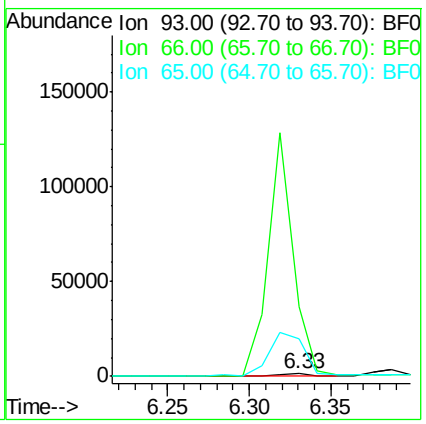


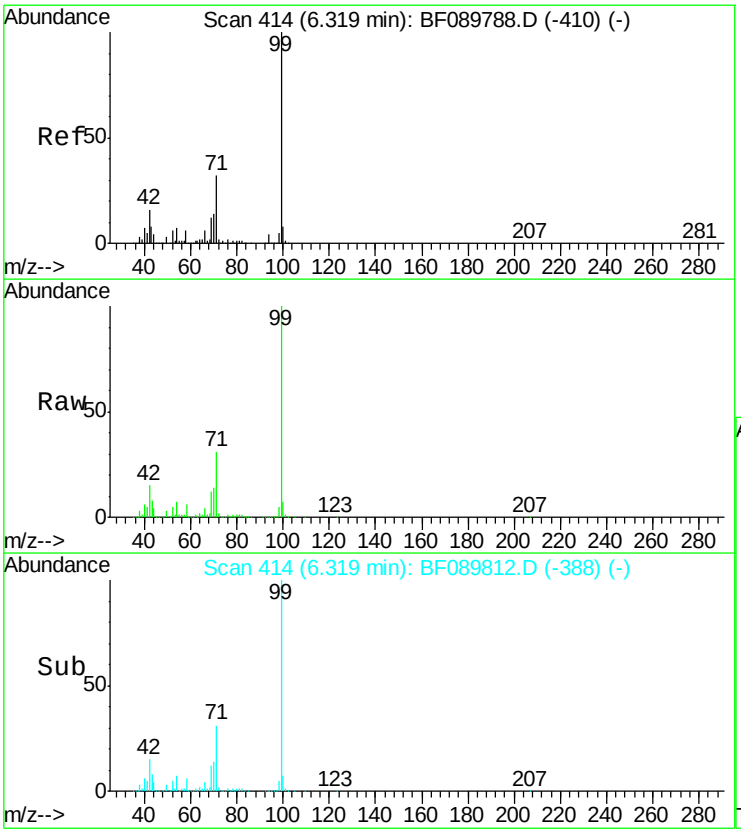
#6
Aniline
Concen: 0.05 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 93 Resp: 2407

Ion	Ratio	Lower	Upper
93	100		
66	2446.8	30.6	46.0#
65	1313.0	15.4	23.2#

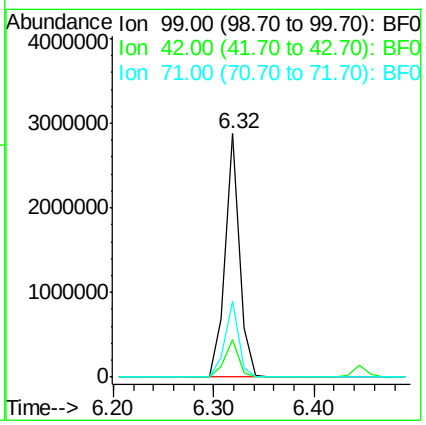


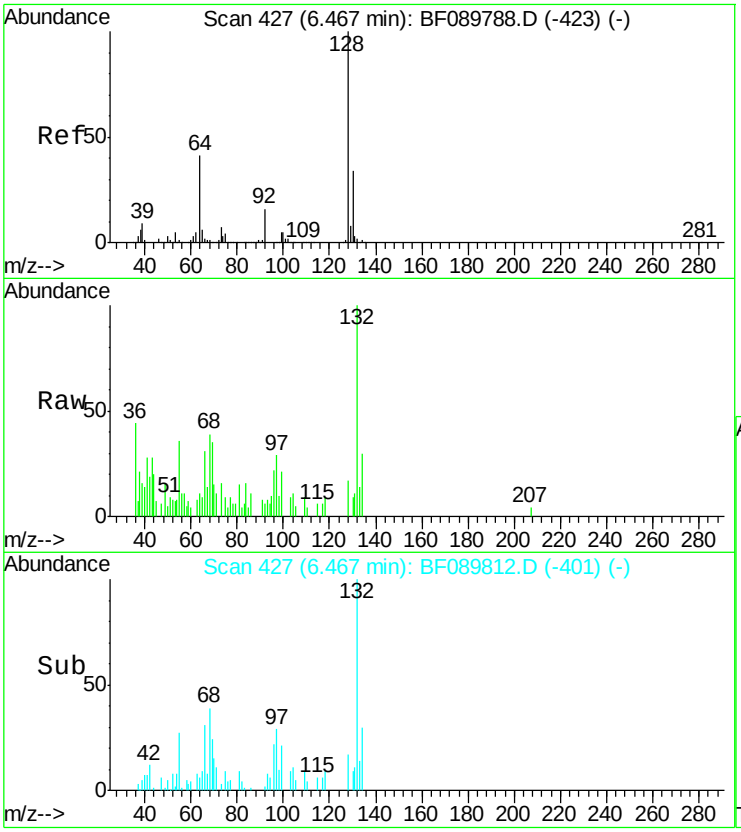


#7
Phenol-d6
Concen: 72.20 ng
RT: 6.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 99 Resp: 2877895

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.4
71	31.0	23.8	35.8



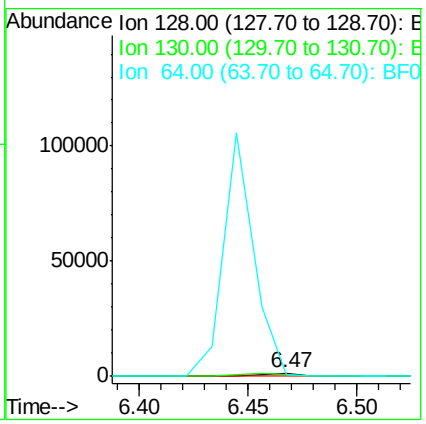


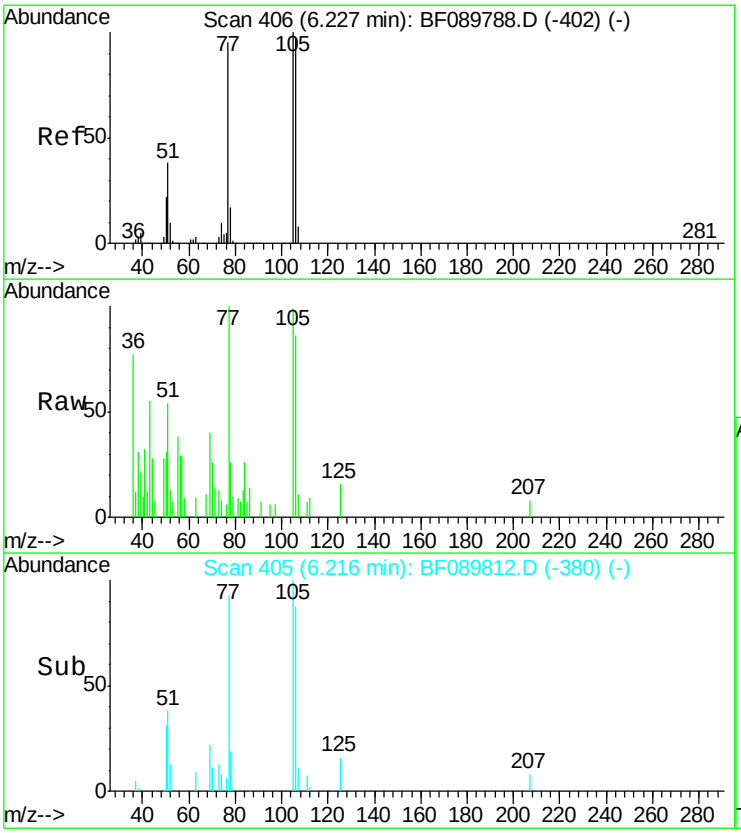
#8
2-Chlorophenol
Concen: 0.04 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:128 Resp: 1599

Ion	Ratio	Lower	Upper
128	100		
130	54.1	12.0	52.0#
64	67.3	35.1	75.1

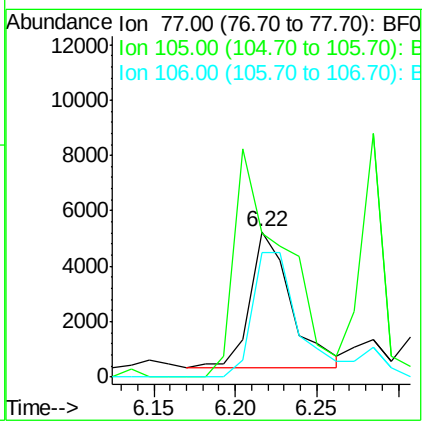


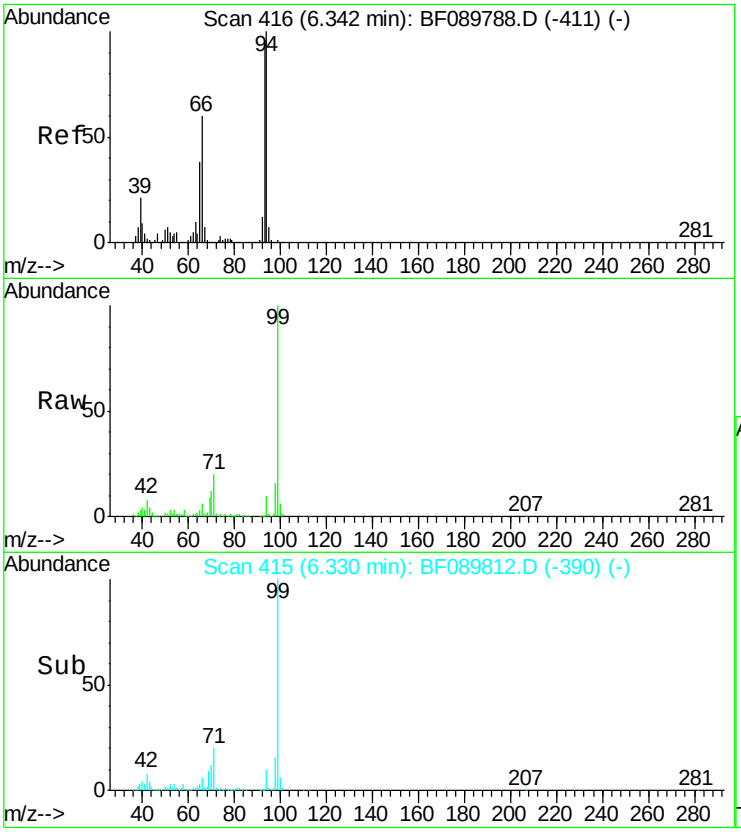


#9
Benzaldehyde
Concen: 0.33 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 77 Resp: 8576

Ion	Ratio	Lower	Upper
77	100		
105	99.5	73.3	113.3
106	86.3	68.6	108.6



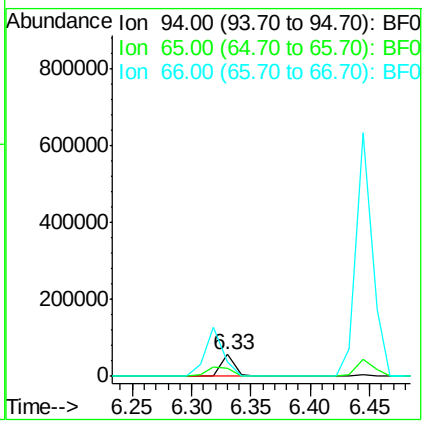


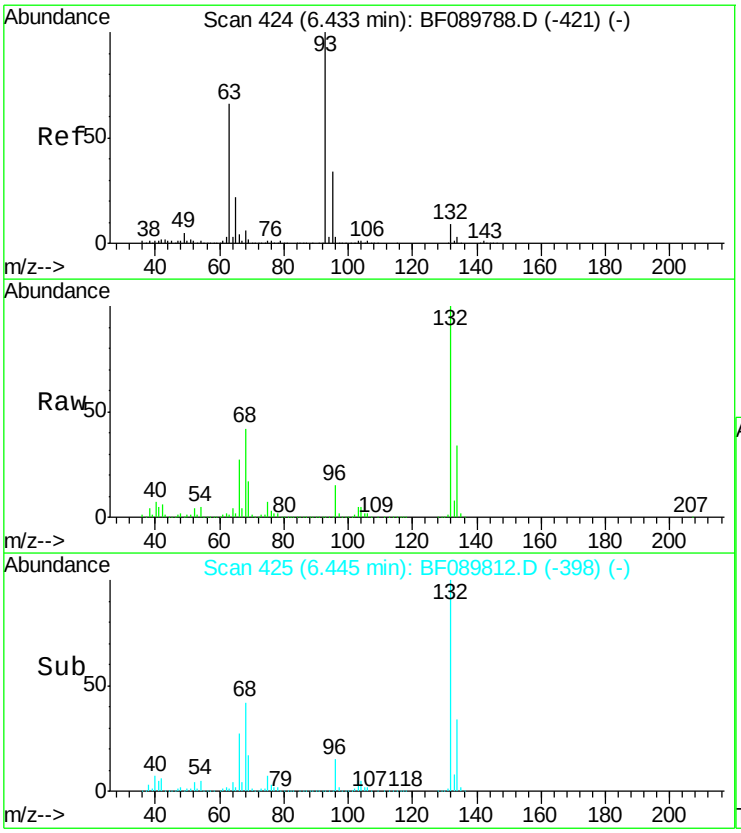
#10
Phenol
Concen: 1.02 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 94 Resp: 47666

Ion	Ratio	Lower	Upper
94	100		
65	34.7	14.0	54.0
66	64.6	31.2	71.2

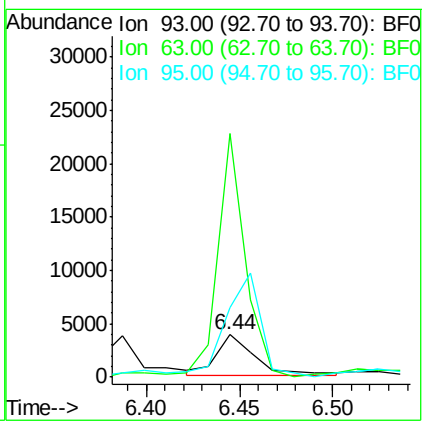


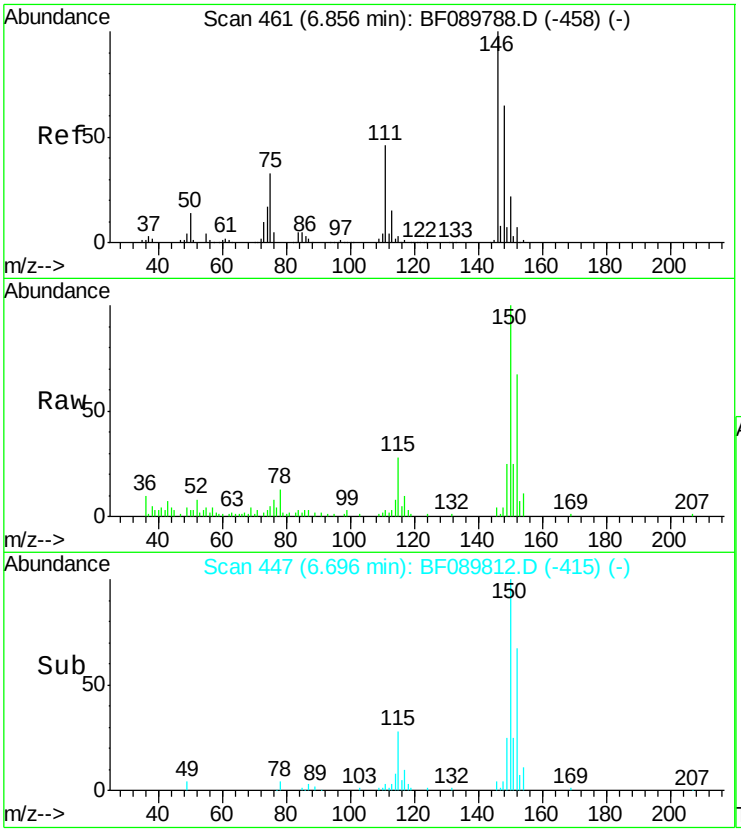


#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 93 Resp: 5431

Ion	Ratio	Lower	Upper
93	100		
63	578.6	55.8	95.8#
95	165.1	13.0	53.0#



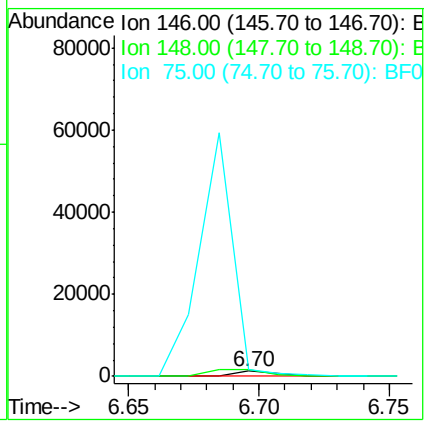


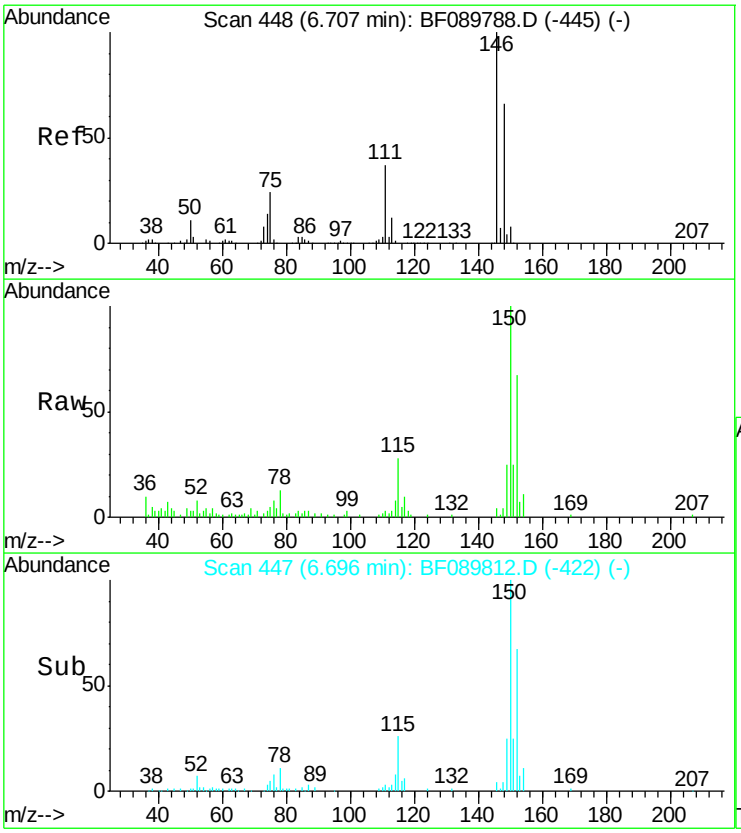
#12
1,3-Dichlorobenzene
Concen: 0.03 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.07 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:146 Resp: 1302

Ion	Ratio	Lower	Upper
146	100		
148	123.5	51.0	76.4#
75	134.7	27.0	40.6#

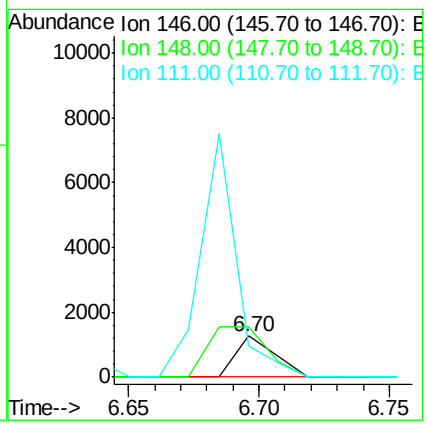


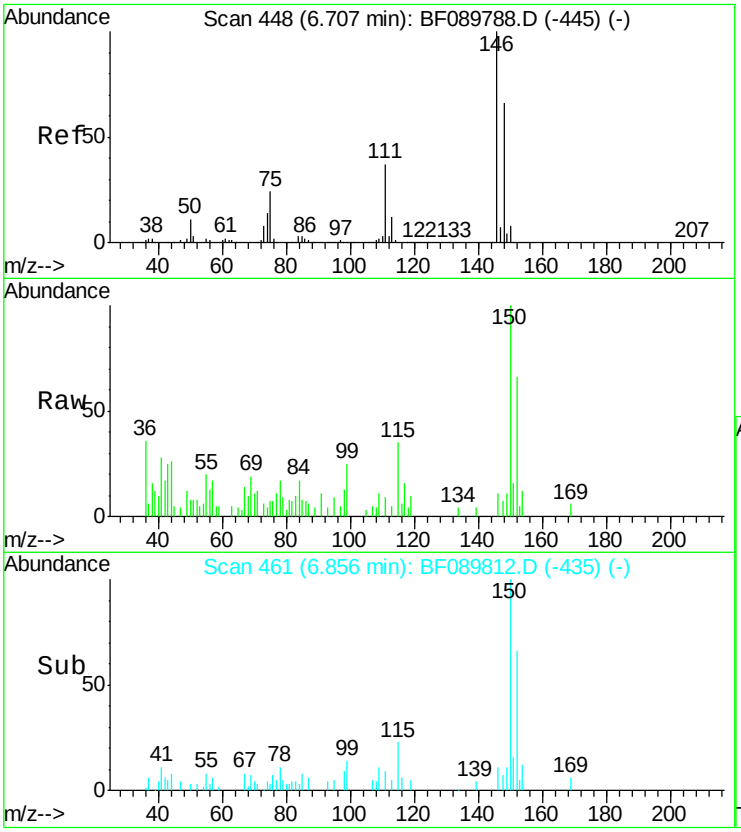


#13
1,4-Dichlorobenzene
Concen: 0.03 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:146 Resp: 1302

Ion	Ratio	Lower	Upper
146	100		
148	123.5	51.0	76.6#
111	75.4	34.6	52.0#



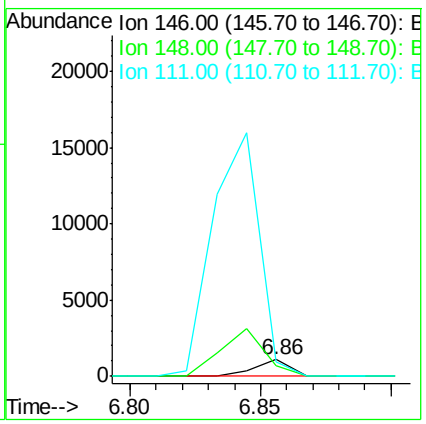


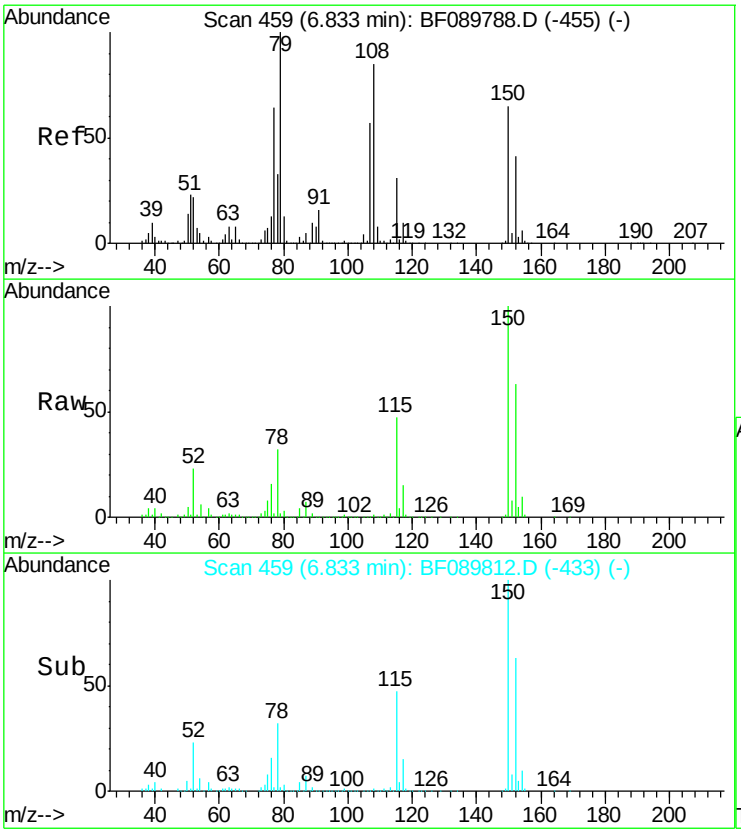
#14
1,2-Dichlorobenzene
Concen: 0.03 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:146 Resp: 977

Ion	Ratio	Lower	Upper
146	100		
148	67.6	52.2	78.2
111	84.5	29.8	44.6#

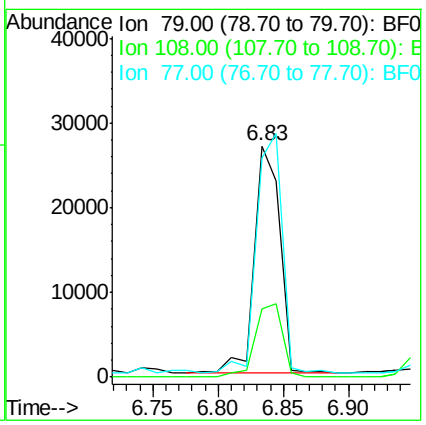


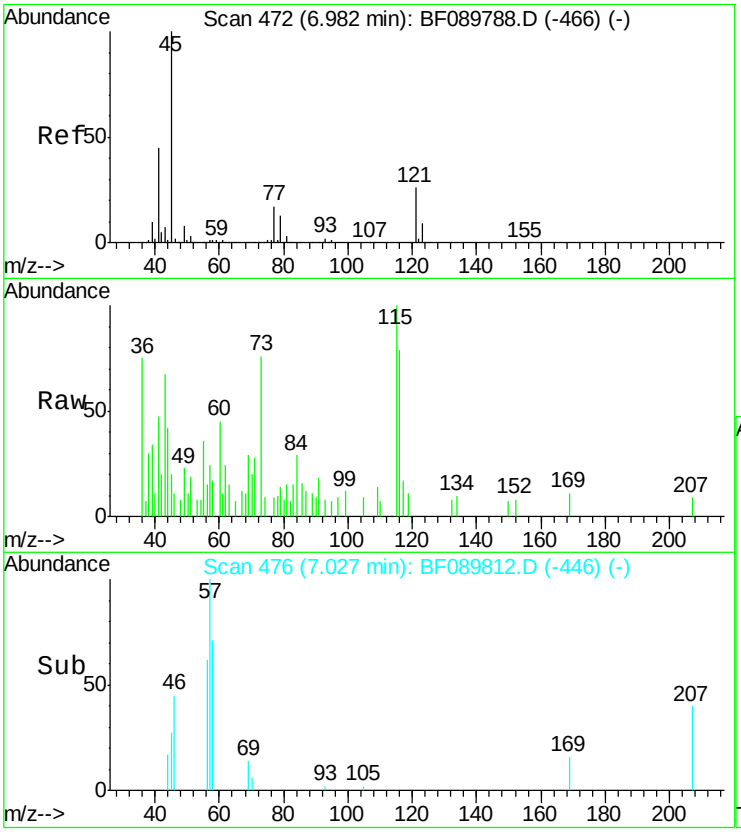


#15
Benzyl Alcohol
Concen: 1.39 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 79 Resp: 36720

Ion	Ratio	Lower	Upper
79	100		
108	29.3	62.5	93.7#
77	95.1	51.5	77.3#



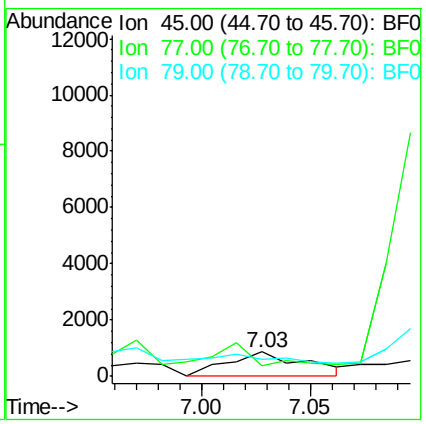


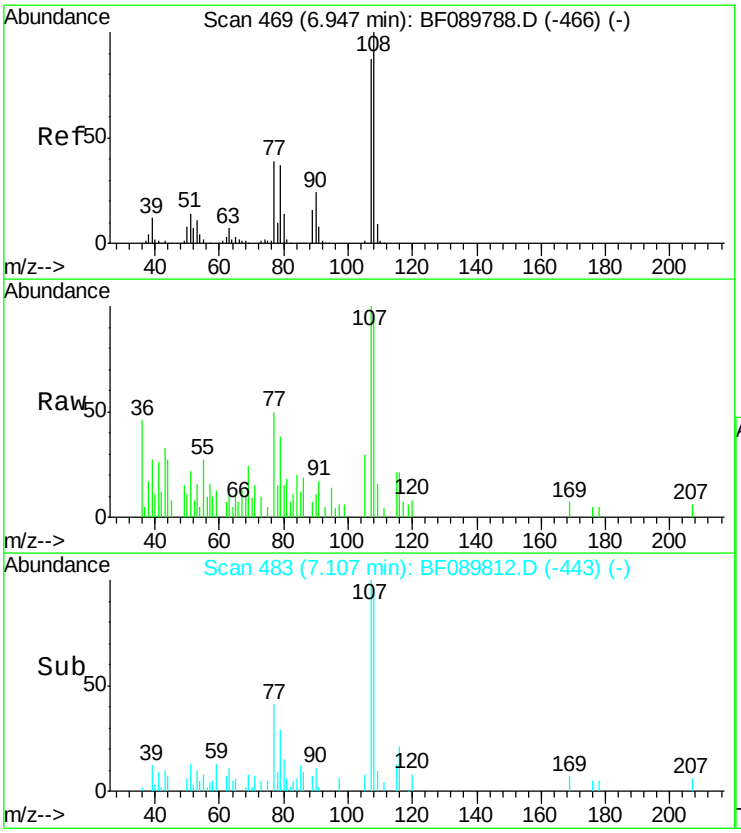
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.05 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.05 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 45 Resp: 2134

Ion	Ratio	Lower	Upper
45	100		
77	46.5	0.0	33.5#
79	71.1	0.0	30.7#

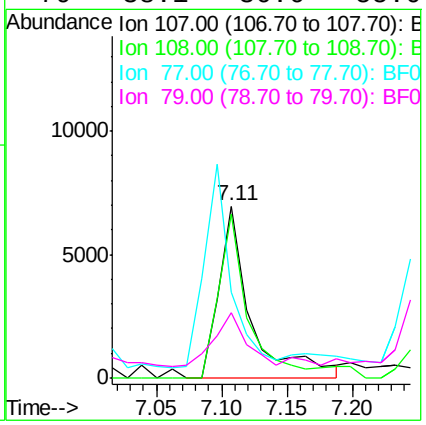


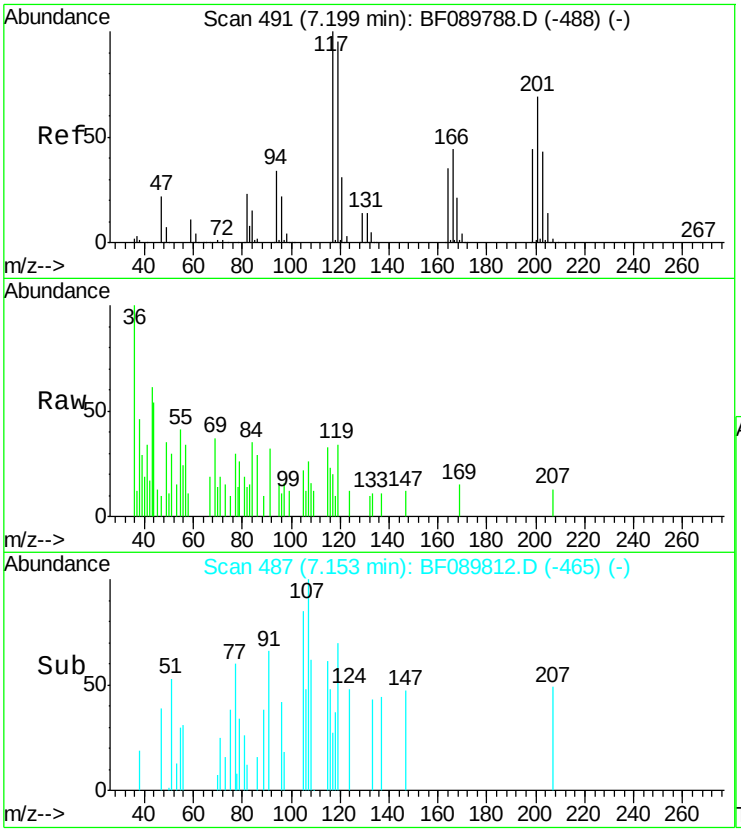


#17
2-Methylphenol
Concen: 0.39 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.16 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:107 Resp: 11904

Ion	Ratio	Lower	Upper
107	100		
108	95.7	91.0	136.4
77	50.3	37.4	56.0
79	38.1	36.6	55.0



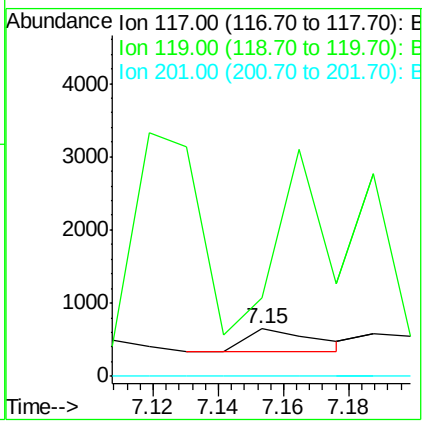


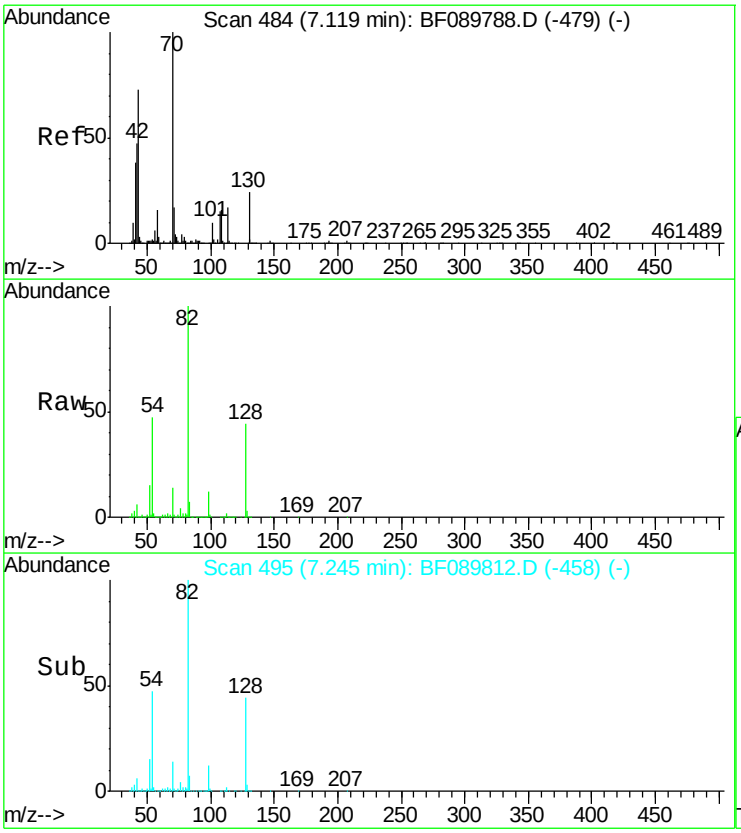
#18
Hexachloroethane
Concen: 0.03 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:117 Resp: 464

Ion	Ratio	Lower	Upper
117	100		
119	166.5	77.1	115.7#
201	0.0	76.9	115.3#

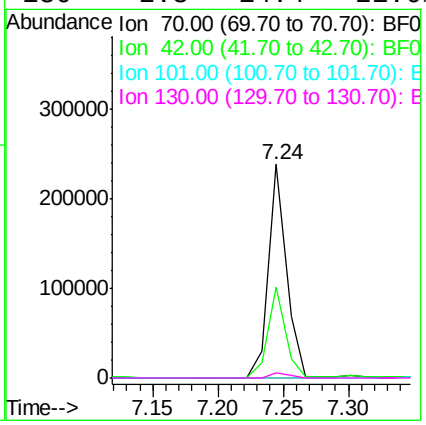


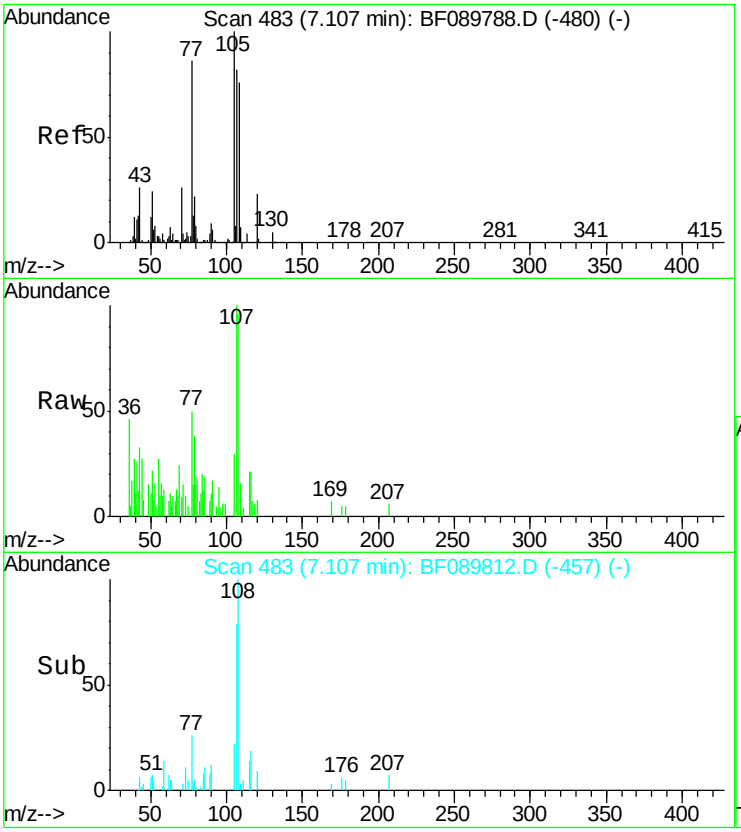


#19
n-Nitroso-di-n-propylamine
Concen: 9.15 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.13 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 70 Resp: 233234

Ion	Ratio	Lower	Upper
70	100		
42	42.8	46.3	69.5#
101	0.0	7.0	10.6#
130	2.3	14.4	21.6#



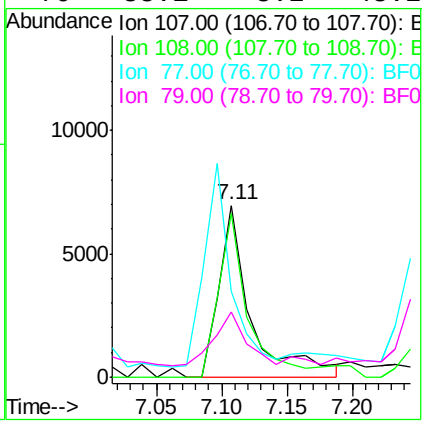


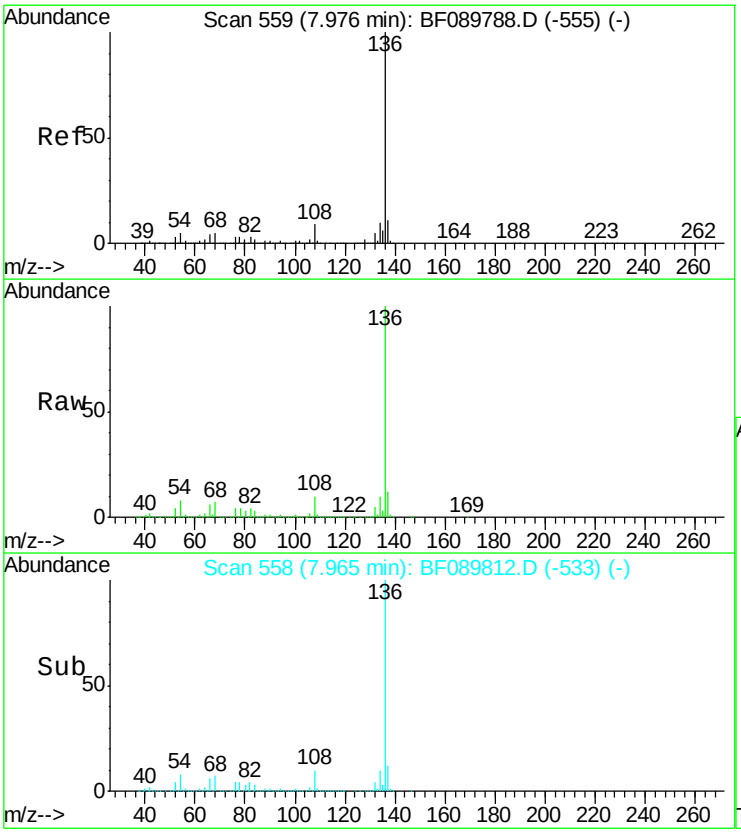
#20
3+4-Methylphenols
Concen: 0.32 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:107 Resp: 11904

Ion	Ratio	Lower	Upper
107	100		
108	95.7	68.2	108.2
77	50.3	122.3	162.3#
79	38.1	8.2	48.2

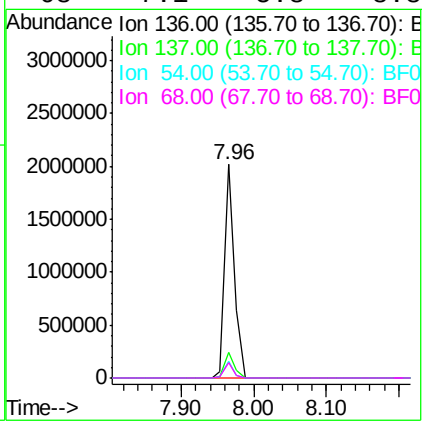


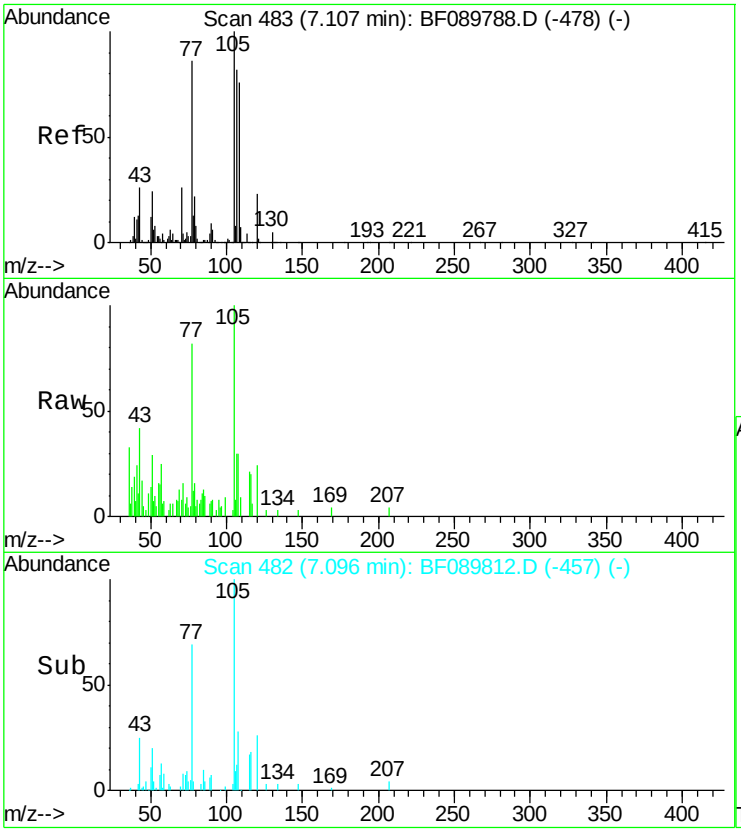


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:136 Resp: 1882913

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.1	7.2	10.8
68	7.1	5.8	8.8



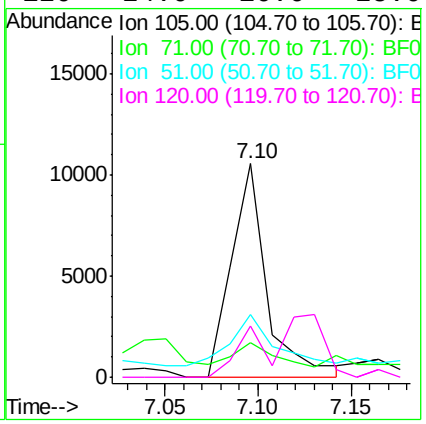


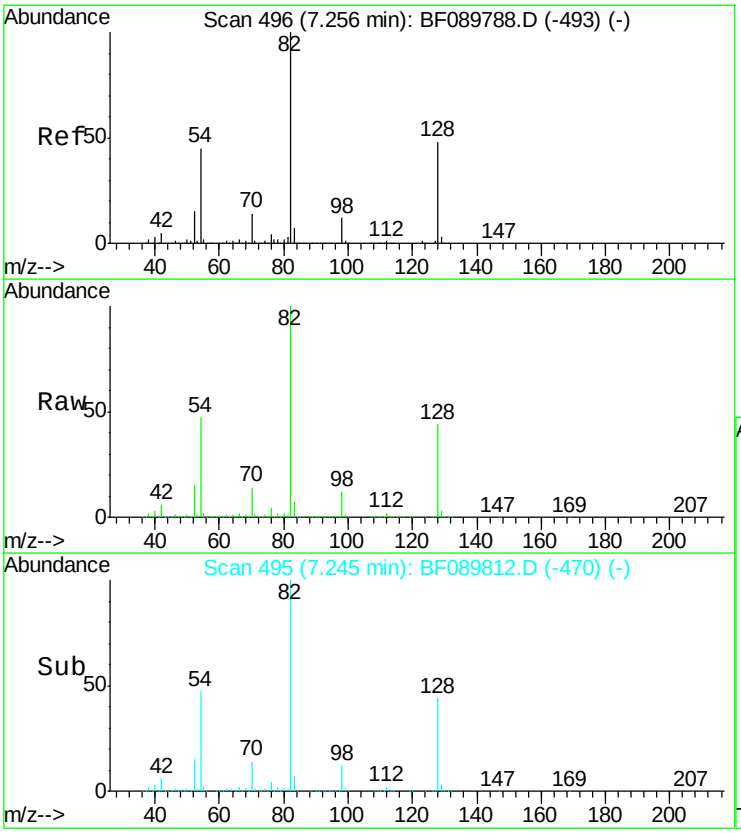
#22
Acetophenone
Concen: 0.33 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:105 Resp: 14054

Ion	Ratio	Lower	Upper
105	100		
71	16.0	1.9	2.9#
51	29.4	28.5	42.7
120	24.0	16.6	25.0

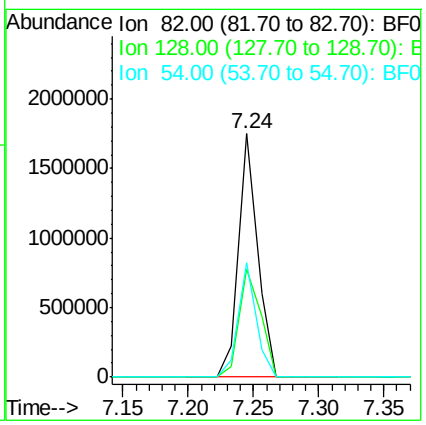


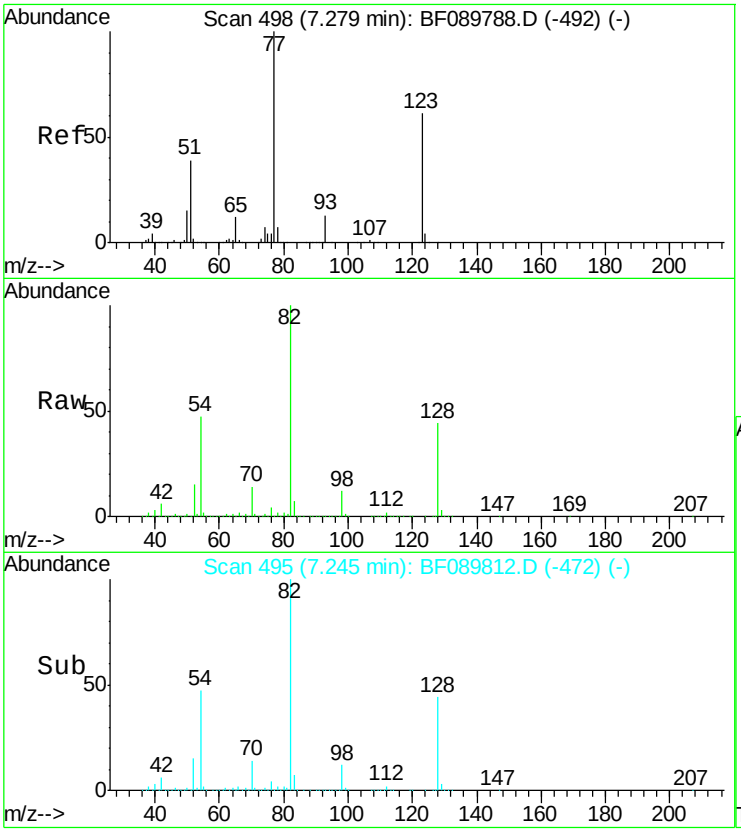


#23
Nitrobenzene-d5
Concen: 58.69 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 82 Resp: 1778665

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	46.8	40.3	60.5



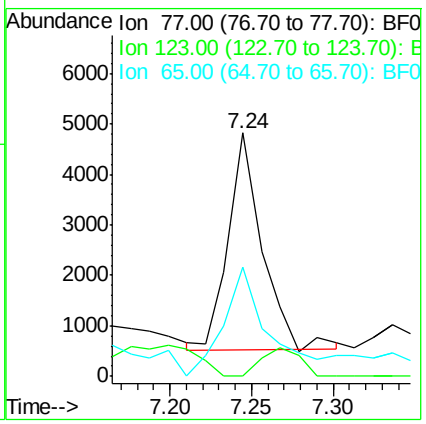


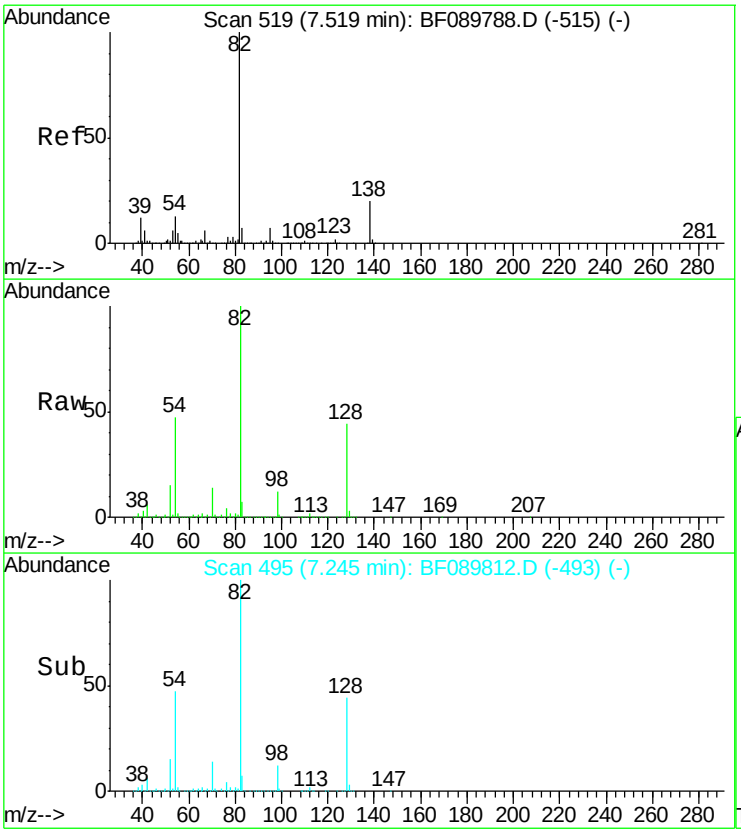
#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 77 Resp: 6191

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.2	54.2#
65	45.1	10.6	15.8#

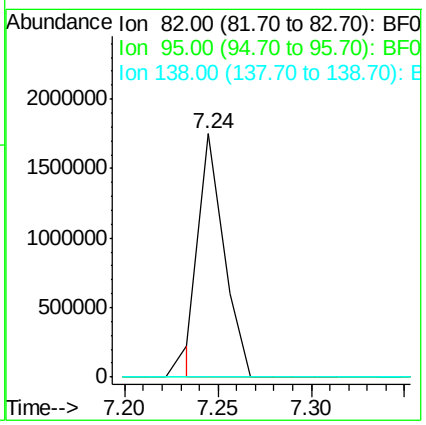


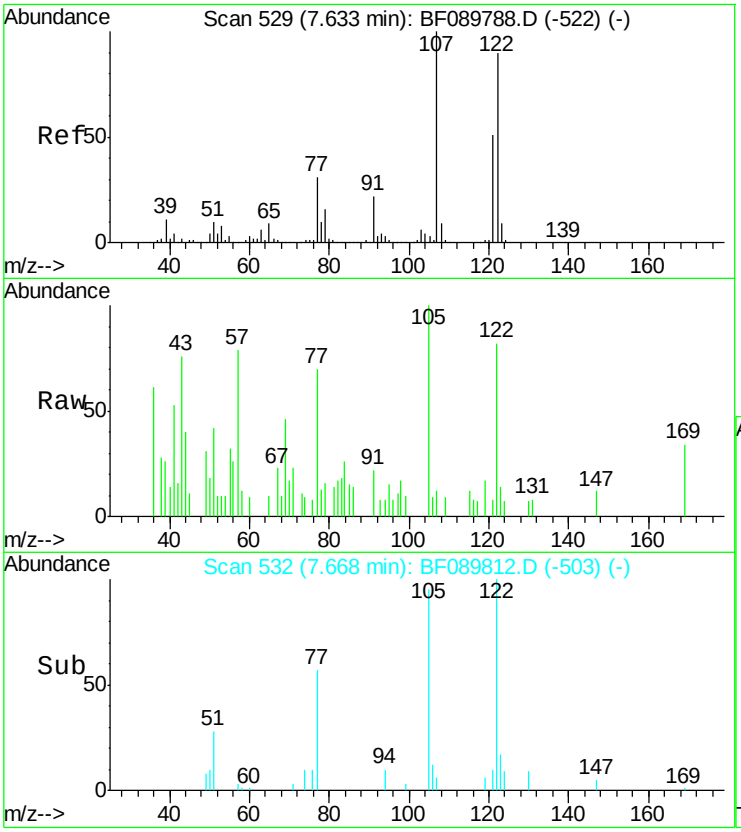


#25
Isophorone
Concen: 26.43 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.27 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 82 Resp: 1615482

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.0	19.4#



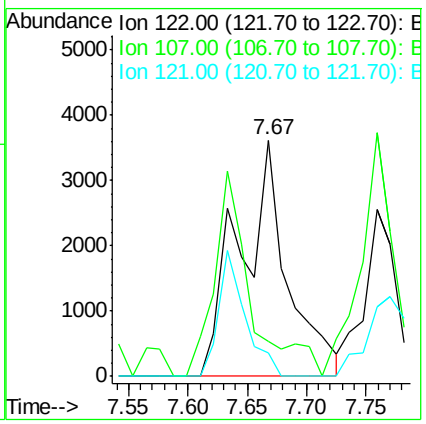


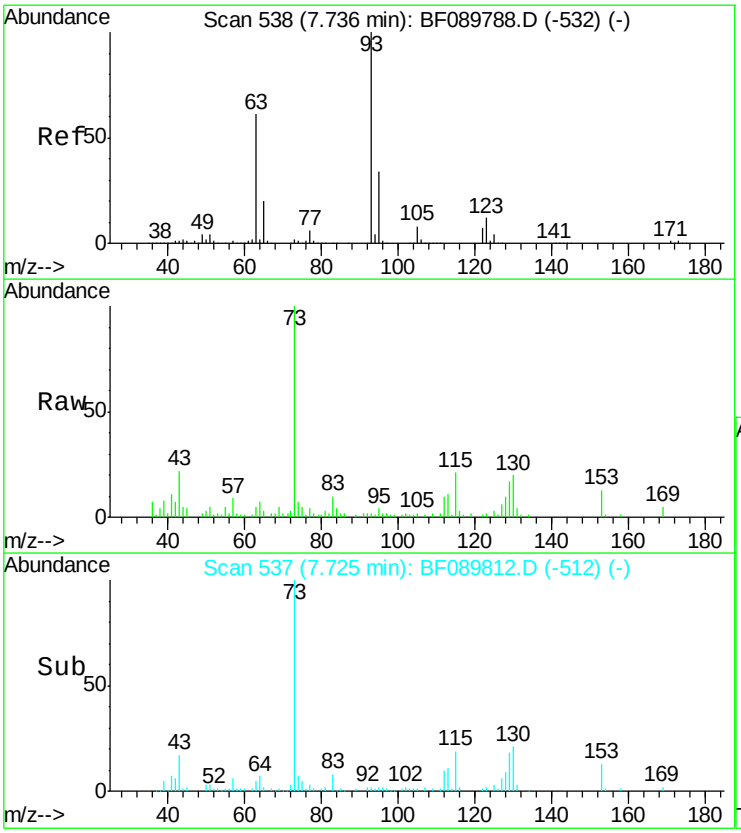
#27
2,4-Dimethylphenol
Concen: 0.33 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.03 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:122 Resp: 10053

Ion	Ratio	Lower	Upper
122	100		
107	14.9	84.8	127.2#
121	10.1	47.0	70.6#

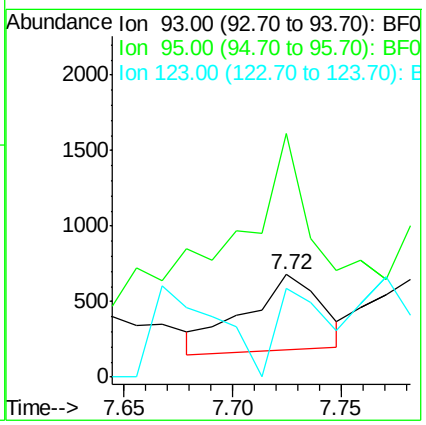


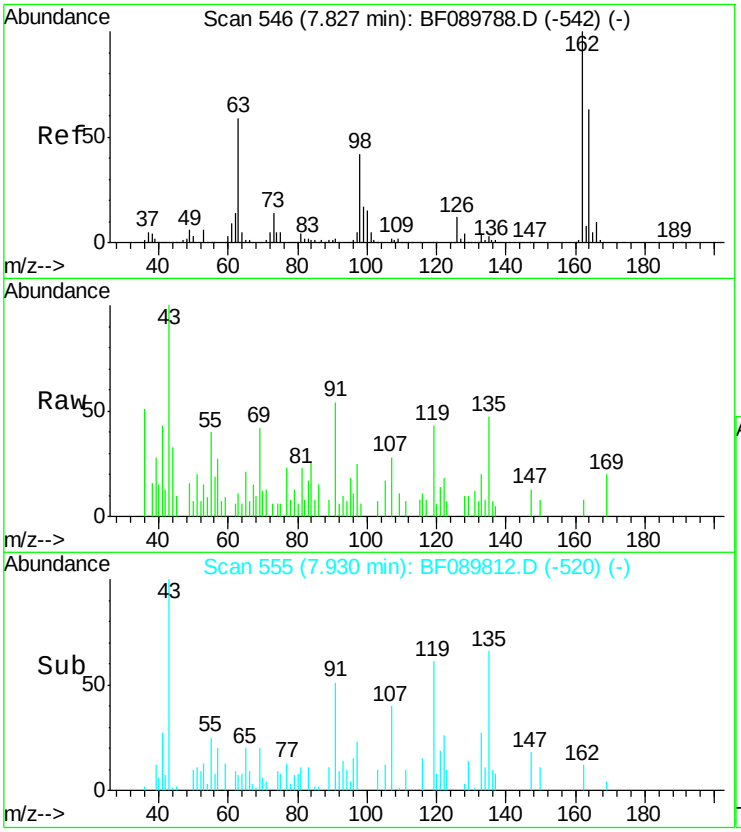


#28
bis(2-Chloroethoxy)methane
Concen: 0.03 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 93 Resp: 1216

Ion	Ratio	Lower	Upper
93	100		
95	237.4	25.5	38.3#
123	86.2	8.5	12.7#



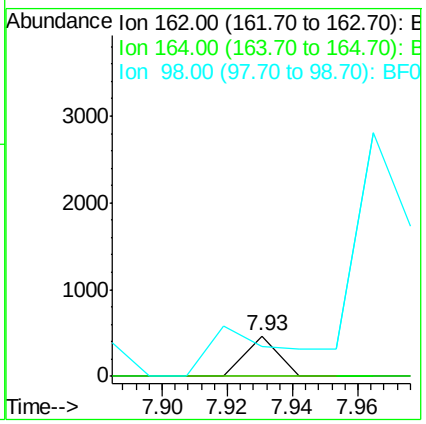


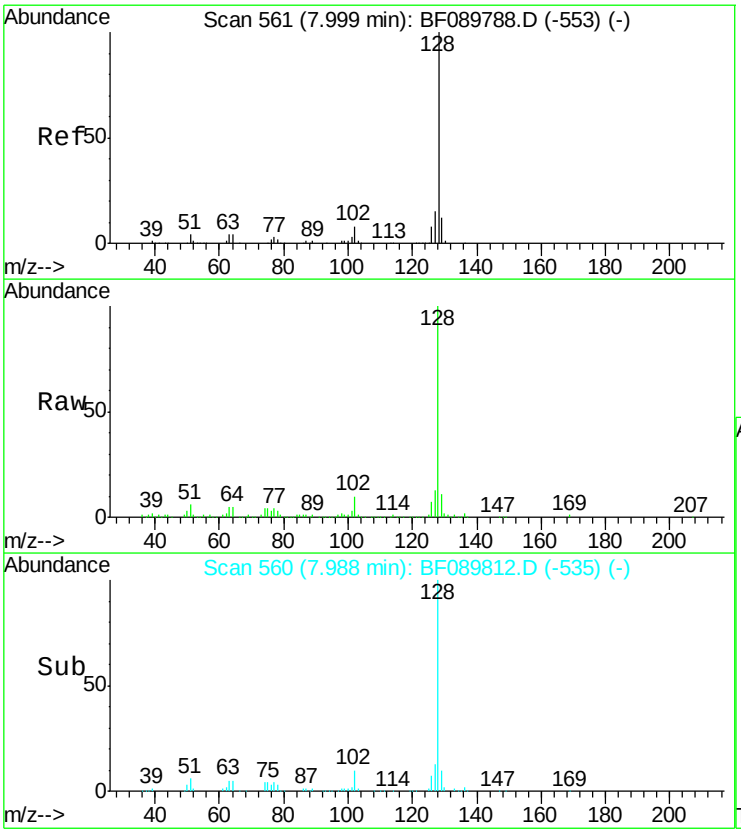
#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.10 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:162 Resp: 321

Ion	Ratio	Lower	Upper
162	100		
164	0.0	45.5	85.5#
98	72.6	12.4	52.4#

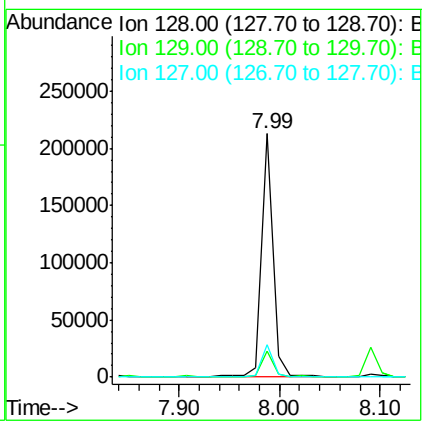


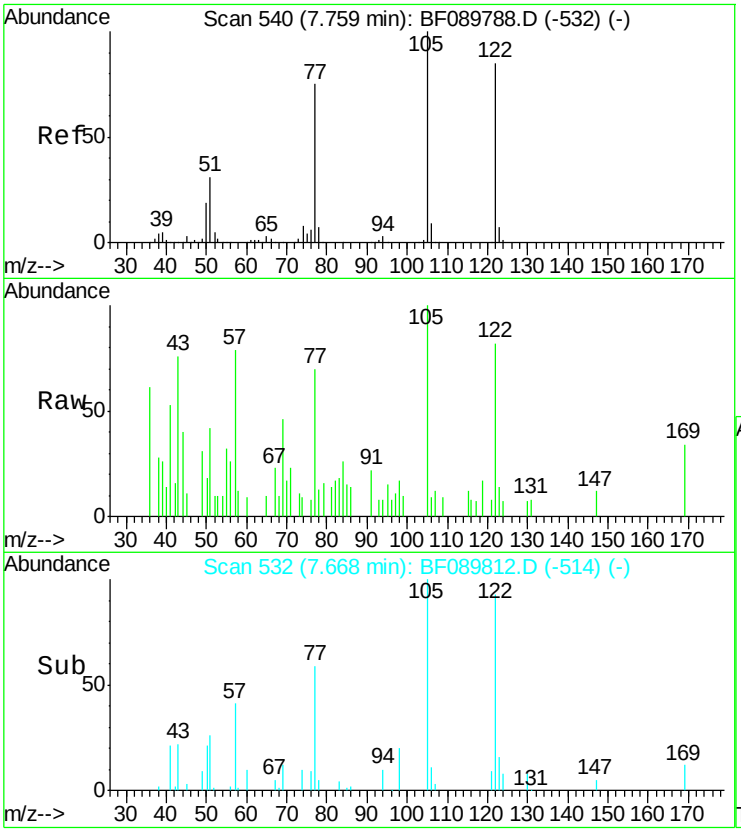


#31
Naphthalene
Concen: 1.90 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:128 Resp: 167529

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	13.3	11.3	16.9



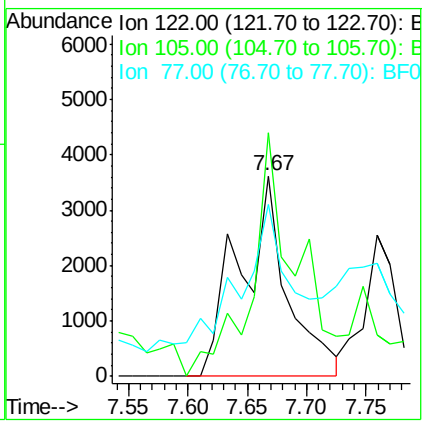


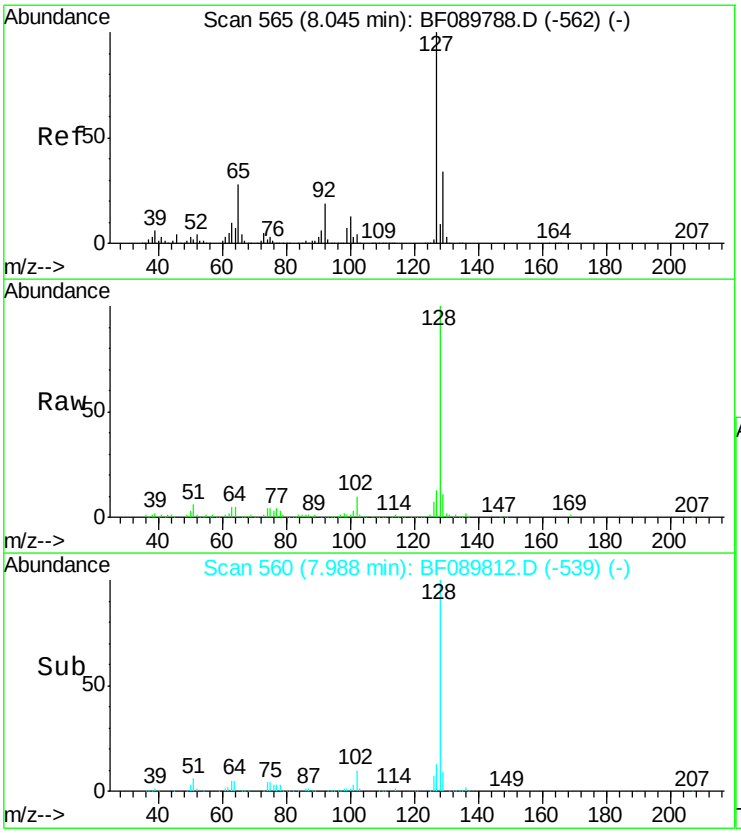
#32
Benzoic acid
Concen: 0.42 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.09 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:122 Resp: 10053

Ion	Ratio	Lower	Upper
122	100		
105	121.4	100.8	140.8
77	85.5	72.1	112.1

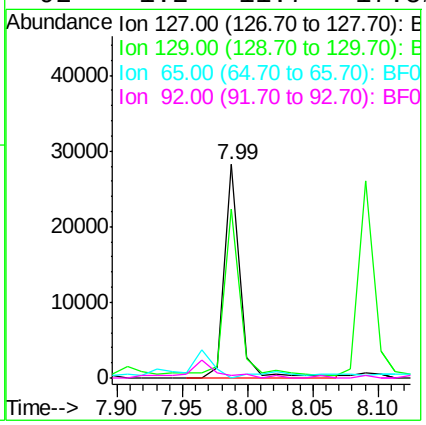


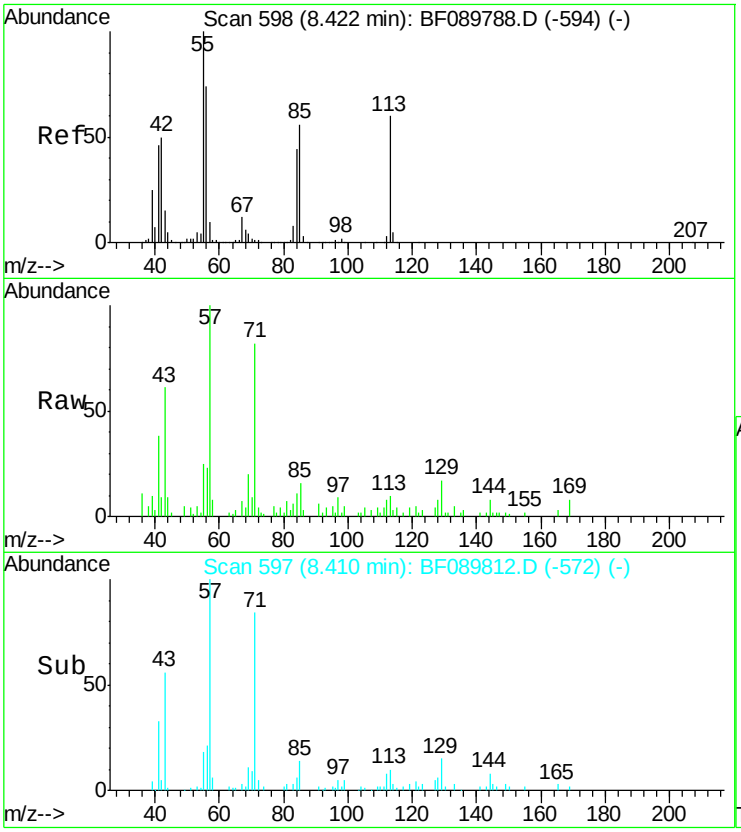


#33
4-Chloroaniline
Concen: 0.62 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.06 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:127 Resp: 23784

Ion	Ratio	Lower	Upper
127	100		
129	79.3	27.0	40.6#
65	0.0	14.7	22.1#
92	1.2	11.7	17.5#



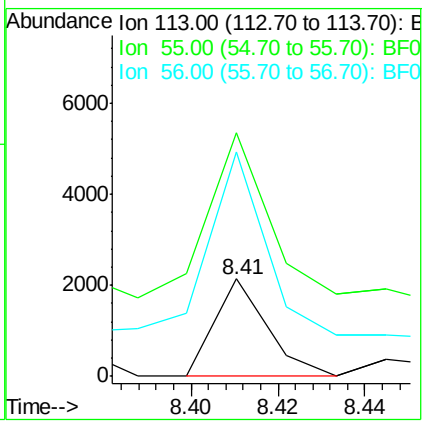


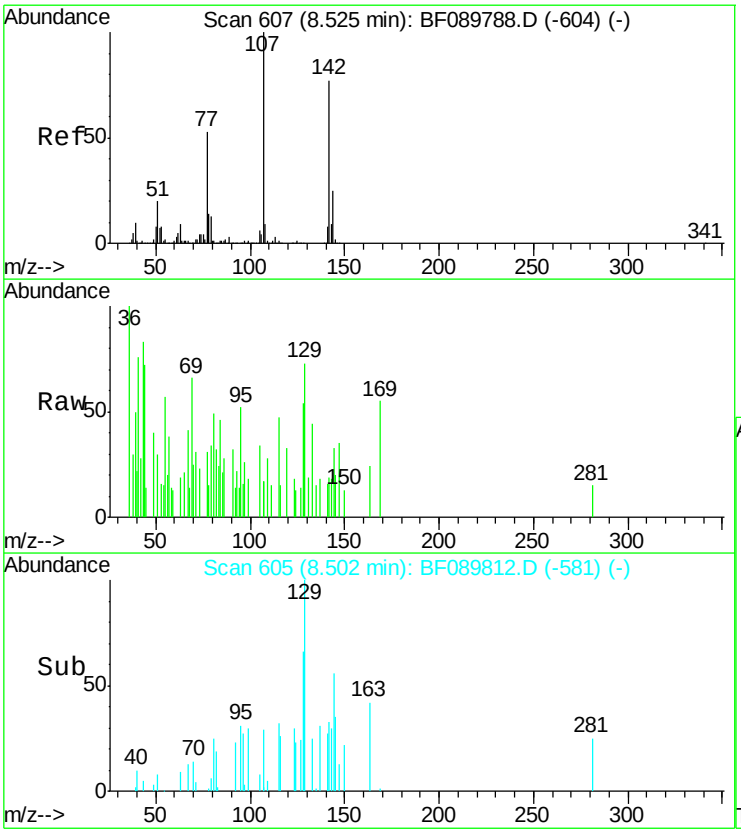
#35
Caprolactam
Concen: 0.23 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:113 Resp: 1776

Ion	Ratio	Lower	Upper
113	100		
55	250.6	135.9	175.9#
56	231.3	93.9	133.9#

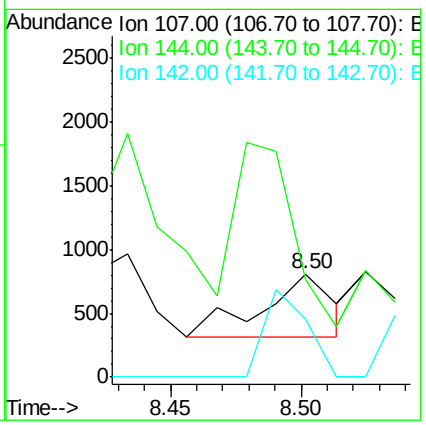


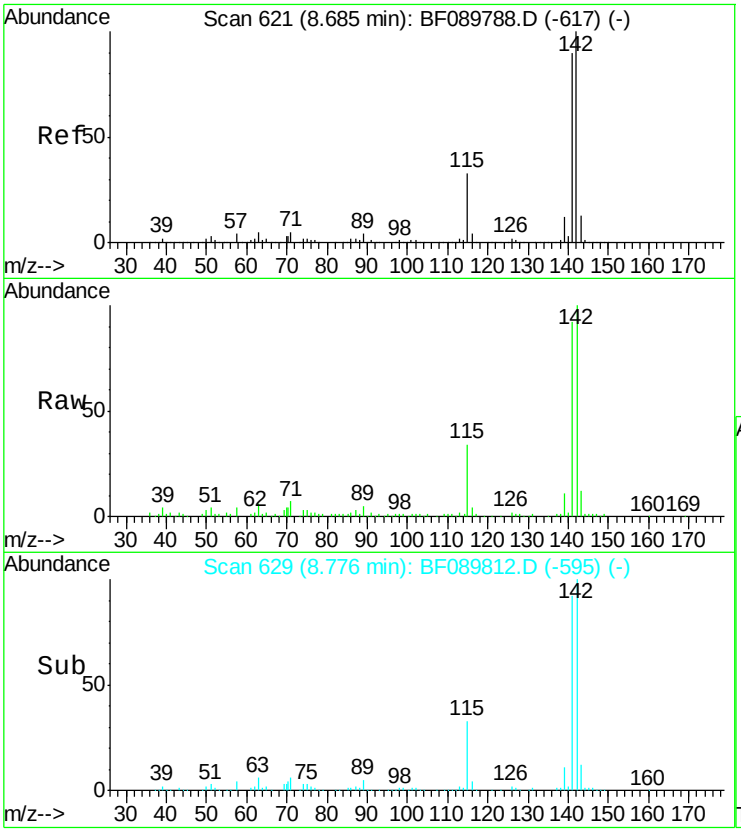


#36
4-Chloro-3-methylphenol
Concen: 0.03 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:107 Resp: 935

Ion	Ratio	Lower	Upper
107	100		
144	94.2	22.6	34.0#
142	55.7	69.3	103.9#



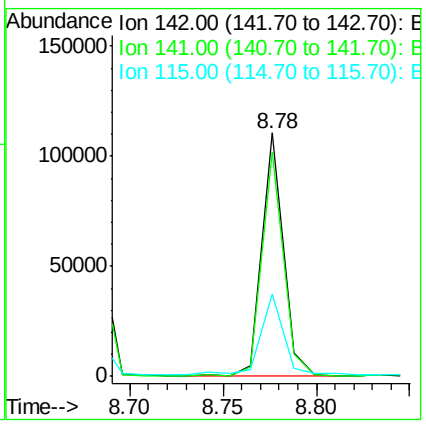


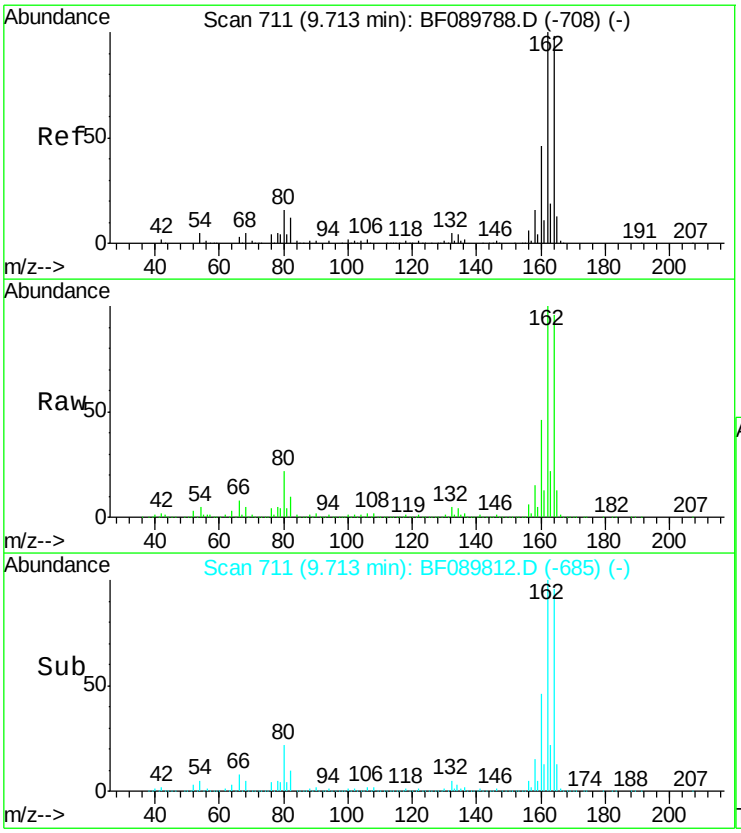
#37
2-Methylnaphthalene
Concen: 1.54 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.09 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:142 Resp: 87405

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.4	107.2
115	33.7	22.7	34.1

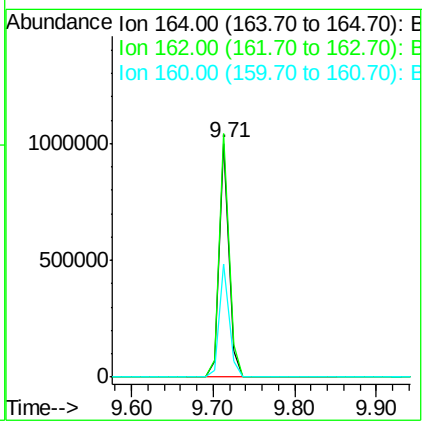


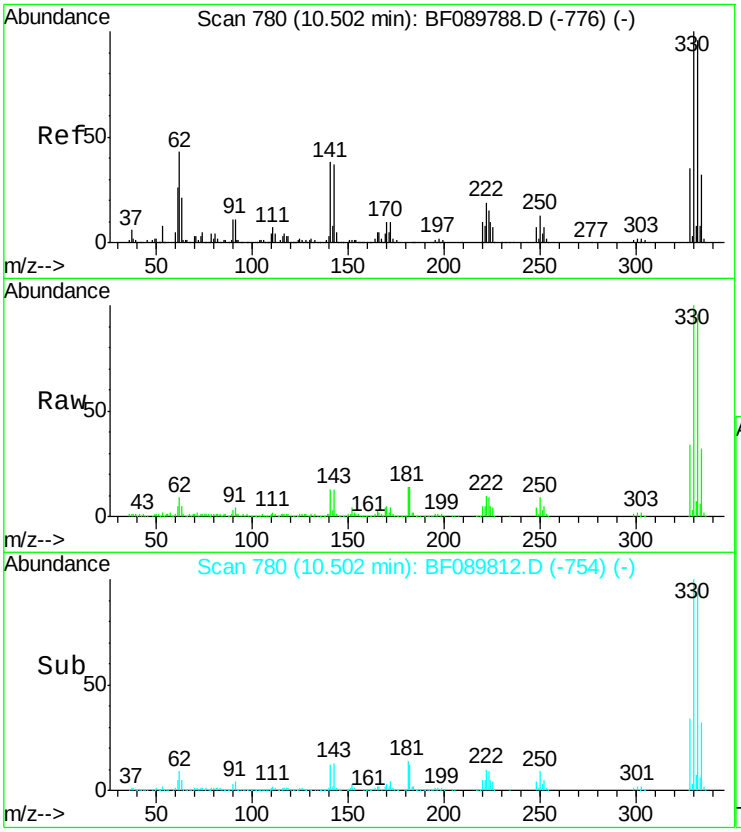


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:164 Resp: 818006

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.2
160	48.1	37.8	56.6



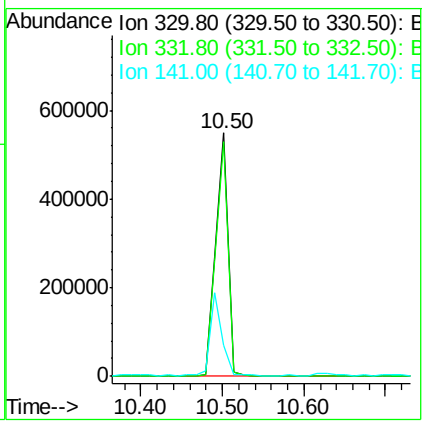


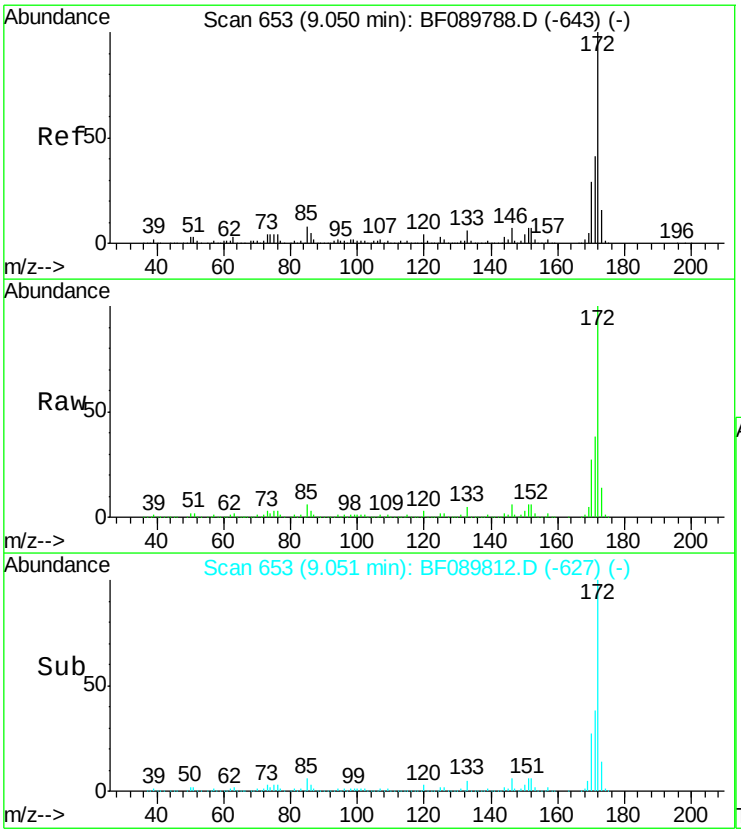
#41
2,4,6-Tribromophenol
Concen: 74.52 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:330 Resp: 579300

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	32.8	30.2	45.2

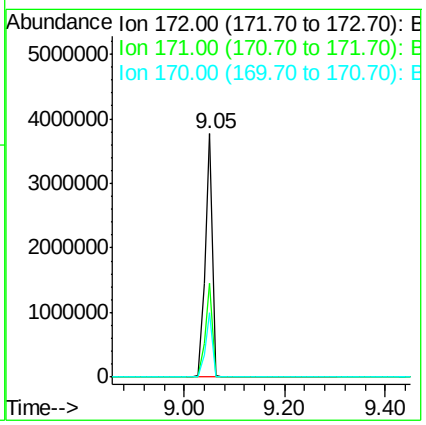


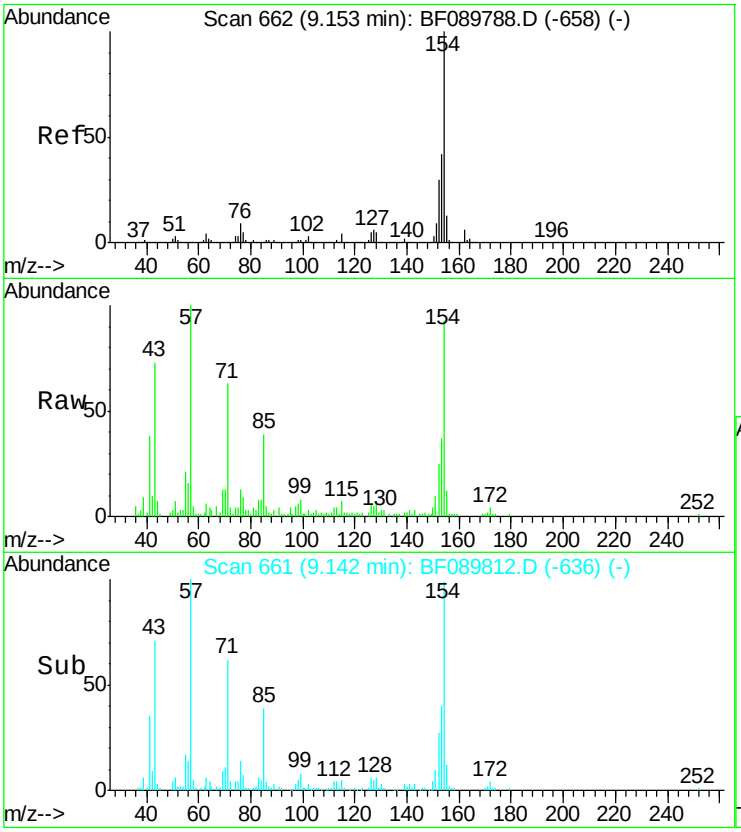


#44
2-Fluorobiphenyl
Concen: 78.26 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:172 Resp: 3642296

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.5	45.7
170	26.7	20.6	31.0



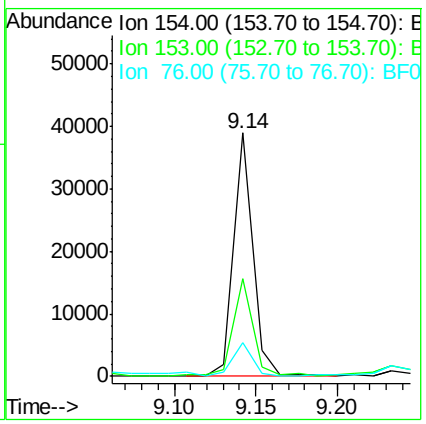


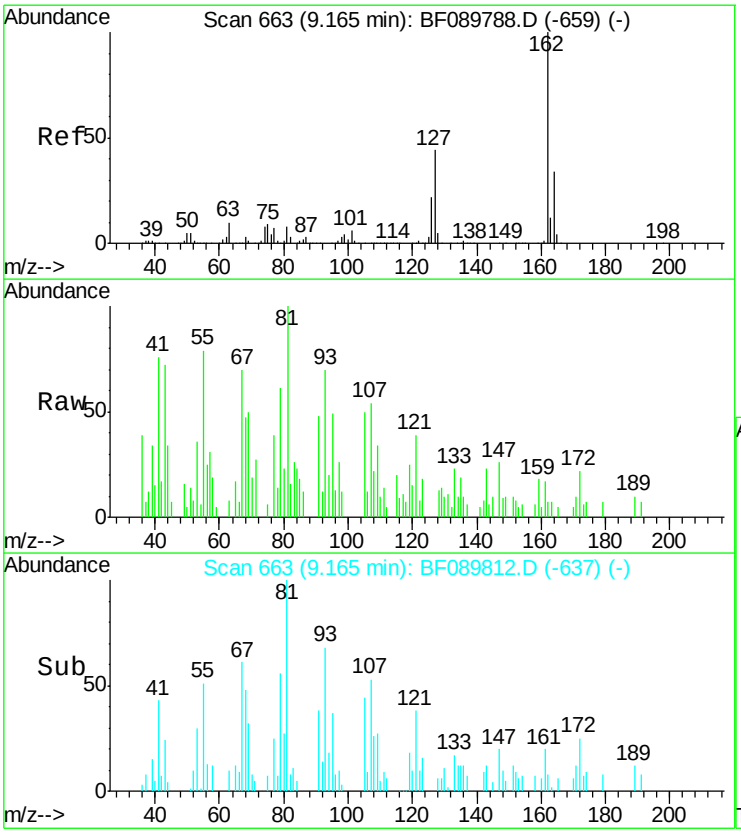
#45
1,1'-Biphenyl
Concen: 0.50 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:154 Resp: 31495

Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.5	61.5
76	13.9	0.0	36.7

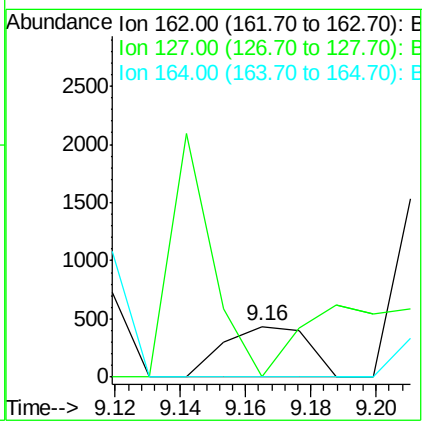


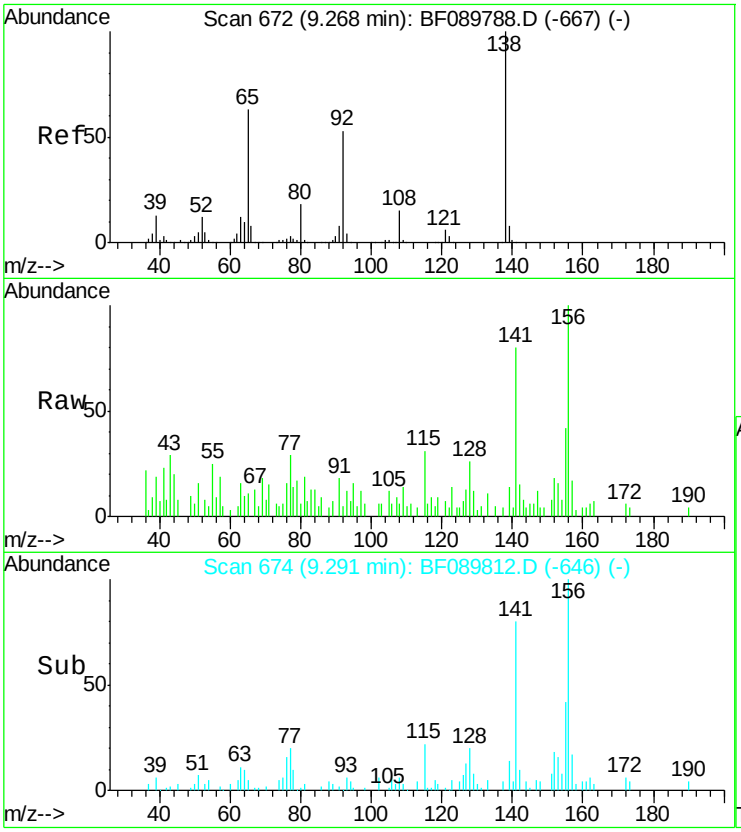


#46
2-Chloronaphthalene
Concen: 0.02 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:162 Resp: 779

Ion	Ratio	Lower	Upper
162	100		
127	0.0	35.5	53.3#
164	0.0	26.6	40.0#



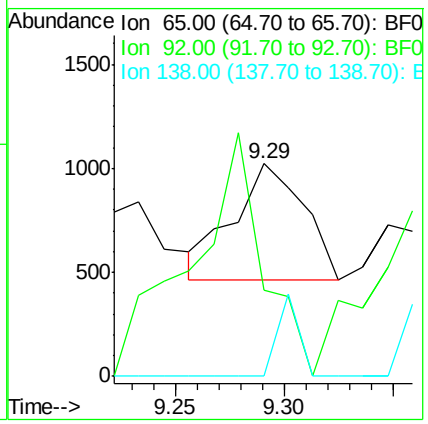


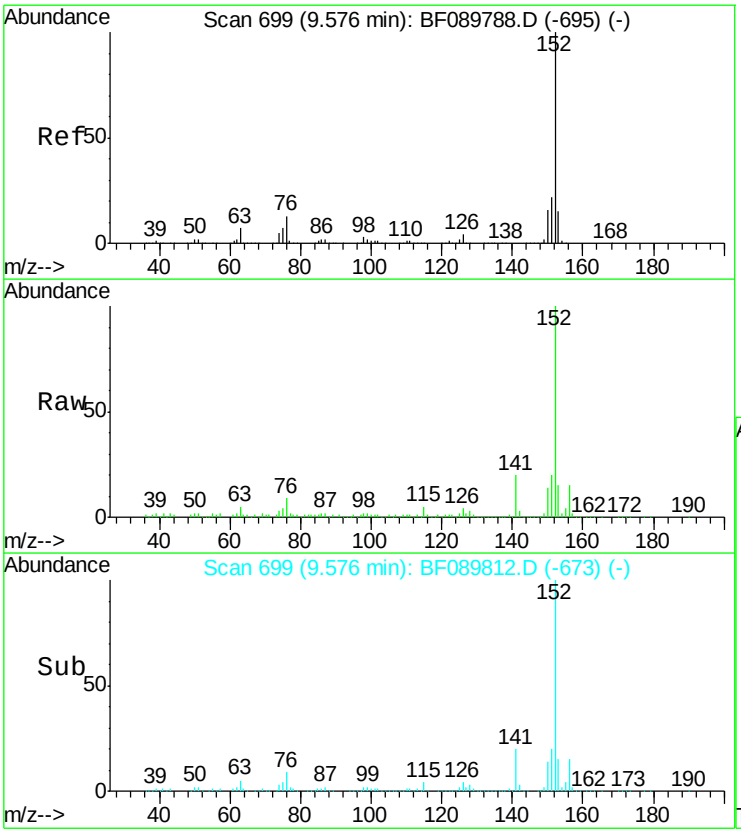
#47
2-Nitroaniline
Concen: 0.09 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 65 Resp: 1259

Ion	Ratio	Lower	Upper
65	100		
92	40.3	56.3	84.5#
138	0.0	81.8	122.8#

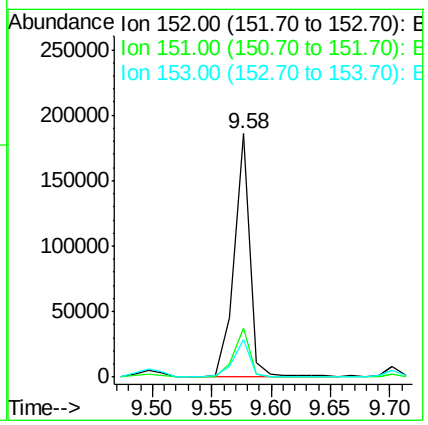


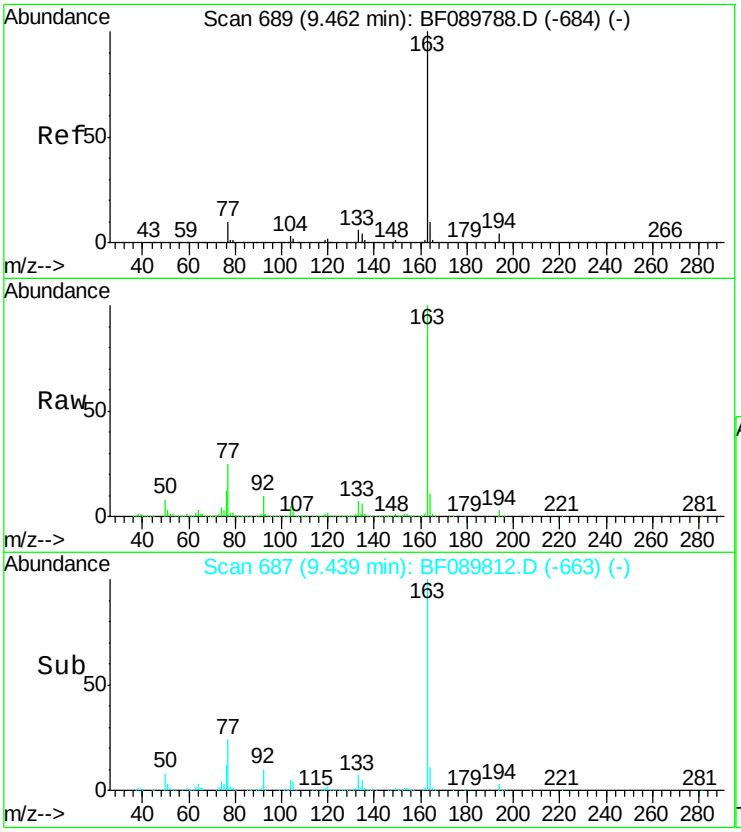


#48
Acenaphthylene
Concen: 2.26 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:152 Resp: 169946

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	15.3	11.2	16.8



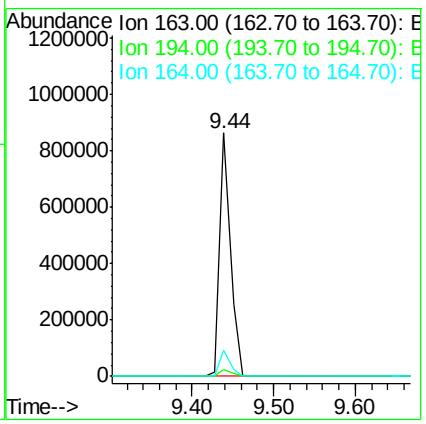


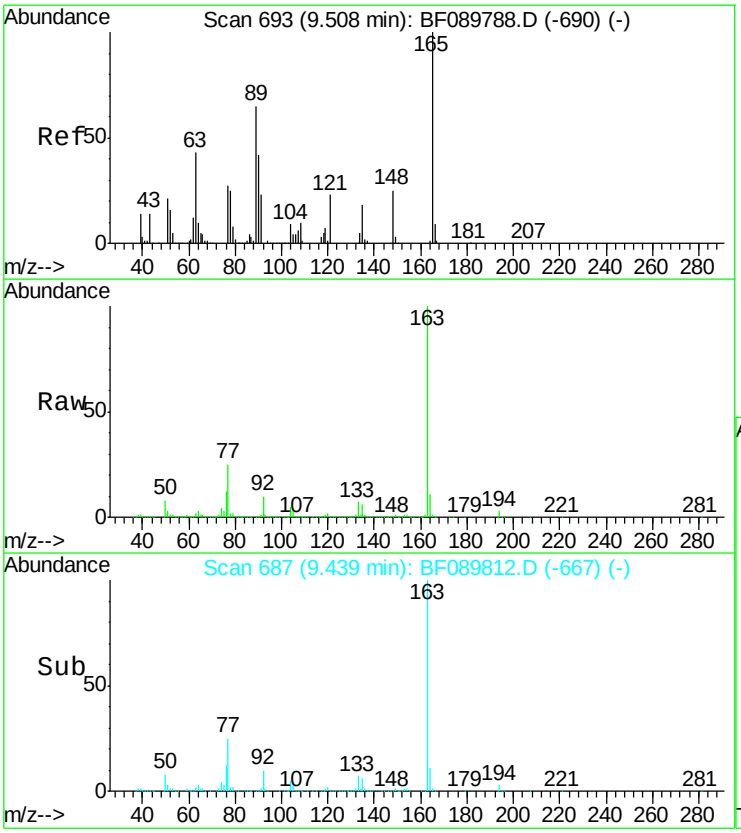
#49
Dimethylphthalate
Concen: 13.62 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:163 Resp: 784448

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	3.8
164	10.7	8.6	12.8

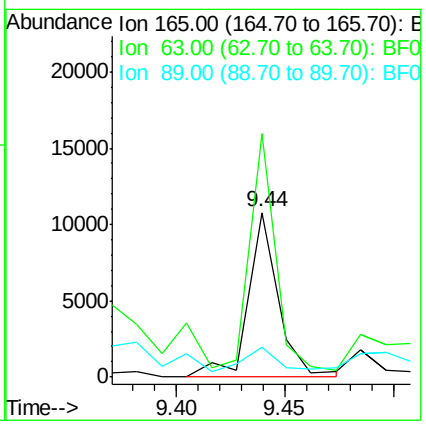


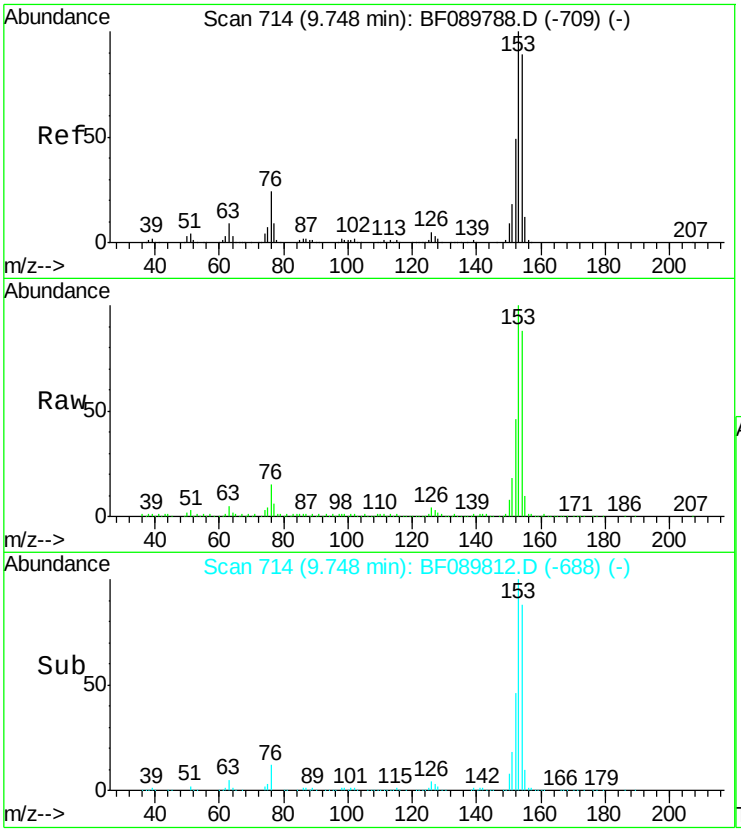


#50
2,6-Dinitrotoluene
Concen: 0.79 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:165 Resp: 10514

Ion	Ratio	Lower	Upper
165	100		
63	147.7	41.7	62.5#
89	17.8	44.6	67.0#



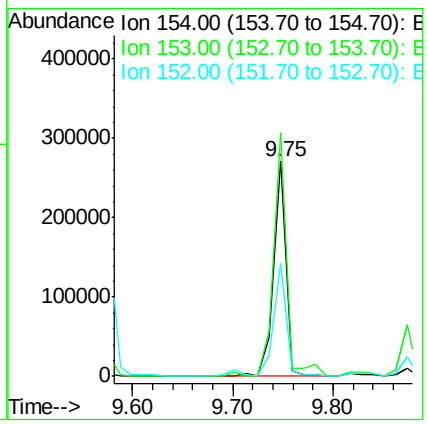


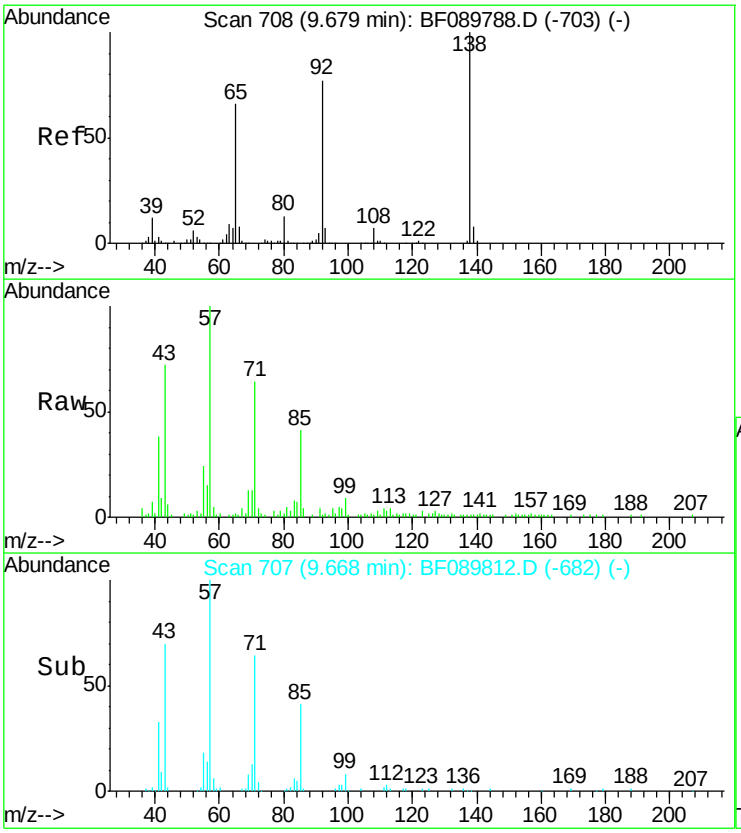
#51
Acenaphthene
Concen: 4.65 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:154 Resp: 231440

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.5	135.7
152	52.6	44.6	67.0

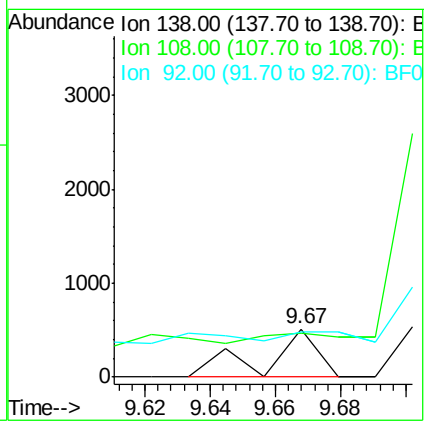


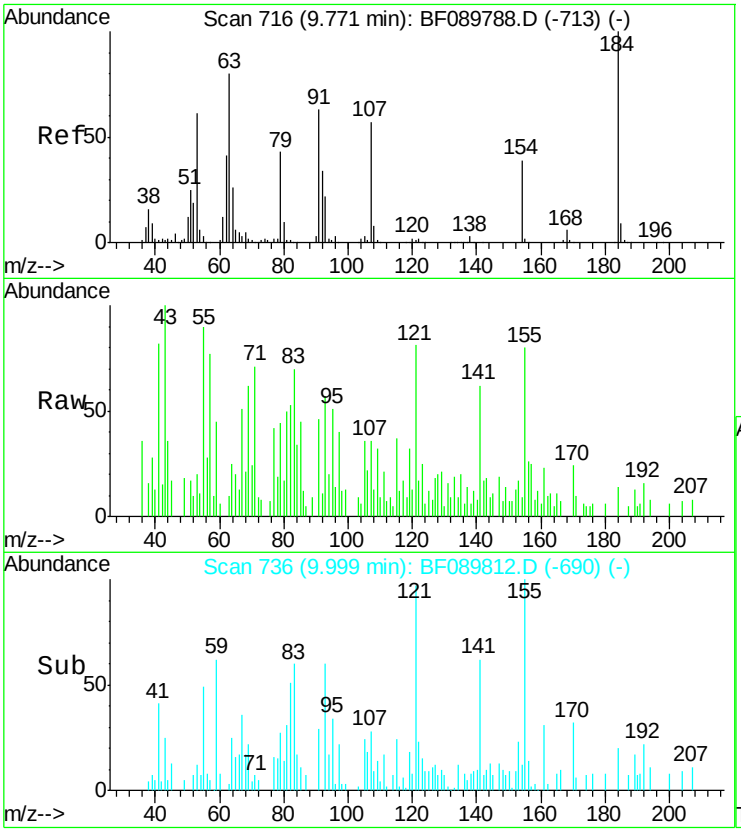


#52
3-Nitroaniline
Concen: 0.04 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:138 Resp: 563

Ion	Ratio	Lower	Upper
138	100		
108	90.8	8.1	12.1#
92	94.3	92.7	139.1



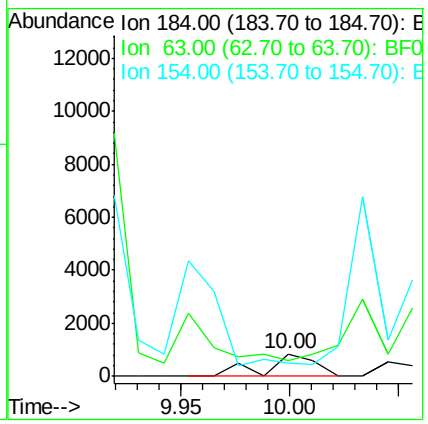


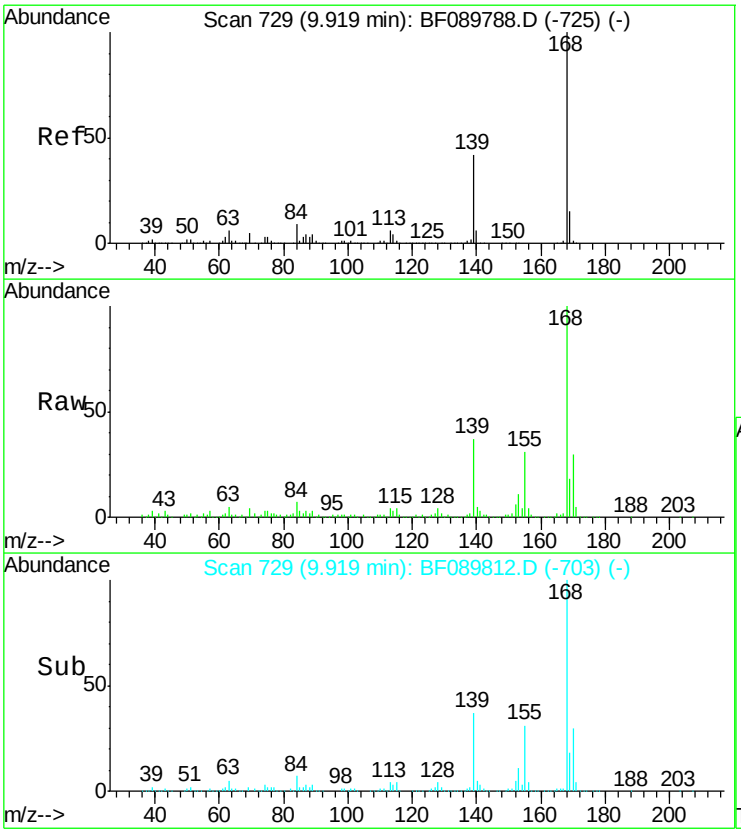
#53
2,4-Dinitrophenol
Concen: 2.45 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.23 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:184 Resp: 1314

Ion	Ratio	Lower	Upper
184	100		
63	70.2	54.2	81.4
154	60.0	52.7	79.1

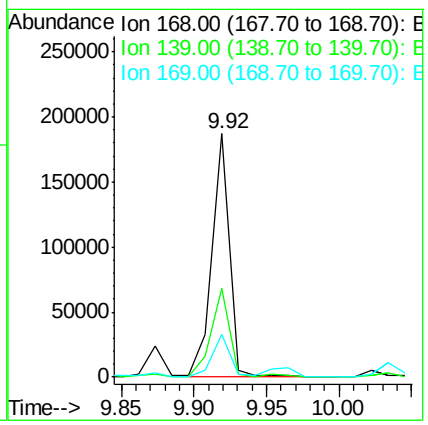


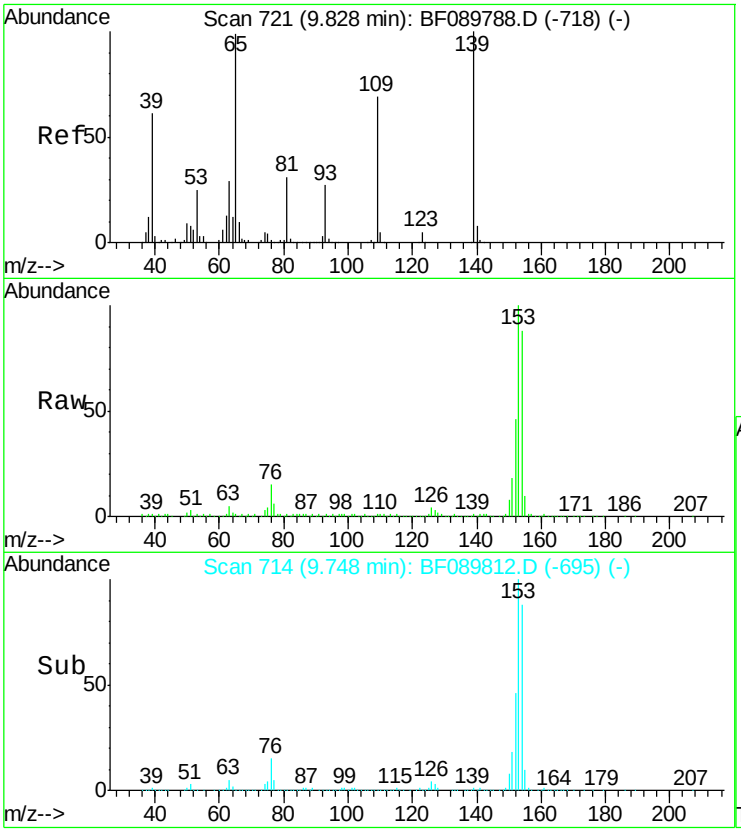


#54
Dibenzofuran
Concen: 2.53 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:168 Resp: 157919

Ion	Ratio	Lower	Upper
168	100		
139	36.6	34.6	52.0
169	17.7	11.5	17.3#



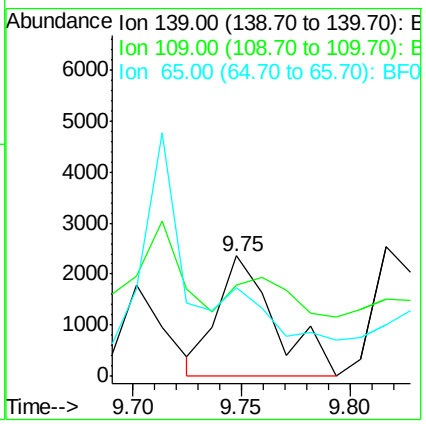


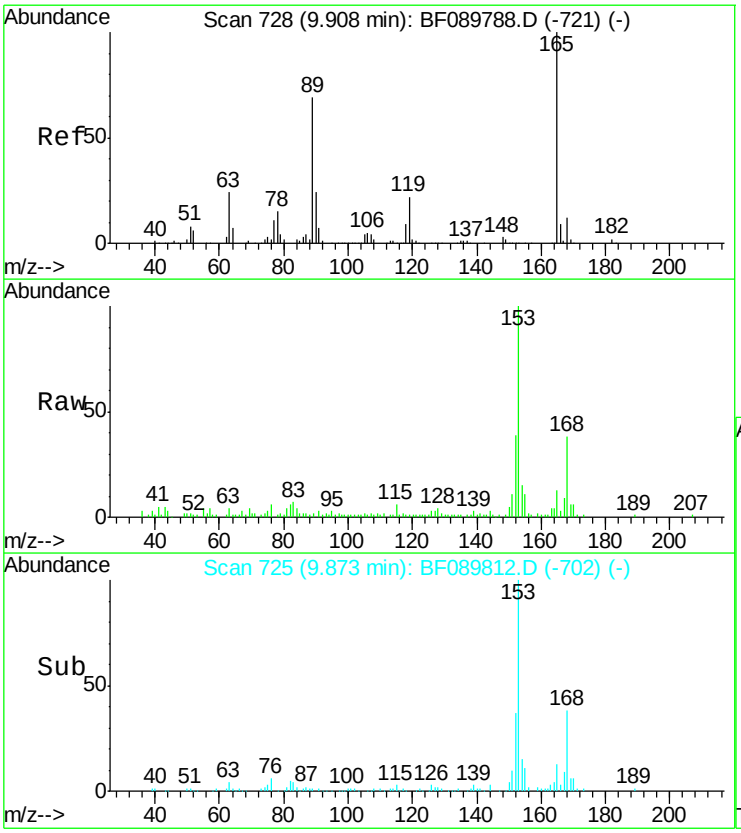
#55
4-Nitrophenol
Concen: 0.36 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.08 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:139 Resp: 4346

Ion	Ratio	Lower	Upper
139	100		
109	75.9	43.0	83.0
65	73.9	55.7	95.7

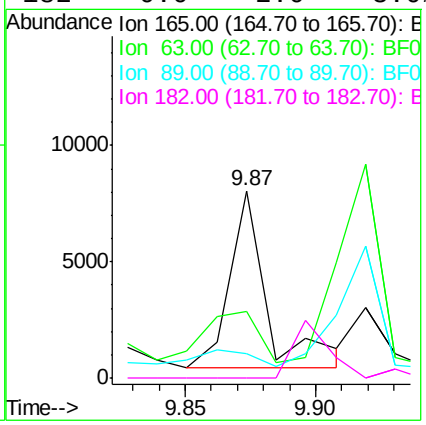


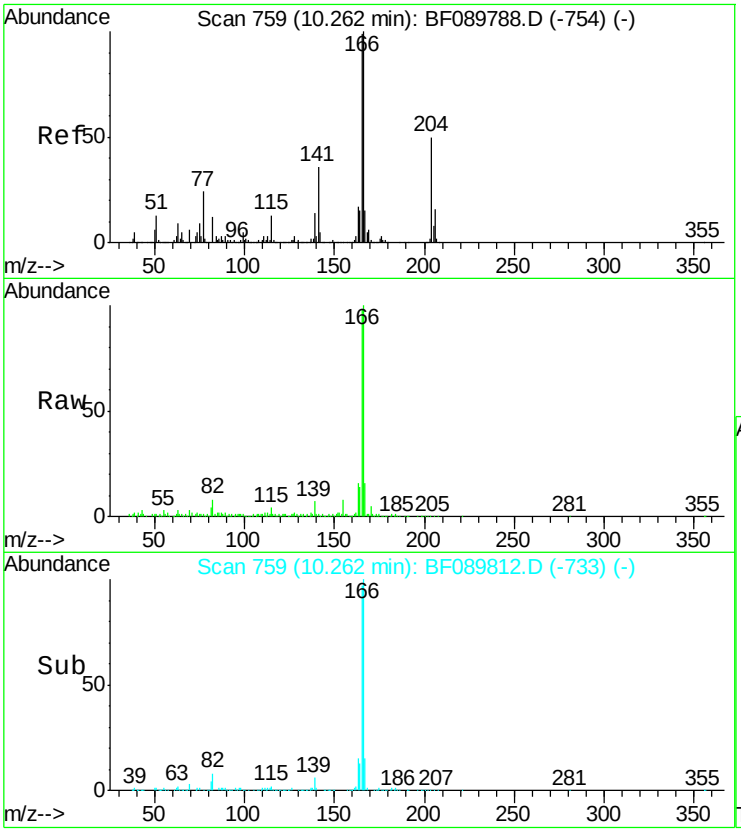


#56
2,4-Dinitrotoluene
Concen: 0.44 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:165 Resp: 7556

Ion	Ratio	Lower	Upper
165	100		
63	35.4	23.7	35.5
89	13.2	44.0	66.0#
182	0.0	2.0	3.0#



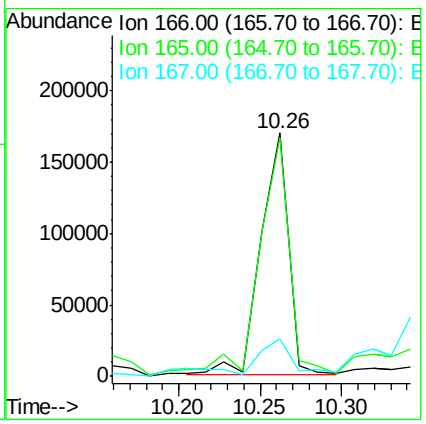


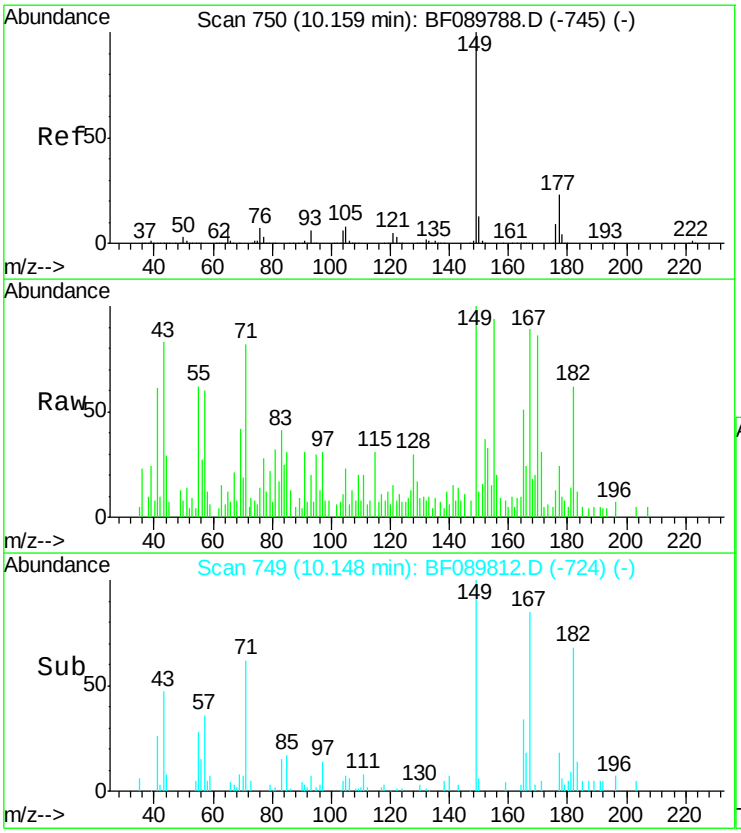
#57
Fluorene
Concen: 3.99 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:166 Resp: 198929

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.2	120.4
167	15.6	11.3	16.9

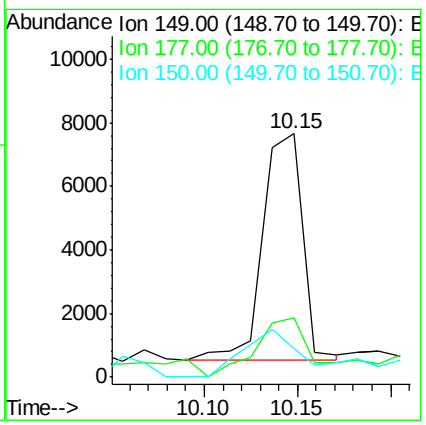


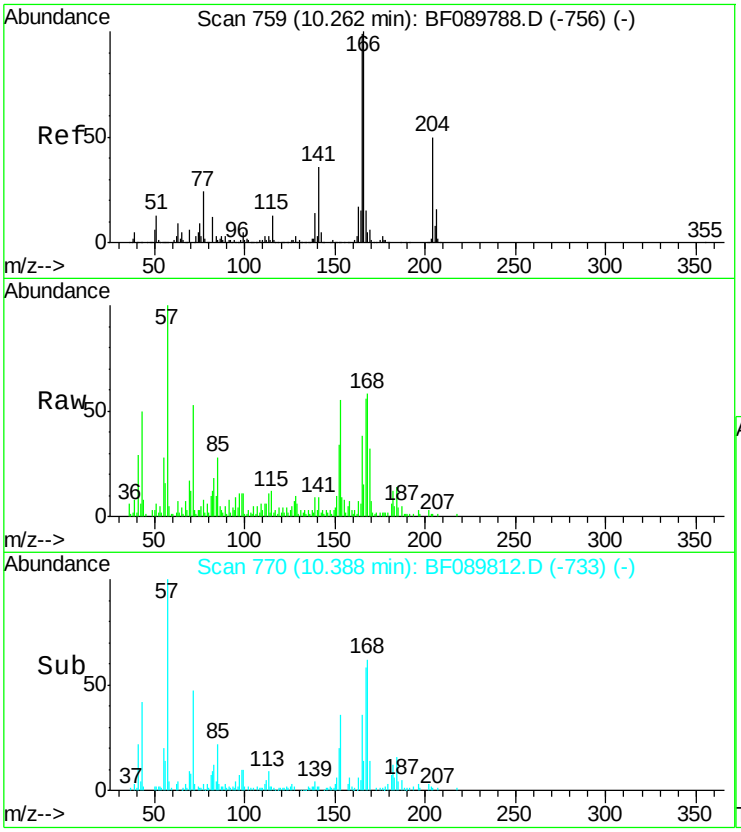


#59
Diethylphthalate
Concen: 0.18 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:149 Resp: 10581

Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.6	25.0
150	11.9	10.5	15.7



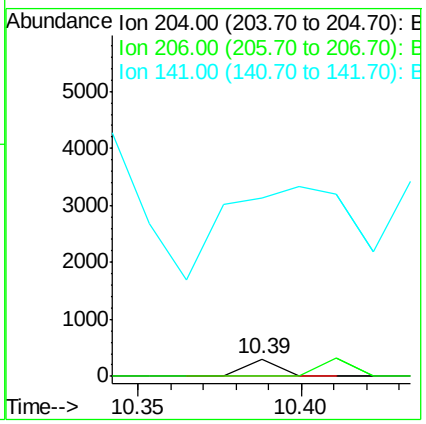


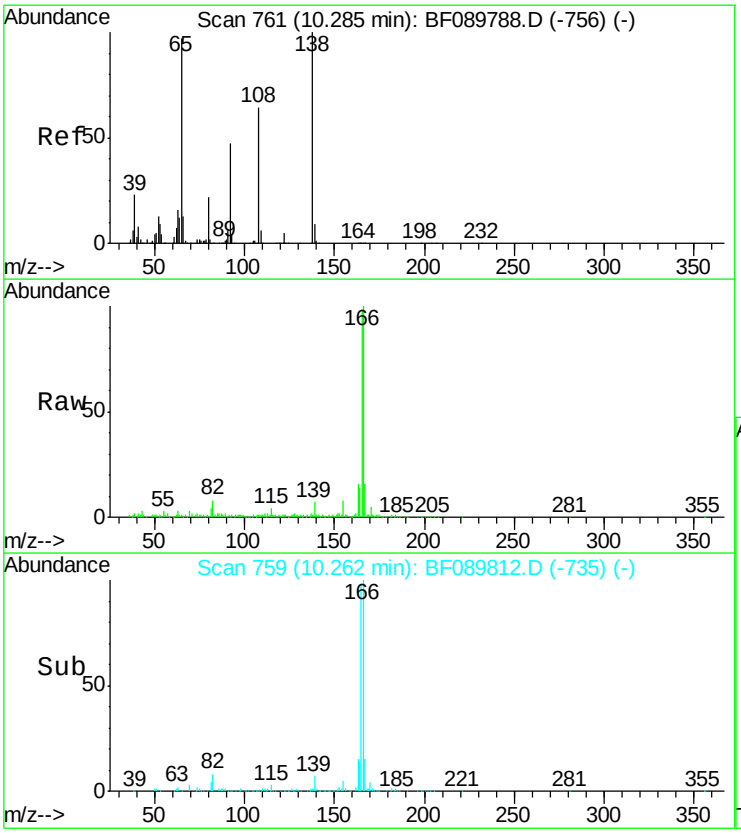
#60
4-Chlorophenyl-phenylether
Concen: 0.01 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.13 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:204 Resp: 211

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	1016.9	54.1	81.1#

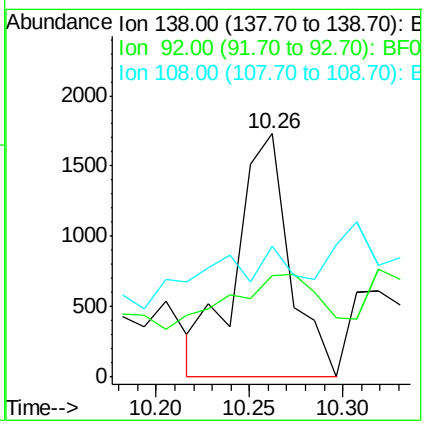


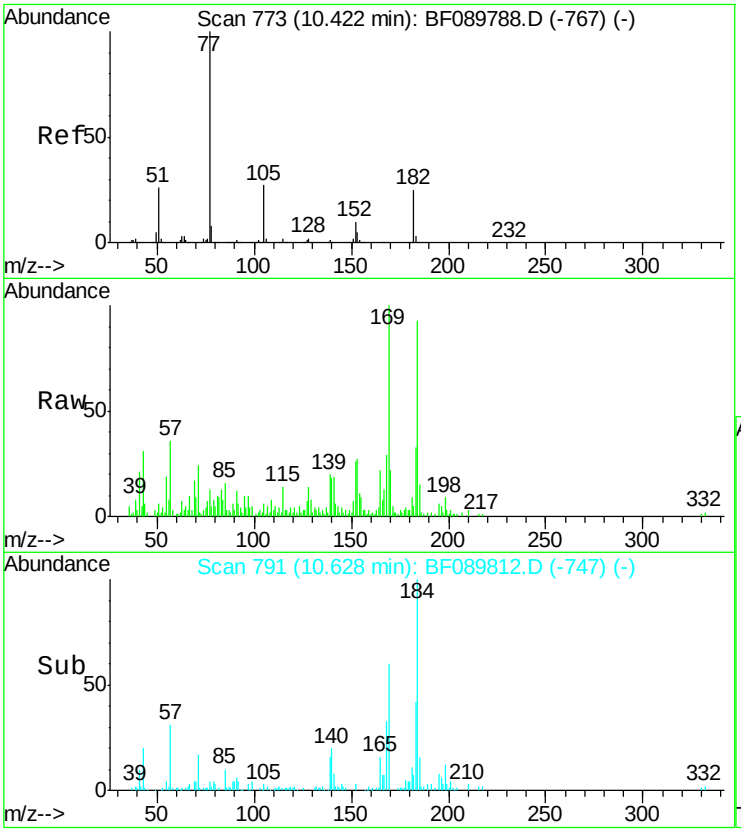


#61
4-Nitroaniline
Concen: 0.25 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:138 Resp: 3448

Ion	Ratio	Lower	Upper
138	100		
92	41.5	26.4	66.4
108	53.7	47.0	87.0



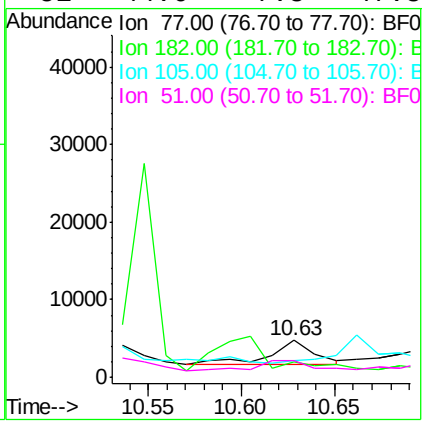


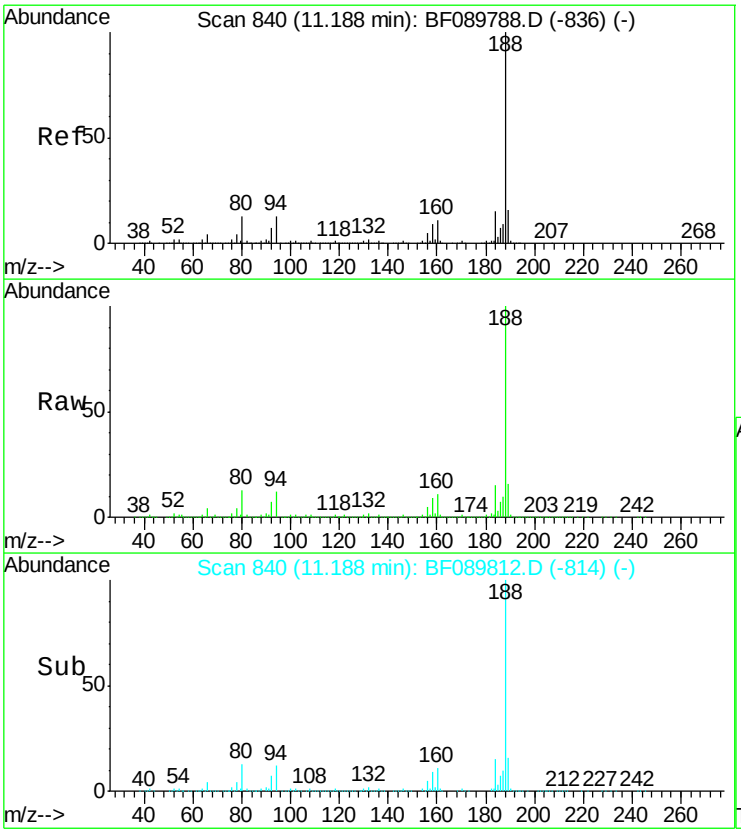
#62
Azobenzene
Concen: 0.10 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.21 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 77 Resp: 5436

Ion	Ratio	Lower	Upper
77	100		
182	40.9	5.6	45.6
105	43.8	4.0	44.0
51	44.6	7.8	47.8

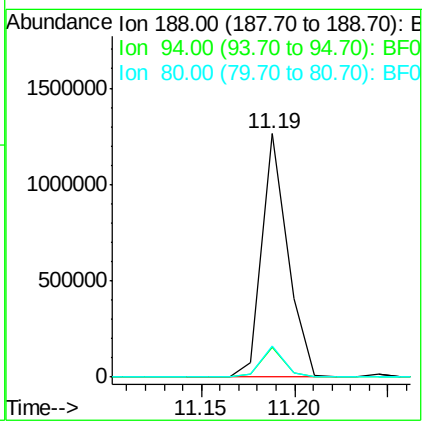


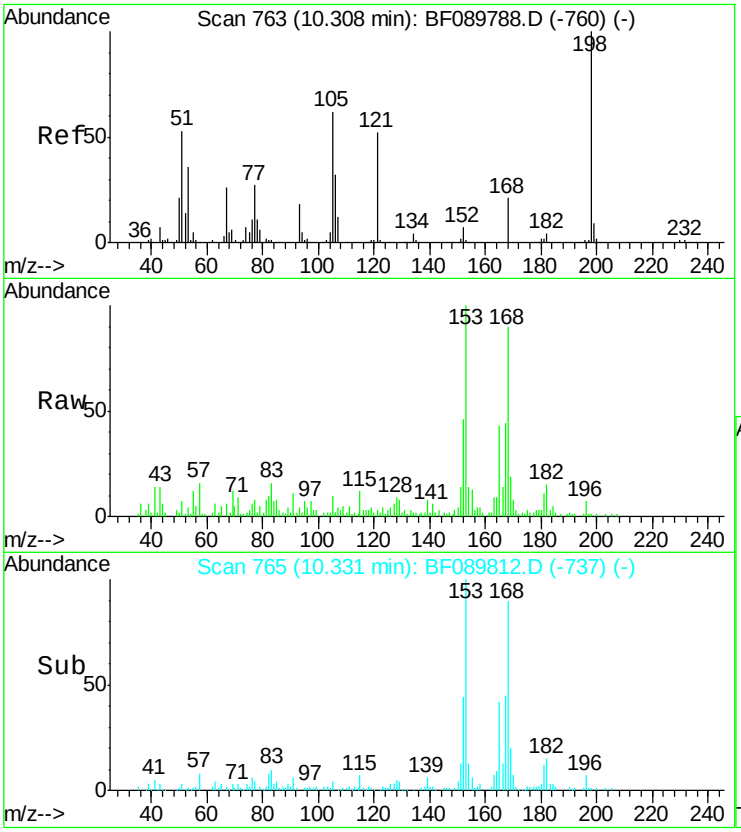


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:188 Resp: 1202701

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.2	15.2
80	12.7	10.9	16.3



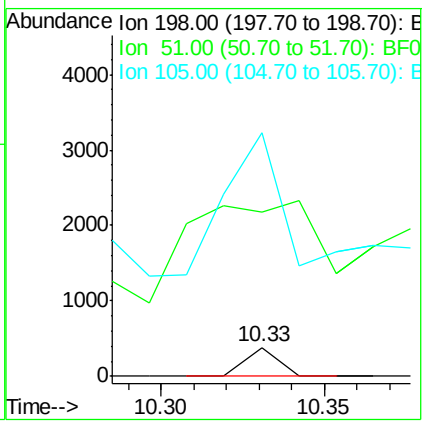


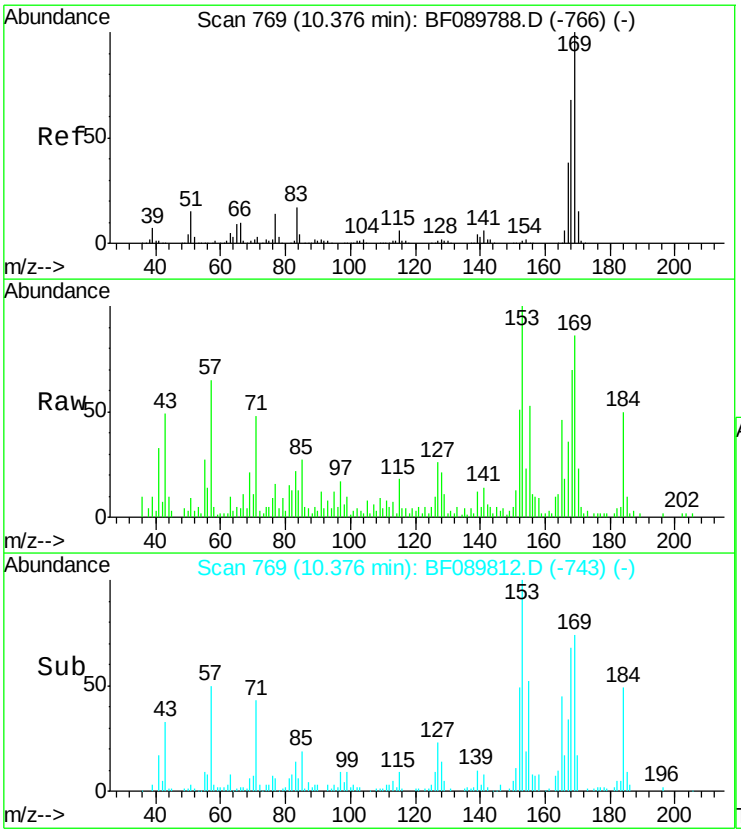
#64
4,6-Dinitro-2-methylphenol
Concen: 0.04 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:198 Resp: 261

Ion	Ratio	Lower	Upper
198	100		
51	573.9	32.3	72.3#
105	849.5	32.9	72.9#

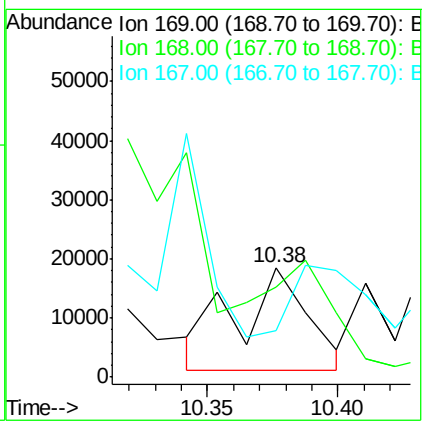


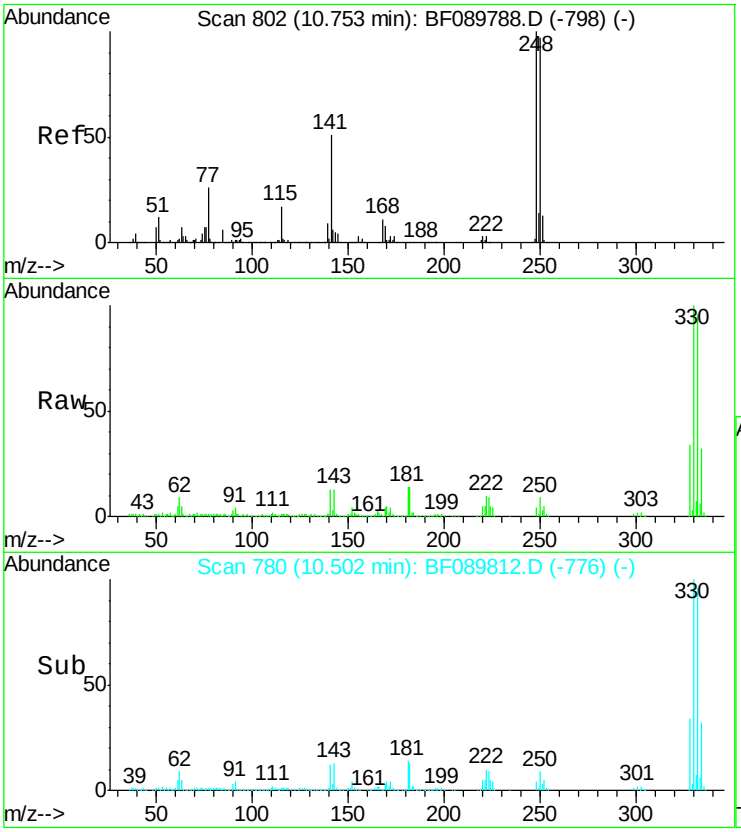


#65
n-Nitrosodiphenylamine
Concen: 0.88 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:169 Resp: 33141

Ion	Ratio	Lower	Upper
169	100		
168	81.9	54.6	82.0
167	42.2	30.6	45.8



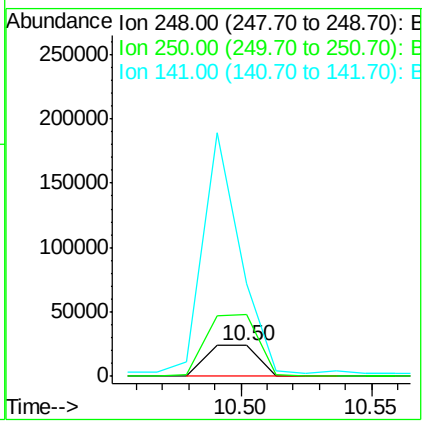


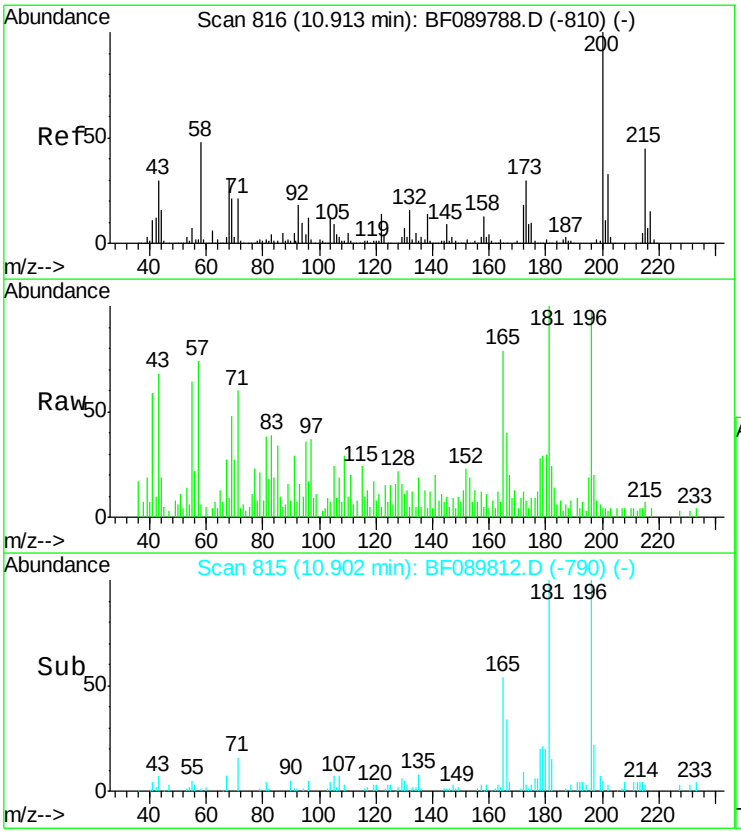
#66
4-Bromophenyl-phenylether
Concen: 2.62 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:248 Resp: 33095

Ion	Ratio	Lower	Upper
248	100		
250	198.6	78.6	117.8#
141	296.3	31.4	47.2#

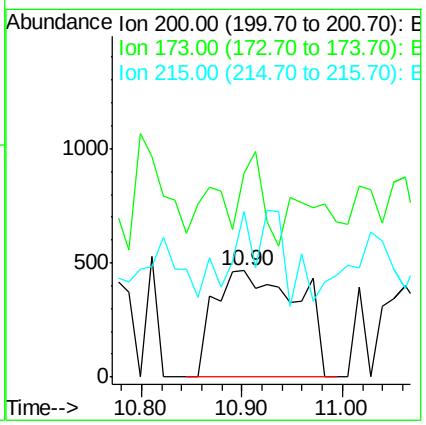


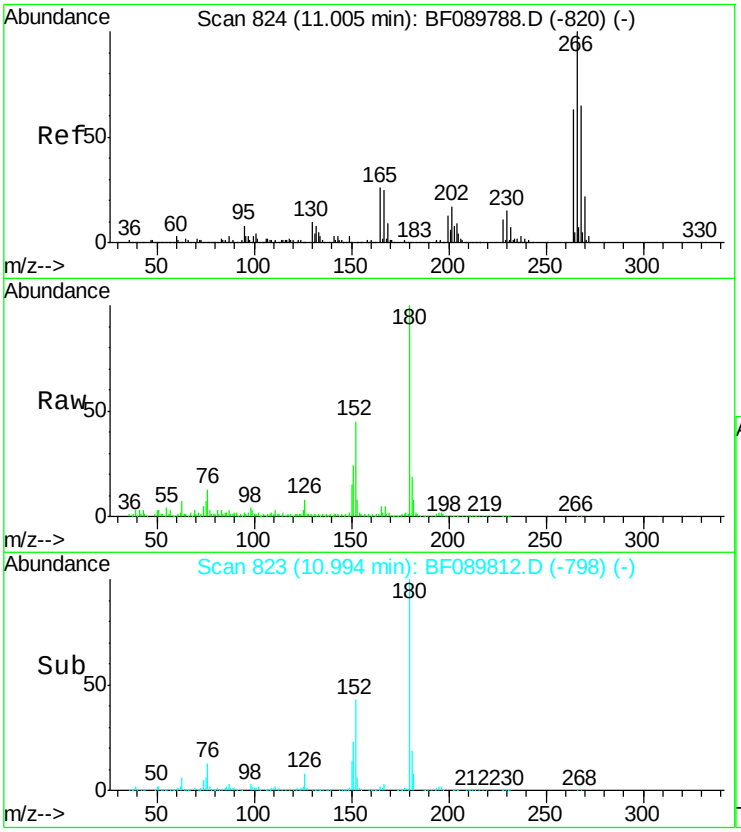


#68
Atrazine
Concen: 0.23 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:200 Resp: 2670

Ion	Ratio	Lower	Upper
200	100		
173	191.6	6.6	46.6#
215	155.9	24.7	64.7#



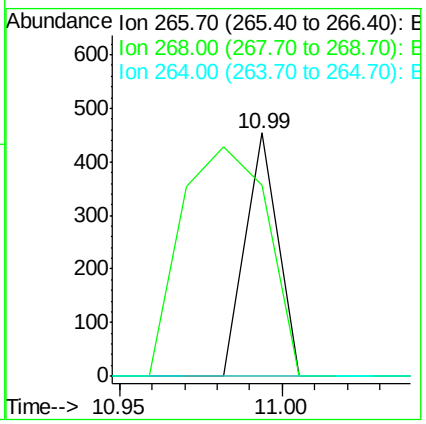


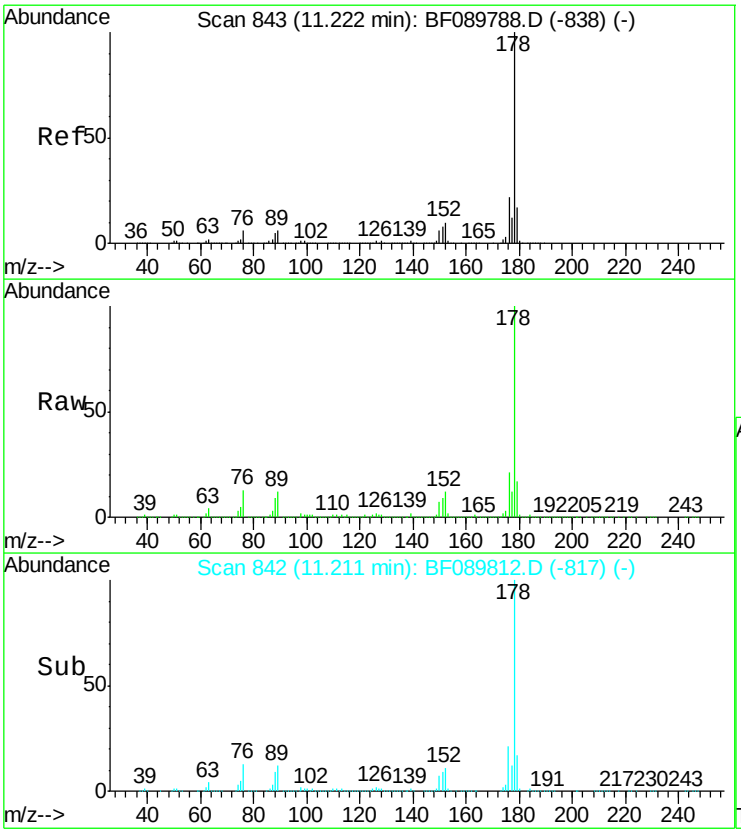
#69
Pentachlorophenol
Concen: 0.04 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:266 Resp: 311

Ion	Ratio	Lower	Upper
266	100		
268	78.4	53.2	79.8
264	0.0	51.1	76.7#

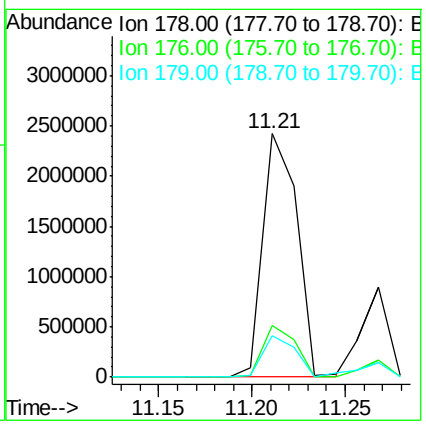


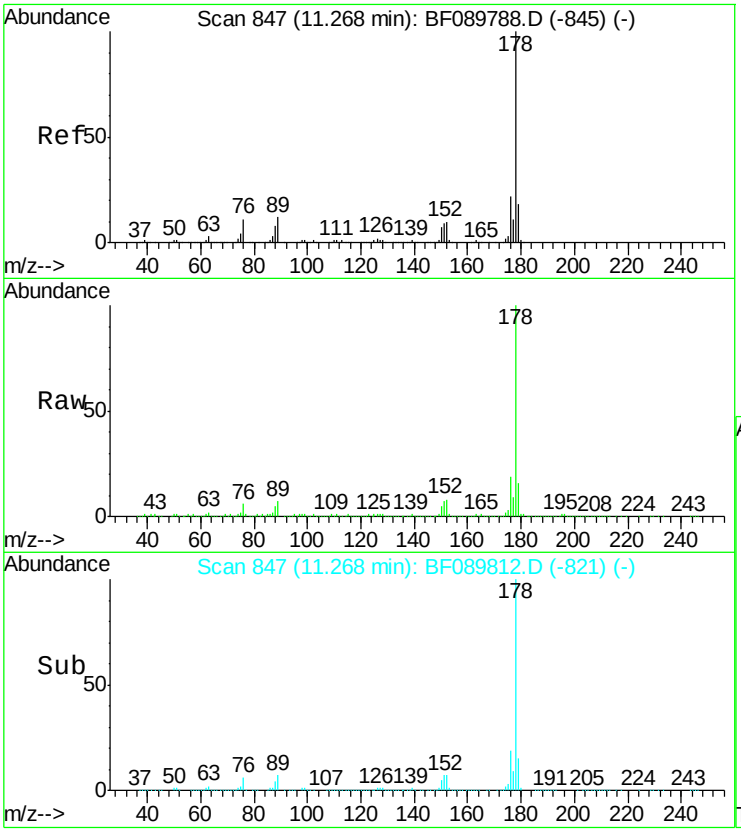


#70
Phenanthrene
Concen: 50.46 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:178 Resp: 3065276

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.8	12.5	18.7



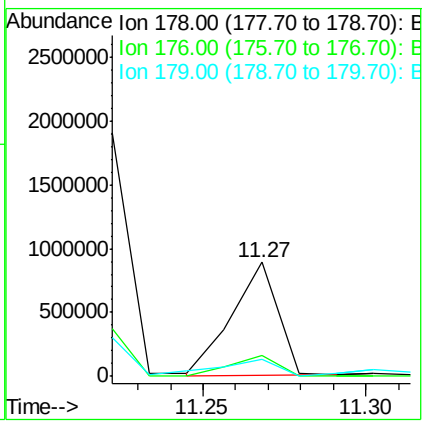


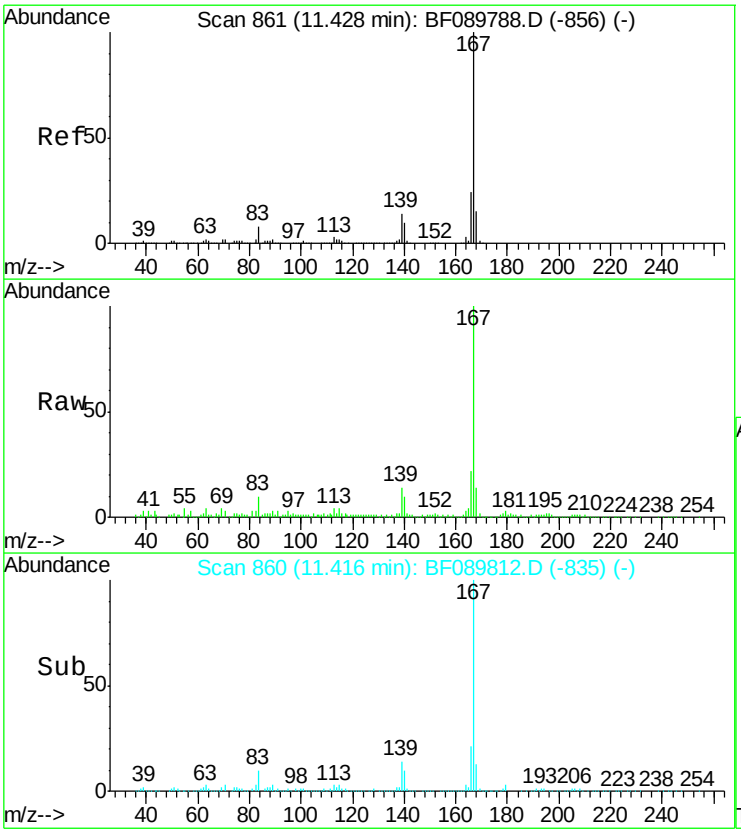
#71
Anthracene
Concen: 13.89 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:178 Resp: 857823

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	15.5	13.1	19.7

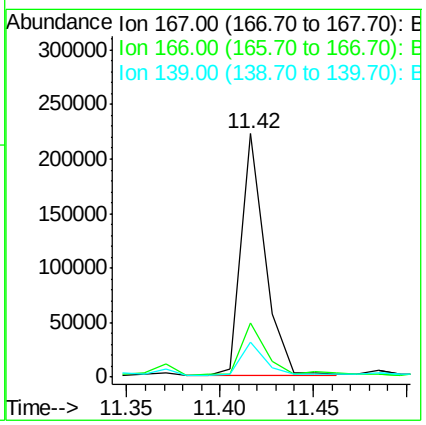


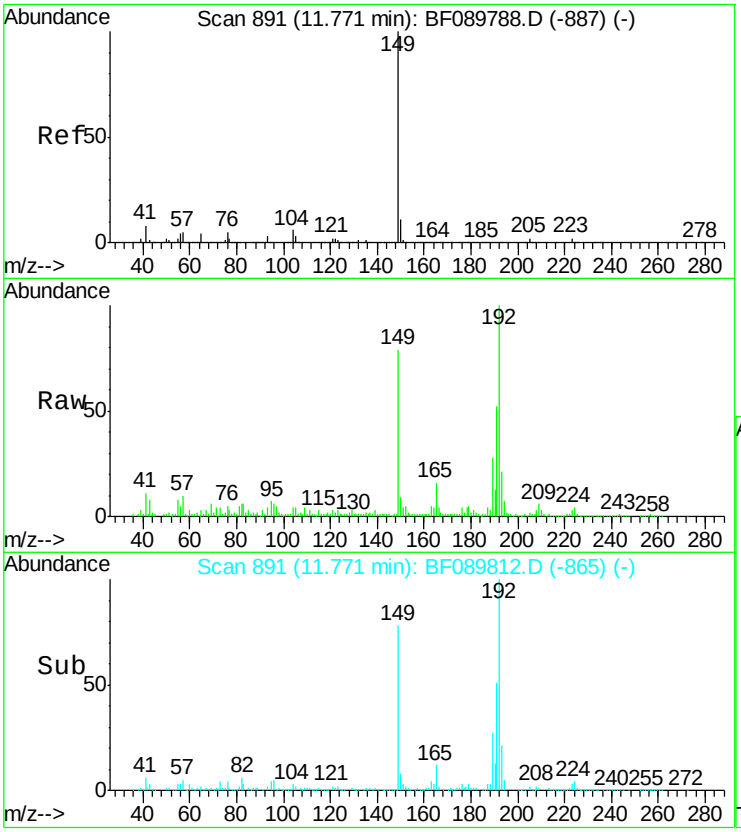


#72
Carbazole
Concen: 3.59 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:167 Resp: 198899

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	14.5	12.4	18.6



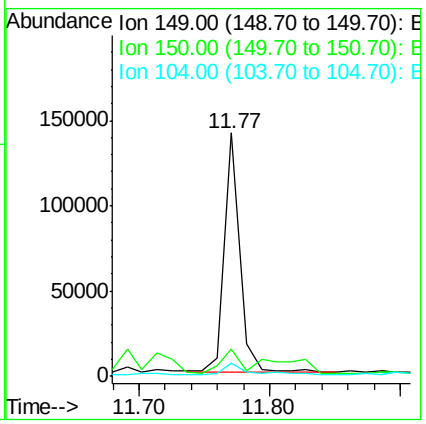


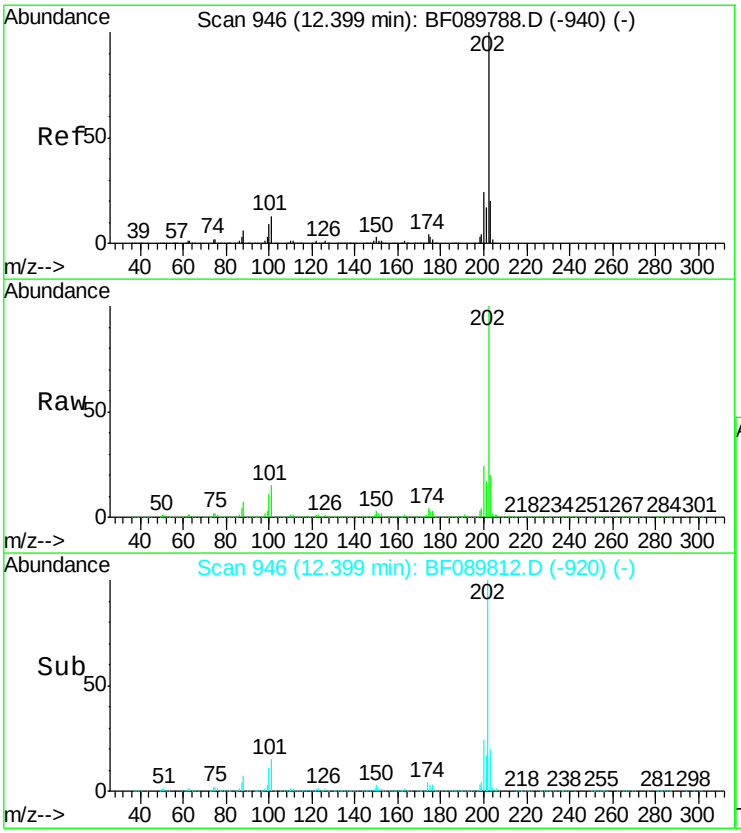
#73
Di-n-butylphthalate
Concen: 1.70 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:149 Resp: 117563

Ion	Ratio	Lower	Upper
149	100		
150	11.5	7.9	11.9
104	5.2	4.3	6.5

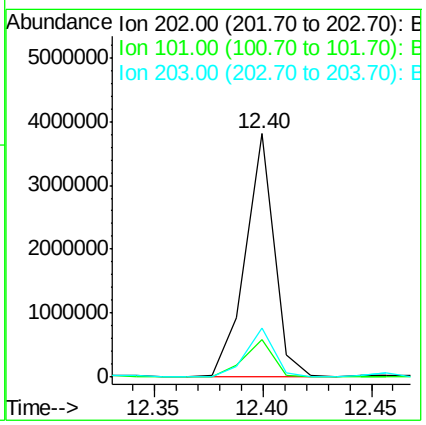


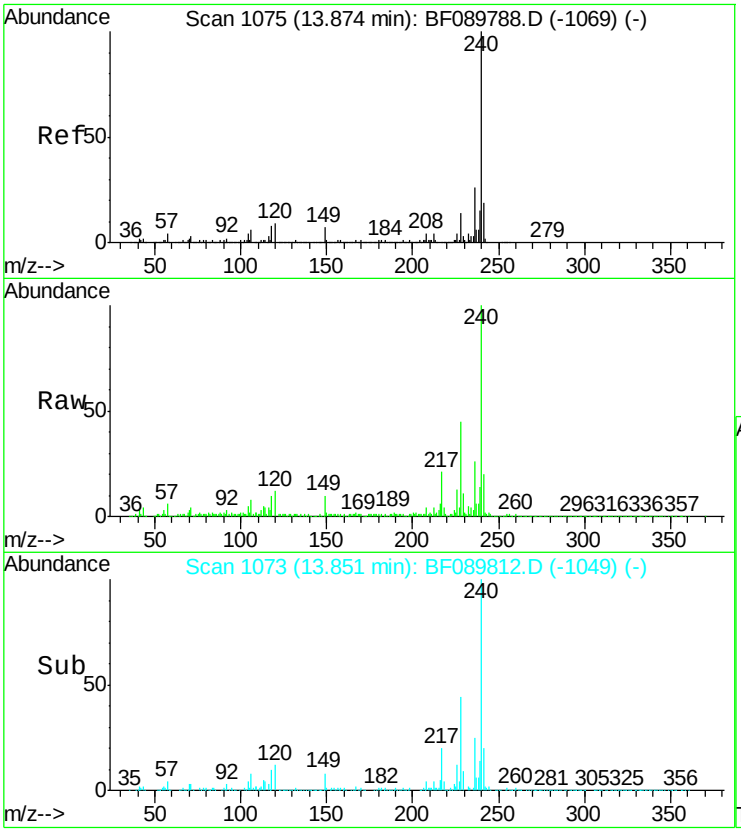


#74
Fluoranthene
Concen: 60.61 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:202 Resp: 3502106

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	31.2
203	20.0	0.0	38.1



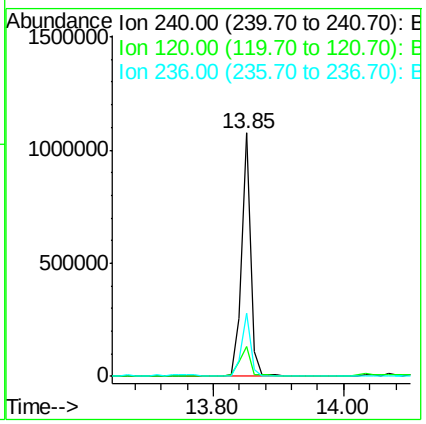


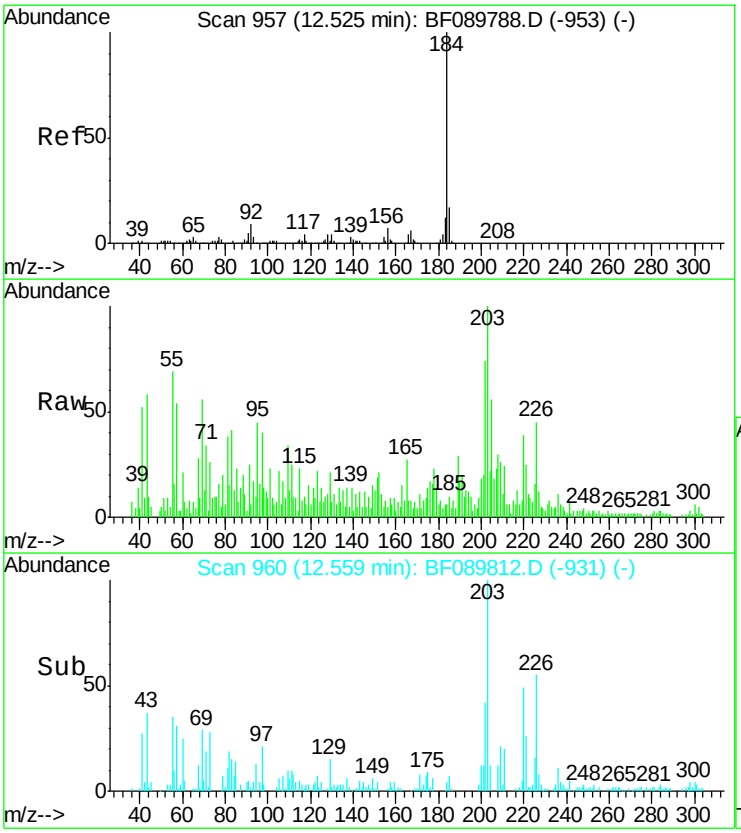
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:240 Resp: 1007957

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	26.2	21.3	31.9

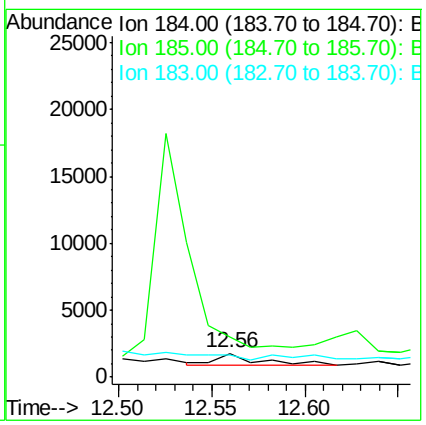


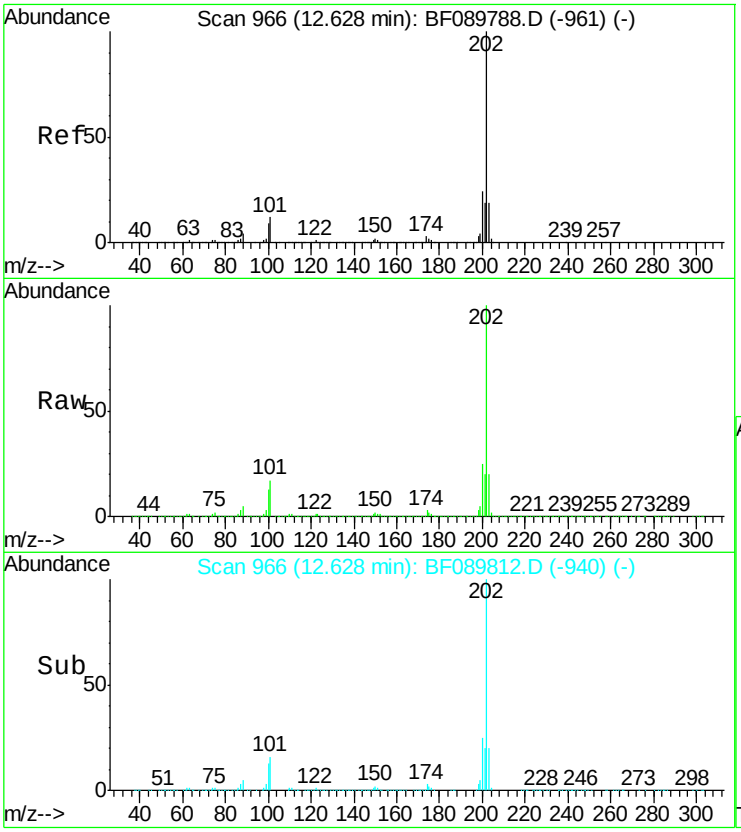


#76
Benzidine
Concen: 0.05 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.03 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:184 Resp: 1489

Ion	Ratio	Lower	Upper
184	100		
185	166.7	13.8	20.8#
183	94.1	9.7	14.5#



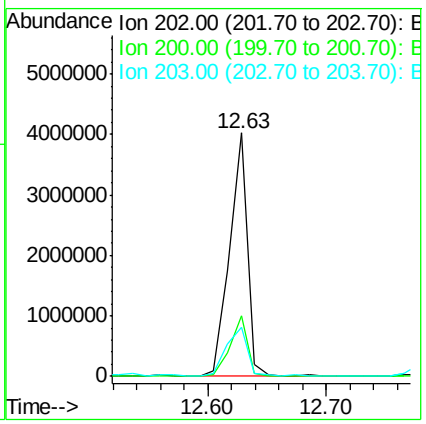


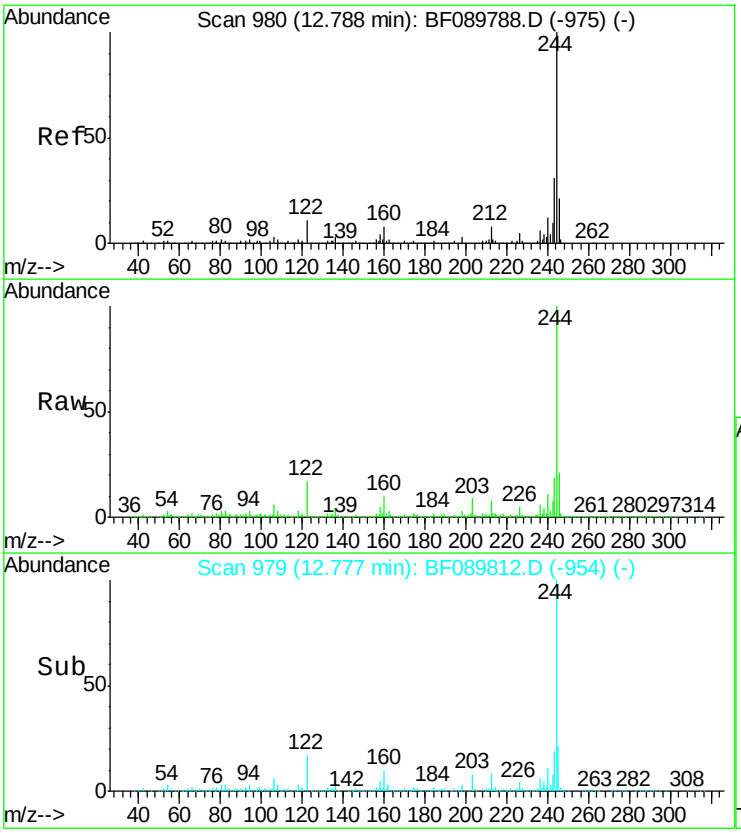
#77
Pyrene
Concen: 51.02 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:202 Resp: 4187958

Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.8	26.6
203	20.2	14.2	21.4

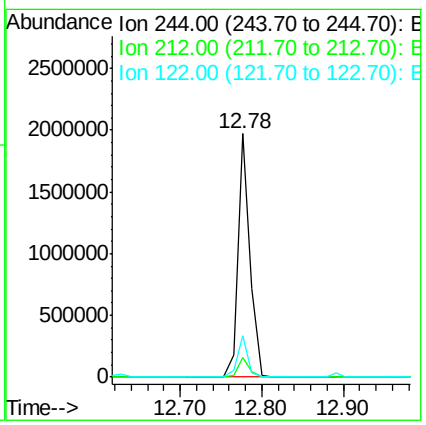


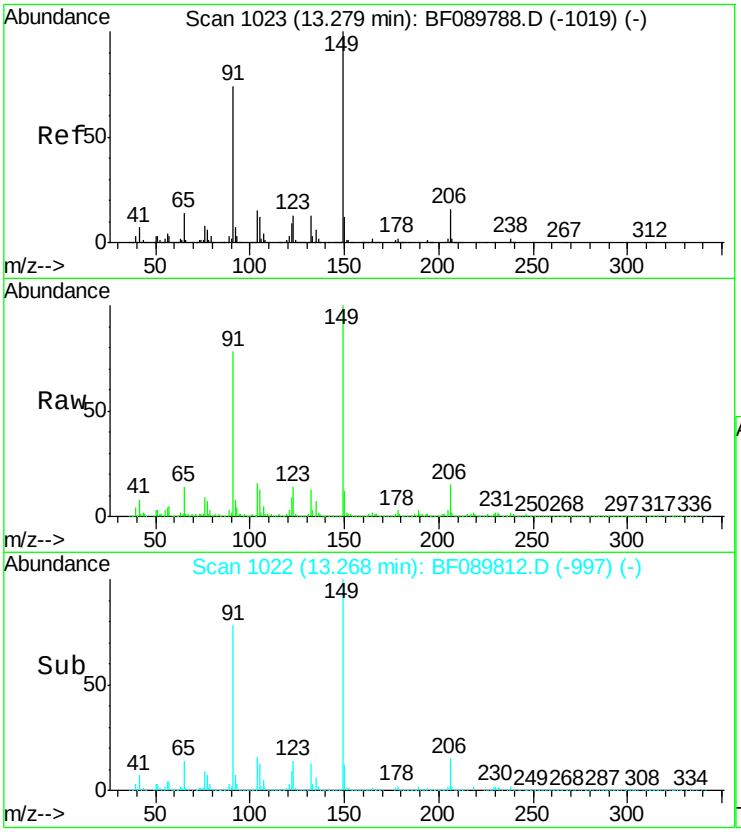


#78
Terphenyl-d14
Concen: 44.56 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:244 Resp: 1985210

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	17.0	12.0	18.0



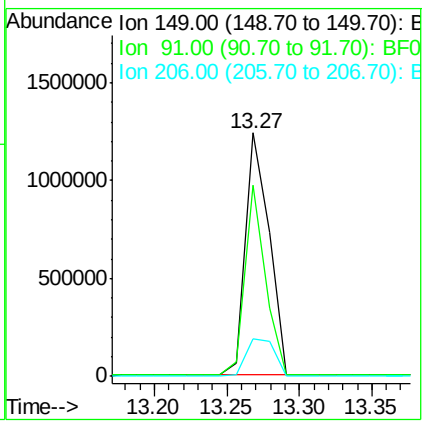


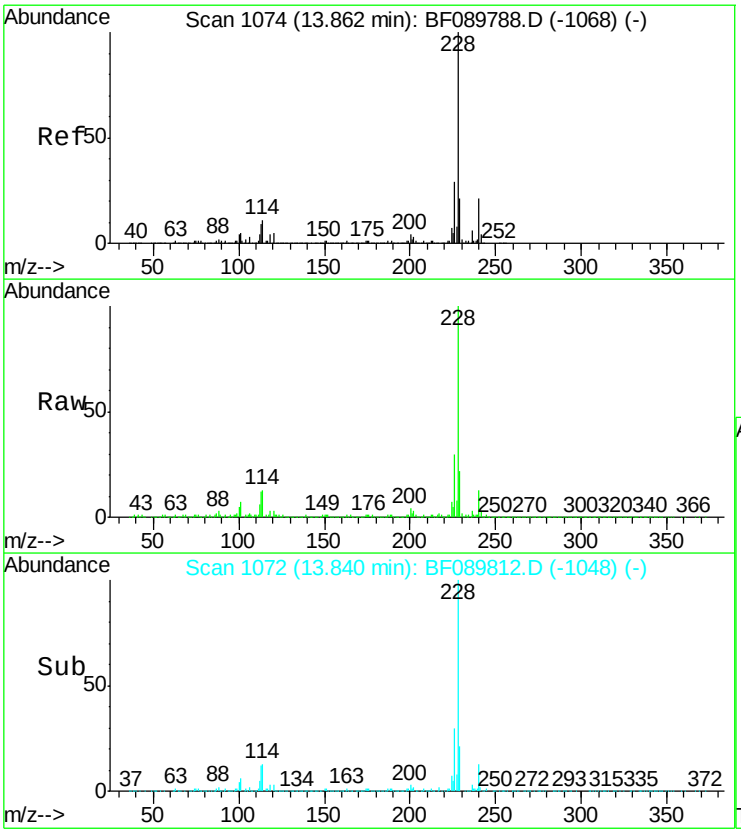
#79
Butylbenzylphthalate
Concen: 37.82 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:149 Resp: 1401962

Ion	Ratio	Lower	Upper
149	100		
91	78.5	50.7	76.1#
206	15.4	15.5	23.3#

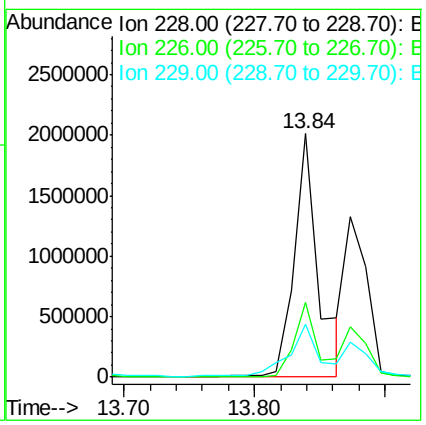


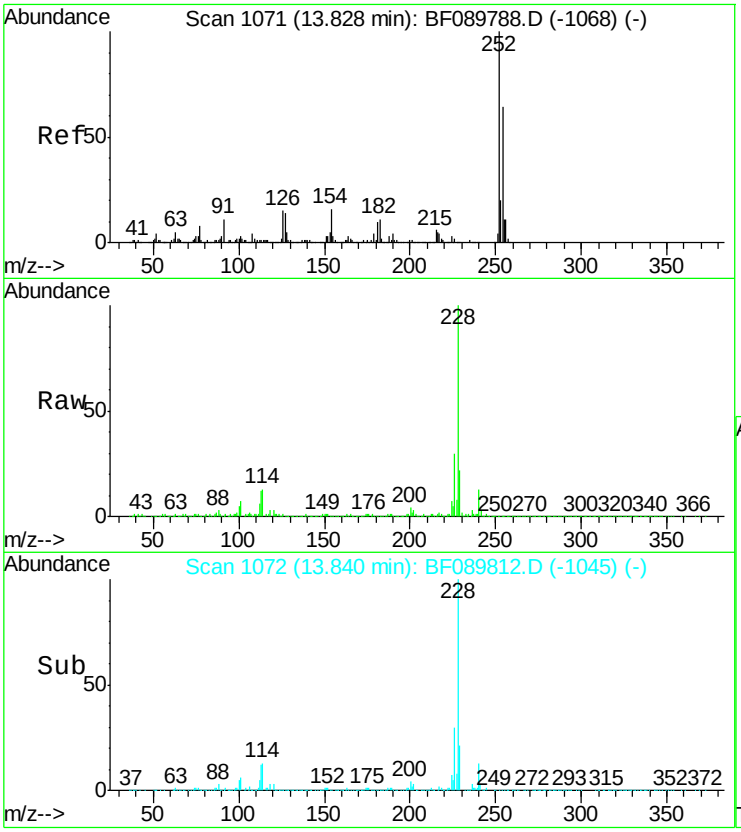


#80
Benzo(a)anthracene
Concen: 44.41 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:228 Resp: 2563400

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.2	34.8
229	21.6	16.2	24.4



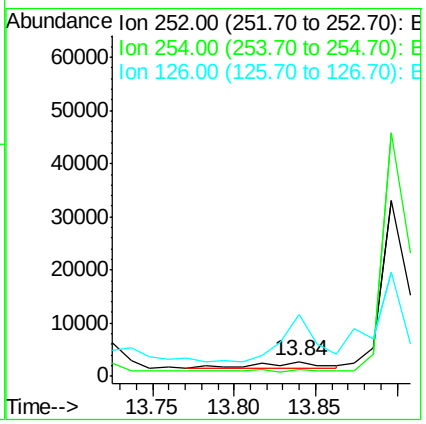


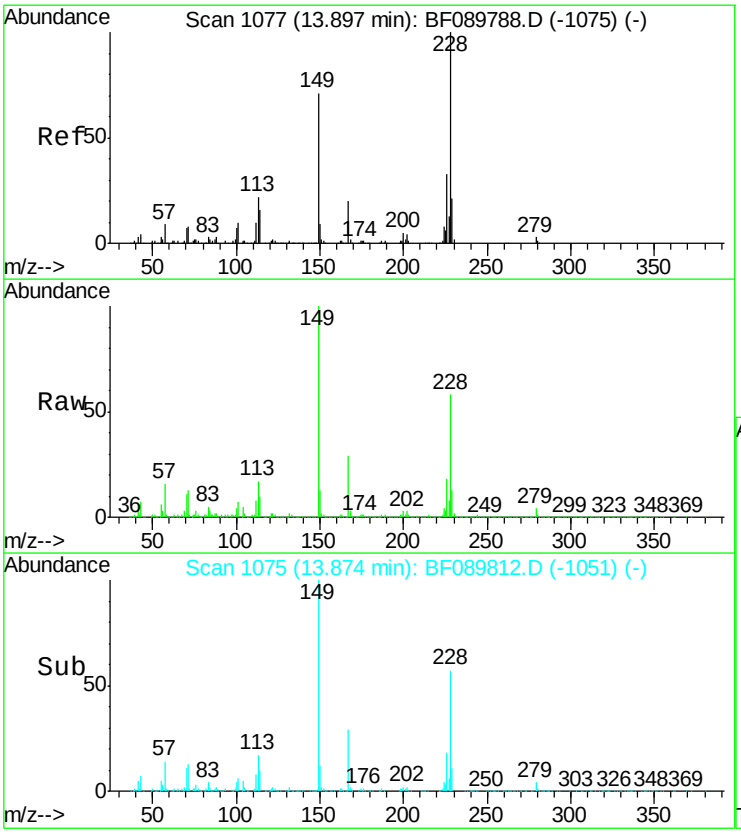
#81
3,3'-Dichlorobenzidine
Concen: 0.18 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:252 Resp: 3312

Ion	Ratio	Lower	Upper
252	100		
254	41.7	50.6	75.8#
126	412.6	12.6	18.8#

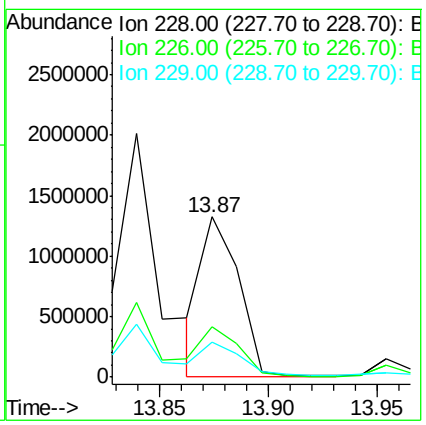


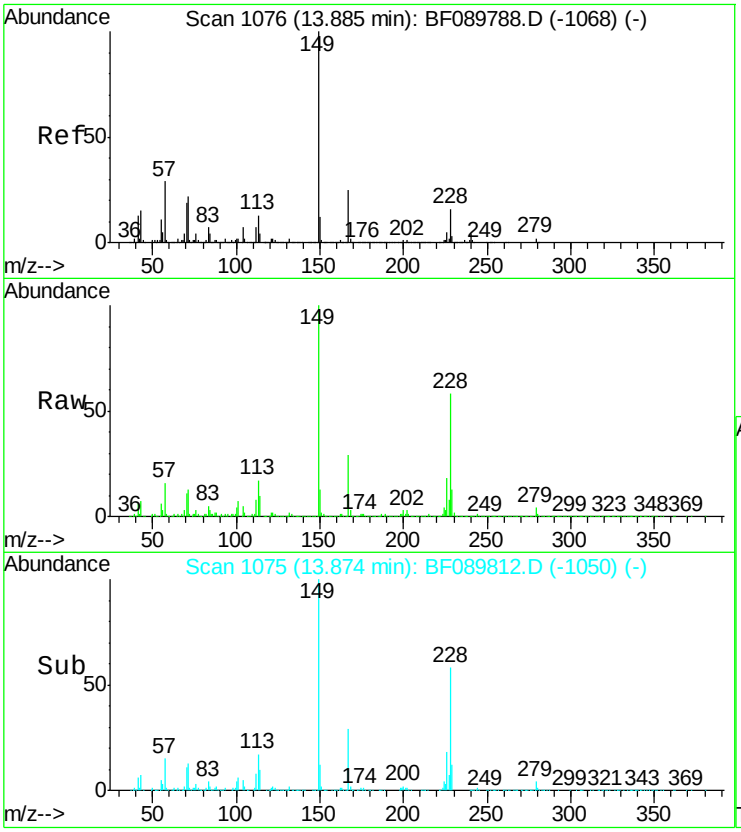


#82
Chrysene
Concen: 31.55 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:228 Resp: 1561375

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	22.2	16.5	24.7



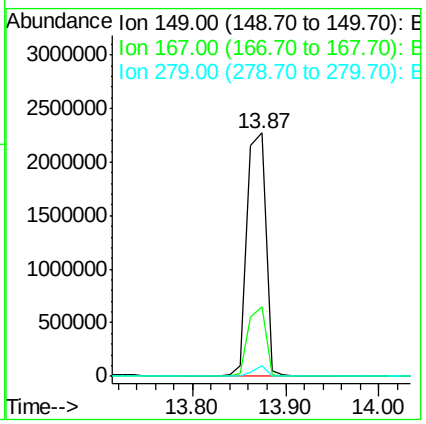


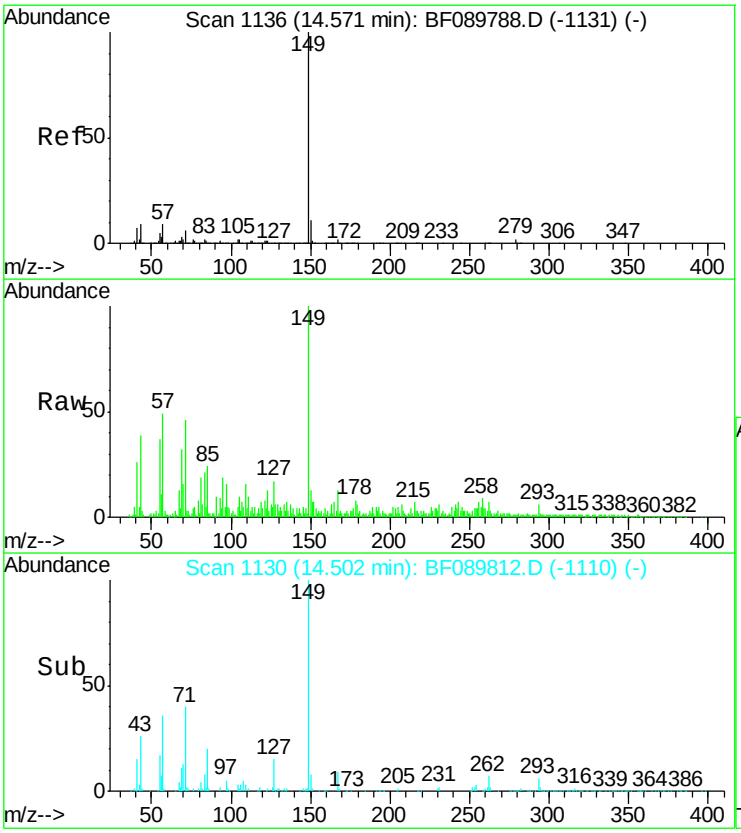
#83
Bis(2-ethylhexyl)phthalate
Concen: 61.62 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:149 Resp: 3146521

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.2	31.8
279	4.3	2.9	4.3

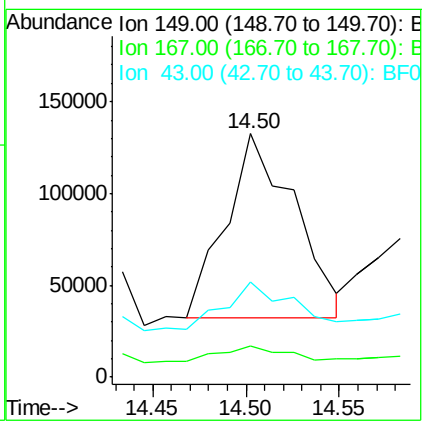


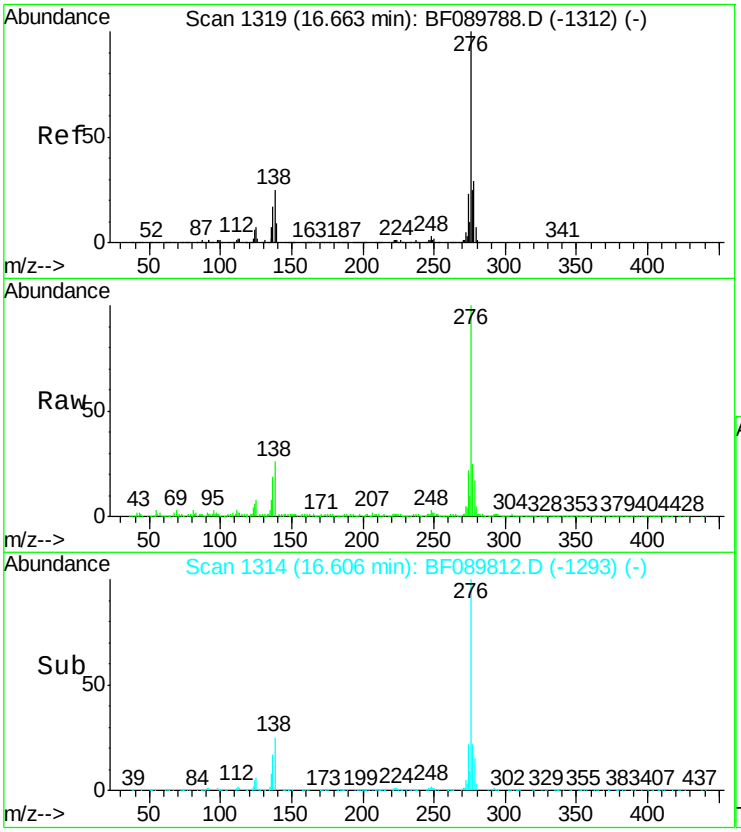


#84
Di-n-octyl phthalate
Concen: 3.81 ng
RT: 14.50 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:149 Resp: 258476

Ion	Ratio	Lower	Upper
149	100		
167	9.3	1.2	1.8#
43	24.7	8.4	12.6#



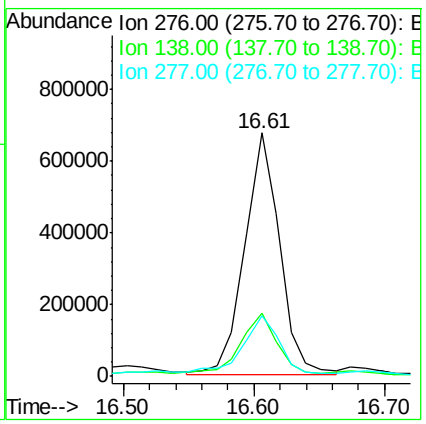


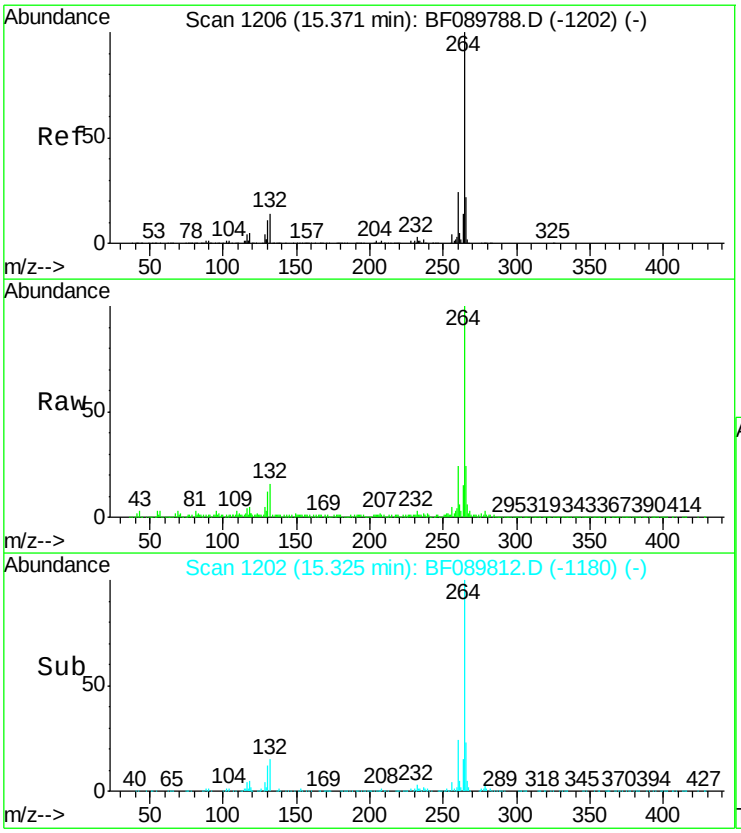
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.98 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.06 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:276 Resp: 1261816

Ion	Ratio	Lower	Upper
276	100		
138	26.5	24.6	36.8
277	28.1	20.4	30.6

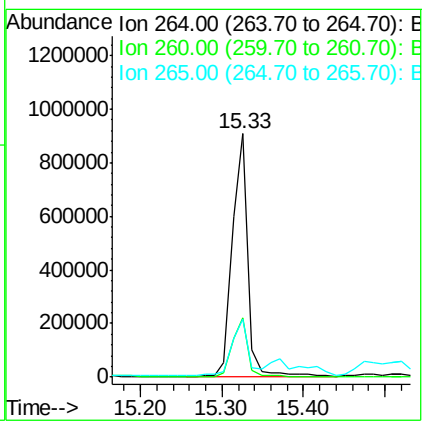


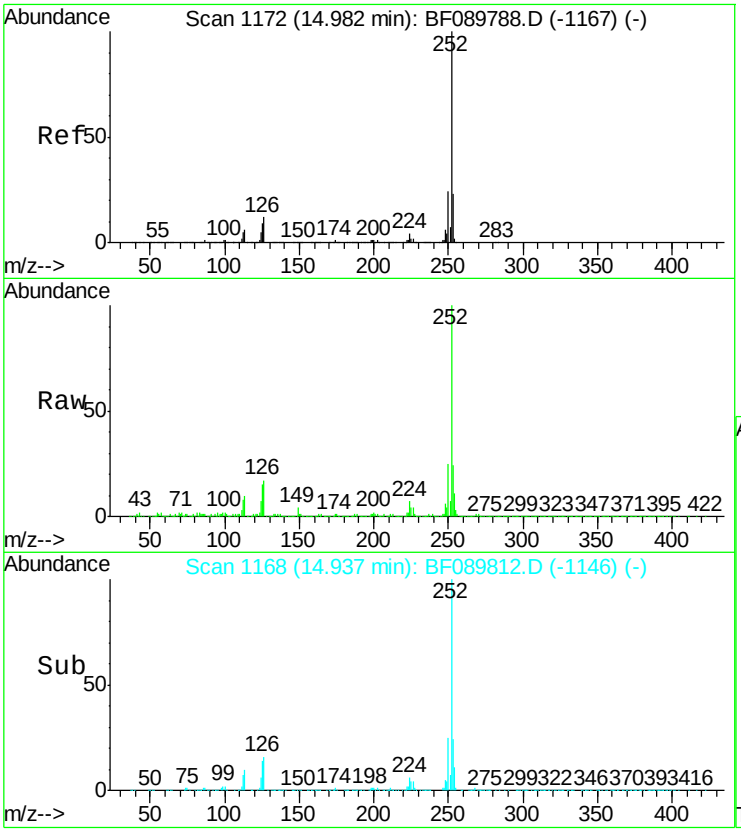


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:264 Resp: 1197167

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	23.8	17.4	26.2



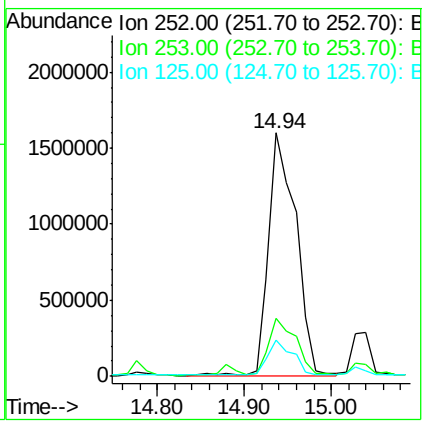


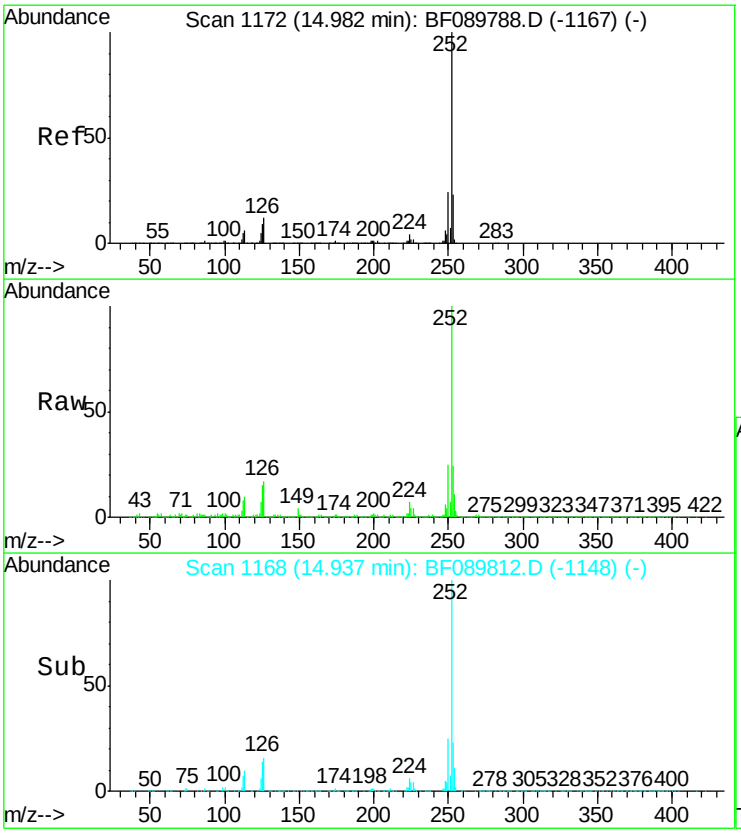
#87
Benzo(b)fluoranthene
Concen: 52.94 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:252 Resp: 3486606

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	14.7	11.4	17.2

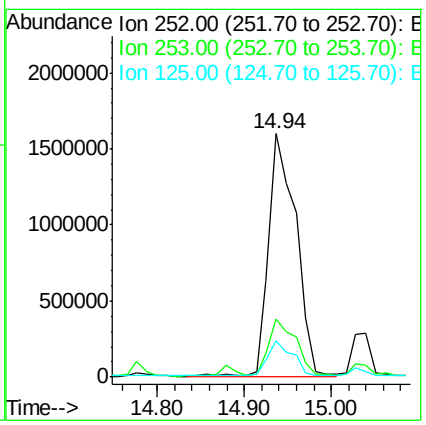


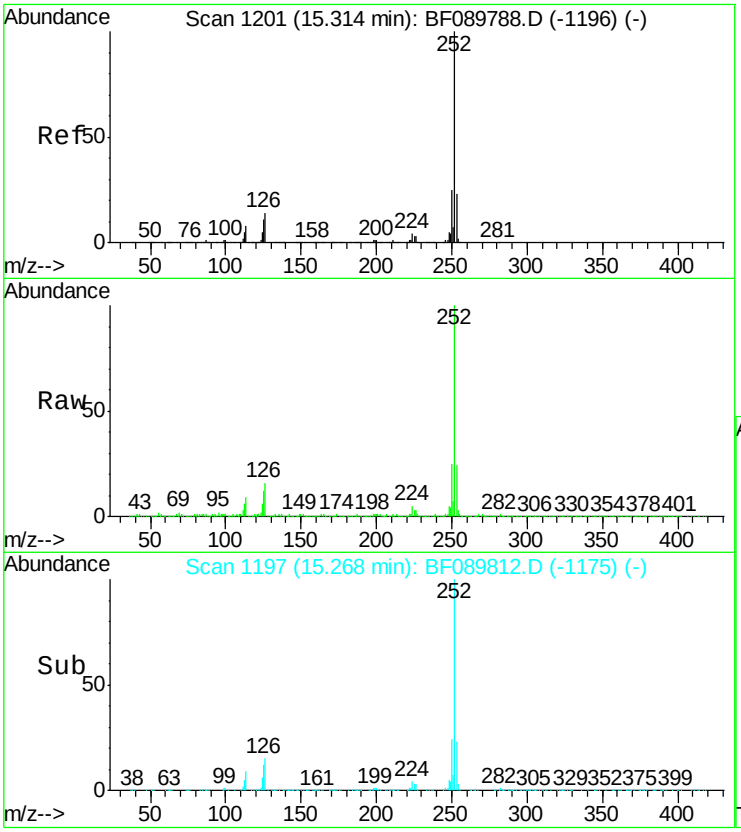


#88
Benzo(k)fluoranthene
Concen: 58.35 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:252 Resp: 3486606

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	14.7	9.8	14.6#



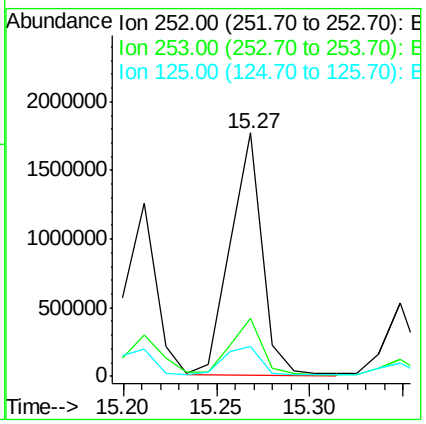


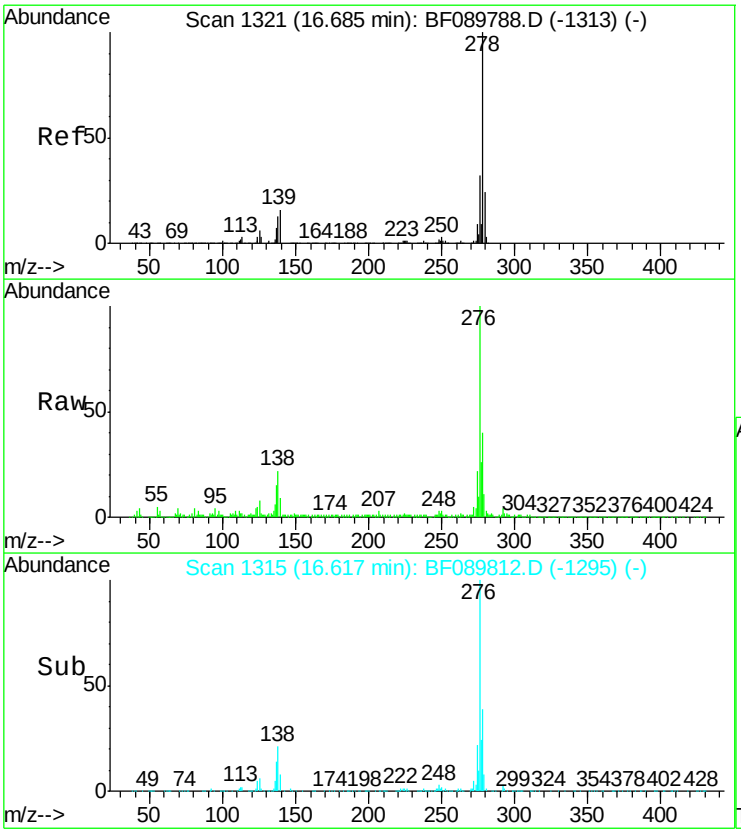
#89
Benzo(a)pyrene
Concen: 33.81 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:252 Resp: 2107498

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	12.4	11.7	17.5

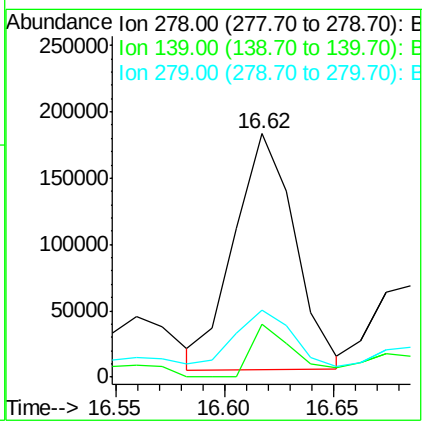


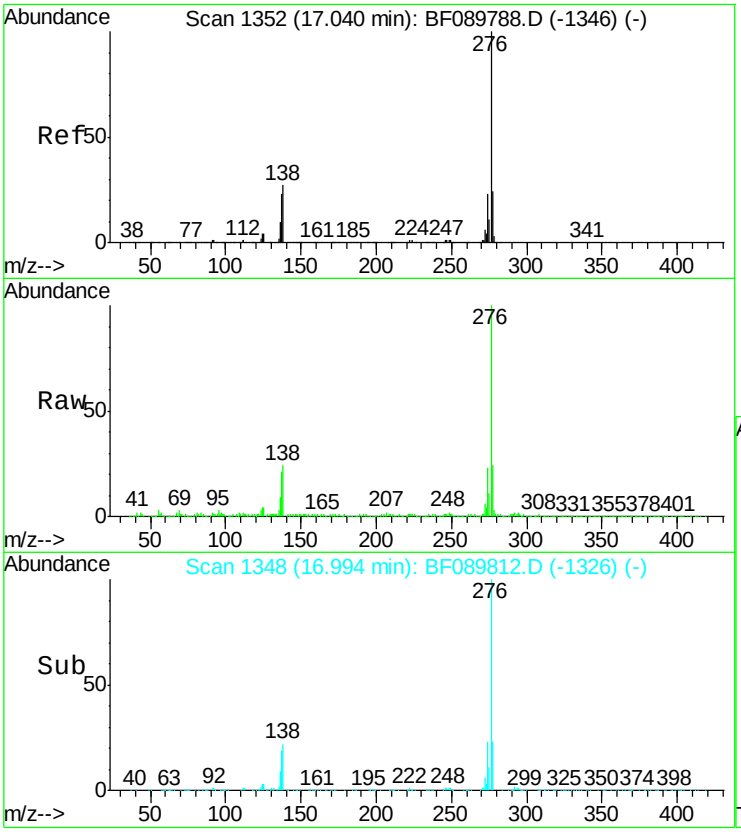


#90
Dibenzo(a,h)anthracene
Concen: 5.09 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.07 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:278 Resp: 344431

Ion	Ratio	Lower	Upper
278	100		
139	21.7	14.9	22.3
279	27.7	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 16.37 ng
RT: 16.99 min Scan# 1348
Delta R.T. -0.05 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:276 Resp: 1166545

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	23.8	22.1	33.1