

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089796.D
 Acq On : 19 Aug 2016 15:36
 Operator : UM/SJ
 Sample : PB92924BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Manual Integrations
 APPROVED

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 8/19/2016 4:51:44 PM

Quant Time: Aug 19 16:40:21 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	572522	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2257920	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1045973	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1900374	20.00	ng	0.01
75) Chrysene-d12	13.89	240	1207885	20.00	ng	0.01
86) Perylene-d12	15.36	264	1005914	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3810621	114.14	ng	0.02
7) Phenol-d6	6.33	99	4902684	119.63	ng	0.01
23) Nitrobenzene-d5	7.26	82	3087239	84.94	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	1403753	141.22	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	4795986	80.59	ng	0.00
78) Terphenyl-d14	12.79	244	4185919	78.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	570780	34.55	ng	98
3) Pyridine	2.90	79	1552534	35.83	ng	94
4) n-Nitrosodimethylamine	2.87	42	695088	43.08	ng	# 78
6) Aniline	6.34	93	1606105	29.22	ng	# 1
8) 2-Chlorophenol	6.47	128	1578135	39.53	ng	93
9) Benzaldehyde	6.23	77	467943m	17.53	ng	
10) Phenol	6.34	94	1938919	40.37	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	1705416	45.79	ng	94
12) 1,3-Dichlorobenzene	6.63	146	1787691m	42.83	ng	
13) 1,4-Dichlorobenzene	6.71	146	1818366	42.38	ng	93
14) 1,2-Dichlorobenzene	6.86	146	1633536m	40.79	ng	
15) Benzyl Alcohol	6.83	79	1164556	42.85	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2015742	42.29	ng	91
17) 2-Methylphenol	6.96	107	1442034	46.12	ng	94
18) Hexachloroethane	7.20	117	638455	41.72	ng	# 89
19) n-Nitroso-di-n-propylamine	7.12	70	1209775	46.16	ng	# 88
20) 3+4-Methylphenols	7.11	107	1532942	39.98	ng	# 73
22) Acetophenone	7.11	105	2057904	39.69	ng	# 90
24) Nitrobenzene	7.28	77	1742903	42.74	ng	# 78
25) Isophorone	7.52	82	3176364	43.33	ng	# 93
26) 2-Nitrophenol	7.59	139	842958	41.43	ng	# 82
27) 2,4-Dimethylphenol	7.63	122	1516069	41.35	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	2132872	47.03	ng	96
29) 2,4-Dichlorophenol	7.83	162	1338991	43.52	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1472743	43.27	ng	95
31) Naphthalene	8.00	128	4629980	43.87	ng	99
32) Benzoic acid	7.77	122	1067732	37.37	ng	95
33) 4-Chloroaniline	8.04	127	906002	19.81	ng	# 95
34) Hexachlorobutadiene	8.12	225	753381	42.27	ng	97
35) Caprolactam	8.42	113	441679m	47.14	ng	
36) 4-Chloro-3-methylphenol	8.54	107	1553616	46.62	ng	99
37) 2-Methylnaphthalene	8.68	142	3092515	45.30	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1150642	33.97	ng	96
40) Hexachlorocyclopentadiene	8.84	237	1213720	103.21	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	973822	45.70	ng	99
43) 2,4,5-Trichlorophenol	9.00	196	1007581	47.54	ng	98
45) 1,1'-Biphenyl	9.15	154	3426324	42.33	ng	95
46) 2-Chloronaphthalene	9.16	162	2821747	44.10	ng	100
47) 2-Nitroaniline	9.27	65	996115	54.58	ng	# 83
48) Acenaphthylene	9.59	152	4560092	47.43	ng	99
49) Dimethylphthalate	9.46	163	3491653	47.41	ng	98
50) 2,6-Dinitrotoluene	9.52	165	769562	45.26	ng	# 60
51) Acenaphthene	9.76	154	3343870	52.55	ng	99
52) 3-Nitroaniline	9.67	138	488063	25.91	ng	94
53) 2,4-Dinitrophenol	9.78	184	827880	81.80	ng	93
54) Dibenzofuran	9.93	168	4173321	52.21	ng	95
55) 4-Nitrophenol	9.85	139	1512938	98.39	ng	# 72
56) 2,4-Dinitrotoluene	9.92	165	1056462	47.89	ng	91
57) Fluorene	10.26	166	2938301	46.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	820487	53.19	ng	99
59) Diethylphthalate	10.16	149	3296165	44.06	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	1192438	41.04	ng	94
61) 4-Nitroaniline	10.30	138	883214	50.01	ng	88
62) Azobenzene	10.42	77	3431848	48.79	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	552202	50.57	ng	# 76
65) n-Nitrosodiphenylamine	10.39	169	2871759	48.06	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	902657	45.30	ng	# 85
67) Hexachlorobenzene	10.81	284	946993	41.66	ng	# 84
68) Atrazine	10.91	200	797329	43.57	ng	97
69) Pentachlorophenol	11.00	266	1097703	85.20	ng	98
70) Phenanthrene	11.22	178	4361085	45.44	ng	94
71) Anthracene	11.27	178	4073362	41.75	ng	98
72) Carbazole	11.43	167	4039343	46.16	ng	97
73) Di-n-butylphthalate	11.78	149	4894243	44.70	ng	# 98
74) Fluoranthene	12.40	202	3796925	41.59	ng	92
76) Benzidine	12.53	184	1320917	33.79	ng	98
77) Pyrene	12.63	202	3827450	38.91	ng	95
79) Butylbenzylphthalate	13.29	149	2226795	50.13	ng	99
80) Benzo(a)anthracene	13.86	228	3232480	46.73	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	773180	34.09	ng	# 95
82) Chrysene	13.91	228	2577666	43.47	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	2694963	44.04	ng	# 99
84) Di-n-octyl phthalate	14.58	149	4274899	52.57	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.65	276	3042310	40.21	ng	99
87) Benzo(b)fluoranthene	14.98	252	2910996m	52.60	ng	
88) Benzo(k)fluoranthene	15.01	252	2042560m	40.68	ng	
89) Benzo(a)pyrene	15.30	252	2370977	45.26	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	2527285	44.45	ng	97
91) Benzo(g,h,i)perylene	17.04	276	2597413	43.39	ng	98

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

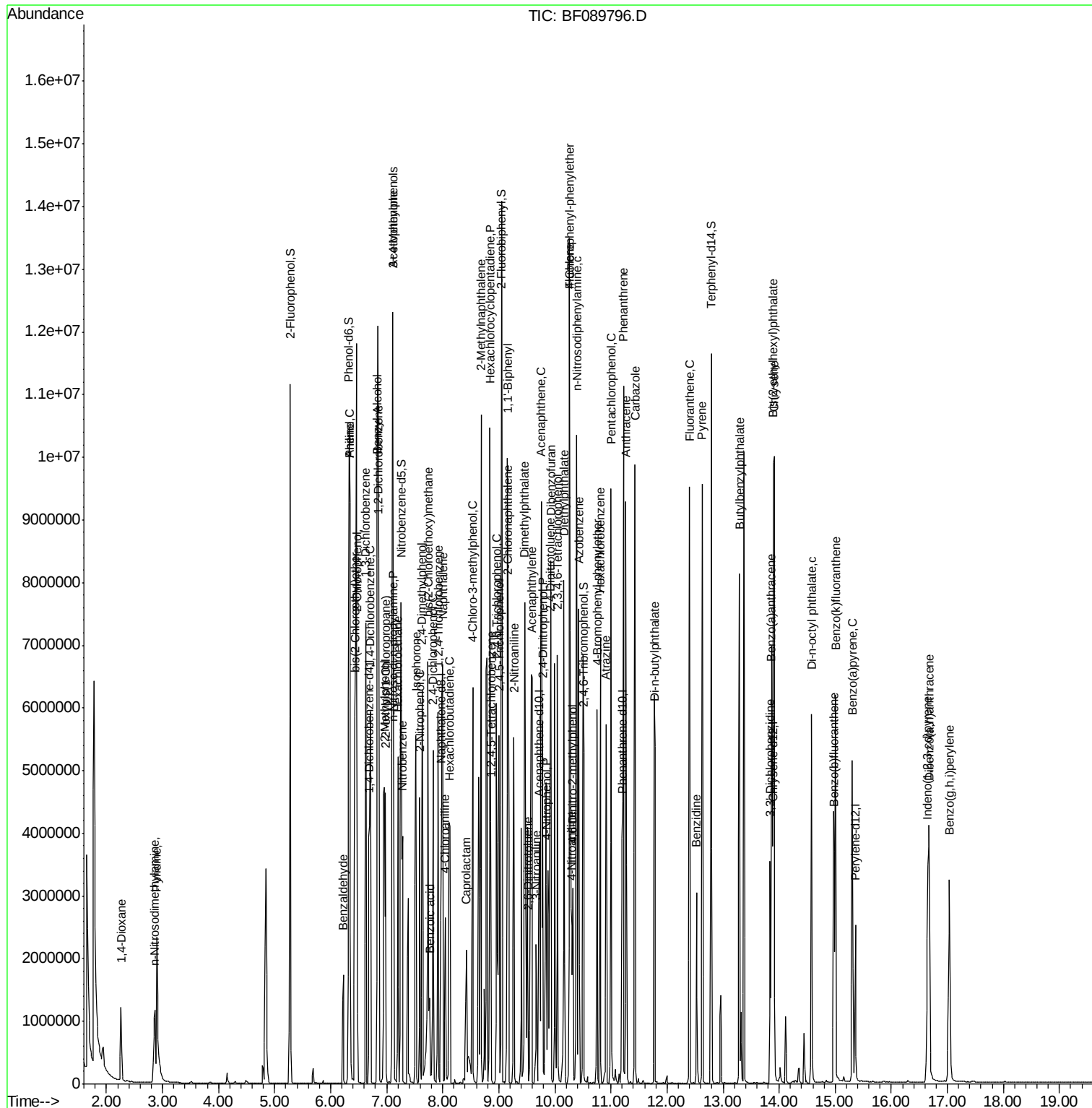
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ALS Vial  : 12      Sample Multiplier: 1
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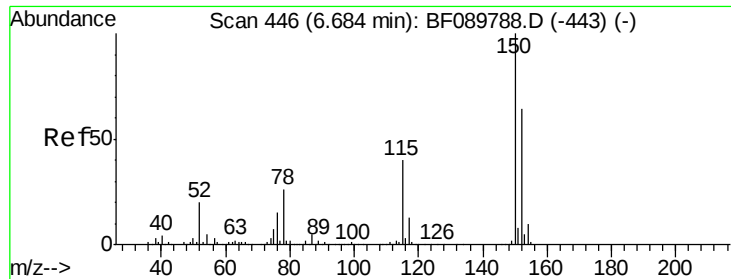
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

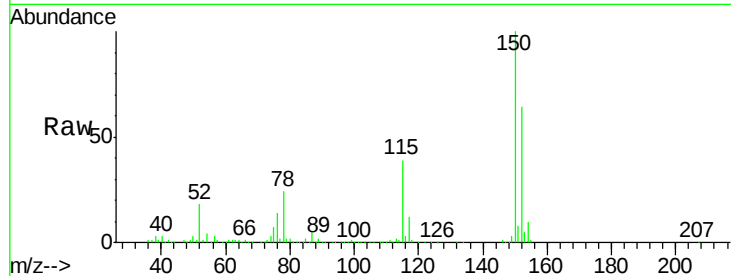
ClientSampleId :

PB92924BS

Tgt Ion	Ratio	Resp	Lower	Upper
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150	156.5	125.3	187.9	
115	61.5	40.9	61.3#	

Manual Integrations
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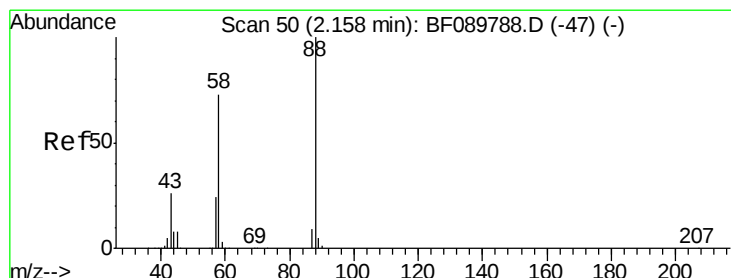
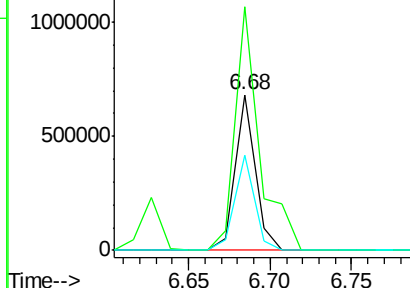
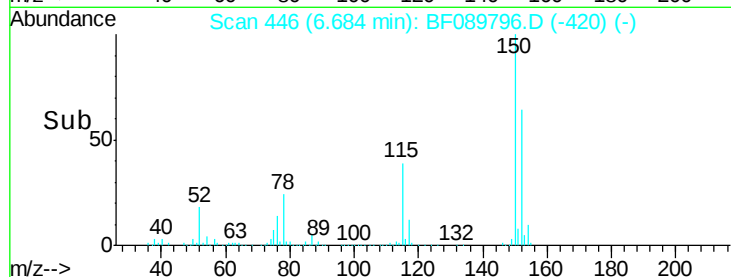
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.55 ng

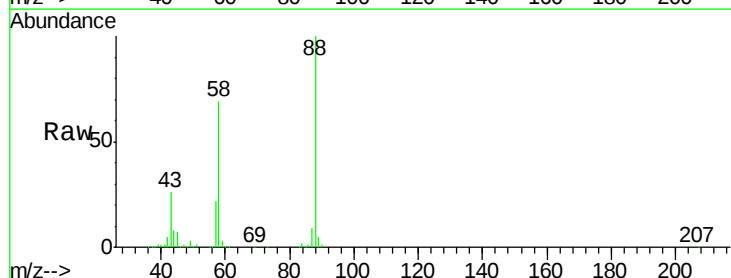
RT: 2.26 min Scan# 59

Delta R.T. 0.10 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

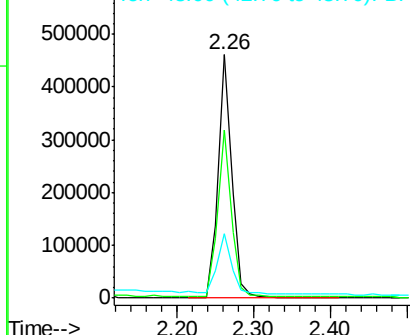
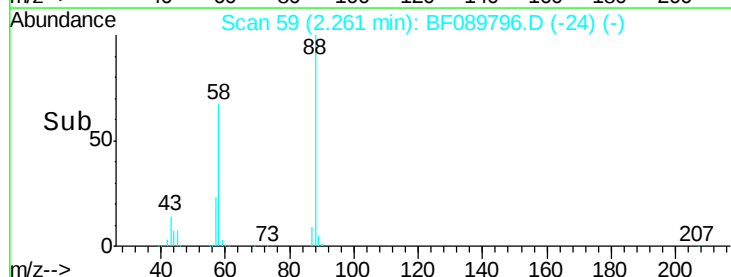
Tgt Ion	Ratio	Resp	Lower	Upper
88	100	570780		
58	69.0	57.0	85.4	
43	27.4	21.8	32.8	

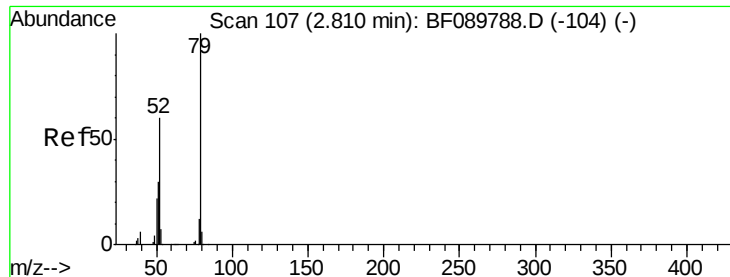


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.83 ng

RT: 2.90 min Scan# 115

Delta R.T. 0.09 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion: 79 Resp: 1552534

Ion Ratio Lower Upper

79 100

52 61.7 53.6 80.4

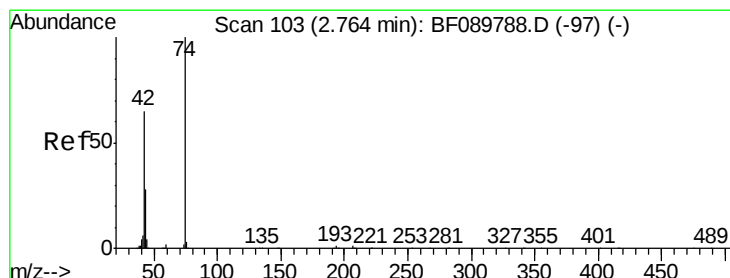
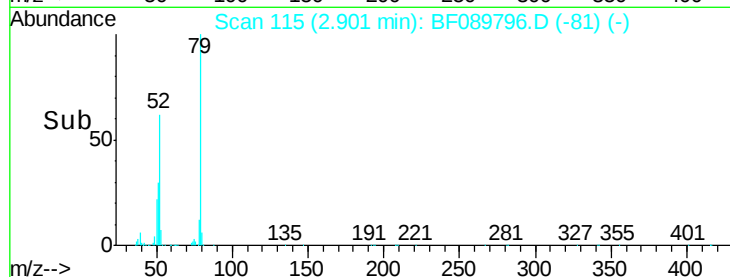
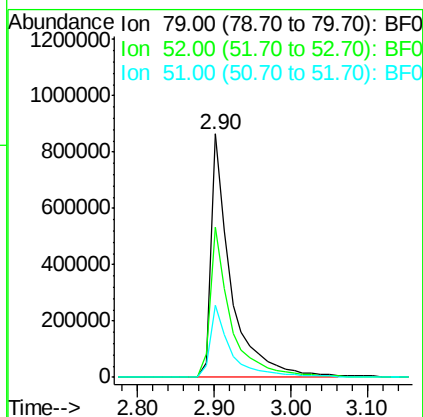
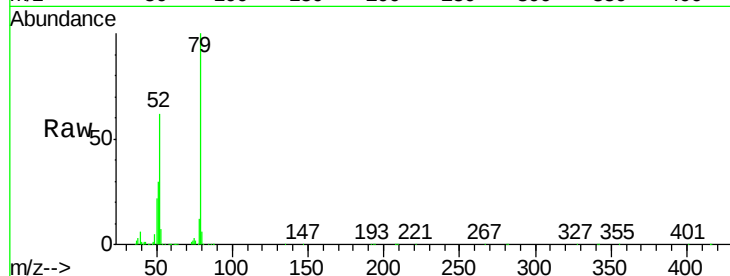
51 29.8 26.6 39.8

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#4

n-Nitrosodimethylamine

Concen: 43.08 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.10 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

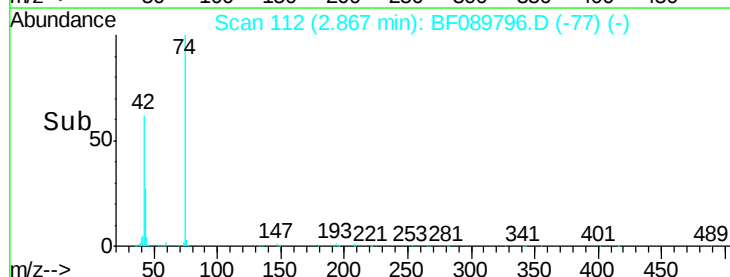
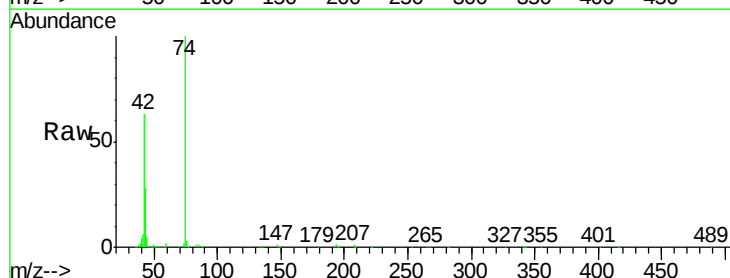
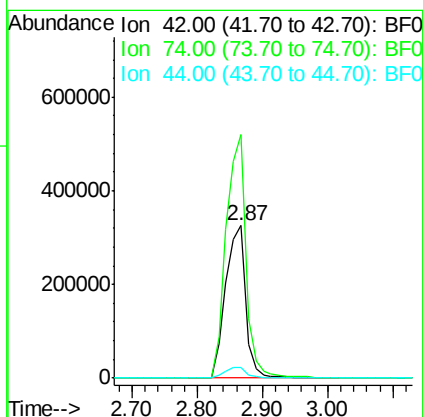
Tgt Ion: 42 Resp: 695088

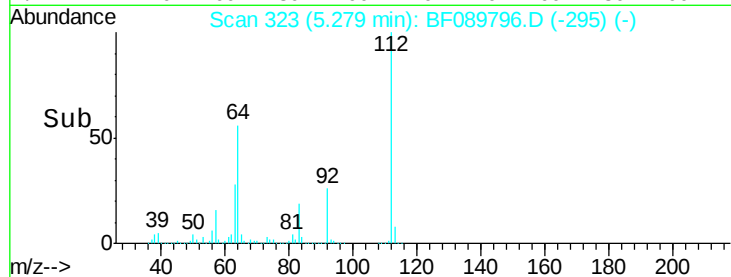
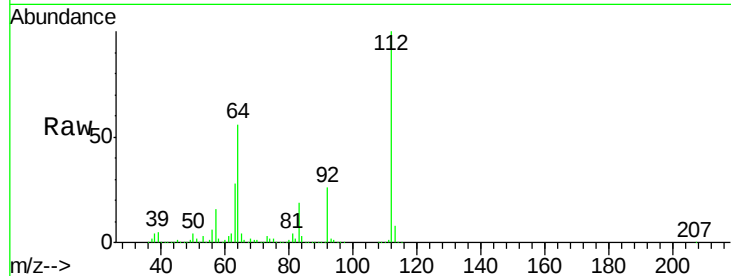
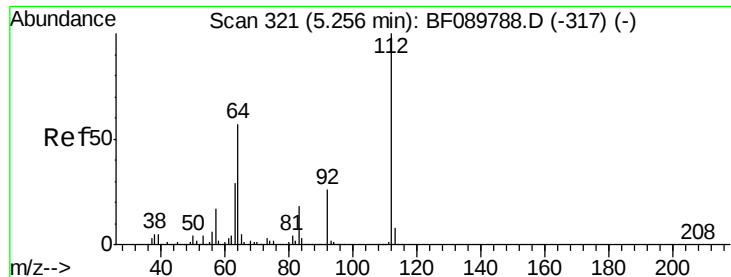
Ion Ratio Lower Upper

42 100

74 160.0 106.2 159.2#

44 7.3 6.9 10.3





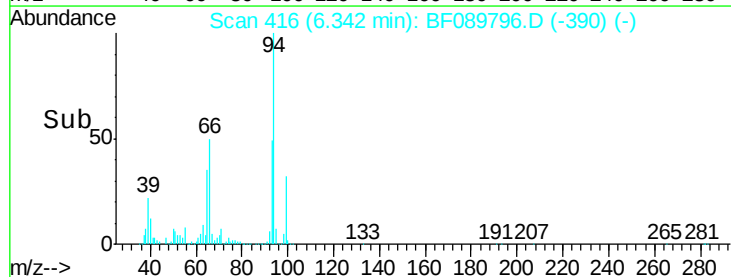
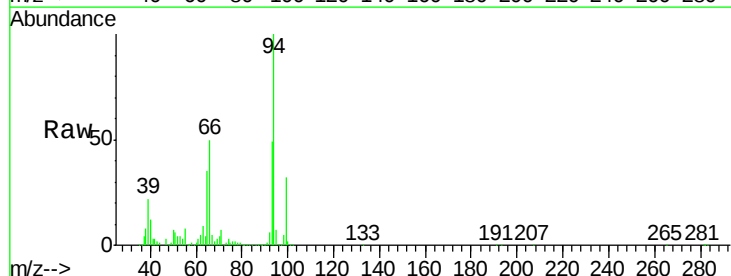
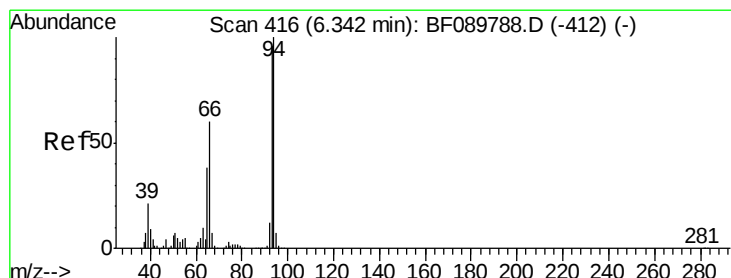
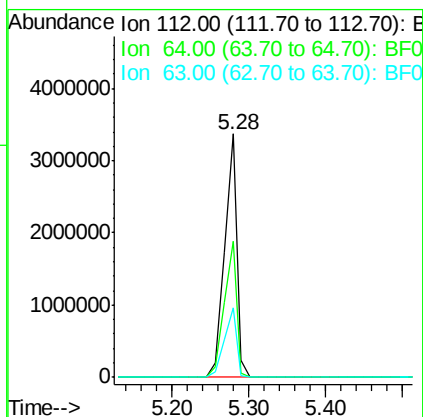
#5
2-Fluorophenol
Concen: 114.14 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.02 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.0	67.4
63	28.4	23.1	34.7

Instrument :
BNA_F
ClientSampleId :
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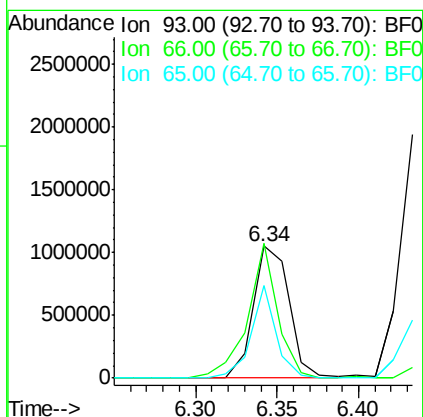
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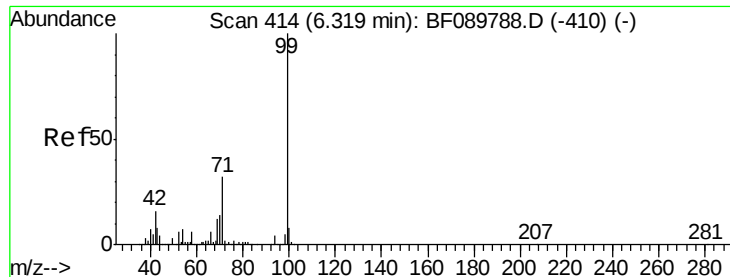
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#6
Aniline
Concen: 29.22 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
93	100		
66	102.0	30.6	46.0#
65	70.6	15.4	23.2#





#7

Phenol-d6

Concen: 119.63 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion: 99 Resp: 4902684

Ion Ratio Lower Upper

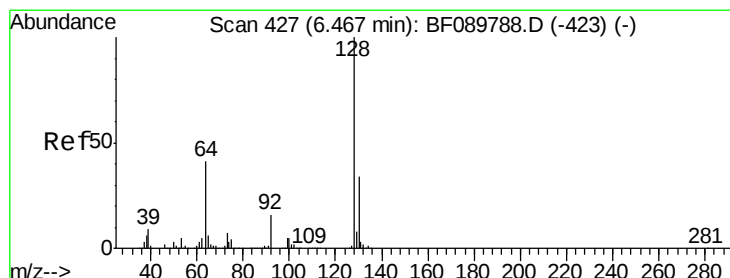
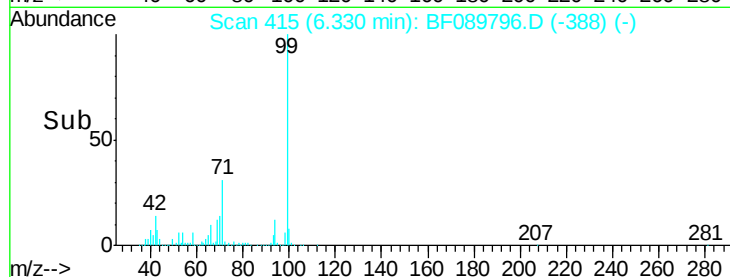
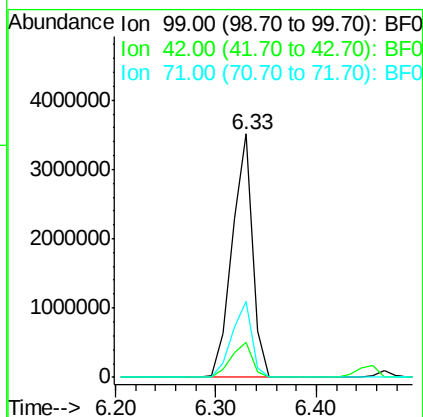
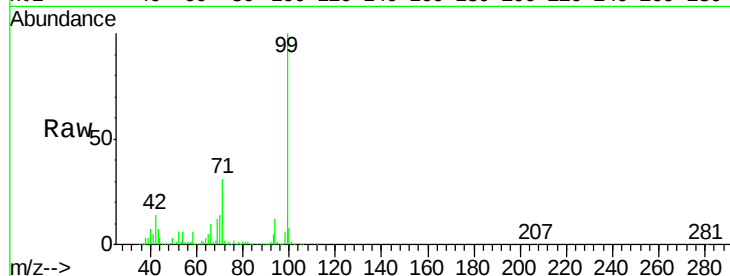
99 100

42 14.2 12.2 18.4

71 31.4 23.8 35.8

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#8

2-Chlorophenol

Concen: 39.53 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

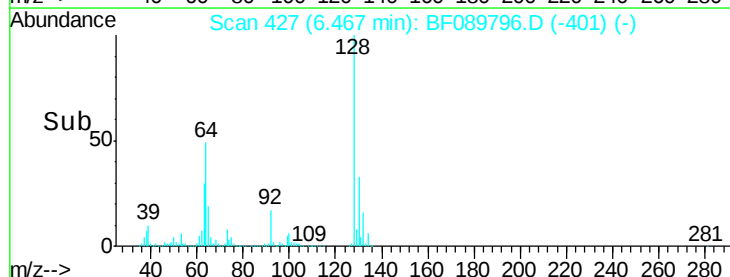
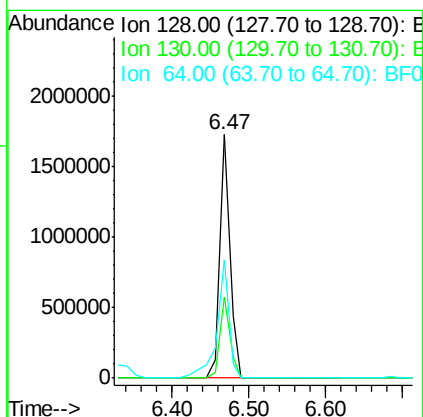
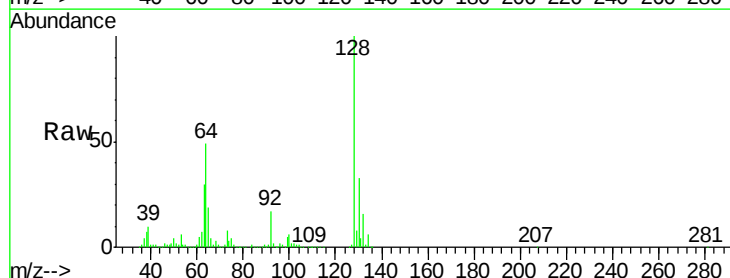
Tgt Ion: 128 Resp: 1578135

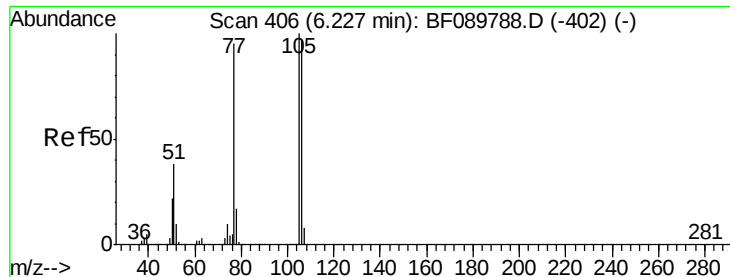
Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

64 48.6 35.1 75.1





#9

Benzaldehyde

Concen: 17.53 ng m

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

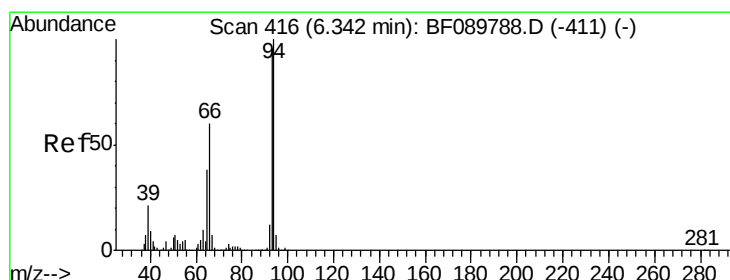
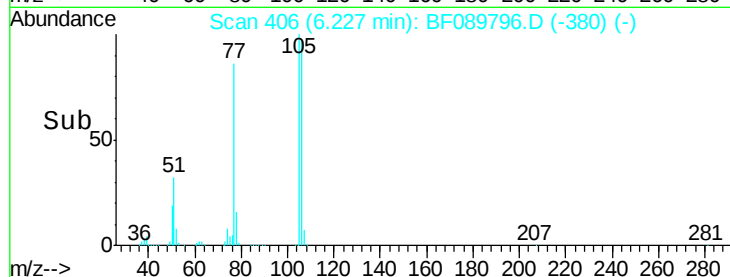
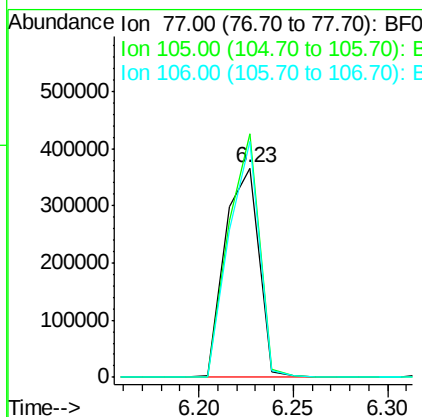
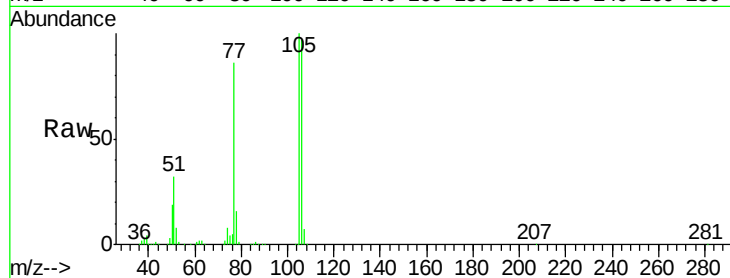
ClientSampleId :

PB92924BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	116.4	73.3	113.3#
106	112.7	68.6	108.6#

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#10

Phenol

Concen: 40.37 ng

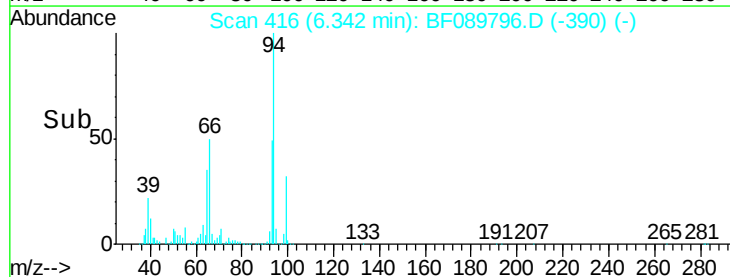
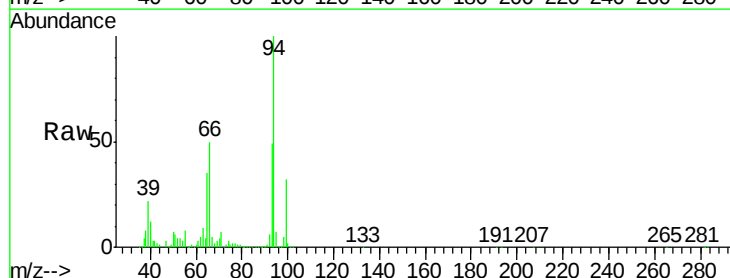
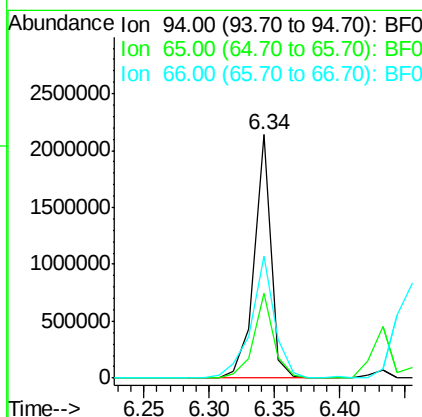
RT: 6.34 min Scan# 416

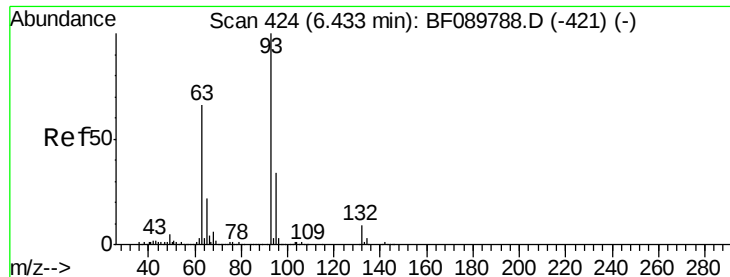
Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	14.0	54.0
66	50.1	31.2	71.2





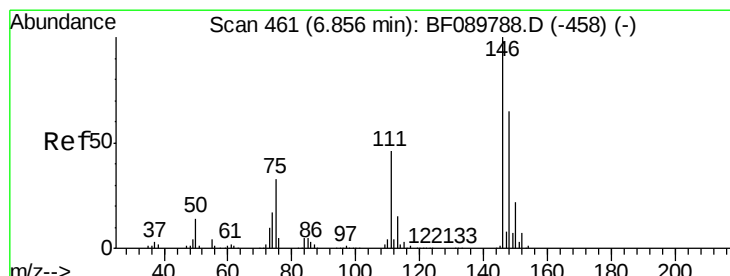
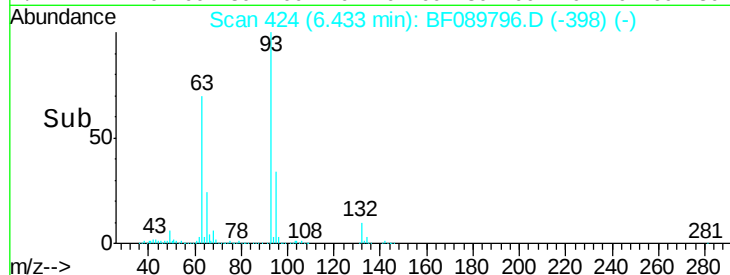
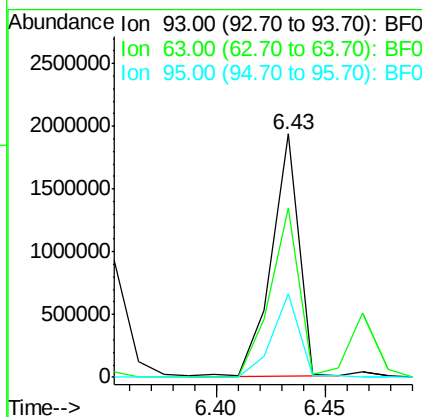
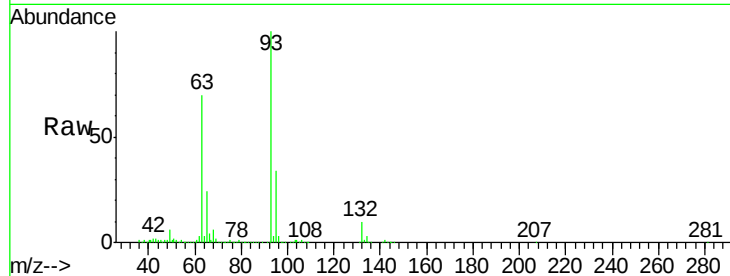
#11
bis(2-Chloroethyl)ether
Concen: 45.79 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion: 93 Resp: 1705416
Ion Ratio Lower Upper
93 100
63 69.8 55.8 95.8
95 34.1 13.0 53.0

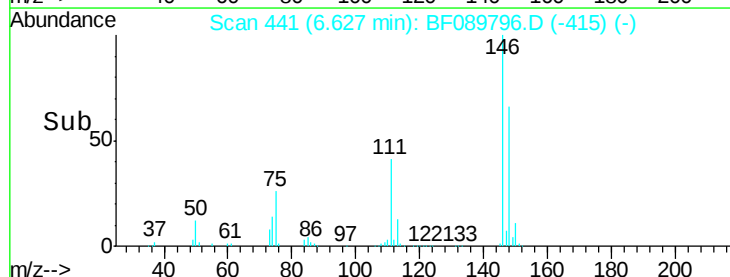
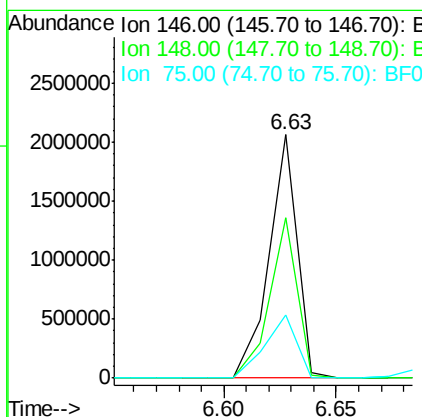
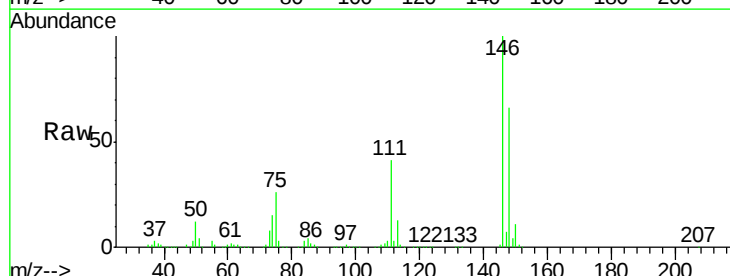
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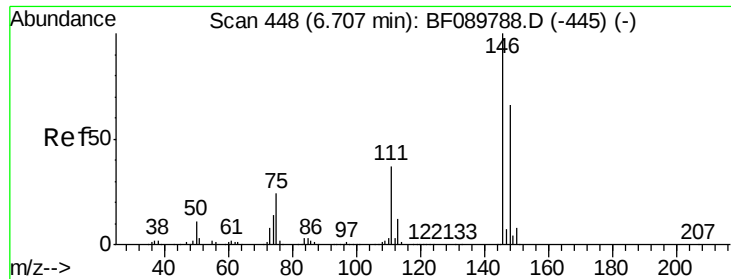
umangi
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#12
1,3-Dichlorobenzene
Concen: 42.83 ng m
RT: 6.63 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion: 146 Resp: 1787691
Ion Ratio Lower Upper
146 100
148 66.0 51.0 76.4
75 26.0 27.0 40.6#





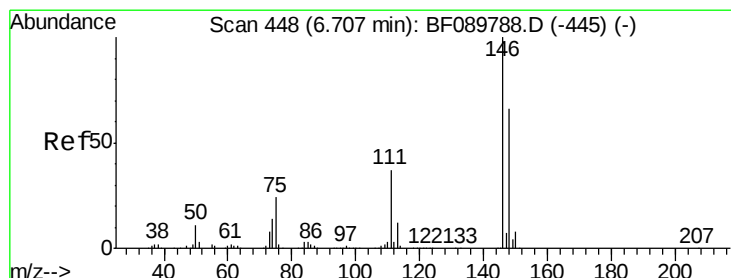
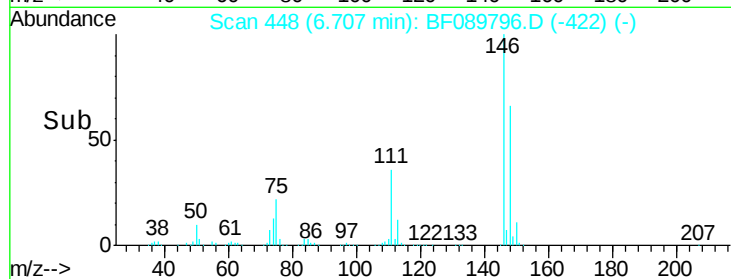
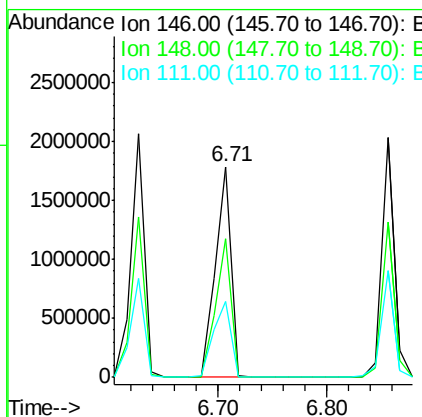
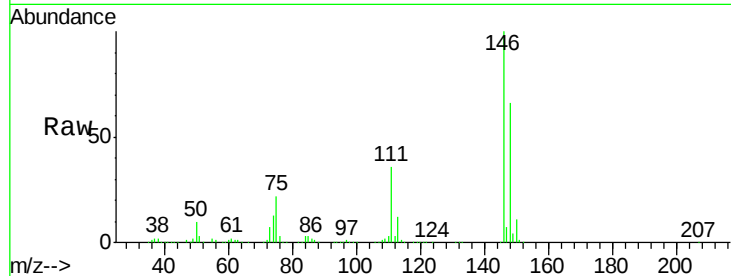
#13
 1,4-Dichlorobenzene
 Concen: 42.38 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion:146 Resp: 1818366
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.0 76.6
 111 35.8 34.6 52.0

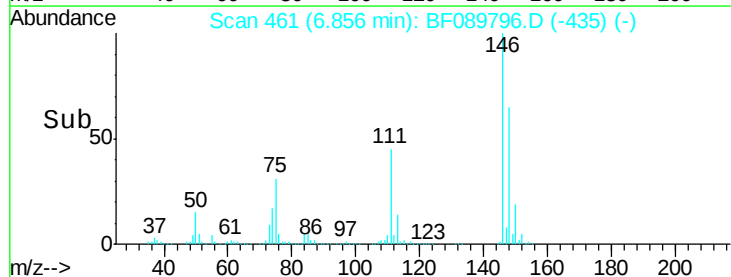
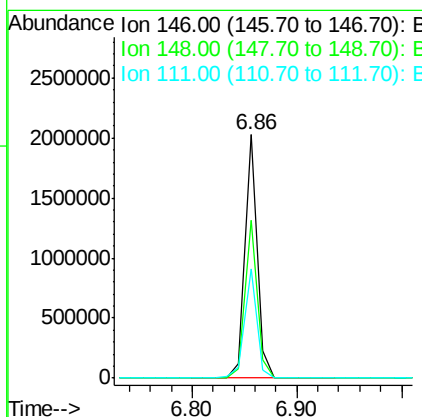
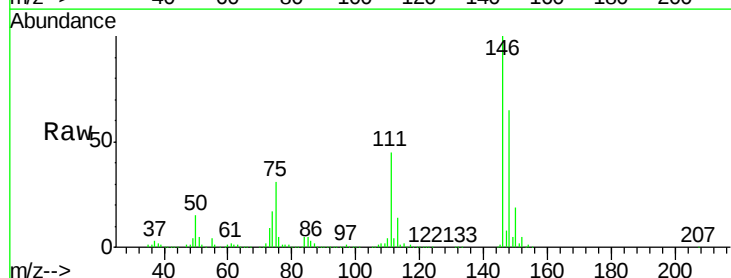
Manual Integrations
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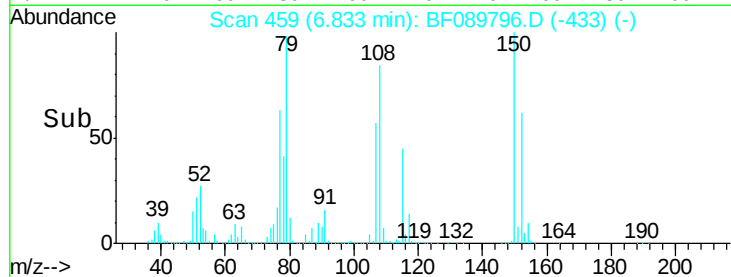
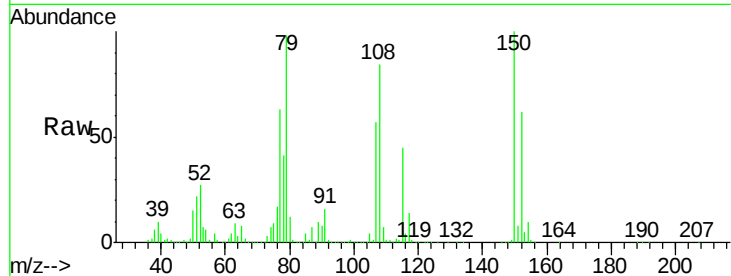
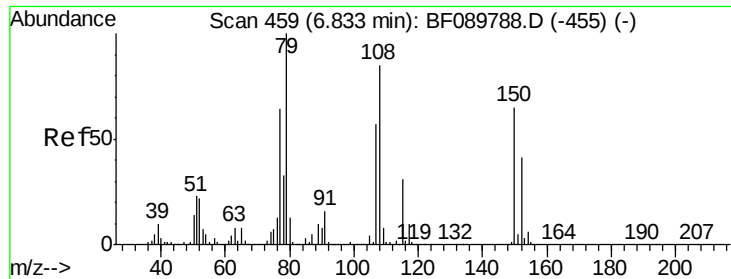
umangi
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#14
 1,2-Dichlorobenzene
 Concen: 40.79 ng m
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:146 Resp: 1633536
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 44.7 29.8 44.6#





#15

Benzyl Alcohol

Concen: 42.85 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion:	79	Resp:	1164556
Ion	Ratio	Lower	Upper
79	100		
108	85.6	62.5	93.7
77	64.2	51.5	77.3

Instrument :

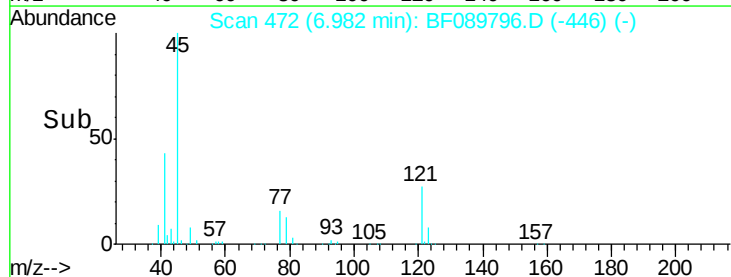
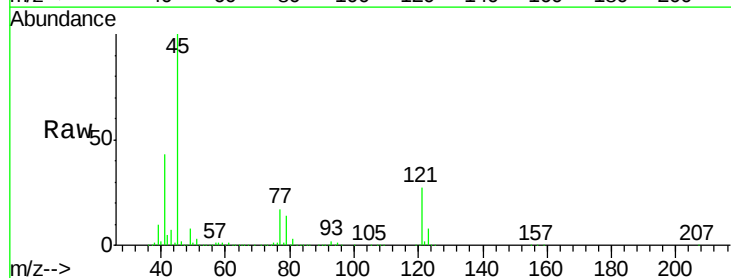
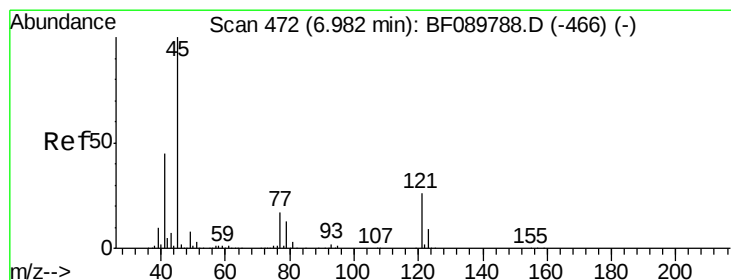
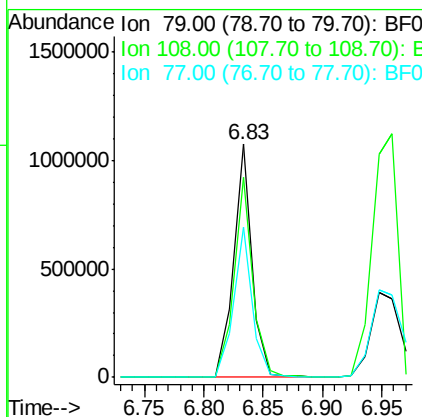
BNA_F

ClientSampled :

PB92924BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.29 ng

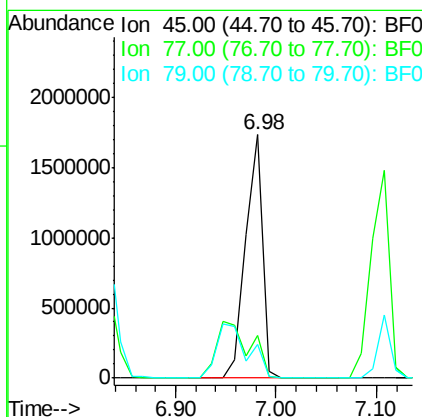
RT: 6.98 min Scan# 472

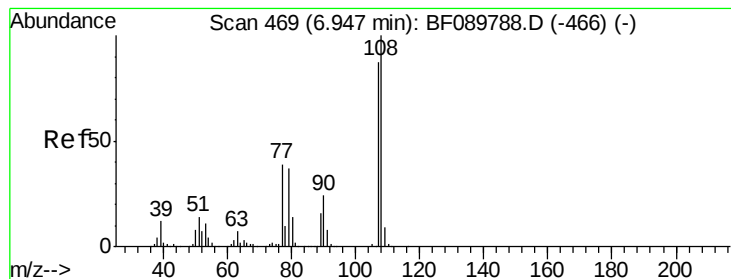
Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion:	45	Resp:	2015742
Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	33.5
79	14.0	0.0	30.7





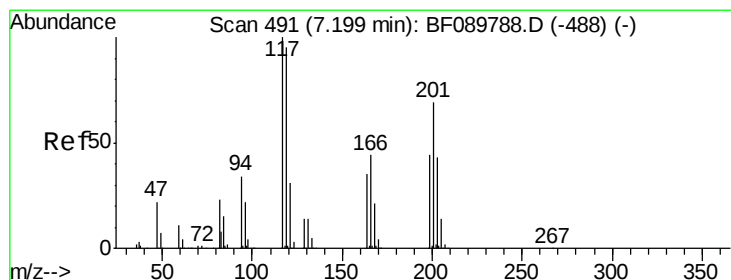
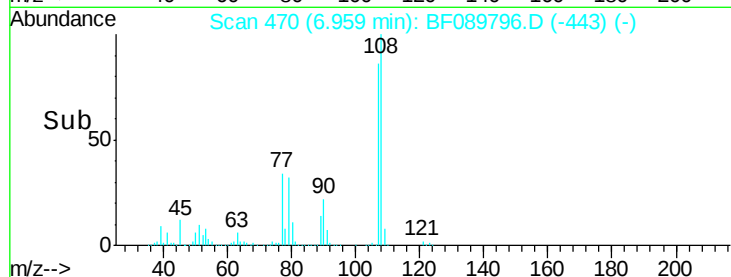
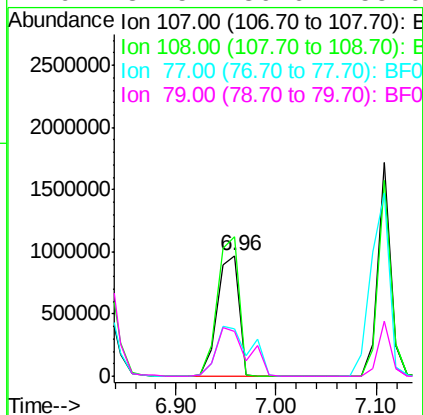
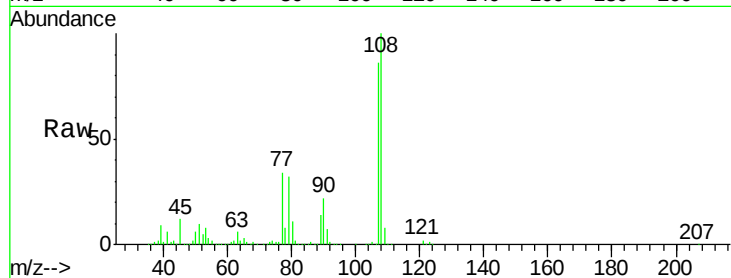
#17
2-Methylphenol
Concen: 46.12 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:	107	Resp:	1442034
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.0	136.4
77	39.1	37.4	56.0
79	37.5	36.6	55.0

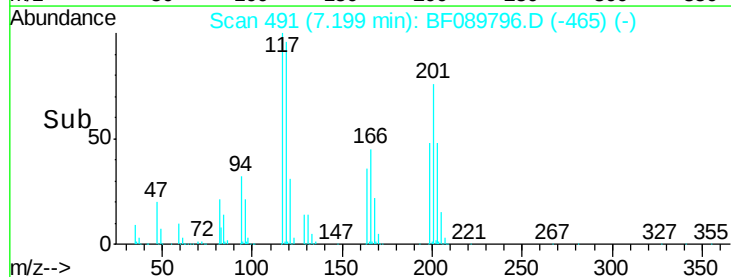
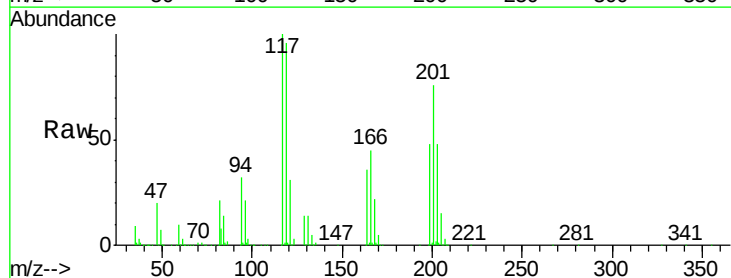
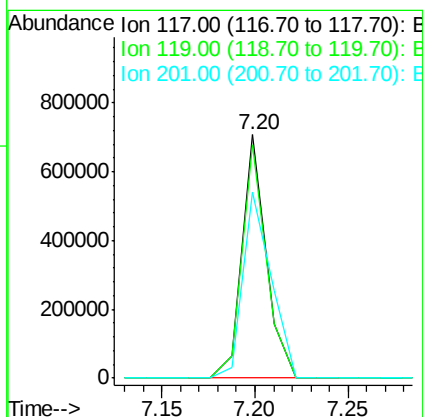
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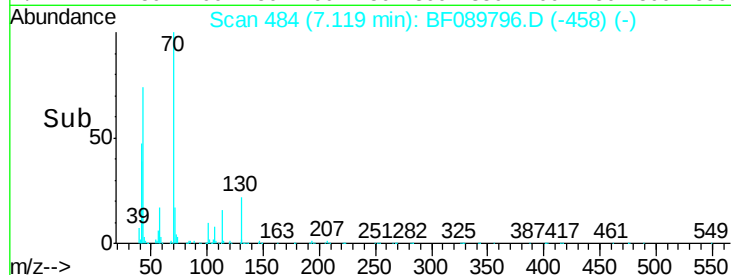
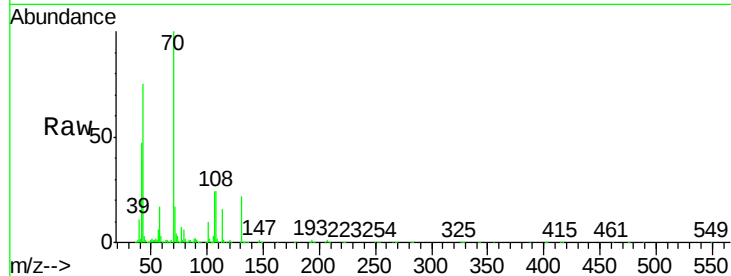
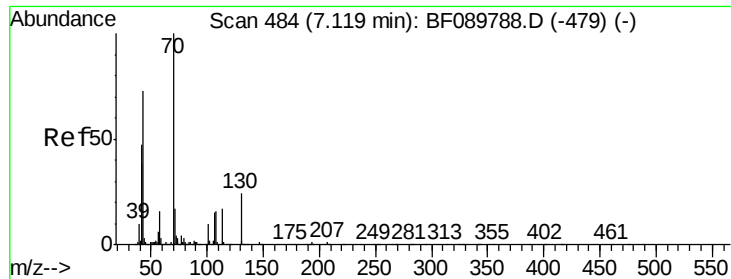
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#18
Hexachloroethane
Concen: 41.72 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:	117	Resp:	638455
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
201	76.2	76.9	115.3#





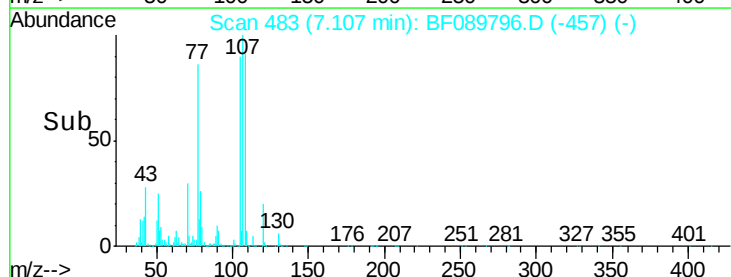
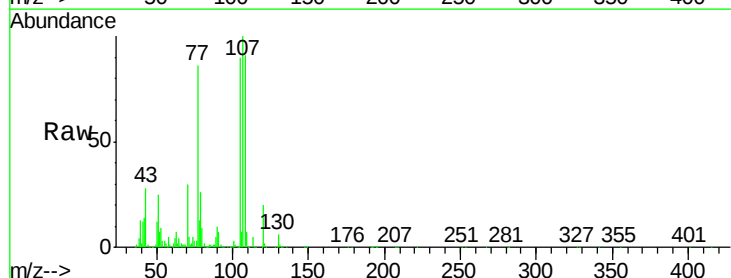
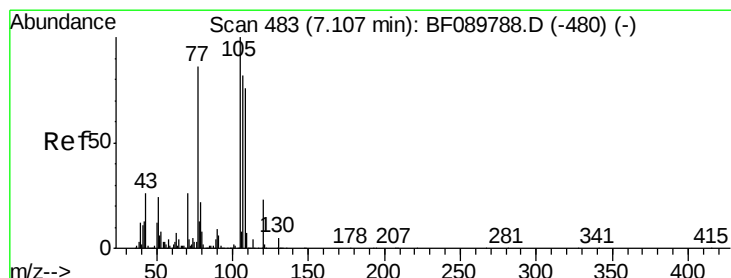
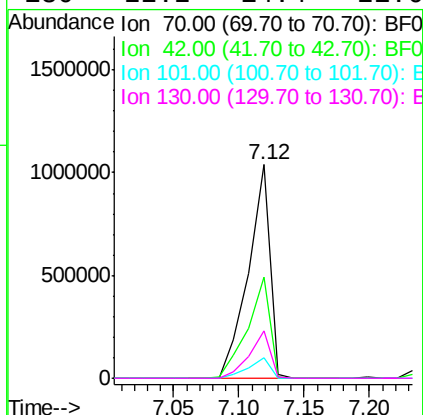
#19
n-Nitroso-di-n-propylamine
Concen: 46.16 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.4	46.3	69.5
101	9.9	7.0	10.6
130	22.2	14.4	21.6

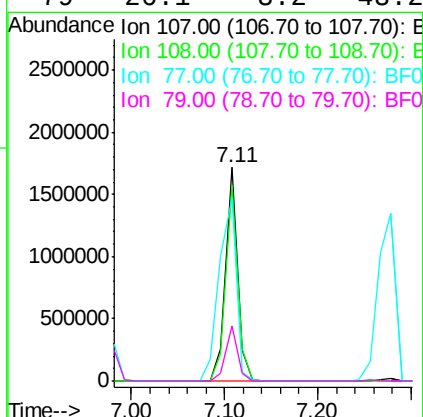
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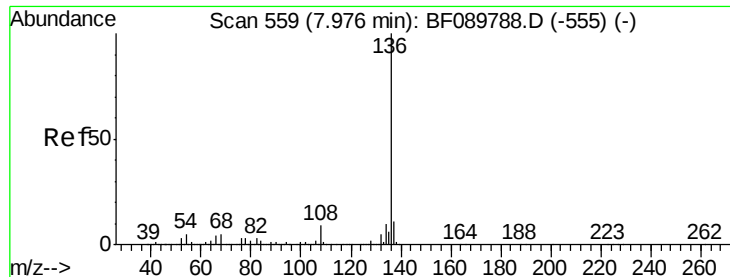
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#20
3+4-Methylphenols
Concen: 39.98 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	85.9	122.3	162.3
79	26.1	8.2	48.2





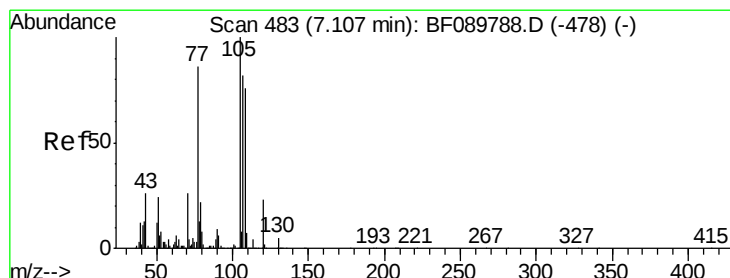
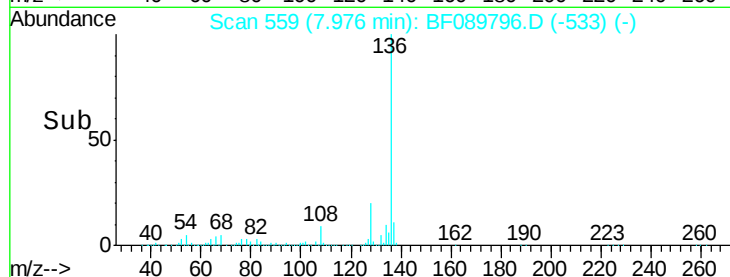
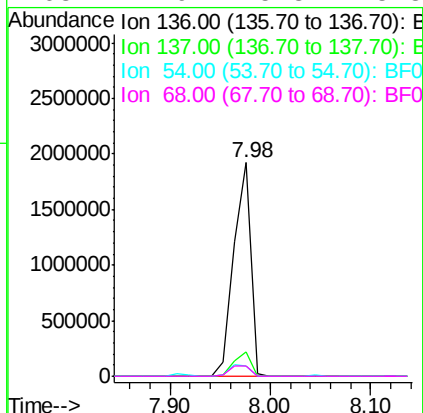
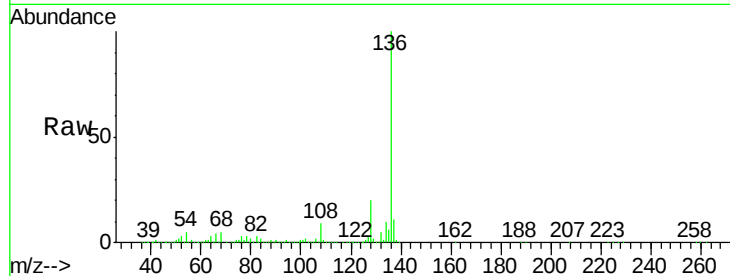
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.1	7.2	10.8#
68	4.9	5.8	8.8#

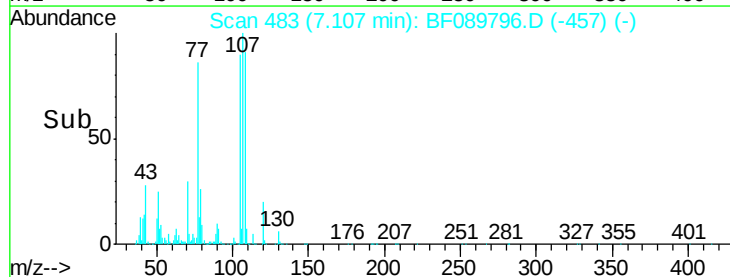
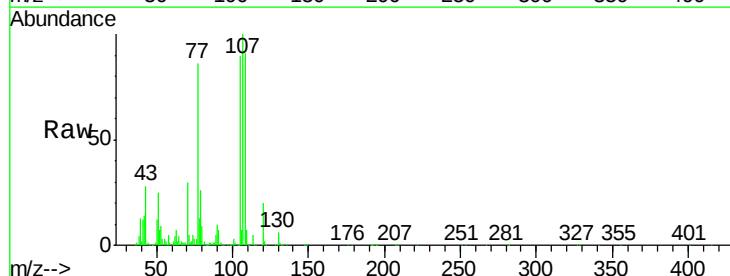
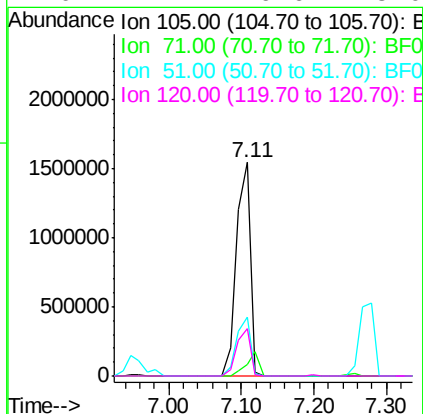
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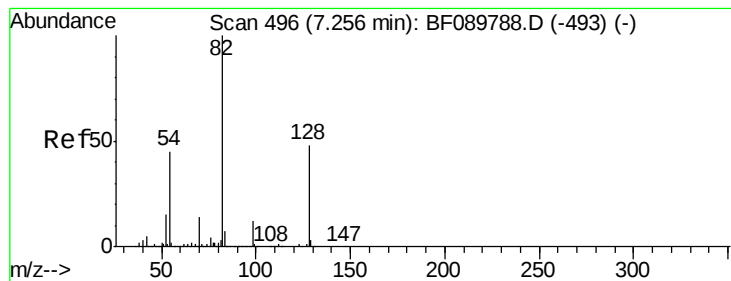
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#22
Acetophenone
Concen: 39.69 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.5	1.9	2.9#
51	27.8	28.5	42.7#
120	22.4	16.6	25.0





#23

Nitrobenzene-d5

Concen: 84.94 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion: 82 Resp: 3087239

Ion Ratio Lower Upper

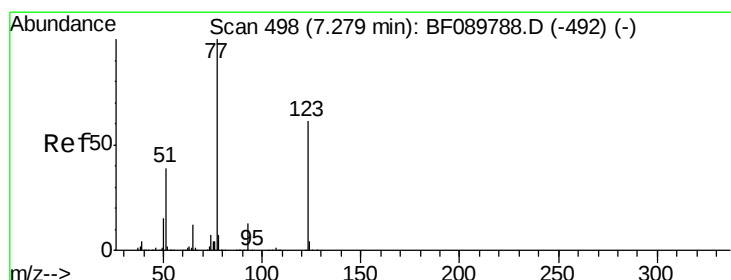
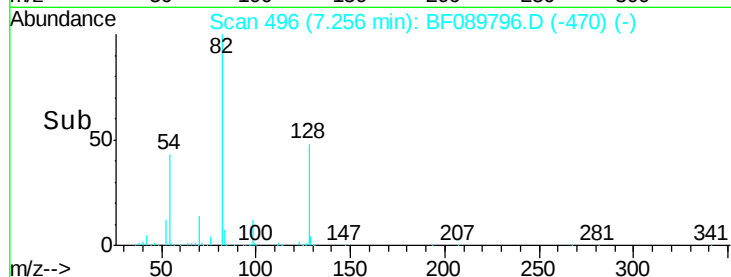
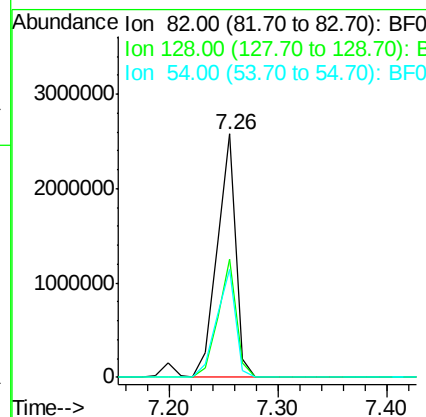
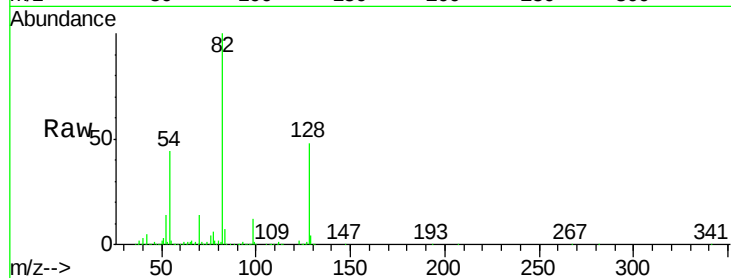
82 100

128 48.4 34.4 51.6

54 44.4 40.3 60.5

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#24

Nitrobenzene

Concen: 42.74 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

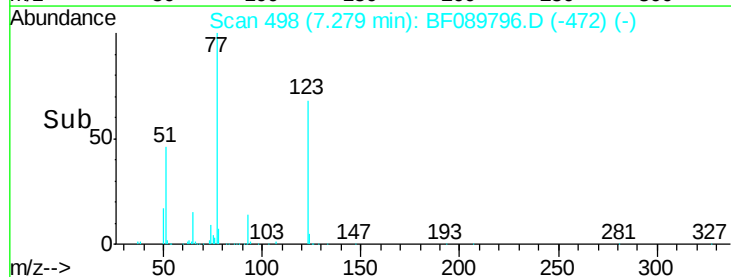
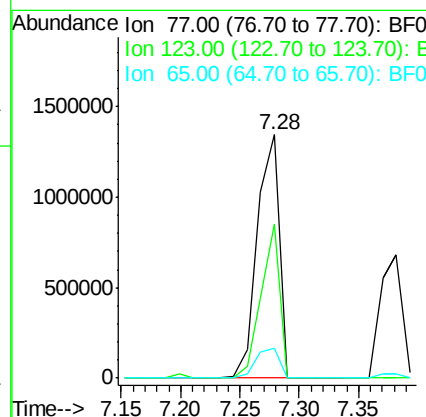
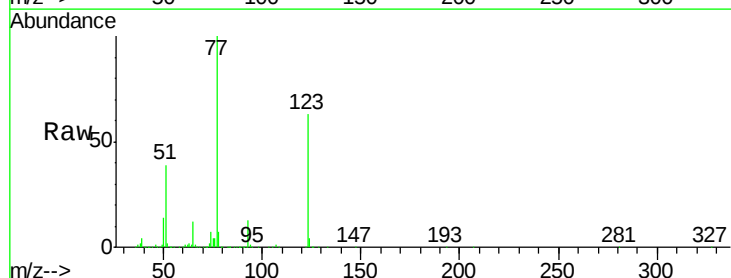
Tgt Ion: 77 Resp: 1742903

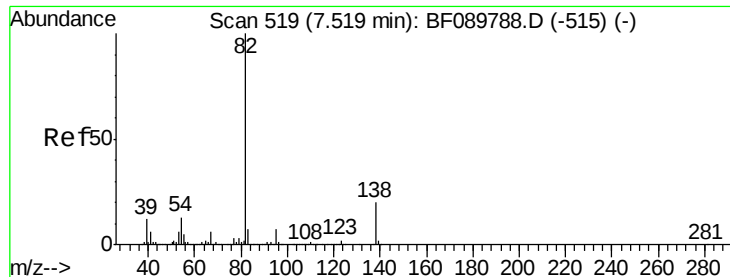
Ion Ratio Lower Upper

77 100

123 63.3 36.2 54.2#

65 12.1 10.6 15.8





#25

Isophorone

Concen: 43.33 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion: 82 Resp: 3176364

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

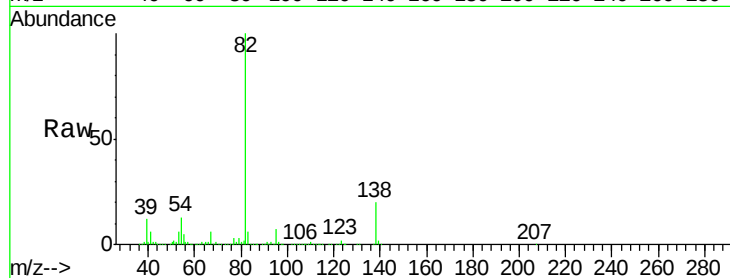
138 20.4 13.0 19.4#

Manual Integrations

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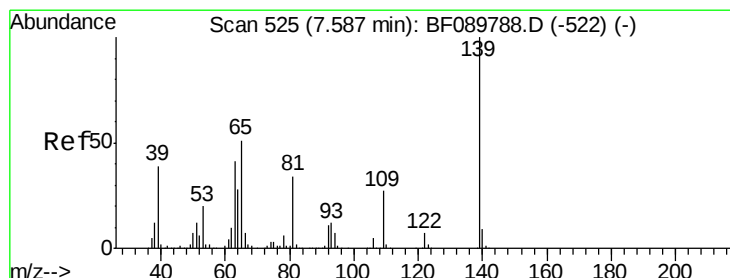
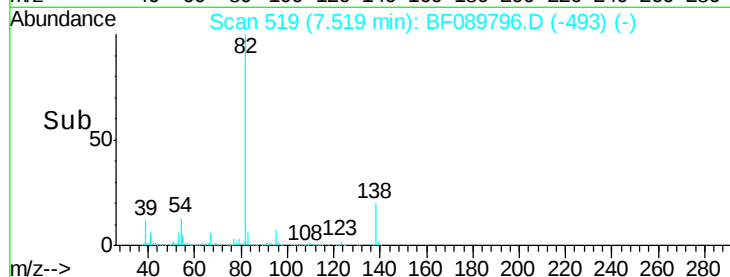
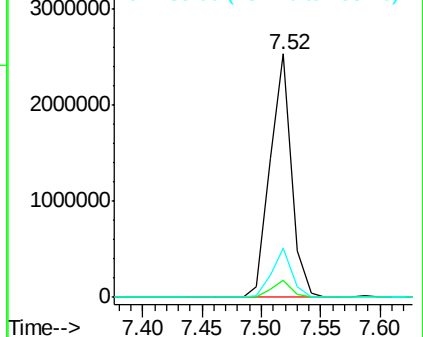
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.43 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

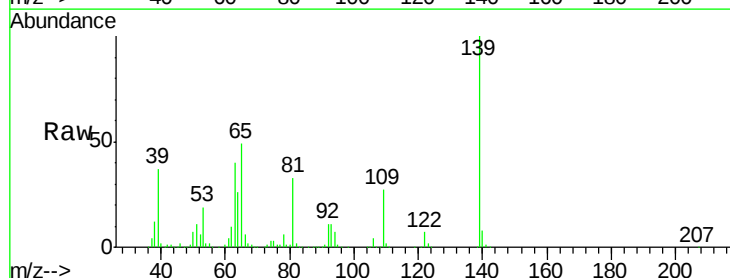
Tgt Ion: 139 Resp: 842958

Ion Ratio Lower Upper

139 100

109 27.0 19.5 29.3

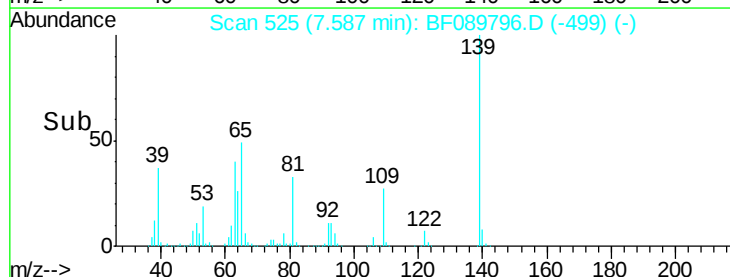
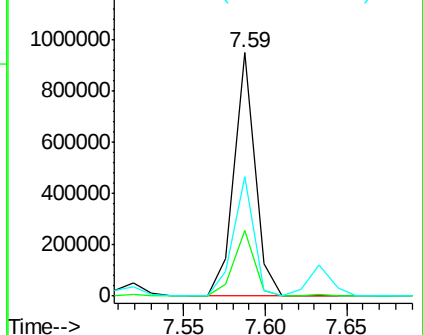
65 49.1 26.5 39.7#

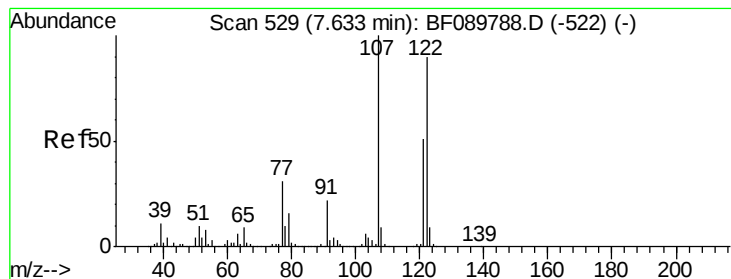


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.35 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion: 122 Resp: 1516069

Ion Ratio Lower Upper

122 100

107 110.9 84.8 127.2

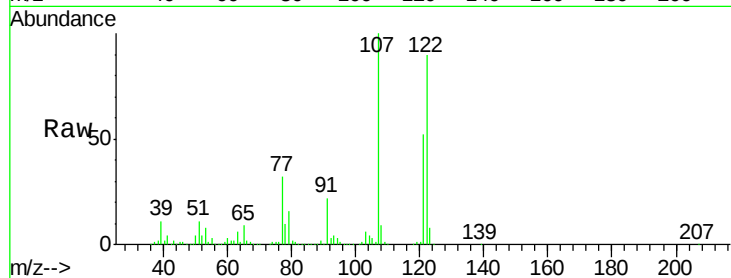
121 57.6 47.0 70.6

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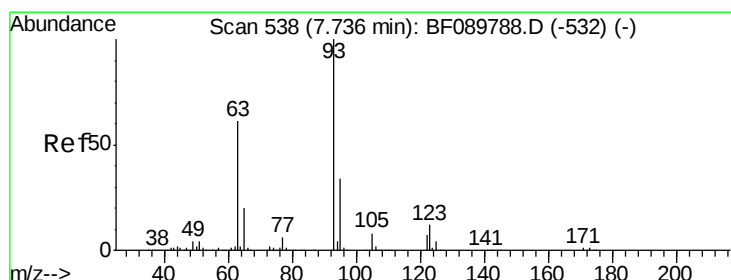
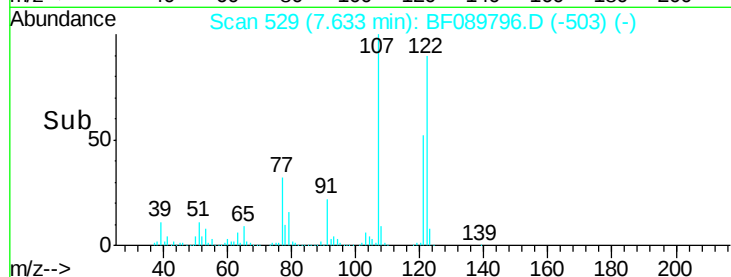
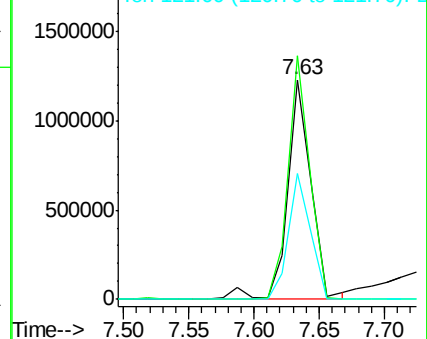
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.03 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

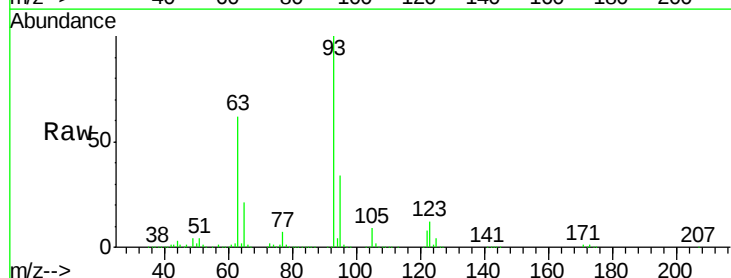
Tgt Ion: 93 Resp: 2132872

Ion Ratio Lower Upper

93 100

95 34.1 25.5 38.3

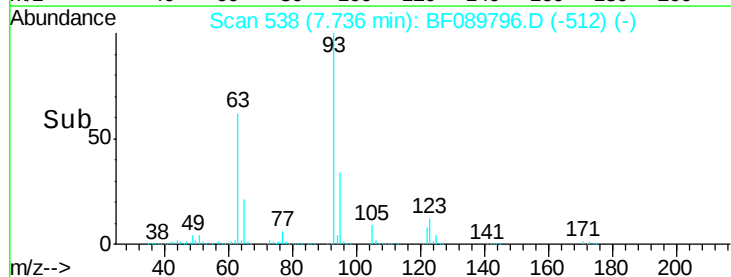
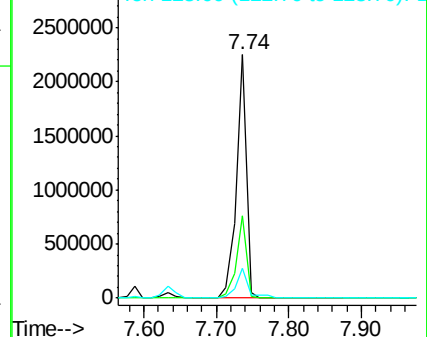
123 12.2 8.5 12.7

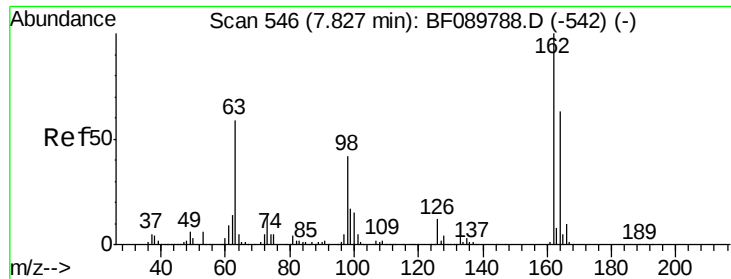


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.52 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampled :

PB92924BS

Tgt Ion:162 Resp: 1338991

Ion Ratio Lower Upper

162 100

164 64.4 45.5 85.5

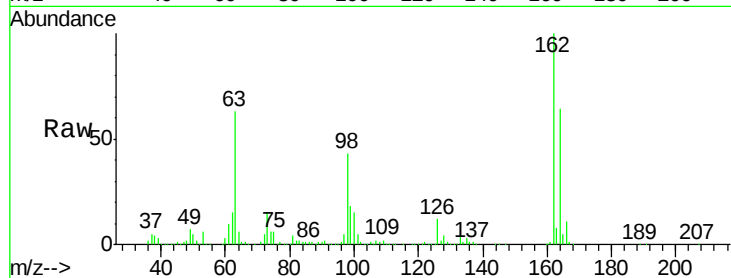
98 43.5 12.4 52.4

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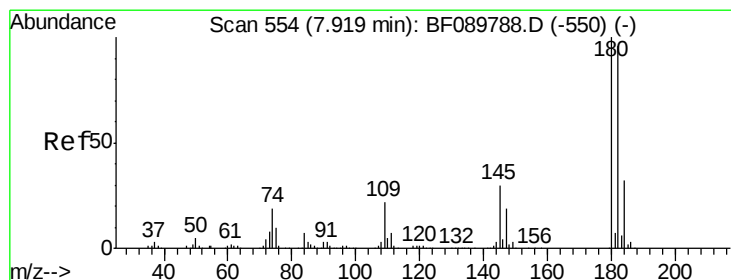
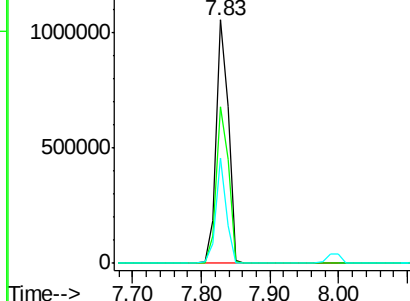
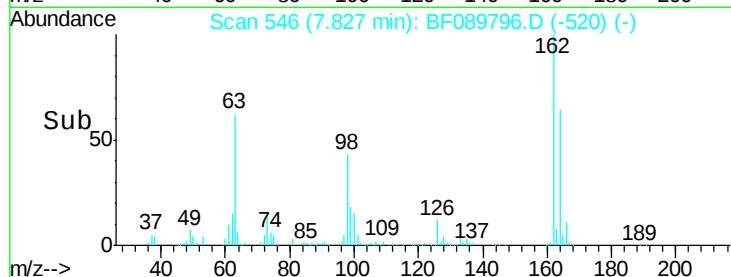
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.27 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

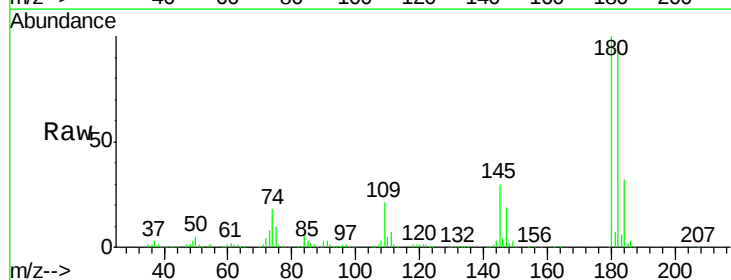
Tgt Ion:180 Resp: 1472743

Ion Ratio Lower Upper

180 100

182 96.6 75.5 113.3

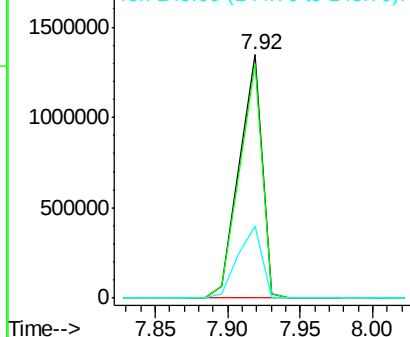
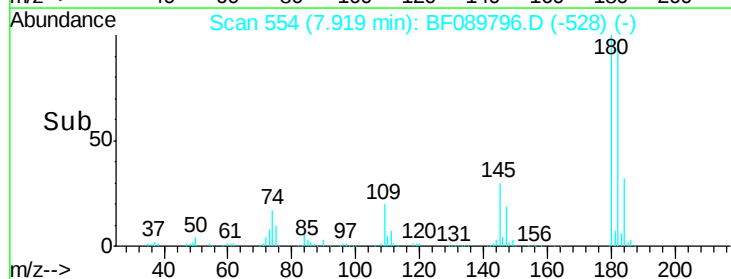
145 29.5 28.7 43.1

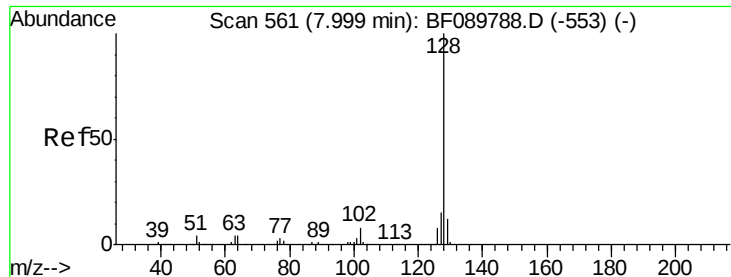


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





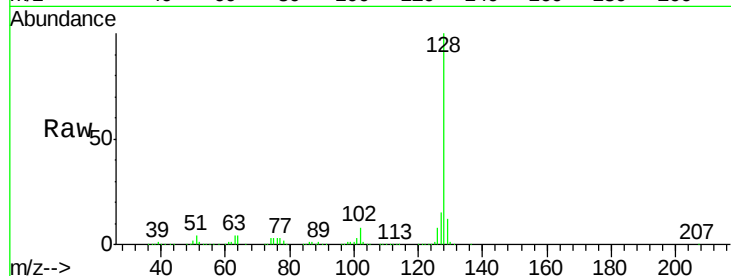
#31
Naphthalene
Concen: 43.87 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

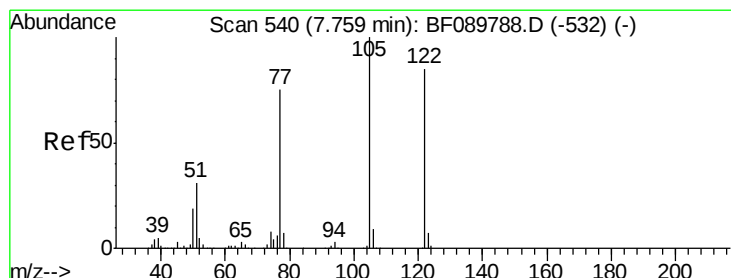
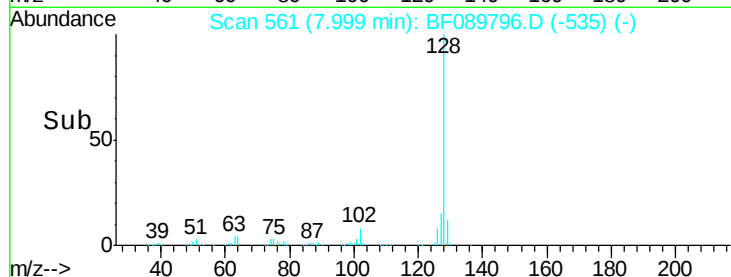
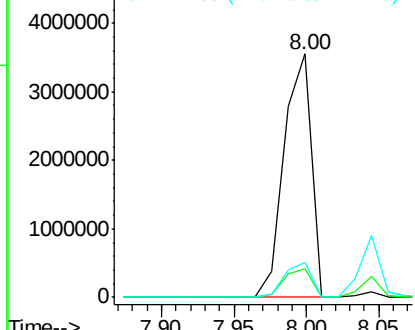
Tgt Ion:128 Resp: 4629980
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.5 11.3 16.9

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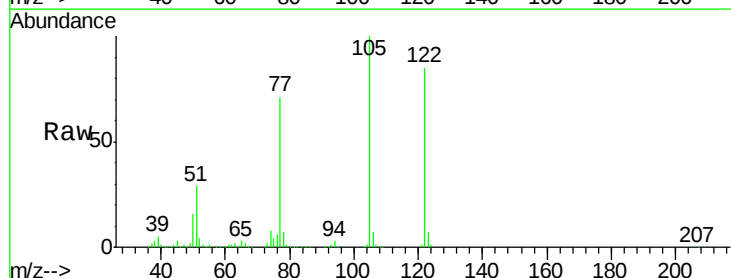


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

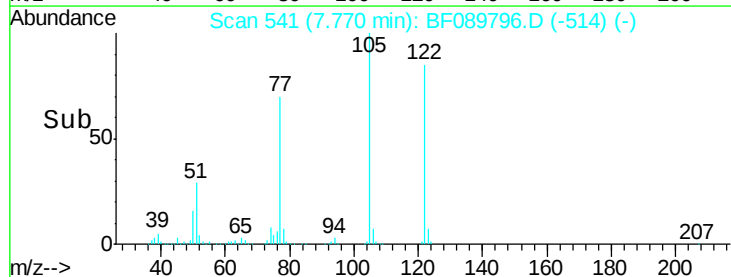
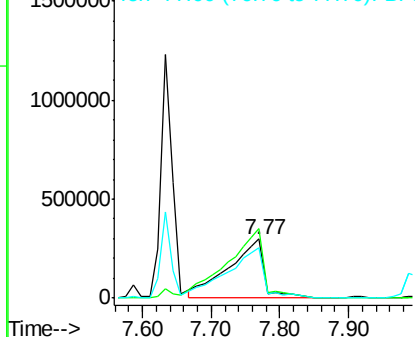


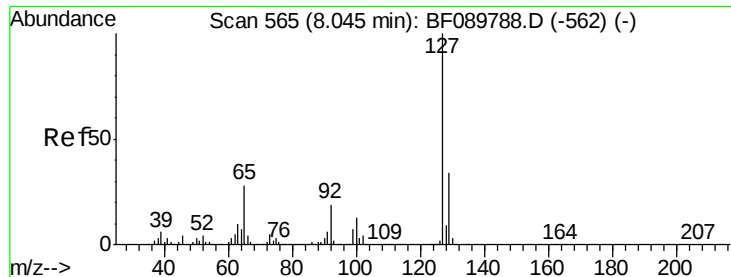
#32
Benzoic acid
Concen: 37.37 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:122 Resp: 1067732
Ion Ratio Lower Upper
122 100
105 118.1 100.8 140.8
77 84.3 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





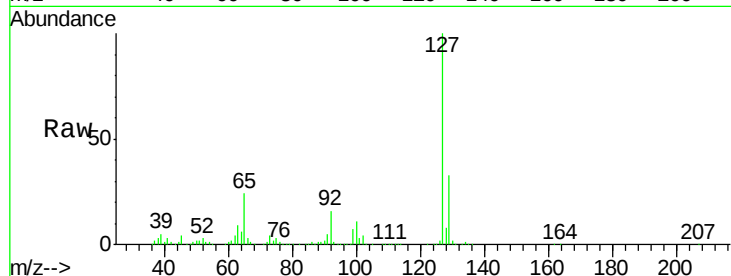
#33
4-Chloroaniline
Concen: 19.81 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

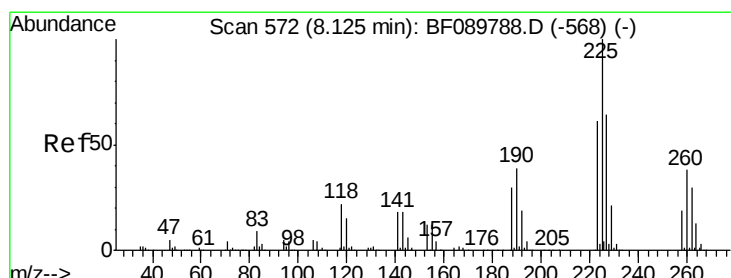
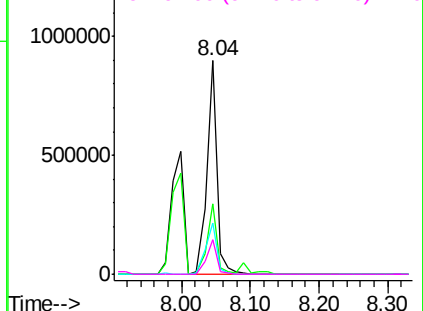
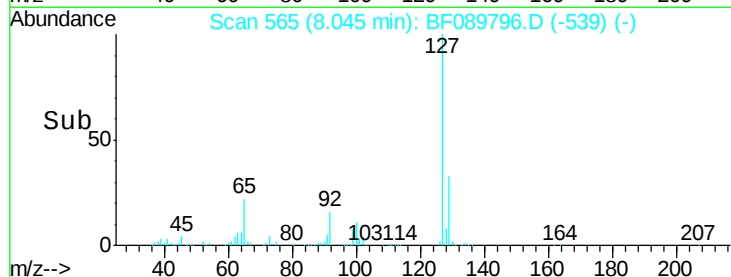
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	27.0	40.6	
65	23.9	14.7	22.1	
92	16.5	11.7	17.5	

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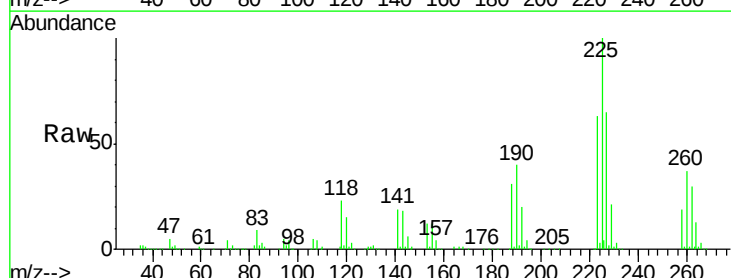


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

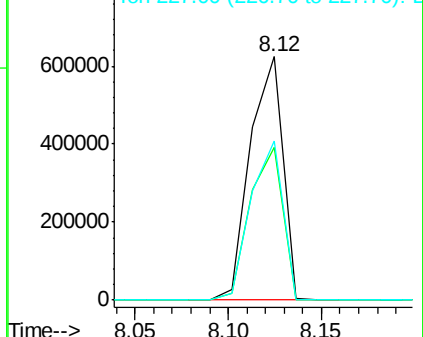
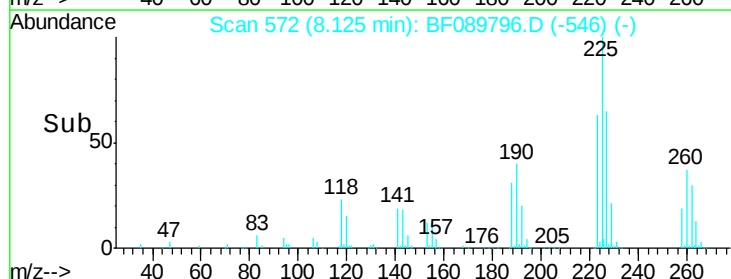


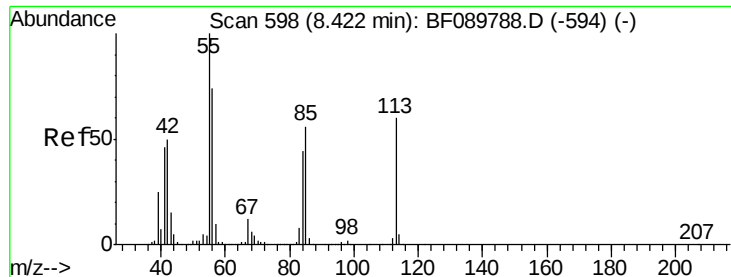
#34
Hexachlorobutadiene
Concen: 42.27 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	51.0	76.6	
227	65.4	49.8	74.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





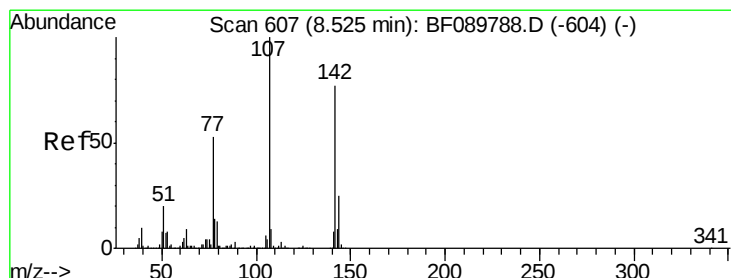
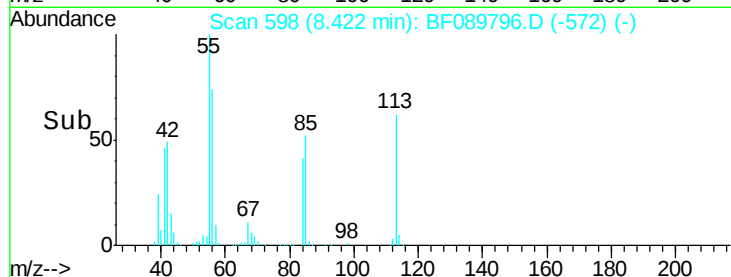
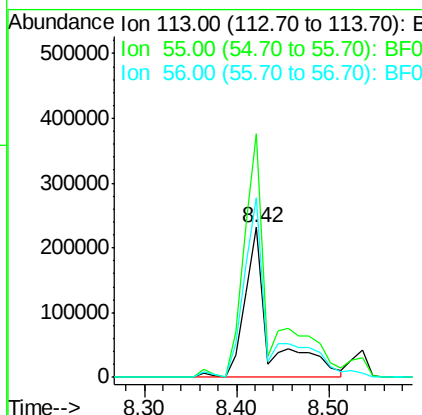
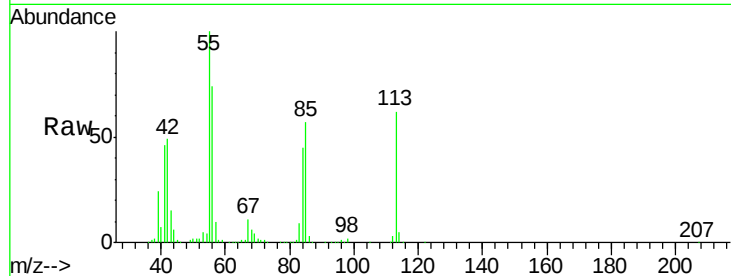
#35
 Caprolactam
 Concen: 47.14 ng m
 RT: 8.42 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	162.3	135.9	175.9
56	119.9	93.9	133.9

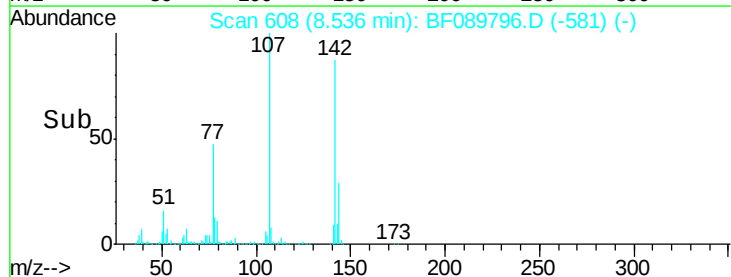
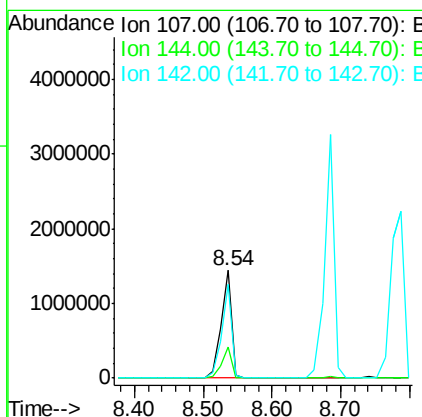
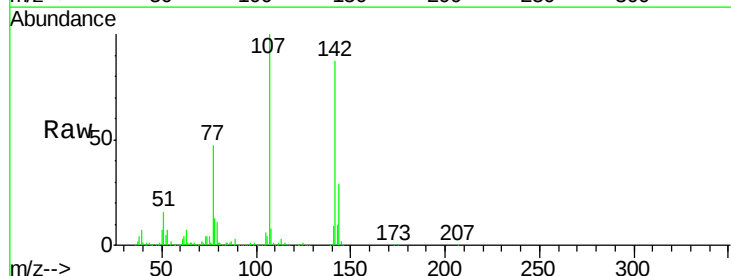
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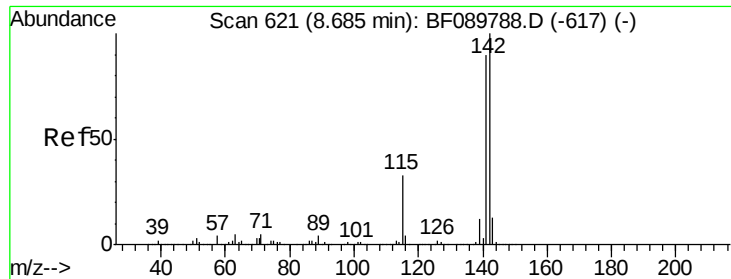
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#36
 4-Chloro-3-methylphenol
 Concen: 46.62 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	22.6	34.0
142	87.2	69.3	103.9





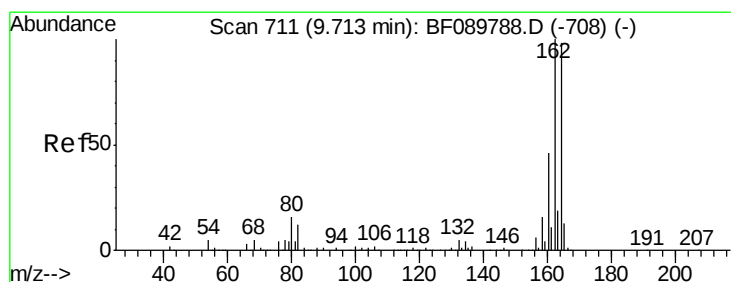
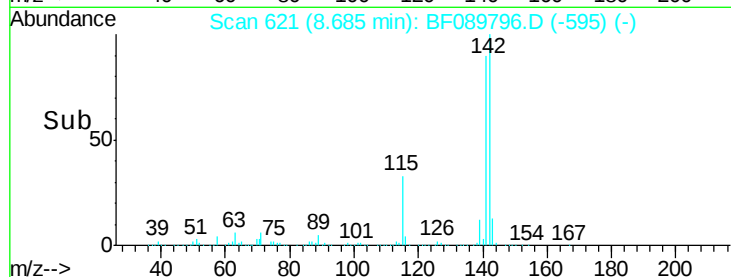
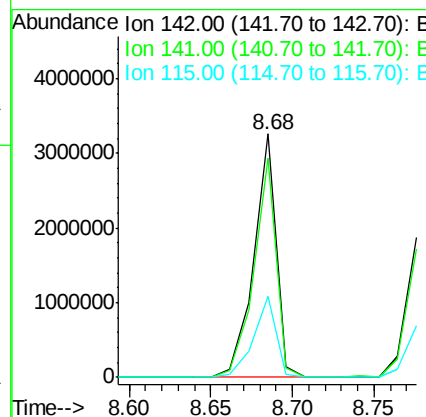
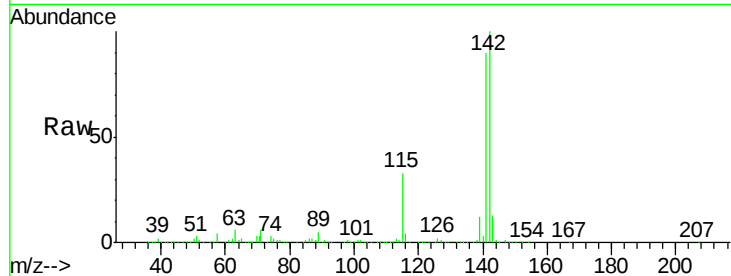
#37
 2-Methylnaphthalene
 Concen: 45.30 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	33.4	22.7	34.1

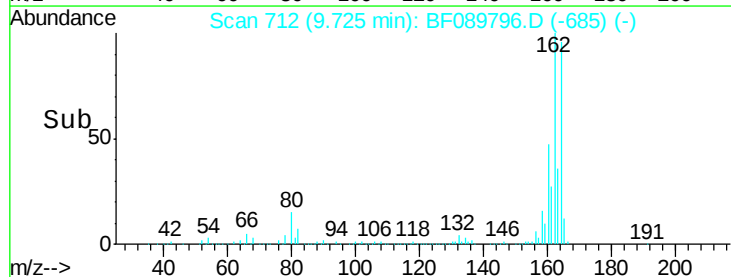
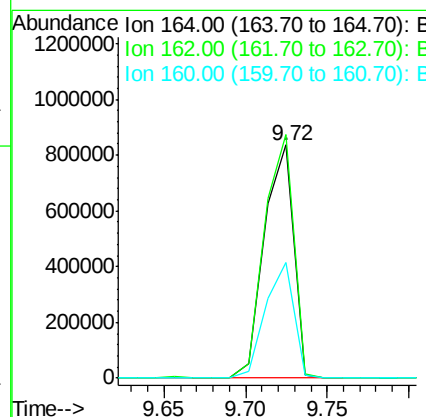
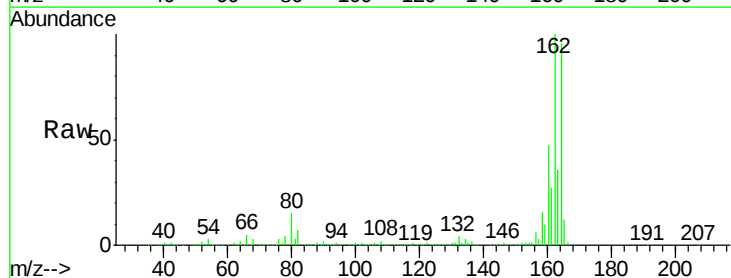
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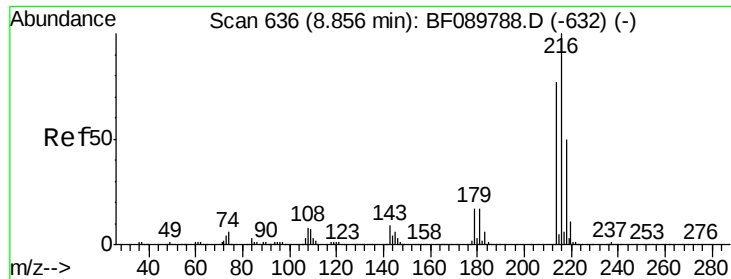
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.4	122.2
160	49.4	37.8	56.6





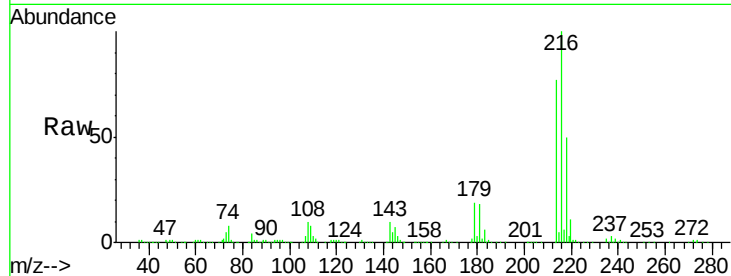
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.97 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

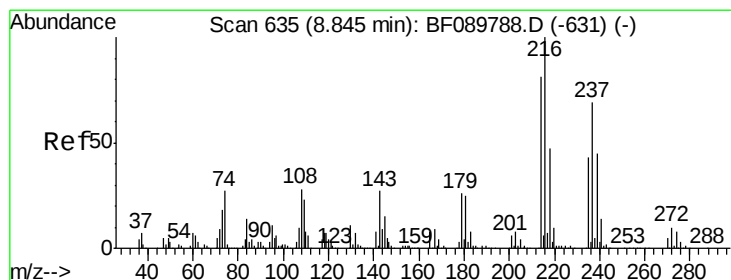
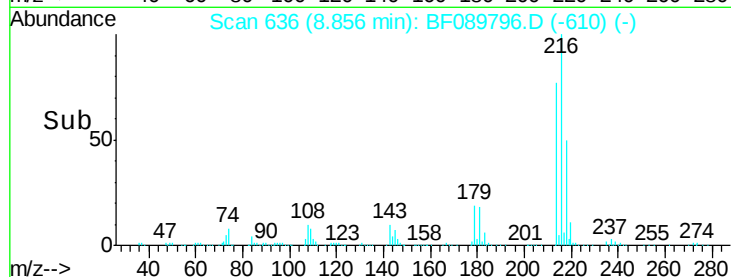
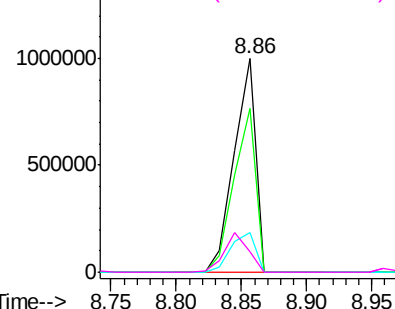
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.5	95.3
179	21.4	19.9	29.9
108	20.2	19.9	29.9

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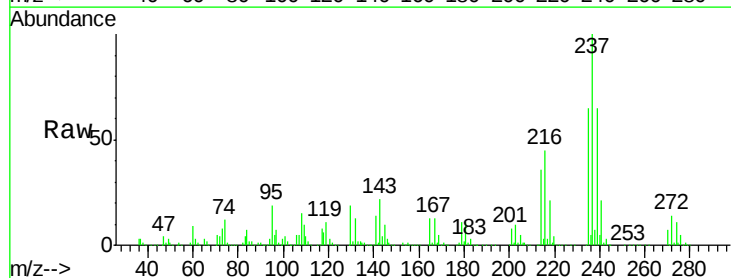


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

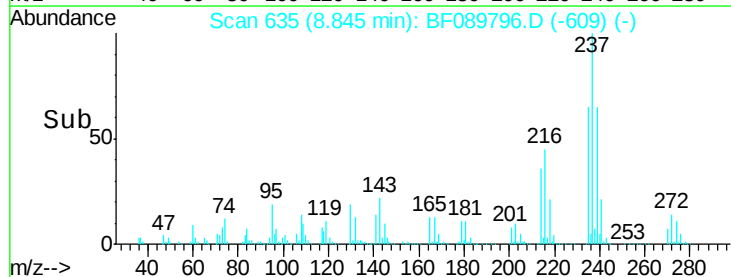
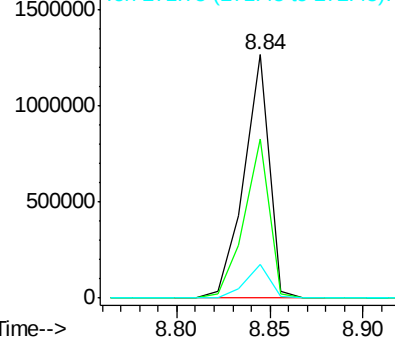


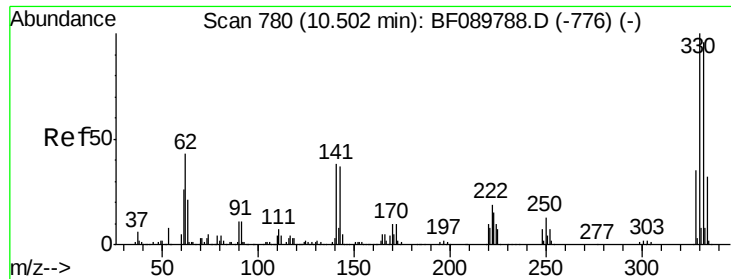
#40
 Hexachlorocyclopentadiene
 Concen: 103.21 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.3	43.7	83.7
272	13.9	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





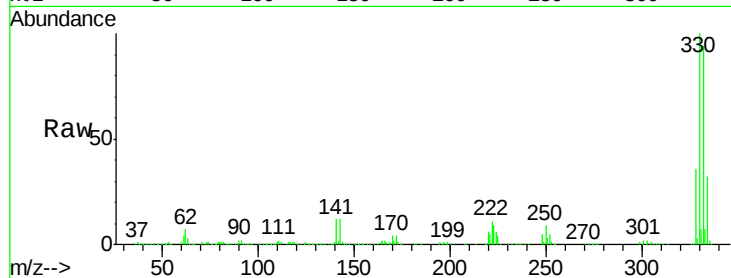
#41
 2,4,6-Tribromophenol
 Concen: 141.22 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

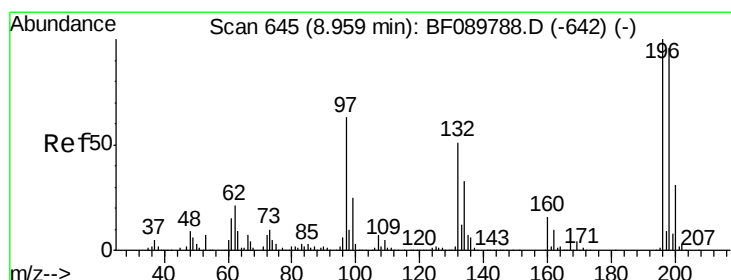
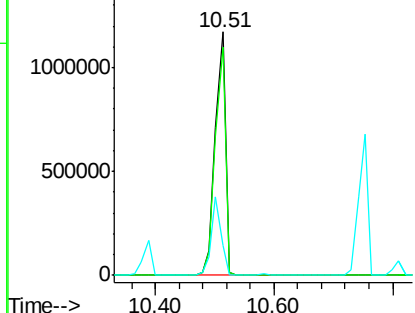
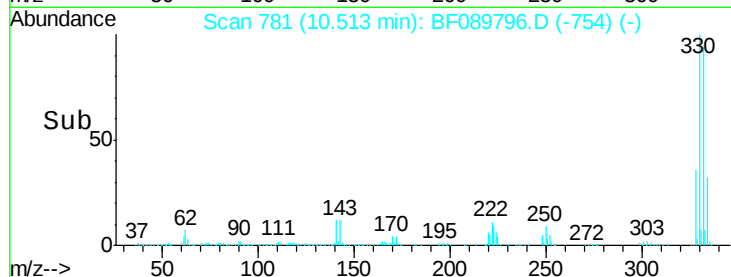
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.7	115.1
141	30.6	30.2	45.2

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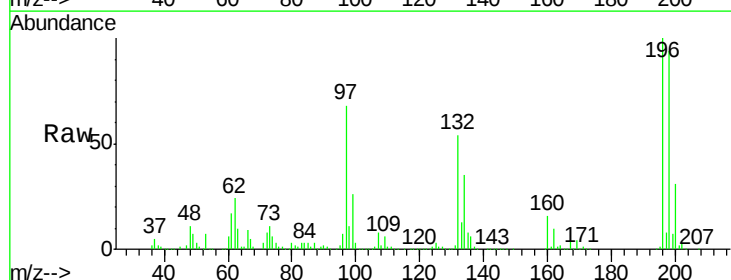


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

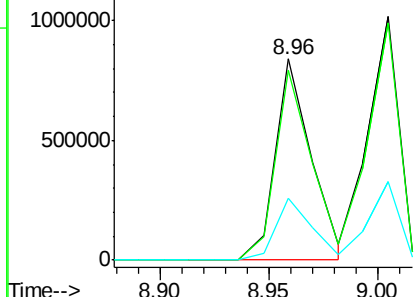
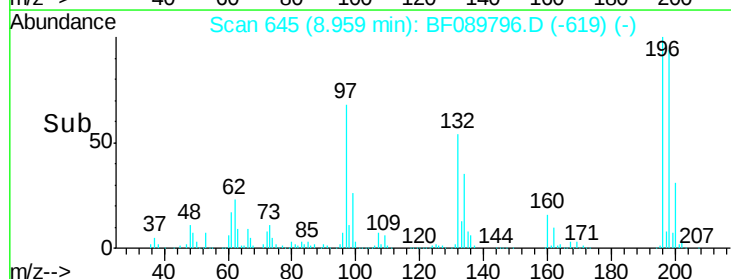


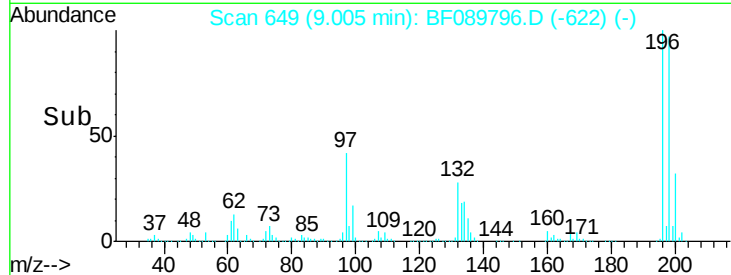
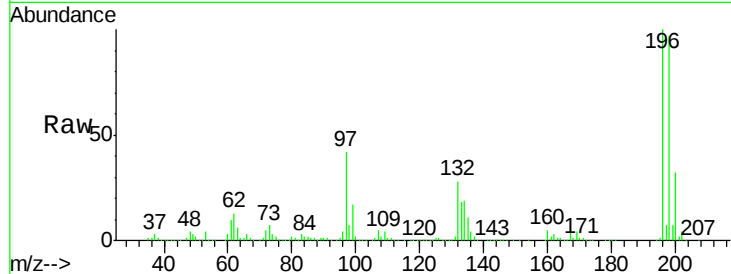
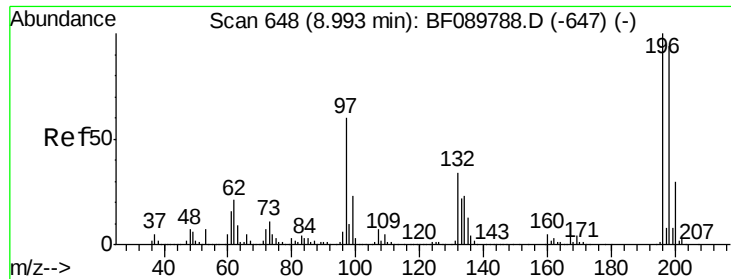
#42
 2,4,6-Trichlorophenol
 Concen: 45.70 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.3	114.5
200	30.7	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





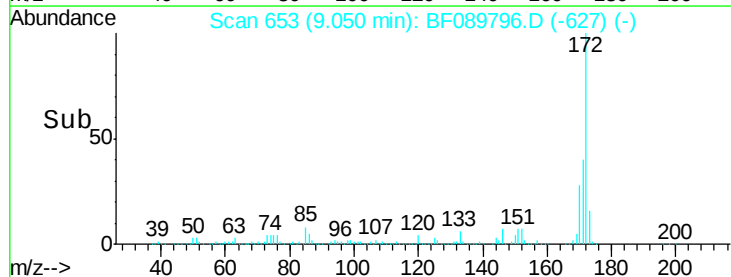
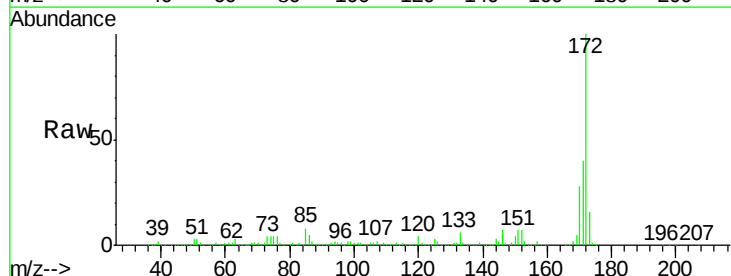
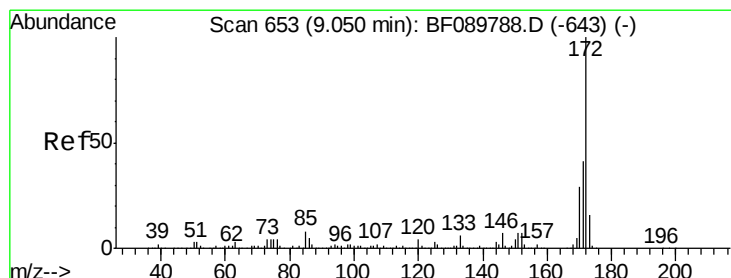
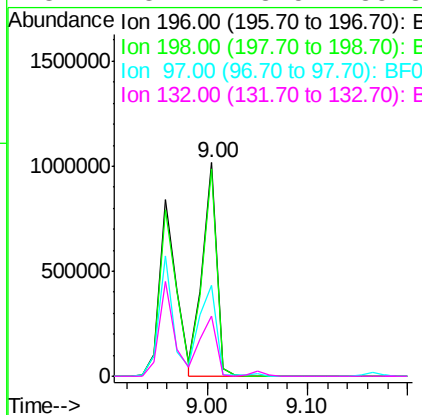
#43
2,4,5-Trichlorophenol
Concen: 47.54 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1007581		
198	97.4	76.6	114.8	
97	42.5	35.8	53.8	
132	28.4	23.5	35.3	

Instrument :
BNA_F
ClientSampleId :
PB92924BS

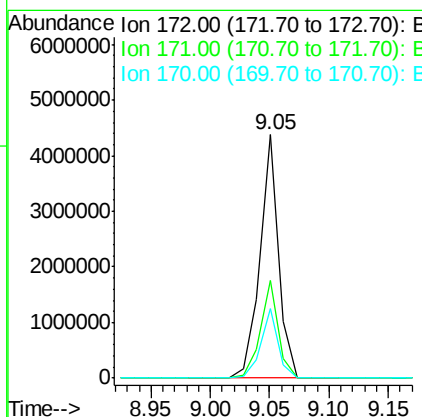
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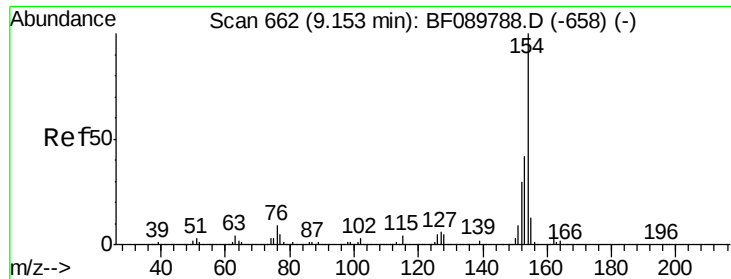
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#44
2-Fluorobiphenyl
Concen: 80.59 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4795986		
171	40.1	30.5	45.7	
170	28.3	20.6	31.0	





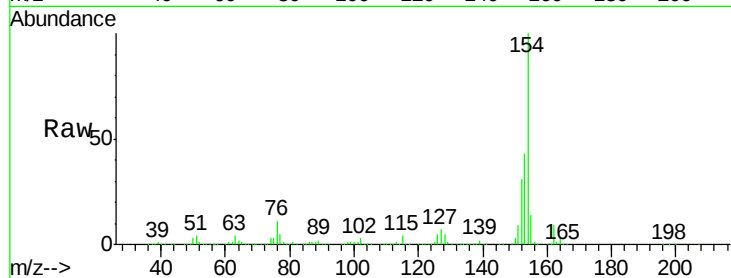
#45
 1,1'-Biphenyl
 Concen: 42.33 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

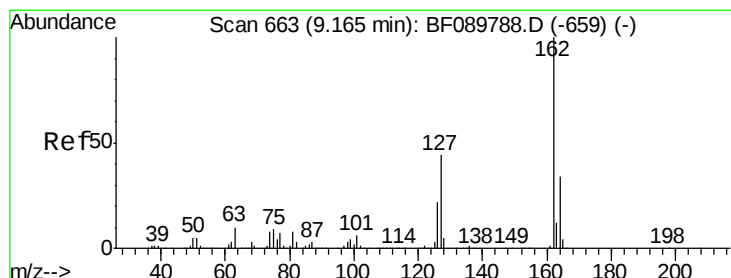
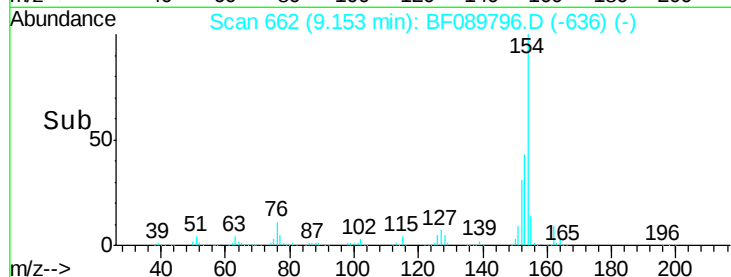
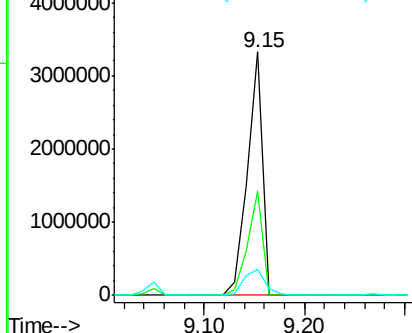
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.5	61.5
76	10.5	0.0	36.7

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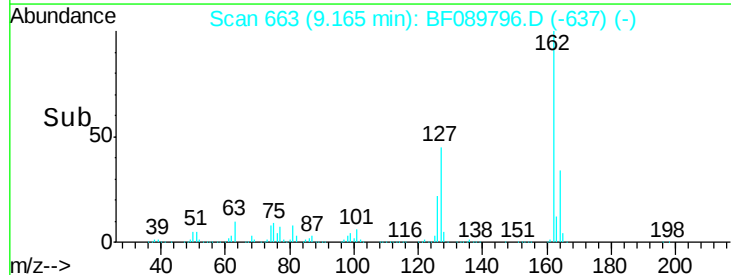
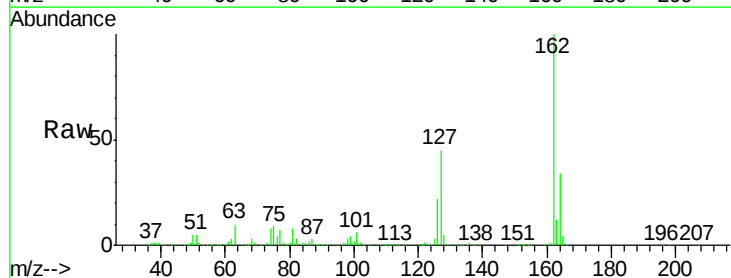
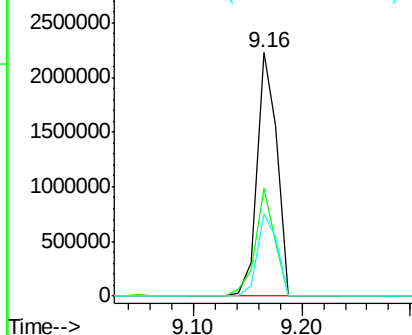
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

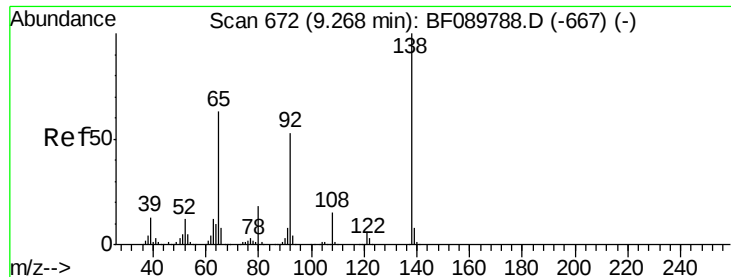


#46
 2-Chloronaphthalene
 Concen: 44.10 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.5	35.5	53.3
164	33.7	26.6	40.0

Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





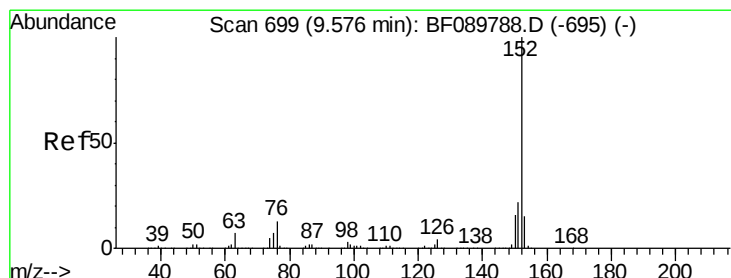
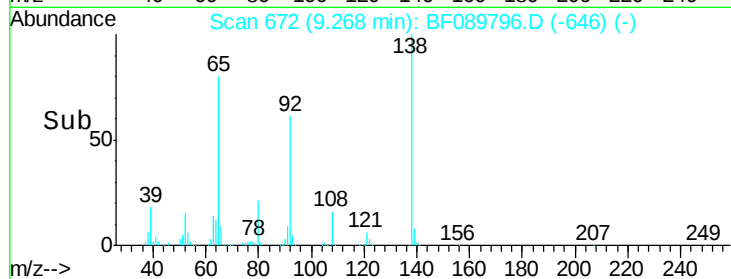
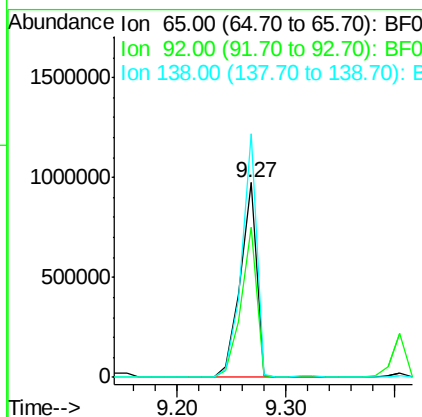
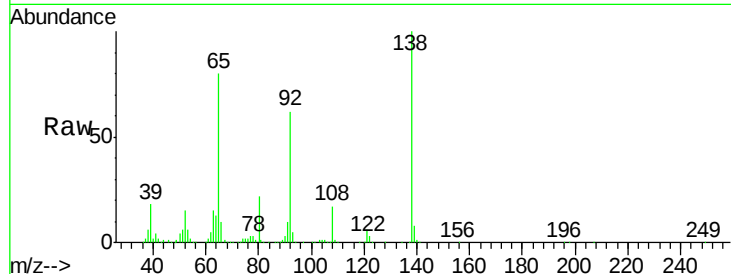
#47
2-Nitroaniline
Concen: 54.58 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	996115		
92	76.9	56.3	84.5	
138	125.1	81.8	122.8	

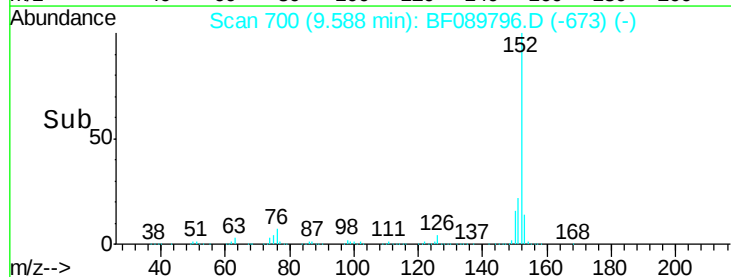
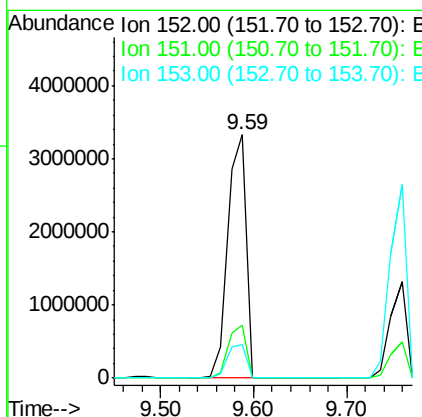
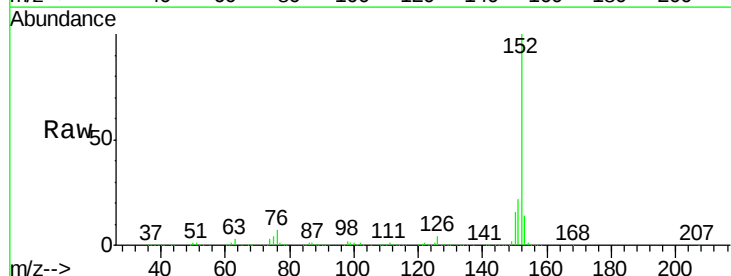
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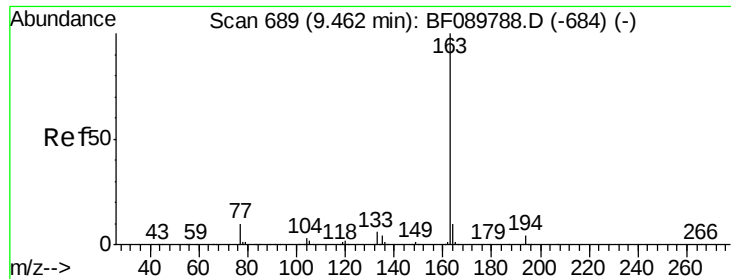
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#48
Acenaphthylene
Concen: 47.43 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	4560092		
151	21.9	17.1	25.7	
153	14.0	11.2	16.8	





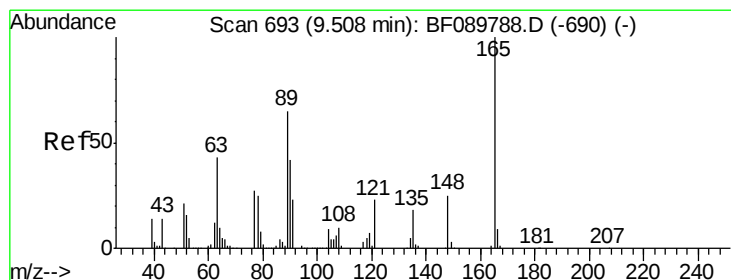
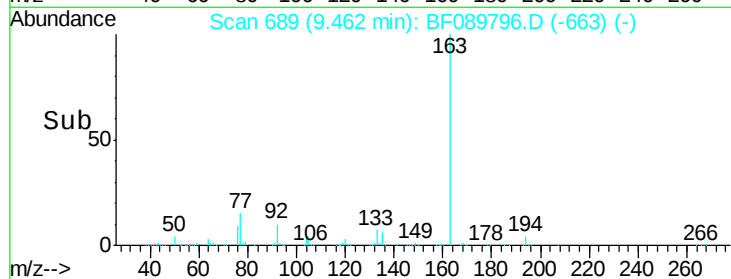
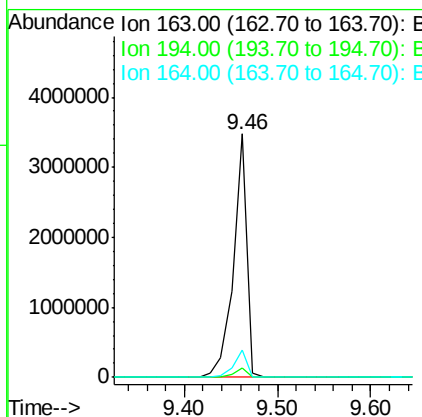
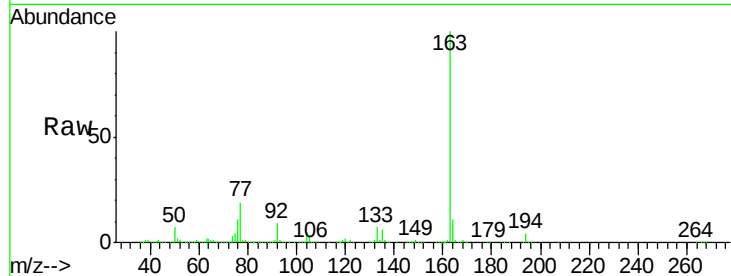
#49
Dimethylphthalate
Concen: 47.41 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:163 Resp: 3491653
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 11.3 8.6 12.8

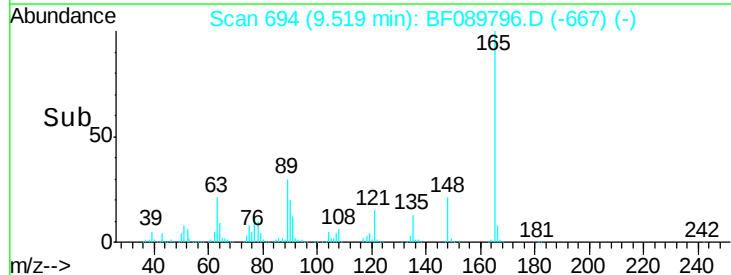
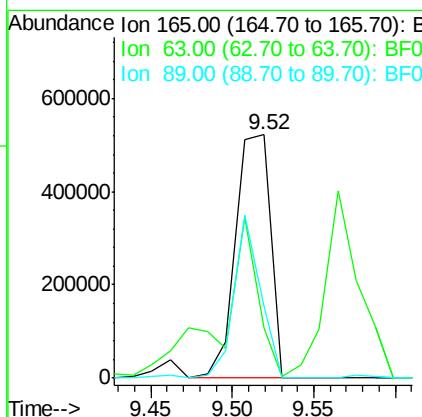
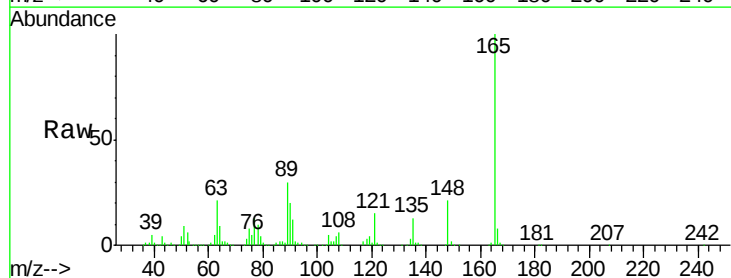
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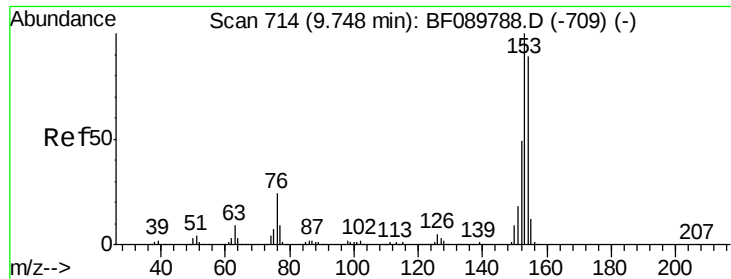
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#50
2,6-Dinitrotoluene
Concen: 45.26 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:165 Resp: 769562
Ion Ratio Lower Upper
165 100
63 20.7 41.7 62.5#
89 29.7 44.6 67.0#





#51

Acenaphthene

Concen: 52.55 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:154 Resp: 3343870

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

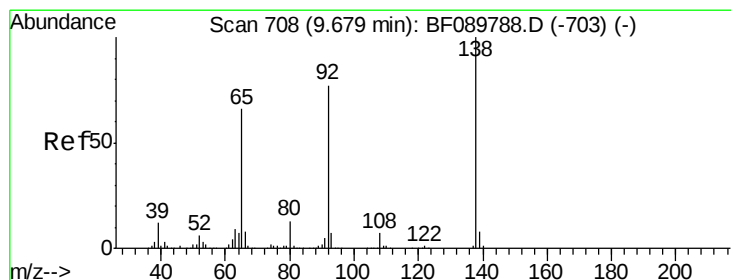
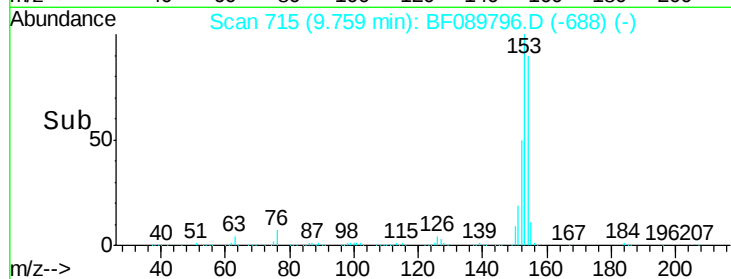
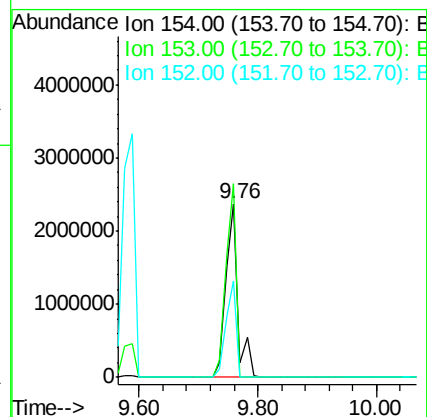
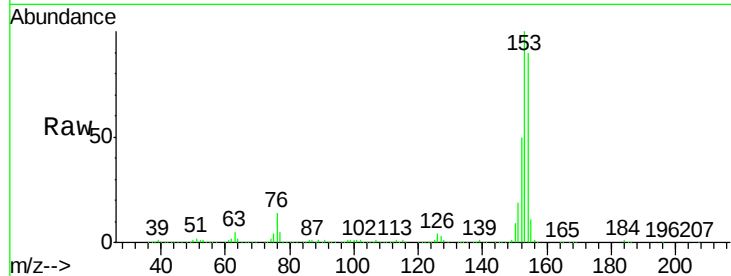
152 55.9 44.6 67.0

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#52

3-Nitroaniline

Concen: 25.91 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

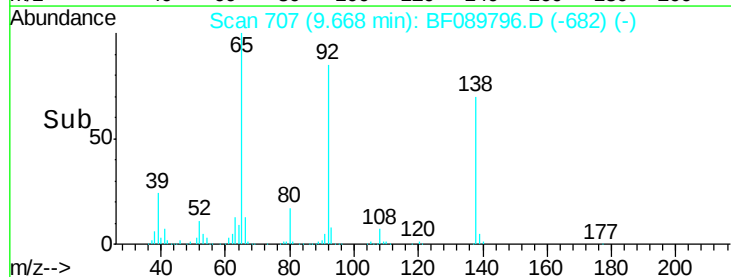
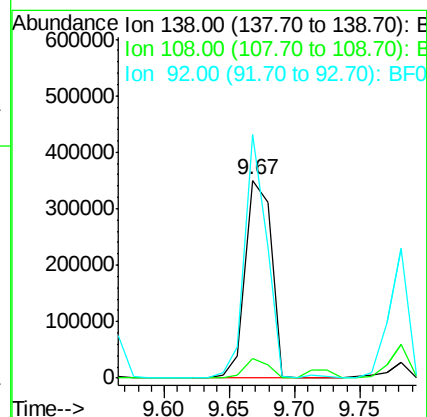
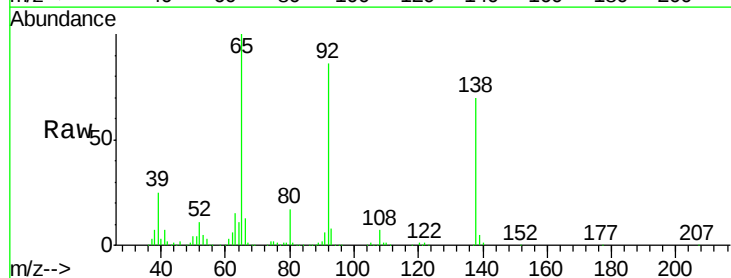
Tgt Ion:138 Resp: 488063

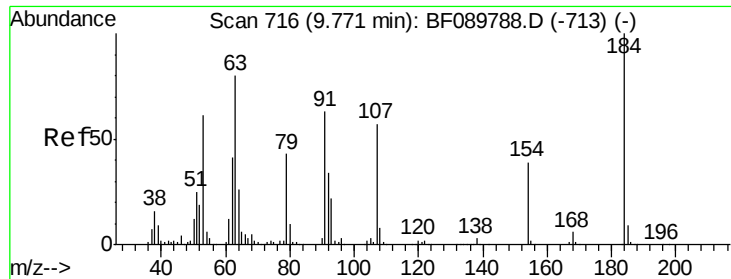
Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

92 123.2 92.7 139.1





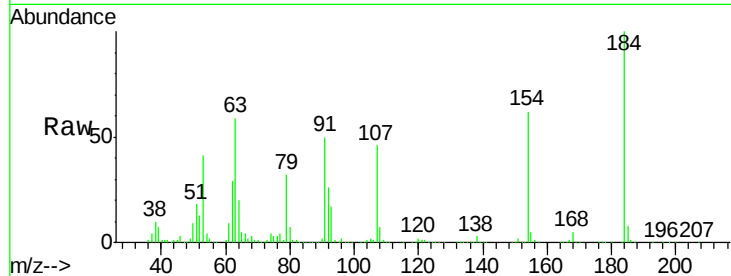
#53
2,4-Dinitrophenol
Concen: 81.80 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

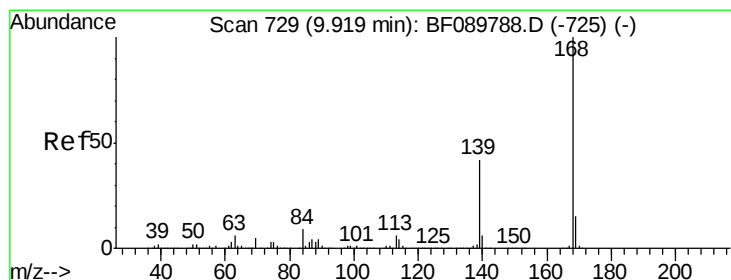
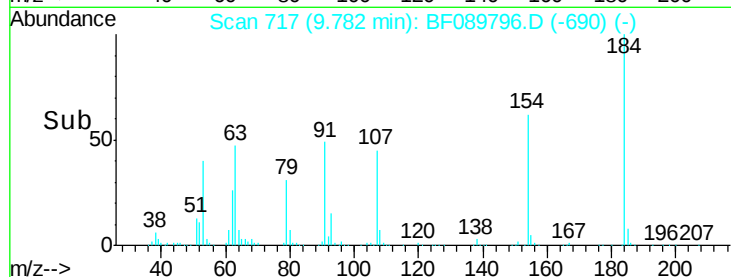
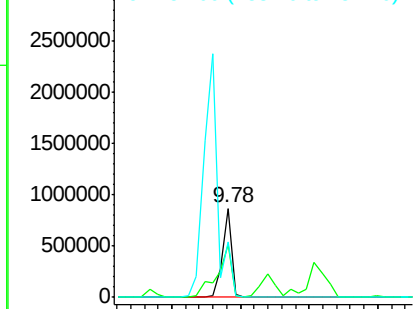
Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	54.2	81.4
154	62.4	52.7	79.1

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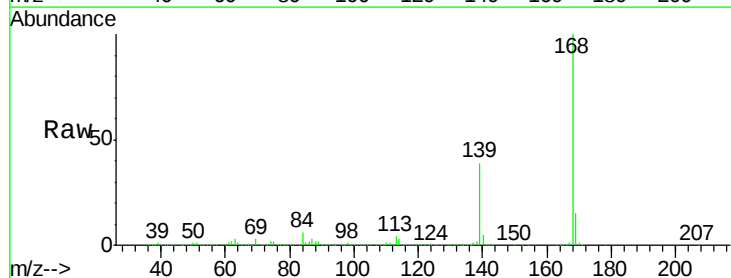


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

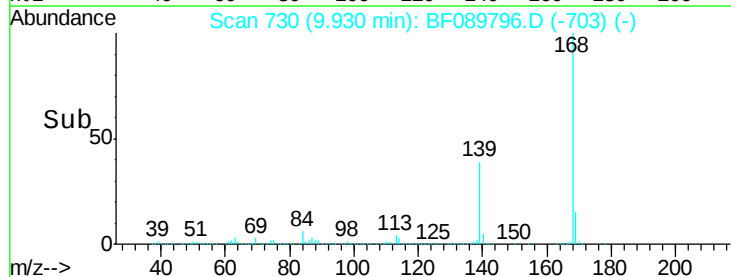
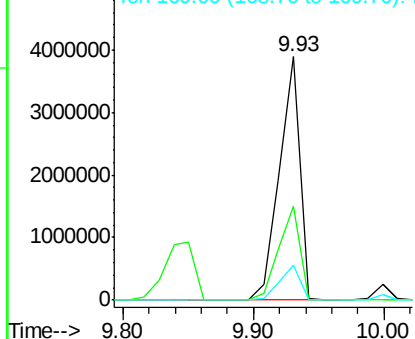


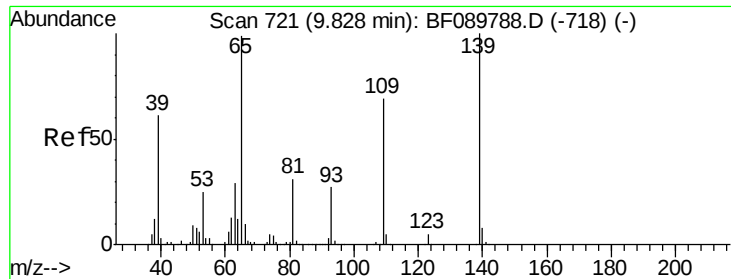
#54
Dibenzofuran
Concen: 52.21 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	34.6	52.0
169	14.6	11.5	17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





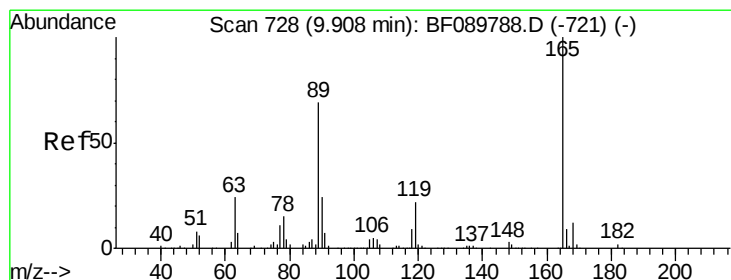
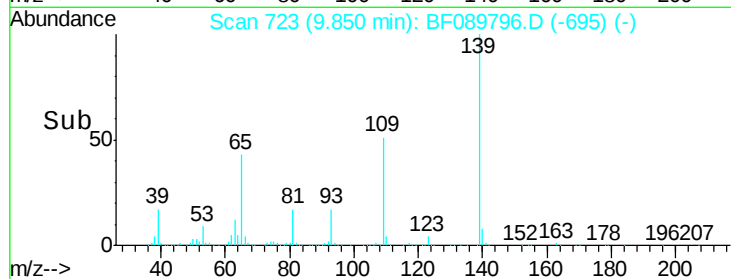
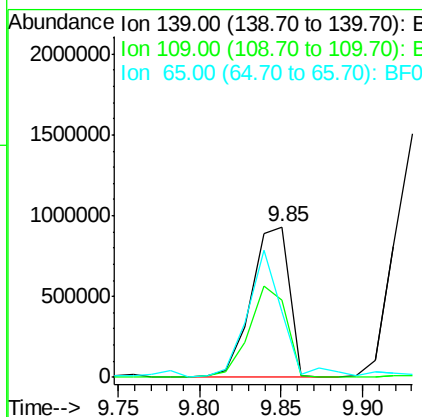
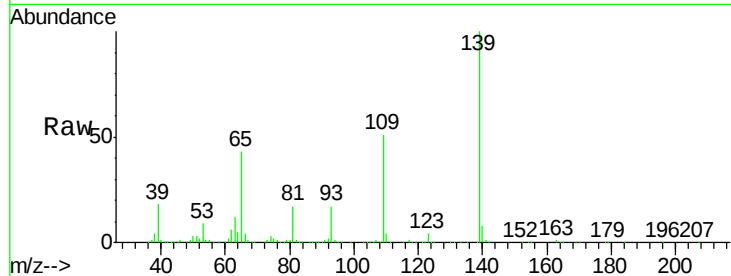
#55
4-Nitrophenol
Concen: 98.39 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.02 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:139 Resp: 1512938
Ion Ratio Lower Upper
139 100
109 51.2 43.0 83.0
65 43.3 55.7 95.7#

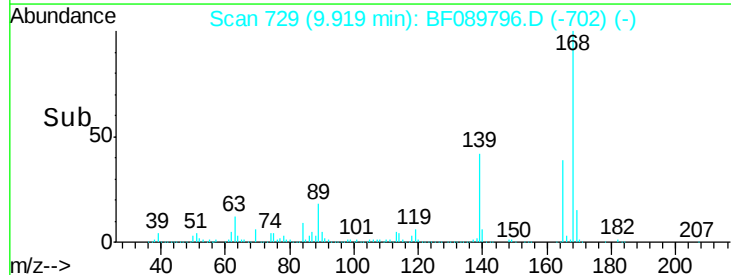
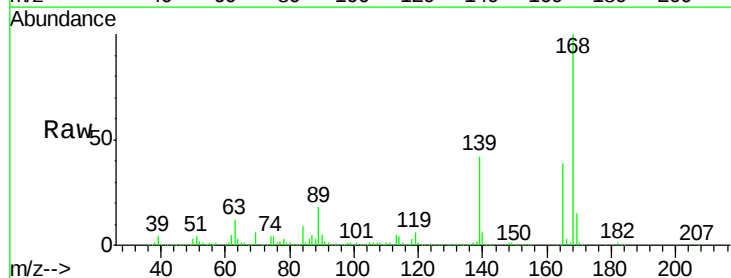
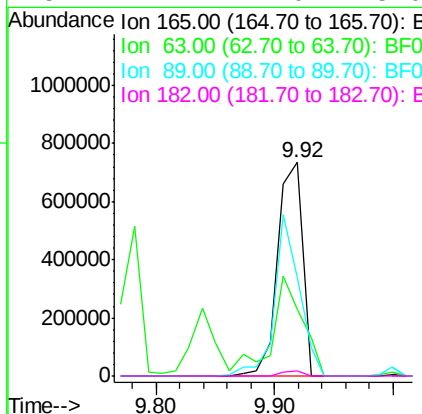
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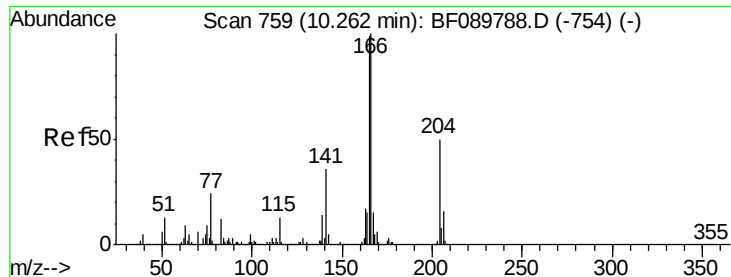
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#56
2,4-Dinitrotoluene
Concen: 47.89 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:165 Resp: 1056462
Ion Ratio Lower Upper
165 100
63 31.2 23.7 35.5
89 46.2 44.0 66.0
182 2.2 2.0 3.0





#57

Fluorene

Concen: 46.13 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampled :

PB92924BS

Tgt Ion:166 Resp: 2938301

Ion Ratio Lower Upper

166 100

165 98.8 80.2 120.4

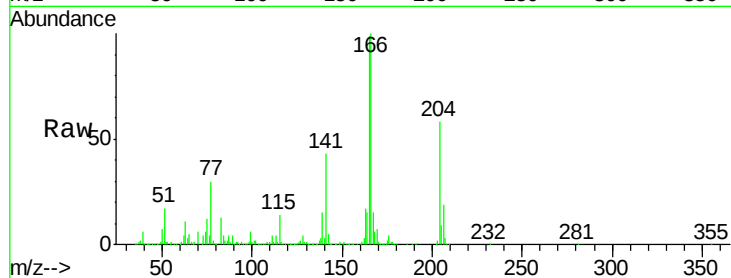
167 15.0 11.3 16.9

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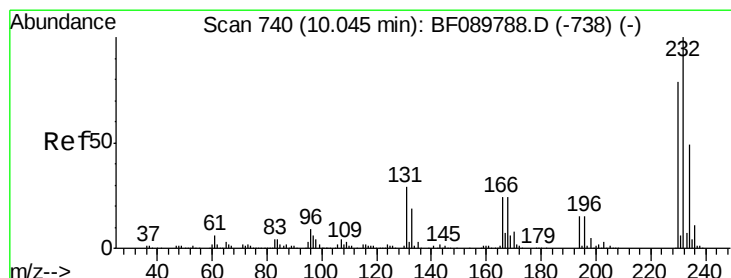
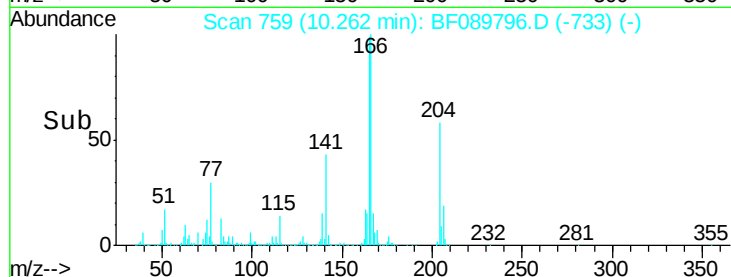
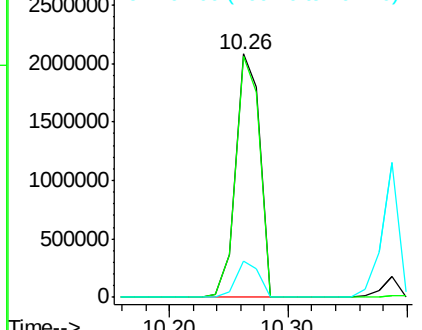


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.19 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion:232 Resp: 820487

Ion Ratio Lower Upper

232 100

131 53.4 42.5 63.7

130 2.4 2.2 3.4

166 34.7 27.3 40.9

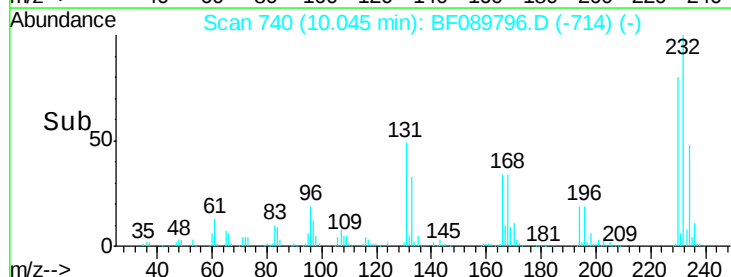
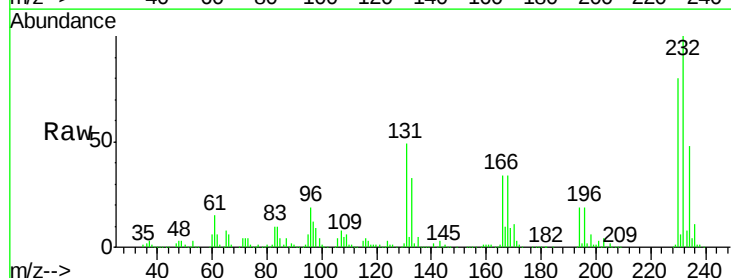
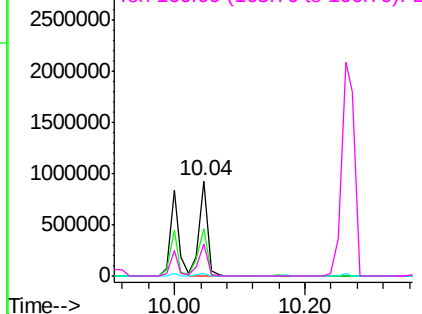
Abundance

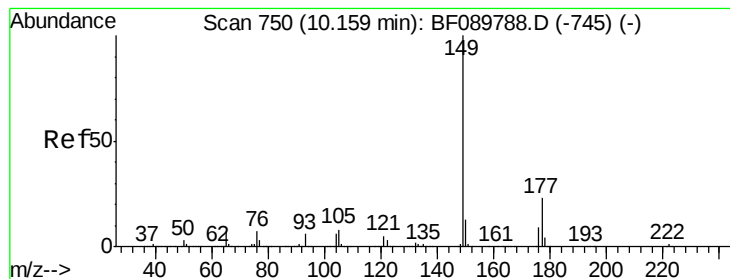
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.06 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:149 Resp: 3296165

Ion Ratio Lower Upper

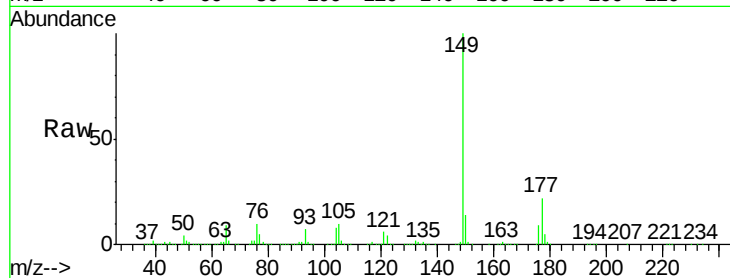
149 100

177 22.5 16.6 25.0

150 13.6 10.5 15.7

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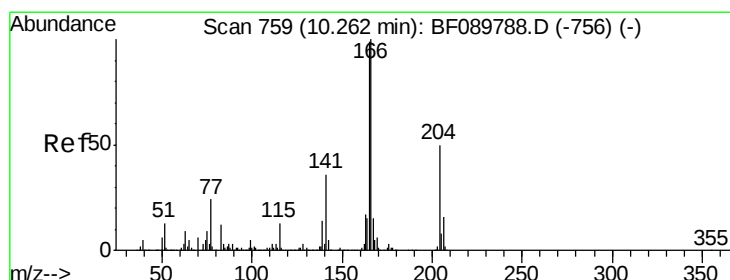
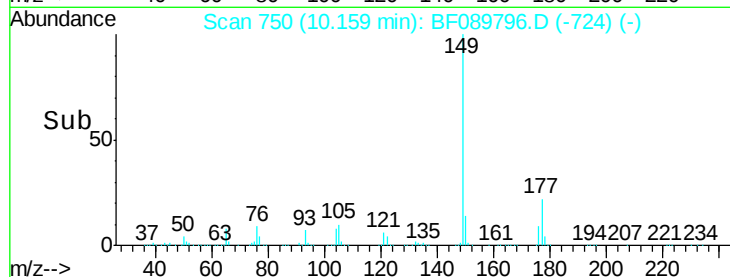
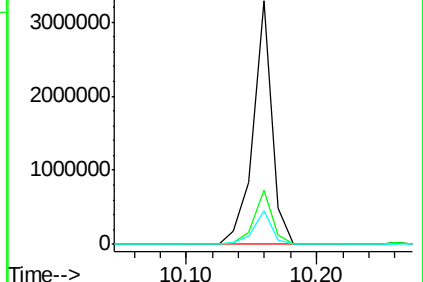
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.04 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

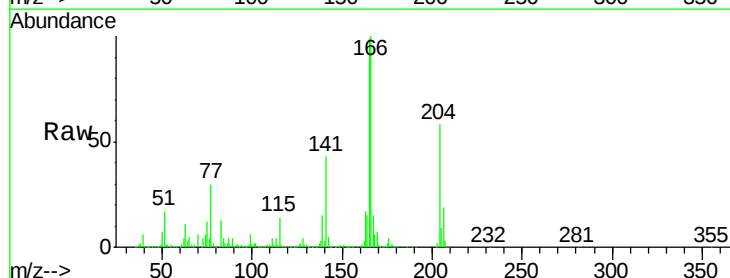
Tgt Ion:204 Resp: 1192438

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

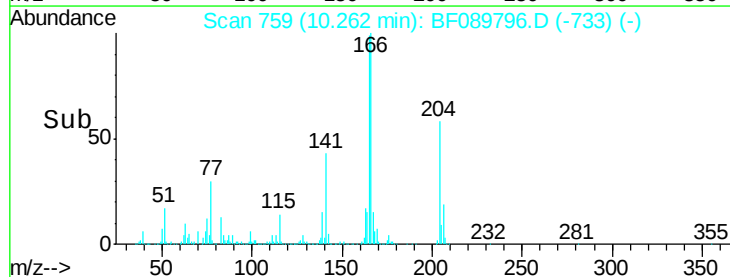
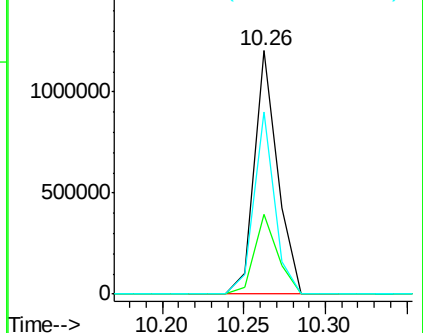
141 74.7 54.1 81.1

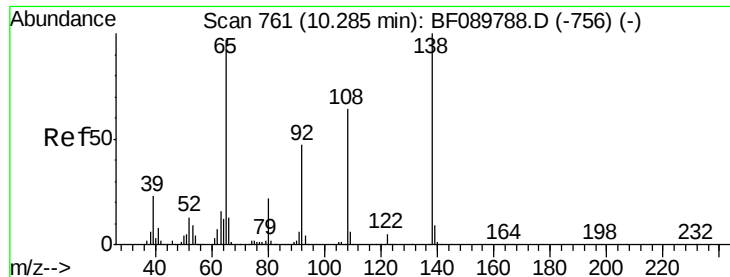


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





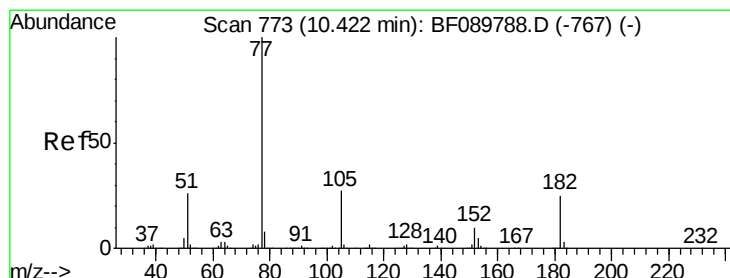
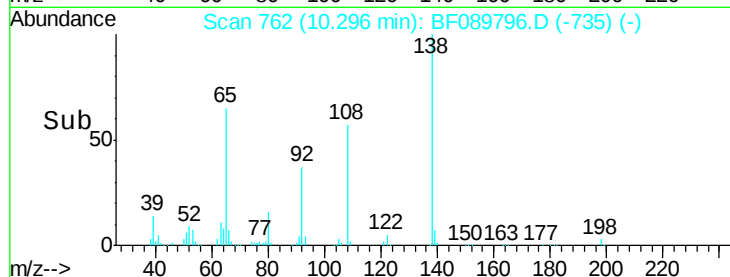
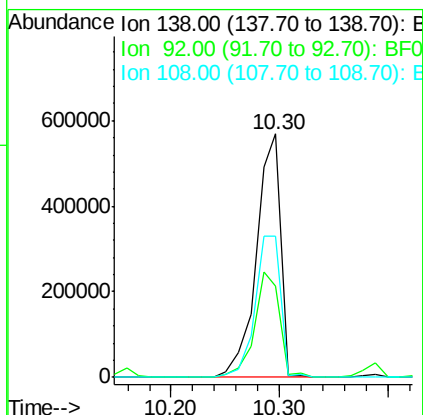
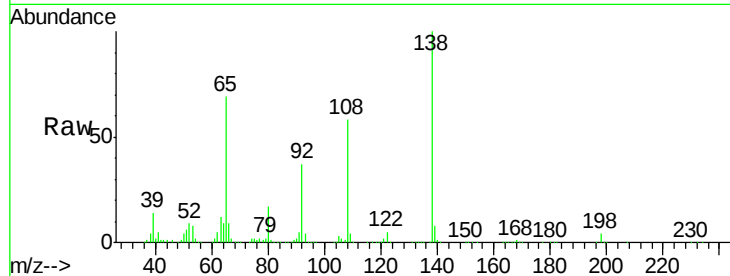
#61
4-Nitroaniline
Concen: 50.01 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	37.3	26.4	66.4
108	58.2	47.0	87.0

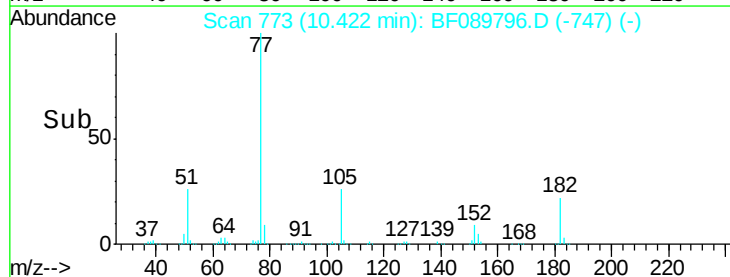
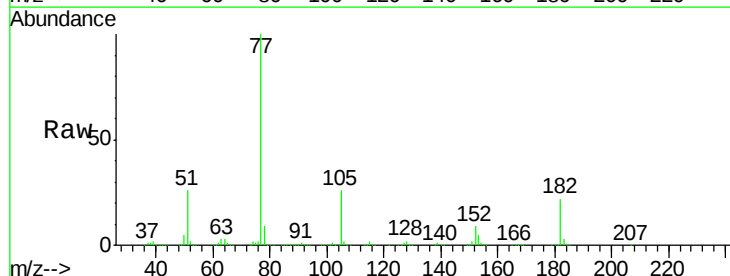
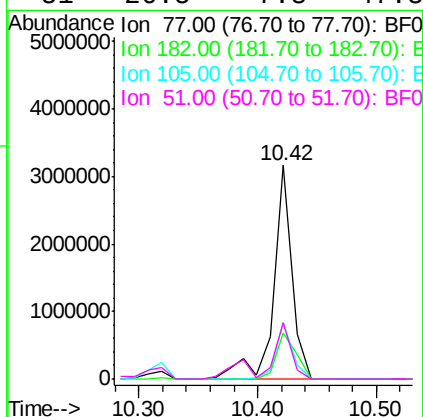
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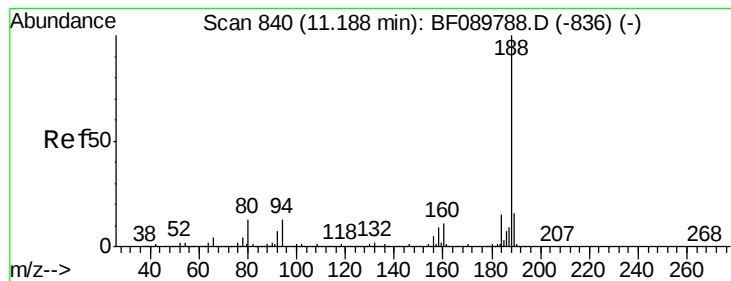
umangi
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#62
Azobenzene
Concen: 48.79 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	5.6	45.6
105	26.1	4.0	44.0
51	26.5	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:188 Resp: 1900374

Ion Ratio Lower Upper

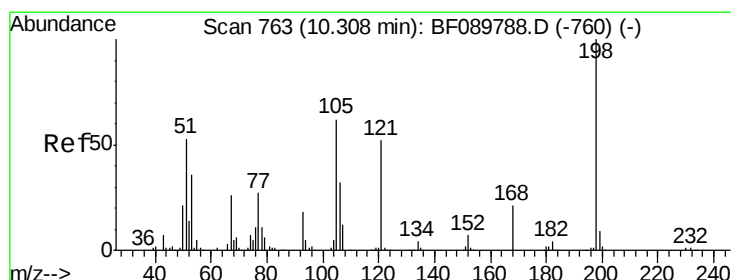
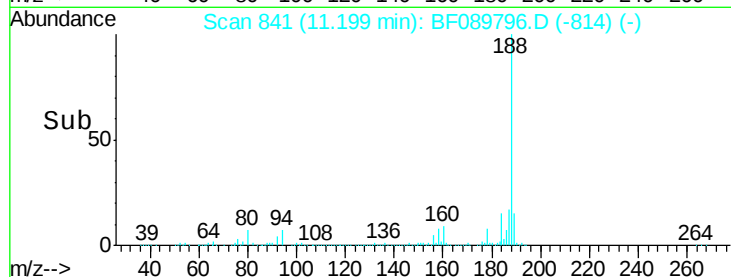
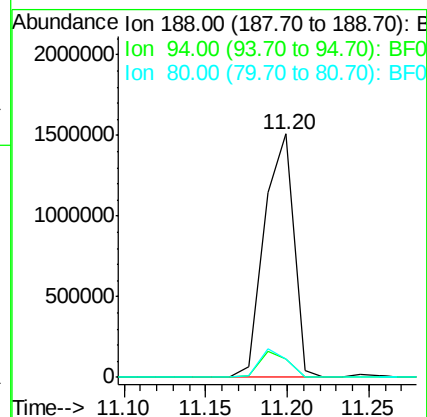
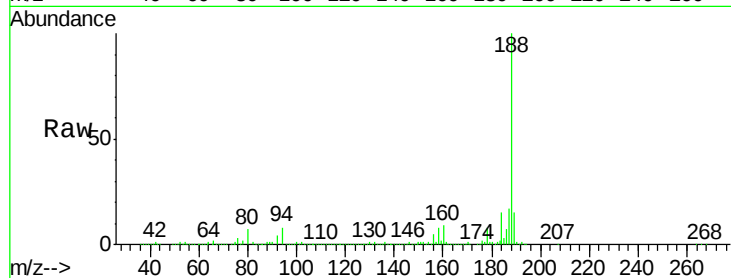
188 100

94 7.6 10.2 15.2#

80 7.3 10.9 16.3#

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#64

4,6-Dinitro-2-methylphenol

Concen: 50.57 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

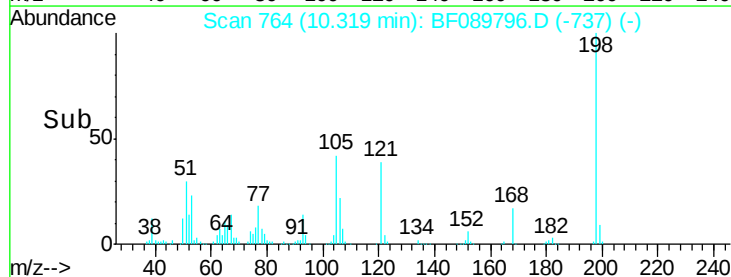
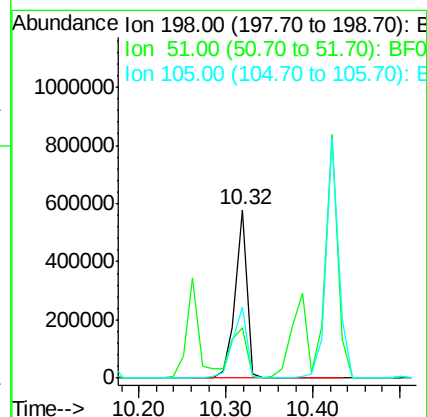
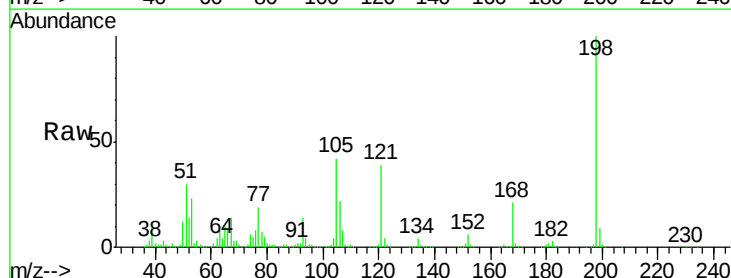
Tgt Ion:198 Resp: 552202

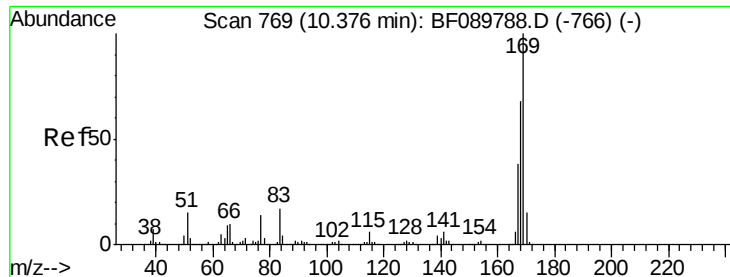
Ion Ratio Lower Upper

198 100

51 29.6 32.3 72.3#

105 41.7 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 48.06 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:169 Resp: 2871759

Ion Ratio Lower Upper

169 100

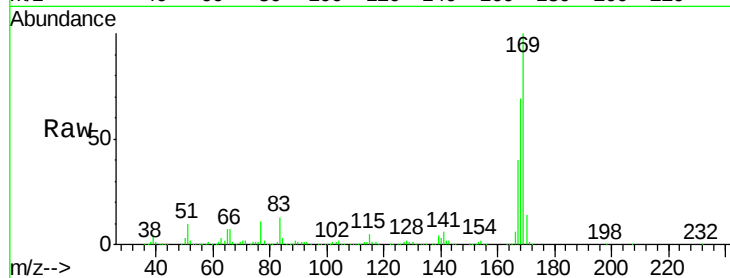
168 69.1 54.6 82.0

167 39.8 30.6 45.8

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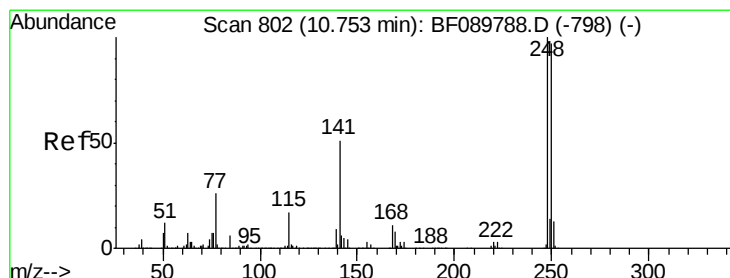
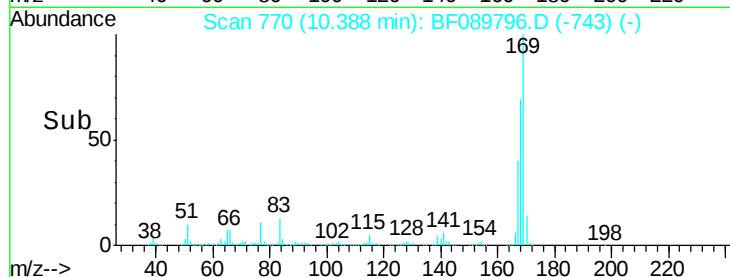
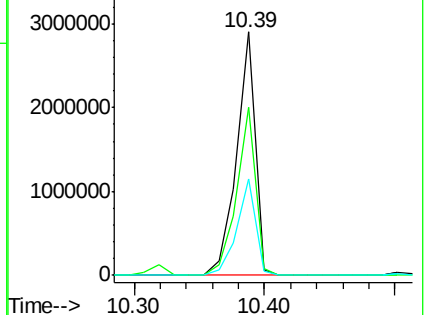
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.30 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

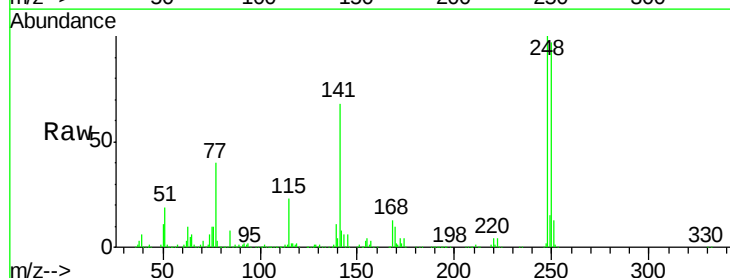
Tgt Ion:248 Resp: 902657

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

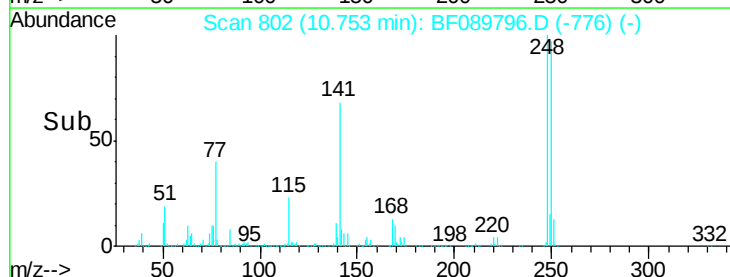
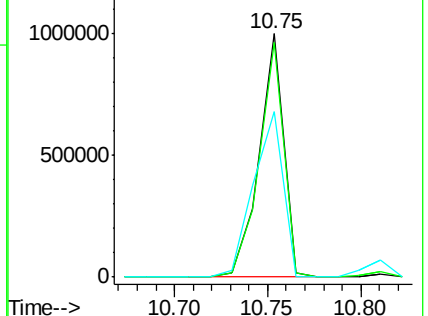
141 67.9 31.4 47.2#

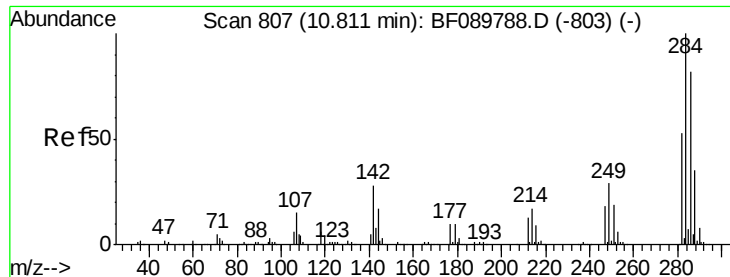


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





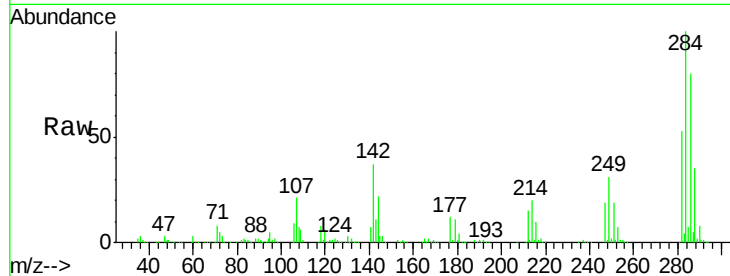
#67
Hexachlorobenzene
Concen: 41.66 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

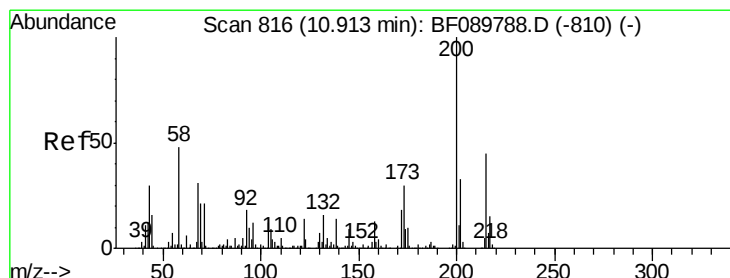
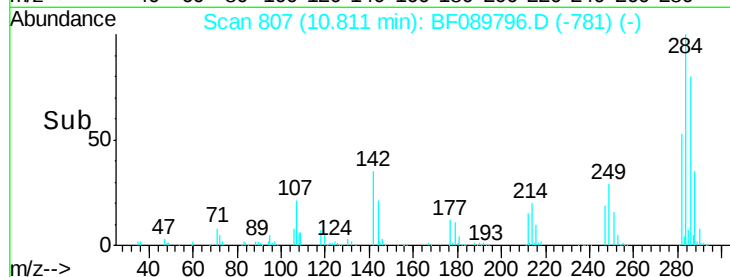
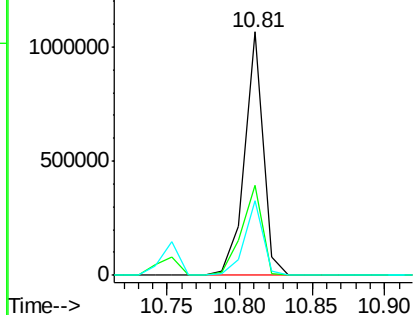
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	946993		
142	37.2	17.4	26.2	
249	30.7	22.8	34.2	

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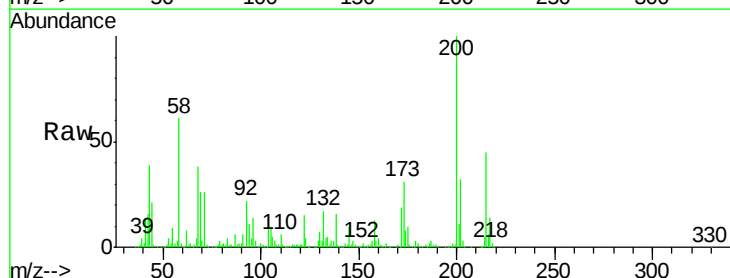


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

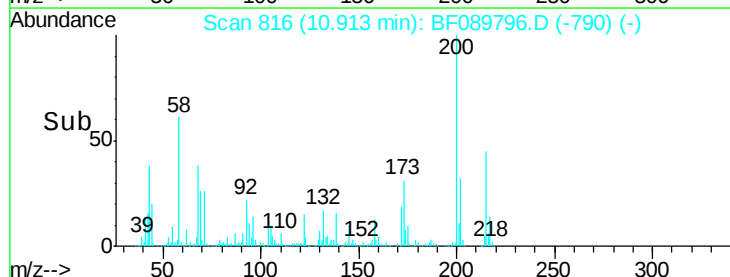
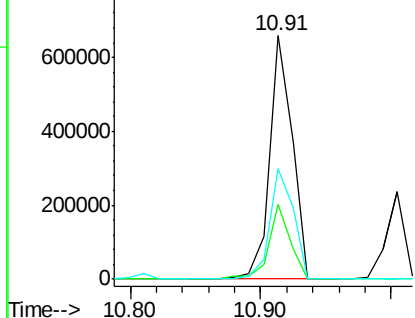


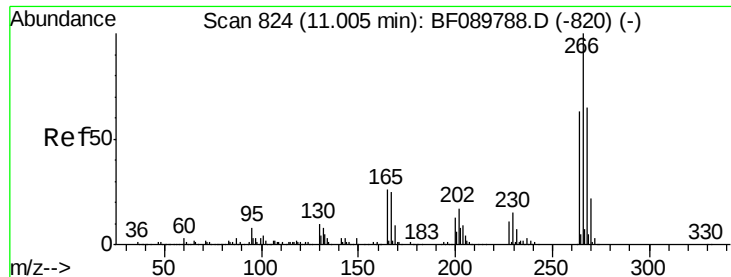
#68
Atrazine
Concen: 43.57 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	797329		
173	30.6	6.6	46.6	
215	45.2	24.7	64.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





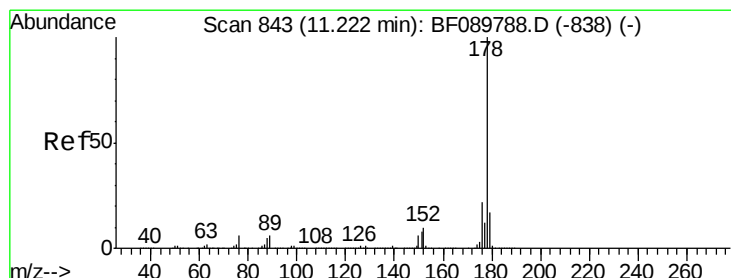
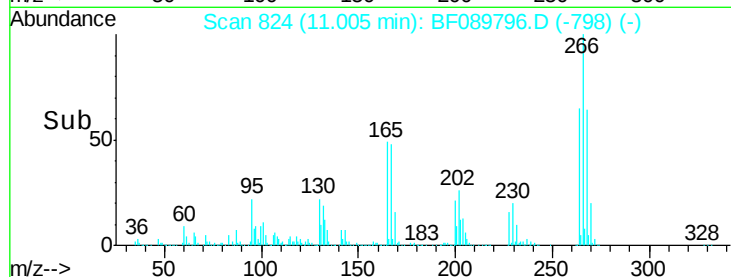
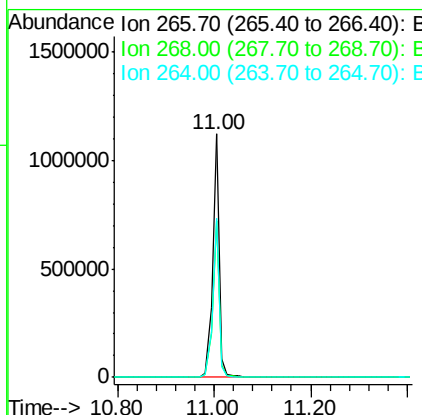
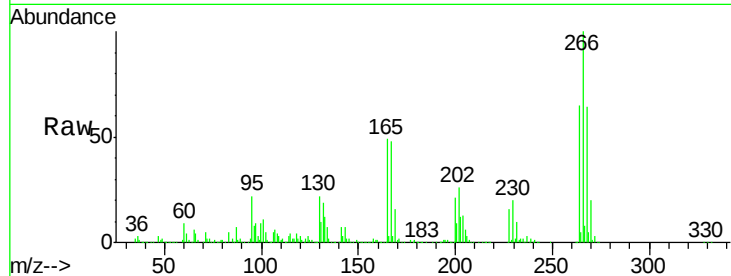
#69
 Pentachlorophenol
 Concen: 85.20 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	53.2	79.8
264	65.4	51.1	76.7

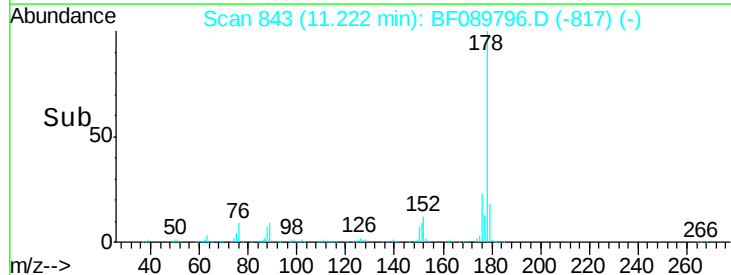
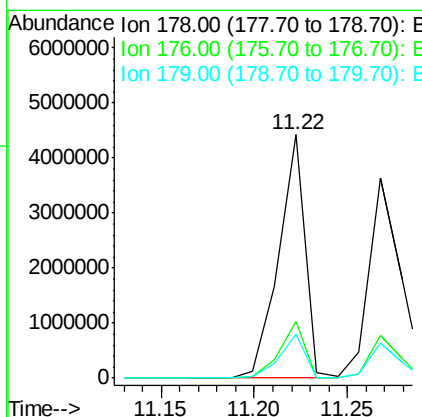
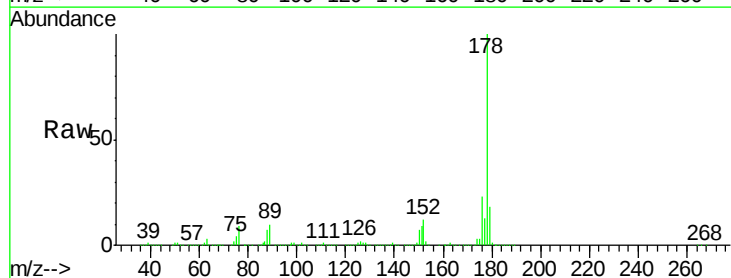
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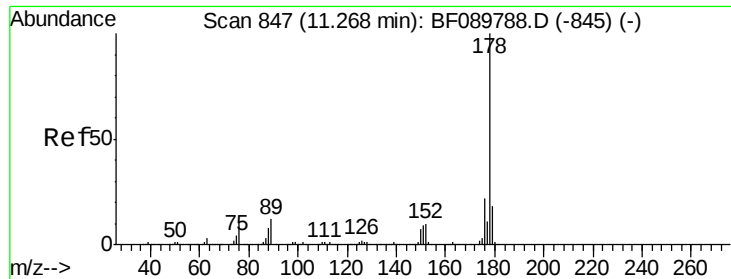
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#70
 Phenanthrene
 Concen: 45.44 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.1	16.4	24.6
179	17.9	12.5	18.7





#71

Anthracene

Concen: 41.75 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:178 Resp: 4073362

Ion Ratio Lower Upper

178 100

176 21.5 16.4 24.6

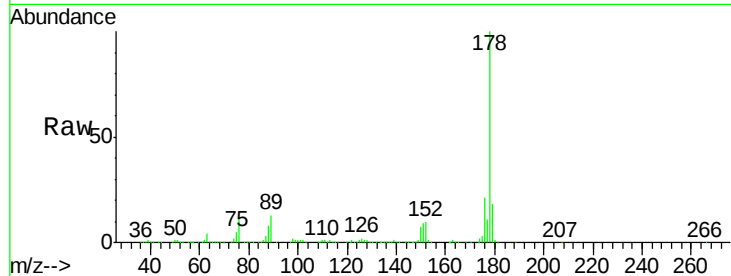
179 17.6 13.1 19.7

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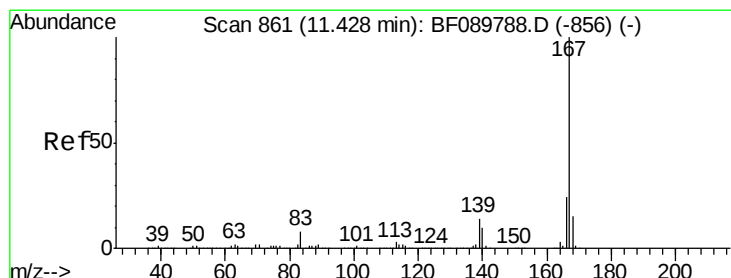
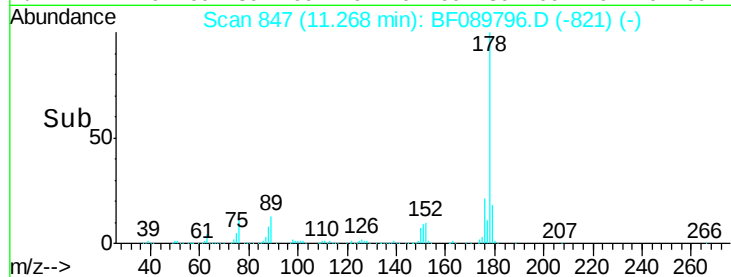
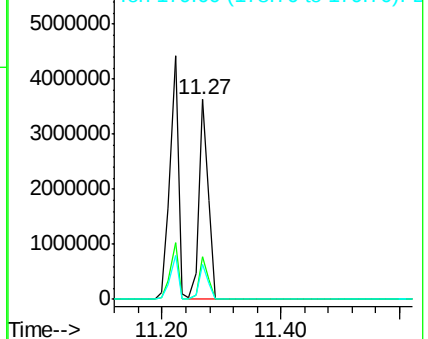
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.16 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

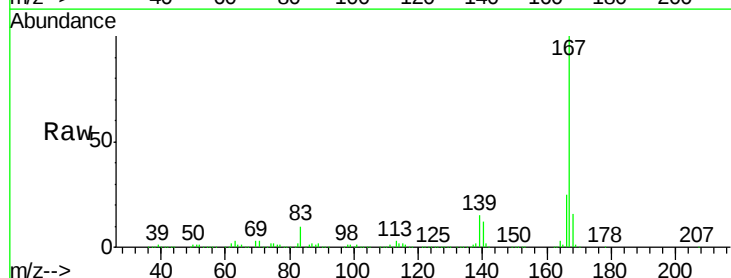
Tgt Ion:167 Resp: 4039343

Ion Ratio Lower Upper

167 100

166 24.9 17.9 26.9

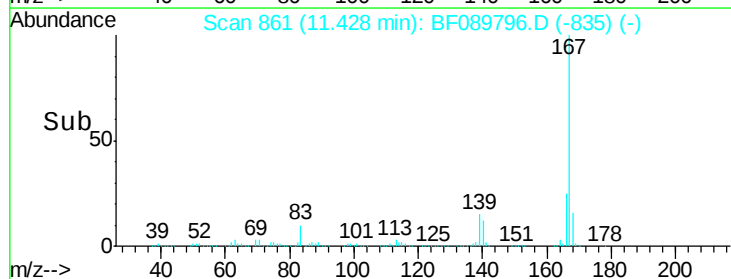
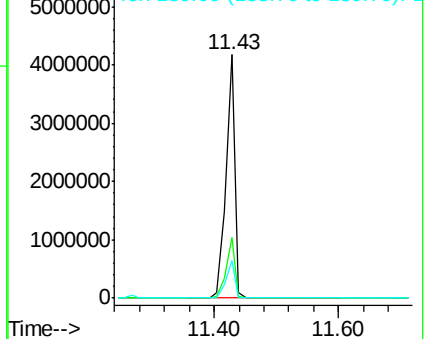
139 15.2 12.4 18.6

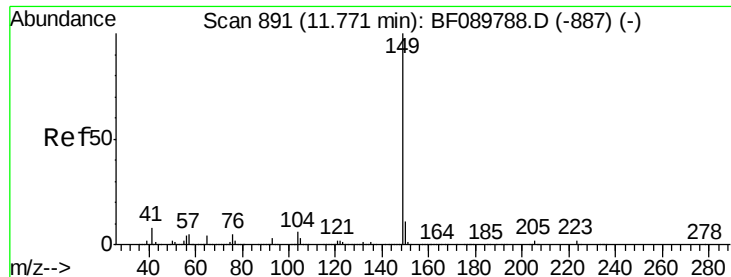


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.70 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:149 Resp: 4894243

Ion Ratio Lower Upper

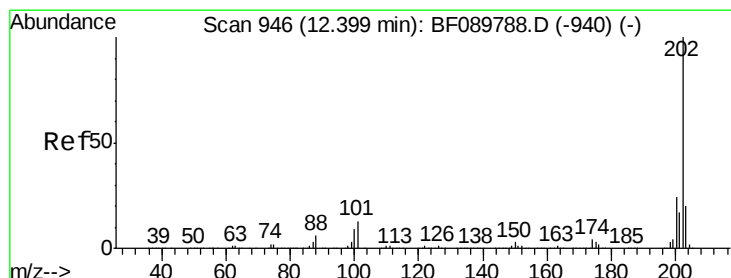
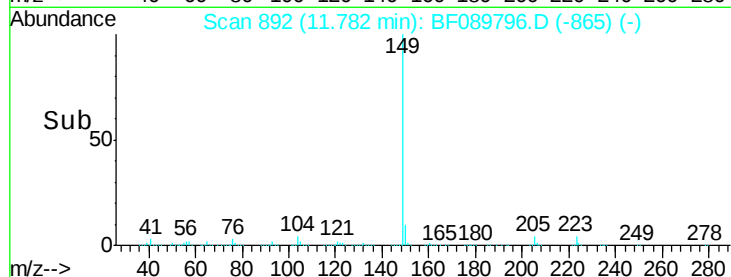
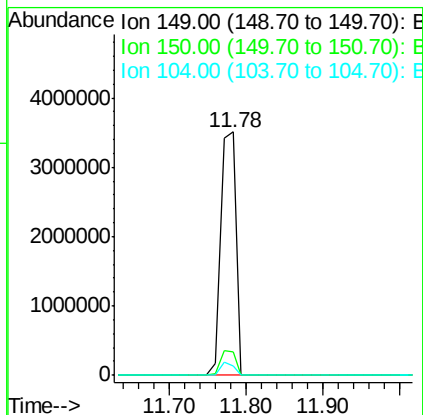
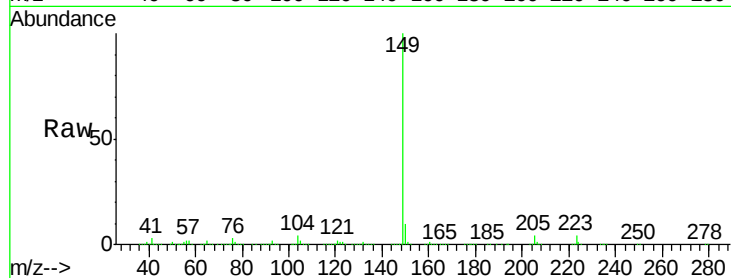
149 100

150 9.9 7.9 11.9

104 3.6 4.3 6.5#

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#74

Fluoranthene

Concen: 41.59 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

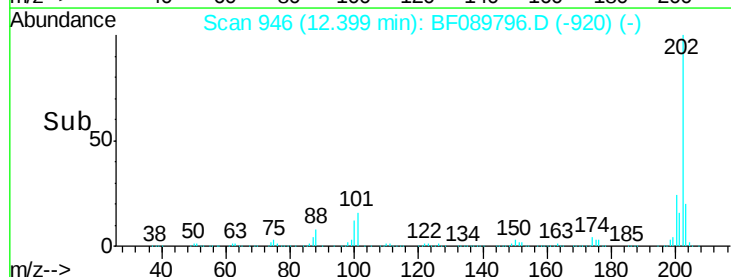
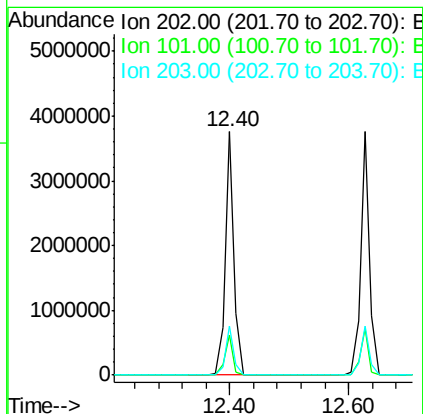
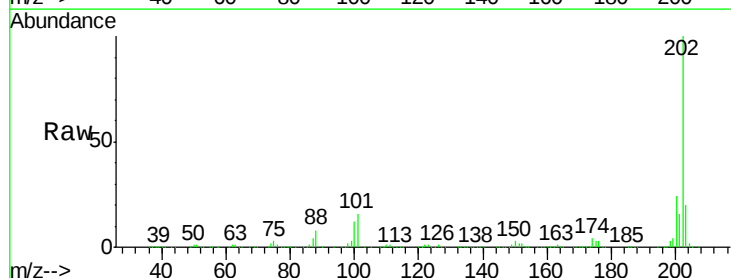
Tgt Ion:202 Resp: 3796925

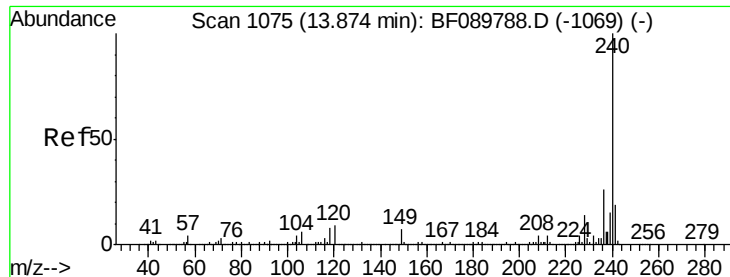
Ion Ratio Lower Upper

202 100

101 16.4 0.0 31.2

203 19.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

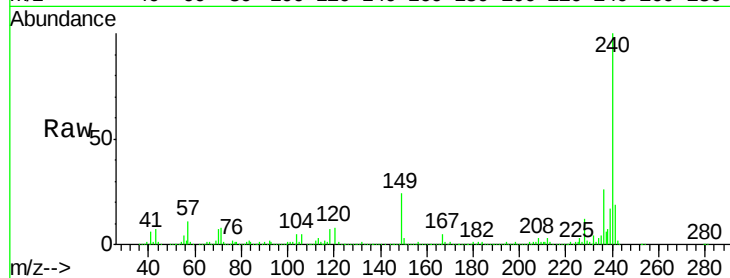
ClientSampleId :

PB92924BS

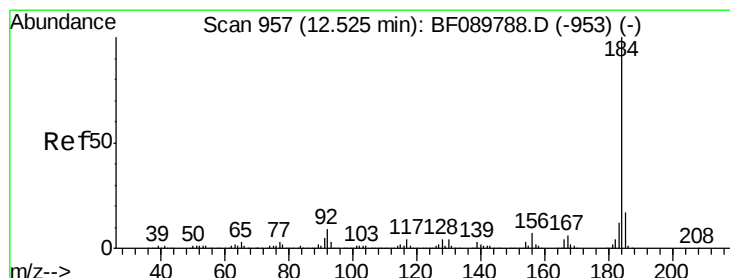
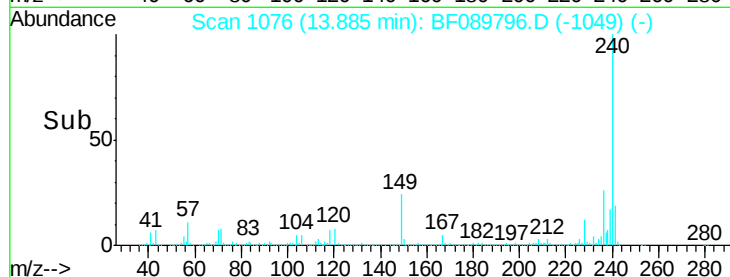
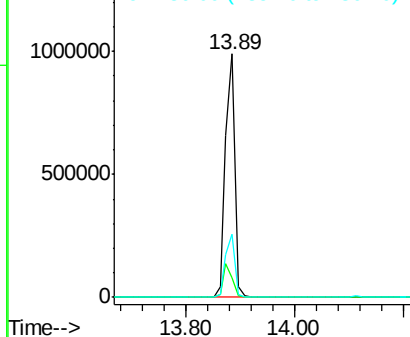
Tgt Ion:240 Resp: 1207885
 Ion Ratio Lower Upper
 240 100
 120 8.0 8.3 12.5#
 236 26.1 21.3 31.9

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.79 ng

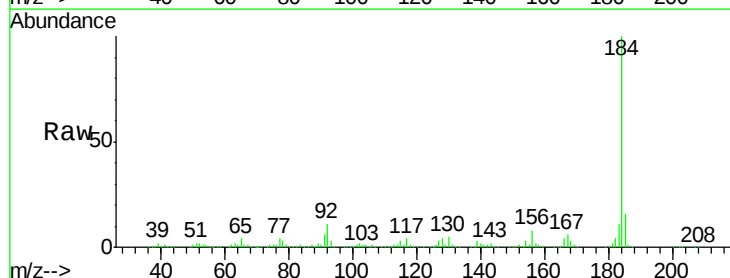
RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

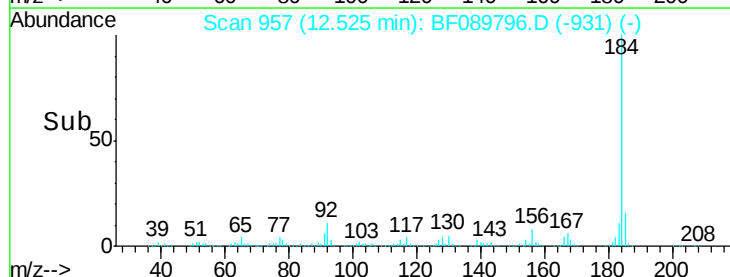
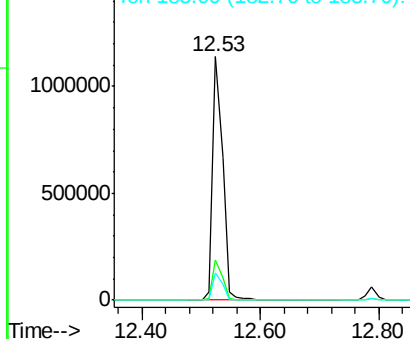
Lab File: BF089796.D

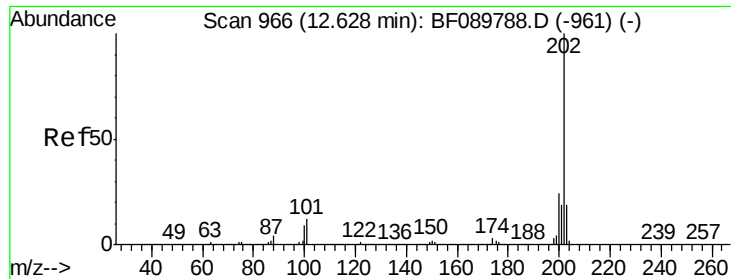
Acq: 19 Aug 2016 15:36

Tgt Ion:184 Resp: 1320917
 Ion Ratio Lower Upper
 184 100
 185 16.2 13.8 20.8
 183 11.2 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.91 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:202 Resp: 3827450

Ion Ratio Lower Upper

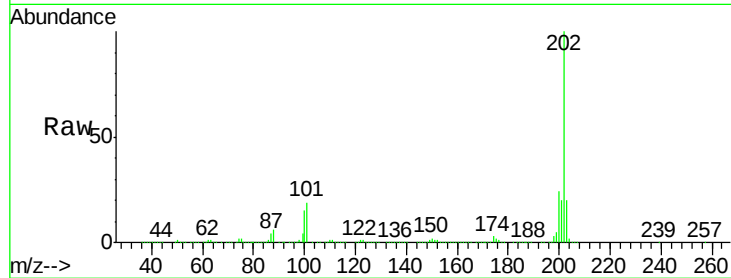
202 100

200 24.4 17.8 26.6

203 20.2 14.2 21.4

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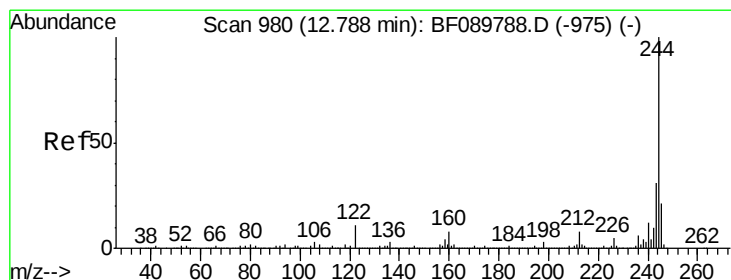
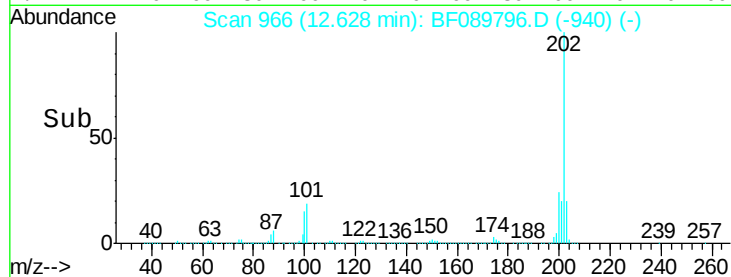
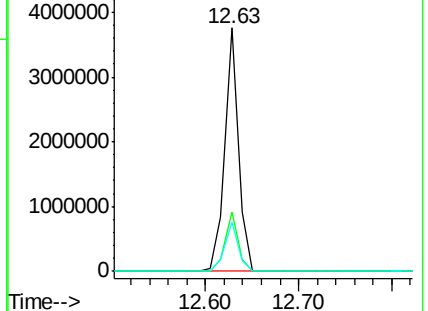
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.40 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

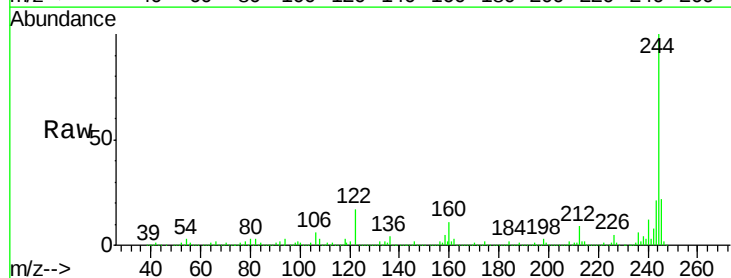
Tgt Ion:244 Resp: 4185919

Ion Ratio Lower Upper

244 100

212 8.8 6.3 9.5

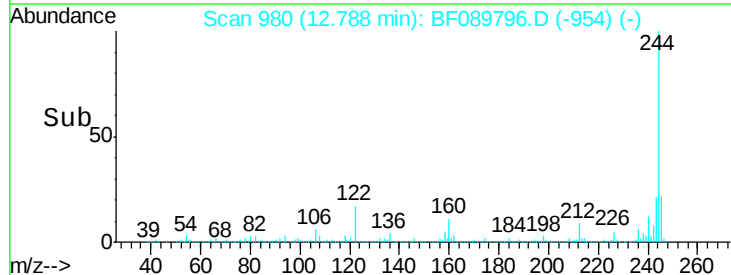
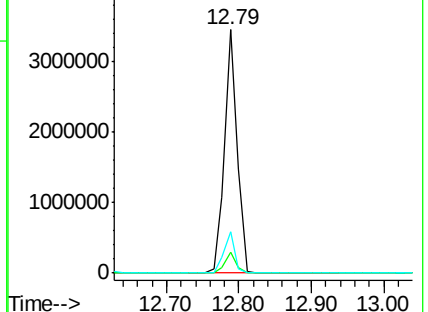
122 16.9 12.0 18.0

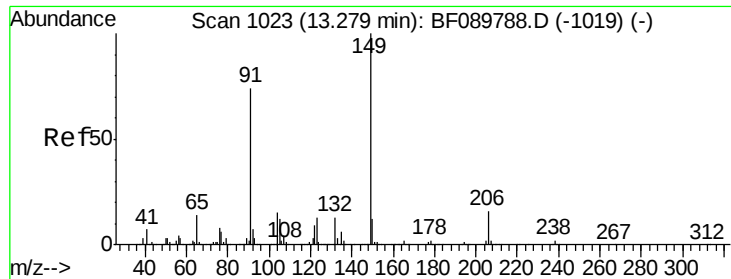


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





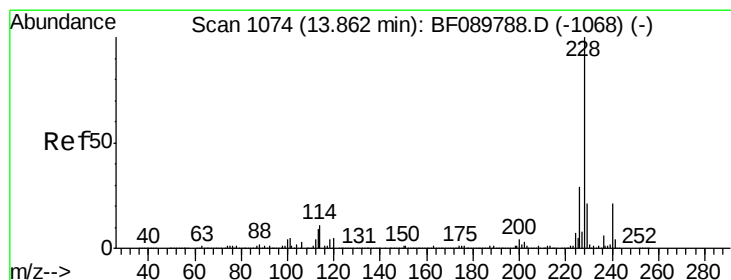
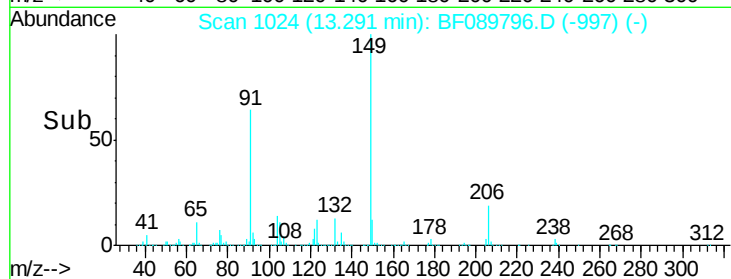
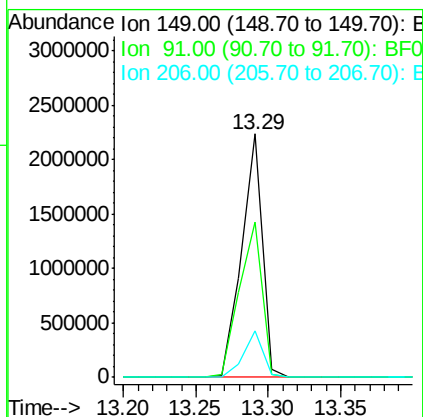
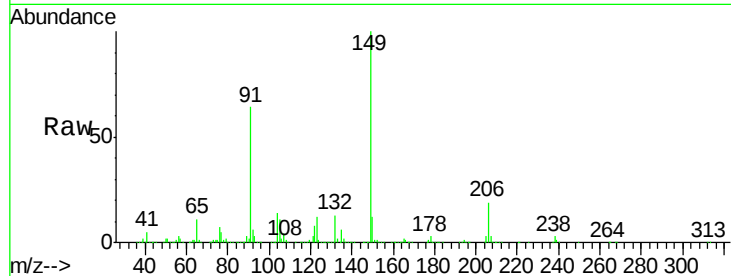
#79
Butylbenzylphthalate
Concen: 50.13 ng
RT: 13.29 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:149 Resp: 2226795
Ion Ratio Lower Upper
149 100
91 63.8 50.7 76.1
206 18.9 15.5 23.3

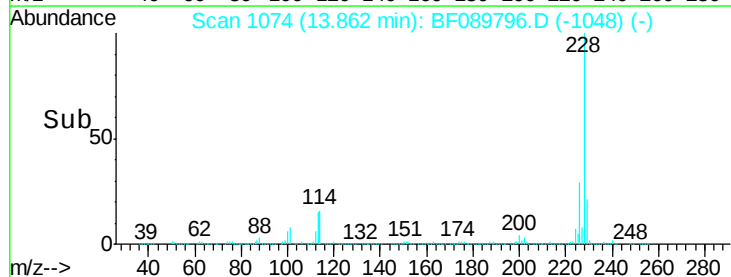
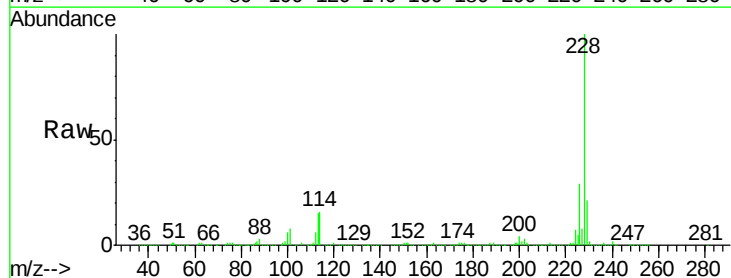
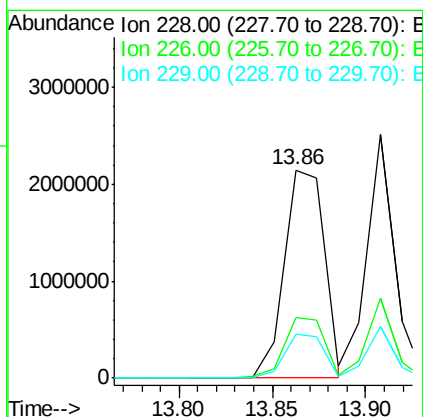
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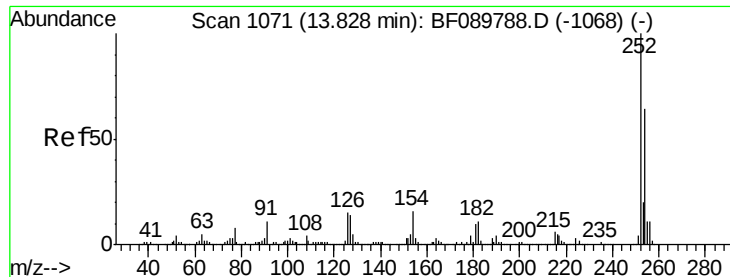
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#80
Benzo(a)anthracene
Concen: 46.73 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:228 Resp: 3232480
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 21.4 16.2 24.4





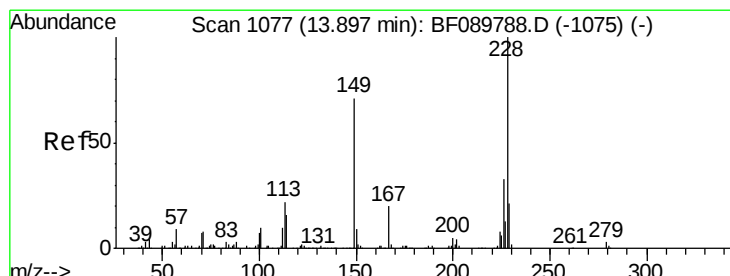
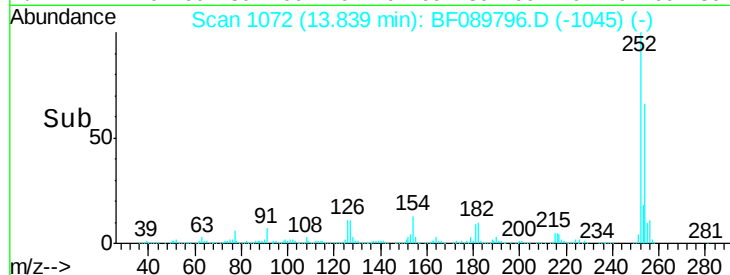
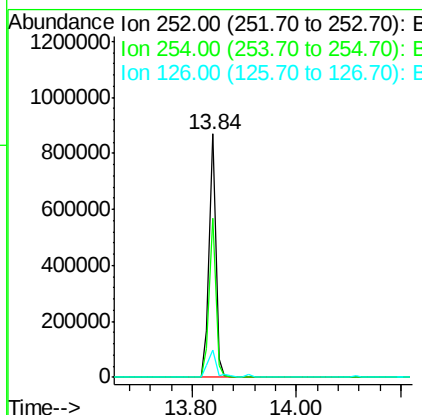
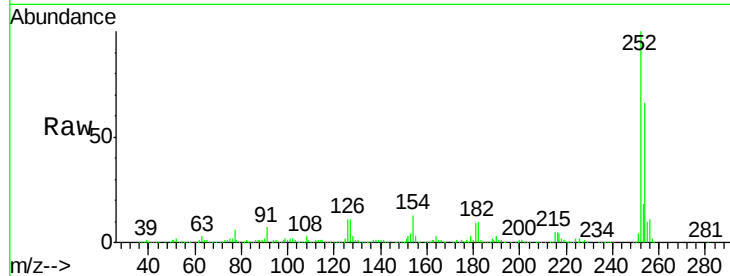
#81
 3,3'-Dichlorobenzidine
 Concen: 34.09 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampled :
 PB92924BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	50.6	75.8
126	11.3	12.6	18.8#

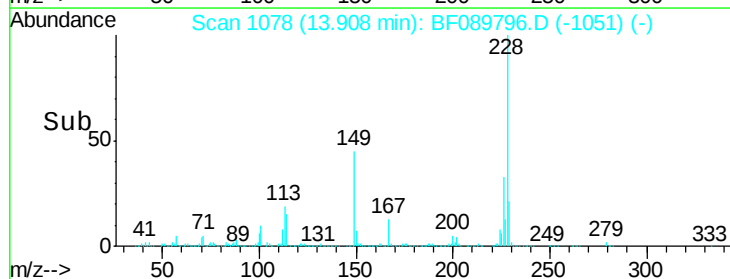
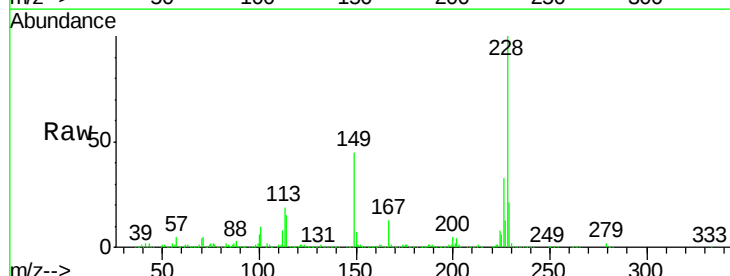
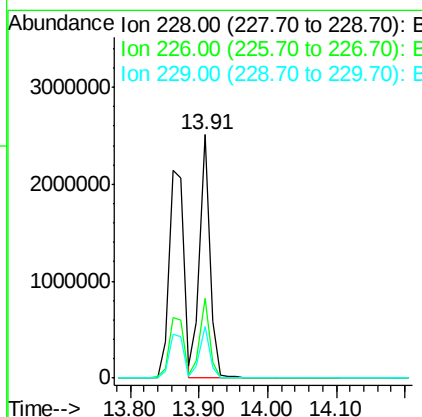
Manual Integrations
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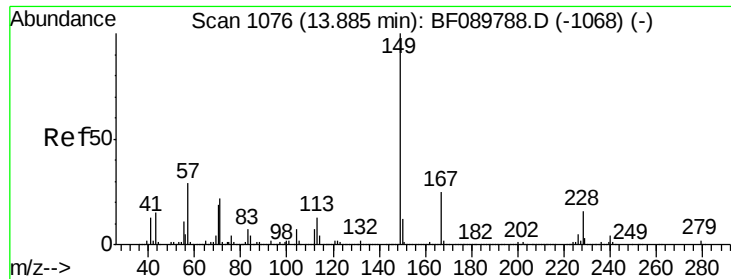
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#82
 Chrysene
 Concen: 43.47 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.7	25.4	38.0
229	21.0	16.5	24.7





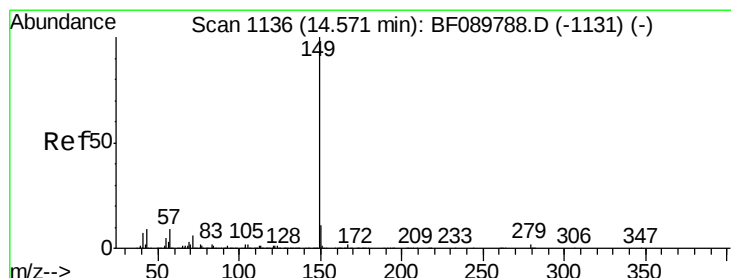
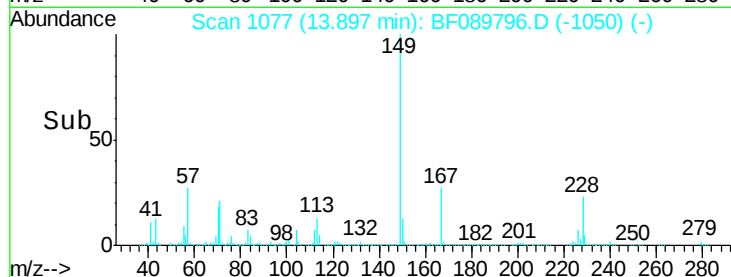
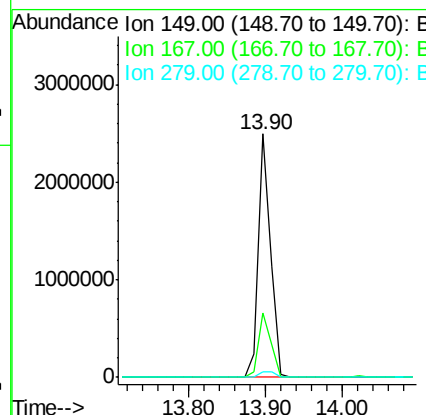
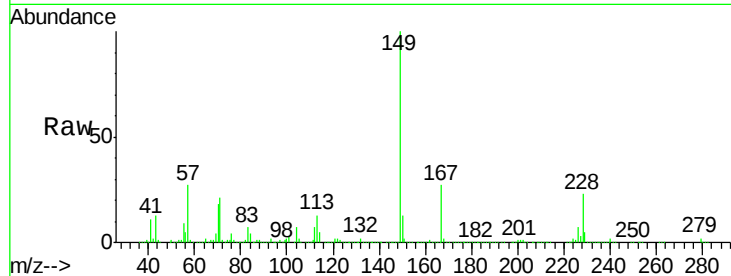
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.04 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion:149 Resp: 2694963
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 2.3 2.9 4.3#

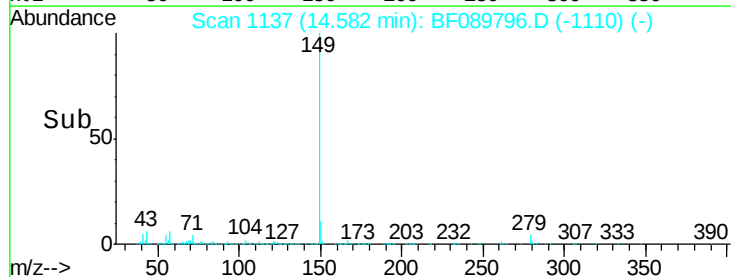
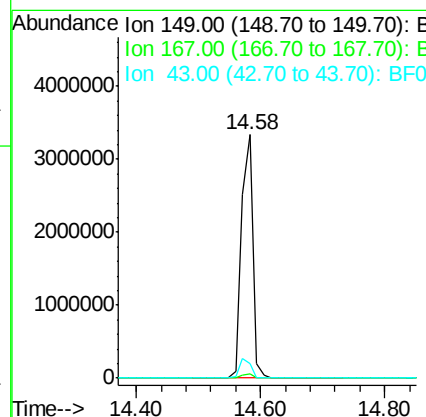
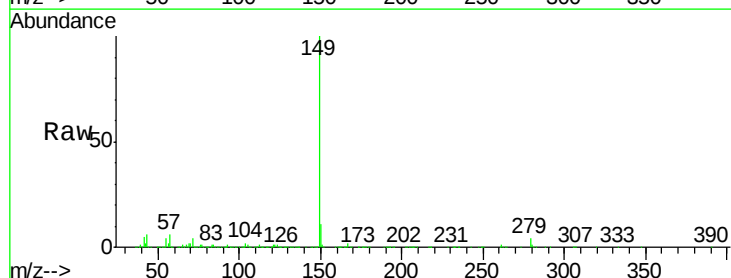
Manual Integrations
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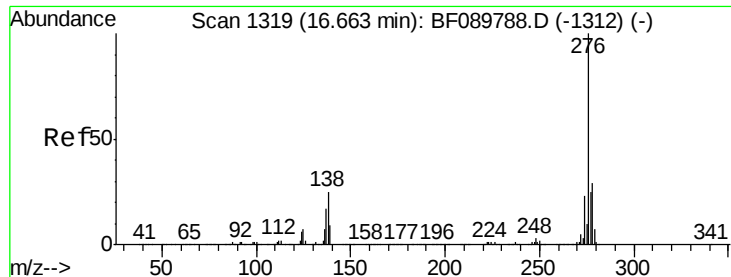
umangi
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#84
 Di-n-octyl phthalate
 Concen: 52.57 ng
 RT: 14.58 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:149 Resp: 4274899
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.3 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.21 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:276 Resp: 3042310

Ion Ratio Lower Upper

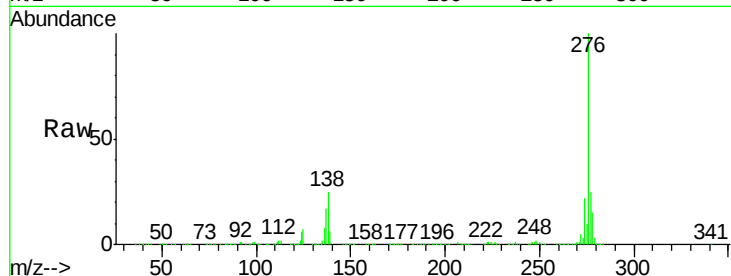
276 100

138 29.6 24.6 36.8

277 25.3 20.4 30.6

Manual Integrations
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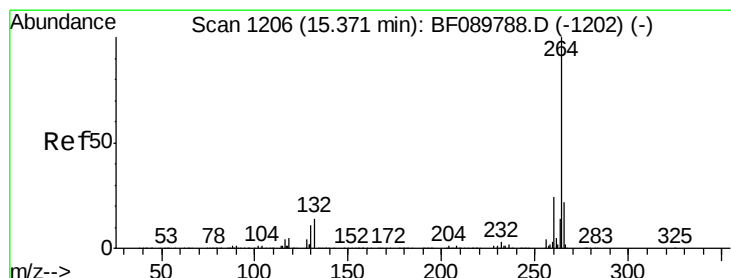
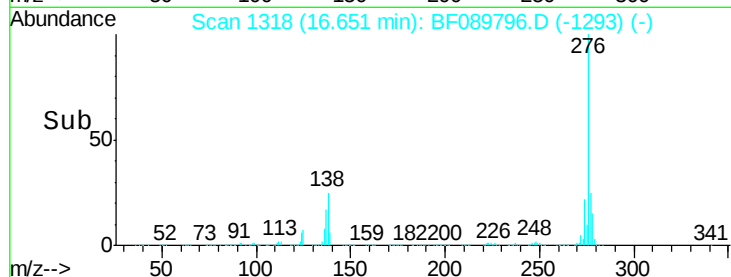
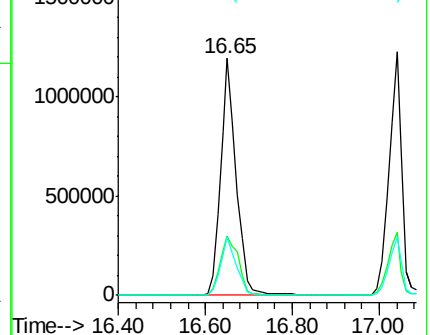
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

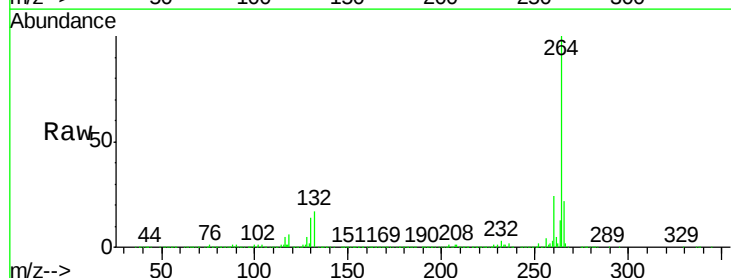
Tgt Ion:264 Resp: 1005914

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

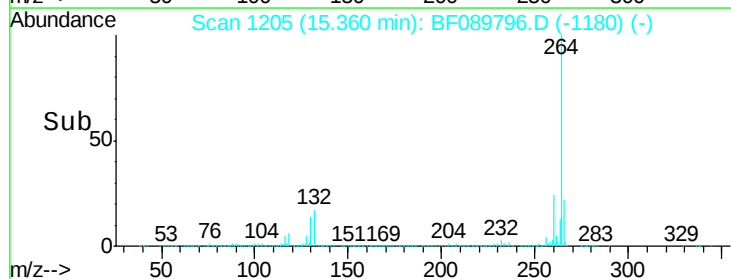
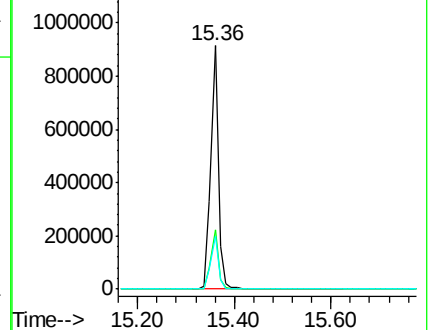
265 21.9 17.4 26.2

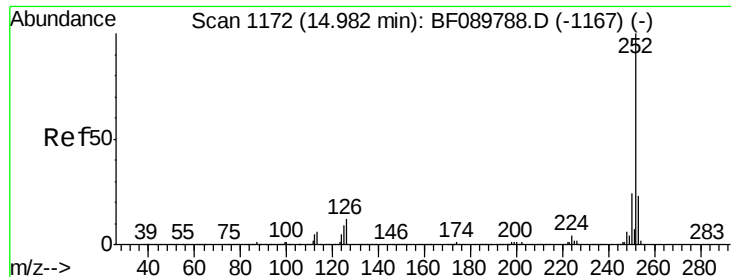


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





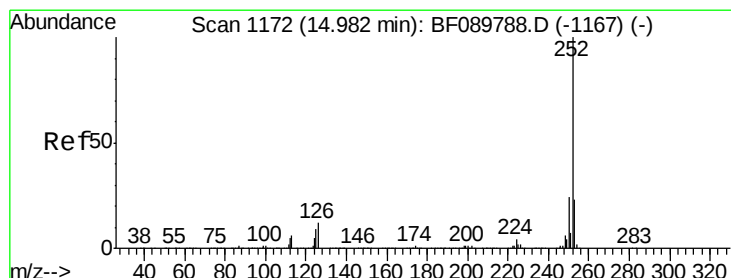
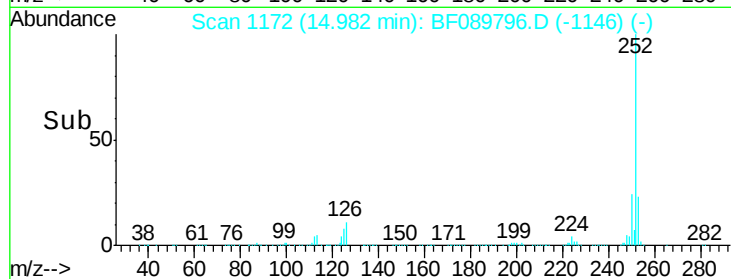
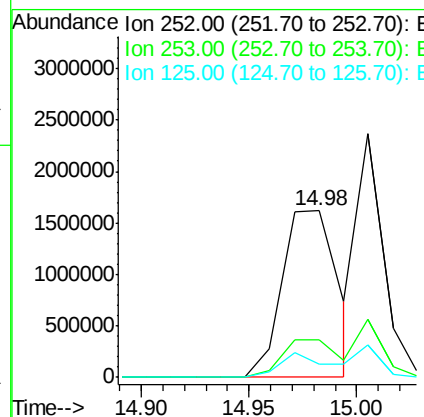
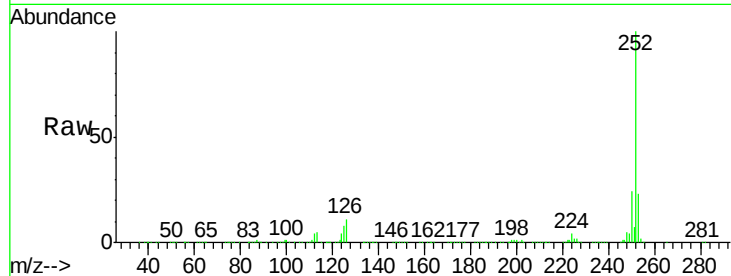
#87
Benzo(b)fluoranthene
Concen: 52.60 ng m
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.2	11.4	17.2

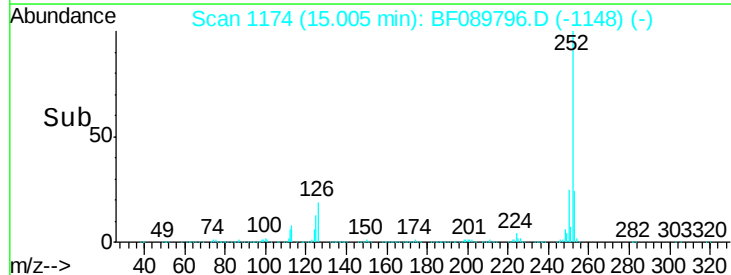
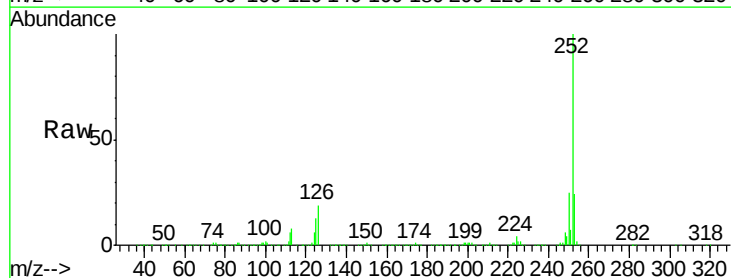
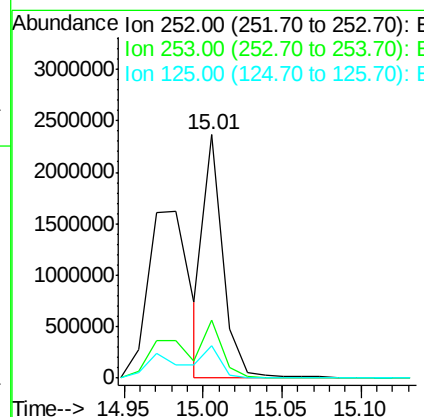
Manual Integrations
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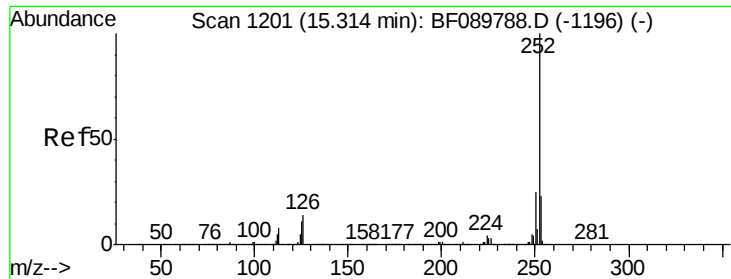
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#88
Benzo(k)fluoranthene
Concen: 40.68 ng m
RT: 15.01 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	13.2	9.8	14.6





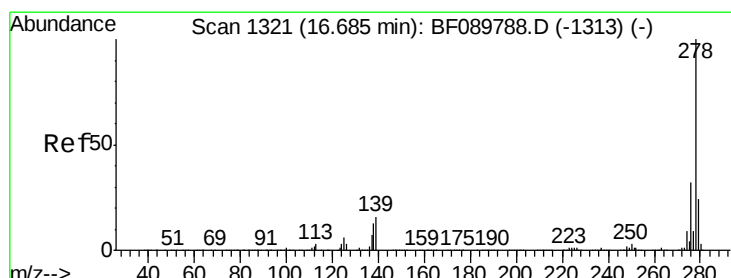
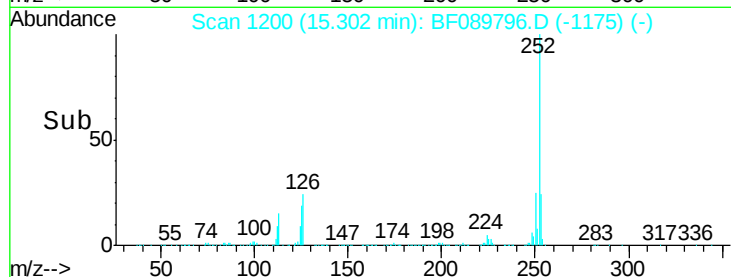
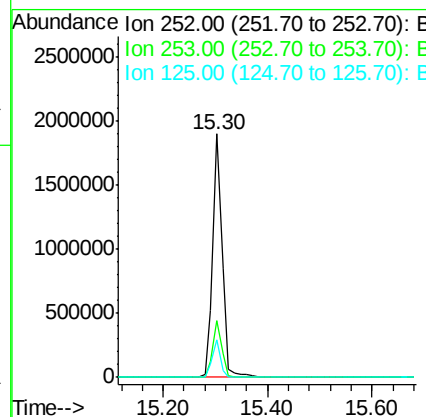
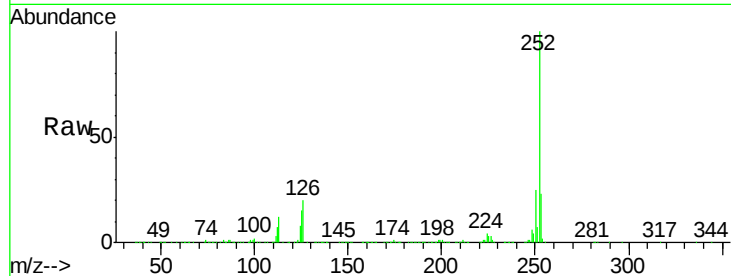
#89
Benzo(a)pyrene
Concen: 45.26 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion: 252 Resp: 2370977
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 15.3 11.7 17.5

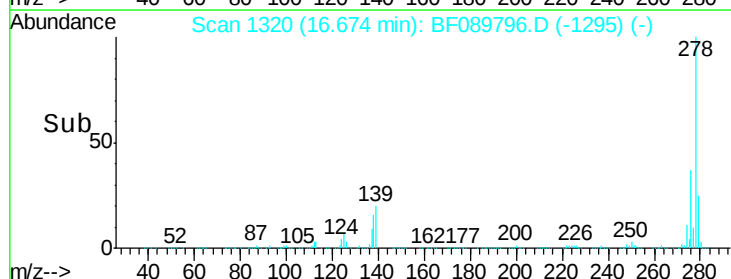
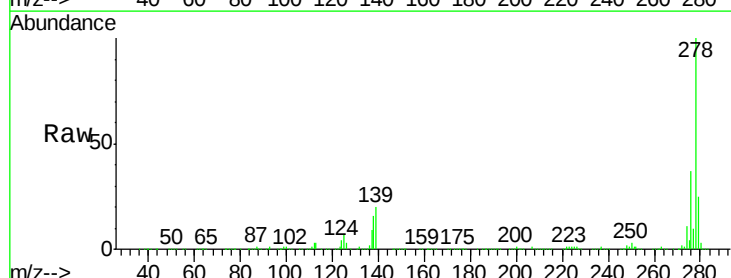
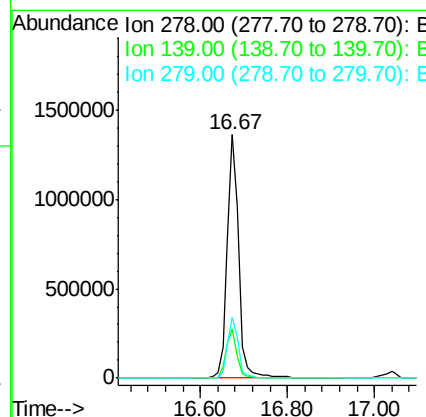
Manual Integrations
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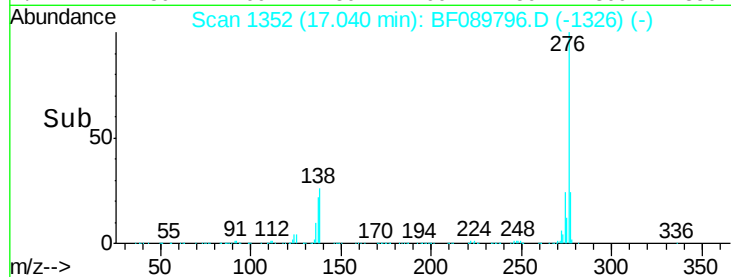
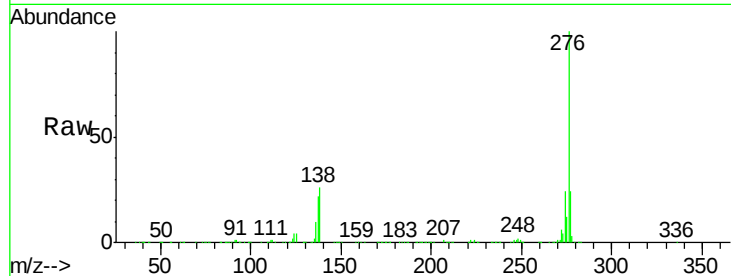
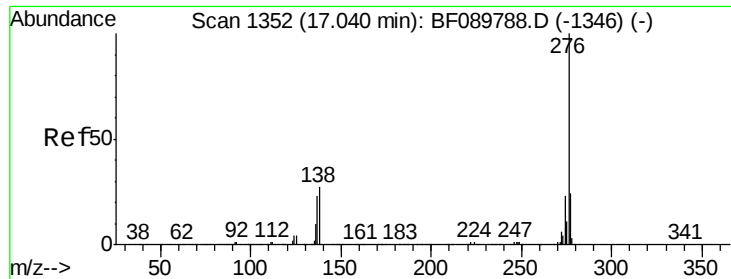
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#90
Dibenzo(a,h)anthracene
Concen: 44.45 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion: 278 Resp: 2527285
Ion Ratio Lower Upper
278 100
139 20.2 14.9 22.3
279 25.0 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 43.39 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion:	276	Resp:	2597413
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.2	28.8
138	25.7	22.1	33.1

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Manual Integrations
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