

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089791.D
 Acq On : 19 Aug 2016 12:34
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Quant Time: Aug 19 13:55:37 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 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	567980m	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2360750	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1099210	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1890209	20.00	ng	0.01
75) Chrysene-d12	13.91	240	1094923	20.00	ng	0.03
86) Perylene-d12	15.45	264	1052172	20.00	ng	0.08

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System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	4730502	138.96	ng	0.01
7) Phenol-d6	6.34	99	5834435	134.75	ng	0.02
23) Nitrobenzene-d5	7.27	82	4958597	128.26	ng	0.01
41) 2,4,6-Tribromophenol	10.51	330	1284178	120.76	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	1283772	73.05	ng	96
3) Pyridine	2.81	79	3525963	77.86	ng	96
4) n-Nitrosodimethylamine	2.80	42	1344676	73.98	ng	# 72
6) Aniline	6.36	93	4031489	69.27	ng	98
8) 2-Chlorophenol	6.48	128	3103583	76.65	ng	83
9) Benzaldehyde	6.23	77	1801922	62.79	ng	91
10) Phenol	6.35	94	3477529	64.53	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	2916156	73.03	ng	89
12) 1,3-Dichlorobenzene	6.63	146	2891944m	66.82	ng	
13) 1,4-Dichlorobenzene	6.71	146	2871539m	65.49	ng	
14) 1,2-Dichlorobenzene	6.87	146	2967482	70.98	ng	94
15) Benzyl Alcohol	6.84	79	1809396	62.53	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.98	45	3393631	64.78	ng	91
17) 2-Methylphenol	6.96	107	2325812	72.30	ng	96
18) Hexachloroethane	7.21	117	1204404	74.95	ng	# 90
19) n-Nitroso-di-n-propylamine	7.13	70	1941935	68.48	ng	91
20) 3+4-Methylphenols	7.12	107	2439558	59.22	ng	# 82
22) Acetophenone	7.12	105	3820223	69.62	ng	# 86
24) Nitrobenzene	7.29	77	3304388	75.98	ng	# 79
25) Isophorone	7.53	82	5704789	73.75	ng	# 93
26) 2-Nitrophenol	7.60	139	1841395	89.99	ng	95
27) 2,4-Dimethylphenol	7.64	122	2594109	66.88	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	3493647	74.32	ng	# 93
29) 2,4-Dichlorophenol	7.84	162	2261974	70.05	ng	95
30) 1,2,4-Trichlorobenzene	7.92	180	2290056	66.06	ng	99
32) Benzoic acid	7.82	122	2353040	78.03	ng	98
33) 4-Chloroaniline	8.06	127	3623247	73.89	ng	# 95
34) Hexachlorobutadiene	8.12	225	1247143	68.48	ng	97
35) Caprolactam	8.46	113	822012m	82.59	ng	
36) 4-Chloro-3-methylphenol	8.55	107	2748162	78.17	ng	98
37) 2-Methylnaphthalene	8.68	142	4603825	63.83	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	2066222	58.47	ng	98
40) Hexachlorocyclopentadiene	8.84	237	941779	59.80	ng	99
42) 2,4,6-Trichlorophenol	8.97	196	1667328	73.04	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	1567690	72.03	ng	# 90
45) 1,1'-Biphenyl	9.15	154	5153850	56.61	ng	95
46) 2-Chloronaphthalene	9.18	162	4074304	59.72	ng	96
47) 2-Nitroaniline	9.27	65	1351070	65.00	ng	94
48) Acenaphthylene	9.59	152	5983255	56.97	ng	# 91
49) Dimethylphthalate	9.47	163	5439241	68.39	ng	# 96
50) 2,6-Dinitrotoluene	9.52	165	1266787	70.37	ng	95 umangi
51) Acenaphthene	9.76	154	4149788	58.56	ng	97
52) 3-Nitroaniline	9.69	138	1682823	80.40	ng	89
54) Dibenzofuran	9.93	168	4876239	55.92	ng	96
55) 4-Nitrophenol	9.85	139	1365618	84.81	ng	97 8/19/2016 4:51:34 PM
56) 2,4-Dinitrotoluene	9.92	165	1459410	63.07	ng	# 71
57) Fluorene	10.27	166	3797290	53.90	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	1133941	66.71	ng	97
59) Diethylphthalate	10.17	149	5512078	68.35	ng	# 93
60) 4-Chlorophenyl-phenylether	10.27	204	1864781	53.91	ng	98
61) 4-Nitroaniline	10.31	138	1354995	66.68	ng	98
62) Azobenzene	10.43	77	5322815	69.85	ng	87
64) 4,6-Dinitro-2-methylphenol	10.33	198	972013	88.56	ng	86
65) n-Nitrosodiphenylamine	10.40	169	4505419	75.95	ng	97
66) 4-Bromophenyl-phenylether	10.75	248	1308621	66.85	ng	# 68
67) Hexachlorobenzene	10.82	284	1653555	75.99	ng	# 92
68) Atrazine	10.92	200	1201493	66.87	ng	96
69) Pentachlorophenol	11.00	266	969352	71.50	ng	97
70) Phenanthrene	11.22	178	5911851	63.63	ng	# 93
71) Anthracene	11.28	178	6057956m	62.41	ng	
72) Carbazole	11.43	167	5942134	64.60	ng	96
73) Di-n-butylphthalate	11.78	149	6841071	61.15	ng	# 94
74) Fluoranthene	12.41	202	6018301	64.47	ng	93
76) Benzidine	12.54	184	2538276	64.59	ng	96
77) Pyrene	12.64	202	5853023	81.69	ng	# 91
79) Butylbenzylphthalate	13.30	149	2882825	80.20	ng	90
80) Benzo(a)anthracene	13.90	228	4549907	71.52	ng	97
81) 3,3'-Dichlorobenzidine	13.86	252	1493356	64.43	ng	97
82) Chrysene	13.94	228	3685372	64.37	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	3918727	82.38	ng	96
84) Di-n-octyl phthalate	14.63	149	5483029	74.16	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.77	276	5512969	113.02	ng	100
87) Benzo(b)fluoranthene	15.05	252	4013442	60.20	ng	97
88) Benzo(k)fluoranthene	15.09	252	3773836m	68.77	ng	
89) Benzo(a)pyrene	15.39	252	3911641	71.07	ng	97
90) Dibenzo(a,h)anthracene	16.79	278	4399828	101.52	ng	95
91) Benzo(g,h,i)perylene	17.15	276	4791177	108.62	ng	99

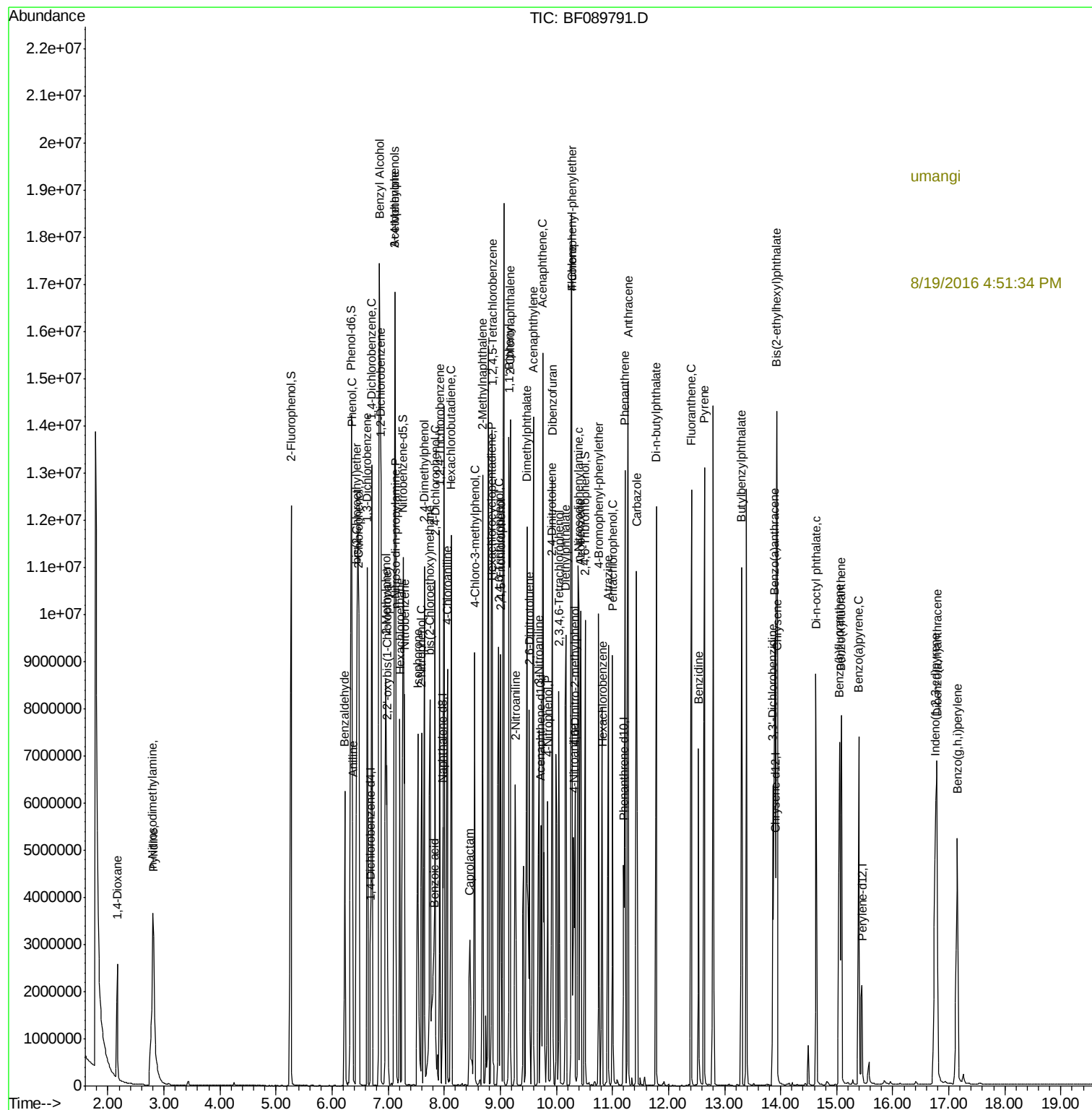
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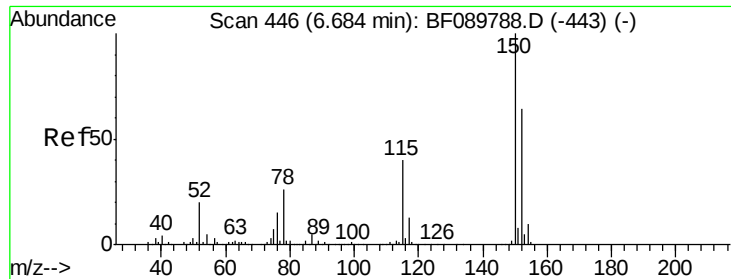
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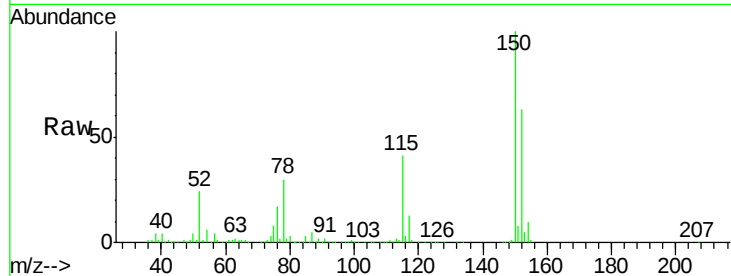
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

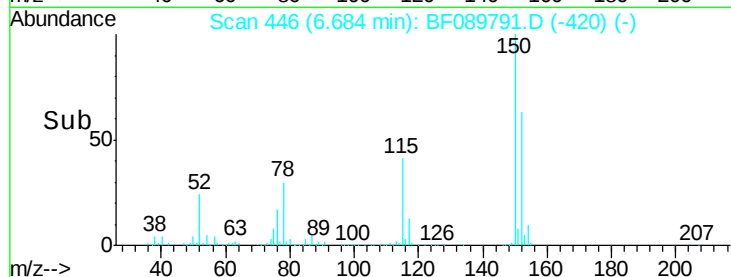
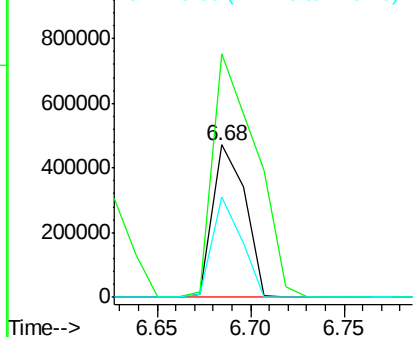
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.3	187.9
115	66.2	40.9	61.3

Manual Integrations
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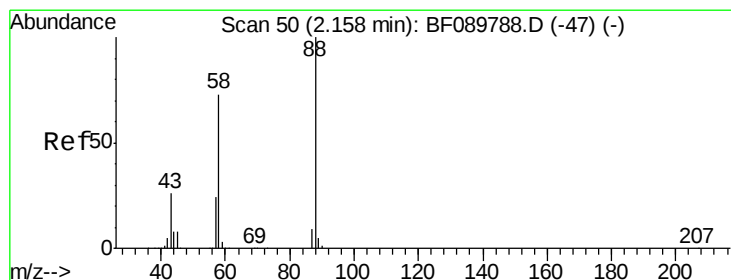


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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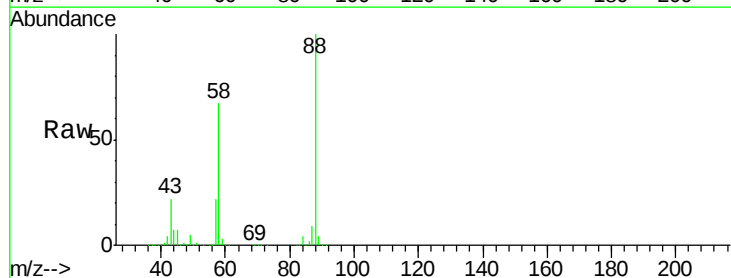
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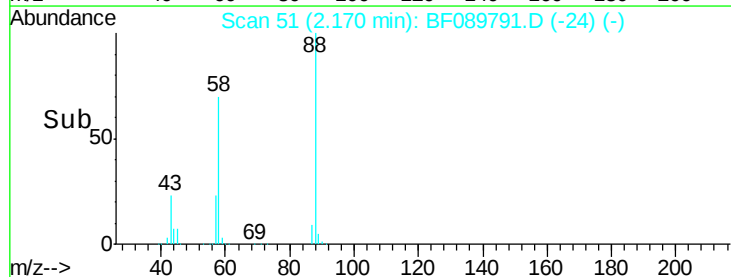
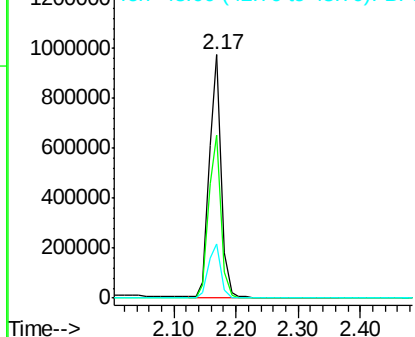
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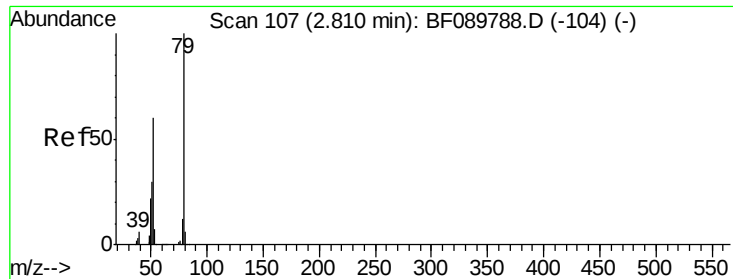
1,4-Dioxane
Concen: 73.05 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	57.0	85.4
43	23.6	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: 77.86 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 79 Resp: 3525963

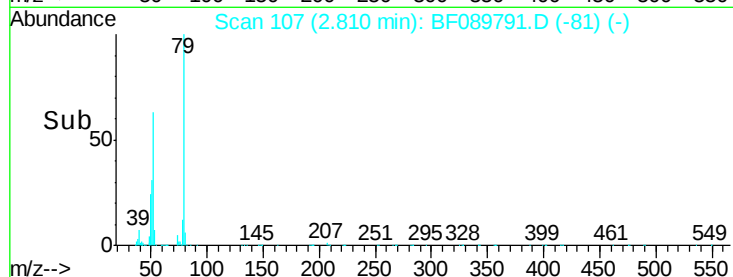
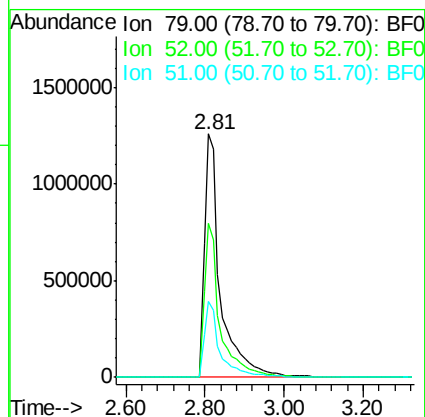
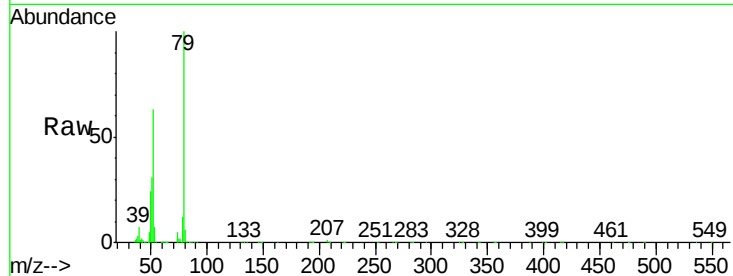
Ion Ratio Lower Upper

79 100

52 63.1 53.6 80.4

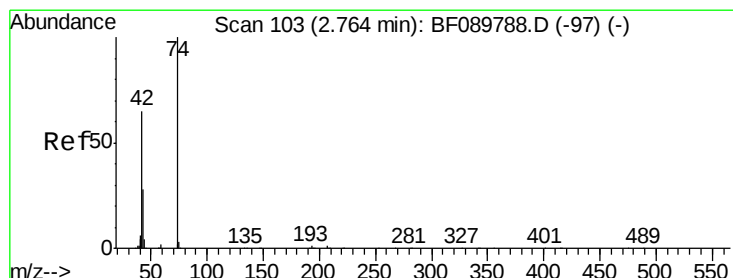
51 31.3 26.6 39.8

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#4

n-Nitrosodimethylamine

Concen: 73.98 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

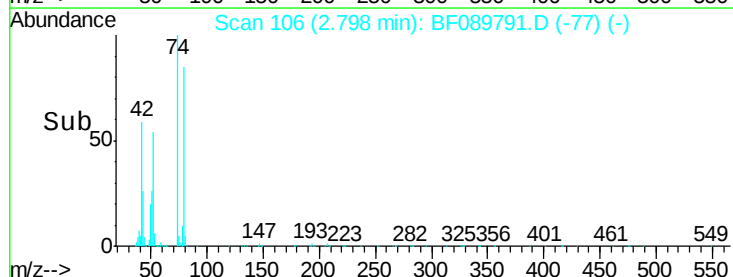
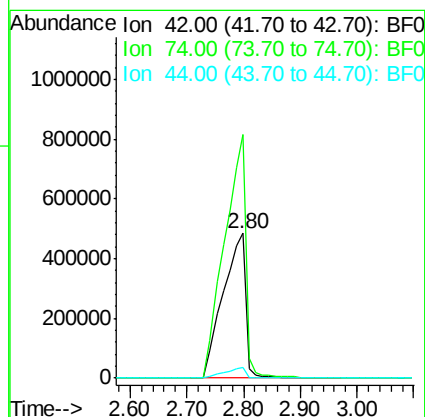
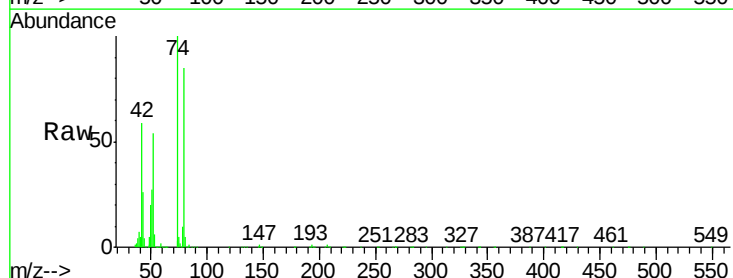
Tgt Ion: 42 Resp: 1344676

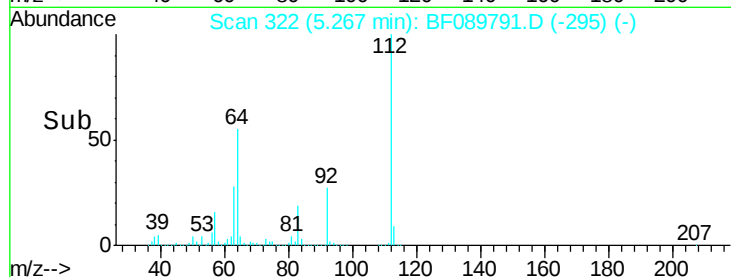
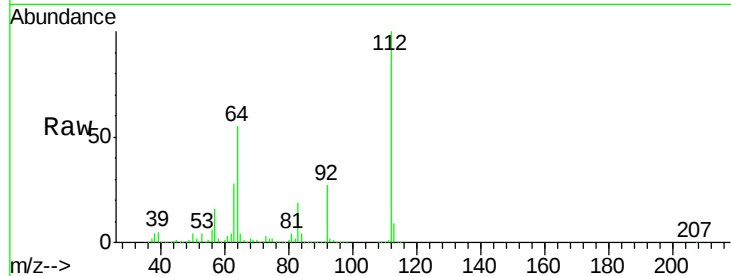
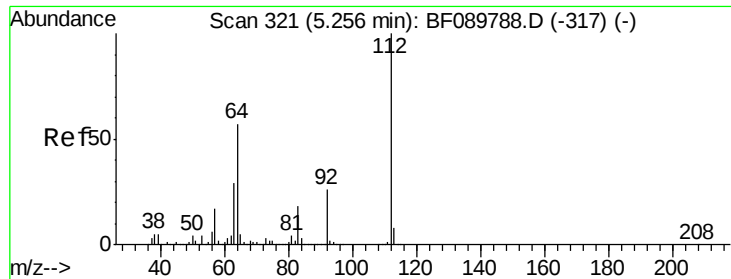
Ion Ratio Lower Upper

42 100

74 168.1 106.2 159.2#

44 6.9 6.9 10.3



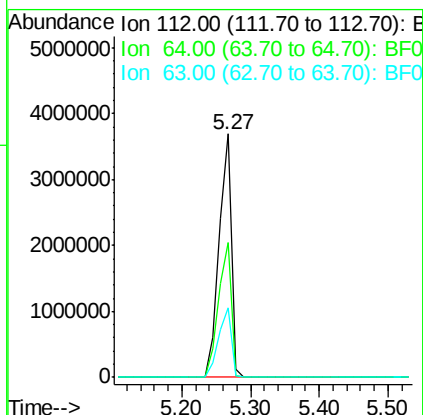


#5
2-Fluorophenol
Concen: 138.96 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.0	67.4
63	28.4	23.1	34.7

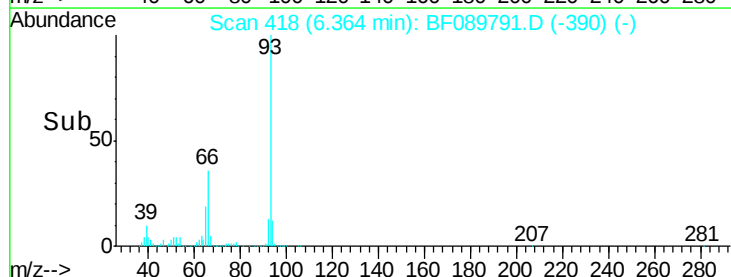
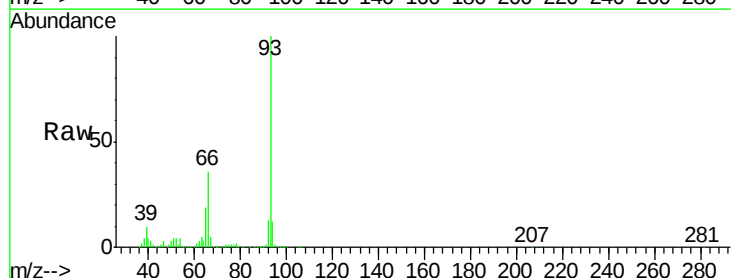
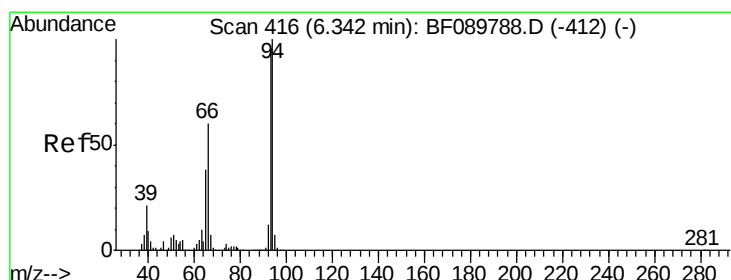
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

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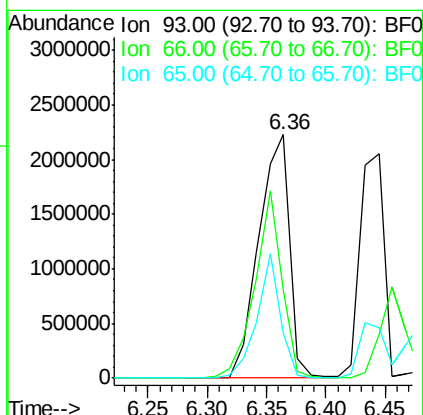
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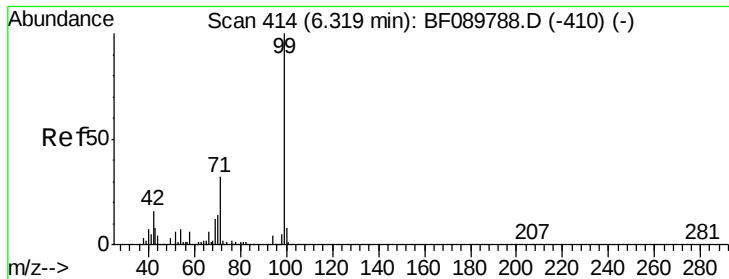
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#6
Aniline
Concen: 69.27 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.4	30.6	46.0
65	18.8	15.4	23.2





#7

Phenol-d6

Concen: 134.75 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.02 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 99 Resp: 5834435

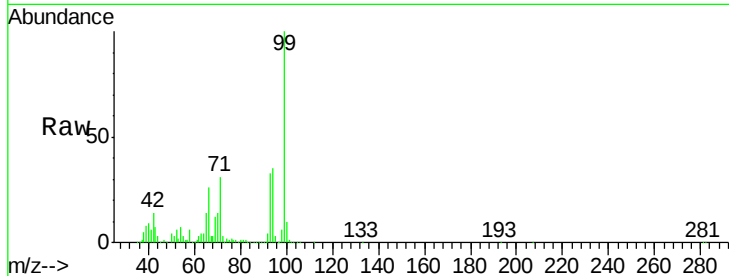
Ion Ratio Lower Upper

99 100

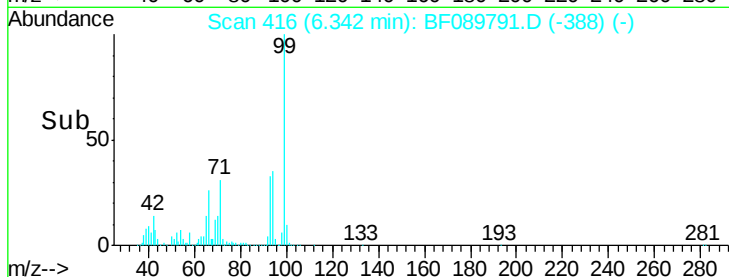
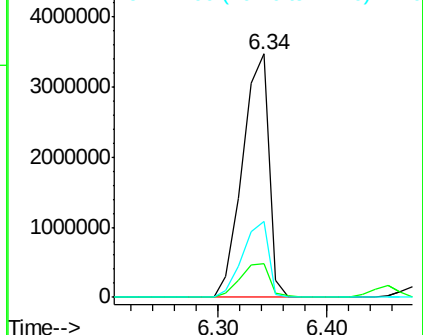
42 13.9 12.2 18.4

71 31.0 23.8 35.8

Manual Integrations
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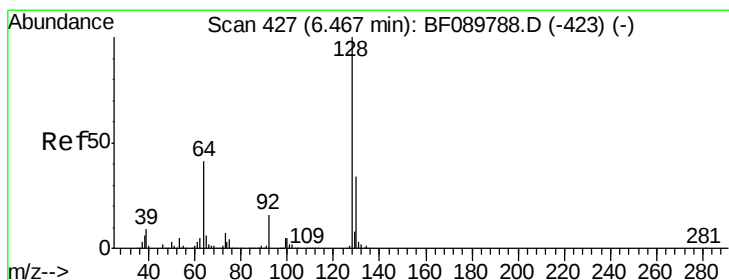


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 76.65 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

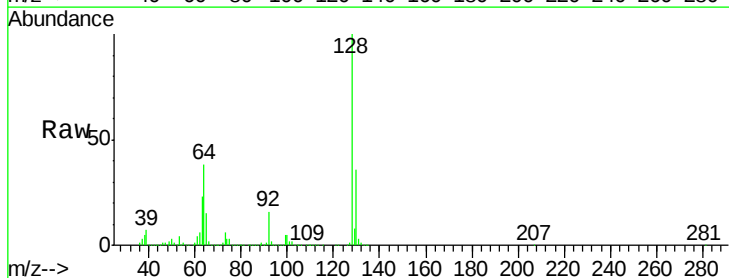
Tgt Ion: 128 Resp: 3103583

Ion Ratio Lower Upper

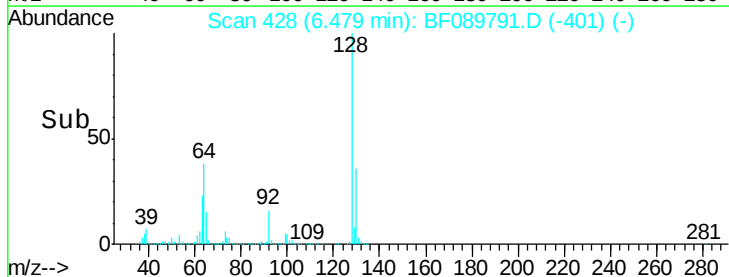
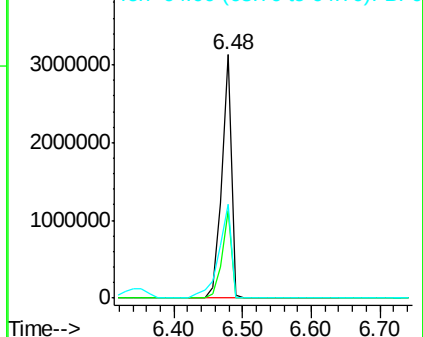
128 100

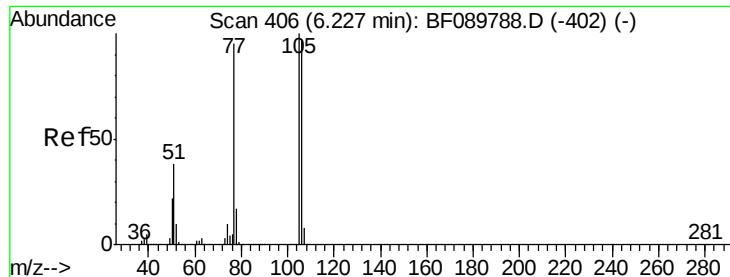
130 36.0 12.0 52.0

64 38.4 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 62.79 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 77 Resp: 1801922

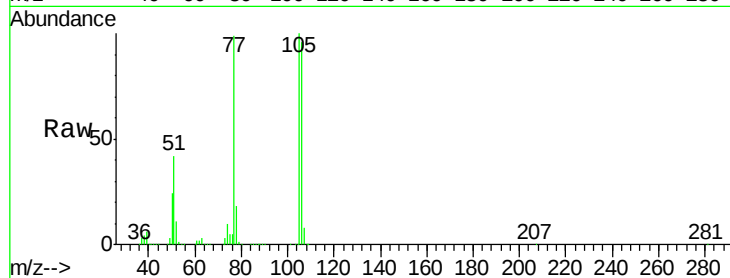
Ion Ratio Lower Upper

77 100

105 101.5 73.3 113.3

106 97.8 68.6 108.6

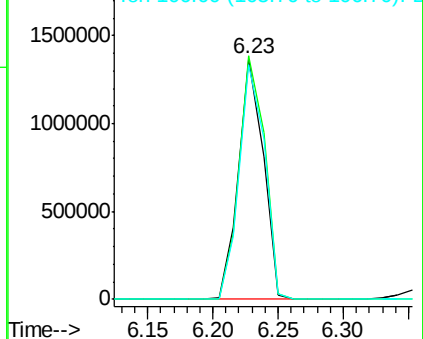
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Abundance Ion 77.00 (76.70 to 77.70): BF0

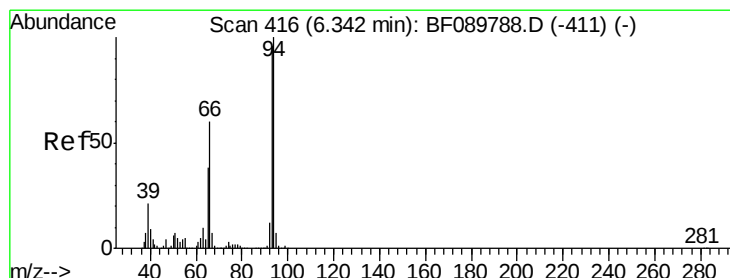
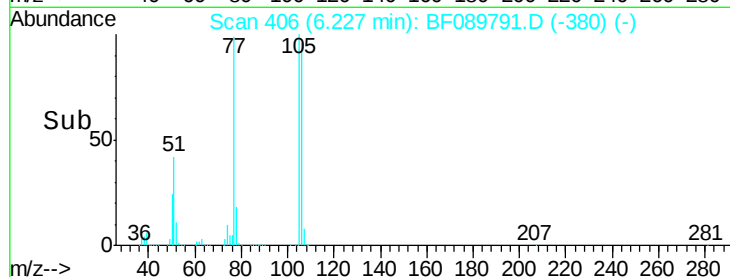
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 64.53 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

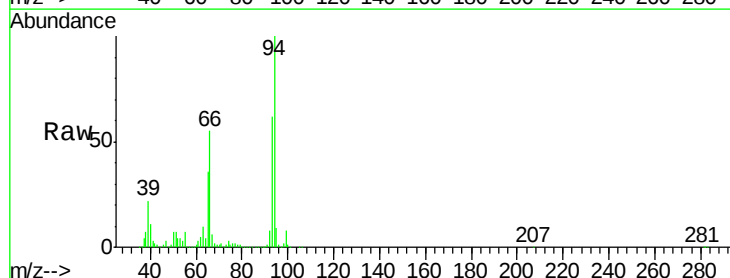
Tgt Ion: 94 Resp: 3477529

Ion Ratio Lower Upper

94 100

65 36.4 14.0 54.0

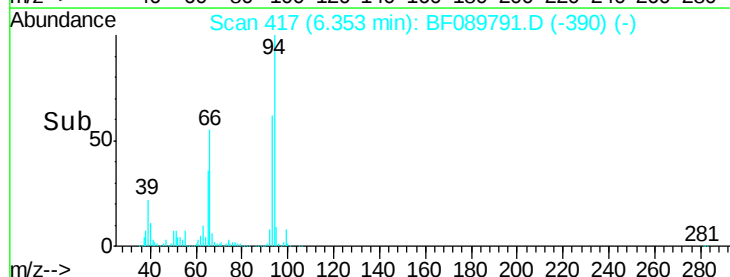
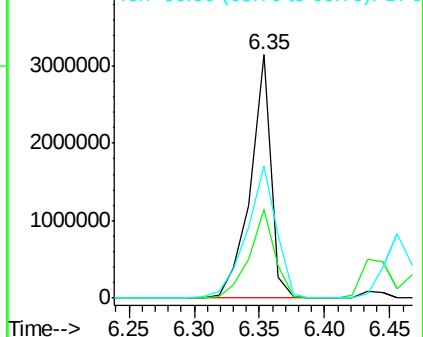
66 54.6 31.2 71.2

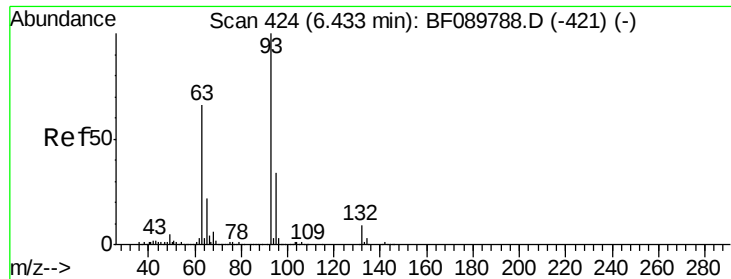


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



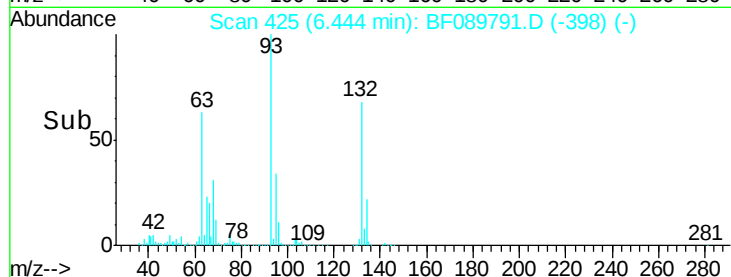
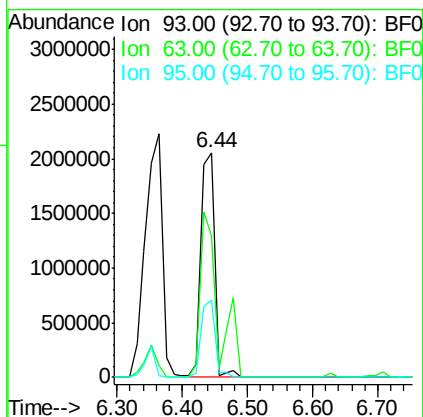
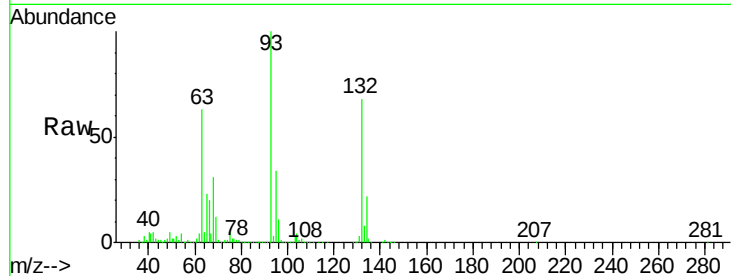


#11
bis(2-Chloroethyl)ether
Concen: 73.03 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

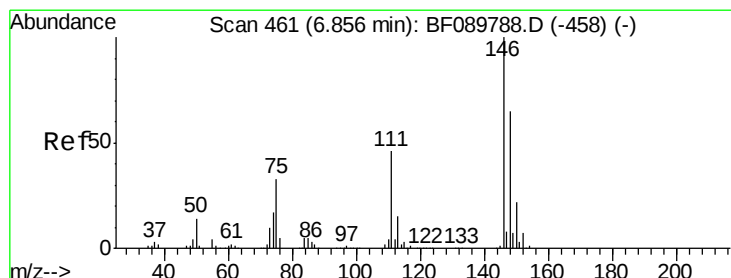
Tgt Ion: 93 Resp: 2916156
Ion Ratio Lower Upper
93 100
63 62.8 55.8 95.8
95 34.3 13.0 53.0

Manual Integrations
APPROVED



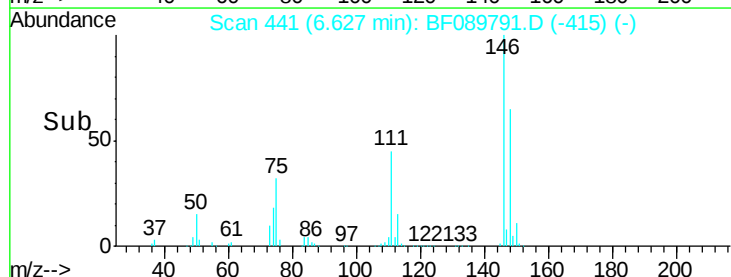
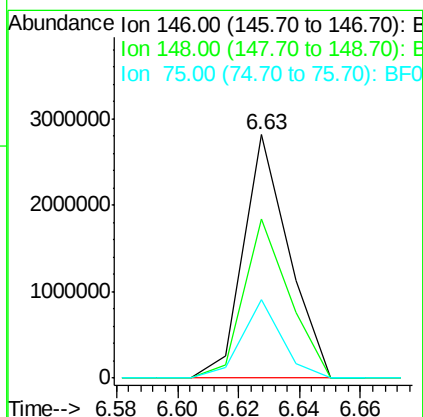
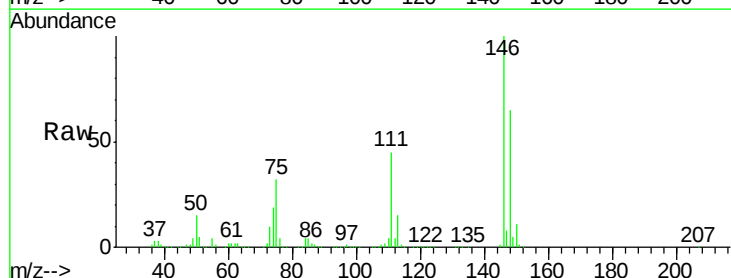
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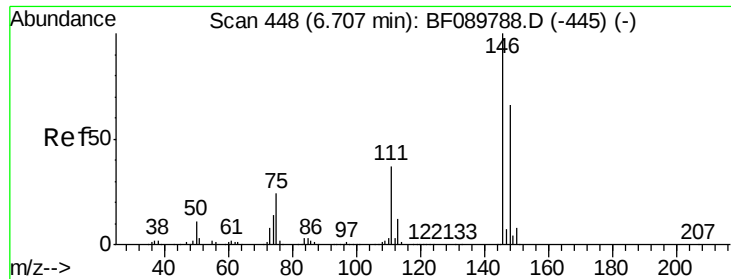
8/19/2016 4:51:34 PM



#12
1,3-Dichlorobenzene
Concen: 66.82 ng m
RT: 6.63 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion: 146 Resp: 2891944
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 32.0 27.0 40.6



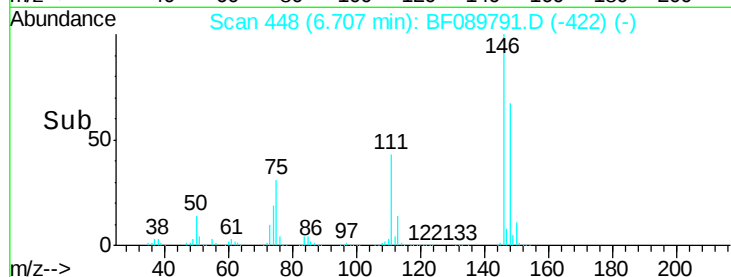
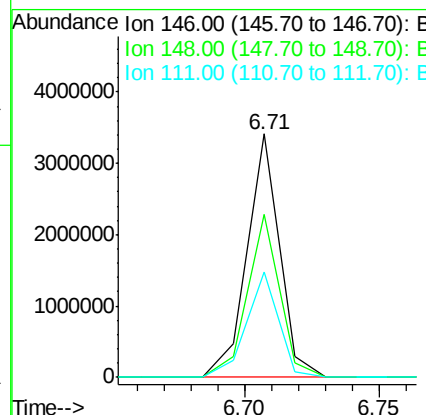
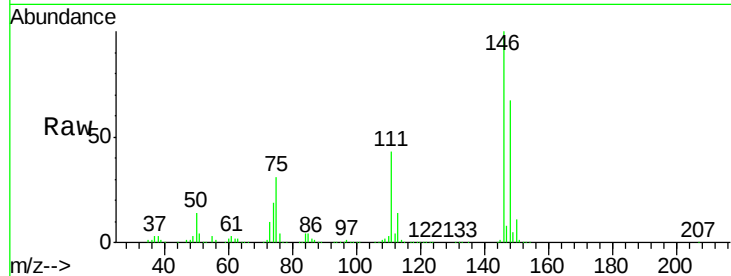


#13
 1,4-Dichlorobenzene
 Concen: 65.49 ng m
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

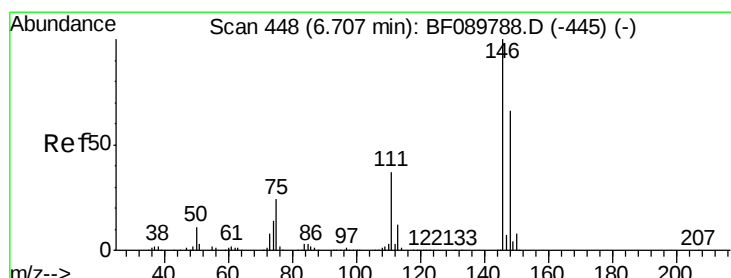
Tgt Ion:146 Resp: 2871539
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.0 76.6
 111 43.3 34.6 52.0

Manual Integrations
 APPROVED



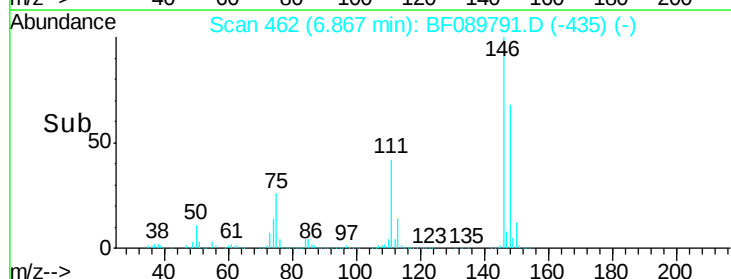
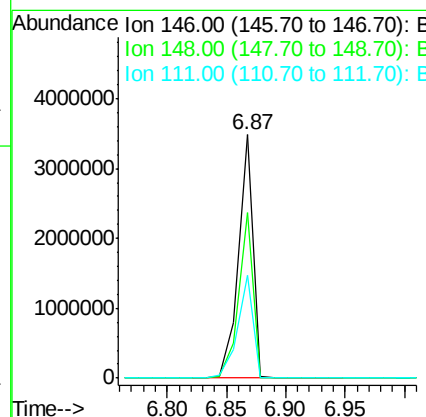
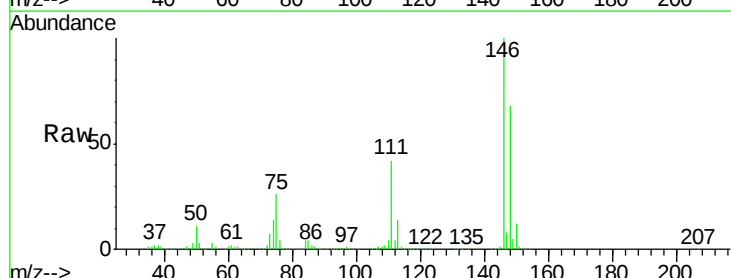
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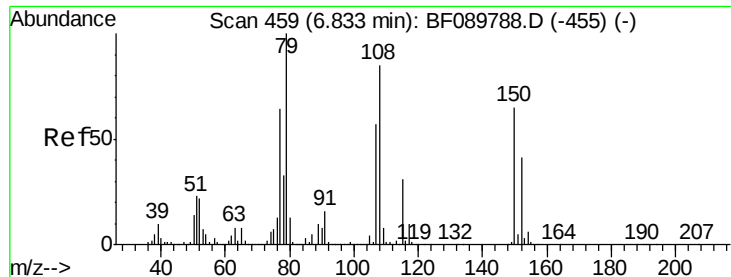
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#14
 1,2-Dichlorobenzene
 Concen: 70.98 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:146 Resp: 2967482
 Ion Ratio Lower Upper
 146 100
 148 68.1 52.2 78.2
 111 42.5 29.8 44.6





#15

Benzyl Alcohol

Concen: 62.53 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 79 Resp: 1809396

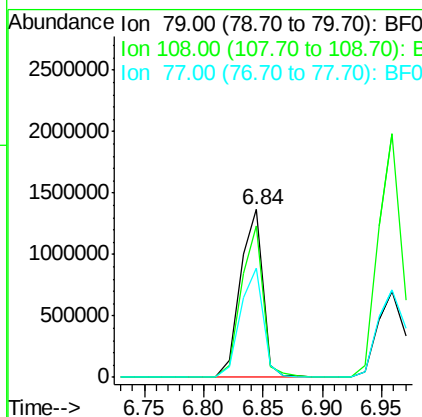
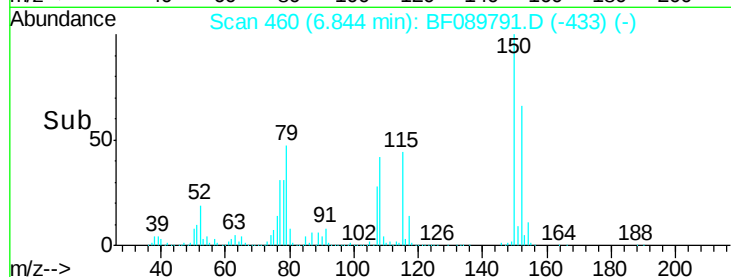
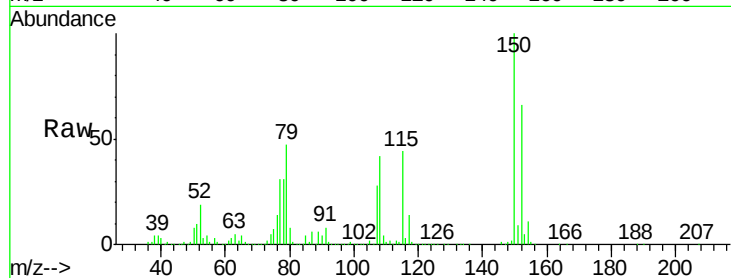
Ion Ratio Lower Upper

79 100

108 90.1 62.5 93.7

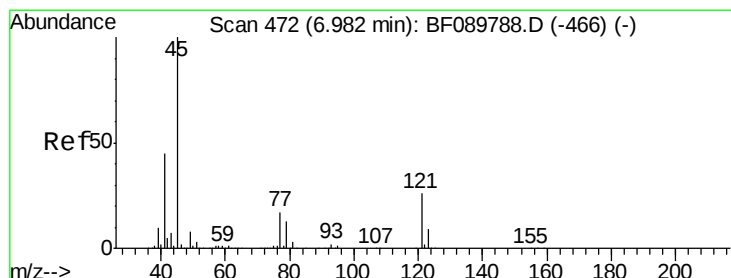
77 64.9 51.5 77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 64.78 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

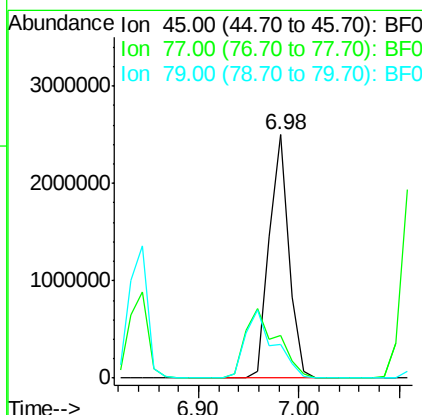
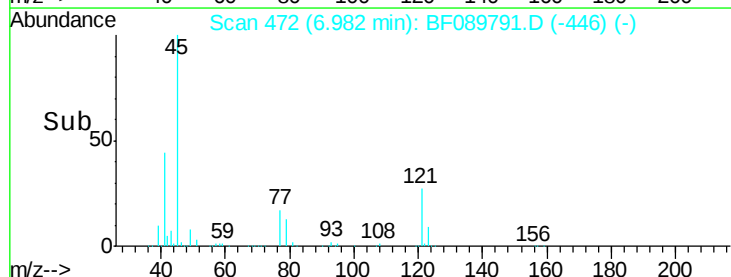
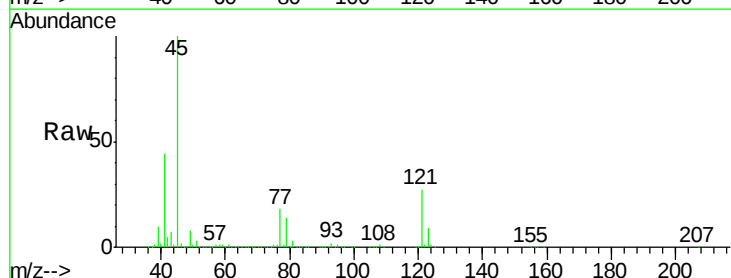
Tgt Ion: 45 Resp: 3393631

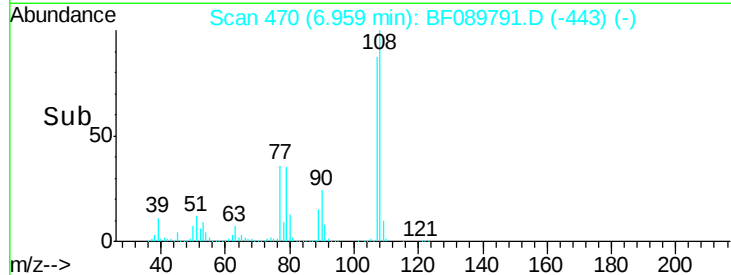
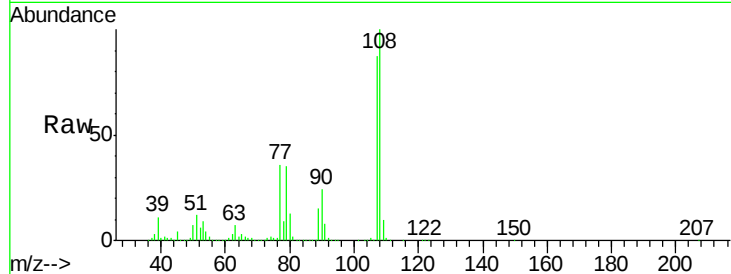
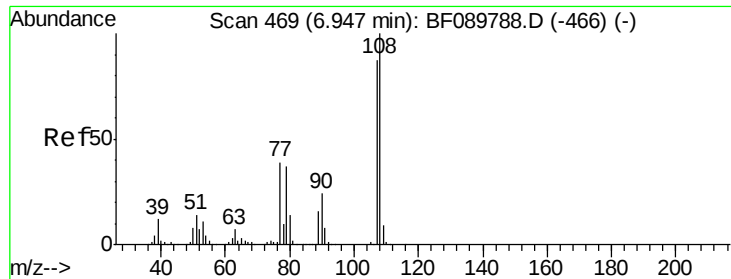
Ion Ratio Lower Upper

45 100

77 17.7 0.0 33.5

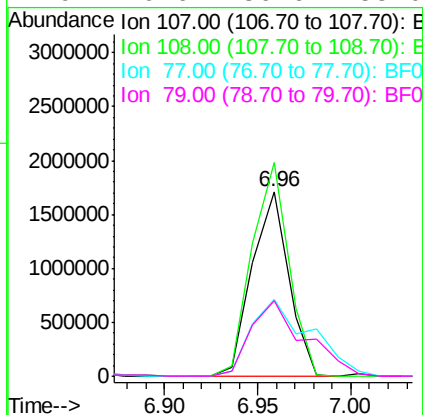
79 13.6 0.0 30.7





#17
2-Methylphenol
Concen: 72.30 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	41.8	37.4	56.0
79	40.6	36.6	55.0

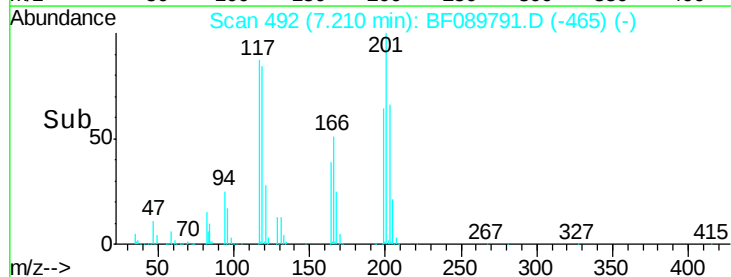
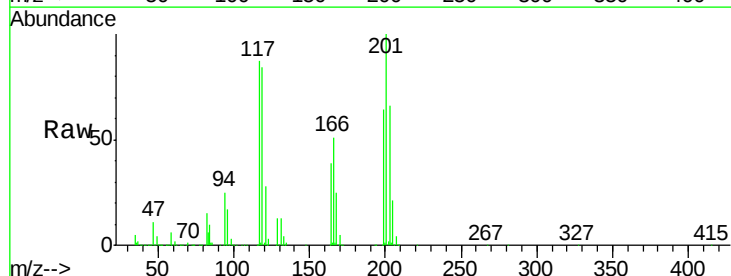
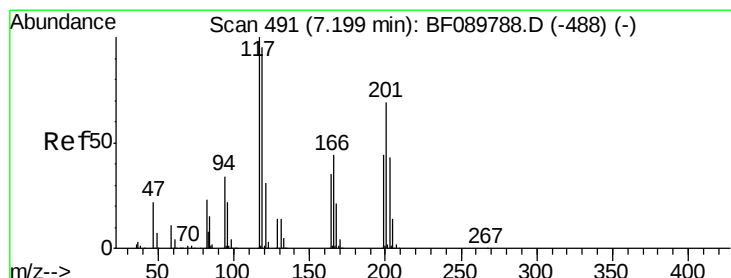


Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
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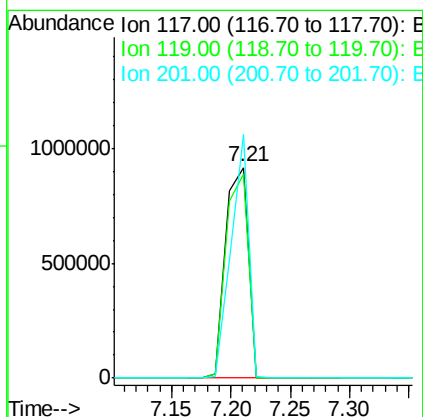
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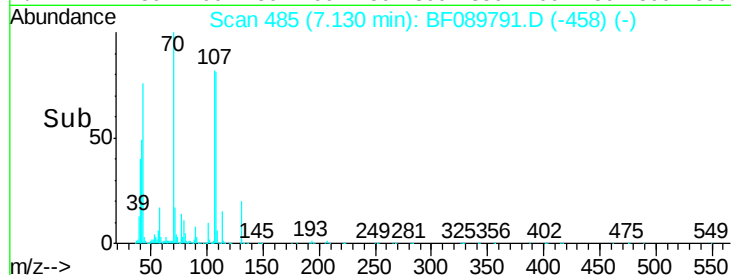
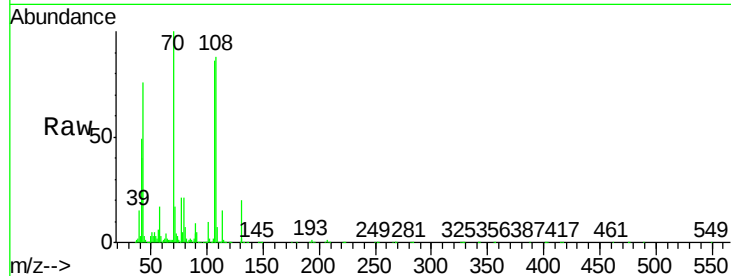
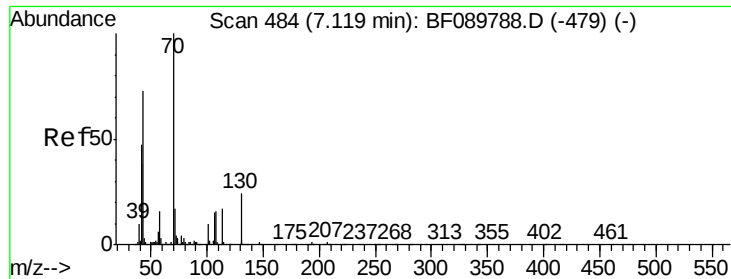
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#18
Hexachloroethane
Concen: 74.95 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

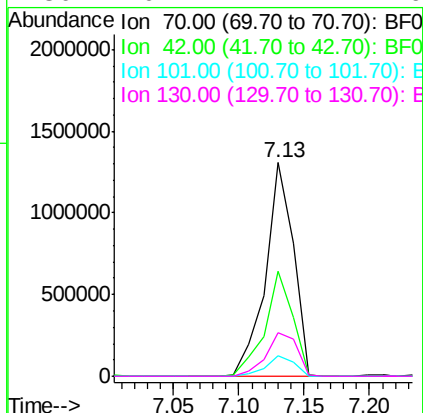
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.1	115.7
201	115.5	76.9	115.3#





#19
n-Nitroso-di-n-propylamine
Concen: 68.48 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.3	46.3	69.5
101	9.6	7.0	10.6
130	20.4	14.4	21.6

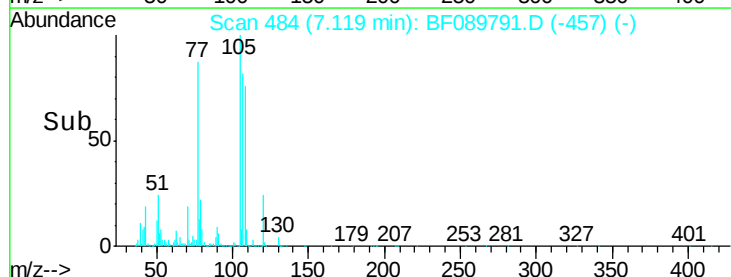
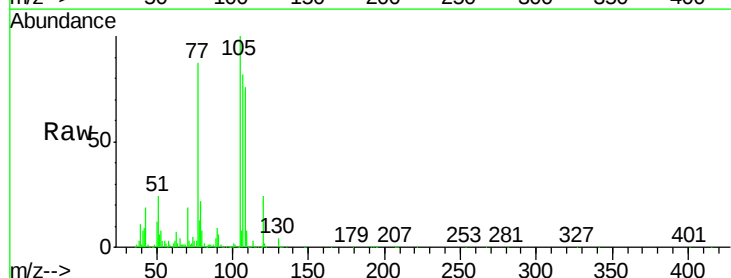
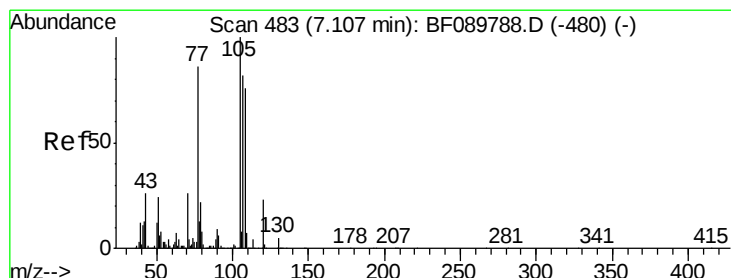


Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
APPROVED

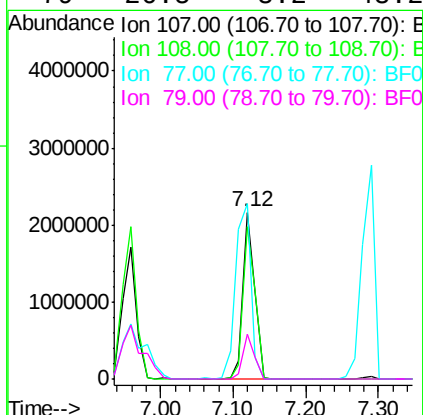
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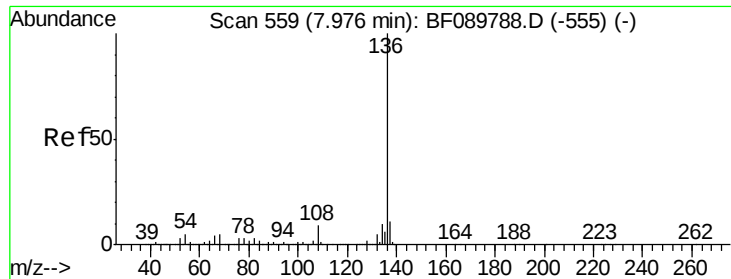
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#20
3+4-Methylphenols
Concen: 59.22 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	105.4	122.3	162.3#
79	26.5	8.2	48.2



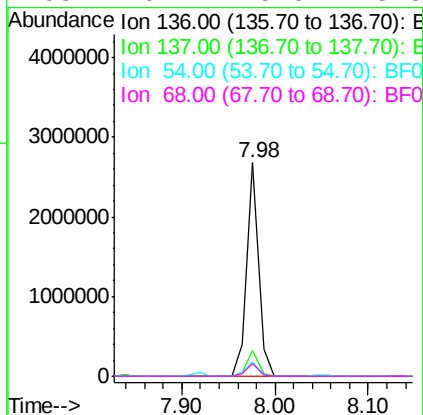
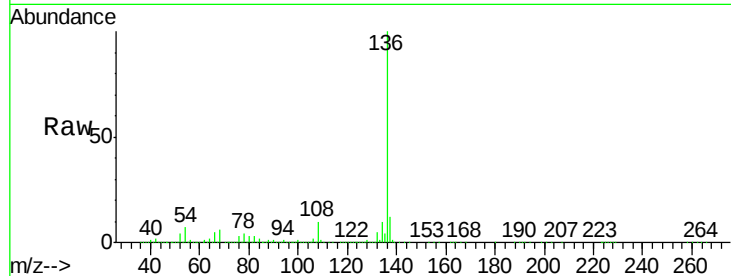


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

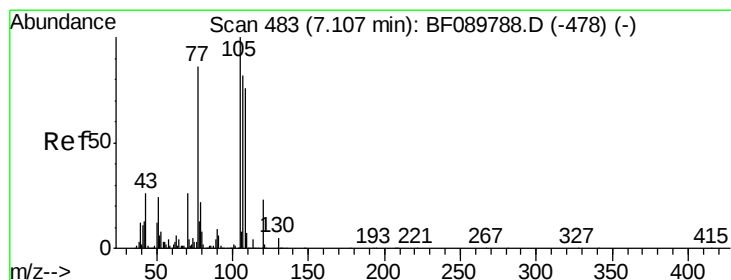
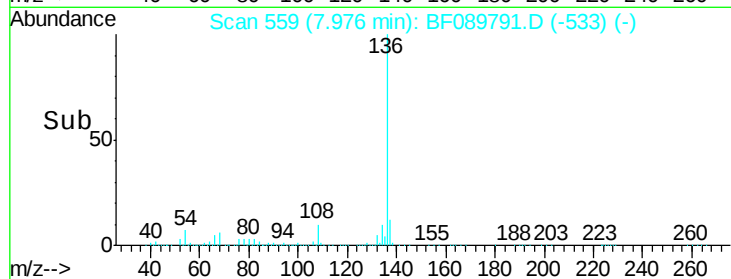
Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	6.8	7.2	10.8#
68	6.1	5.8	8.8

Manual Integrations
APPROVED



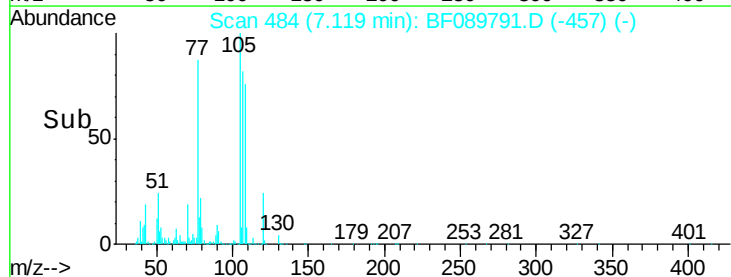
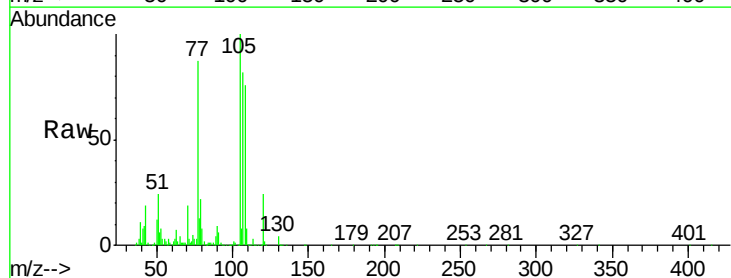
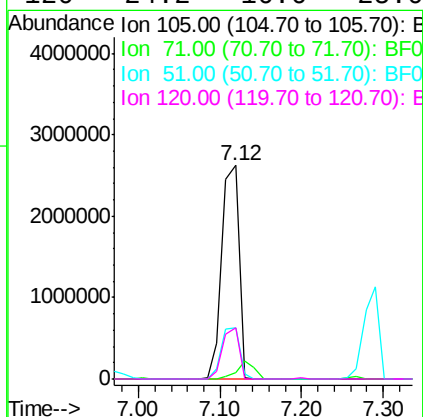
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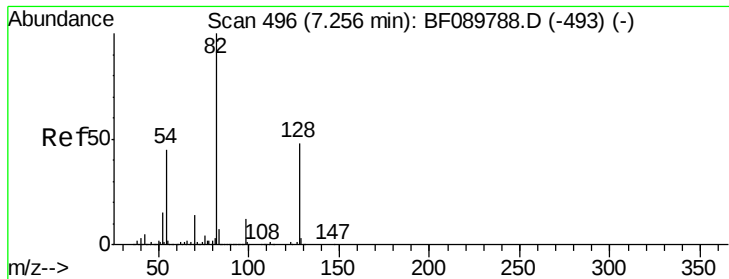
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#22
Acetophenone
Concen: 69.62 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.9	2.9#
51	24.2	28.5	42.7#
120	24.2	16.6	25.0



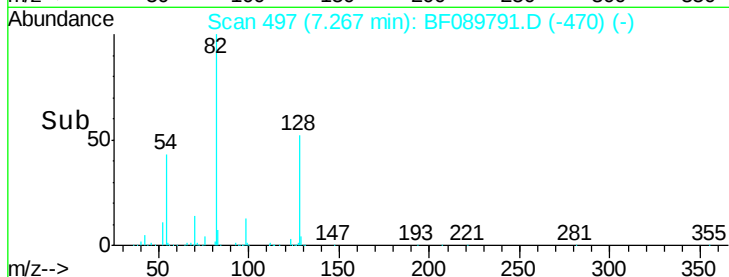
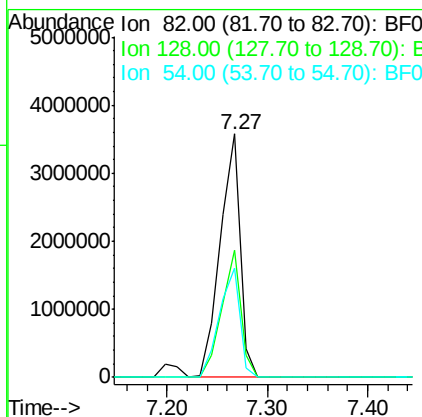
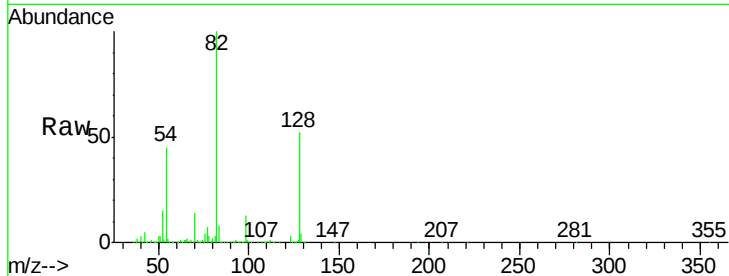


#23
 Nitrobenzene-d5
 Concen: 128.26 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

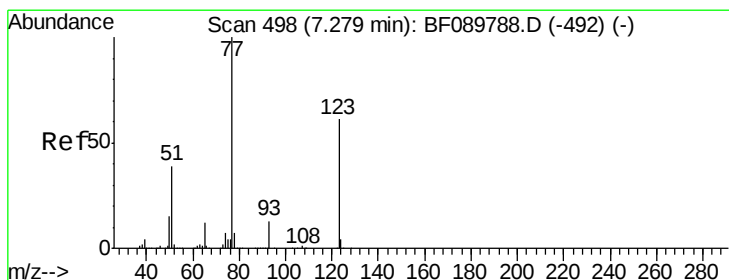
Tgt Ion: 82 Resp: 4958597
 Ion Ratio Lower Upper
 82 100
 128 52.2 34.4 51.6#
 54 45.1 40.3 60.5

Manual Integrations
 APPROVED



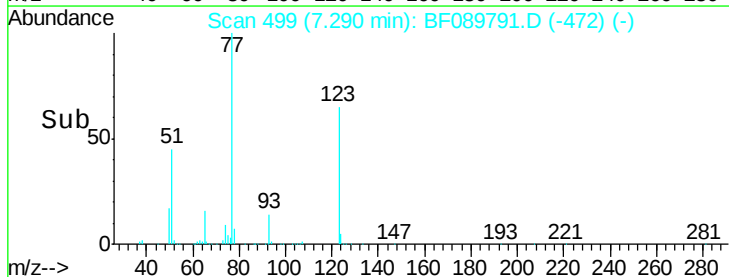
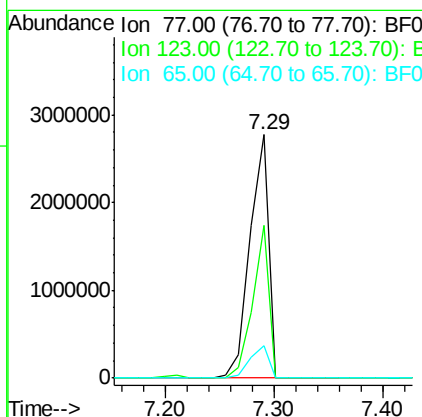
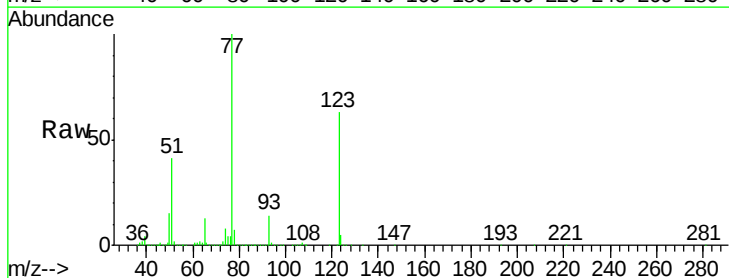
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#24
 Nitrobenzene
 Concen: 75.98 ng
 RT: 7.29 min Scan# 499
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion: 77 Resp: 3304388
 Ion Ratio Lower Upper
 77 100
 123 62.7 36.2 54.2#
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 73.75 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 82 Resp: 5704789

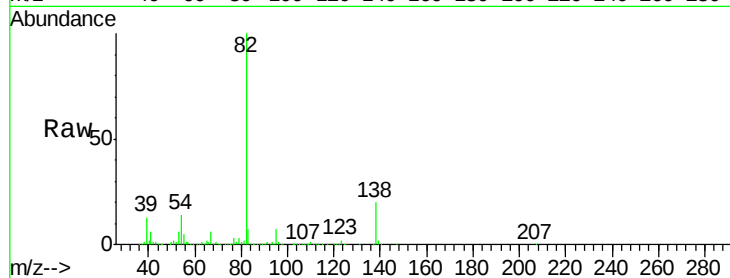
Ion Ratio Lower Upper

82 100

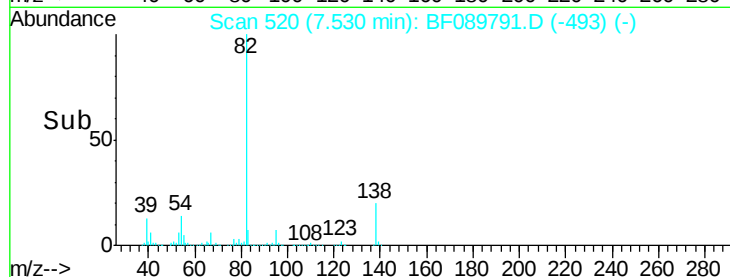
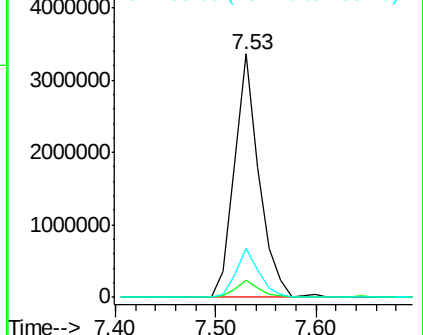
95 7.3 5.3 7.9

138 20.1 13.0 19.4#

Manual Integrations
APPROVED

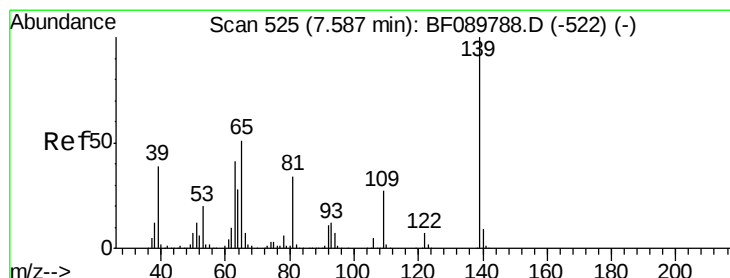


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



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#26

2-Nitrophenol

Concen: 89.99 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

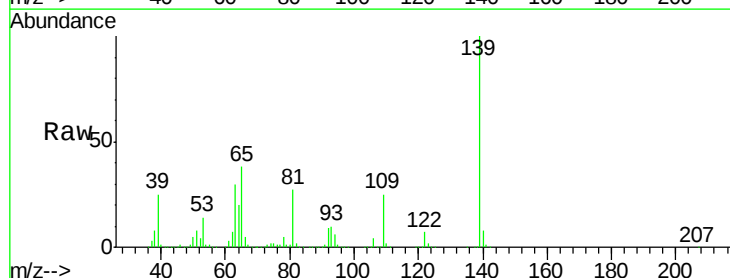
Tgt Ion: 139 Resp: 1841395

Ion Ratio Lower Upper

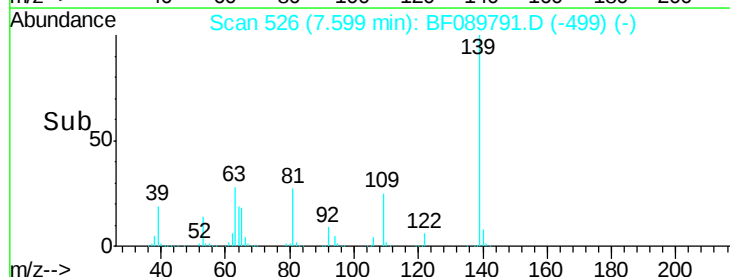
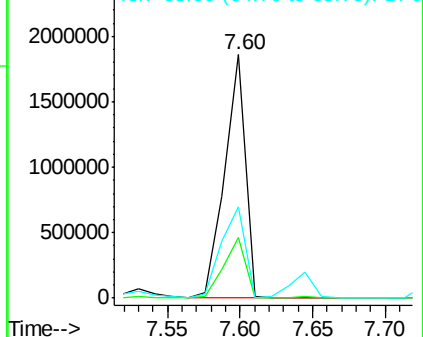
139 100

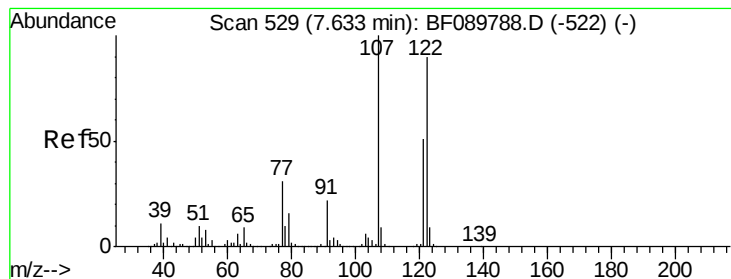
109 25.1 19.5 29.3

65 37.7 26.5 39.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 66.88 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:122 Resp: 2594109

Ion Ratio Lower Upper

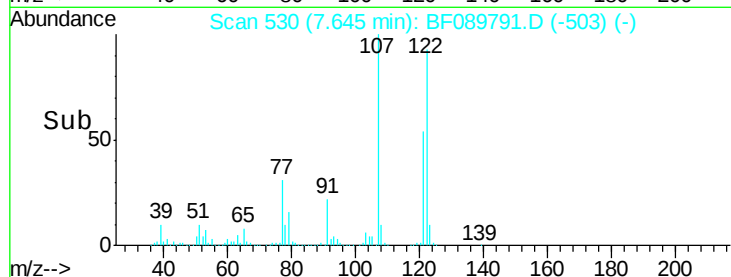
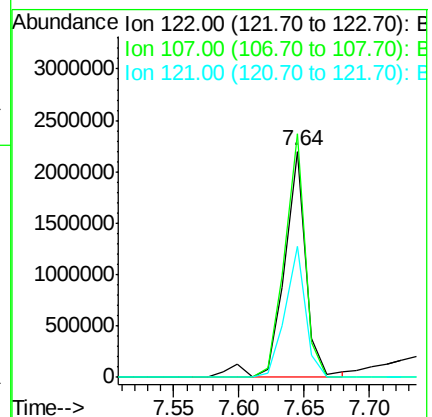
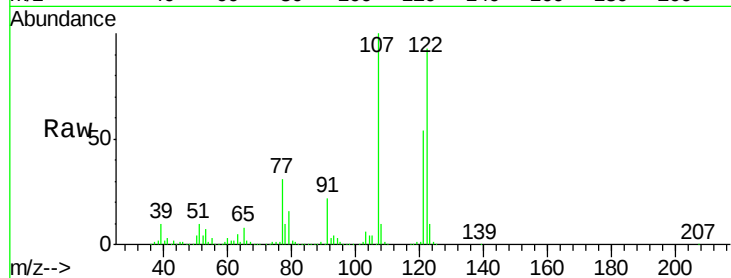
122 100

107 107.8 84.8 127.2

121 58.1 47.0 70.6

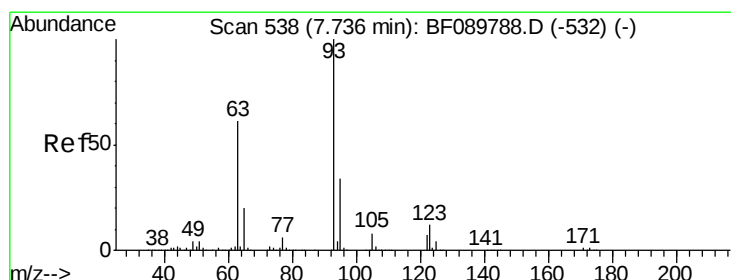
Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 74.32 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

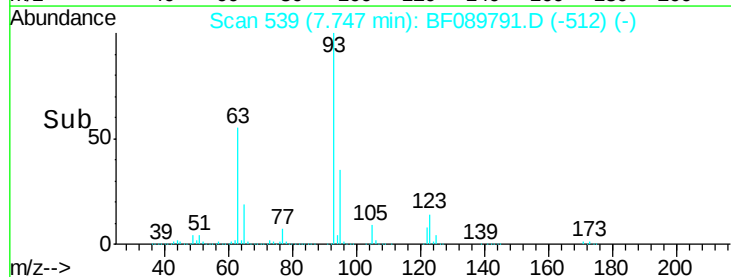
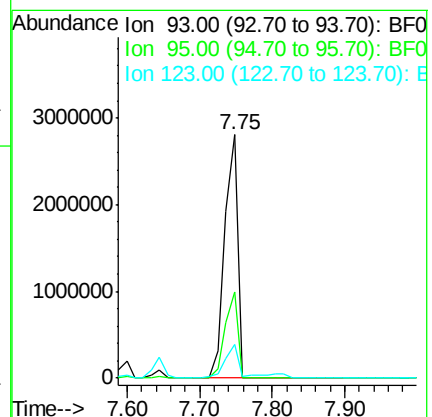
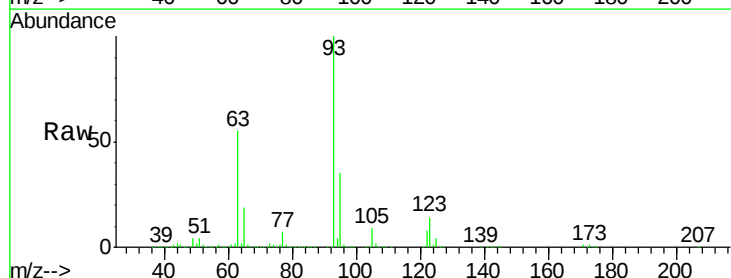
Tgt Ion: 93 Resp: 3493647

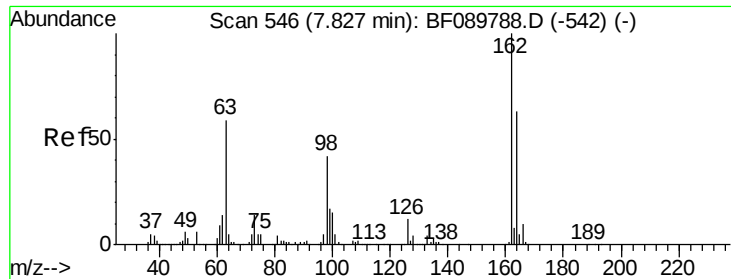
Ion Ratio Lower Upper

93 100

95 35.5 25.5 38.3

123 14.0 8.5 12.7#





#29

2,4-Dichlorophenol

Concen: 70.05 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:162 Resp: 2261974

Ion Ratio Lower Upper

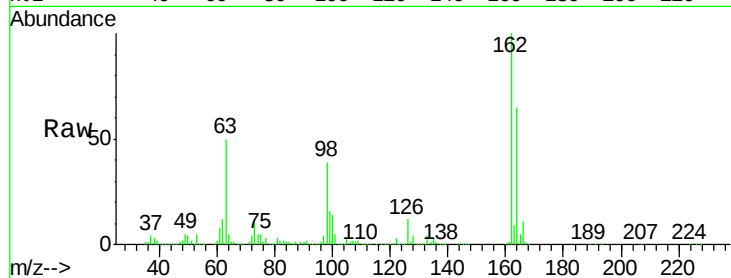
162 100

164 64.6 45.5 85.5

98 39.0 12.4 52.4

Manual Integrations

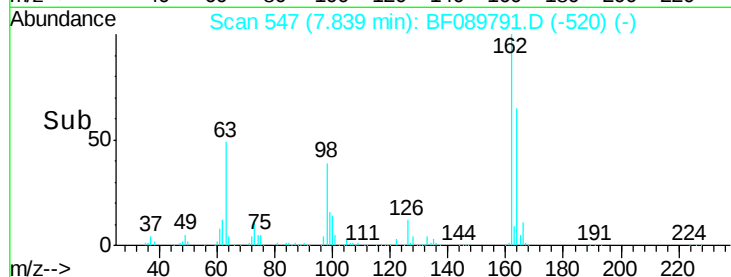
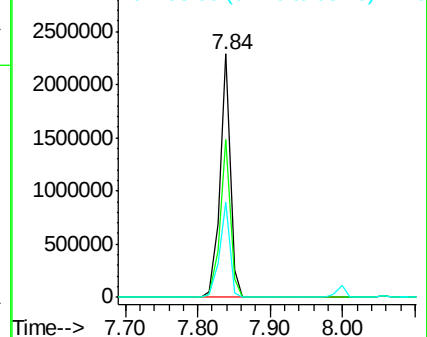
APPROVED



Abundance Ion 162.00 (161.70 to 162.70): E

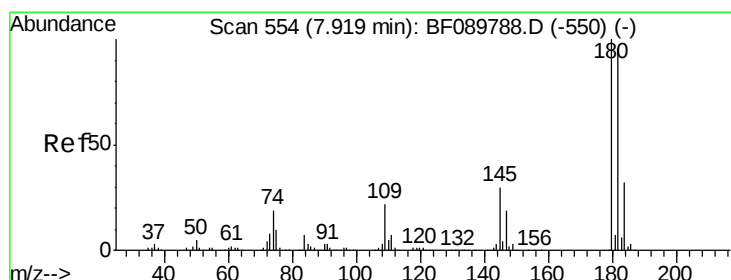
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



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#30

1,2,4-Trichlorobenzene

Concen: 66.06 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

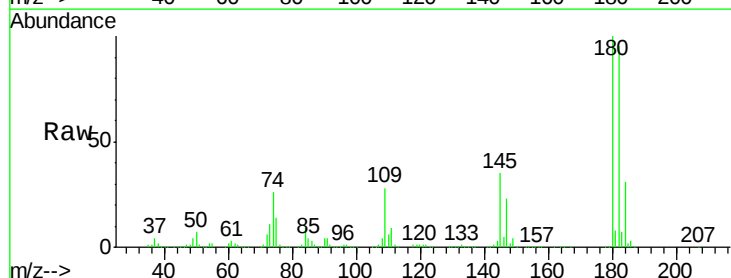
Tgt Ion:180 Resp: 2290056

Ion Ratio Lower Upper

180 100

182 95.1 75.5 113.3

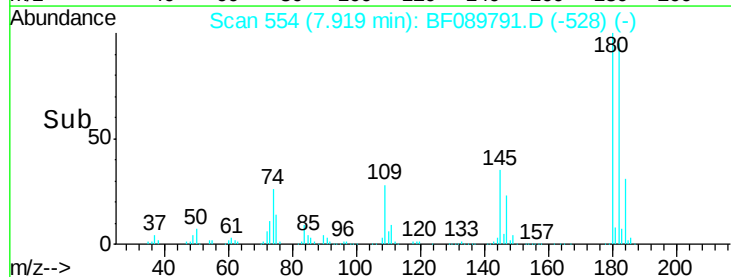
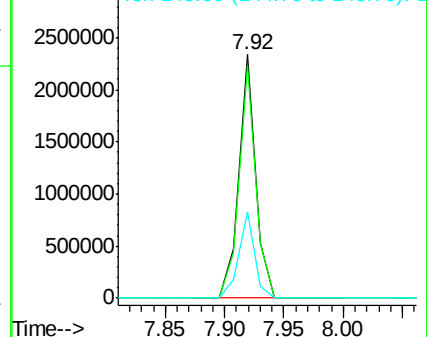
145 35.1 28.7 43.1

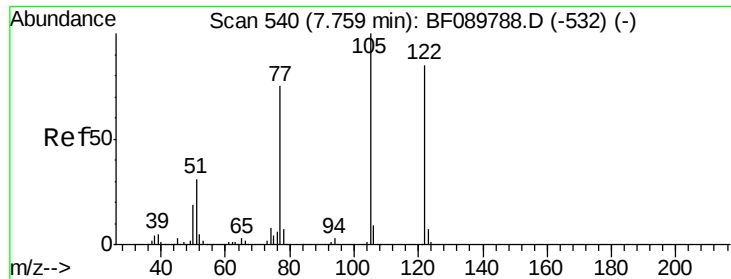


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#32

Benzoic acid

Concen: 78.03 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.06 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:122 Resp: 2353040

Ion Ratio Lower Upper

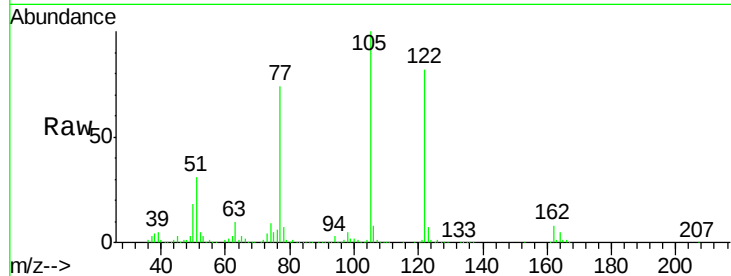
122 100

105 121.7 100.8 140.8

77 89.5 72.1 112.1

Manual Integrations

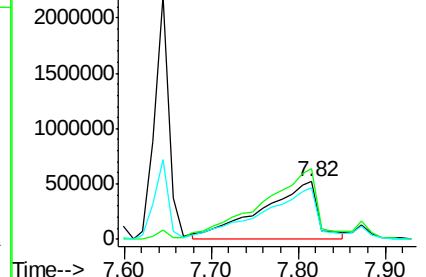
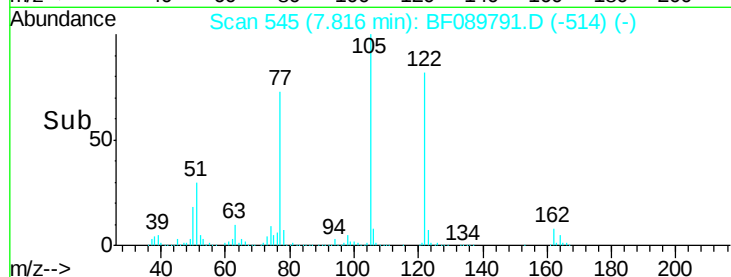
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Abundance Ion 122.00 (121.70 to 122.70): E

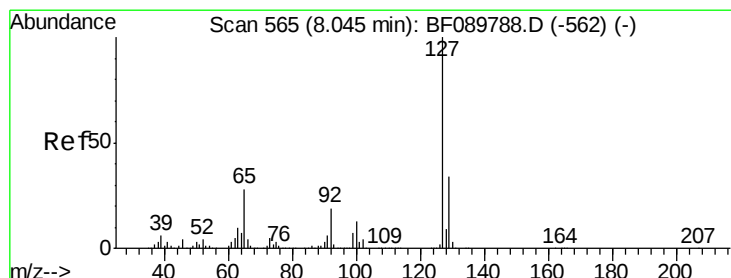
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



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#33

4-Chloroaniline

Concen: 73.89 ng

RT: 8.06 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:127 Resp: 3623247

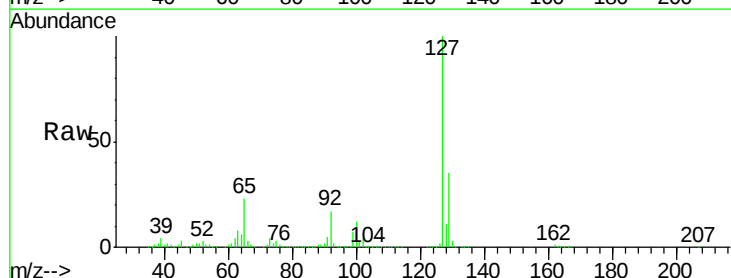
Ion Ratio Lower Upper

127 100

129 35.4 27.0 40.6

65 22.6 14.7 22.1#

92 17.0 11.7 17.5

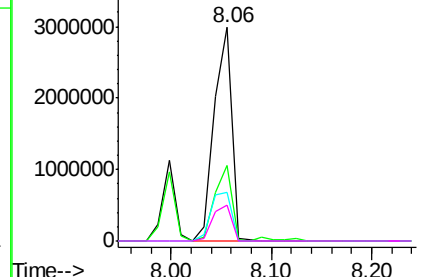
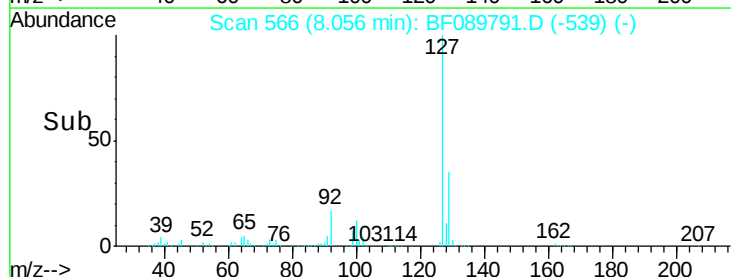


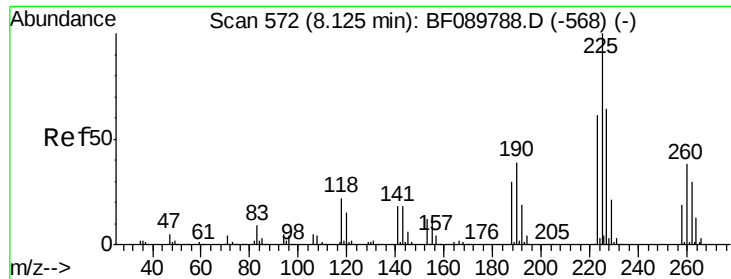
Abundance Ion 127.00 (126.70 to 127.70): E

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: 68.48 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:225 Resp: 1247143

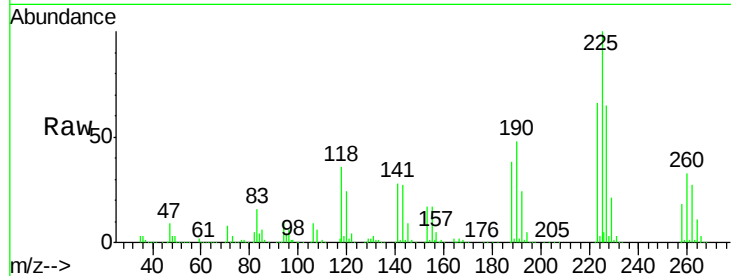
Ion Ratio Lower Upper

225 100

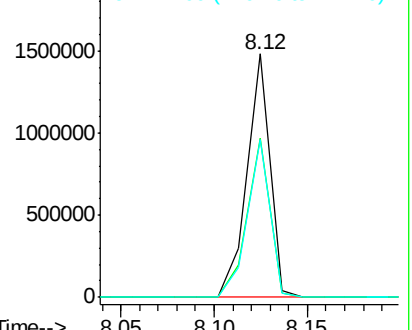
223 65.5 51.0 76.6

227 64.7 49.8 74.6

Manual Integrations
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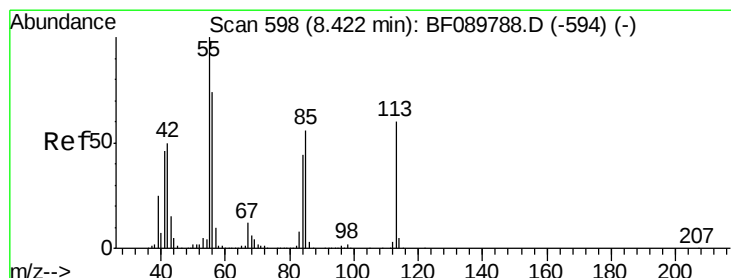
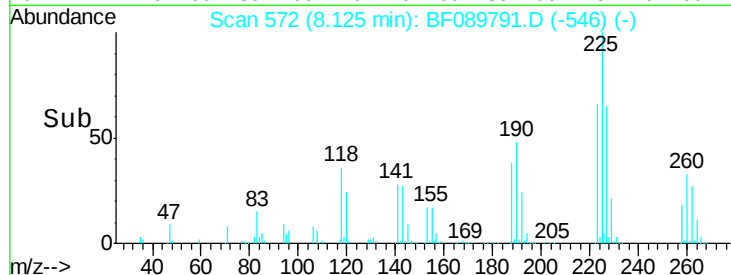


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 82.59 ng m

RT: 8.46 min Scan# 601

Delta R.T. 0.03 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

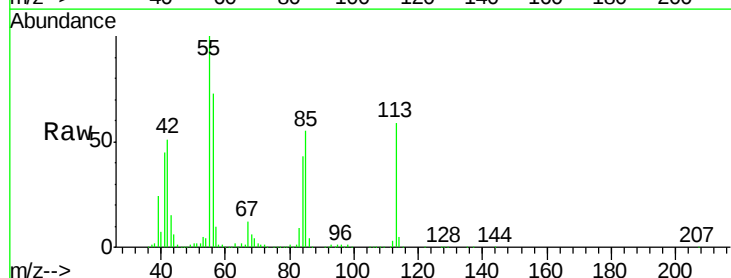
Tgt Ion:113 Resp: 822012

Ion Ratio Lower Upper

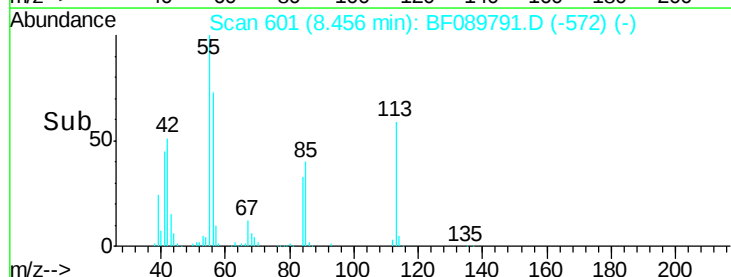
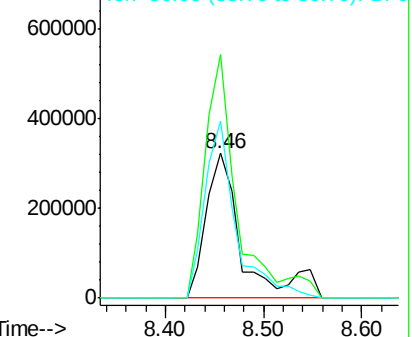
113 100

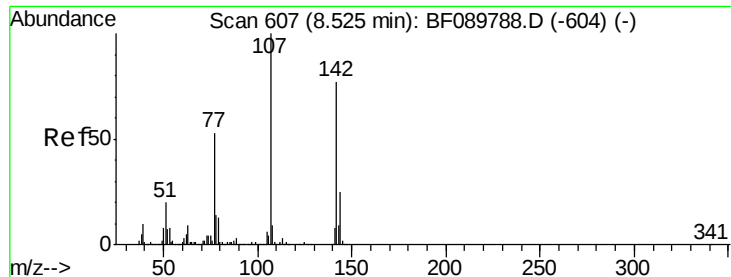
55 168.3 135.9 175.9

56 122.7 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



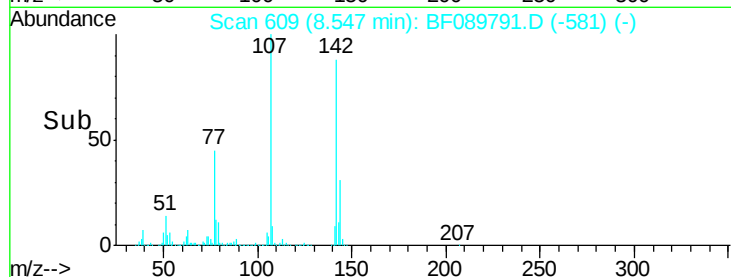
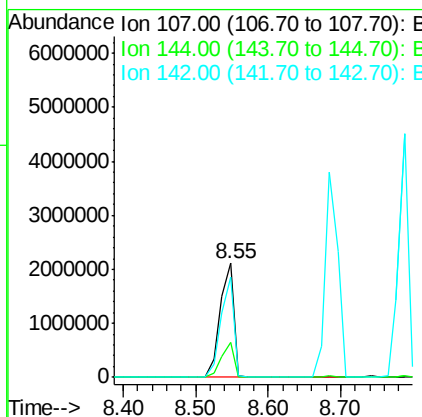
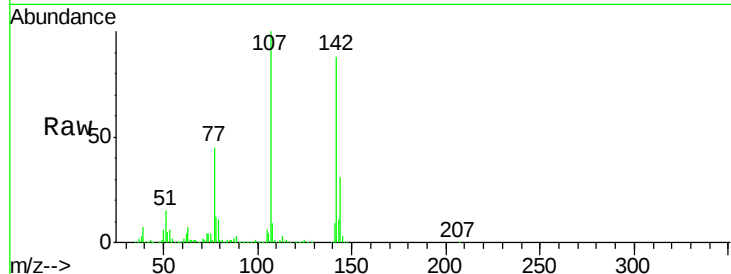


#36
4-Chloro-3-methylphenol
Concen: 78.17 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

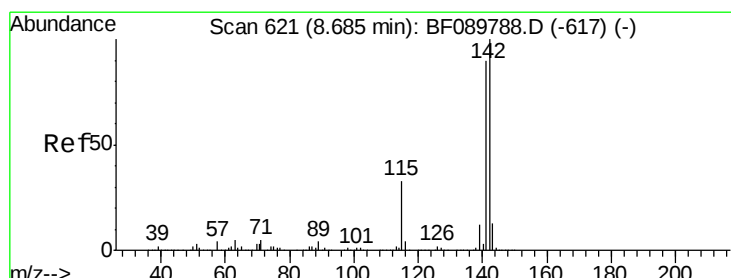
Tgt Ion:107 Resp: 2748162
Ion Ratio Lower Upper
107 100
144 30.5 22.6 34.0
142 88.1 69.3 103.9

Manual Integrations
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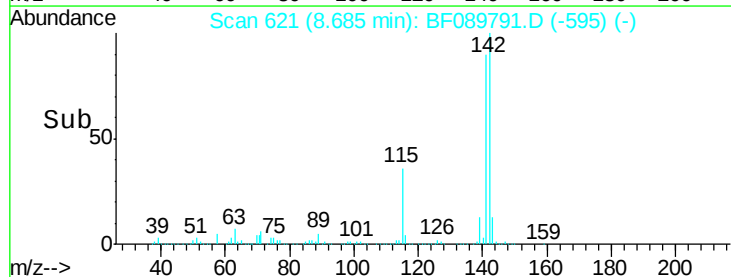
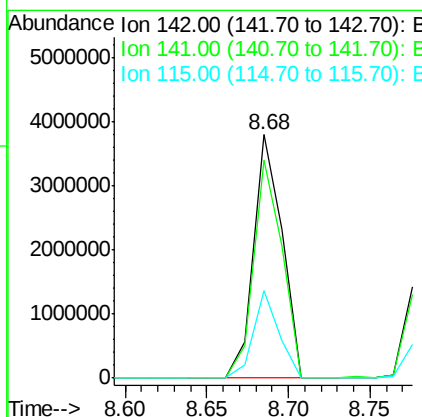
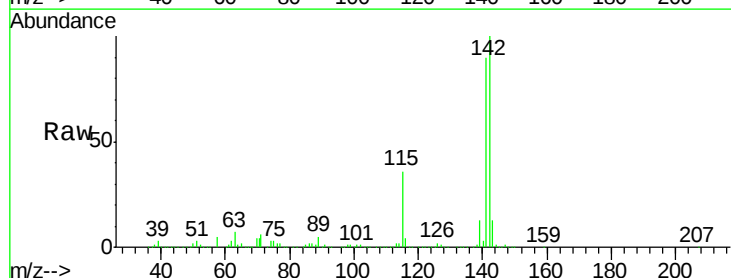
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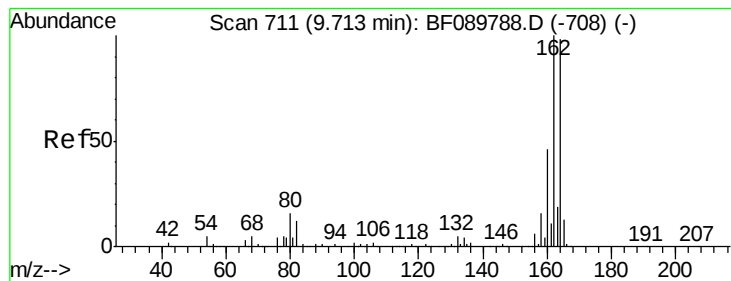
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#37
2-Methylnaphthalene
Concen: 63.83 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:142 Resp: 4603825
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 35.7 22.7 34.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 1099210

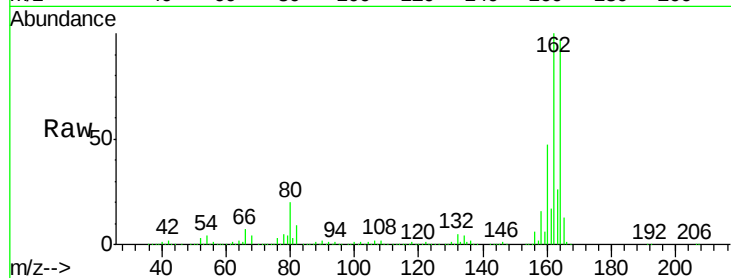
Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.2

160 48.0 37.8 56.6

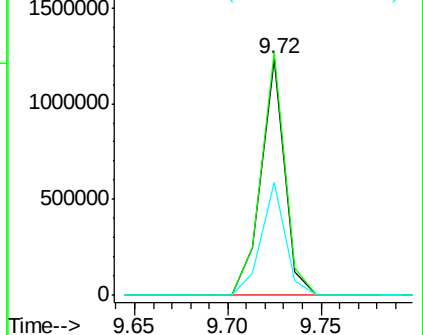
Manual Integrations
APPROVED



Abundance Ion 164.00 (163.70 to 164.70): E

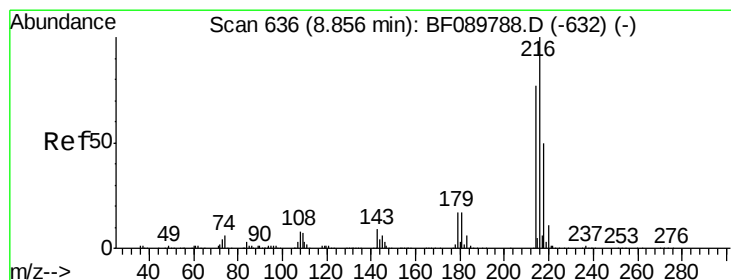
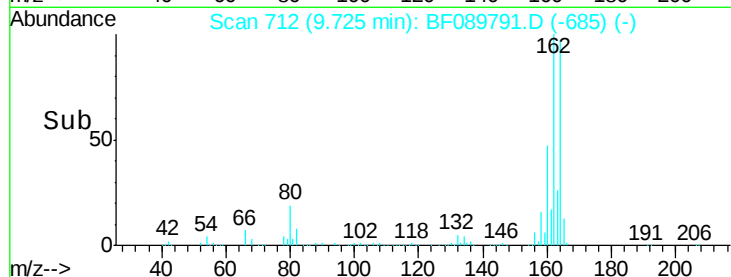
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.47 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:216 Resp: 2066222

Ion Ratio Lower Upper

216 100

214 81.8 63.5 95.3

179 26.0 19.9 29.9

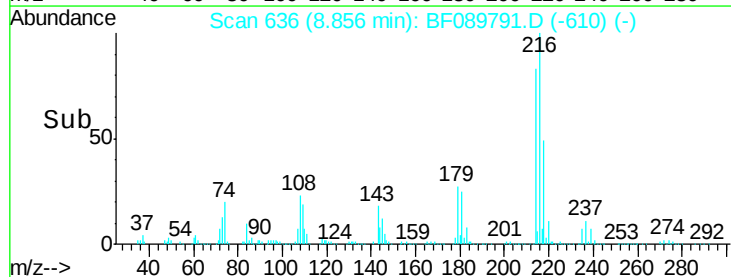
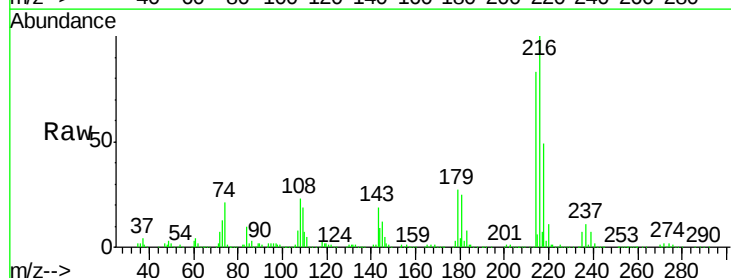
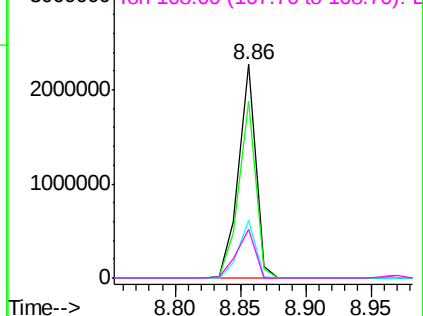
108 24.4 19.9 29.9

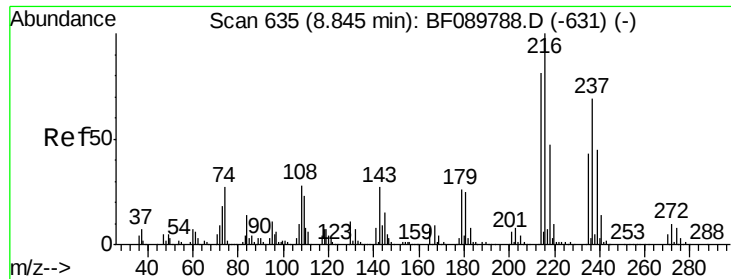
Abundance Ion 216.00 (215.70 to 216.70): E

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



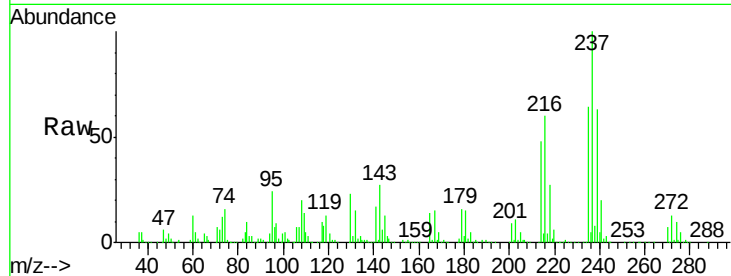


#40
Hexachlorocyclopentadiene
Concen: 59.80 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

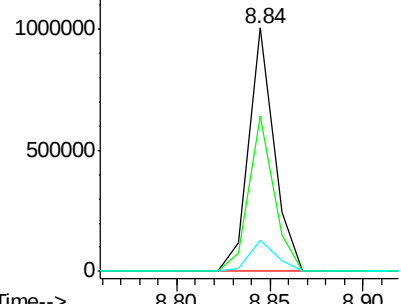
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	941779		
235	64.0		43.7	83.7
272	12.8		0.0	31.6

Manual Integrations
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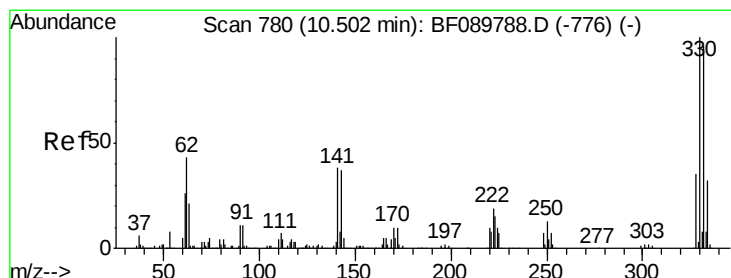
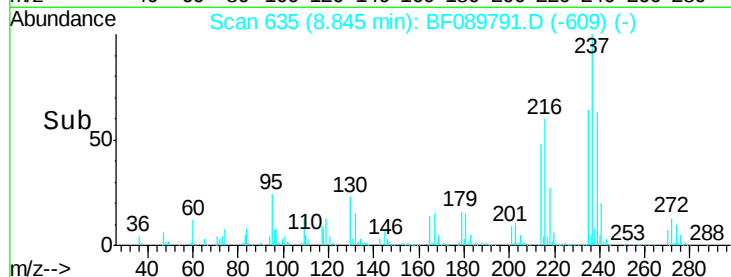


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



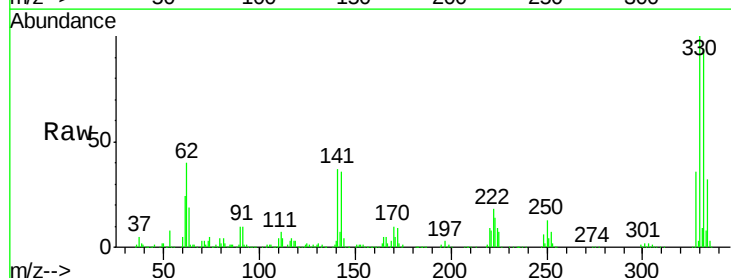
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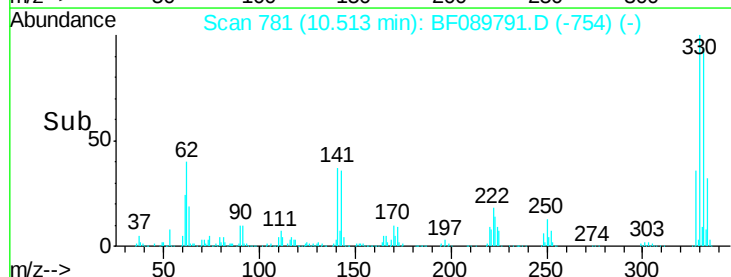
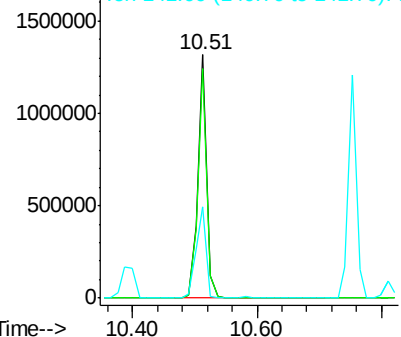


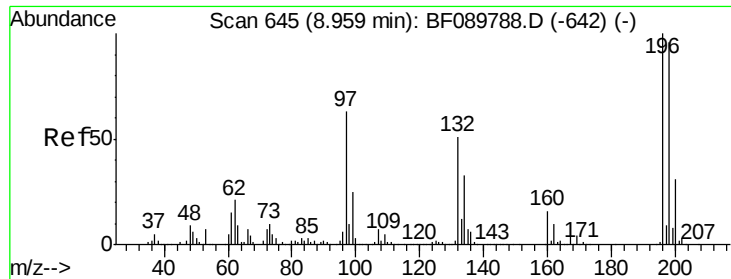
#41
2,4,6-Tribromophenol
Concen: 120.76 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1284178		
332	94.7		76.7	115.1
141	42.3		30.2	45.2



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



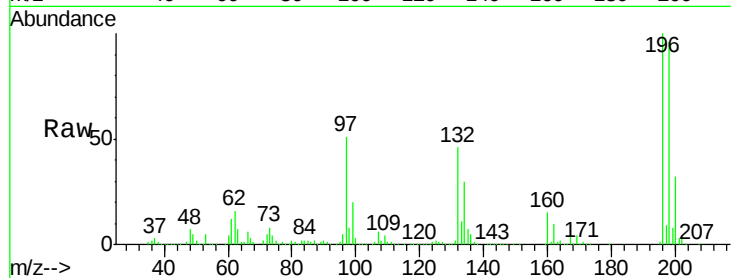


#42
 2,4,6-Trichlorophenol
 Concen: 73.04 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

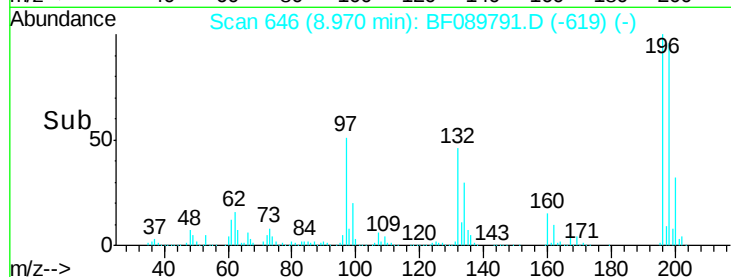
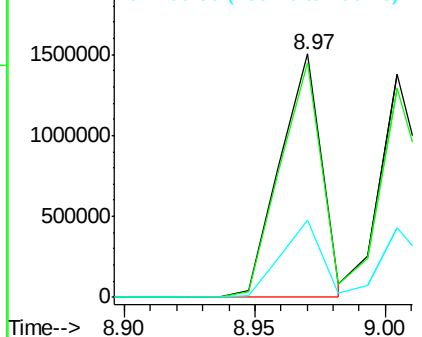
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:196 Resp: 1667328
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.3 114.5
 200 31.9 24.6 36.8

Manual Integrations
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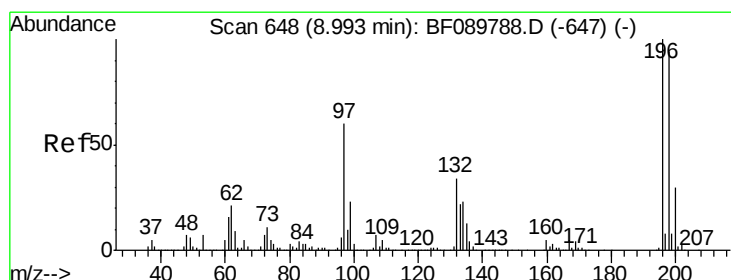


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



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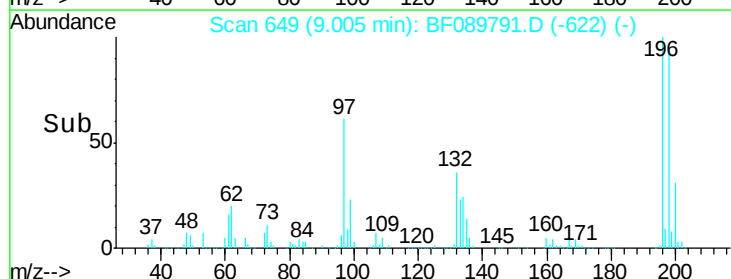
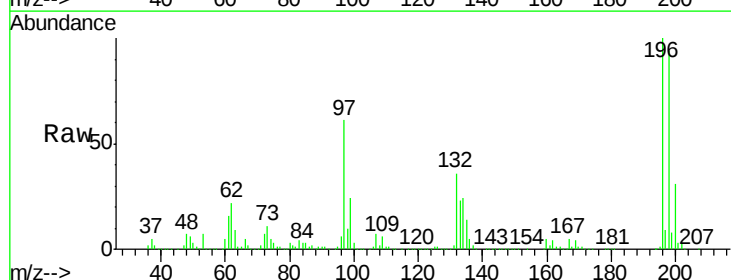
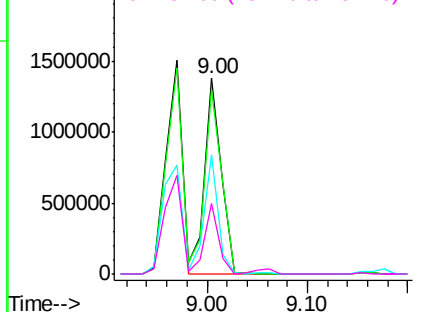
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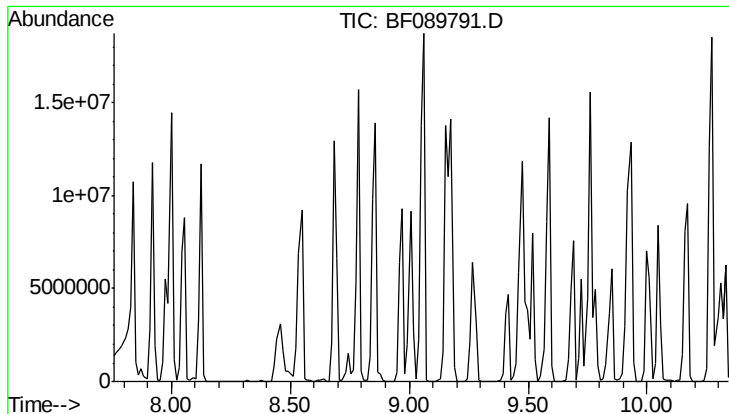


#43
 2,4,5-Trichlorophenol
 Concen: 72.03 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:196 Resp: 1567690
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.6 114.8
 97 61.1 35.8 53.8#
 132 35.8 23.5 35.3#

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



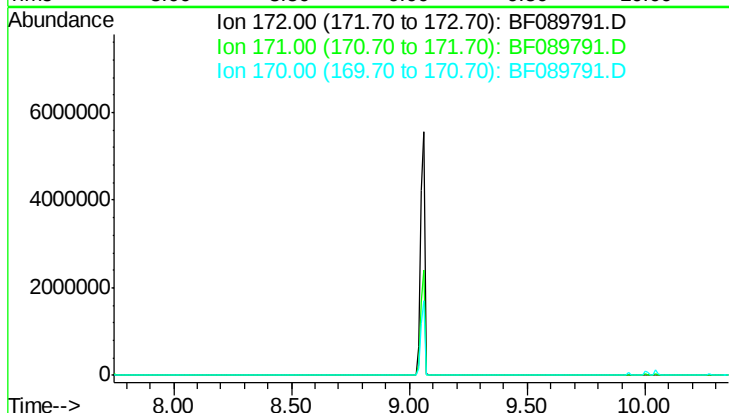


#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.05 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

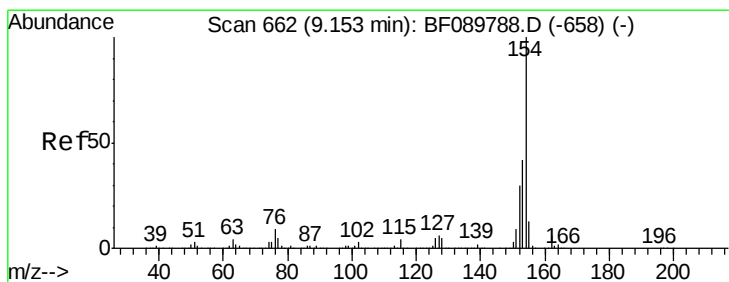
Tgt Ion: 172
Sig Exp Ratio
172 100
171 38.1
170 25.8

Manual Integrations
APPROVED



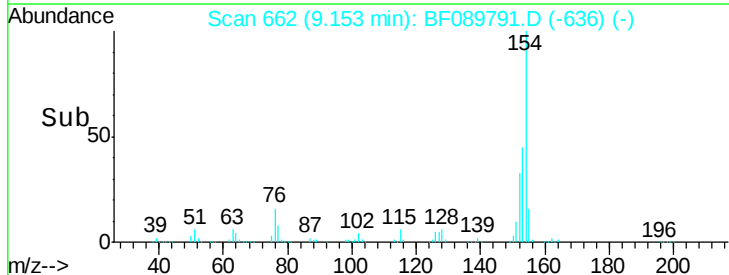
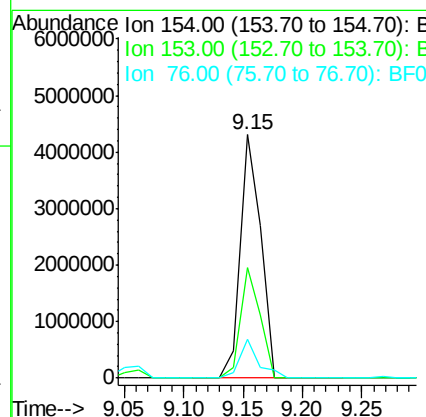
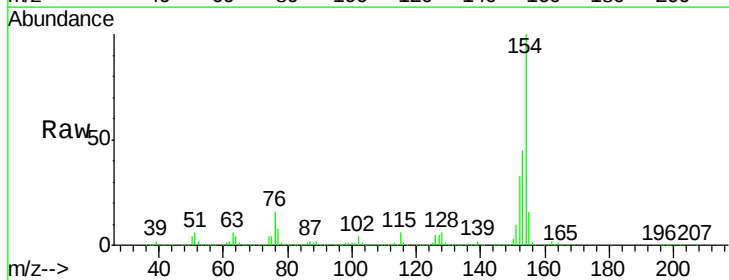
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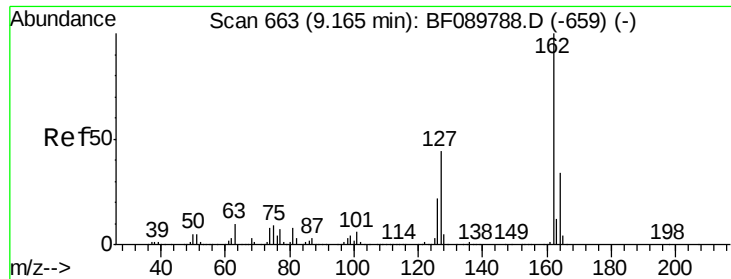
8/19/2016 4:51:34 PM



#45
1,1'-Biphenyl
Concen: 56.61 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion: 154 Resp: 5153850
Ion Ratio Lower Upper
154 100
153 45.3 21.5 61.5
76 15.9 0.0 36.7



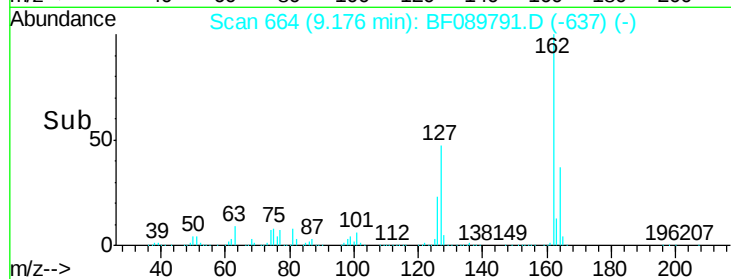
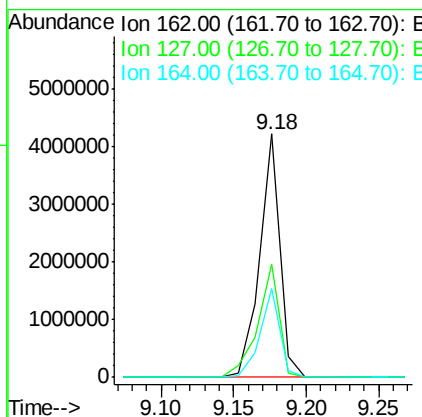
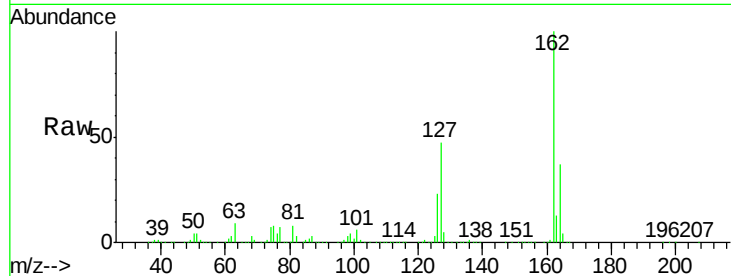


#46
2-Chloronaphthalene
Concen: 59.72 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

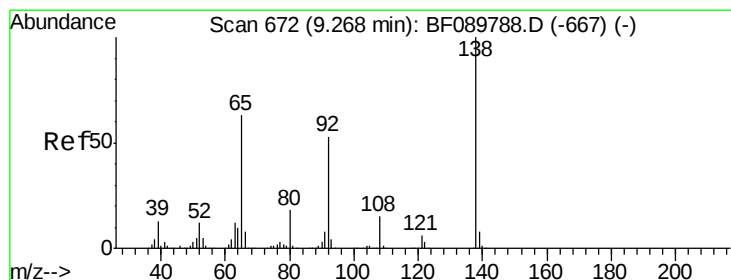
Tgt Ion:162 Resp: 4074304
Ion Ratio Lower Upper
162 100
127 46.6 35.5 53.3
164 36.7 26.6 40.0

Manual Integrations
APPROVED



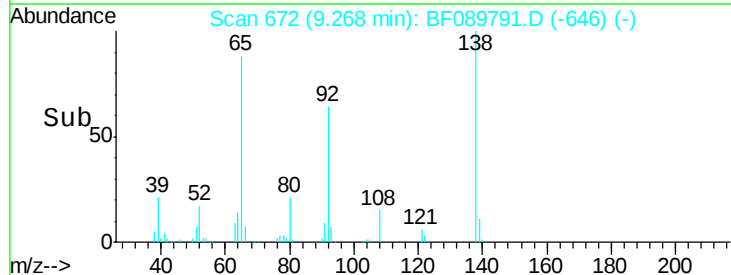
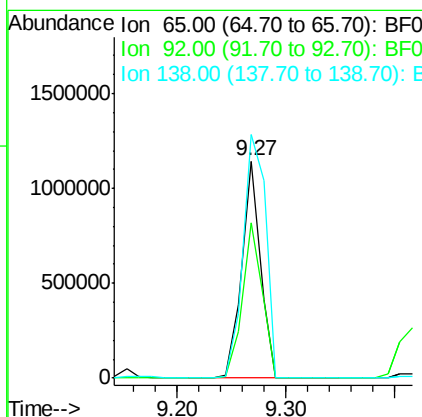
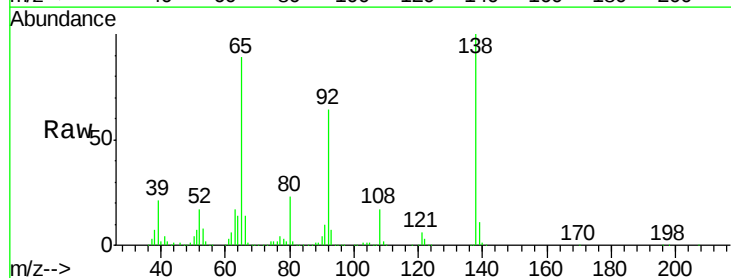
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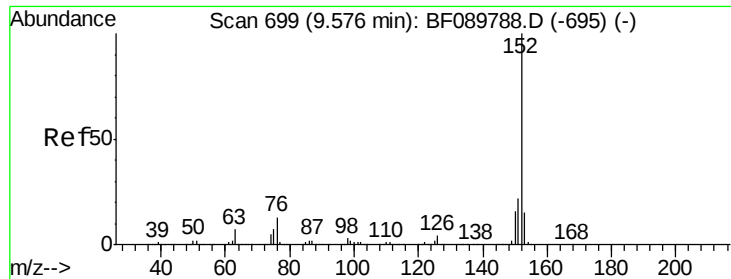
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#47
2-Nitroaniline
Concen: 65.00 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion: 65 Resp: 1351070
Ion Ratio Lower Upper
65 100
92 71.5 56.3 84.5
138 112.0 81.8 122.8





#48

Acenaphthylene

Concen: 56.97 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

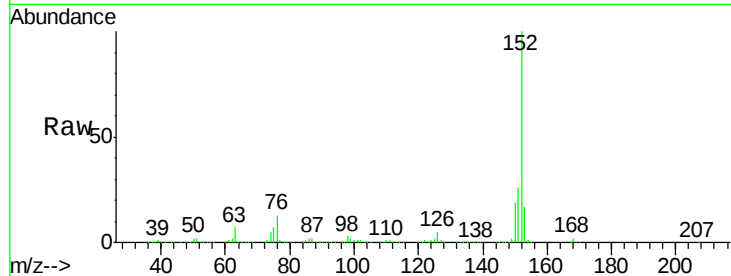
BNA_F

ClientSampleId :

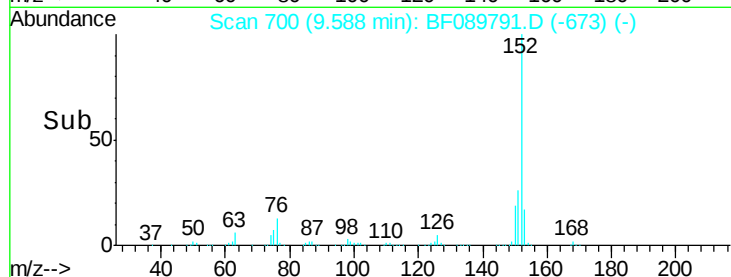
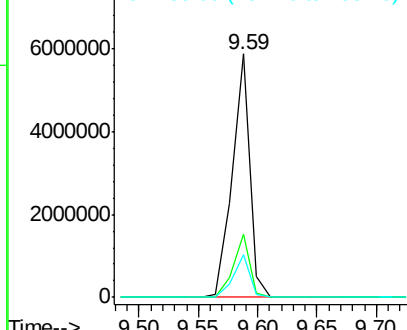
SSTDIC080

Tgt Ion:	152	Resp:	5983255
Ion	Ratio	Lower	Upper
152	100		
151	26.1	17.1	25.7#
153	17.4	11.2	16.8#

Manual Integrations
APPROVED

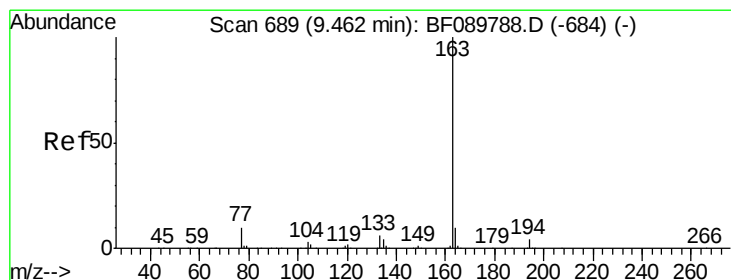


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 68.39 ng

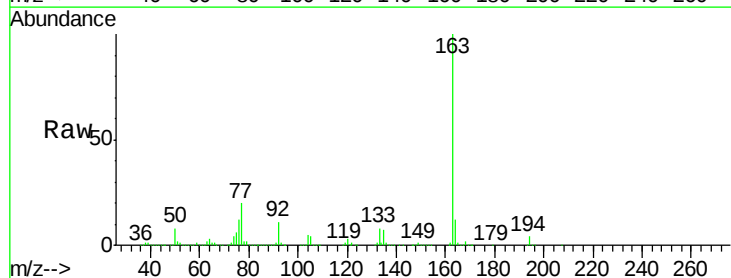
RT: 9.47 min Scan# 690

Delta R.T. 0.01 min

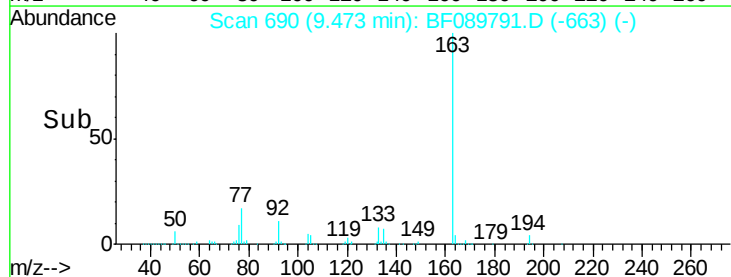
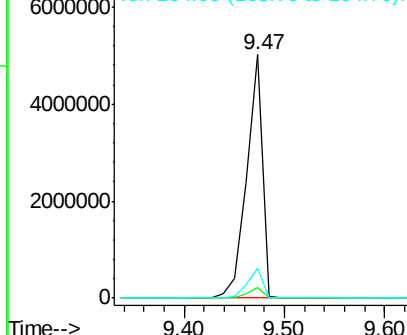
Lab File: BF089791.D

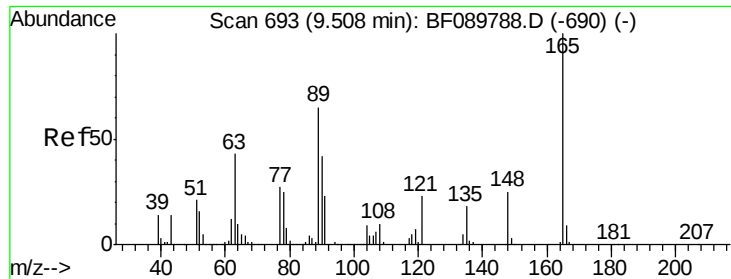
Acq: 19 Aug 2016 12:34

Tgt Ion:	163	Resp:	5439241
Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	3.8#
164	12.1	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



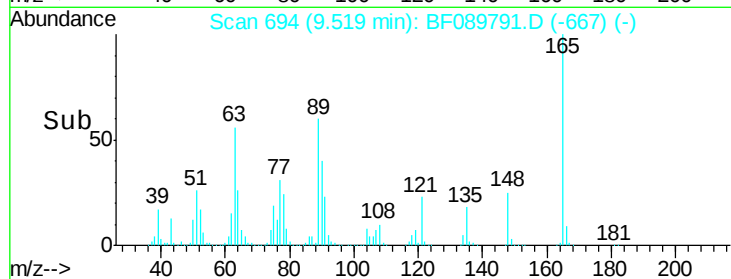
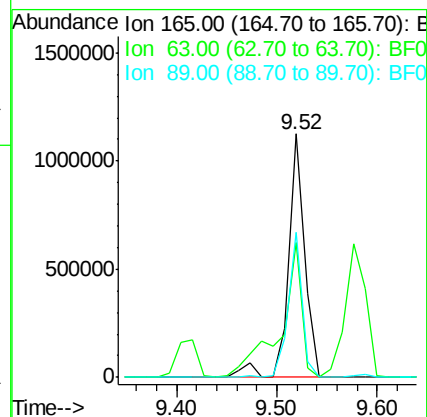
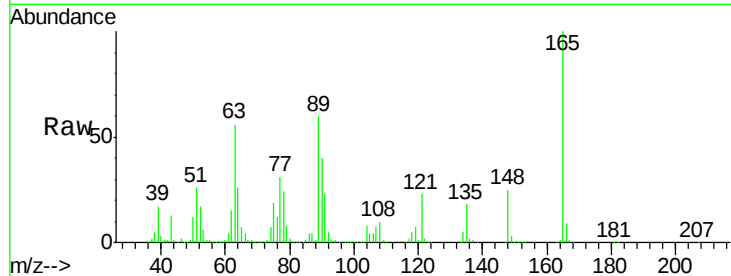


#50
2,6-Dinitrotoluene
Concen: 70.37 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

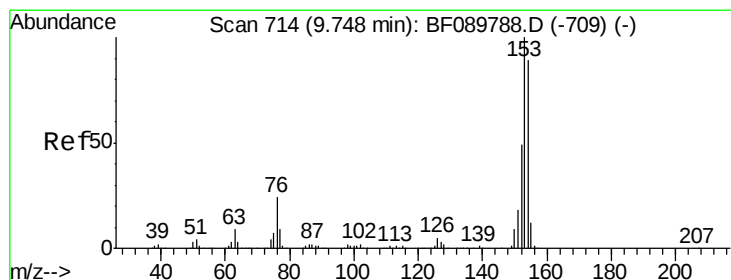
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.6	41.7	62.5
89	59.6	44.6	67.0

Manual Integrations
APPROVED



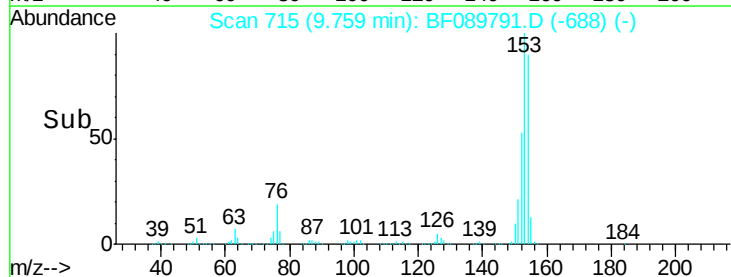
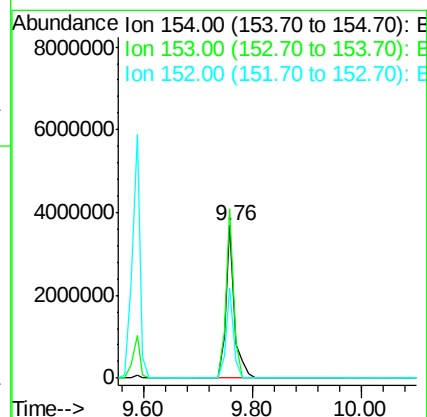
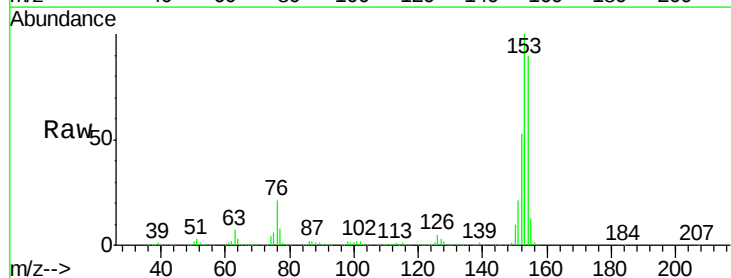
umangi

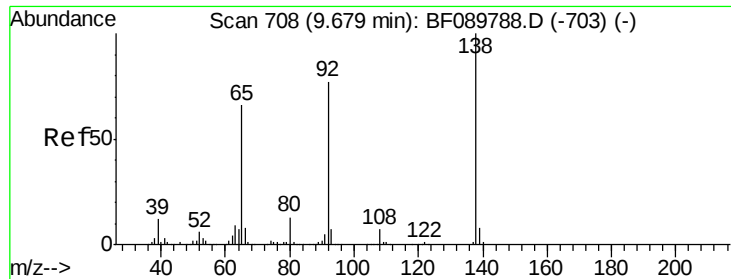
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#51
Acenaphthene
Concen: 58.56 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	58.8	44.6	67.0



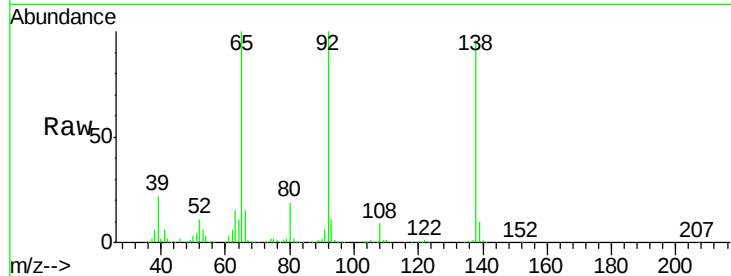


#52
3-Nitroaniline
Concen: 80.40 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

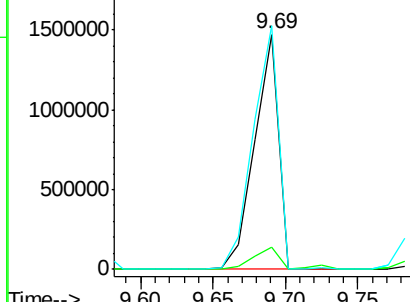
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:138 Resp: 1682823
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 103.6 92.7 139.1

Manual Integrations
APPROVED

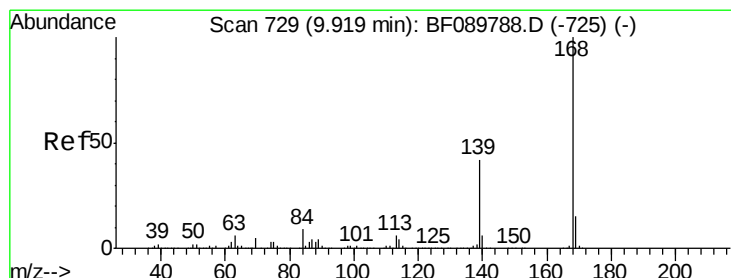
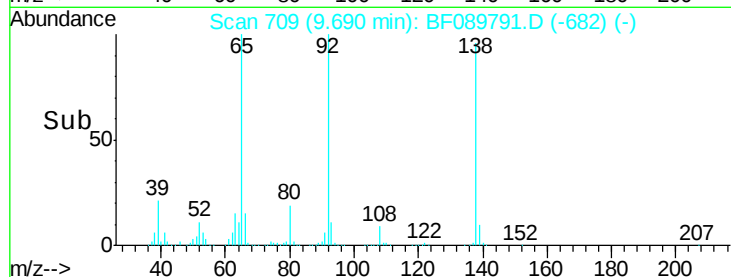


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



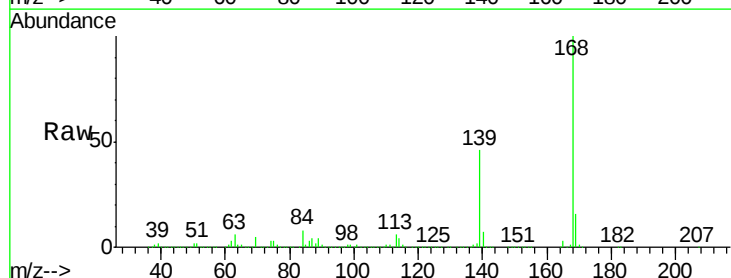
umangi

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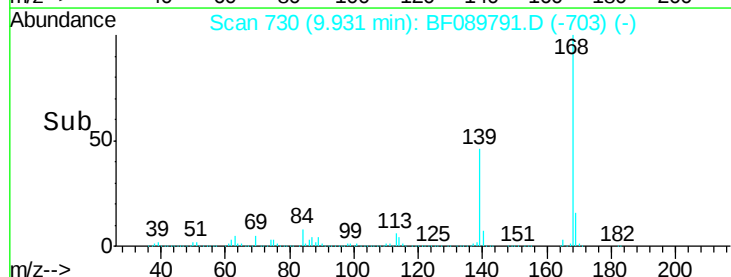
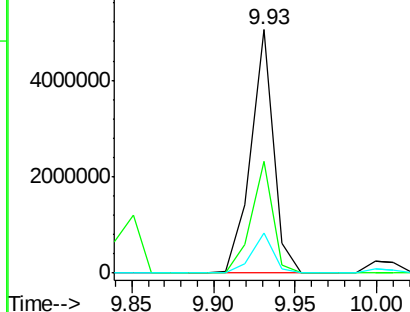


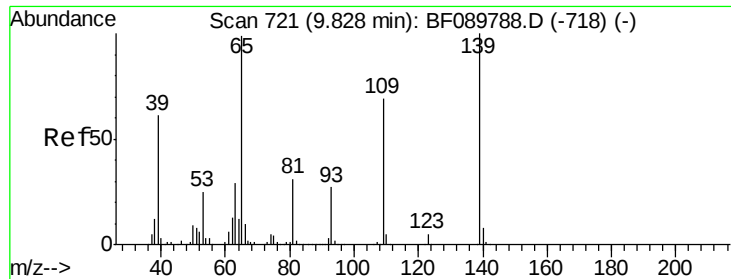
#54
Dibenzofuran
Concen: 55.92 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:168 Resp: 4876239
Ion Ratio Lower Upper
168 100
139 45.8 34.6 52.0
169 16.4 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



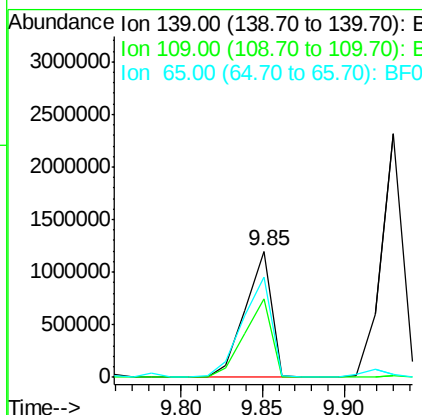
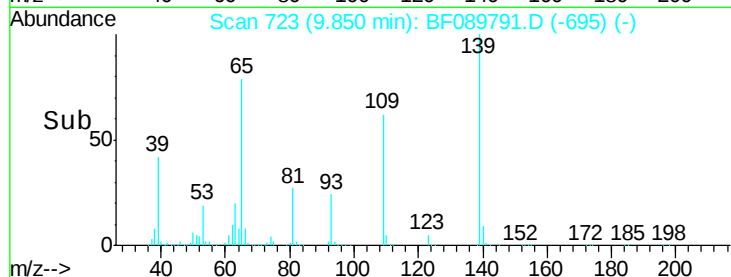
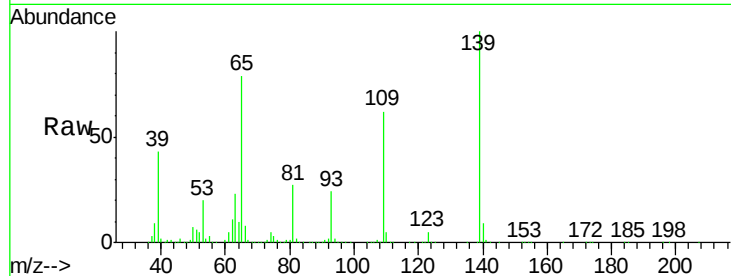


#55
4-Nitrophenol
Concen: 84.81 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

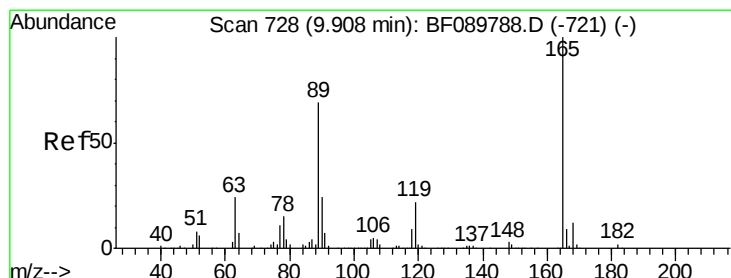
Tgt Ion:139 Resp: 1365618
Ion Ratio Lower Upper
139 100
109 62.2 43.0 83.0
65 79.2 55.7 95.7

Manual Integrations
APPROVED



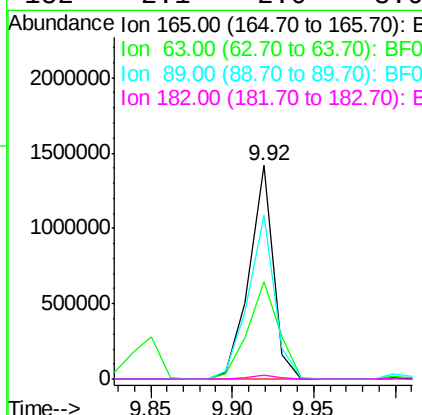
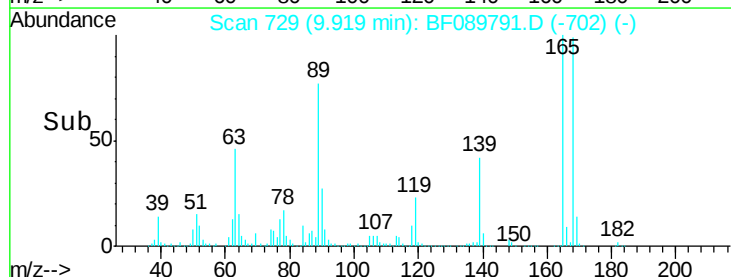
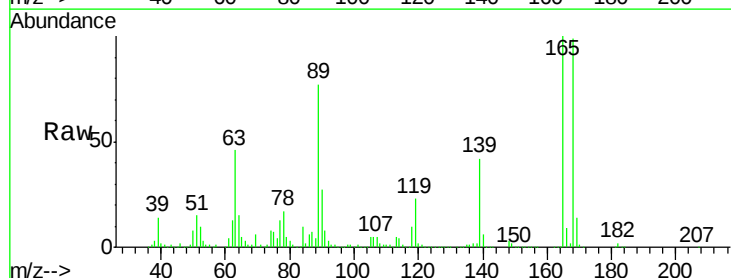
umangi

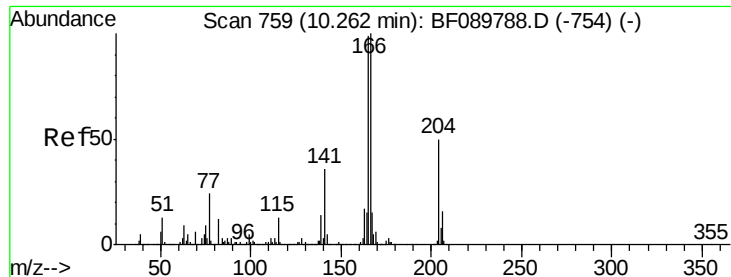
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#56
2,4-Dinitrotoluene
Concen: 63.07 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:165 Resp: 1459410
Ion Ratio Lower Upper
165 100
63 45.8 23.7 35.5#
89 76.9 44.0 66.0#
182 2.1 2.0 3.0



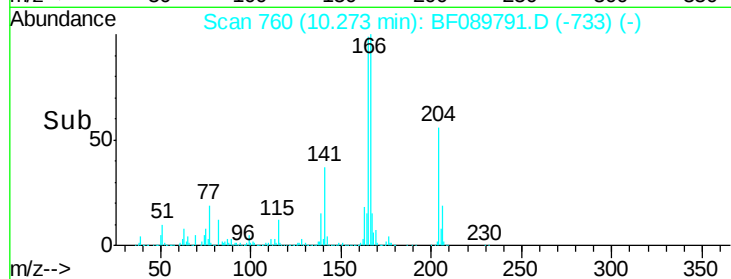
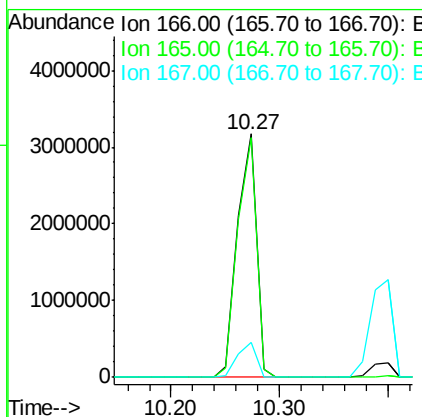
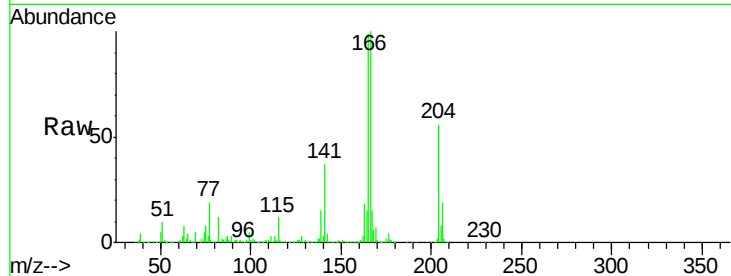


#57
 Fluorene
 Concen: 53.90 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

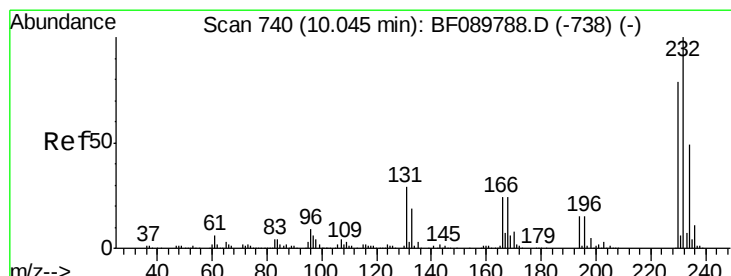
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.2	120.4
167	14.6	11.3	16.9

Manual Integrations
 APPROVED



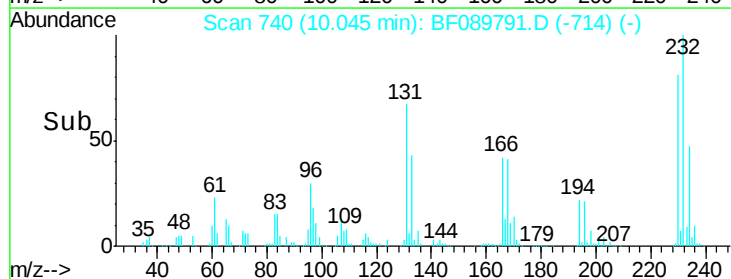
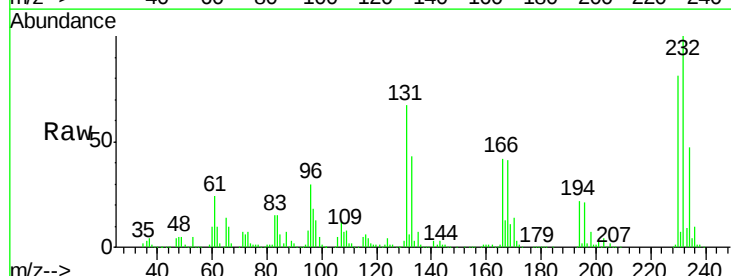
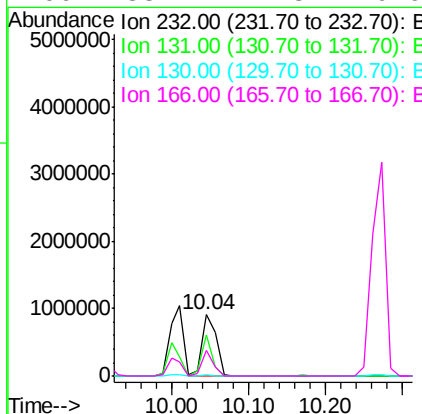
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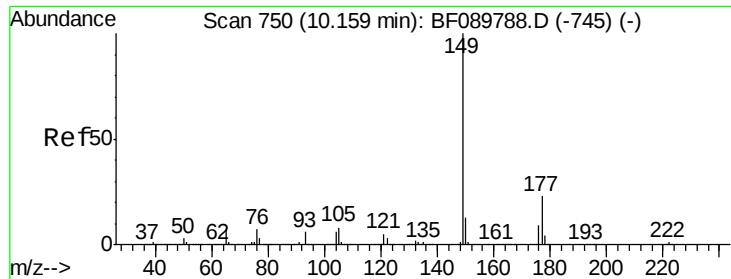
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 66.71 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	42.5	63.7
130	2.3	2.2	3.4
166	33.1	27.3	40.9



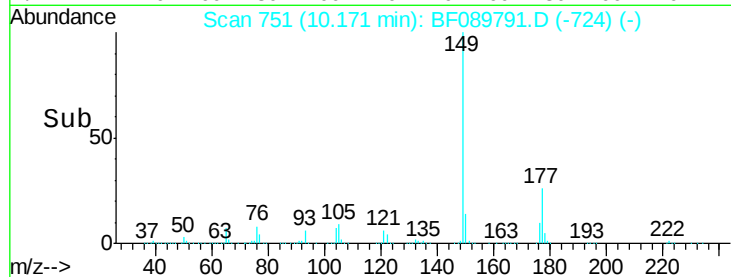
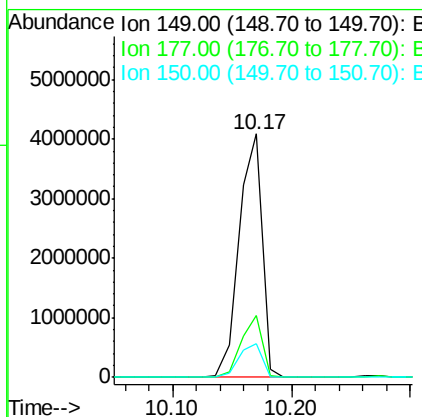
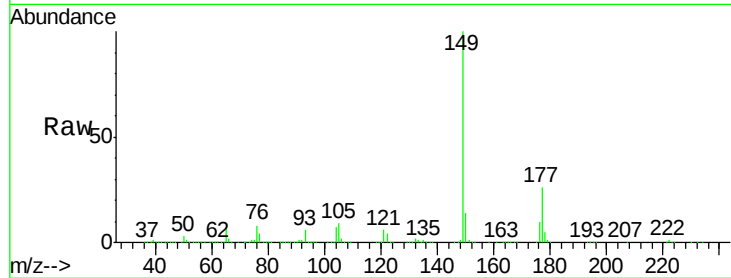


#59
Diethylphthalate
Concen: 68.35 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

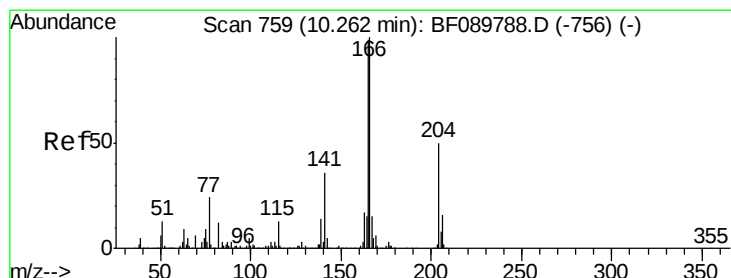
Tgt Ion:149 Resp: 5512078
Ion Ratio Lower Upper
149 100
177 25.5 16.6 25.0#
150 14.1 10.5 15.7

Manual Integrations
APPROVED



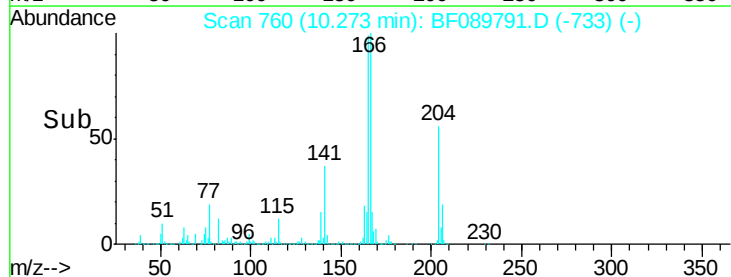
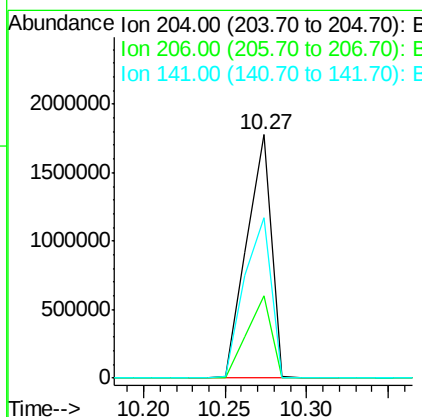
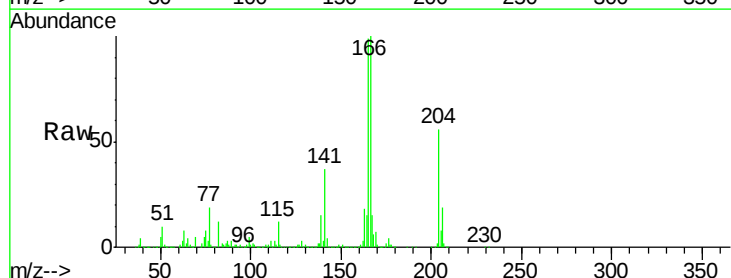
umangi

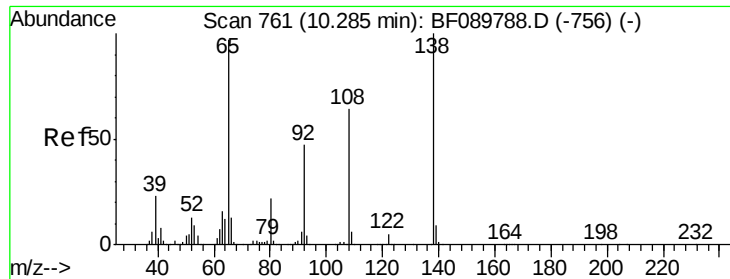
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#60
4-Chlorophenyl-phenylether
Concen: 53.91 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:204 Resp: 1864781
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 65.8 54.1 81.1



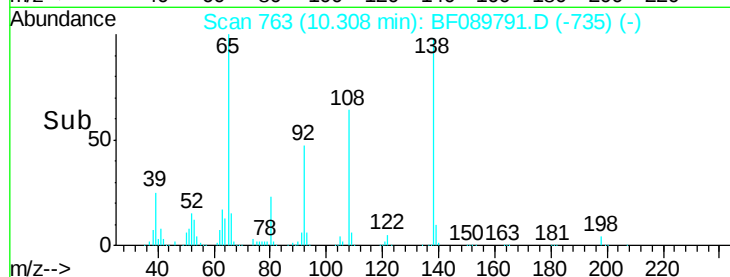
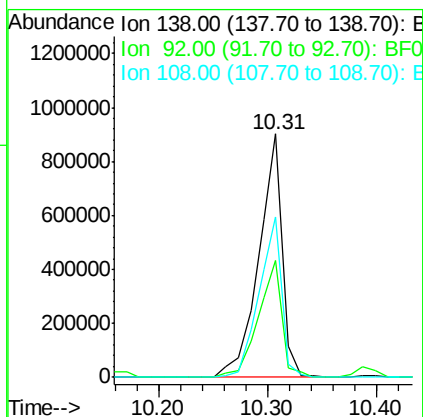
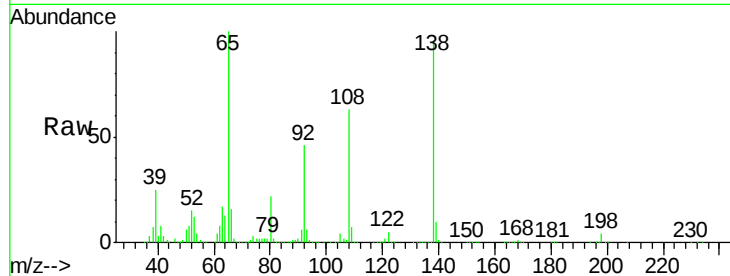


#61
4-Nitroaniline
Concen: 66.68 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

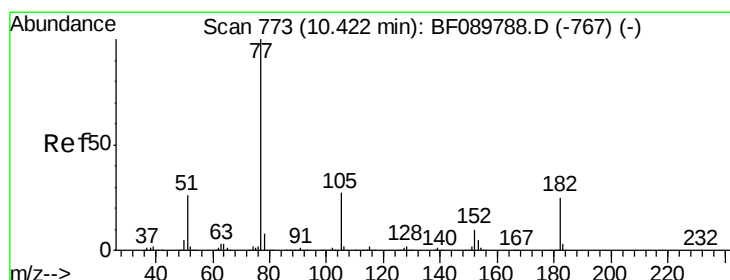
Tgt Ion: 138 Resp: 1354995
Ion Ratio Lower Upper
138 100
92 48.0 26.4 66.4
108 65.8 47.0 87.0

Manual Integrations
APPROVED



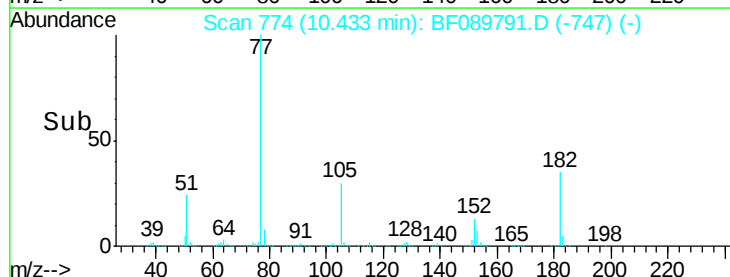
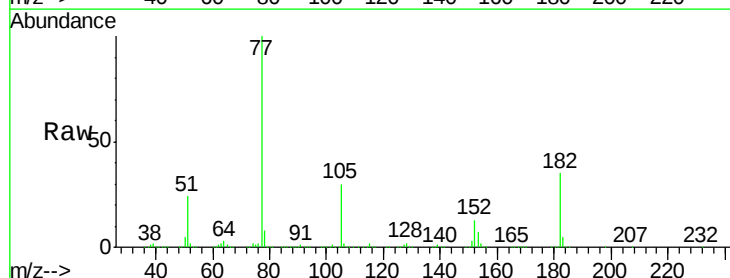
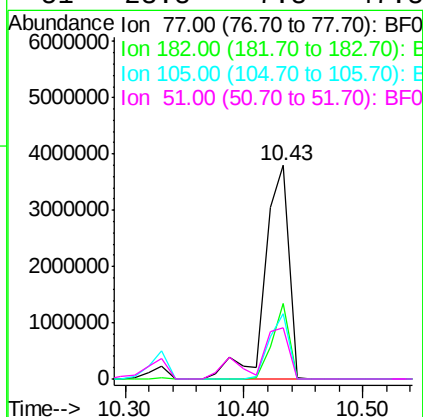
umangi

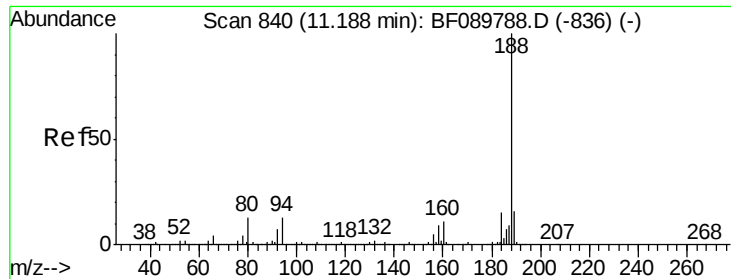
8/19/2016 4:51:34 PM



#62
Azobenzene
Concen: 69.85 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion: 77 Resp: 5322815
Ion Ratio Lower Upper
77 100
182 35.4 5.6 45.6
105 30.4 4.0 44.0
51 23.8 7.8 47.8



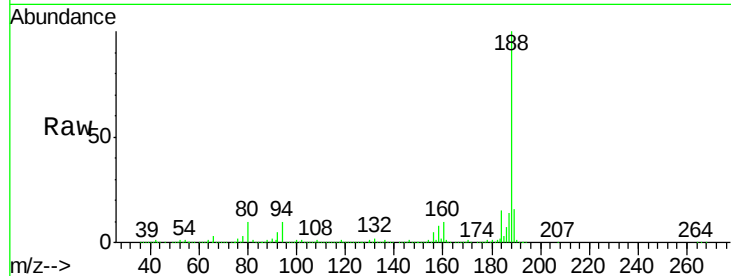


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

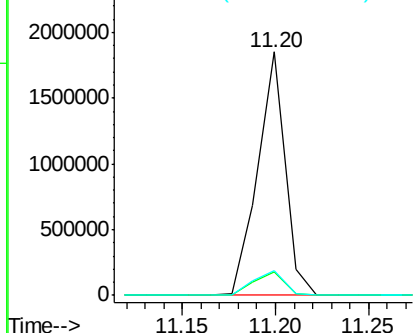
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.2	15.2#
80	9.9	10.9	16.3#

Manual Integrations
APPROVED

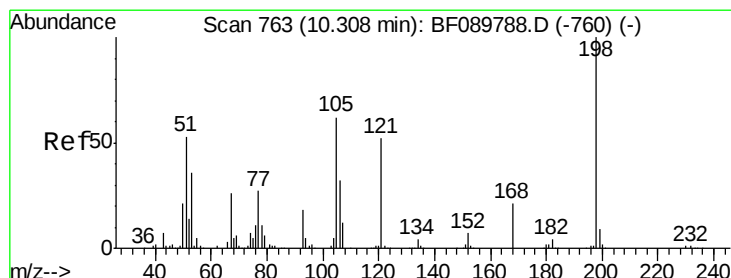
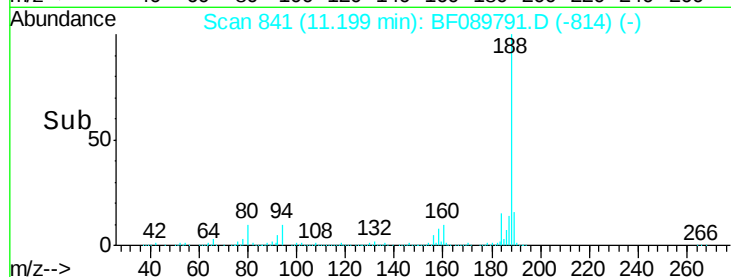


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



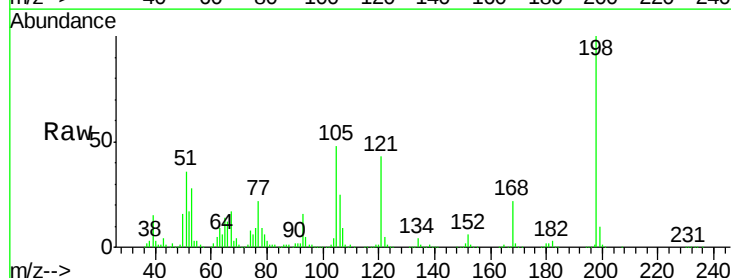
umangi

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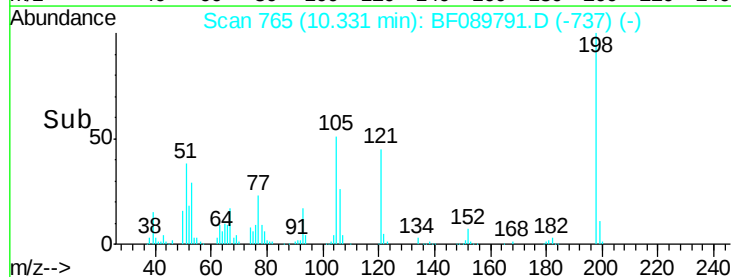
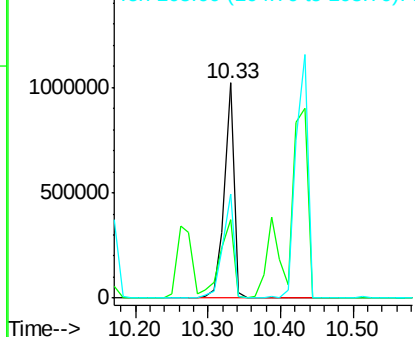


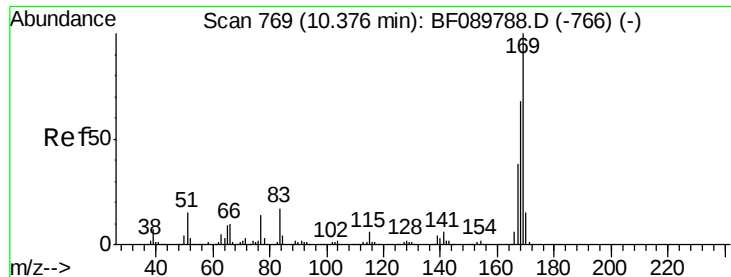
#64
4,6-Dinitro-2-methylphenol
Concen: 88.56 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.4	32.3	72.3
105	48.5	32.9	72.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 75.95 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:169 Resp: 4505419

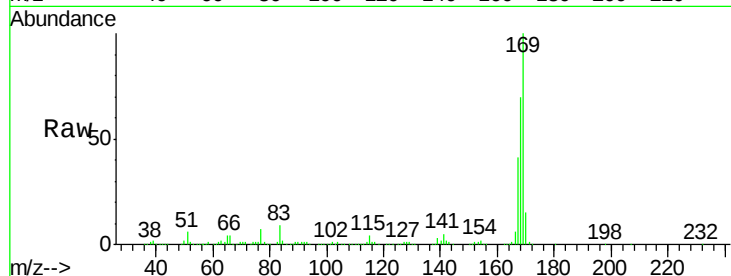
Ion Ratio Lower Upper

169 100

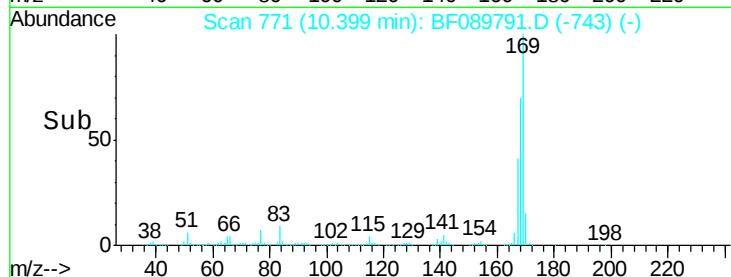
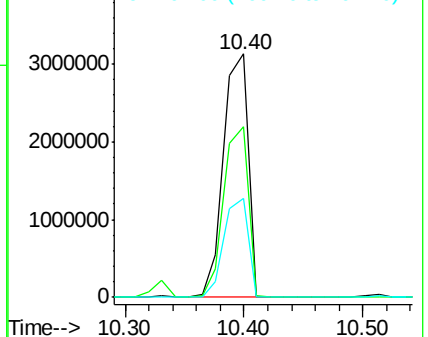
168 70.1 54.6 82.0

167 40.7 30.6 45.8

Manual Integrations
APPROVED

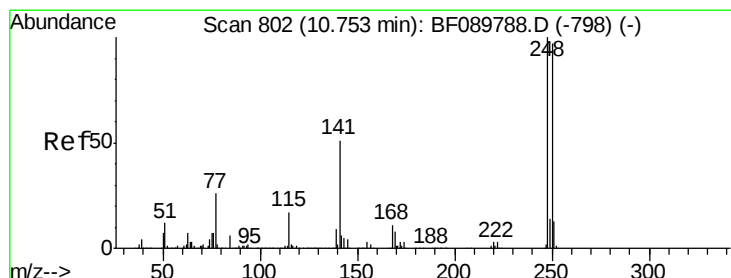


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



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#66

4-Bromophenyl-phenylether

Concen: 66.85 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

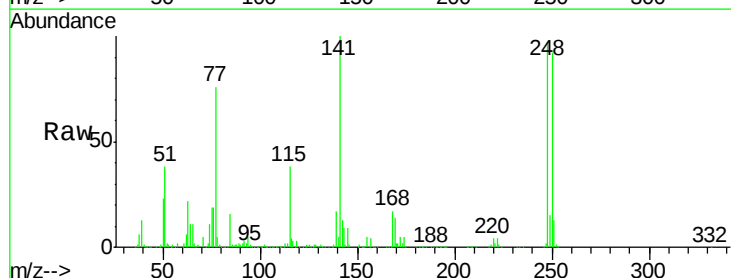
Tgt Ion:248 Resp: 1308621

Ion Ratio Lower Upper

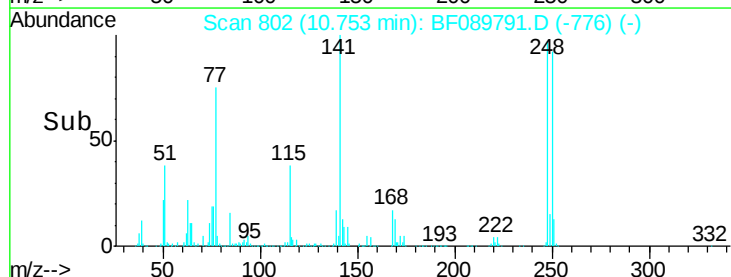
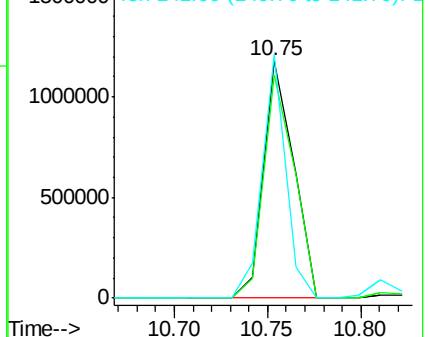
248 100

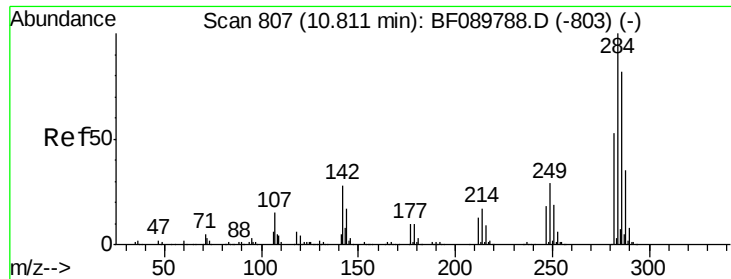
250 94.1 78.6 117.8

141 102.6 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



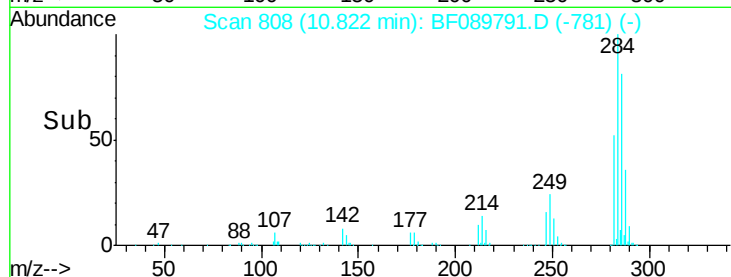
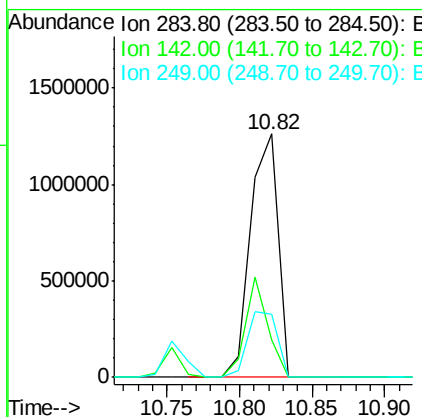
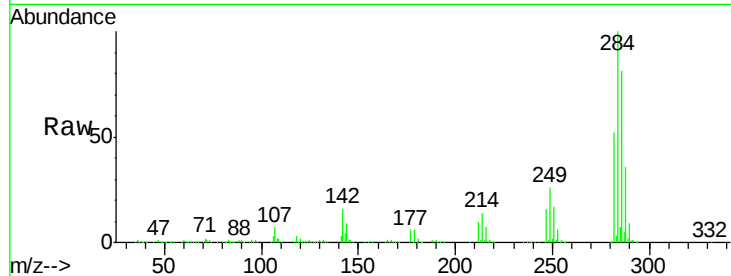


#67
Hexachlorobenzene
Concen: 75.99 ng
RT: 10.82 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampled :
SSTDIC080

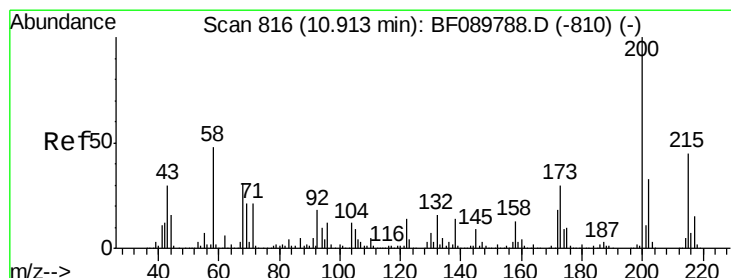
Tgt Ion:284 Resp: 1653555
Ion Ratio Lower Upper
284 100
142 15.6 17.4 26.2#
249 26.2 22.8 34.2

Manual Integrations
APPROVED



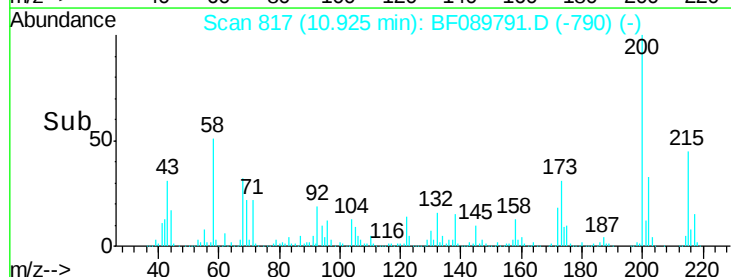
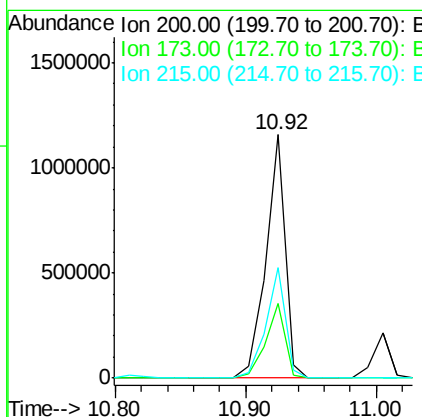
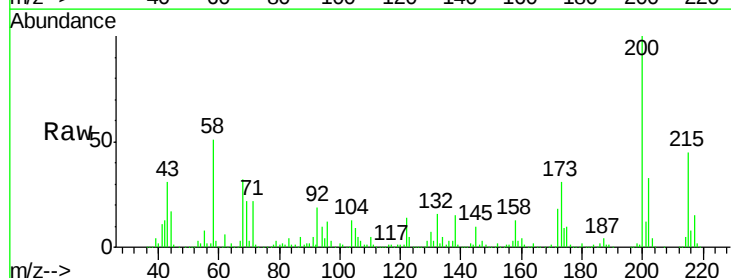
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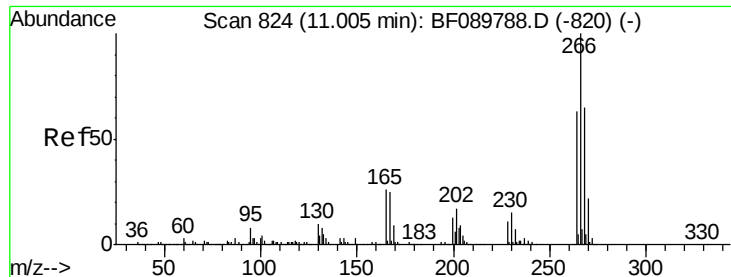
8/19/2016 4:51:34 PM



#68
Atrazine
Concen: 66.87 ng
RT: 10.92 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:200 Resp: 1201493
Ion Ratio Lower Upper
200 100
173 30.6 6.6 46.6
215 45.4 24.7 64.7



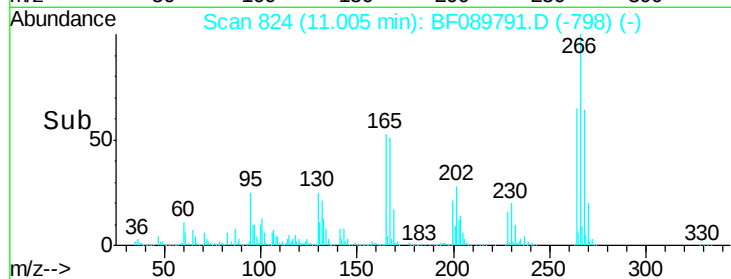
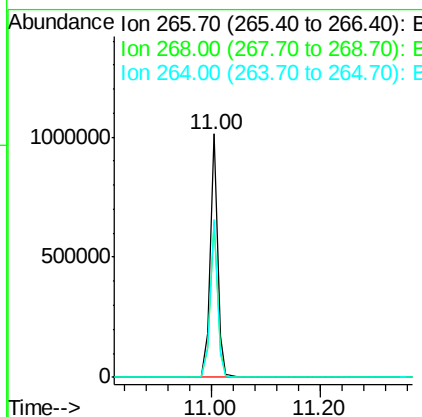
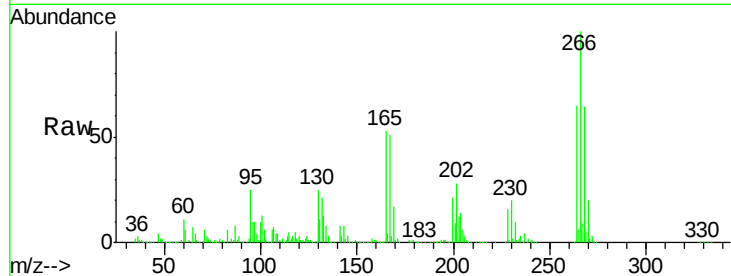


#69
 Pentachlorophenol
 Concen: 71.50 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

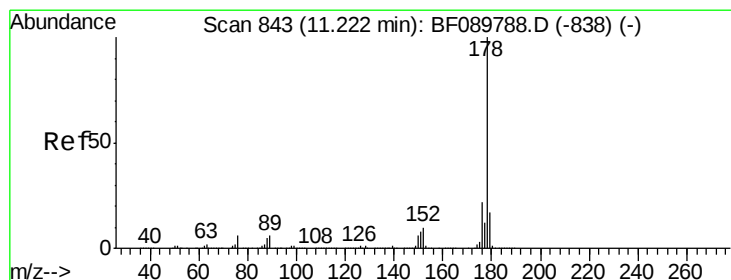
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	53.2	79.8
264	65.1	51.1	76.7

Manual Integrations
 APPROVED



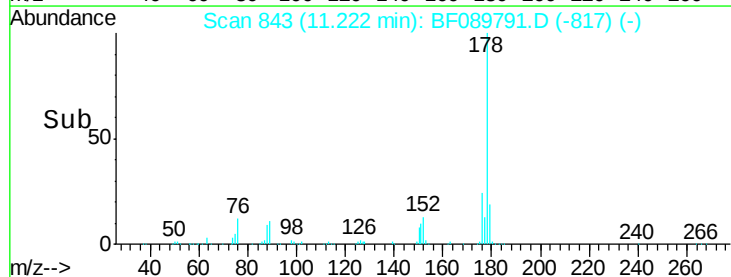
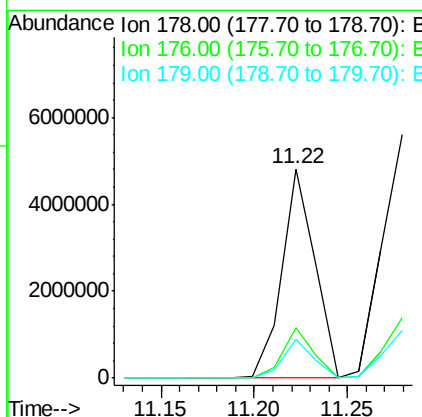
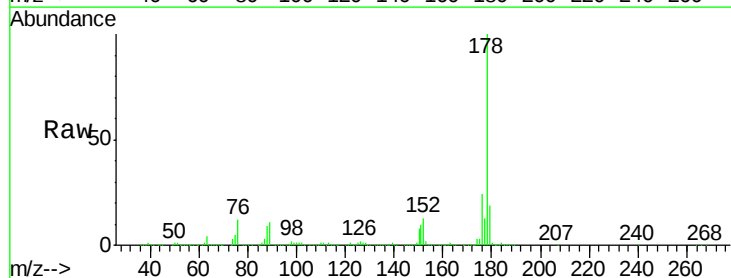
umangi

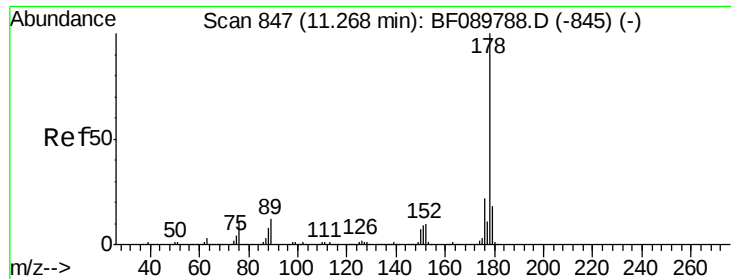
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#70
 Phenanthrene
 Concen: 63.63 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.8	16.4	24.6
179	18.8	12.5	18.7#



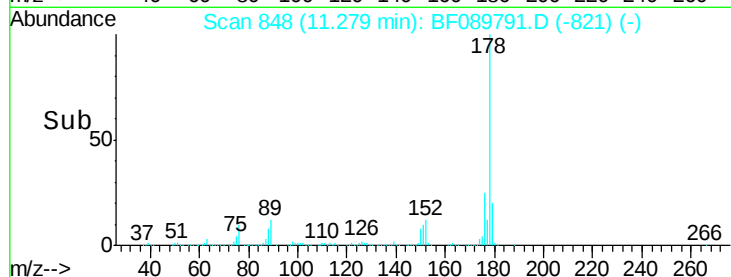
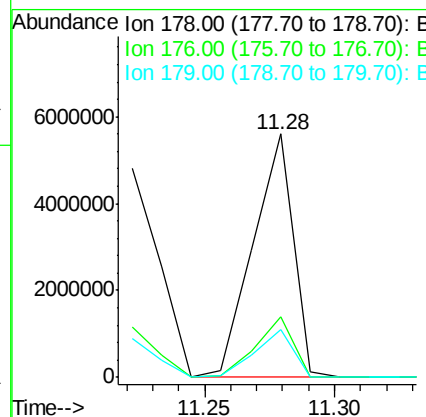
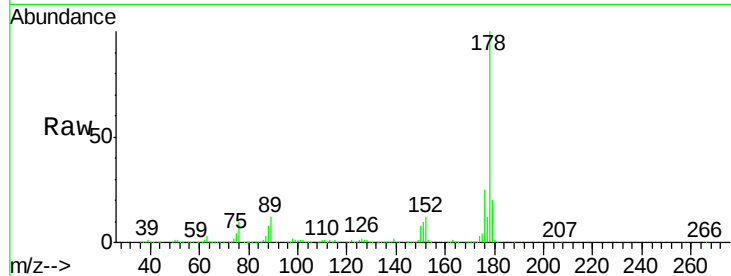


#71
 Anthracene
 Concen: 62.41 ng m
 RT: 11.28 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

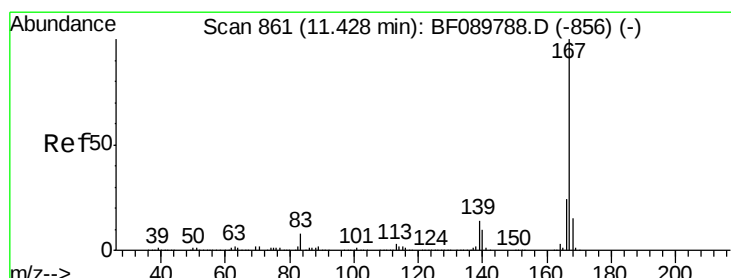
Tgt Ion:178 Resp: 6057956
 Ion Ratio Lower Upper
 178 100
 176 25.0 16.4 24.6#
 179 19.7 13.1 19.7#

Manual Integrations
 APPROVED



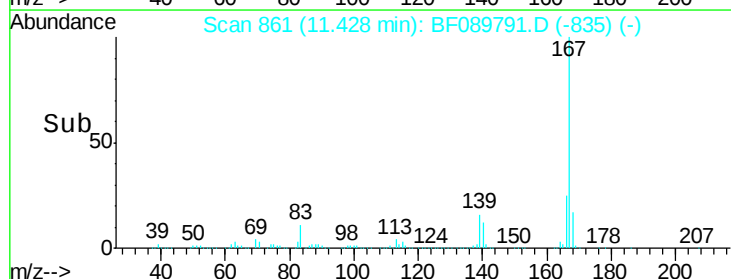
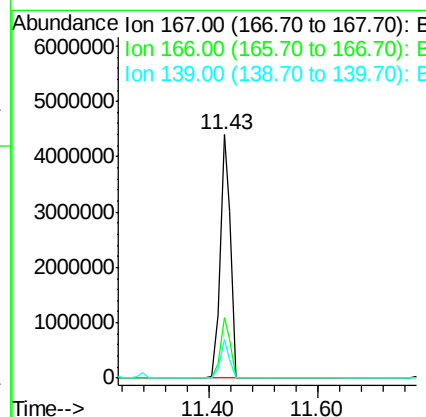
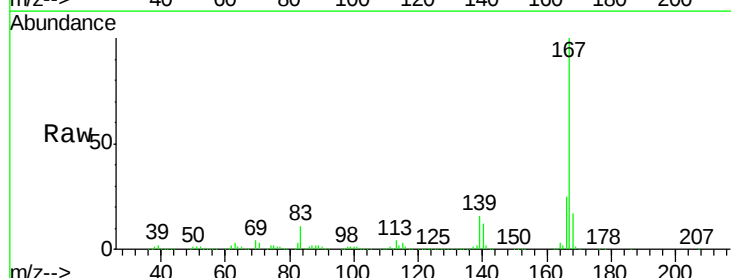
umangi

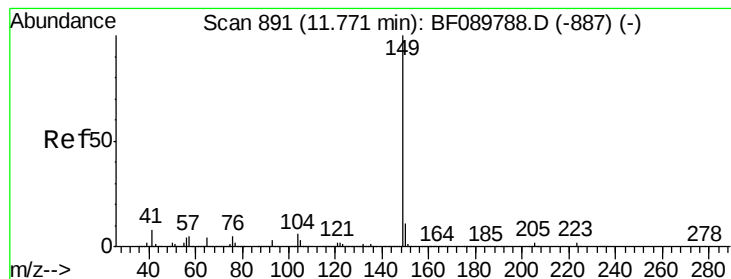
8/19/2016 4:51:34 PM



#72
 Carbazole
 Concen: 64.60 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:167 Resp: 5942134
 Ion Ratio Lower Upper
 167 100
 166 25.0 17.9 26.9
 139 16.1 12.4 18.6



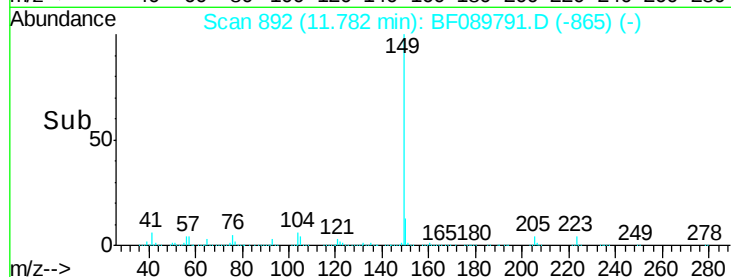
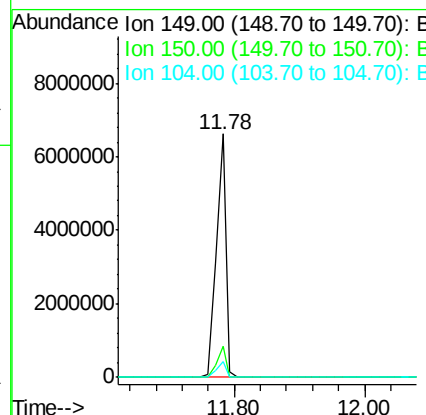
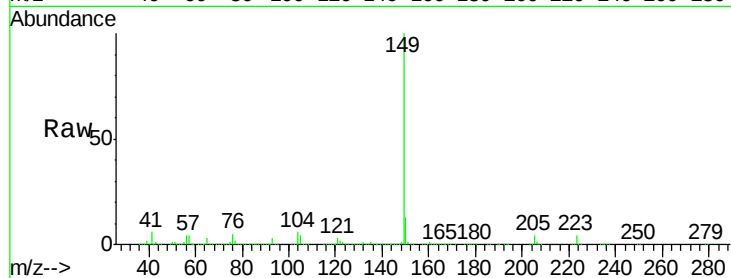


#73
Di-n-butylphthalate
Concen: 61.15 ng
RT: 11.78 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

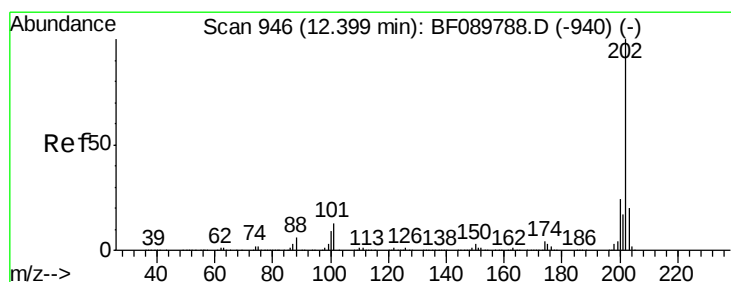
Tgt Ion:149 Resp: 6841071
Ion Ratio Lower Upper
149 100
150 13.0 7.9 11.9#
104 6.4 4.3 6.5

Manual Integrations
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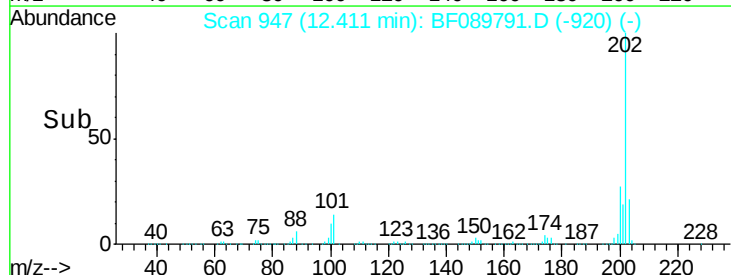
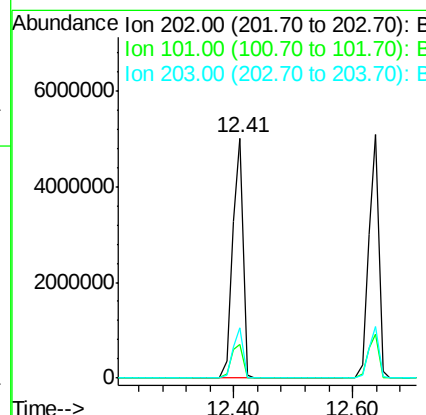
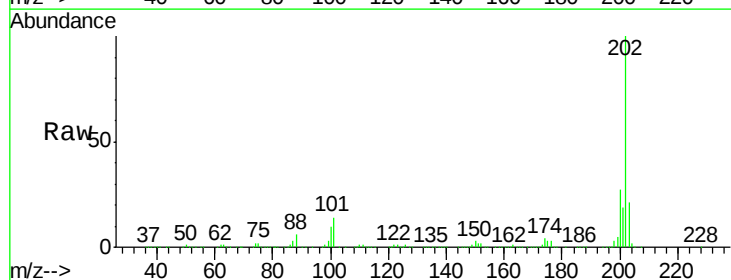
umangi

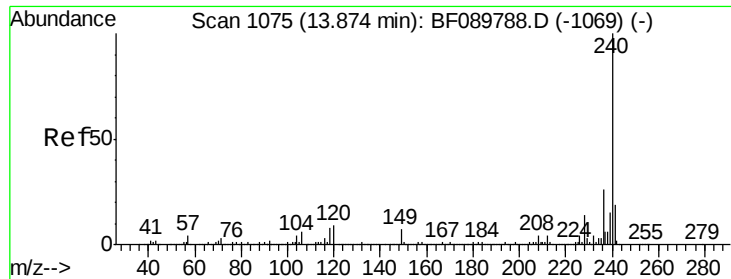
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#74
Fluoranthene
Concen: 64.47 ng
RT: 12.41 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:202 Resp: 6018301
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.2
203 21.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.03 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

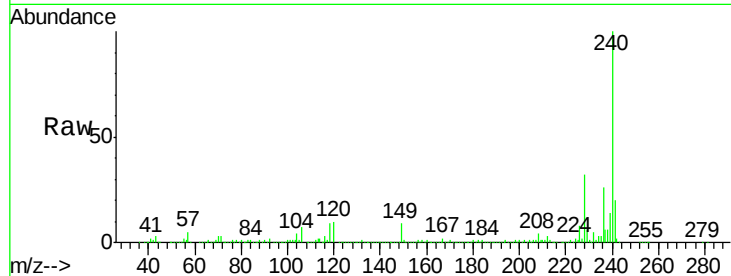
BNA_F

ClientSampleId :

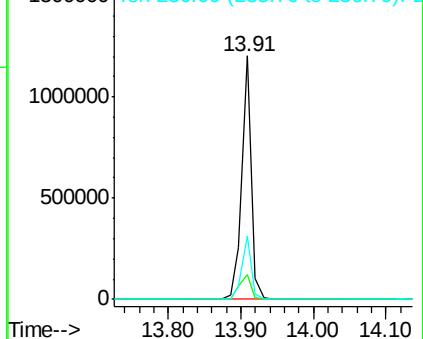
SSTDIC080

Tgt Ion:240 Resp: 1094923
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.3 12.5
 236 26.0 21.3 31.9

Manual Integrations
 APPROVED

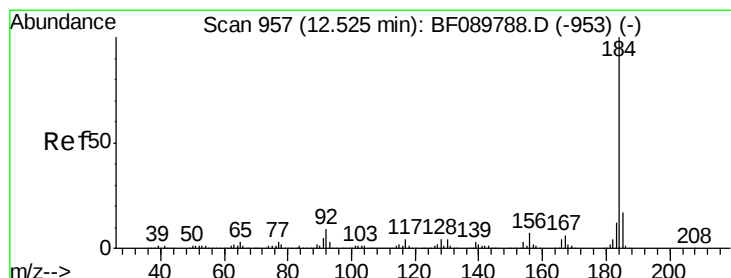
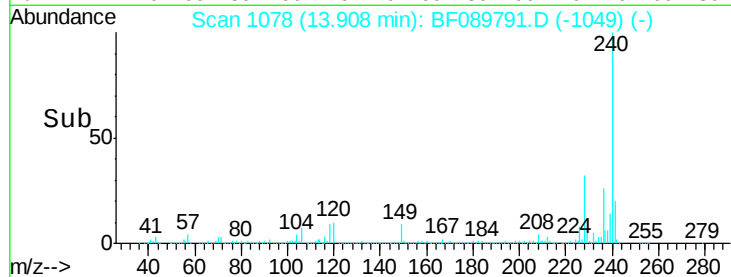


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 64.59 ng

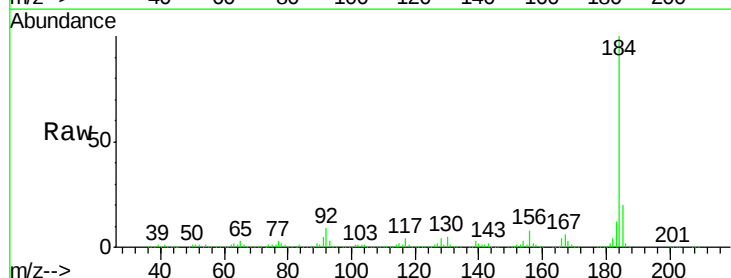
RT: 12.54 min Scan# 958

Delta R.T. 0.01 min

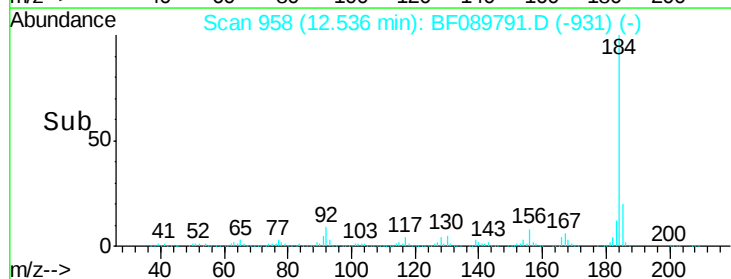
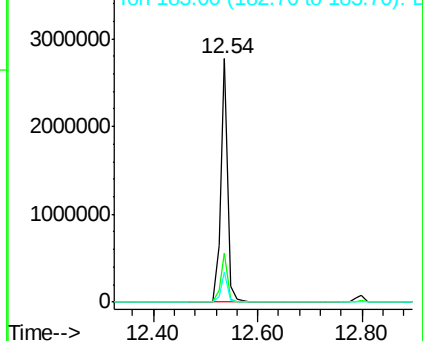
Lab File: BF089791.D

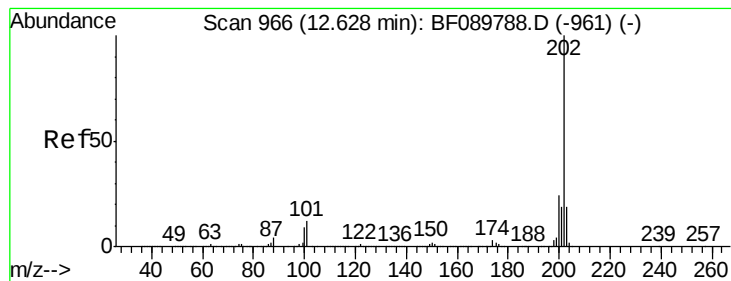
Acq: 19 Aug 2016 12:34

Tgt Ion:184 Resp: 2538276
 Ion Ratio Lower Upper
 184 100
 185 20.2 13.8 20.8
 183 12.3 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: 81.69 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 202 Resp: 5853023

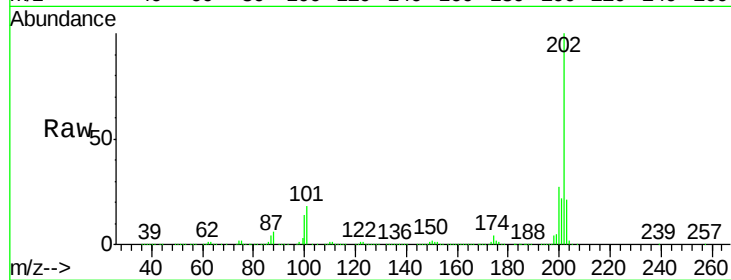
Ion Ratio Lower Upper

202 100

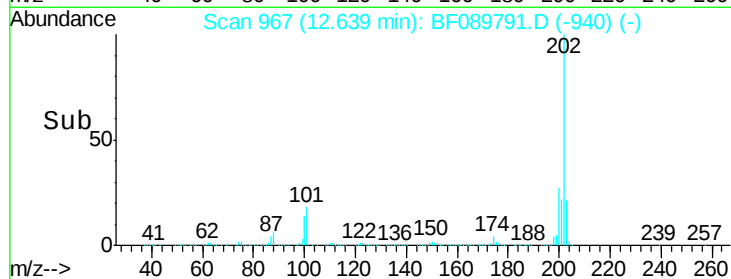
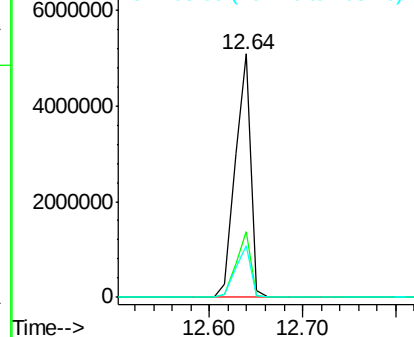
200 27.0 17.8 26.6#

203 21.0 14.2 21.4

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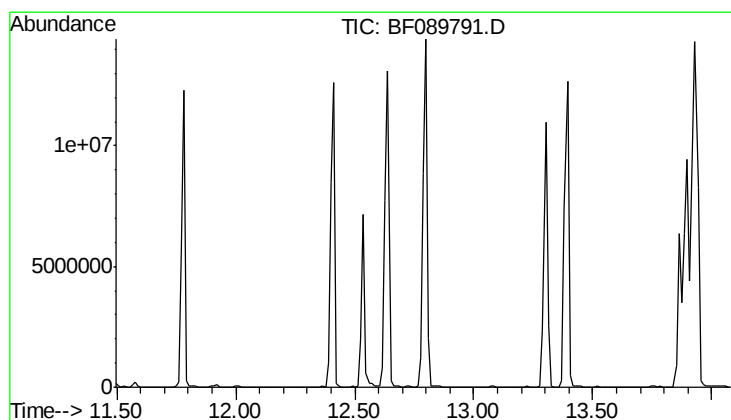


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



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#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 12.79 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

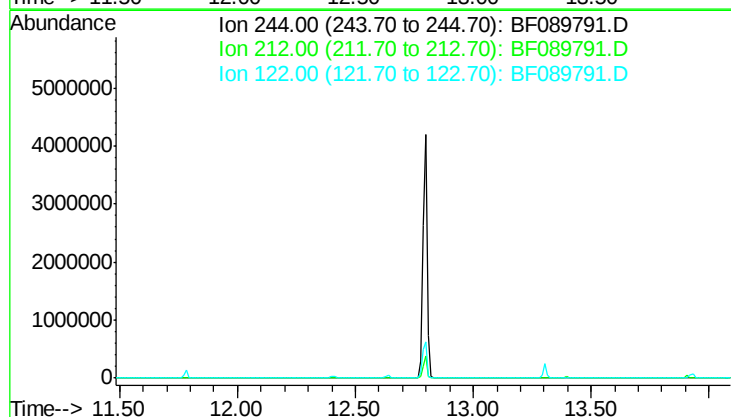
Tgt Ion: 244

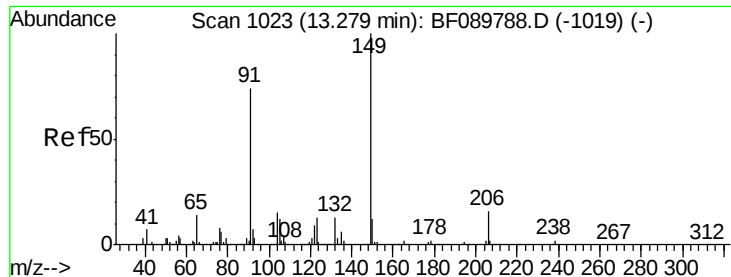
Sig Exp Ratio

244 100

212 7.9

122 15.0



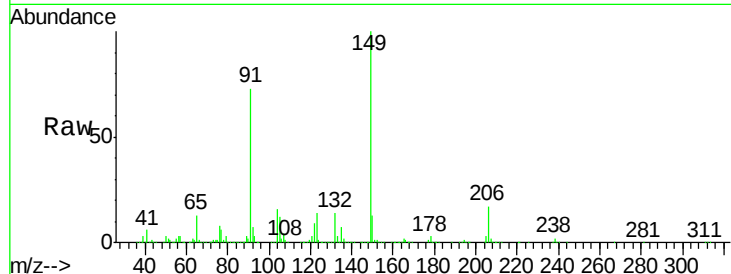


#79
Butylbenzylphthalate
Concen: 80.20 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

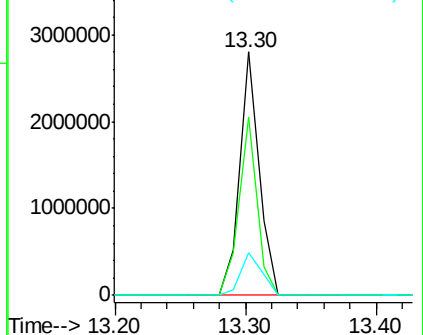
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	50.7	76.1
206	17.4	15.5	23.3

Manual Integrations
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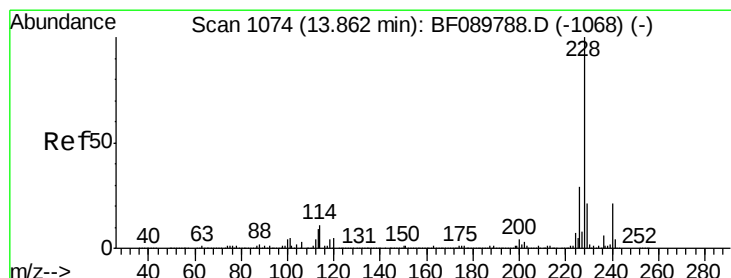
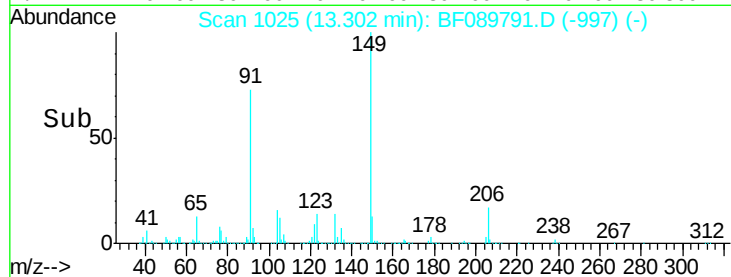


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



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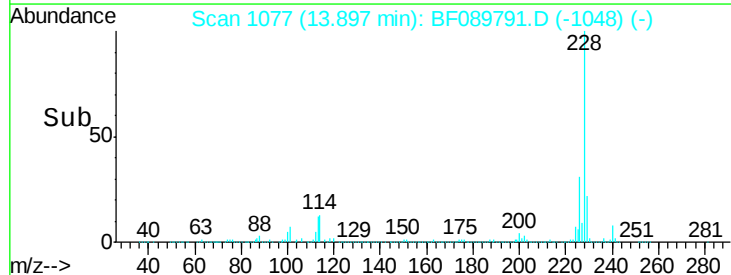
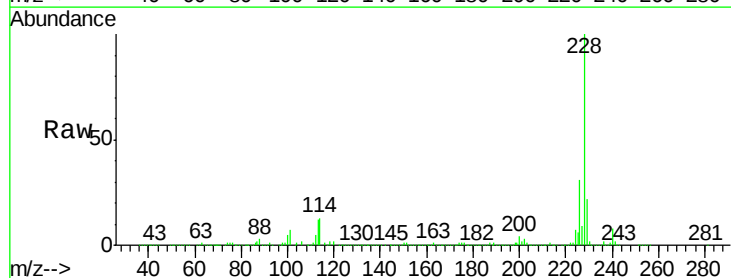
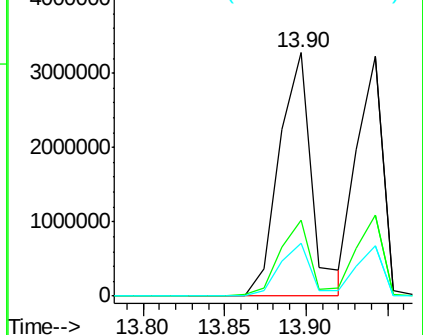
8/19/2016 4:51:34 PM

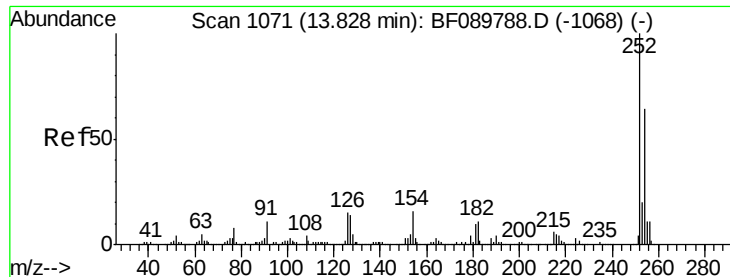


#80
Benzo(a)anthracene
Concen: 71.52 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.03 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.2	34.8
229	21.6	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



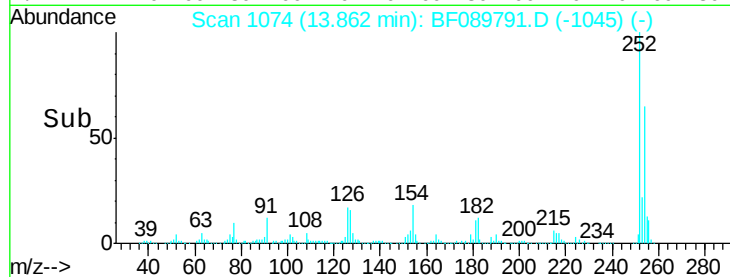
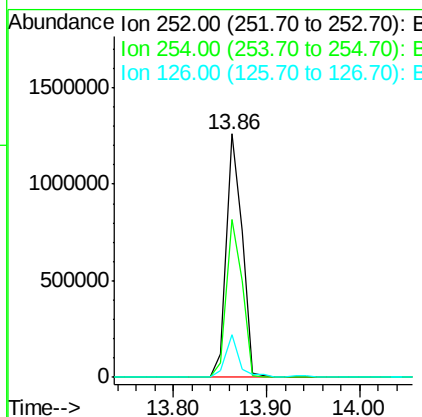
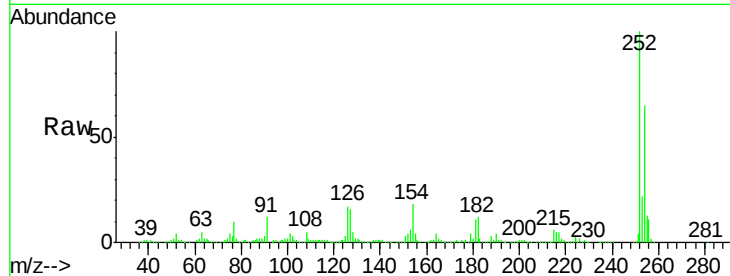


#81
 3,3'-Dichlorobenzidine
 Concen: 64.43 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. 0.03 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

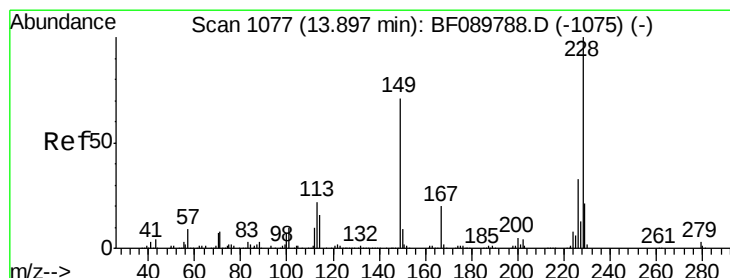
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.6	75.8
126	17.3	12.6	18.8

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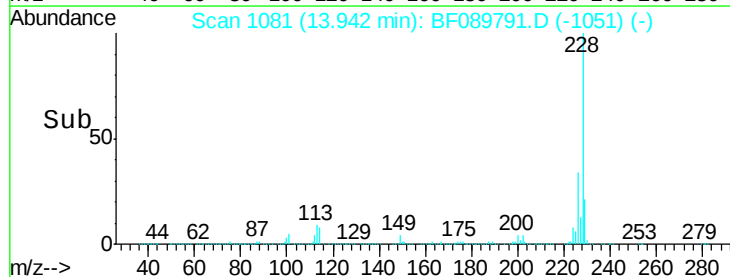
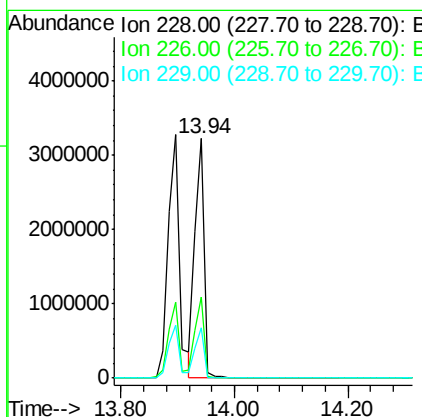
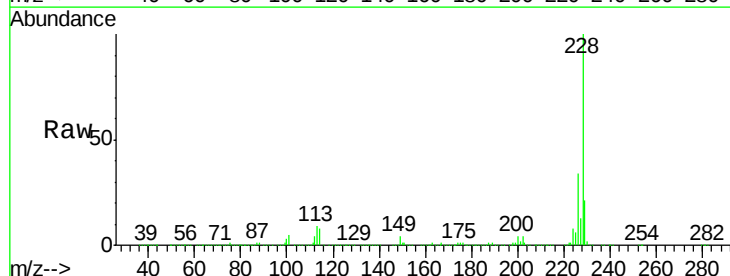
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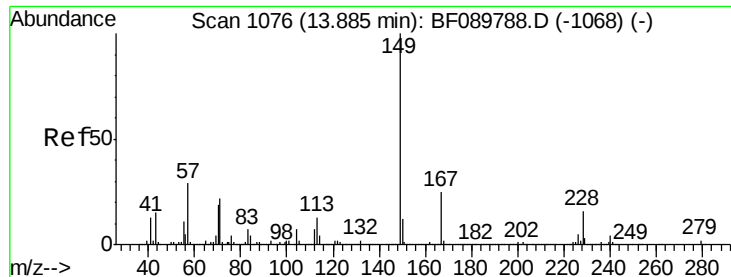
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#82
 Chrysene
 Concen: 64.37 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.05 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.4	38.0
229	21.0	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 82.38 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.05 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:149 Resp: 3918727

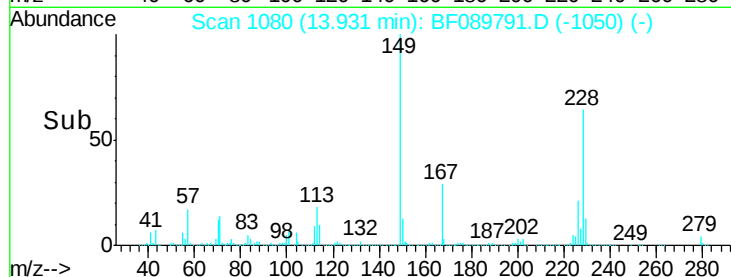
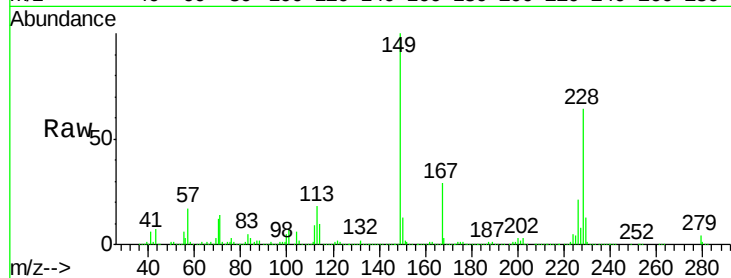
Ion Ratio Lower Upper

149 100

167 28.8 21.2 31.8

279 3.8 2.9 4.3

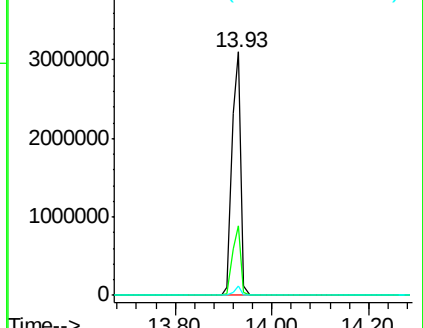
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

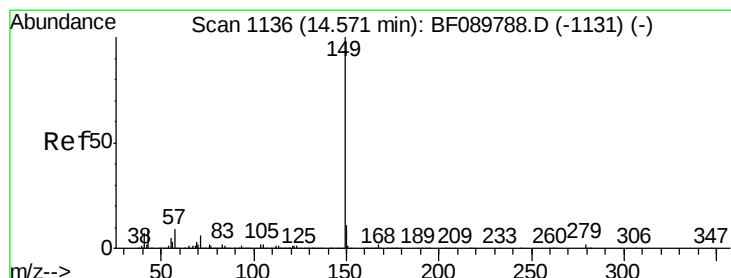
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



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#84

Di-n-octyl phthalate

Concen: 74.16 ng

RT: 14.63 min Scan# 1141

Delta R.T. 0.06 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

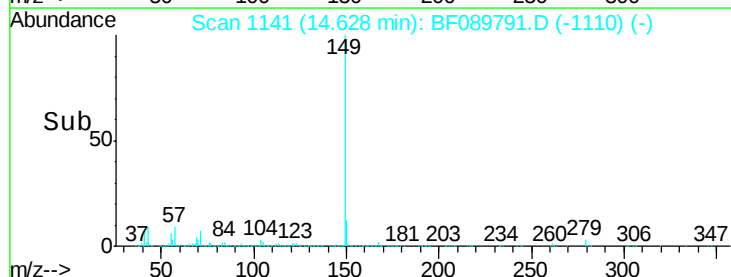
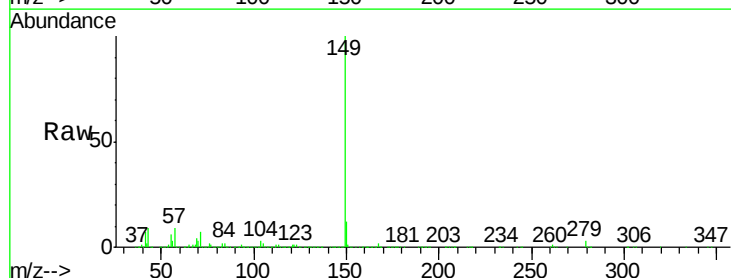
Tgt Ion:149 Resp: 5483029

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

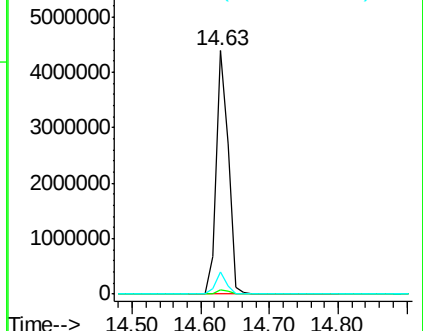
43 8.4 8.4 12.6#

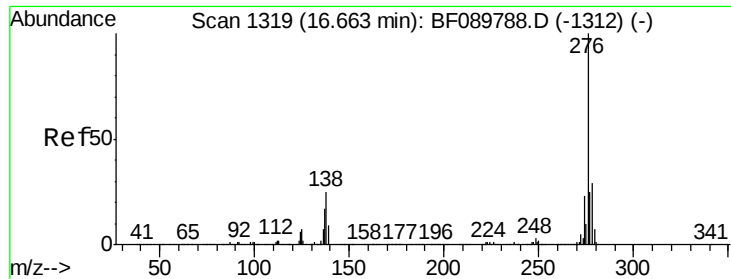


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



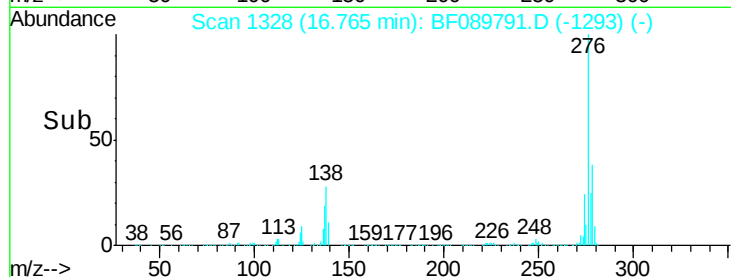
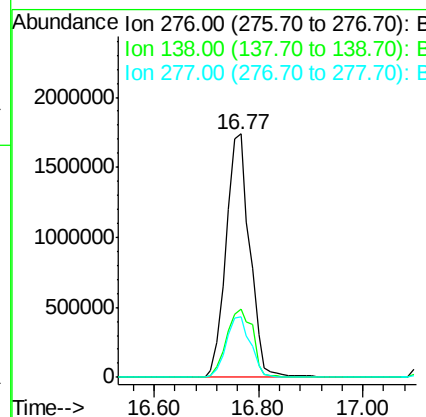
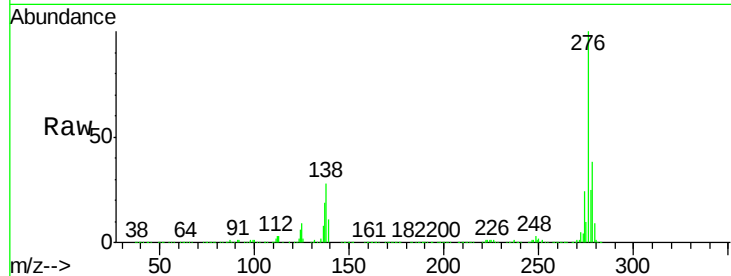


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 113.02 ng
 RT: 16.77 min Scan# 1328
 Delta R.T. 0.10 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

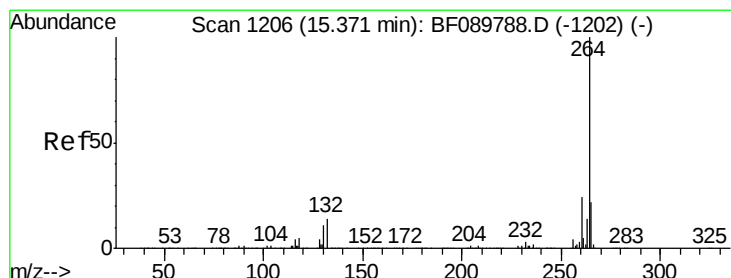
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.6	36.8
277	25.6	20.4	30.6

Manual Integrations
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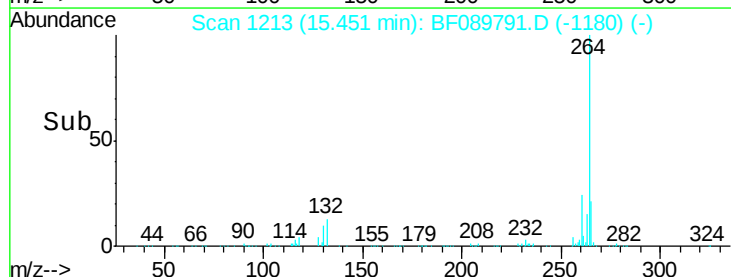
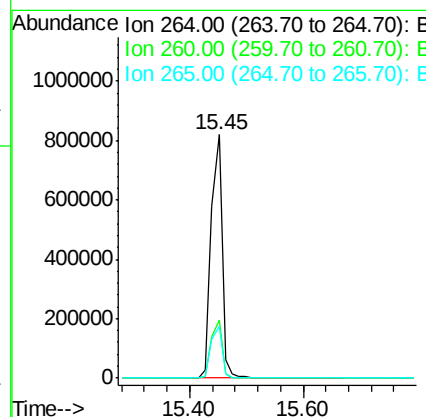
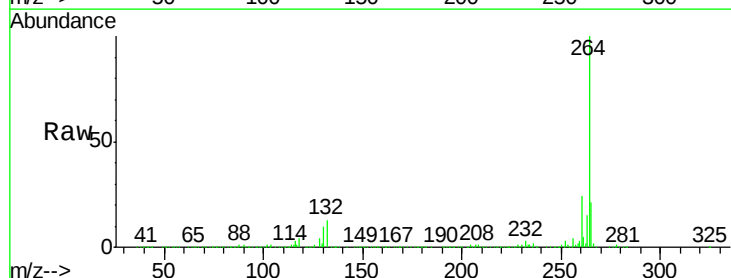
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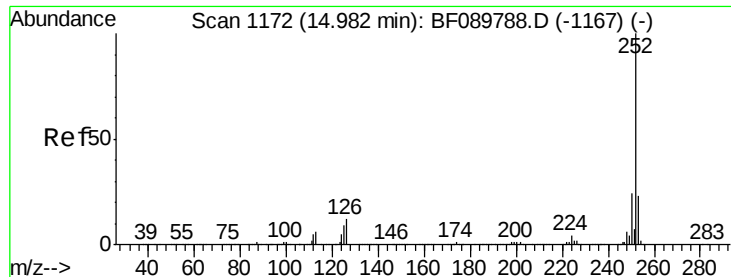
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1213
 Delta R.T. 0.08 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.2
265	21.4	17.4	26.2



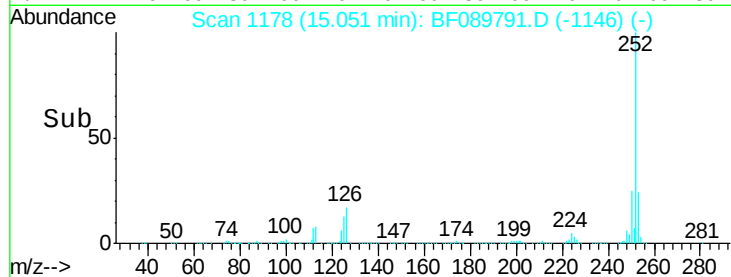
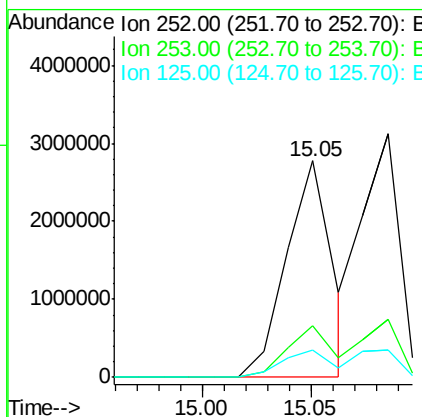
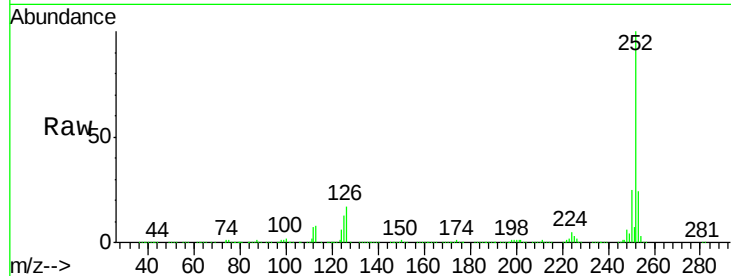


#87
Benzo(b)fluoranthene
Concen: 60.20 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.07 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

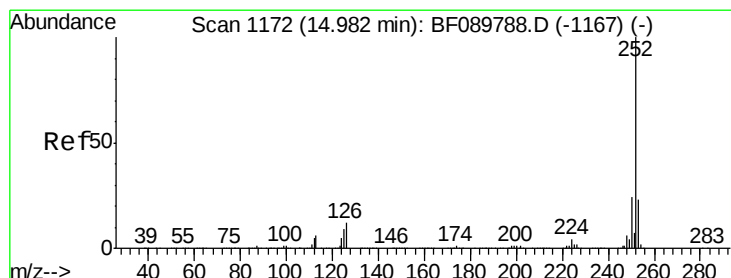
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.9	11.4	17.2

Manual Integrations
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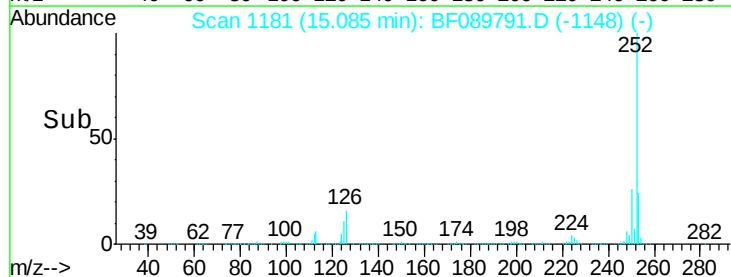
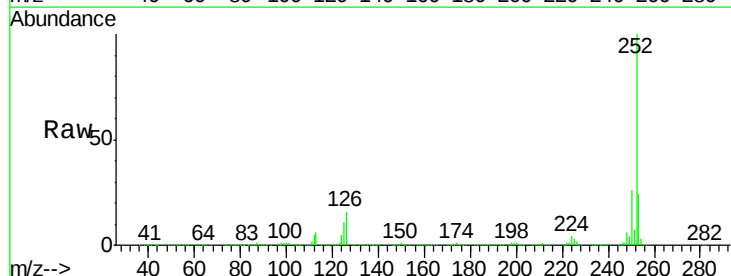
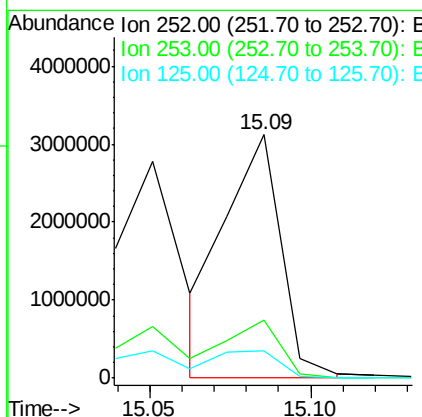
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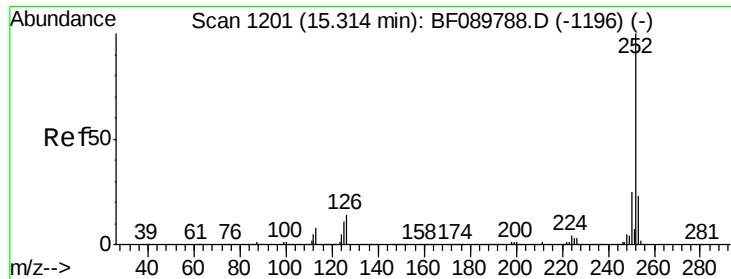
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#88
Benzo(k)fluoranthene
Concen: 68.77 ng m
RT: 15.09 min Scan# 1181
Delta R.T. 0.08 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	11.1	9.8	14.6



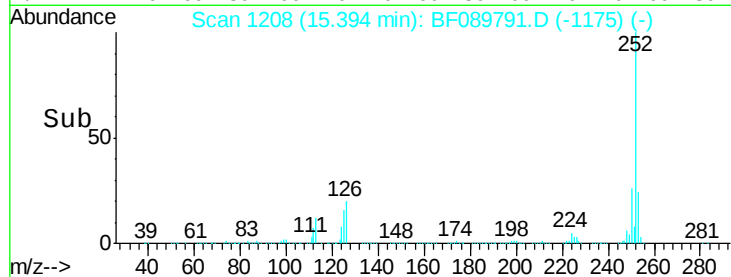
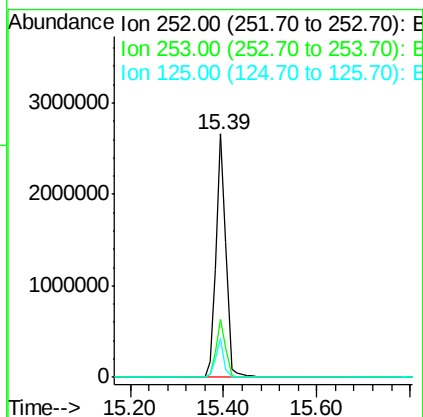
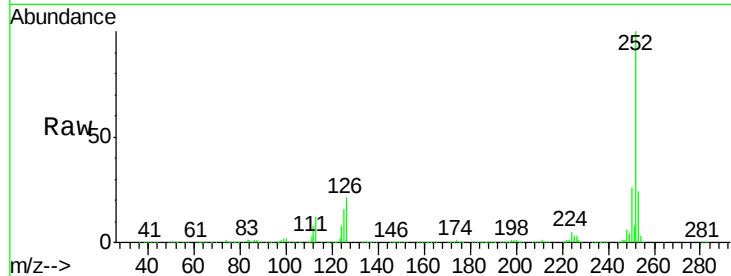


#89
Benzo(a)pyrene
Concen: 71.07 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.08 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampled :
SSTDIC080

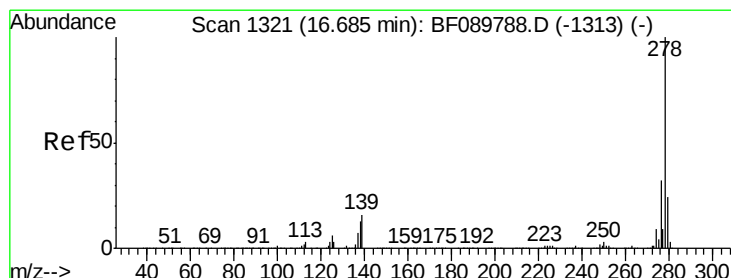
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	15.9	11.7	17.5

Manual Integrations
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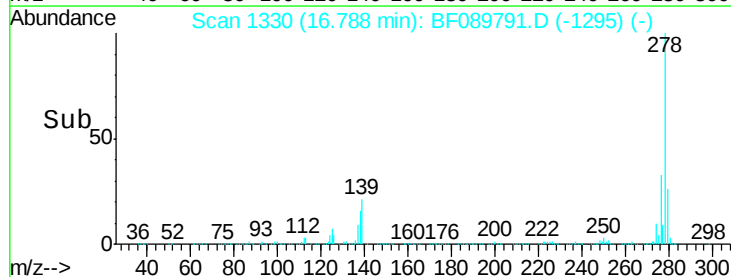
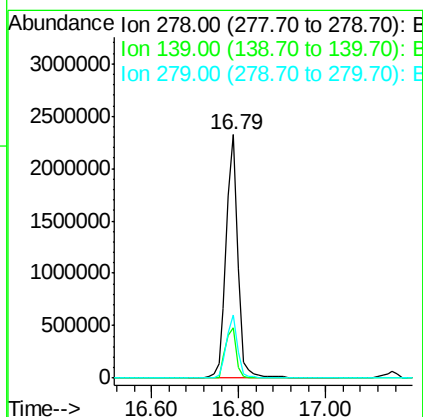
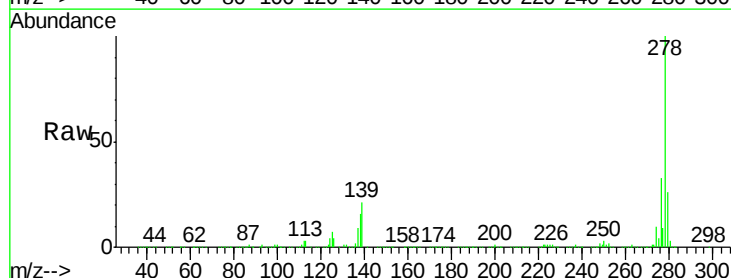
umangi

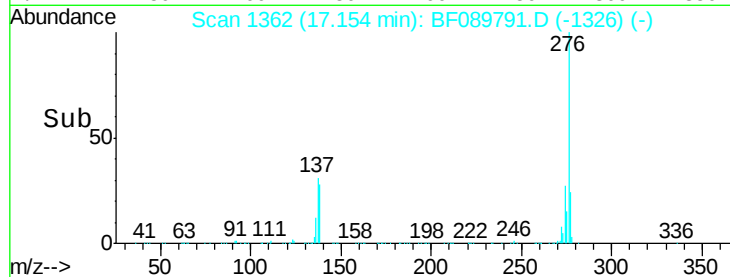
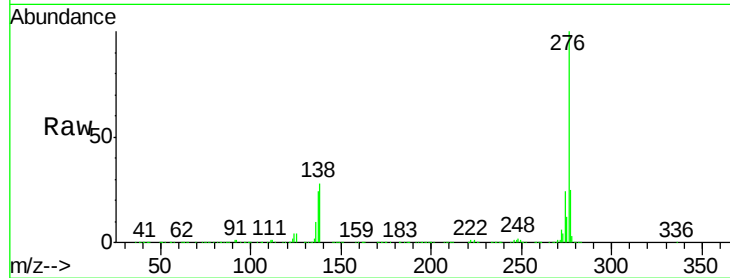
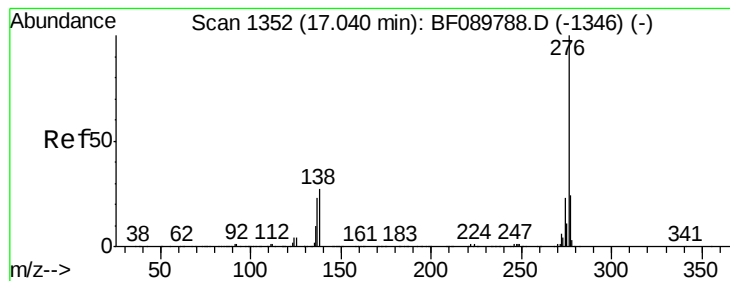
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#90
Dibenzo(a,h)anthracene
Concen: 101.52 ng
RT: 16.79 min Scan# 1330
Delta R.T. 0.10 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.9	22.3
279	26.1	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 108.62 ng

RT: 17.15 min Scan# 1362

Delta R.T. 0.11 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion: 276 Resp: 4791177

Ion Ratio Lower Upper

276 100

277 24.9 19.2 28.8

138 27.8 22.1 33.1

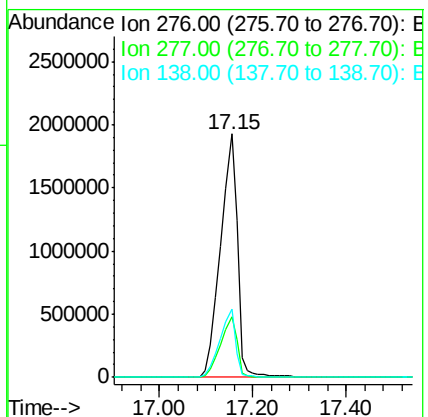
Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Manual Integrations
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