

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089792.D
 Acq On : 19 Aug 2016 13:42
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Manual Integrations
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 8/19/2016 4:51:37 PM

Quant Time: Aug 19 14:11:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	616443	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2493427	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1157647	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	2076294	20.00	ng	0.01
75) Chrysene-d12	13.95	240	1274507	20.00	ng	0.08
86) Perylene-d12	15.58	264	1099350	20.00	ng	0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	2589818	72.05	ng	0.00
7) Phenol-d6	6.32	99	3559676	80.67	ng	0.00
23) Nitrobenzene-d5	7.26	82	2788082	69.47	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	885127	80.45	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	4631366	70.31	ng	0.00
78) Terphenyl-d14	12.81	244	3853255	68.40	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	673462	37.86	ng	96
3) Pyridine	2.81	79	1876083	40.21	ng	93
4) n-Nitrosodimethylamine	2.76	42	695368	40.03	ng	83
6) Aniline	6.34	93	2284506	38.60	ng	# 47
8) 2-Chlorophenol	6.47	128	1676129	38.99	ng	88
9) Benzaldehyde	6.23	77	1156303	40.23	ng	85
10) Phenol	6.34	94	2180732	42.17	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	1680101	41.90	ng	91
12) 1,3-Dichlorobenzene	6.63	146	1877426m	41.78	ng	
13) 1,4-Dichlorobenzene	6.71	146	1867327	40.42	ng	95
14) 1,2-Dichlorobenzene	6.86	146	1573183m	36.48	ng	
15) Benzyl Alcohol	6.83	79	1091190	37.29	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2072307	40.38	ng	92
17) 2-Methylphenol	6.95	107	1281851	38.07	ng	97
18) Hexachloroethane	7.20	117	632845	38.41	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	1152062	40.82	ng	# 89
20) 3+4-Methylphenols	7.11	107	1387411	33.61	ng	90
22) Acetophenone	7.11	105	2194588	38.33	ng	# 88
24) Nitrobenzene	7.28	77	1881232	41.78	ng	# 87
25) Isophorone	7.52	82	3034000	37.48	ng	# 94
26) 2-Nitrophenol	7.59	139	798815	35.56	ng	# 78
27) 2,4-Dimethylphenol	7.63	122	1415652	34.96	ng	94
28) bis(2-Chloroethoxy)methane	7.74	93	1810210	36.14	ng	96
29) 2,4-Dichlorophenol	7.83	162	1221604	35.96	ng	91
30) 1,2,4-Trichlorobenzene	7.92	180	1449033	38.56	ng	98
31) Naphthalene	8.00	128	4450308	38.19	ng	97
32) Benzoic acid	7.77	122	1261530	39.98	ng	97
33) 4-Chloroaniline	8.04	127	1761975	34.88	ng	# 90
34) Hexachlorobutadiene	8.12	225	770808	39.17	ng	98
35) Caprolactam	8.43	113	421460	40.73	ng	97
36) 4-Chloro-3-methylphenol	8.54	107	1453925	39.51	ng	93
37) 2-Methylnaphthalene	8.68	142	2735156	36.28	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1537750	41.02	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	540088	41.50	ng	99

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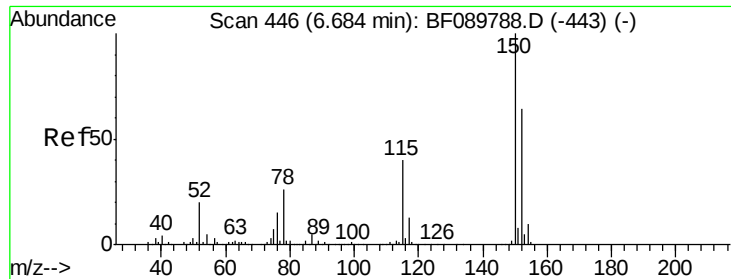
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	899929	38.16	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	950680	40.53	ng #	92
45) 1,1'-Biphenyl	9.15	154	3574861	39.90	ng	94
46) 2-Chloronaphthalene	9.18	162	2863602	40.44	ng #	90
47) 2-Nitroaniline	9.27	65	915907	45.35	ng #	86
48) Acenaphthylene	9.59	152	4468106	41.99	ng	98
49) Dimethylphthalate	9.46	163	3267556	40.09	ng	98
50) 2,6-Dinitrotoluene	9.52	165	778054	41.34	ng #	70
51) Acenaphthene	9.76	154	2957460	41.99	ng	99
52) 3-Nitroaniline	9.68	138	904607	43.39	ng	93
53) 2,4-Dinitrophenol	9.78	184	363047	41.88	ng #	68
54) Dibenzofuran	9.93	168	3614194	40.86	ng	94
55) 4-Nitrophenol	9.84	139	784831	46.12	ng	92
56) 2,4-Dinitrotoluene	9.91	165	838824	34.35	ng #	63
57) Fluorene	10.27	166	2900600	41.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	703481	41.21	ng	99
59) Diethylphthalate	10.16	149	3176916	38.37	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	1215698	37.81	ng	91
61) 4-Nitroaniline	10.28	138	833640	42.65	ng	96
62) Azobenzene	10.42	77	2920695	37.52	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	525614	44.05	ng #	75
65) n-Nitrosodiphenylamine	10.39	169	2548537	39.04	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	805571	37.01	ng #	79
67) Hexachlorobenzene	10.81	284	867276	34.92	ng #	76
68) Atrazine	10.92	200	769362	38.48	ng	92
69) Pentachlorophenol	11.00	266	611626	43.45	ng	97
70) Phenanthrene	11.22	178	3717531	35.45	ng	94
71) Anthracene	11.28	178	4171868	39.14	ng	100
72) Carbazole	11.43	167	3303992	34.56	ng	97
73) Di-n-butylphthalate	11.78	149	4662059	38.97	ng	97
74) Fluoranthene	12.41	202	3547478	35.56	ng	93
76) Benzidine	12.55	184	1812731	43.95	ng	99
77) Pyrene	12.65	202	4080449	39.32	ng	97
79) Butylbenzylphthalate	13.34	149	1951904	41.64	ng	97
80) Benzo(a)anthracene	13.94	228	2789148	38.21	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	969029	40.50	ng #	93
82) Chrysene	13.99	228	2453332	39.21	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	2526040	39.12	ng	98
84) Di-n-octyl phthalate	14.72	149	3617490	42.16	ng #	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	2912461	36.48	ng	99
87) Benzo(b)fluoranthene	15.15	252	2306605	38.14	ng #	96
88) Benzo(k)fluoranthene	15.19	252	2328619m	42.44	ng	
89) Benzo(a)pyrene	15.52	252	2302362	40.22	ng #	95
90) Dibenzo(a,h)anthracene	16.93	278	2459974	39.59	ng	96
91) Benzo(g,h,i)perylene	17.28	276	2510792	38.37	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

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BNA_F

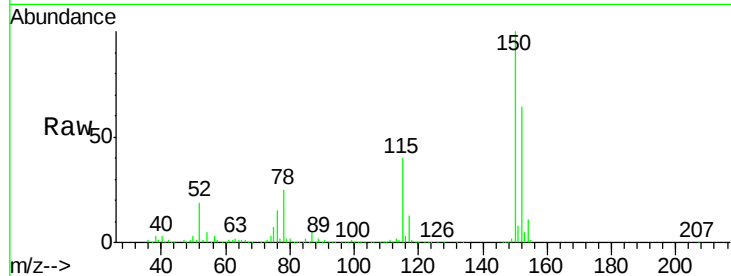
ClientSampleId :

ICVBF081916

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	61.9	40.9	61.3

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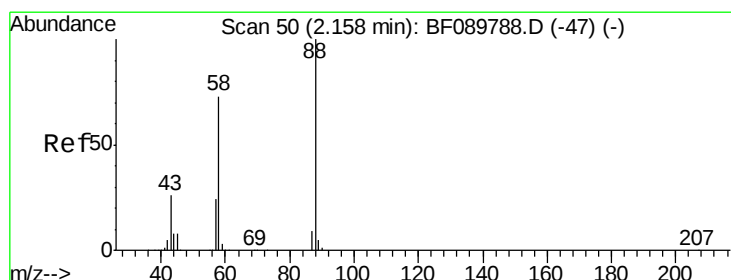
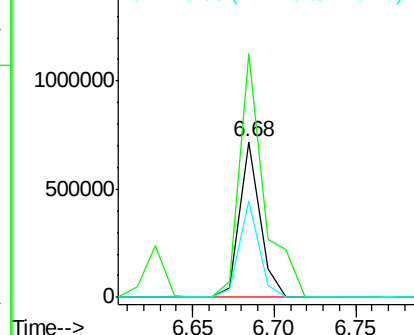
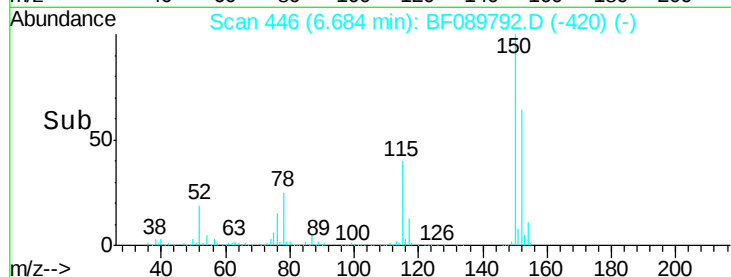


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.86 ng

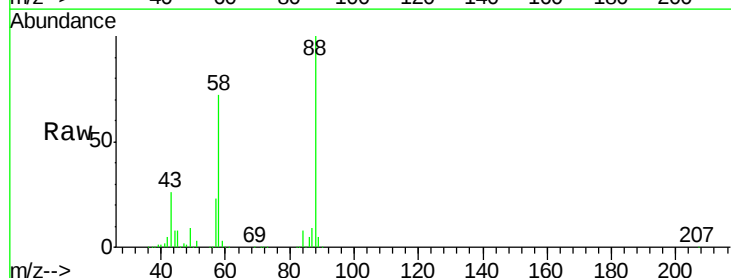
RT: 2.16 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	57.0	85.4
43	24.5	21.8	32.8

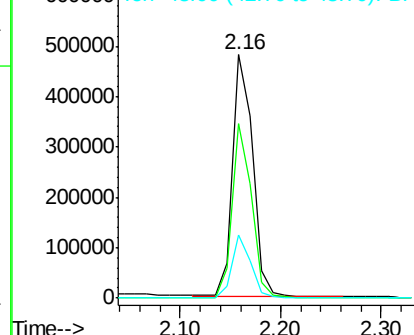
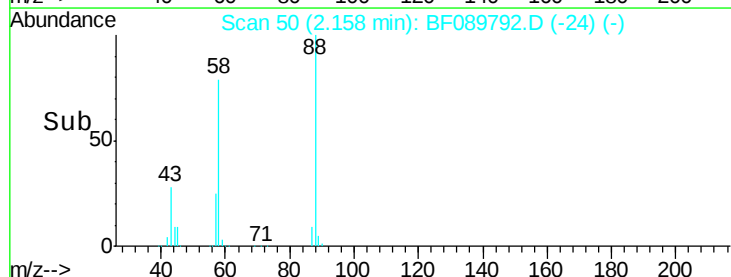


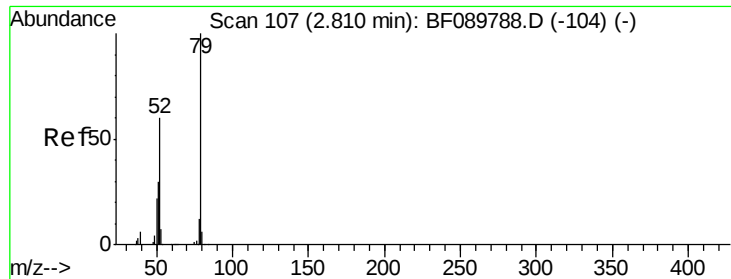
Abundance

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: 40.21 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

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ICVBF081916

Tgt Ion: 79 Resp: 1876083

Ion Ratio Lower Upper

79 100

52 61.1 53.6 80.4

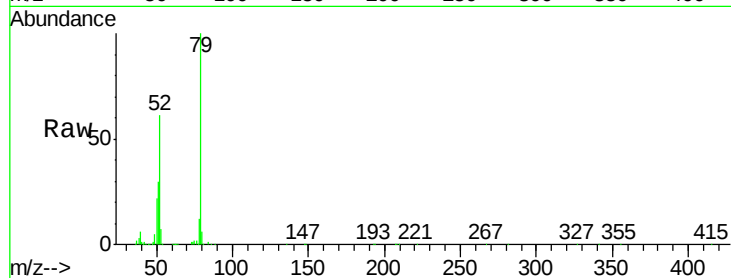
51 30.2 26.6 39.8

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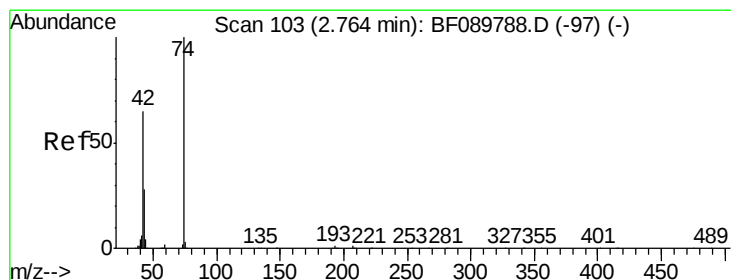
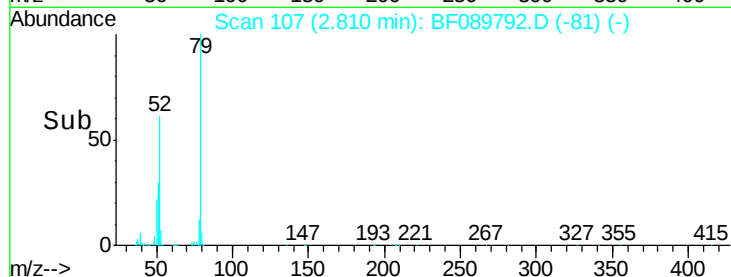
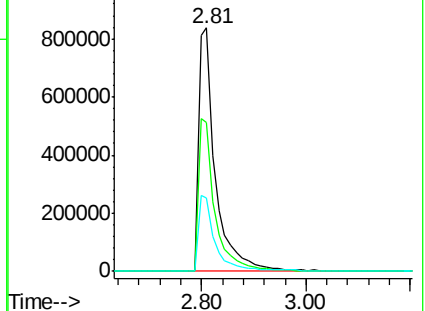
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.03 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

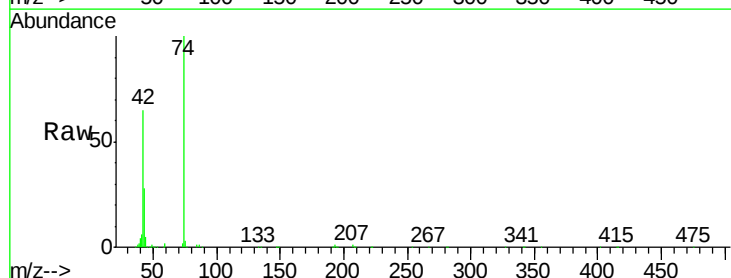
Tgt Ion: 42 Resp: 695368

Ion Ratio Lower Upper

42 100

74 154.2 106.2 159.2

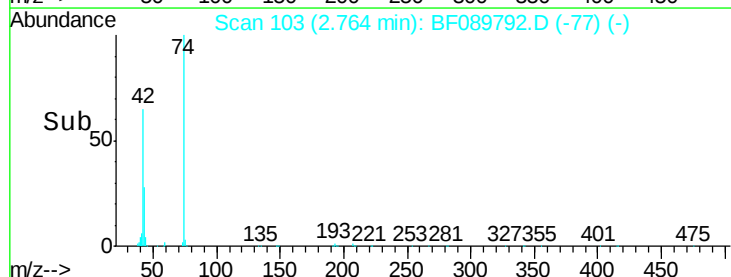
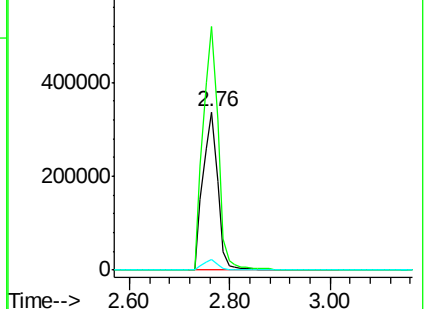
44 7.1 6.9 10.3

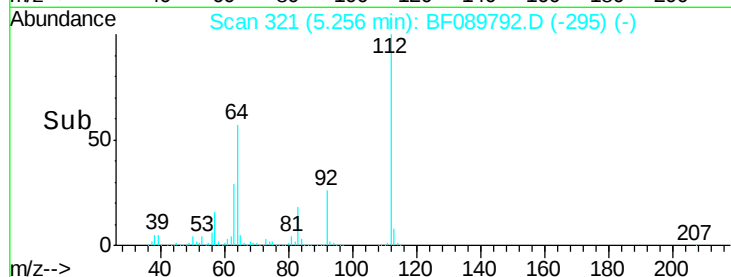
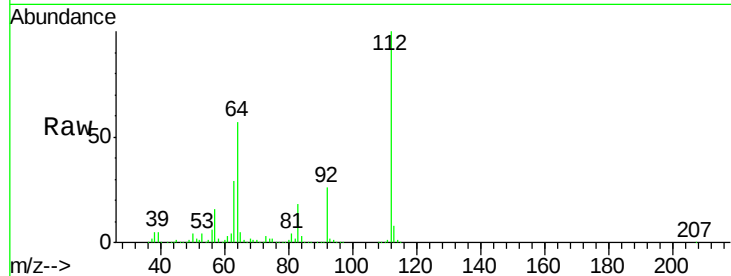
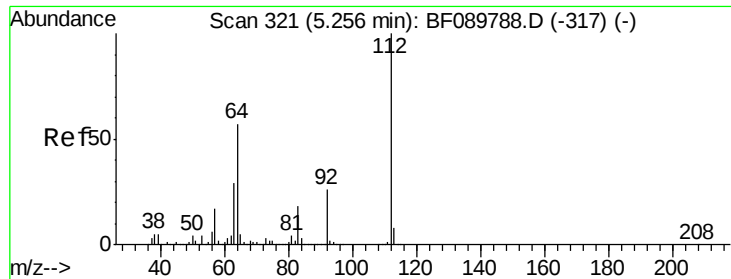


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 72.05 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:	112	Resp:	2589818
Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.0	67.4
63	29.1	23.1	34.7

Instrument :

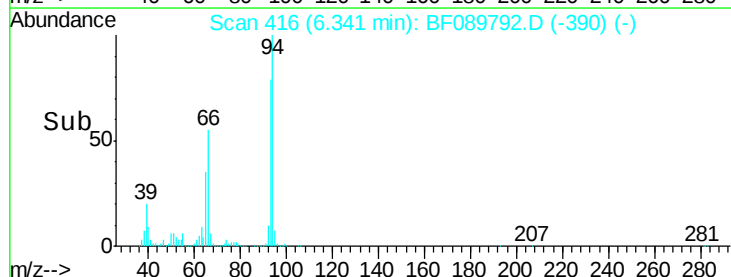
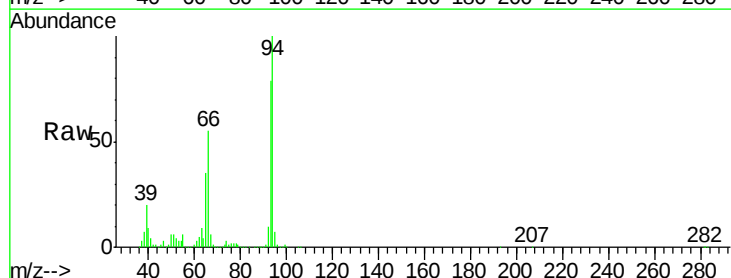
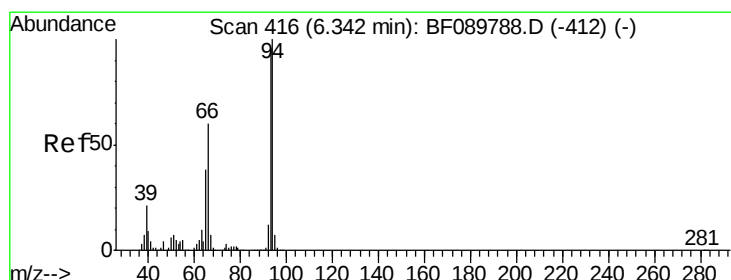
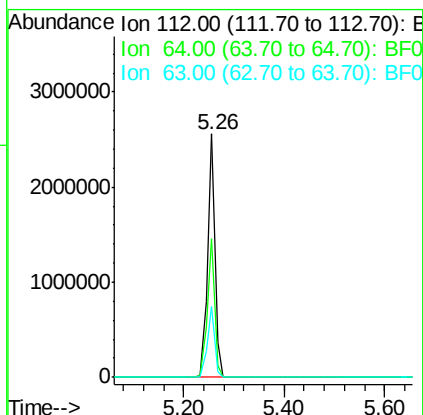
BNA_F

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#6

Aniline

Concen: 38.60 ng

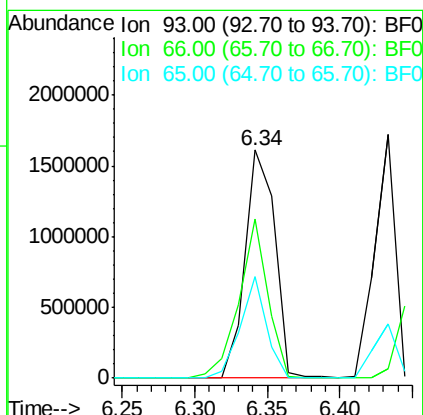
RT: 6.34 min Scan# 416

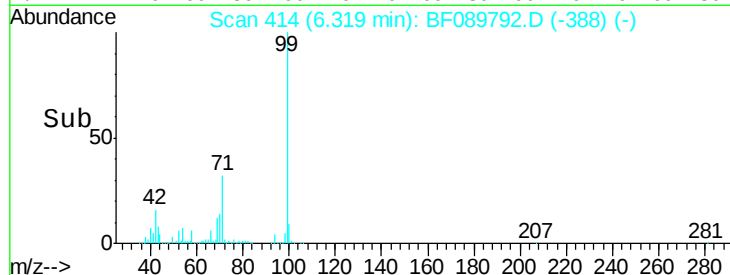
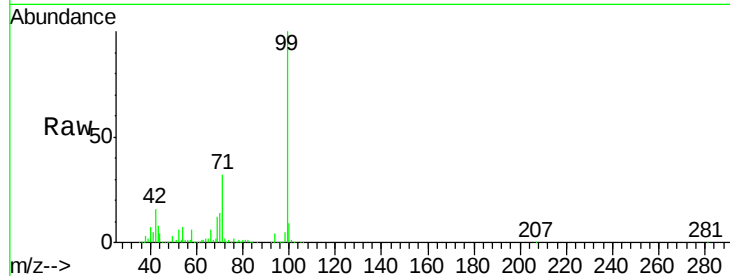
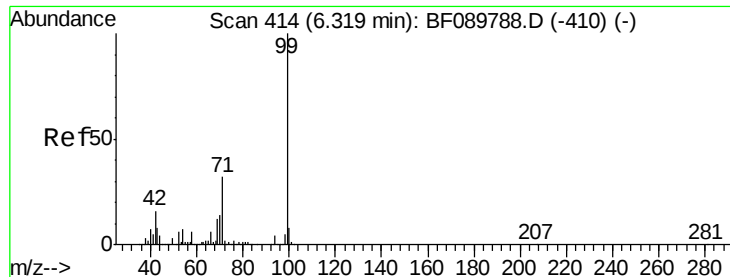
Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:	93	Resp:	2284506
Ion	Ratio	Lower	Upper
93	100		
66	69.8	30.6	46.0#
65	44.7	15.4	23.2#





#7

Phenol-d6

Concen: 80.67 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:	99	Resp:	3559676
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.4
71	31.6	23.8	35.8

Instrument :

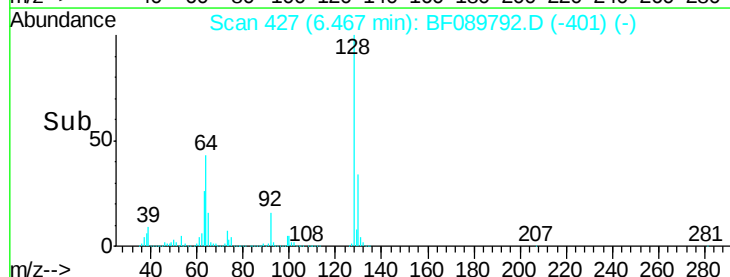
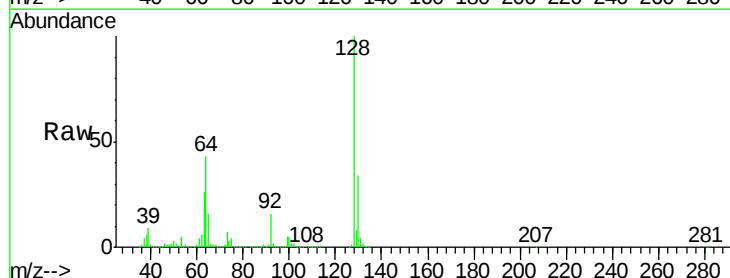
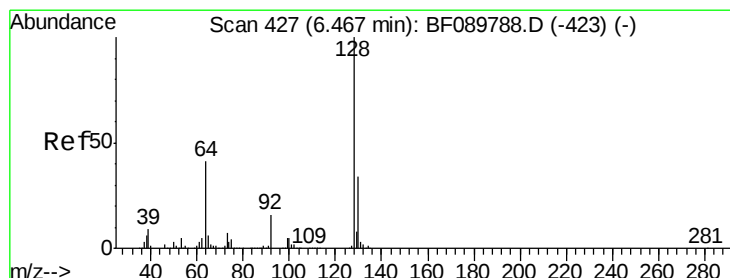
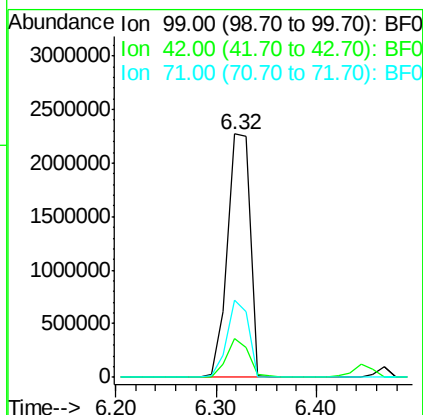
BNA_F

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#8

2-Chlorophenol

Concen: 38.99 ng

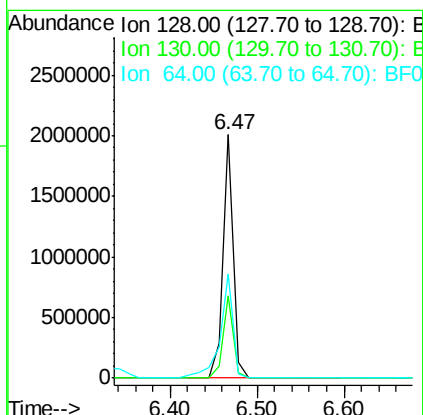
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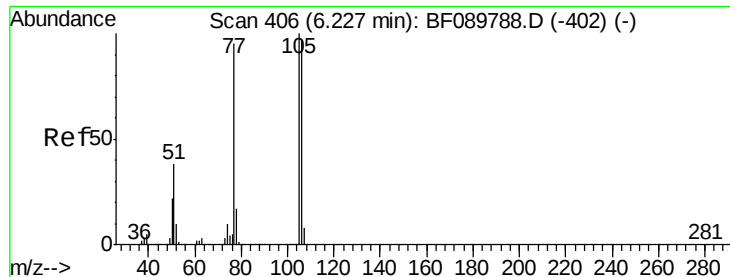
Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:	128	Resp:	1676129
Ion	Ratio	Lower	Upper
128	100		
130	34.1	12.0	52.0
64	42.9	35.1	75.1





#9

Benzaldehyde

Concen: 40.23 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion: 77 Resp: 1156303

Ion Ratio Lower Upper

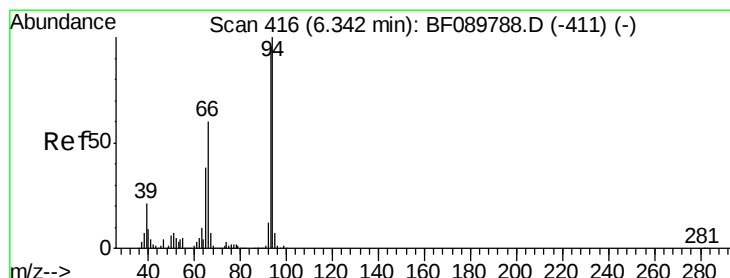
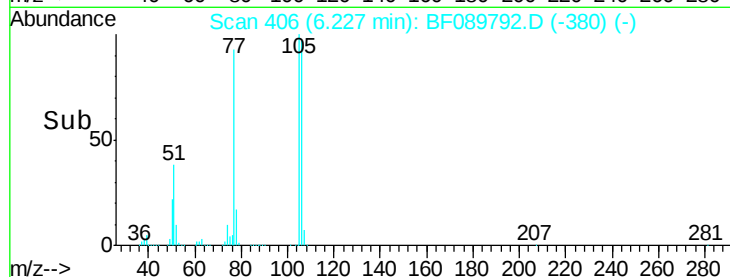
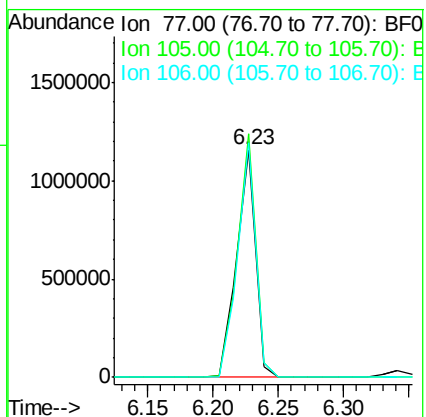
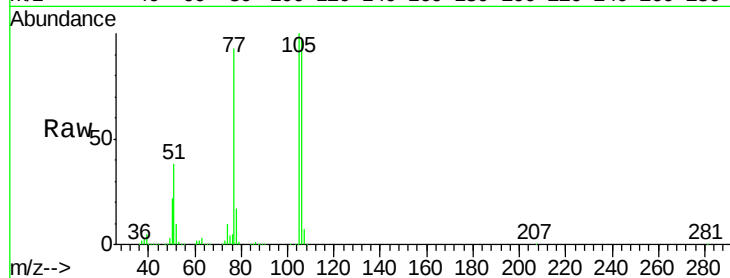
77 100

105 107.1 73.3 113.3

106 103.4 68.6 108.6

Manual Integrations
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#10

Phenol

Concen: 42.17 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

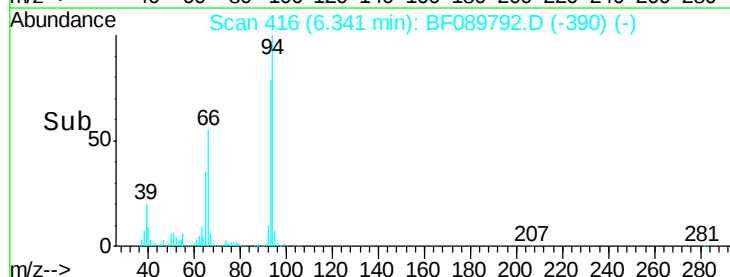
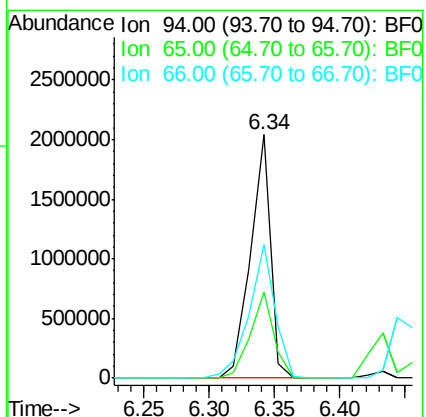
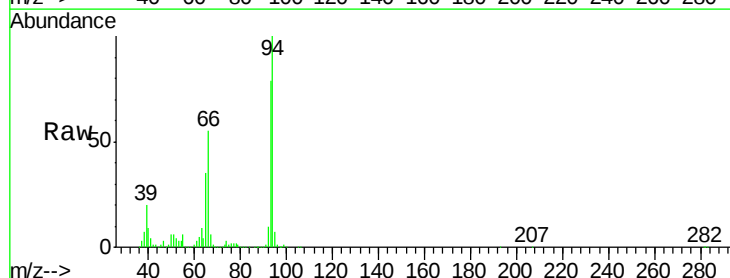
Tgt Ion: 94 Resp: 2180732

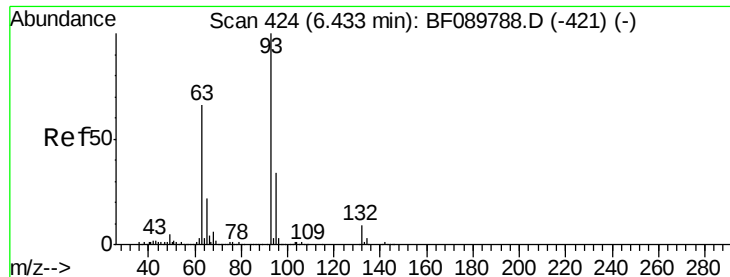
Ion Ratio Lower Upper

94 100

65 35.2 14.0 54.0

66 55.0 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 41.90 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion: 93 Resp: 1680101

Ion Ratio Lower Upper

93 100

63 66.1 55.8 95.8

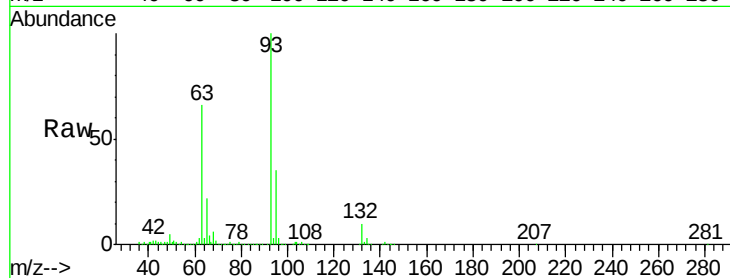
95 34.6 13.0 53.0

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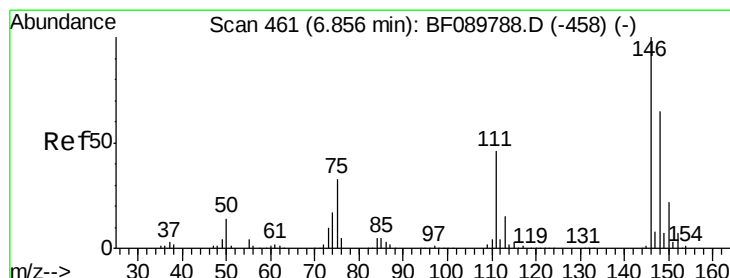
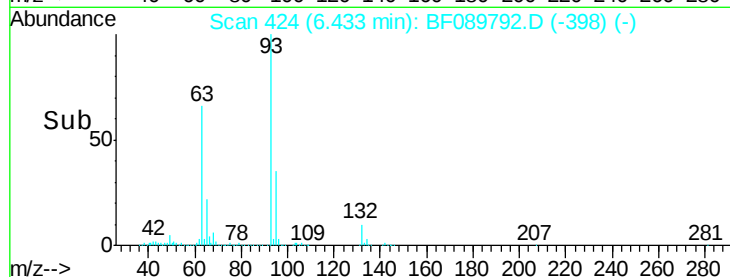
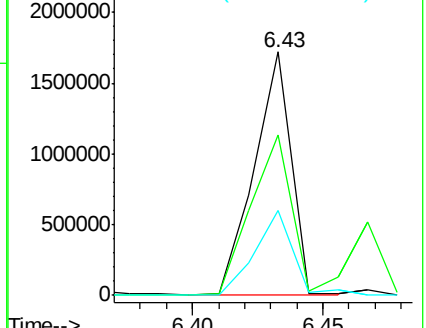
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Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.78 ng m

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

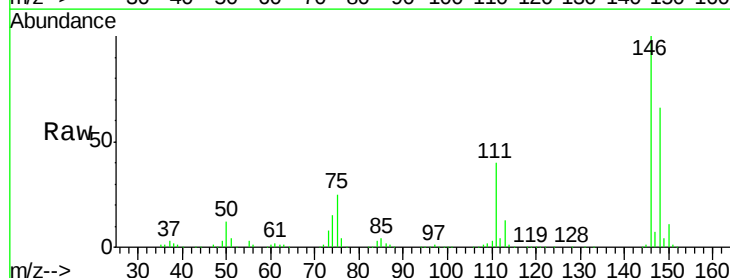
Tgt Ion: 146 Resp: 1877426

Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.4

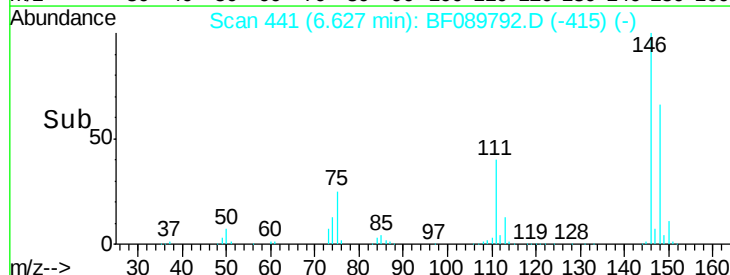
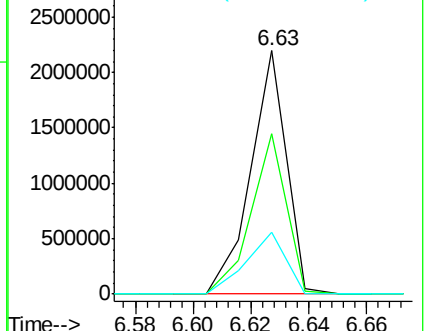
75 25.4 27.0 40.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





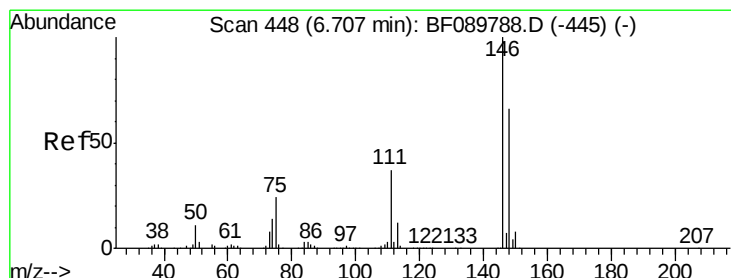
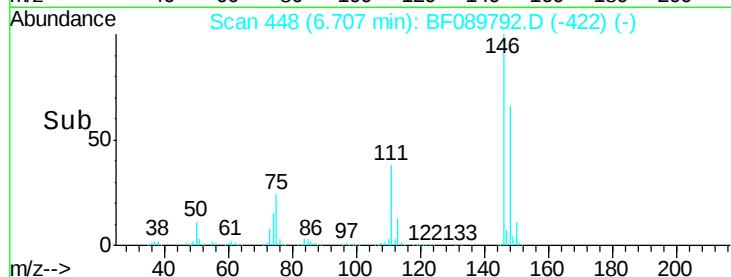
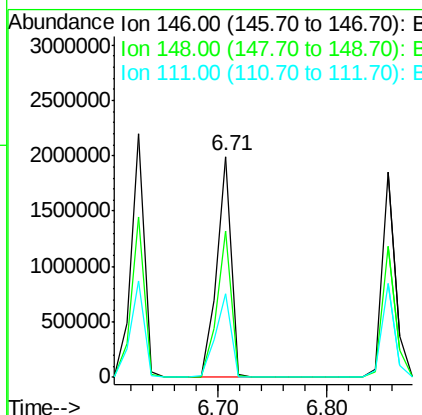
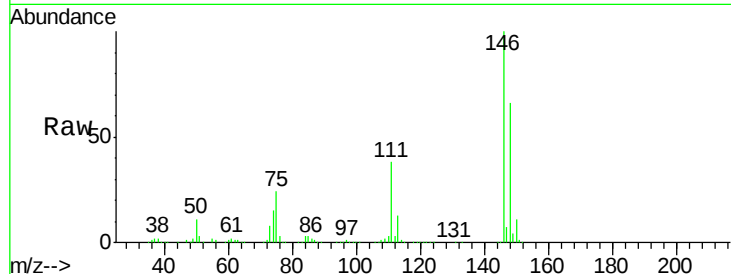
#13
 1,4-Dichlorobenzene
 Concen: 40.42 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion:146 Resp: 1867327
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.0 76.6
 111 37.9 34.6 52.0

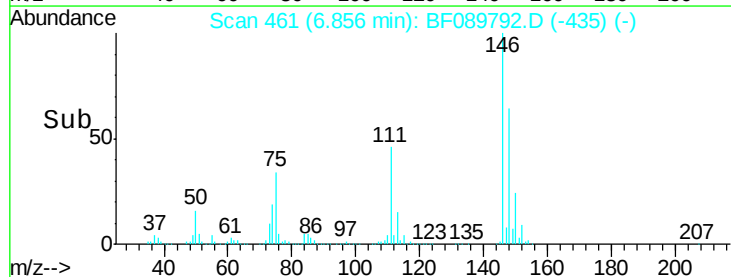
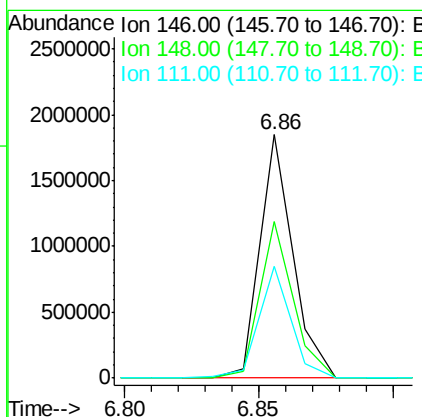
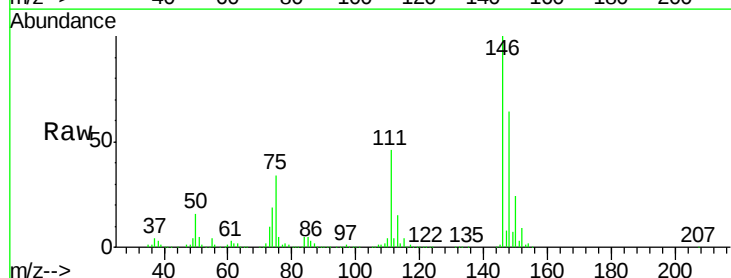
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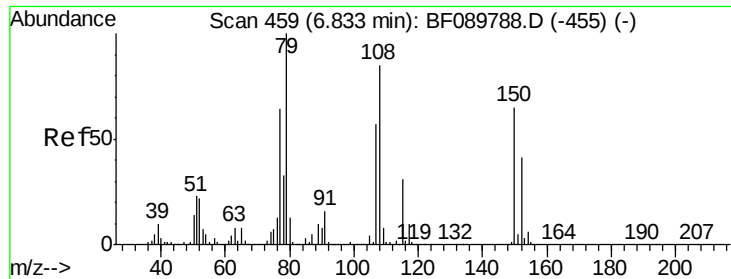
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#14
 1,2-Dichlorobenzene
 Concen: 36.48 ng m
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:146 Resp: 1573183
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 46.0 29.8 44.6#





#15

Benzyl Alcohol

Concen: 37.29 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion: 79 Resp: 1091190

Ion Ratio Lower Upper

79 100

108 85.6 62.5 93.7

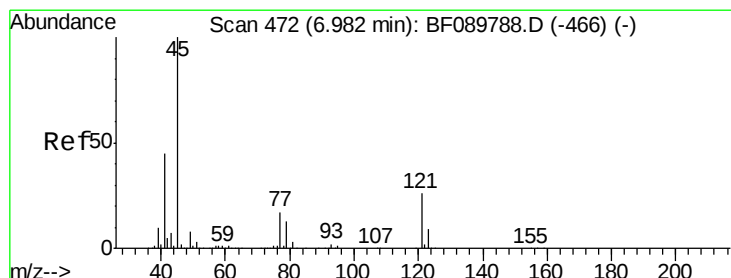
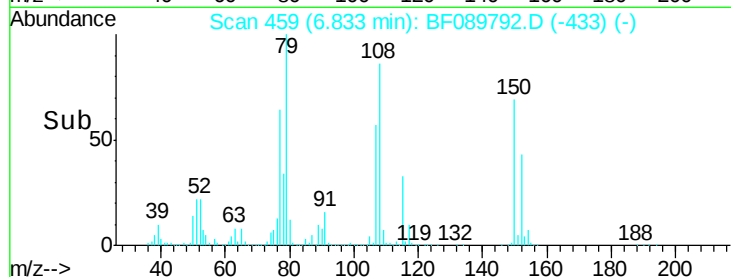
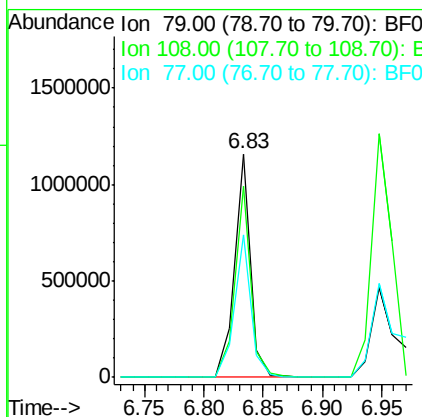
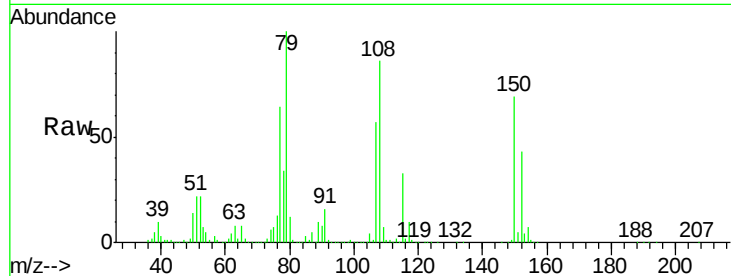
77 63.5 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.38 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

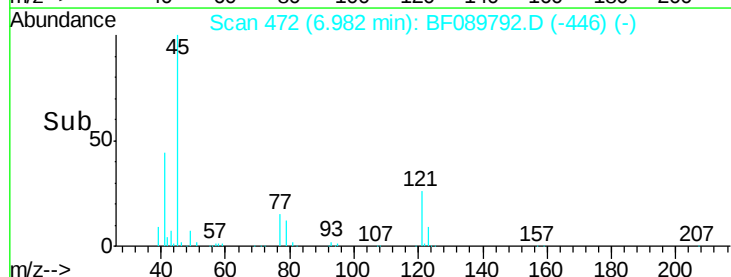
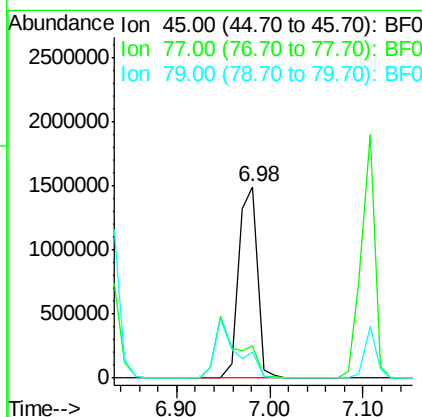
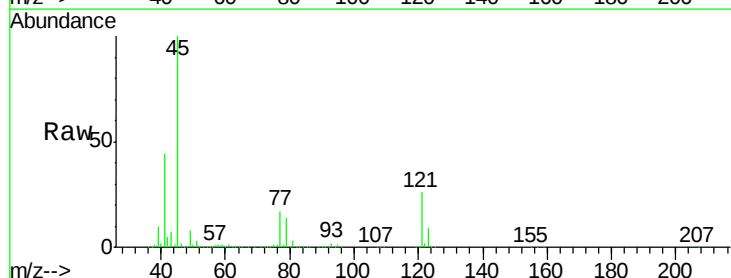
Tgt Ion: 45 Resp: 2072307

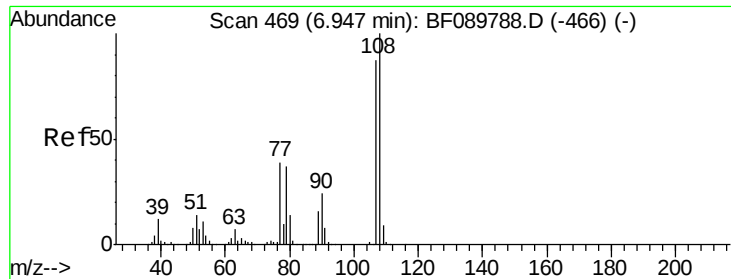
Ion Ratio Lower Upper

45 100

77 17.0 0.0 33.5

79 13.7 0.0 30.7





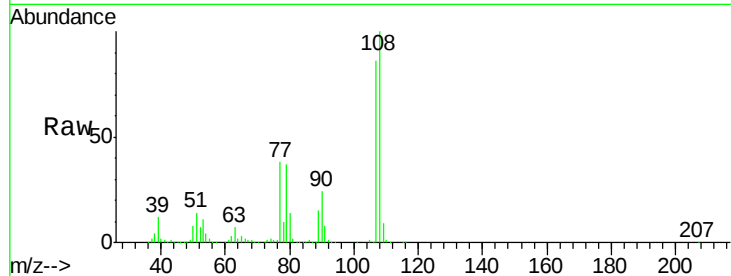
#17
2-Methylphenol
Concen: 38.07 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

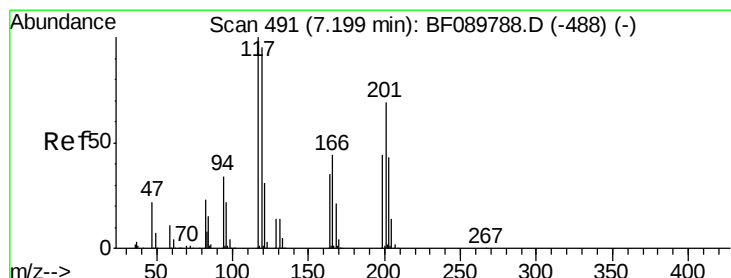
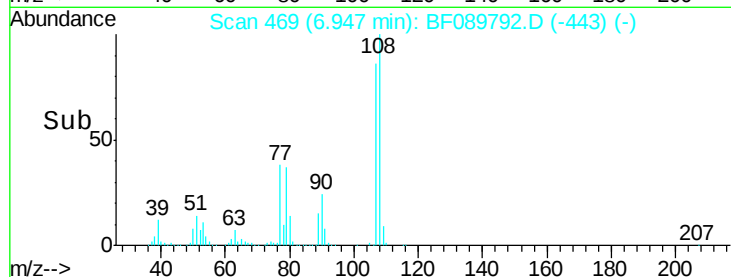
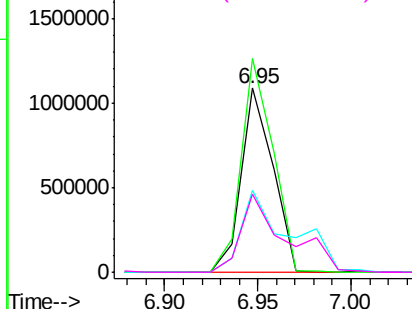
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	1281851		
108	116.2	91.0	136.4	
77	44.7	37.4	56.0	
79	42.7	36.6	55.0	

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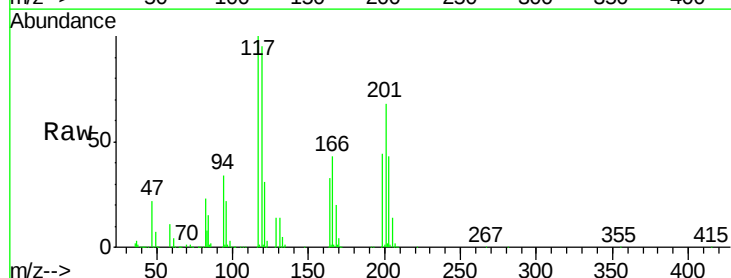


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

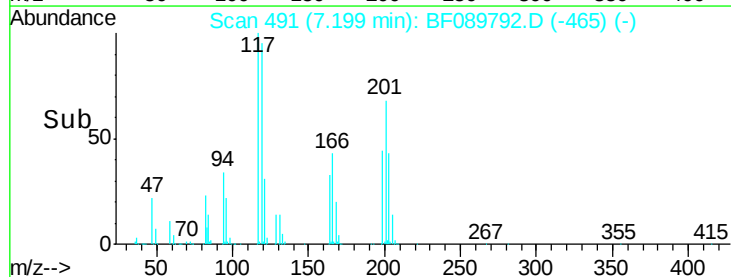
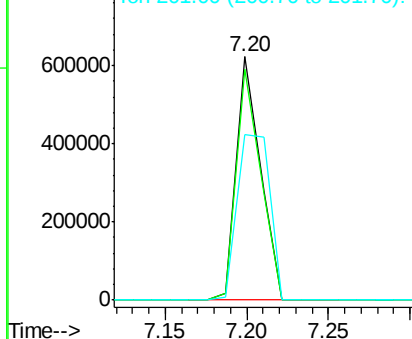


#18
Hexachloroethane
Concen: 38.41 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	632845		
119	95.0	77.1	115.7	
201	67.8	76.9	115.3#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





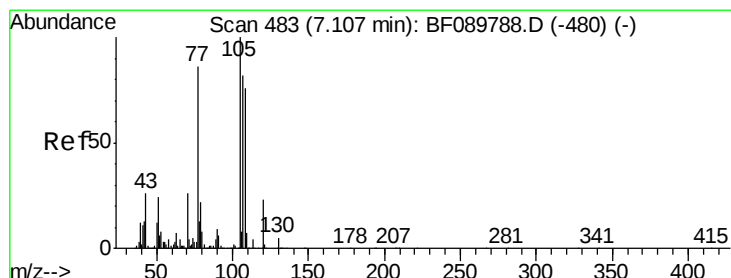
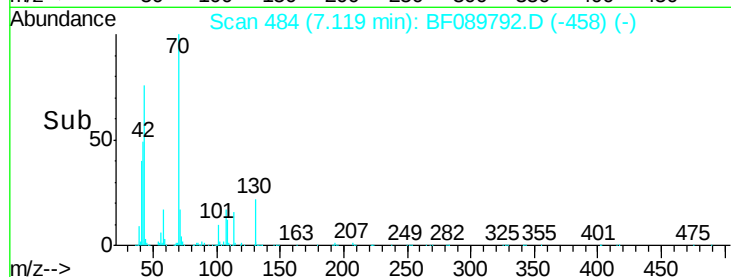
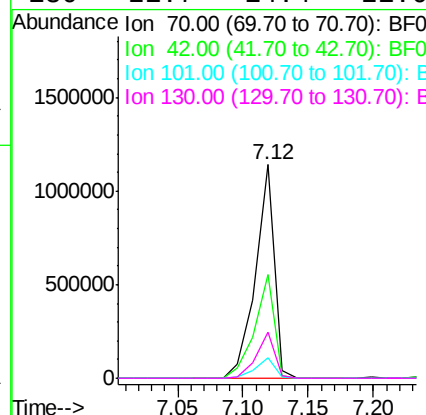
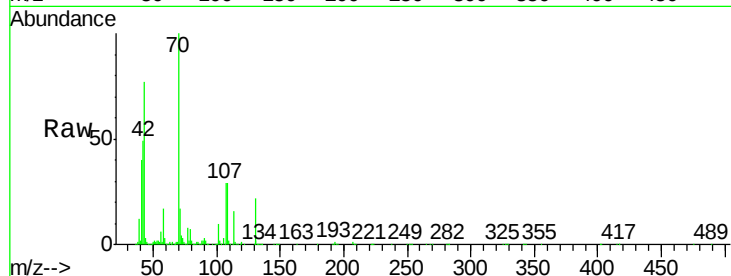
#19
n-Nitroso-di-n-propylamine
Concen: 40.82 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion: 70 Resp: 1152062
Ion Ratio Lower Upper
70 100
42 48.6 46.3 69.5
101 9.8 7.0 10.6
130 21.7 14.4 21.6#

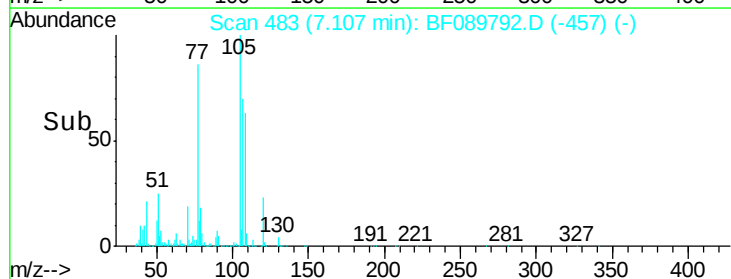
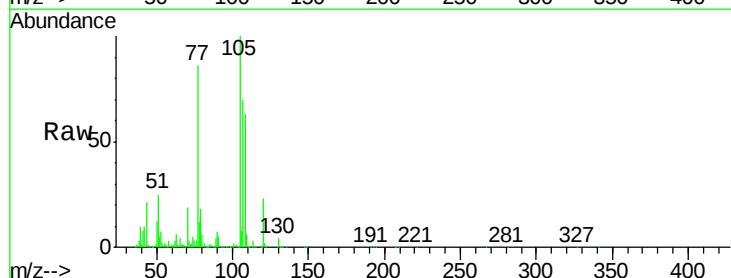
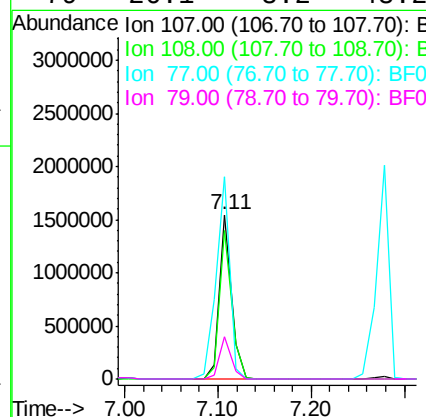
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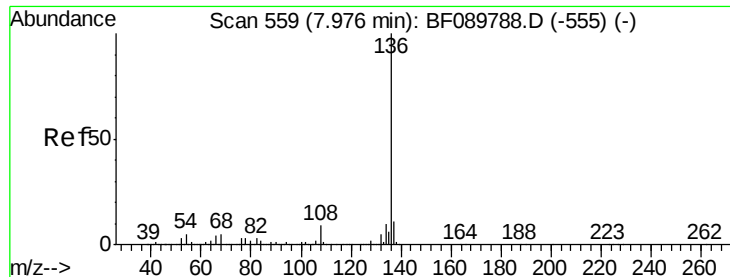
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#20
3+4-Methylphenols
Concen: 33.61 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion: 107 Resp: 1387411
Ion Ratio Lower Upper
107 100
108 90.9 68.2 108.2
77 123.0 122.3 162.3
79 26.1 8.2 48.2





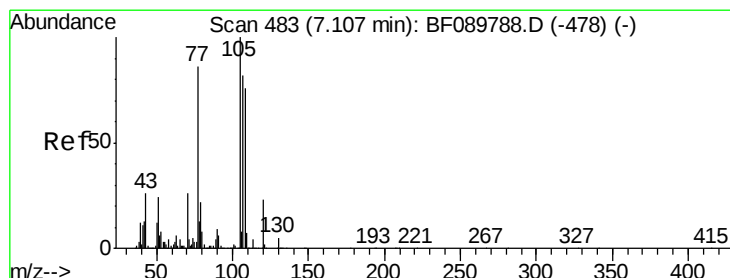
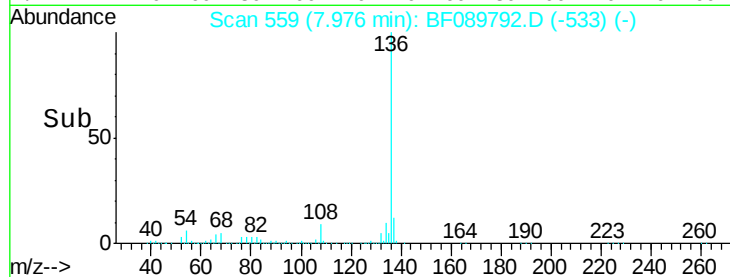
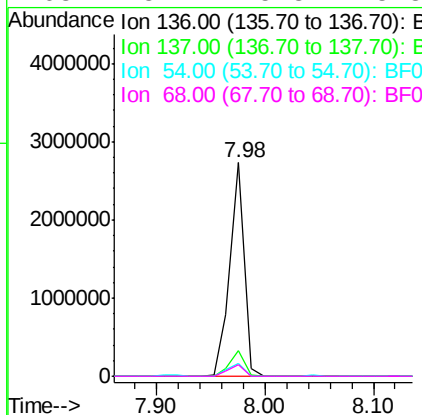
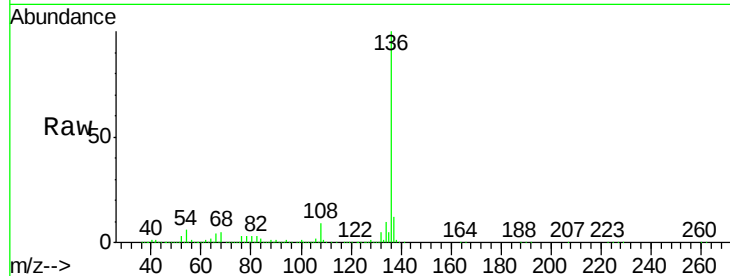
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	2493427		
137	11.7	9.2	13.8	
54	5.9	7.2	10.8#	
68	5.4	5.8	8.8#	

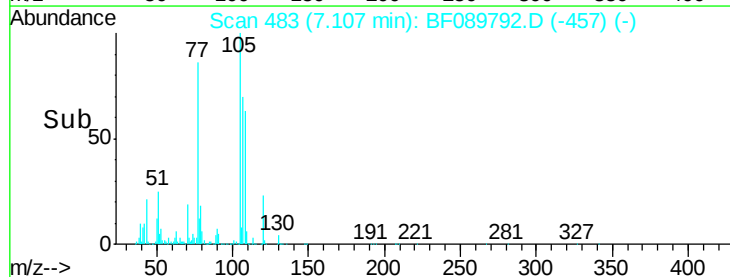
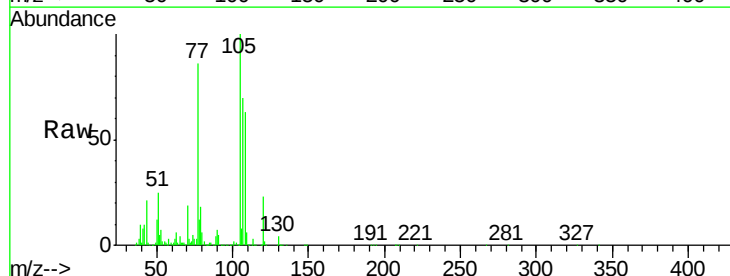
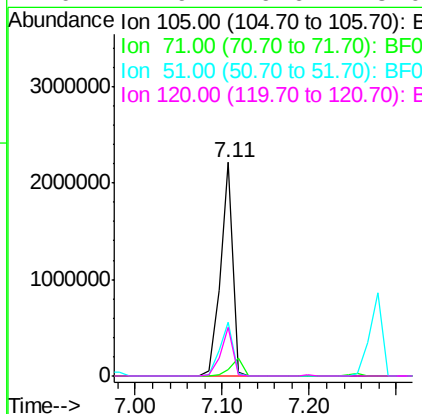
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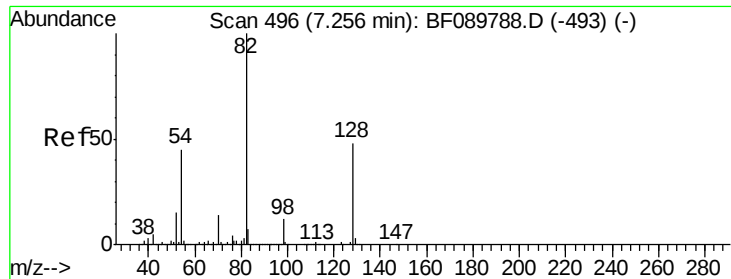
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#22
Acetophenone
Concen: 38.33 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2194588		
71	3.2	1.9	2.9#	
51	25.5	28.5	42.7#	
120	22.9	16.6	25.0	





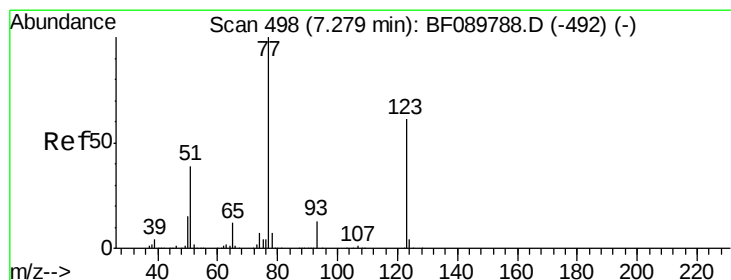
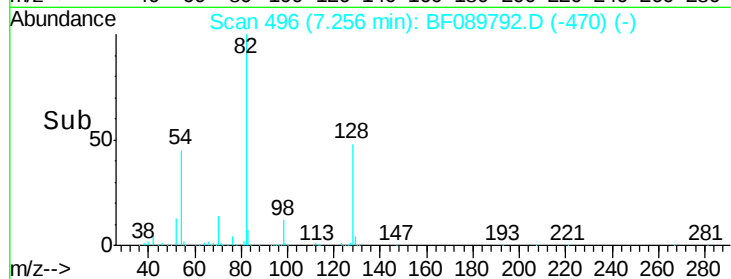
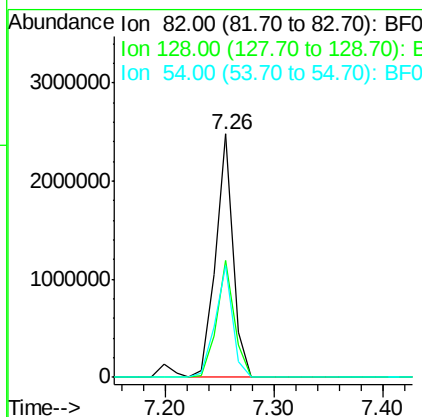
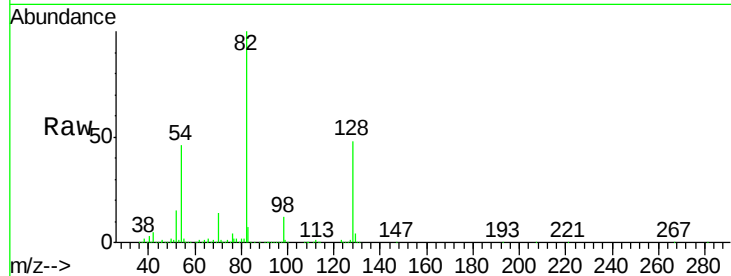
#23
 Nitrobenzene-d5
 Concen: 69.47 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion: 82 Resp: 2788082
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.4 51.6
 54 46.0 40.3 60.5

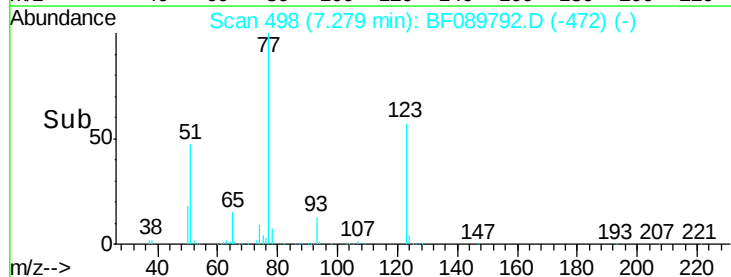
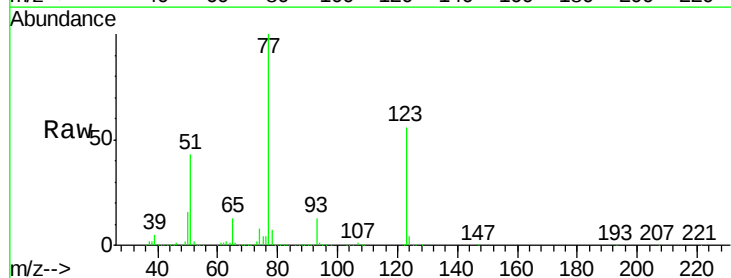
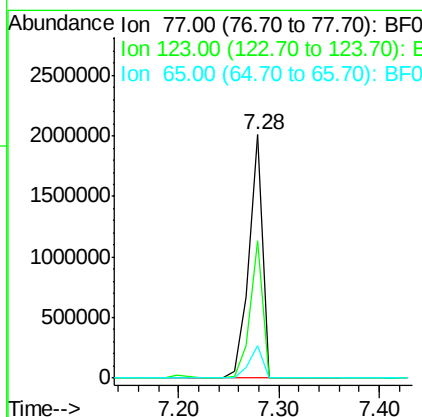
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#24
 Nitrobenzene
 Concen: 41.78 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion: 77 Resp: 1881232
 Ion Ratio Lower Upper
 77 100
 123 56.4 36.2 54.2#
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 37.48 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion: 82 Resp: 3034000

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

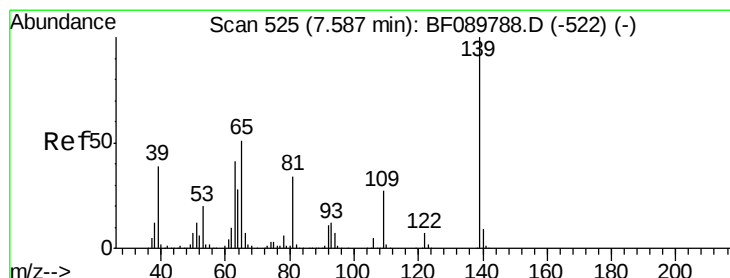
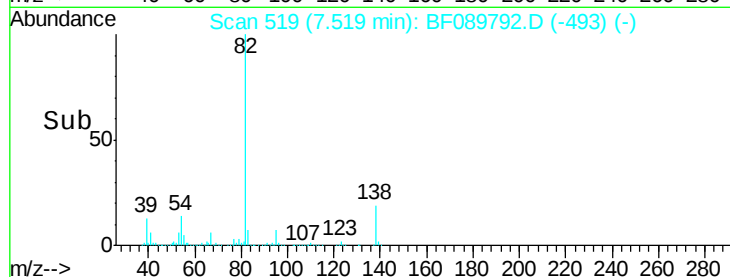
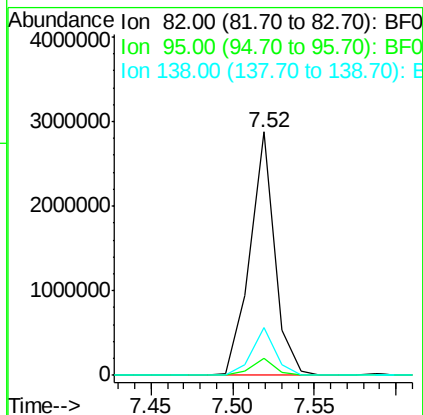
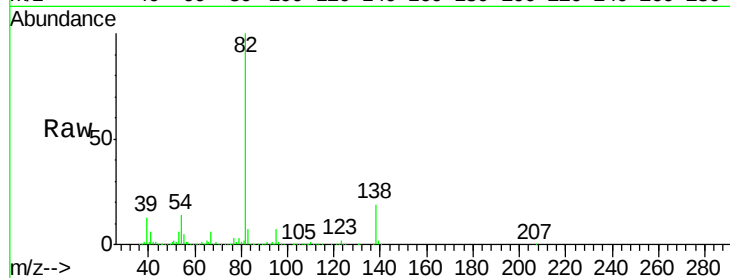
138 19.5 13.0 19.4#

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#26

2-Nitrophenol

Concen: 35.56 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

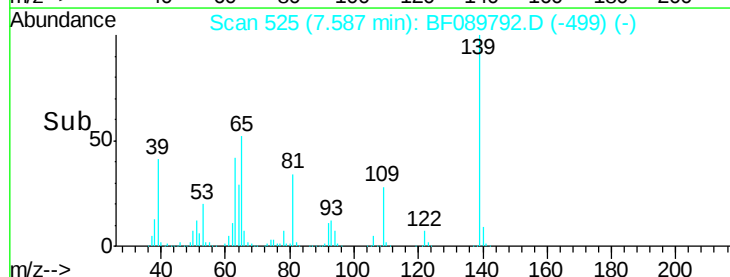
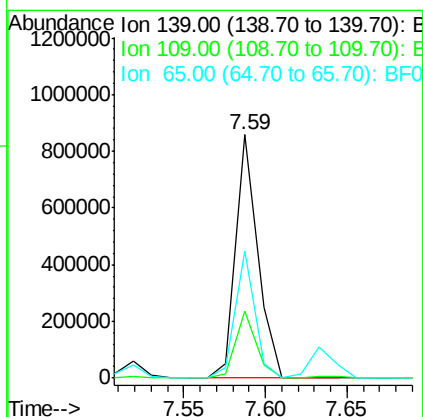
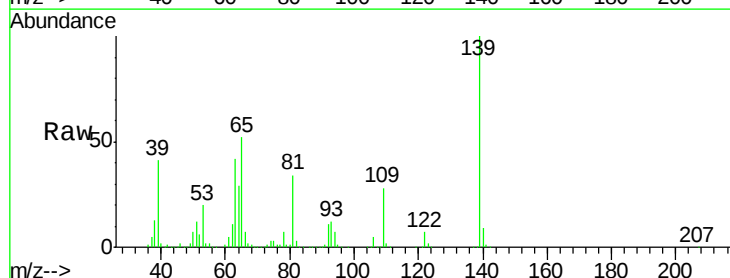
Tgt Ion: 139 Resp: 798815

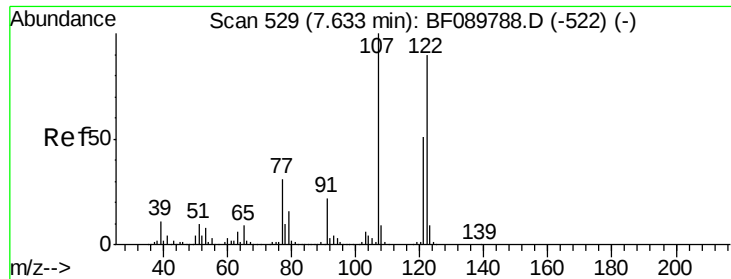
Ion Ratio Lower Upper

139 100

109 27.7 19.5 29.3

65 52.3 26.5 39.7#





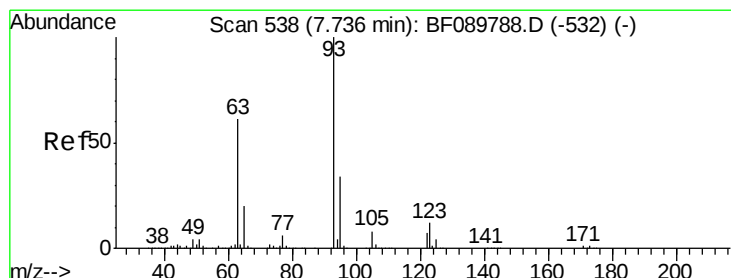
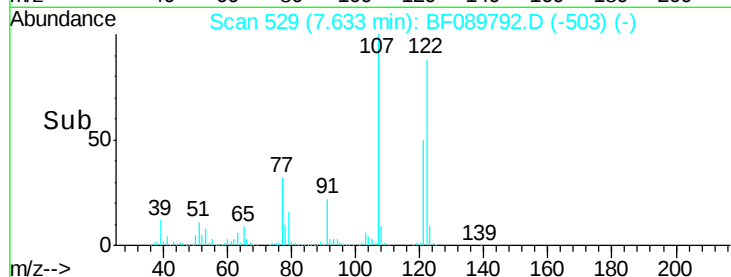
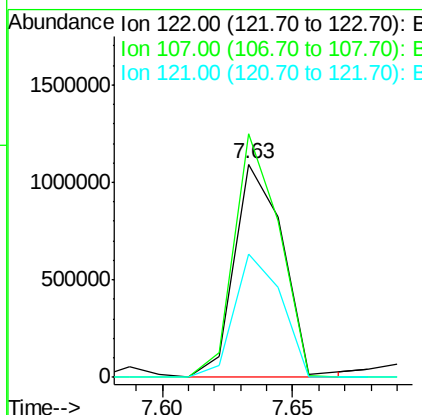
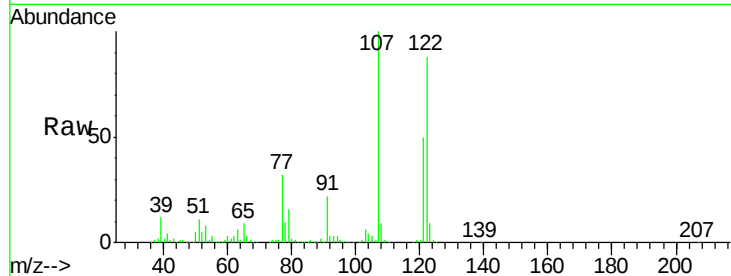
#27
 2,4-Dimethylphenol
 Concen: 34.96 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion:122 Resp: 1415652
 Ion Ratio Lower Upper
 122 100
 107 114.2 84.8 127.2
 121 57.5 47.0 70.6

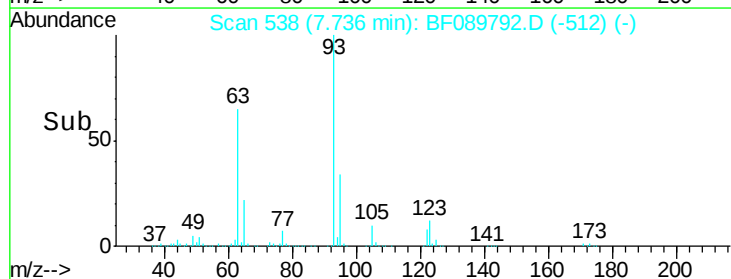
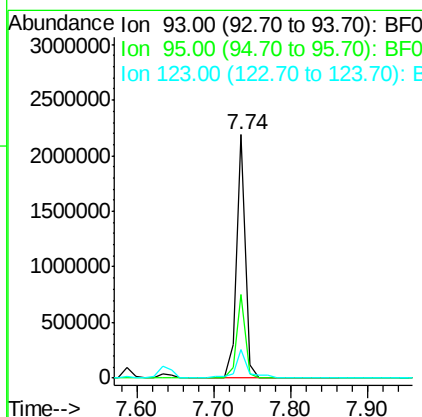
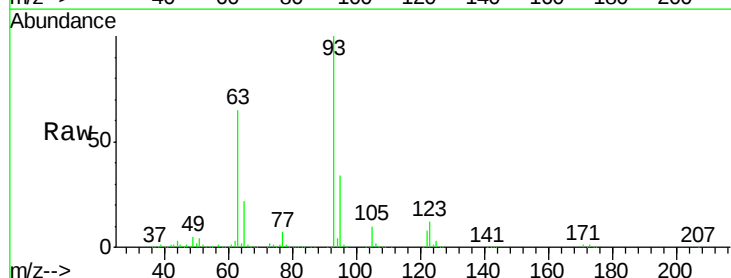
Manual Integrations
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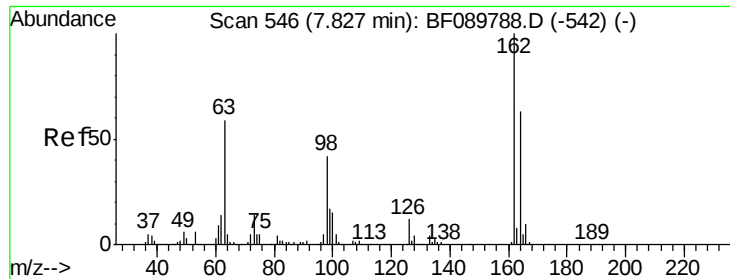
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.14 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion: 93 Resp: 1810210
 Ion Ratio Lower Upper
 93 100
 95 34.5 25.5 38.3
 123 11.8 8.5 12.7





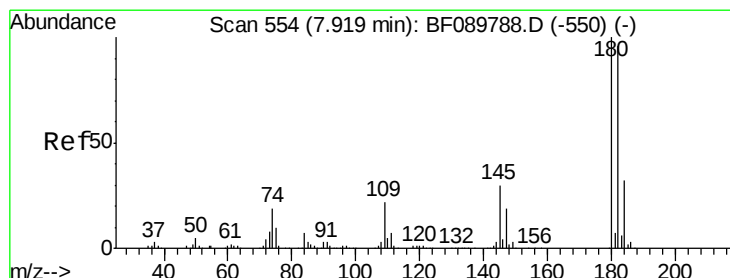
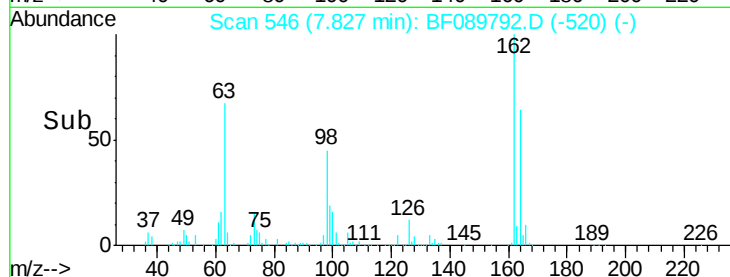
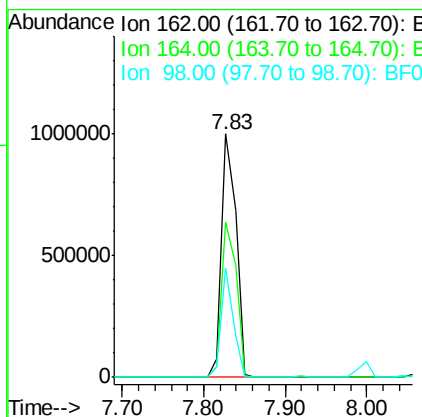
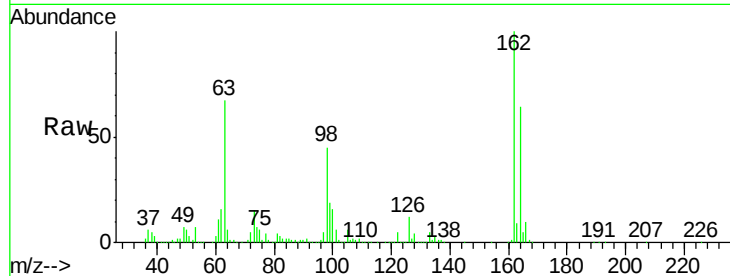
#29
 2,4-Dichlorophenol
 Concen: 35.96 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.5	85.5
98	45.0	12.4	52.4

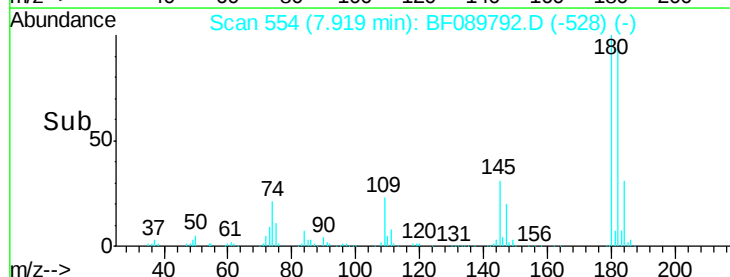
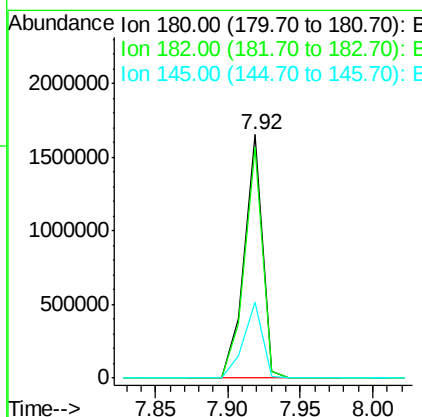
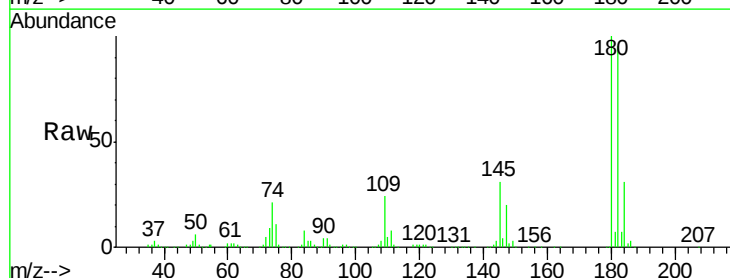
Manual Integrations
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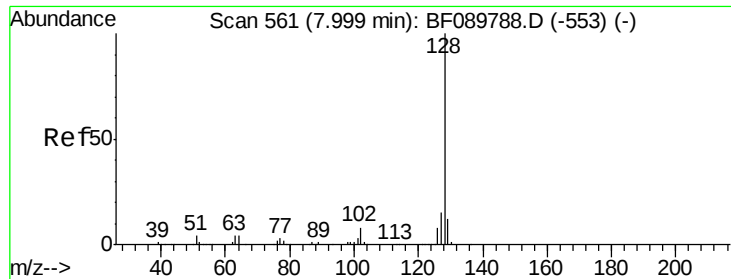
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.56 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.5	113.3
145	31.2	28.7	43.1





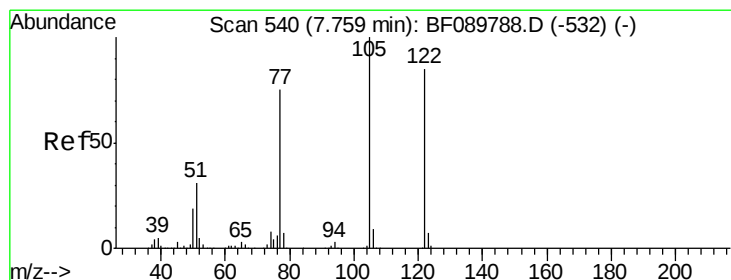
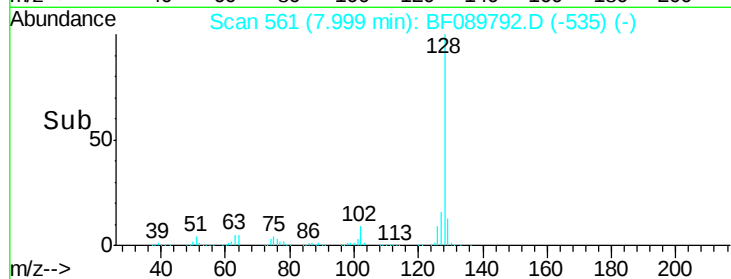
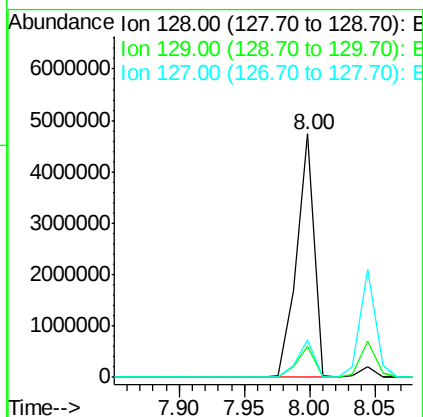
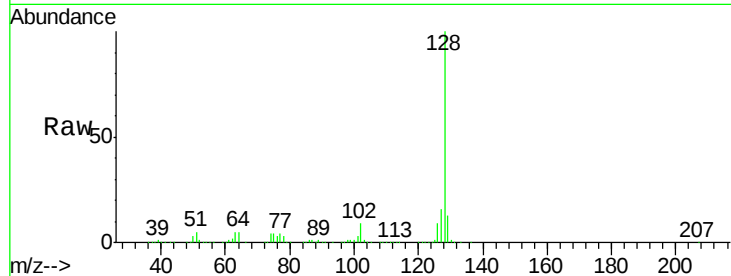
#31
Naphthalene
Concen: 38.19 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion:128 Resp: 4450308
Ion Ratio Lower Upper
128 100
129 12.8 9.5 14.3
127 15.5 11.3 16.9

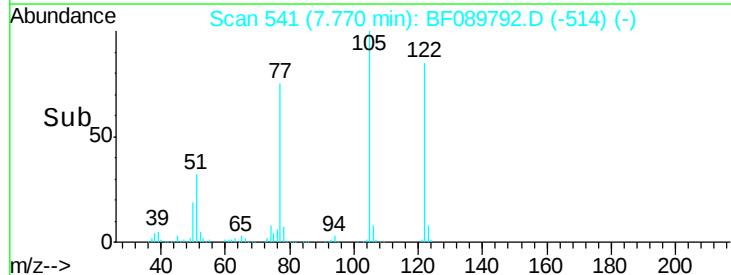
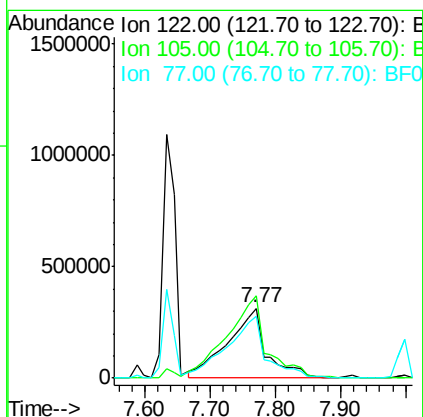
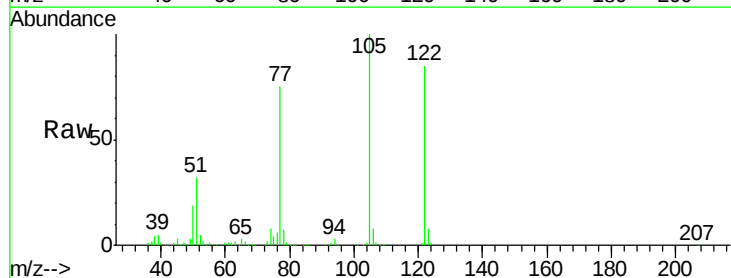
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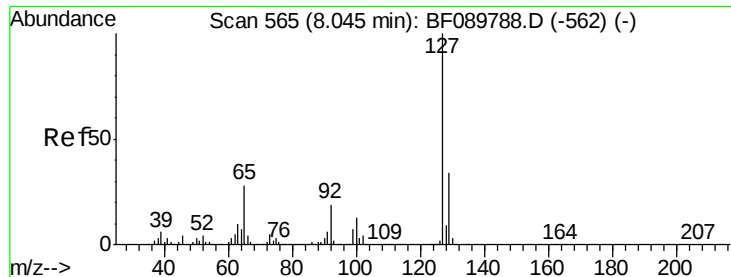
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#32
Benzoic acid
Concen: 39.98 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:122 Resp: 1261530
Ion Ratio Lower Upper
122 100
105 118.1 100.8 140.8
77 88.6 72.1 112.1





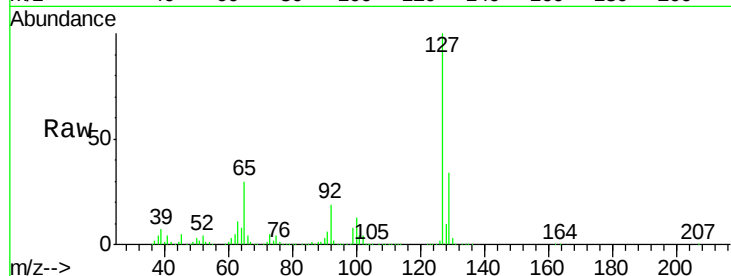
#33
4-Chloroaniline
Concen: 34.88 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

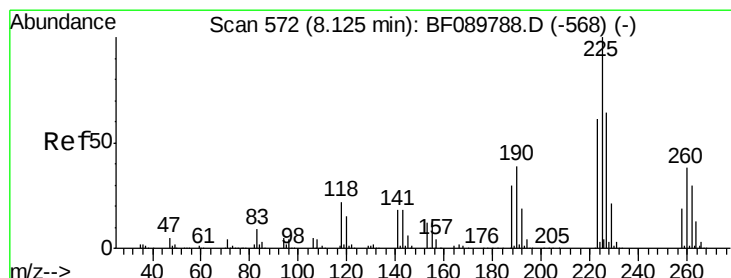
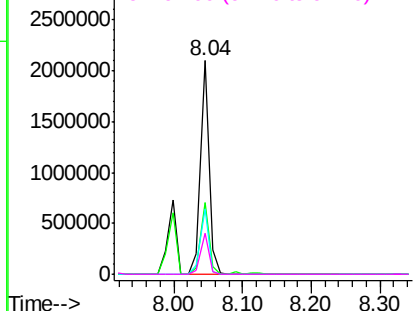
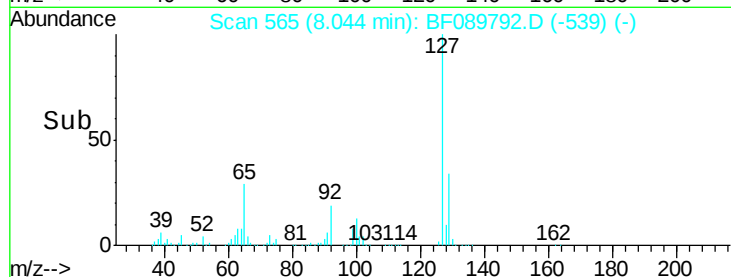
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.0	40.6
65	30.4	14.7	22.1#
92	19.4	11.7	17.5#

Manual Integrations
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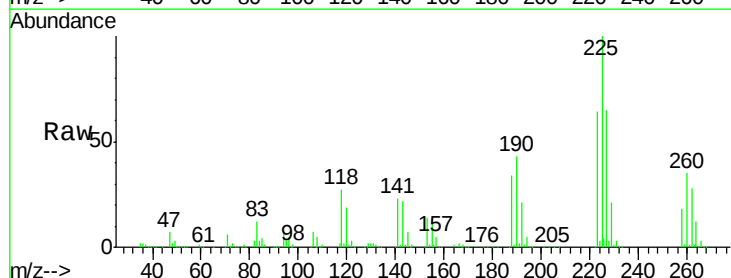


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

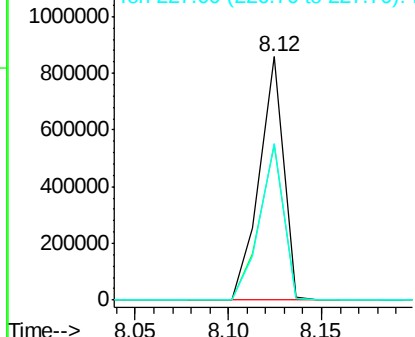
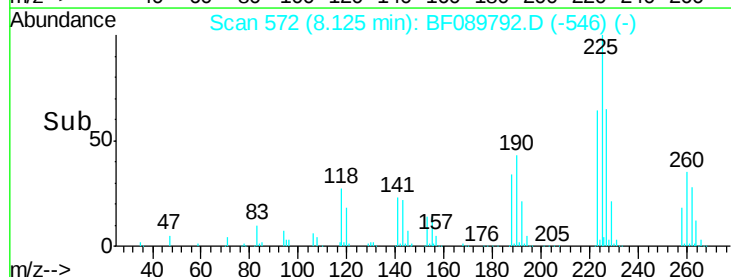


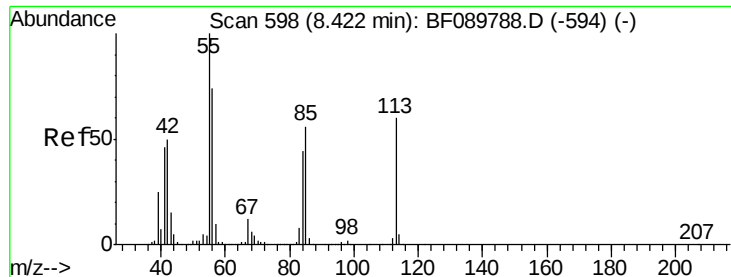
#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	64.6	49.8	74.6



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





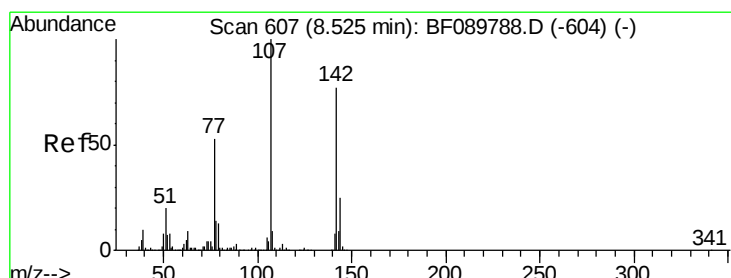
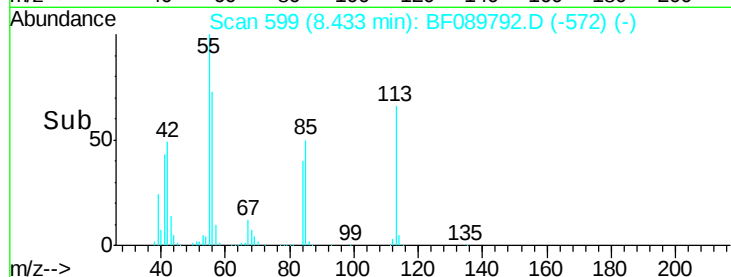
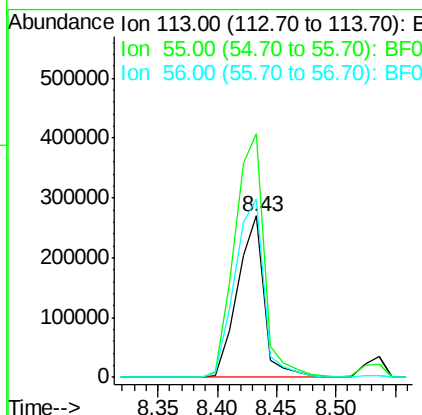
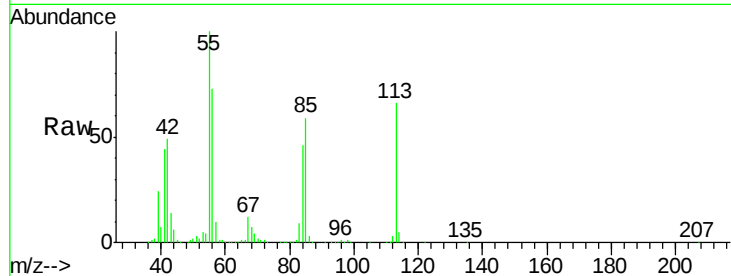
#35
 Caprolactam
 Concen: 40.73 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion	Ratio	Lower	Upper
113	100		
55	151.0	135.9	175.9
56	110.9	93.9	133.9

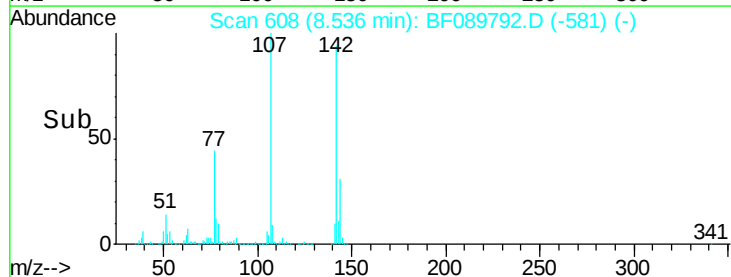
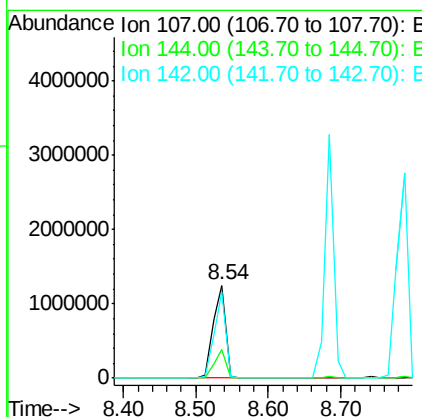
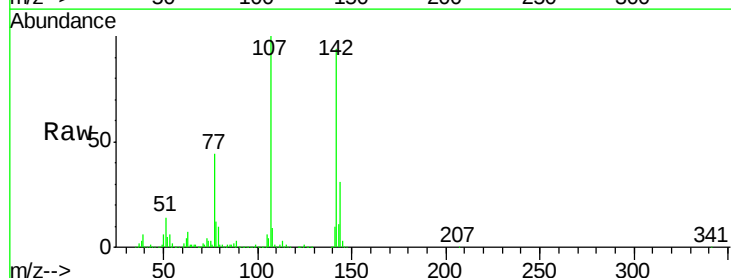
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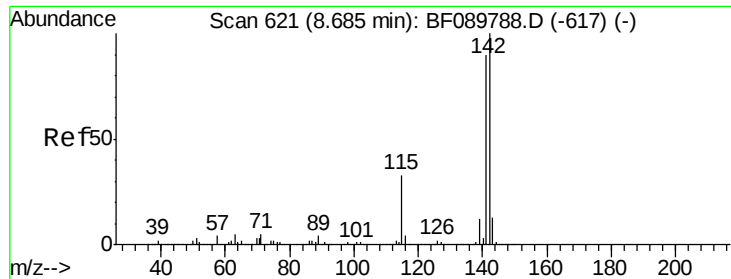
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#36
 4-Chloro-3-methylphenol
 Concen: 39.51 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.4	22.6	34.0
142	93.6	69.3	103.9





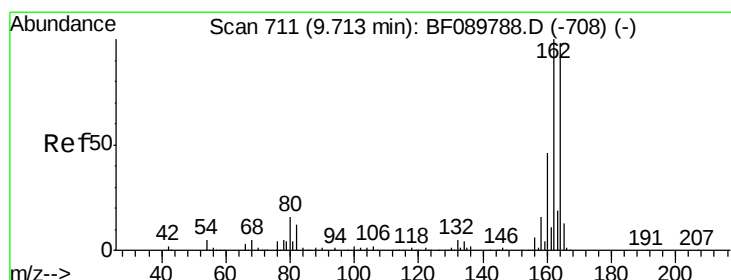
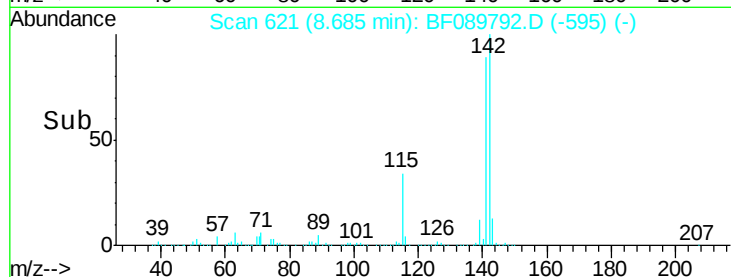
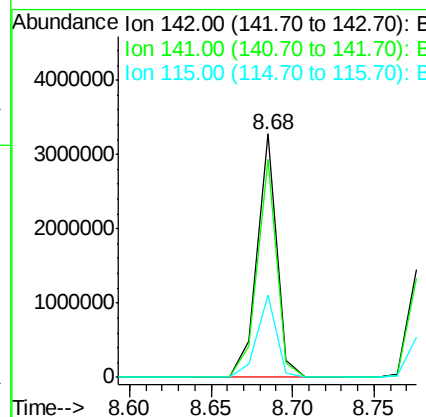
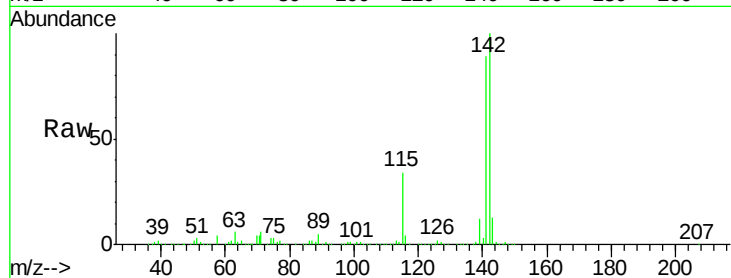
#37
2-Methylnaphthalene
Concen: 36.28 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion:142 Resp: 2735156
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2
115 34.0 22.7 34.1

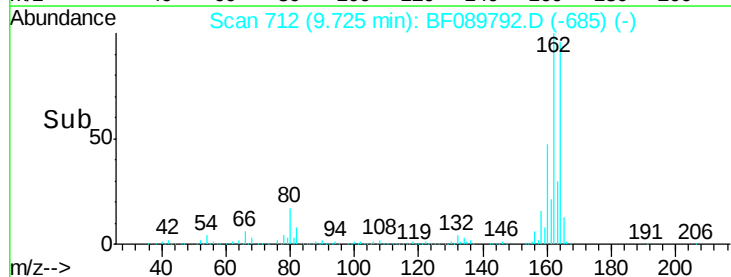
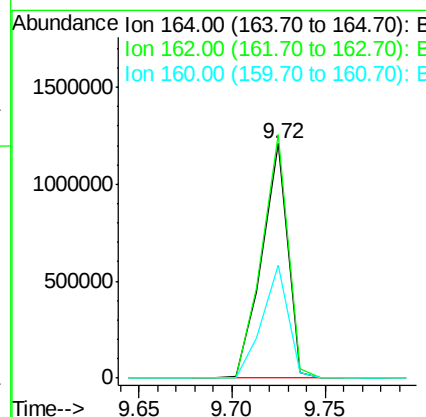
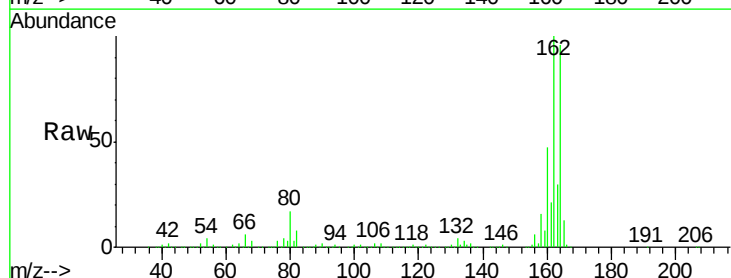
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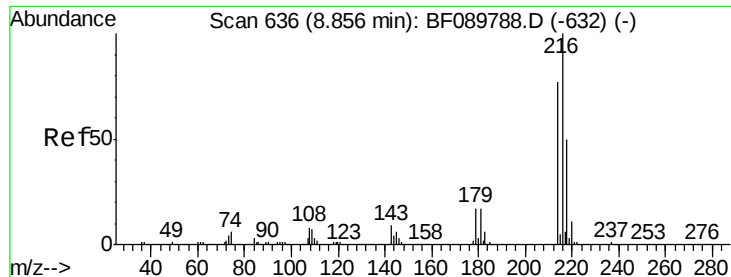
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:164 Resp: 1157647
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.2
160 48.5 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.02 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:216 Resp: 1537750

Ion Ratio Lower Upper

216 100

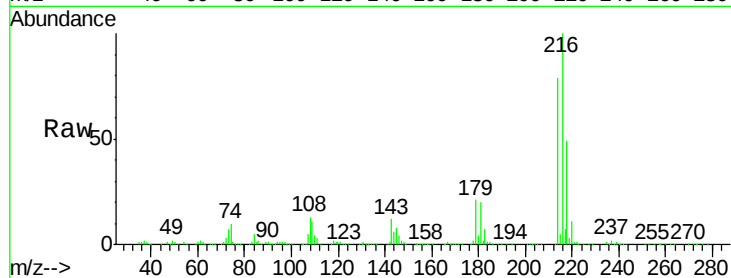
214 79.8 63.5 95.3

179 22.3 19.9 29.9

108 18.6 19.9 29.9#

Manual Integrations
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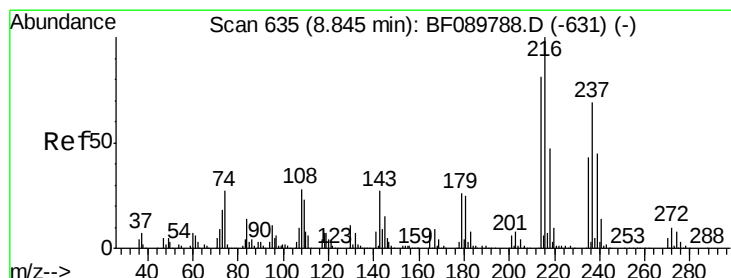
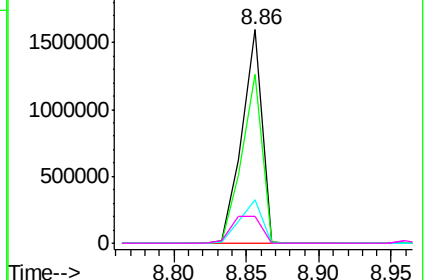
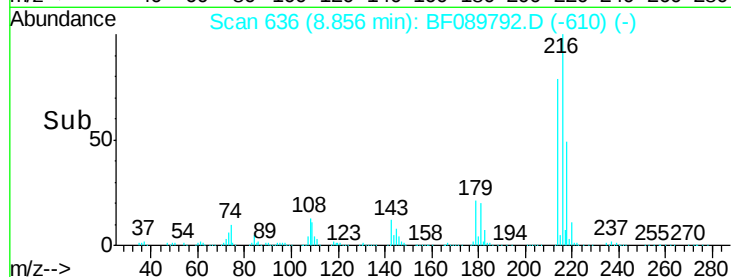


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.50 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

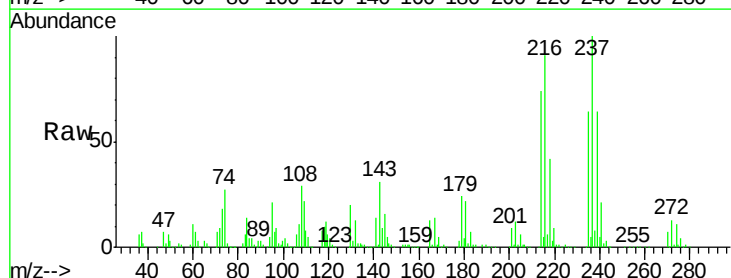
Tgt Ion:237 Resp: 540088

Ion Ratio Lower Upper

237 100

235 63.6 43.7 83.7

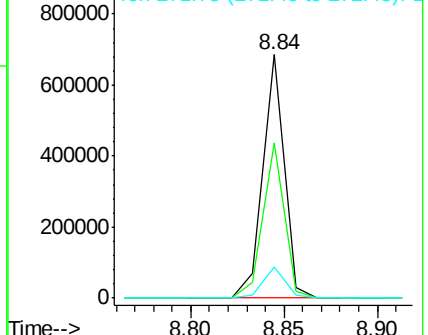
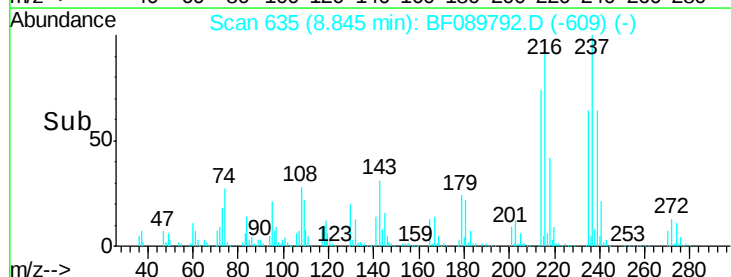
272 13.0 0.0 31.6

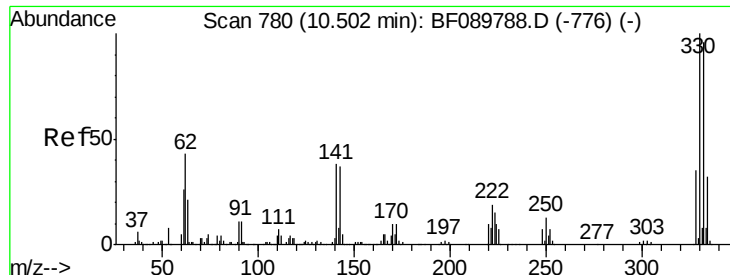


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





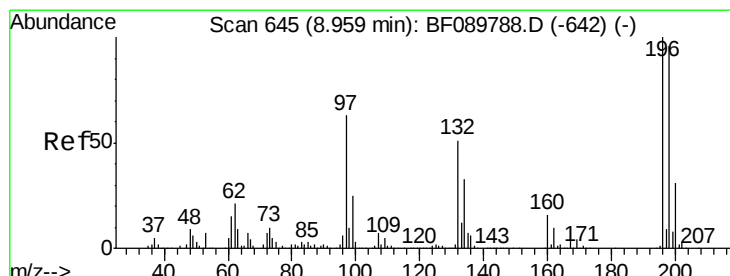
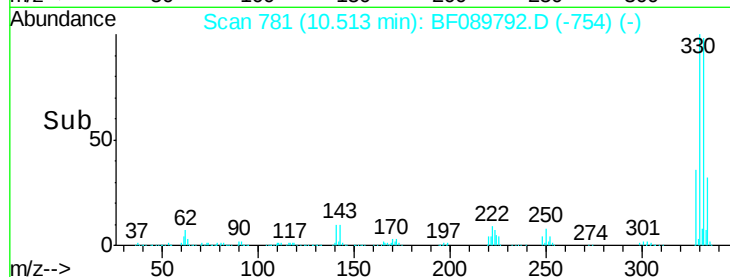
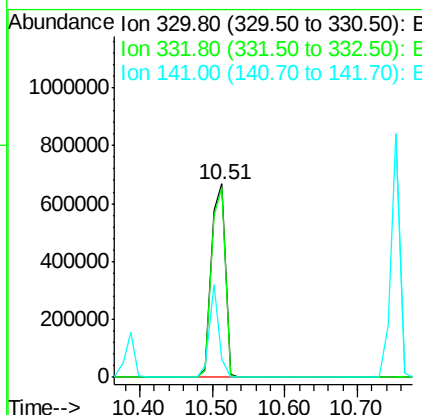
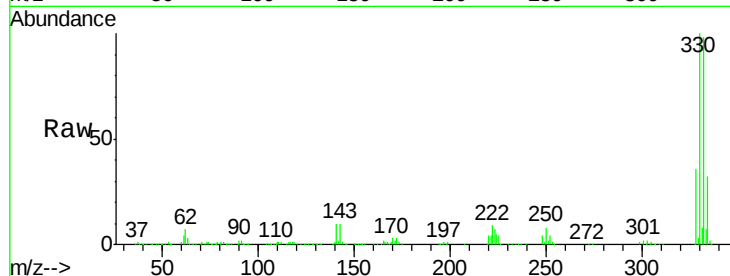
#41
 2,4,6-Tribromophenol
 Concen: 80.45 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	885127		
332	97.4	76.7	115.1	
141	33.1	30.2	45.2	

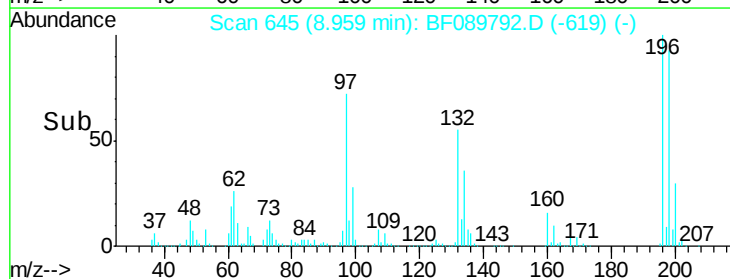
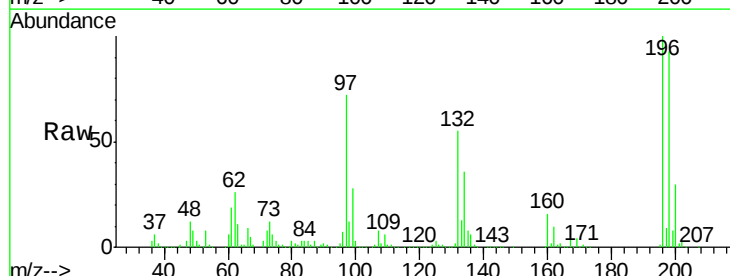
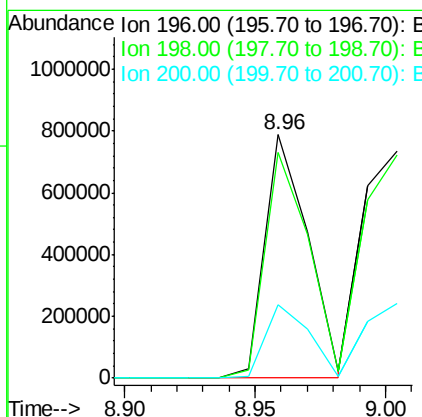
Manual Integrations
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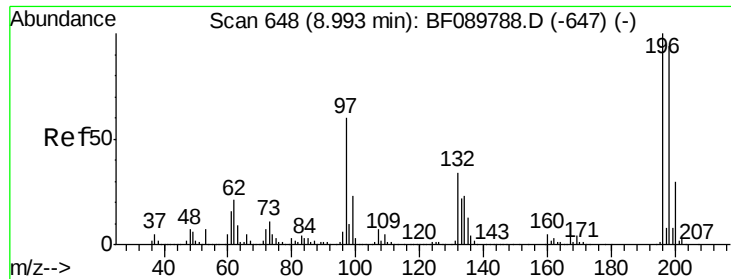
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#42
 2,4,6-Trichlorophenol
 Concen: 38.16 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	899929		
198	92.9	76.3	114.5	
200	30.1	24.6	36.8	





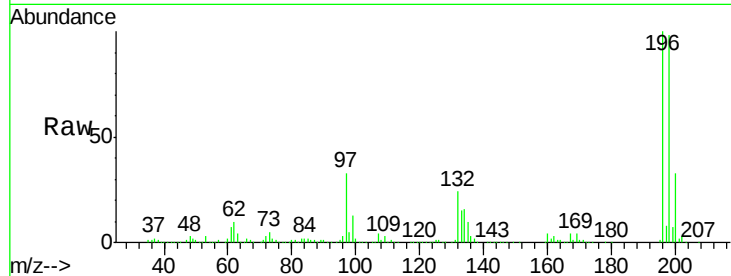
#43
 2,4,5-Trichlorophenol
 Concen: 40.53 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

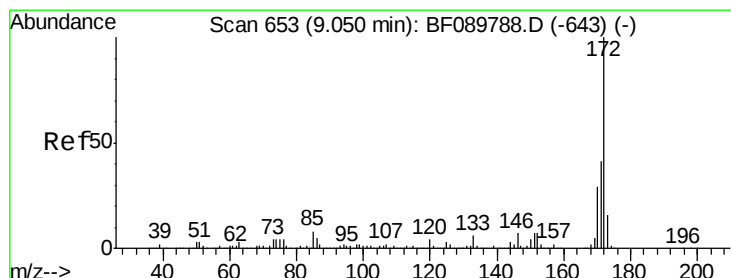
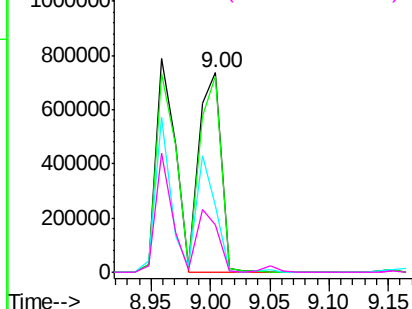
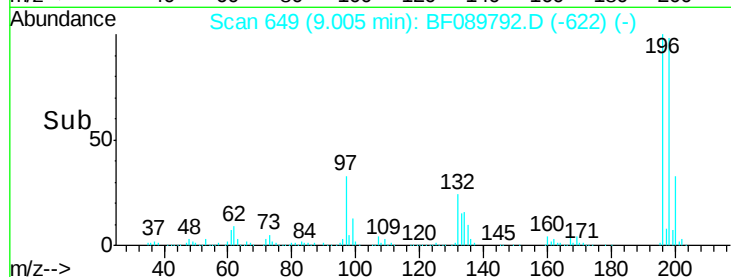
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	950680		
198	98.1	76.6	114.8	
97	33.3	35.8	53.8#	
132	23.6	23.5	35.3	

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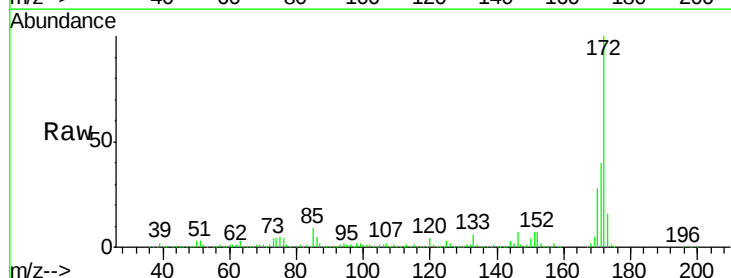


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

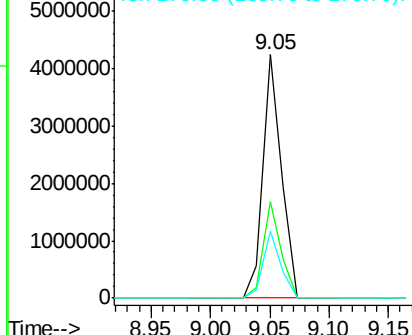
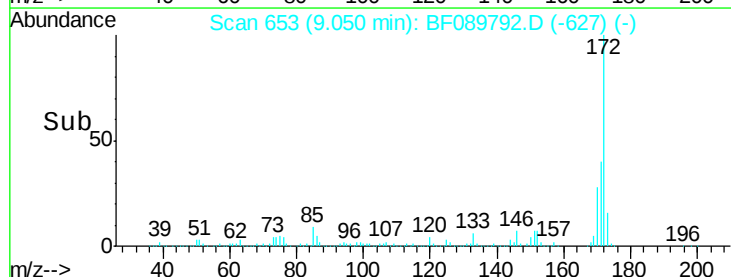


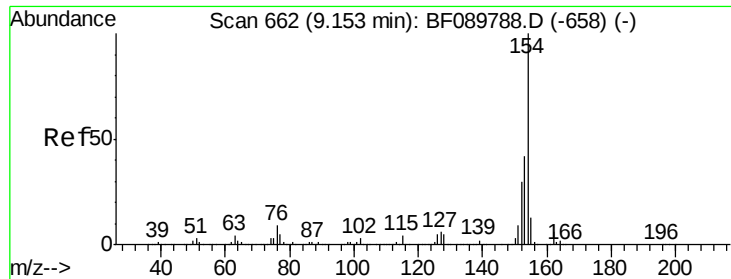
#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4631366		
171	39.8	30.5	45.7	
170	27.6	20.6	31.0	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





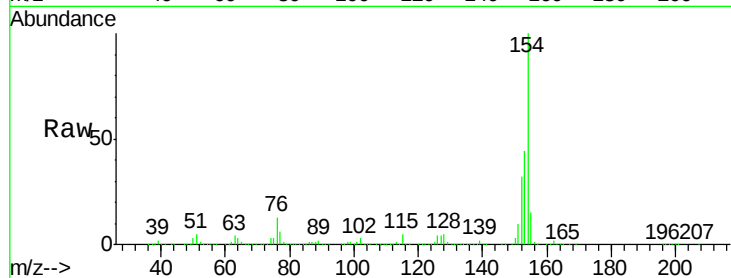
#45
 1,1'-Biphenyl
 Concen: 39.90 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

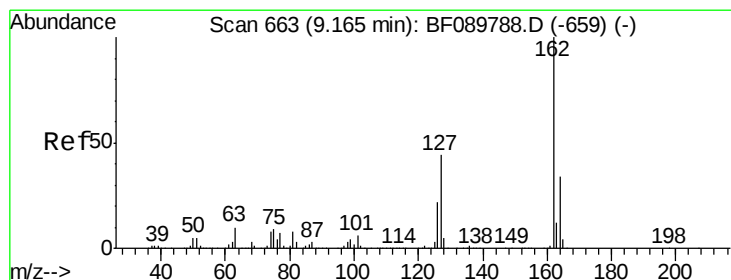
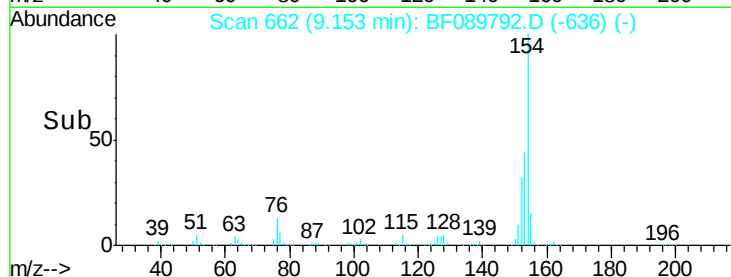
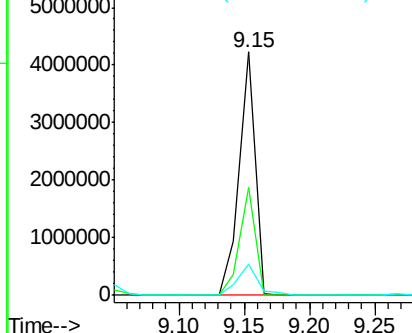
Tgt Ion:154 Resp: 3574861
 Ion Ratio Lower Upper
 154 100
 153 44.4 21.5 61.5
 76 12.6 0.0 36.7

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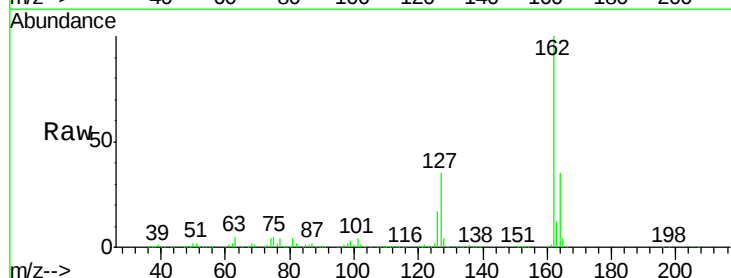


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

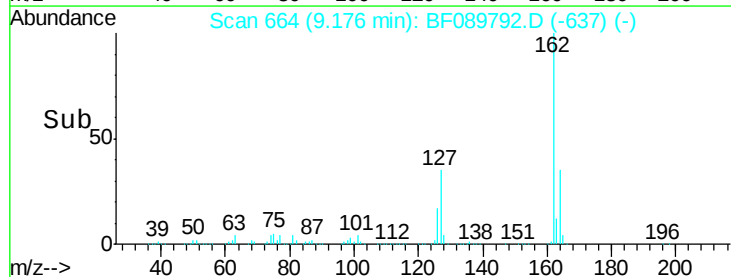
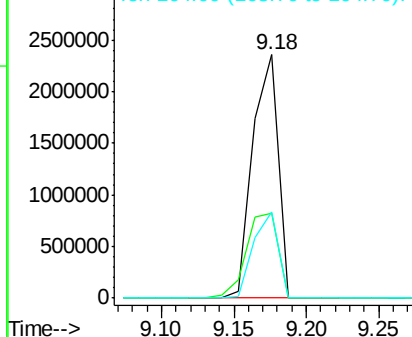


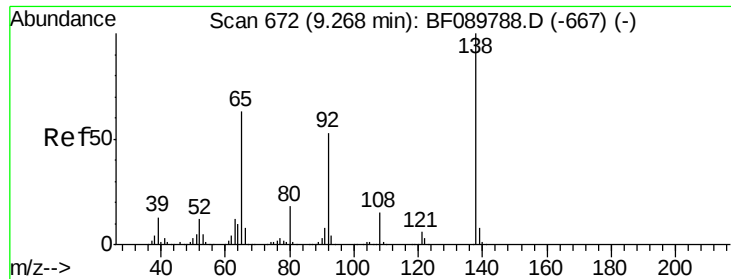
#46
 2-Chloronaphthalene
 Concen: 40.44 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:162 Resp: 2863602
 Ion Ratio Lower Upper
 162 100
 127 35.0 35.5 53.3#
 164 35.2 26.6 40.0



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





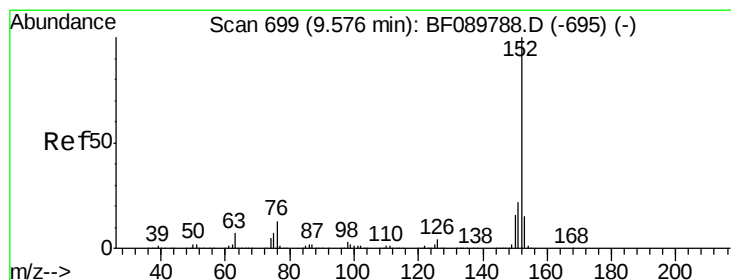
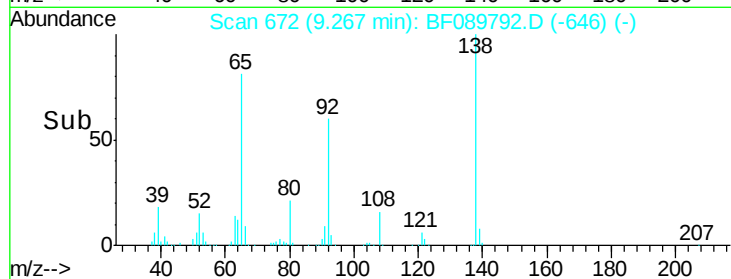
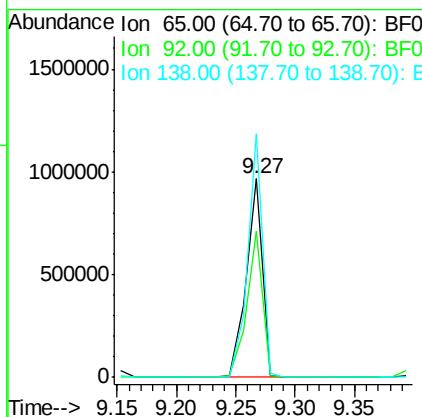
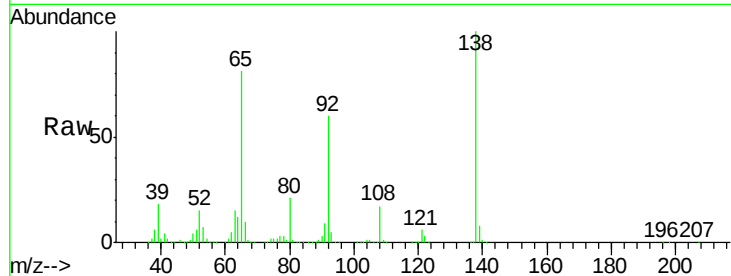
#47
 2-Nitroaniline
 Concen: 45.35 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	915907		
92	73.9	56.3	84.5	
138	122.8	81.8	122.8#	

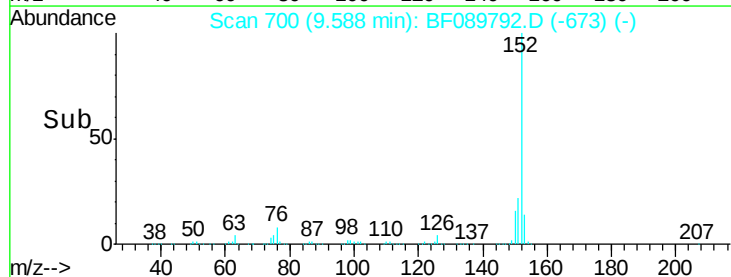
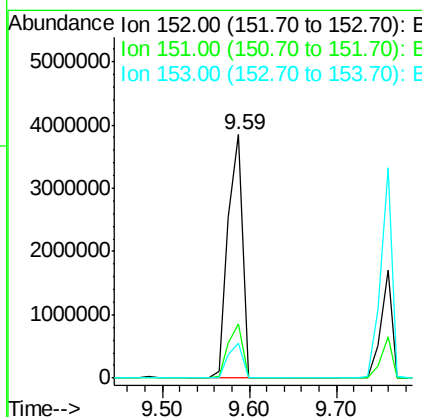
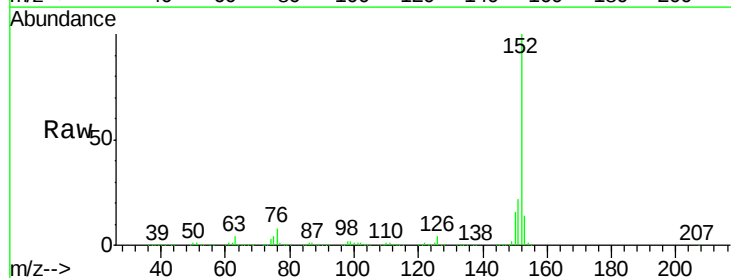
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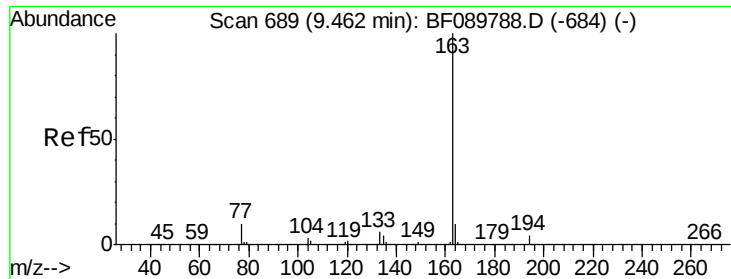
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#48
 Acenaphthylene
 Concen: 41.99 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	4468106		
151	22.3	17.1	25.7	
153	14.3	11.2	16.8	





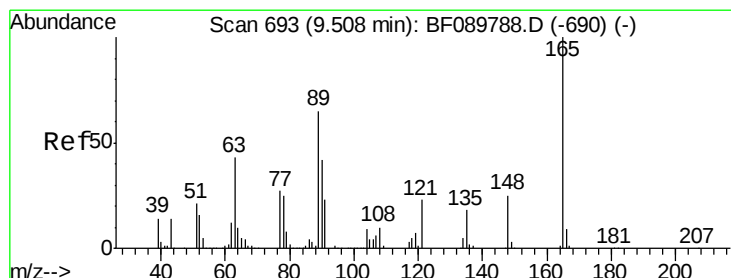
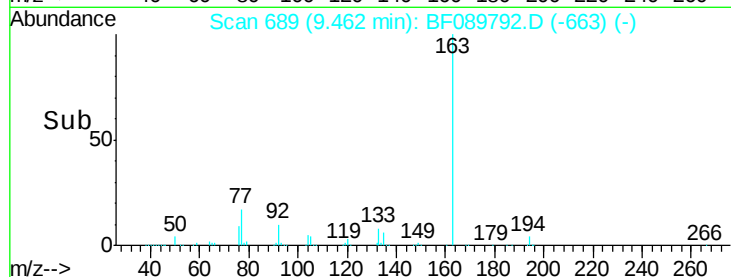
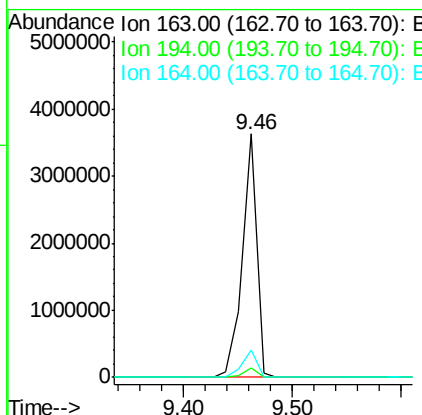
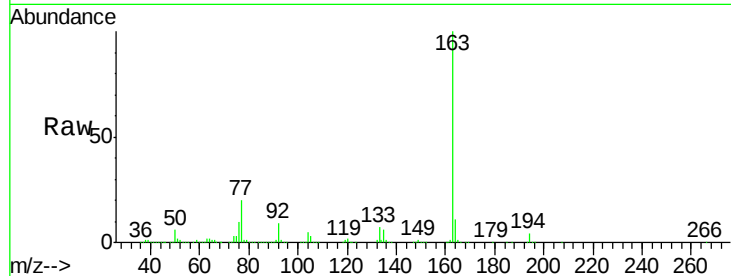
#49
Dimethylphthalate
Concen: 40.09 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

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

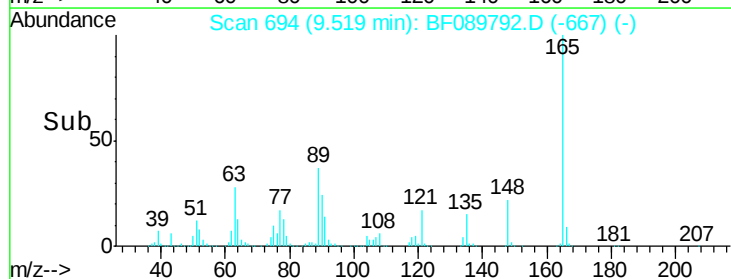
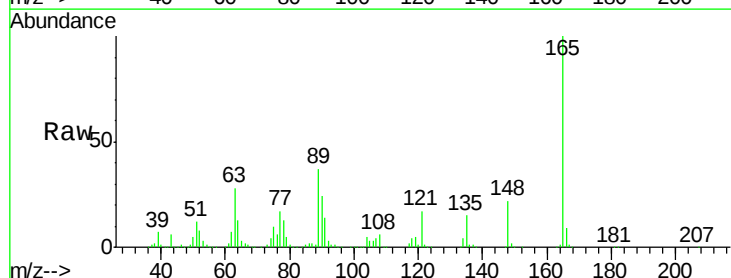
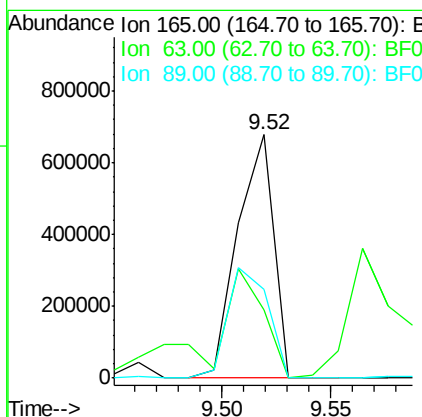
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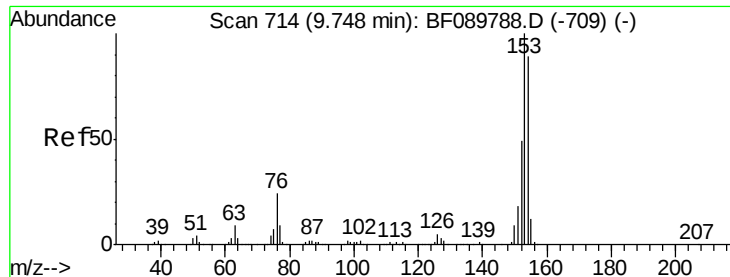
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#50
2,6-Dinitrotoluene
Concen: 41.34 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.8	41.7	62.5#
89	36.5	44.6	67.0#





#51

Acenaphthene

Concen: 41.99 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:154 Resp: 2957460

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

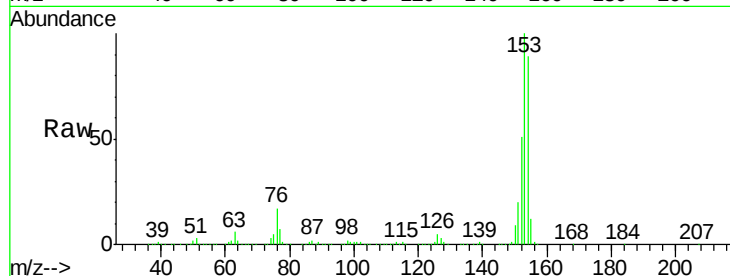
152 57.1 44.6 67.0

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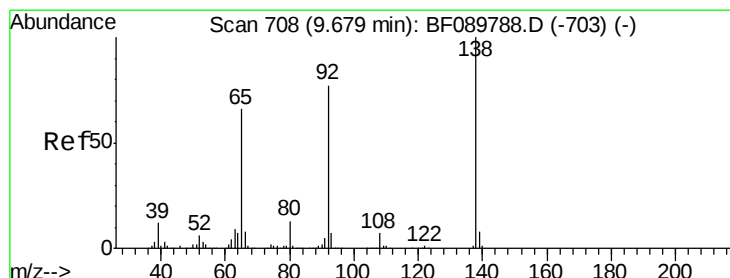
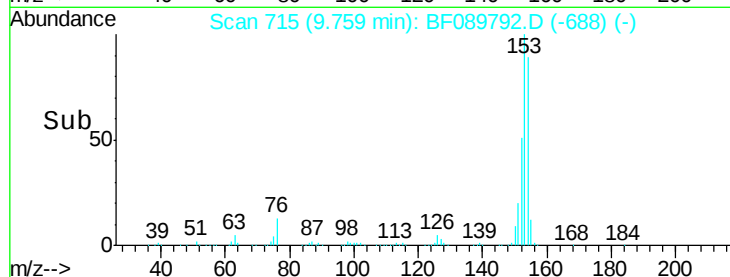
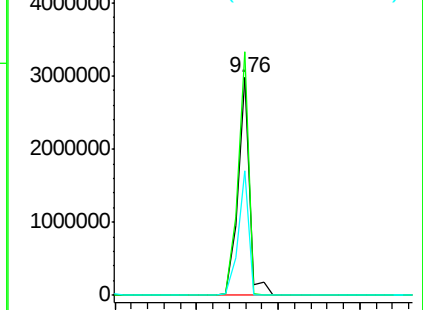
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.39 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

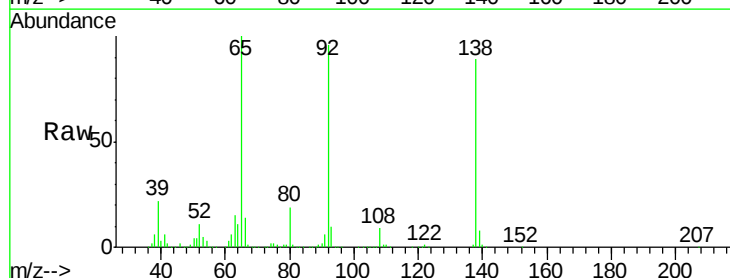
Tgt Ion:138 Resp: 904607

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

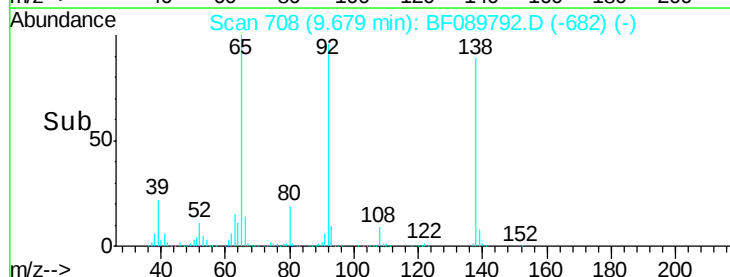
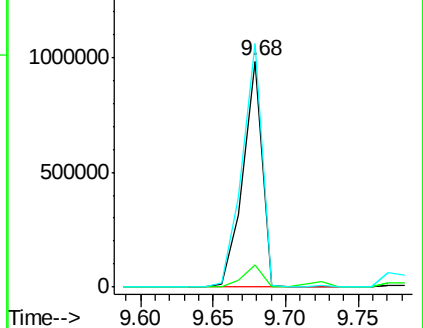
92 107.8 92.7 139.1

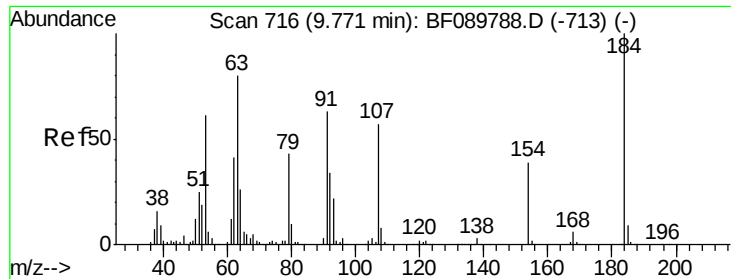


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





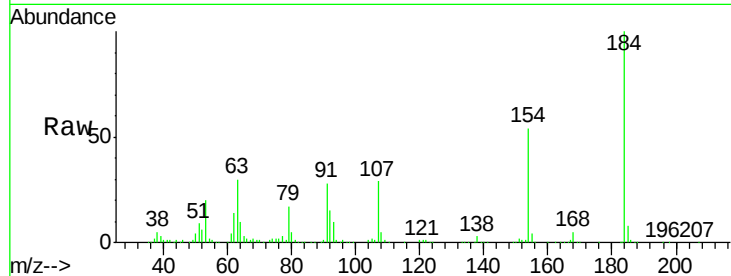
#53
2,4-Dinitrophenol
Concen: 41.88 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

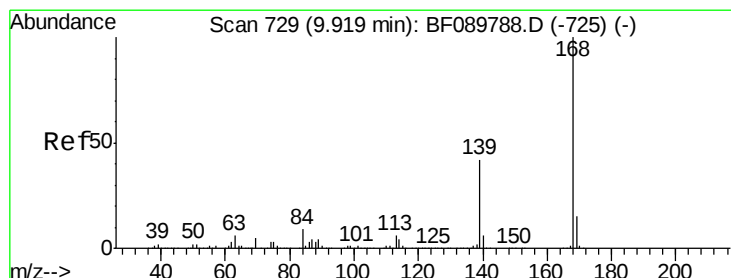
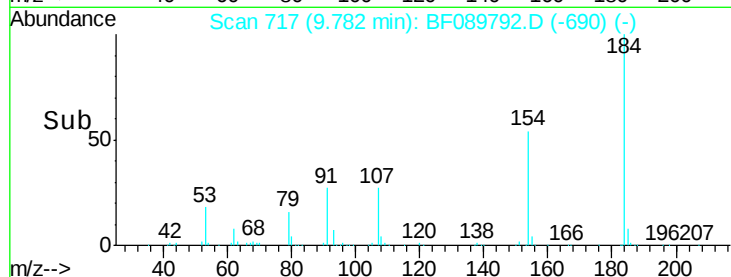
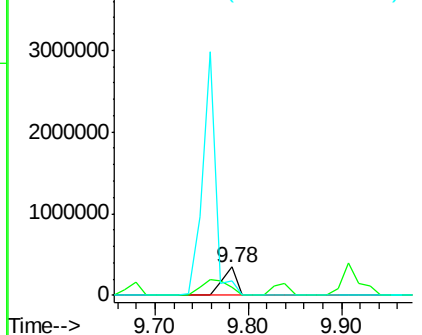
Tgt Ion	Ratio	Lower	Upper
184	100		
63	29.6	54.2	81.4#
154	53.8	52.7	79.1

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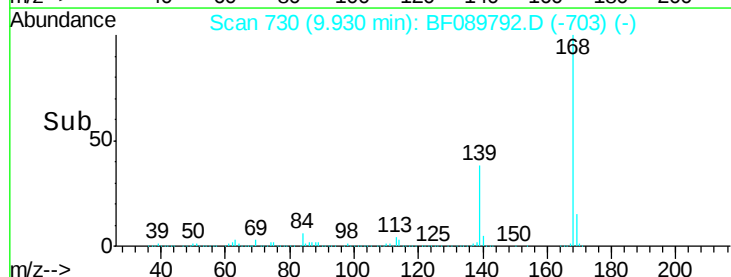
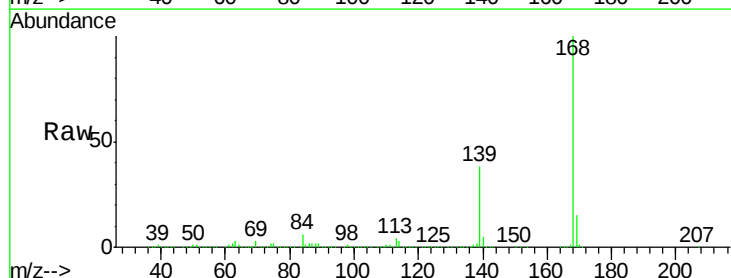
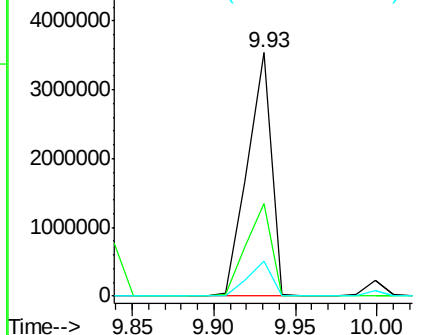
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

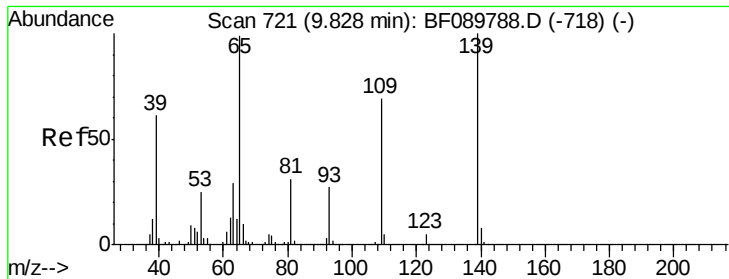


#54
Dibenzofuran
Concen: 40.86 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	34.6	52.0
169	14.6	11.5	17.3

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





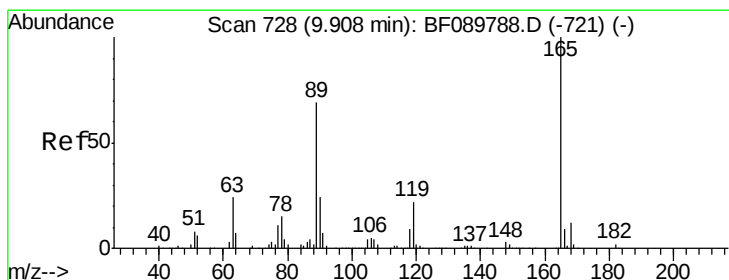
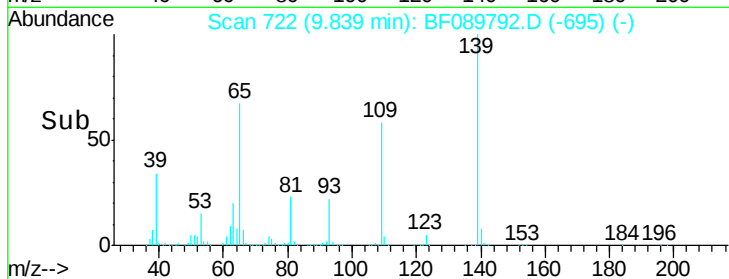
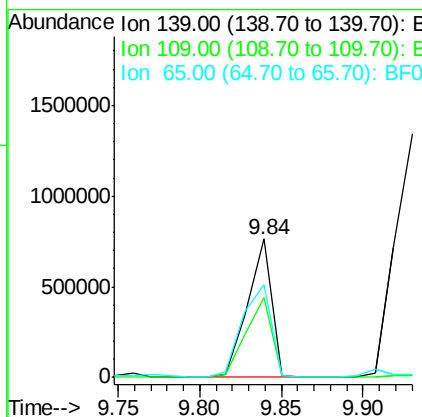
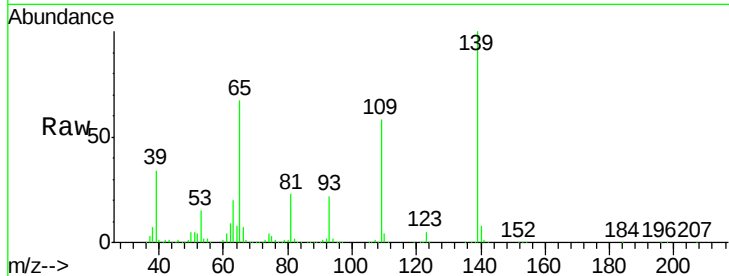
#55
4-Nitrophenol
Concen: 46.12 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	784831		
109	58.1	43.0	83.0	
65	67.1	55.7	95.7	

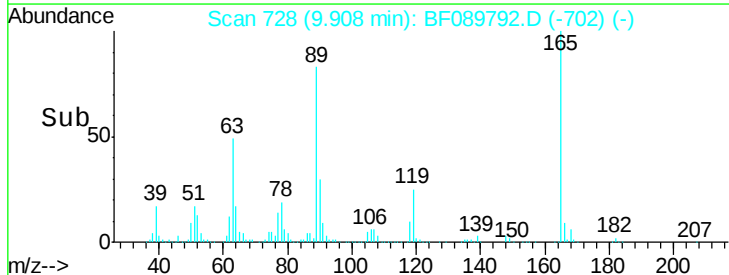
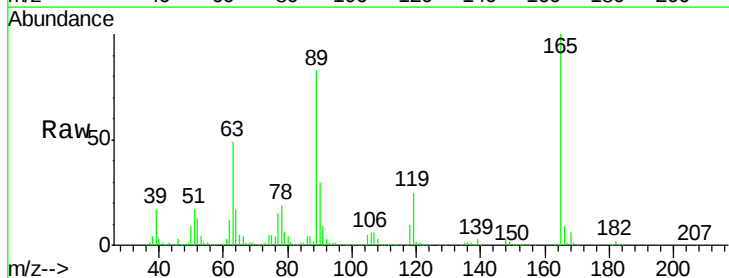
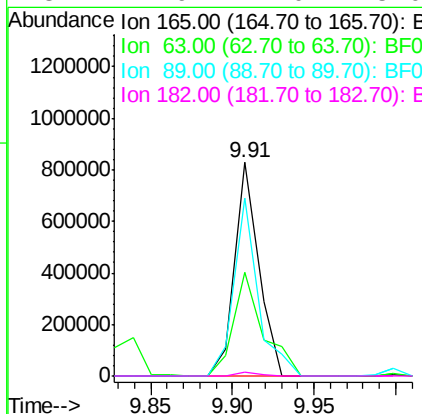
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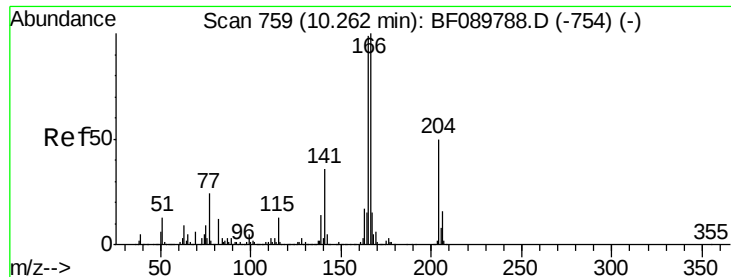
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#56
2,4-Dinitrotoluene
Concen: 34.35 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	838824		
63	48.7	23.7	35.5#	
89	83.3	44.0	66.0#	
182	1.9	2.0	3.0#	





#57

Fluorene

Concen: 41.15 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:166 Resp: 2900600

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

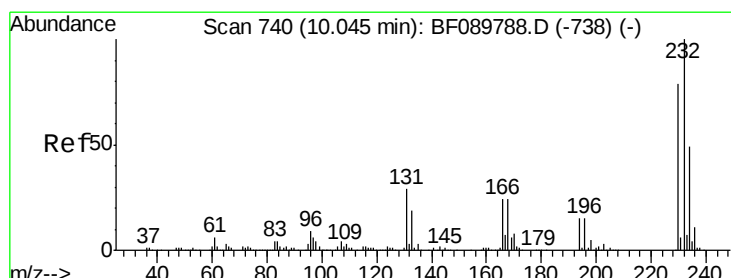
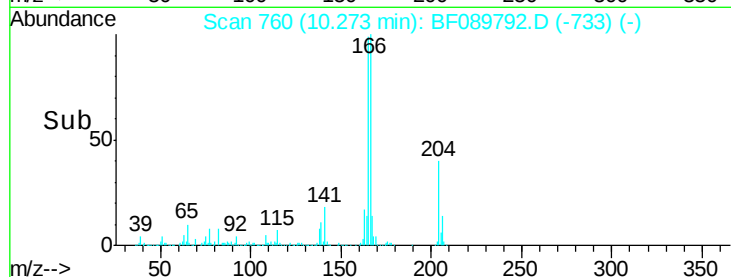
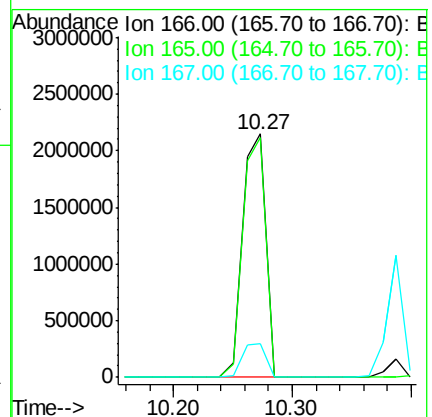
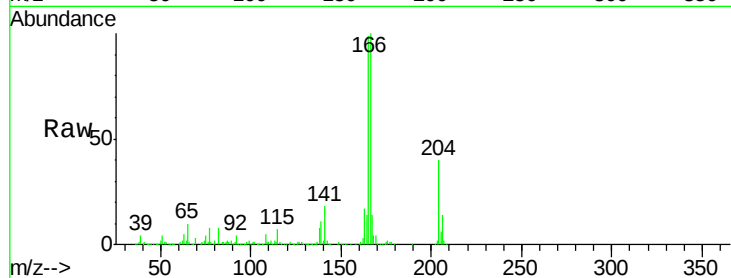
167 13.7 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.21 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:232 Resp: 703481

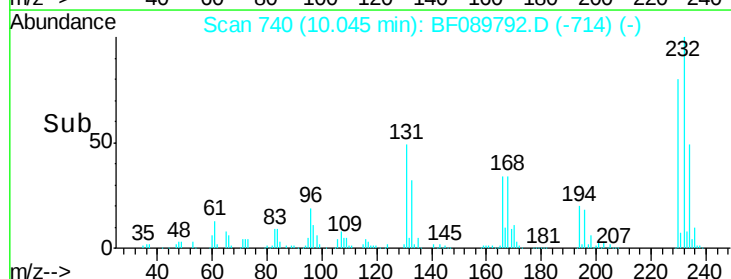
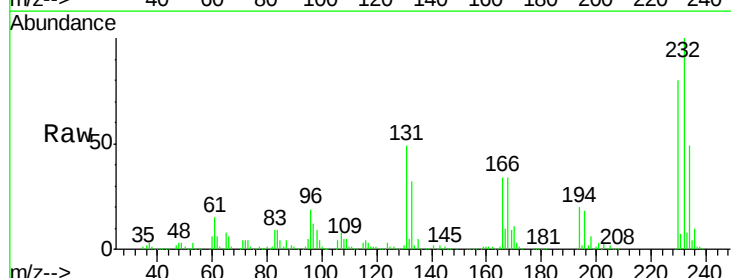
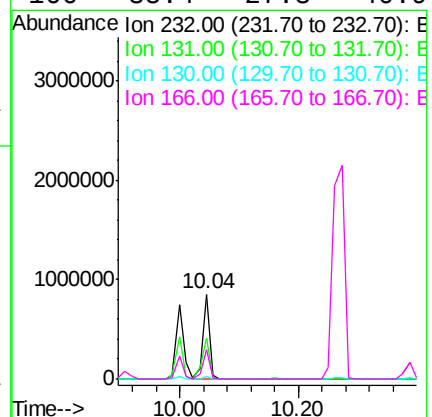
Ion Ratio Lower Upper

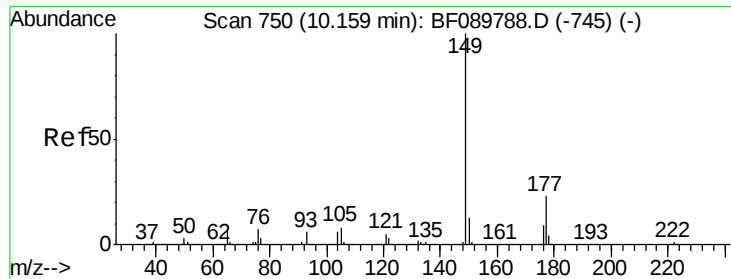
232 100

131 52.8 42.5 63.7

130 2.5 2.2 3.4

166 35.4 27.3 40.9





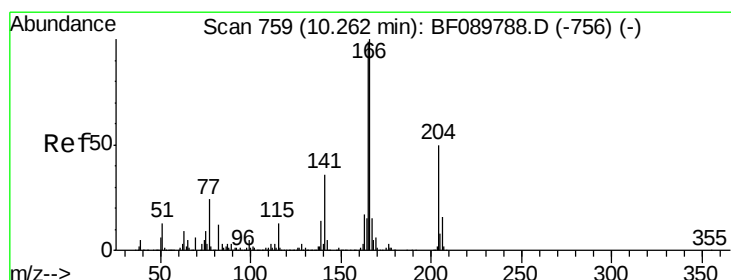
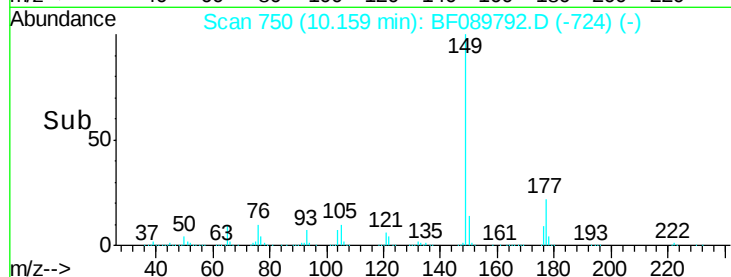
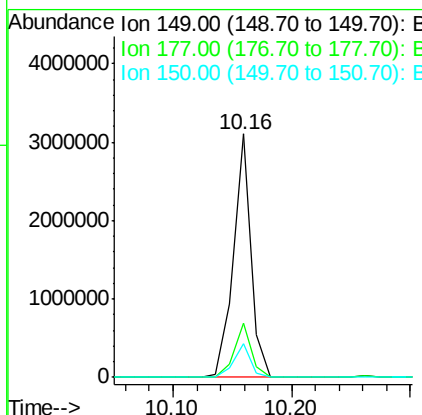
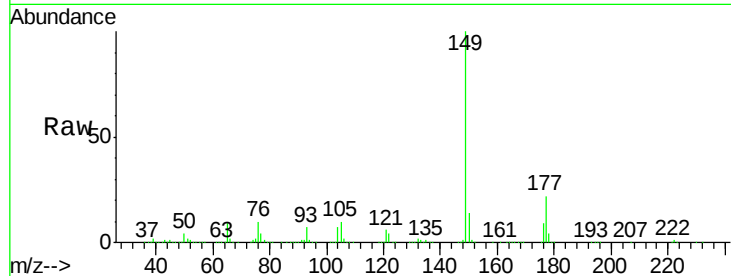
#59
Diethylphthalate
Concen: 38.37 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	25.0
150	13.6	10.5	15.7

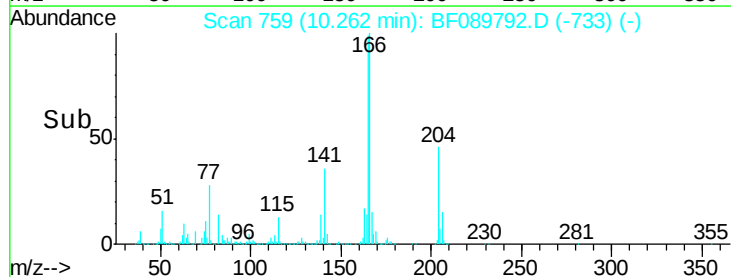
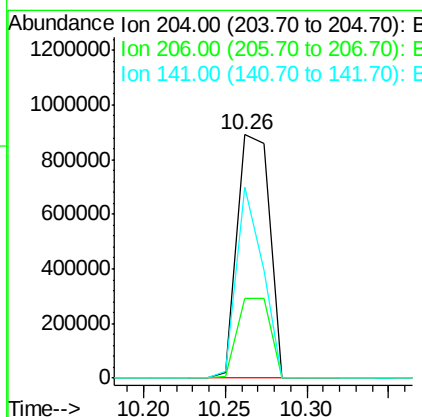
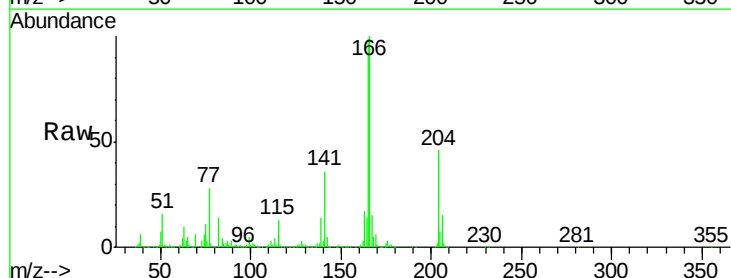
Manual Integrations
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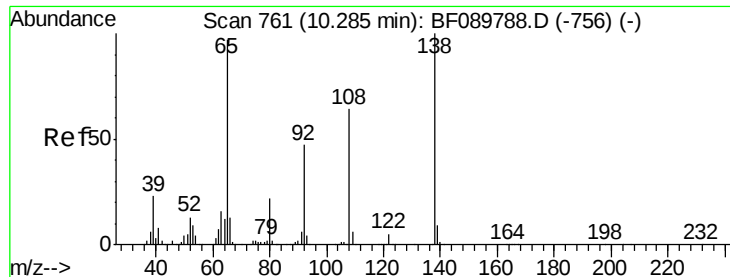
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 37.81 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	78.5	54.1	81.1





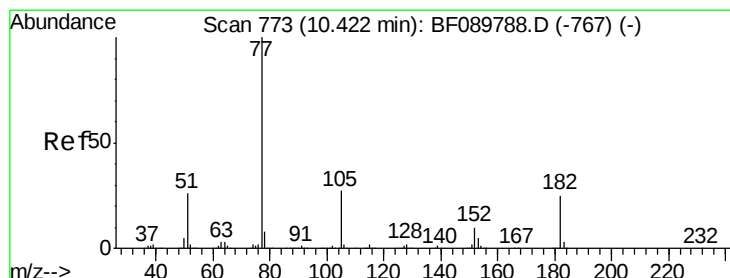
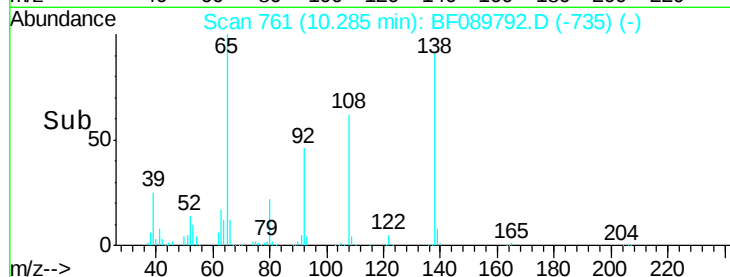
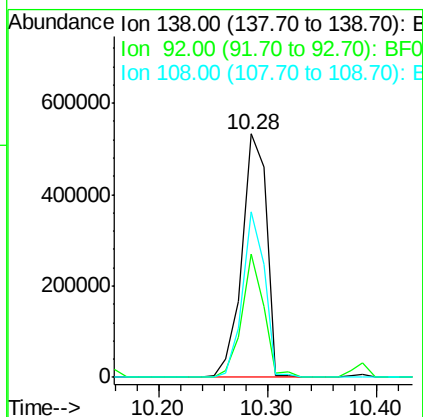
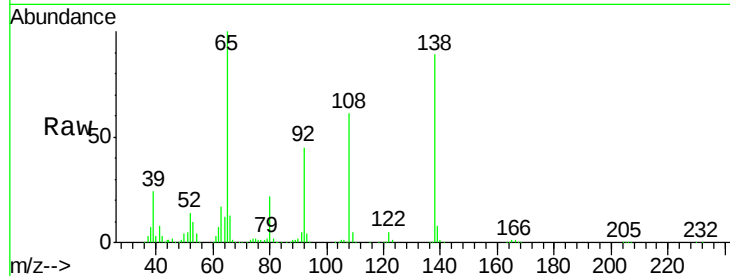
#61
4-Nitroaniline
Concen: 42.65 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	26.4	66.4
108	68.2	47.0	87.0

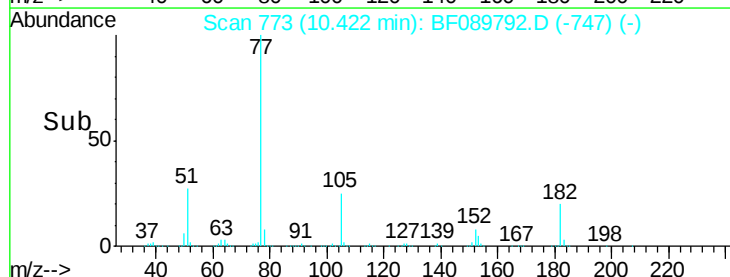
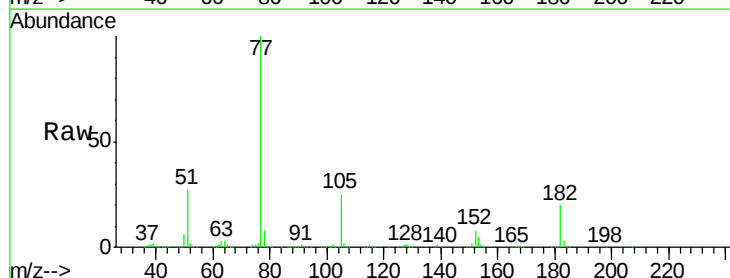
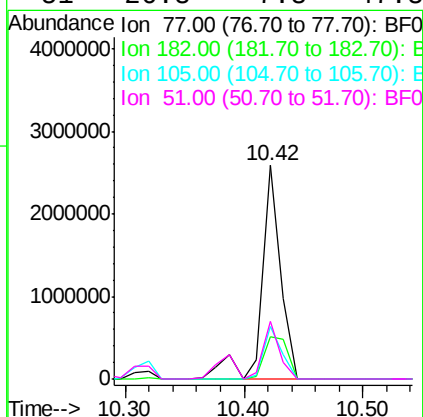
Manual Integrations
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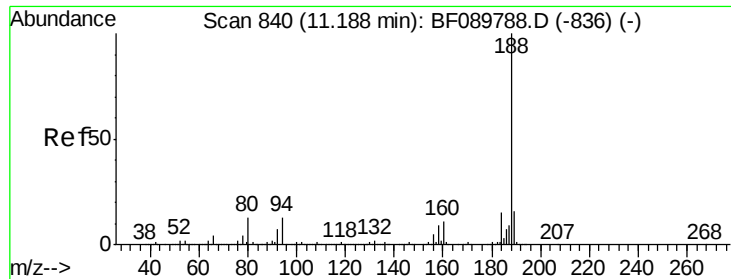
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#62
Azobenzene
Concen: 37.52 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	5.6	45.6
105	24.8	4.0	44.0
51	26.8	7.8	47.8





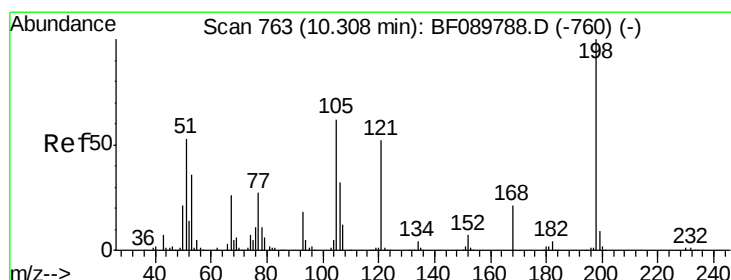
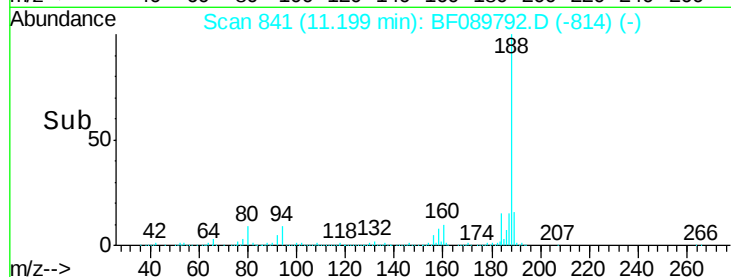
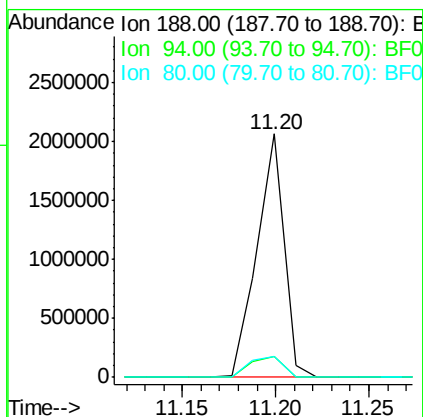
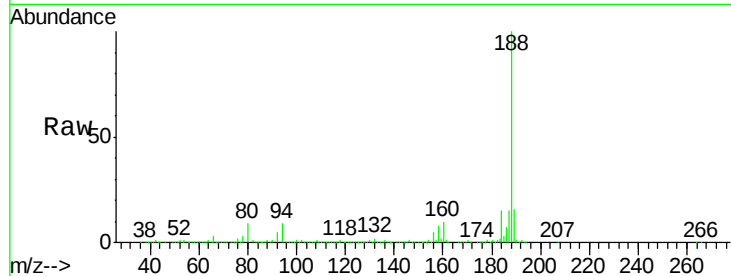
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.2	15.2#
80	8.7	10.9	16.3#

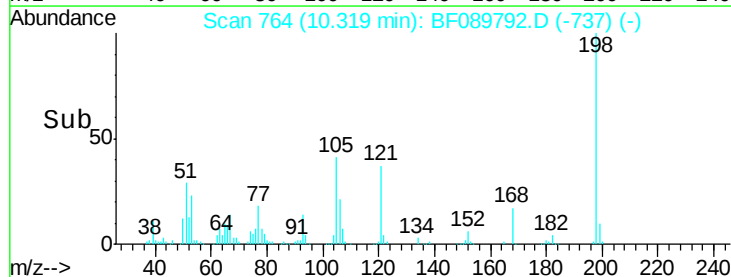
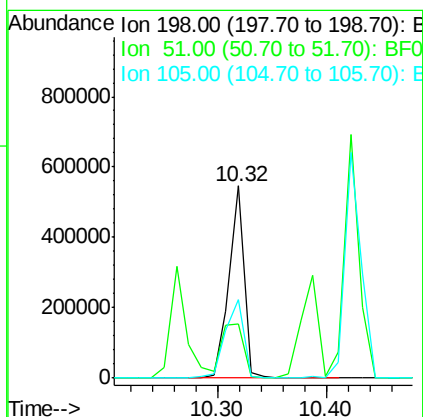
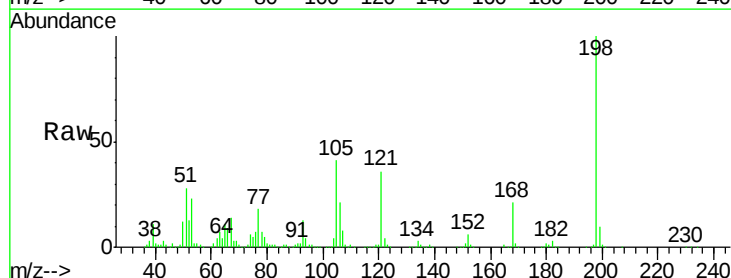
Manual Integrations
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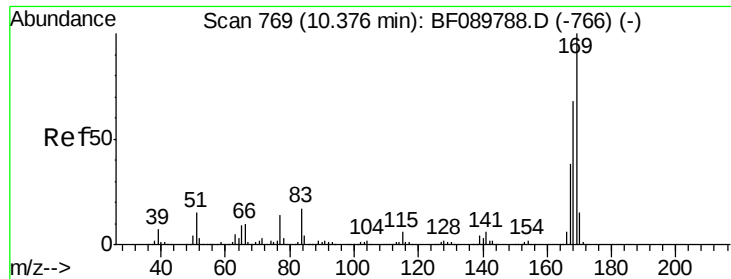
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.05 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	28.4	32.3	72.3#
105	40.8	32.9	72.9





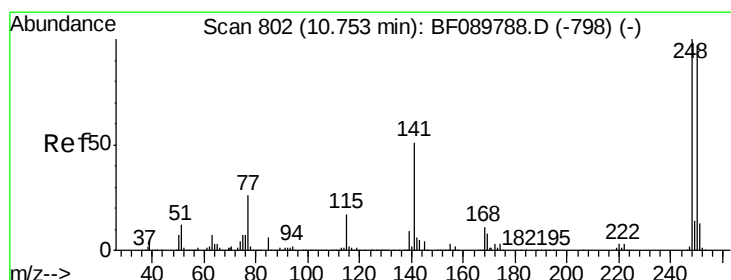
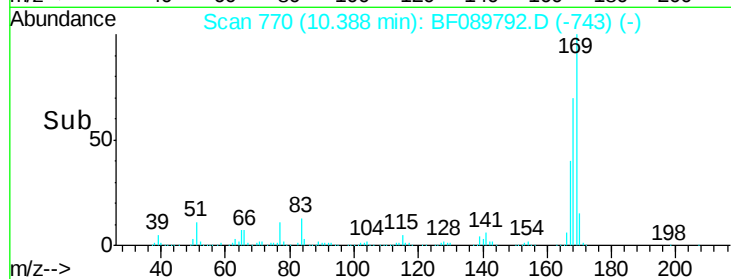
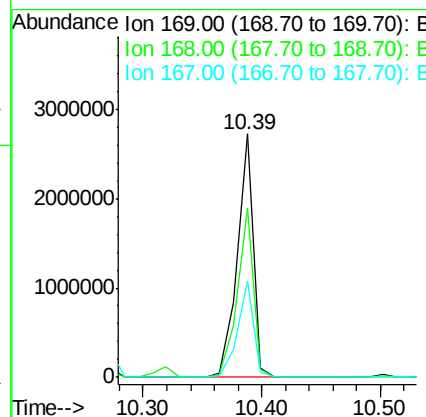
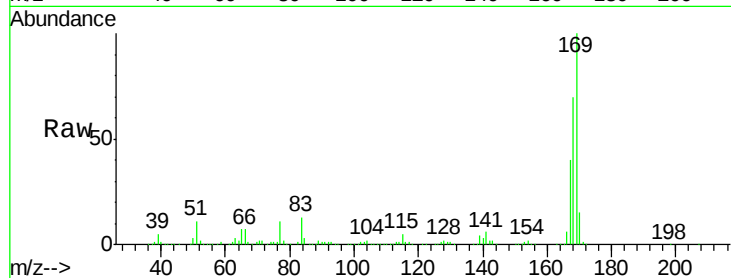
#65
n-Nitrosodiphenylamine
Concen: 39.04 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion:169 Resp: 2548537
Ion Ratio Lower Upper
169 100
168 69.7 54.6 82.0
167 39.6 30.6 45.8

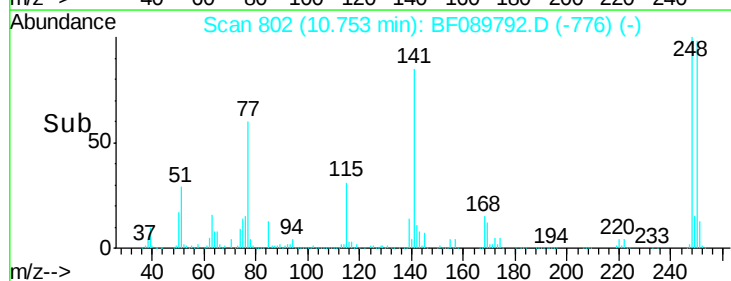
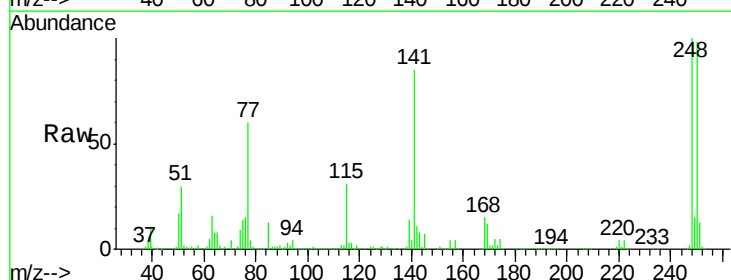
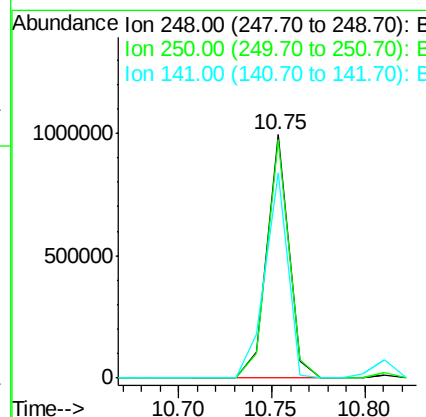
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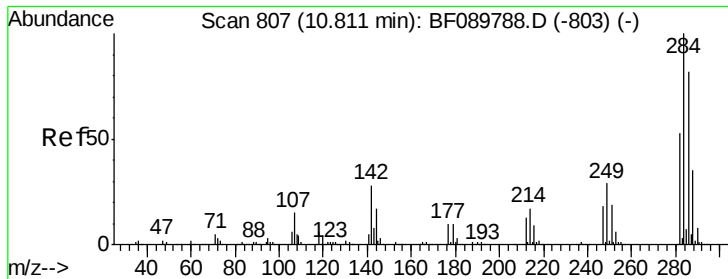
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#66
4-Bromophenyl-phenylether
Concen: 37.01 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:248 Resp: 805571
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 84.5 31.4 47.2#





#67

Hexachlorobenzene

Concen: 34.92 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

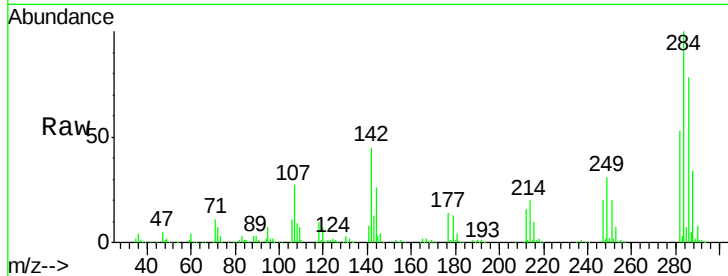
ClientSampleId :

ICVBF081916

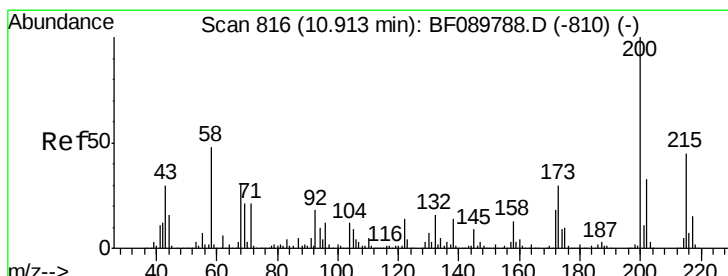
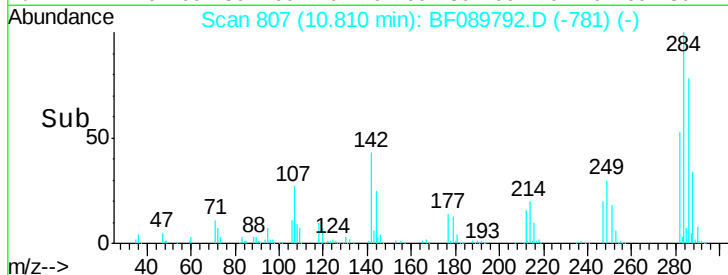
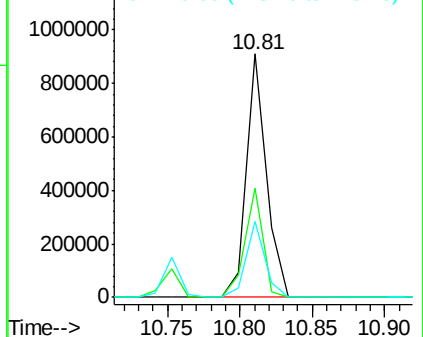
Tgt Ion:	284	Resp:	867276
Ion Ratio	Lower	Upper	
284	100		
142	44.6	17.4	26.2#
249	31.3	22.8	34.2

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



#68

Atrazine

Concen: 38.48 ng

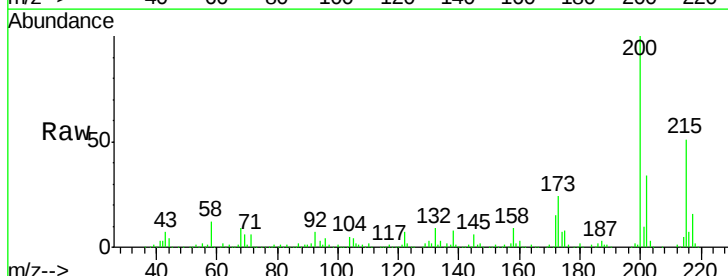
RT: 10.92 min Scan# 817

Delta R.T. 0.01 min

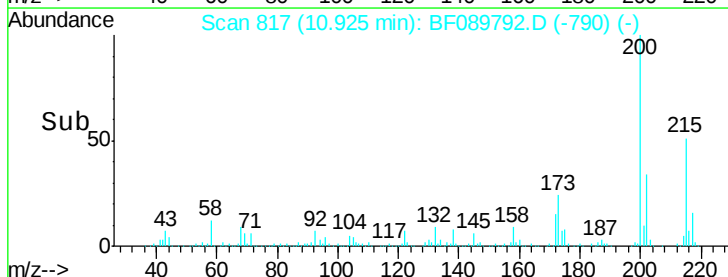
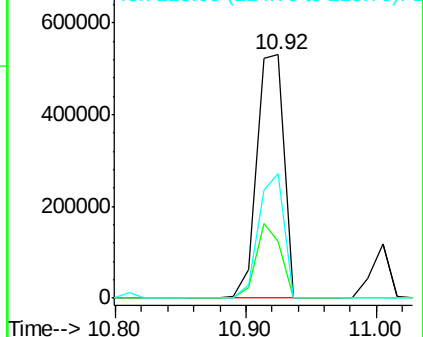
Lab File: BF089792.D

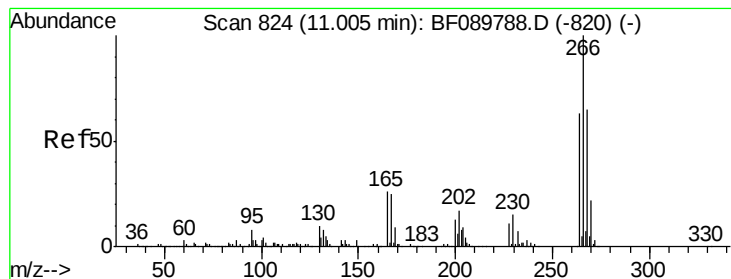
Acq: 19 Aug 2016 13:42

Tgt Ion:	200	Resp:	769362
Ion Ratio	Lower	Upper	
200	100		
173	23.5	6.6	46.6
215	51.2	24.7	64.7



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





#69

Pentachlorophenol

Concen: 43.45 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

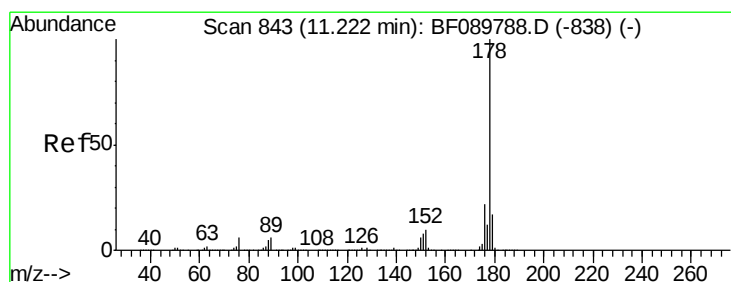
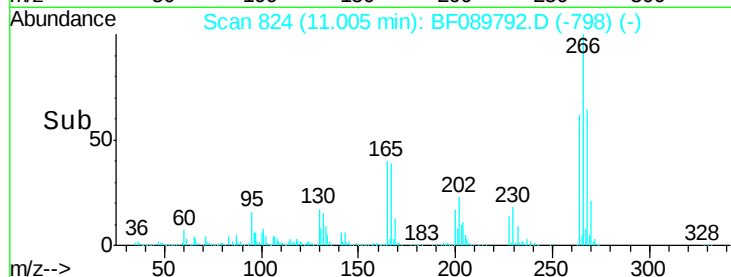
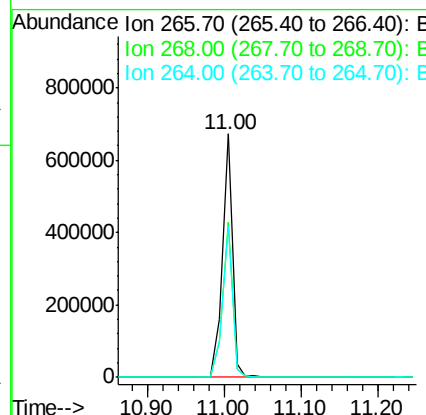
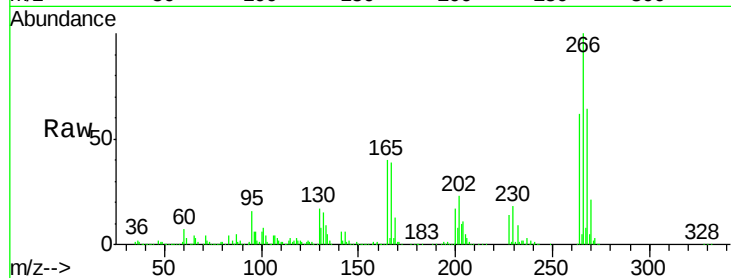
ClientSampleId :

ICVBF081916

Tgt Ion:	266	Resp:	611626
Ion Ratio		Lower	Upper
266	100		
268	63.9	53.2	79.8
264	62.1	51.1	76.7

Manual Integrations
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#70

Phenanthrene

Concen: 35.45 ng

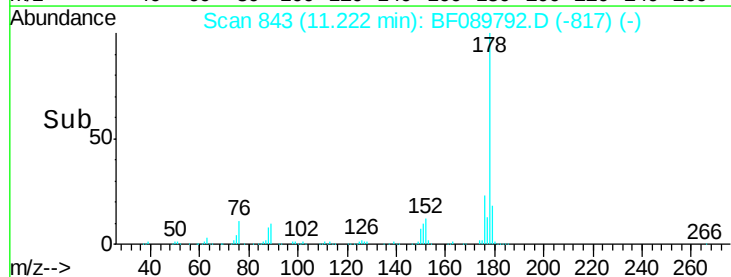
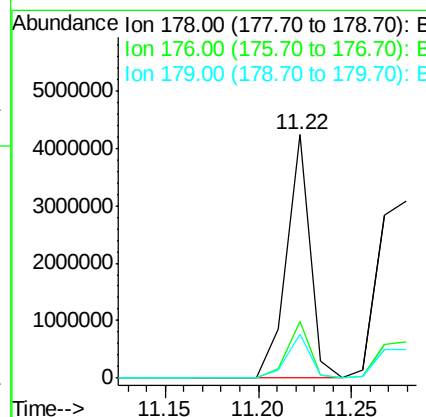
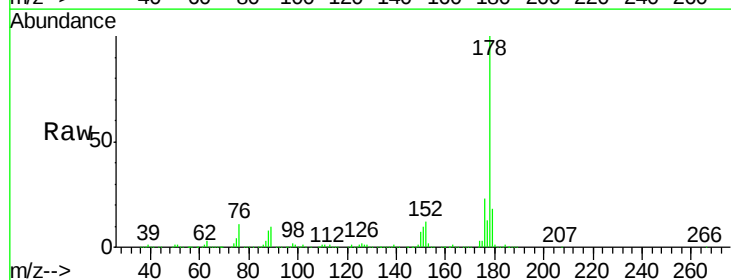
RT: 11.22 min Scan# 843

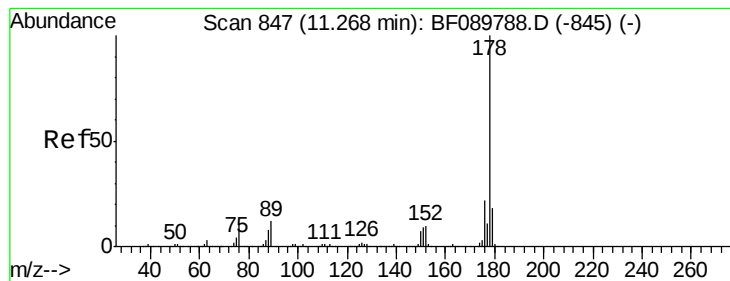
Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:	178	Resp:	3717531
Ion Ratio		Lower	Upper
178	100		
176	23.1	16.4	24.6
179	17.9	12.5	18.7





#71

Anthracene

Concen: 39.14 ng

RT: 11.28 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:178 Resp: 4171868

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

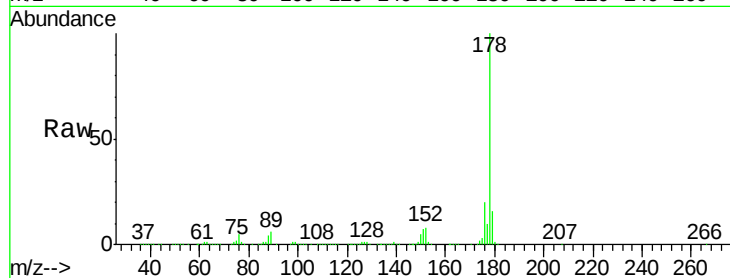
179 16.3 13.1 19.7

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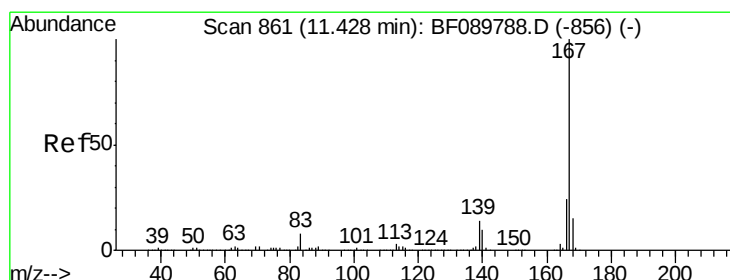
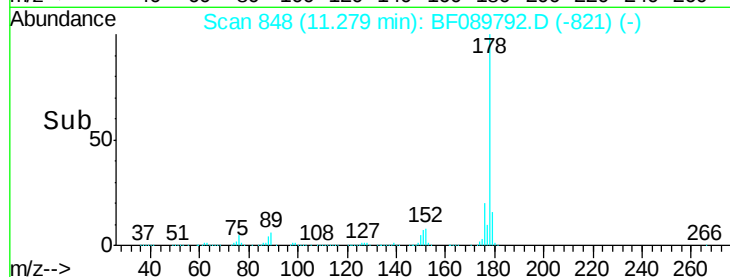
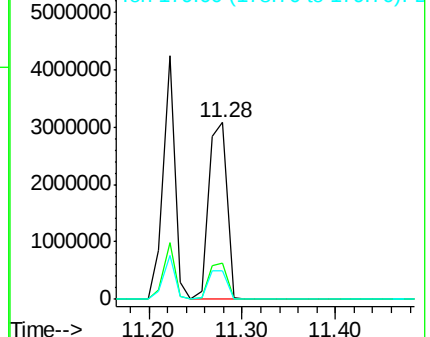
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.56 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

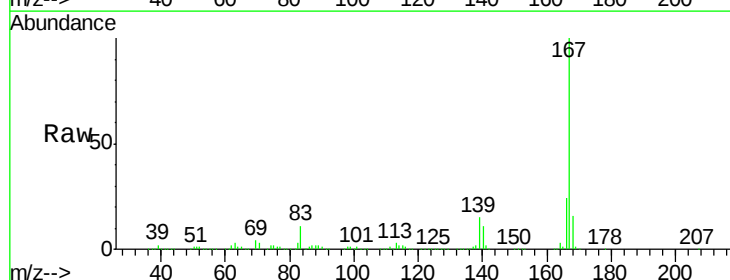
Tgt Ion:167 Resp: 3303992

Ion Ratio Lower Upper

167 100

166 24.1 17.9 26.9

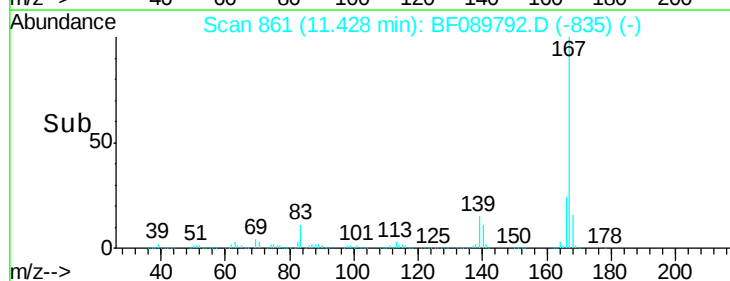
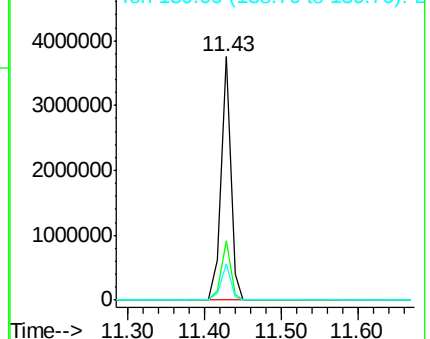
139 15.0 12.4 18.6

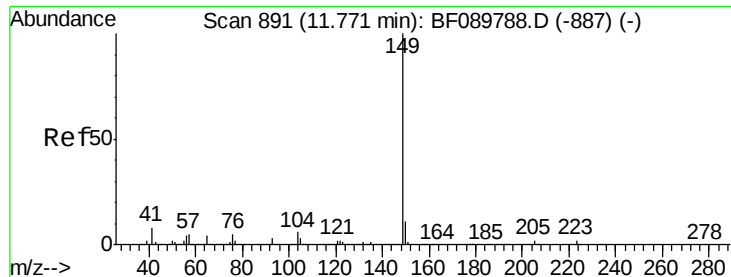


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.97 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:149 Resp: 4662059

Ion Ratio Lower Upper

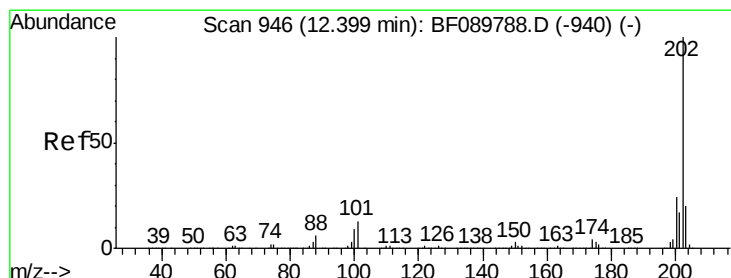
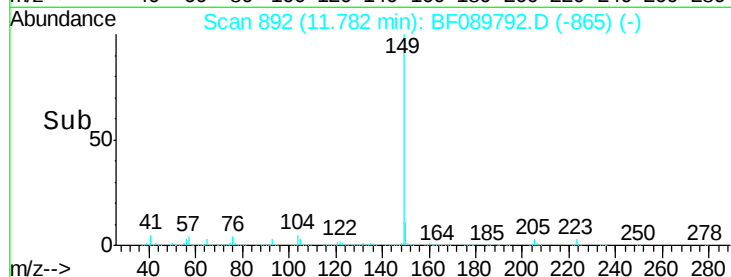
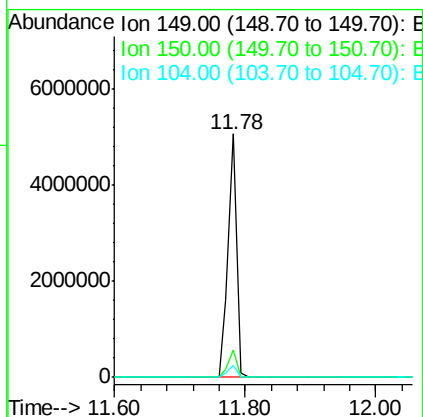
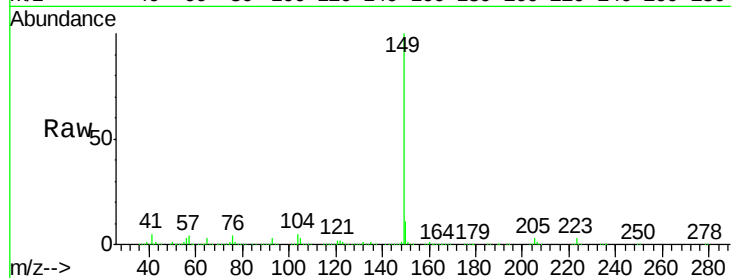
149 100

150 11.4 7.9 11.9

104 5.2 4.3 6.5

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#74

Fluoranthene

Concen: 35.56 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

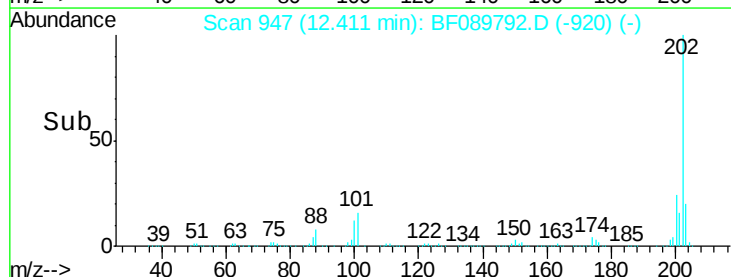
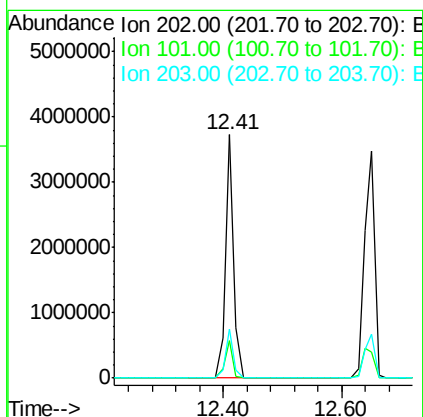
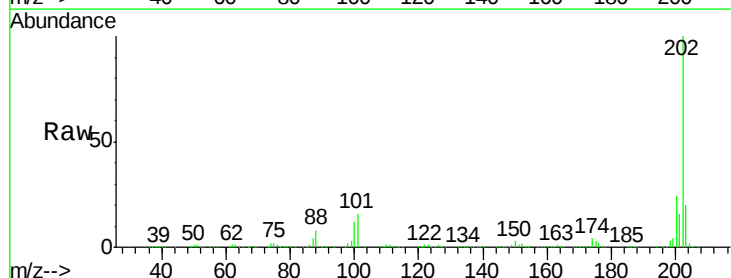
Tgt Ion:202 Resp: 3547478

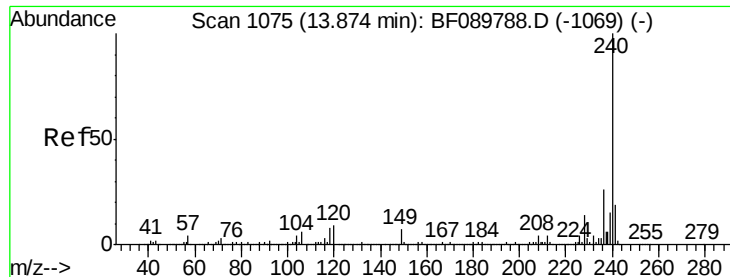
Ion Ratio Lower Upper

202 100

101 15.6 0.0 31.2

203 19.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.08 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

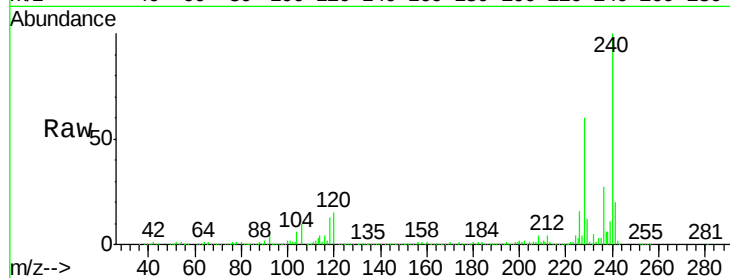
ClientSampleId :

ICVBF081916

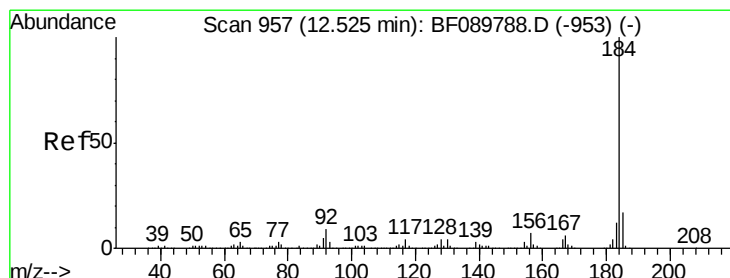
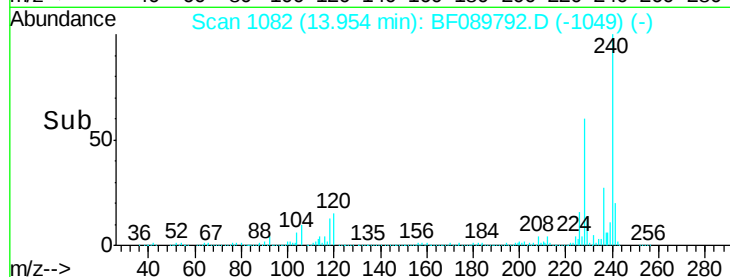
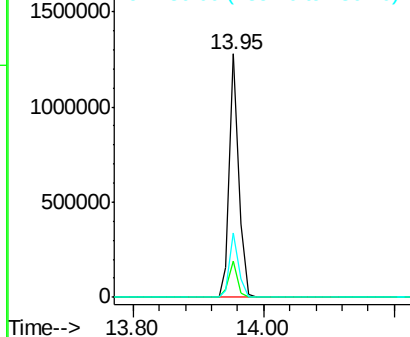
Tgt Ion:240 Resp: 1274507
 Ion Ratio Lower Upper
 240 100
 120 14.7 8.3 12.5#
 236 26.5 21.3 31.9

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



#76

Benzidine

Concen: 43.95 ng

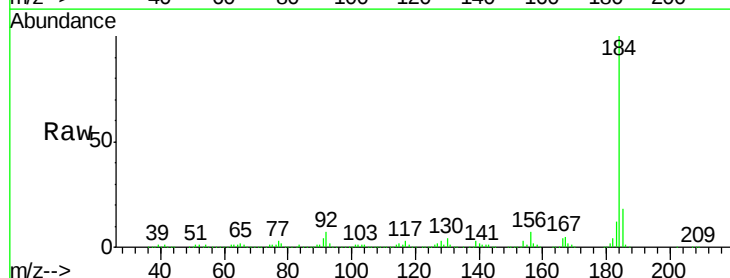
RT: 12.55 min Scan# 959

Delta R.T. 0.02 min

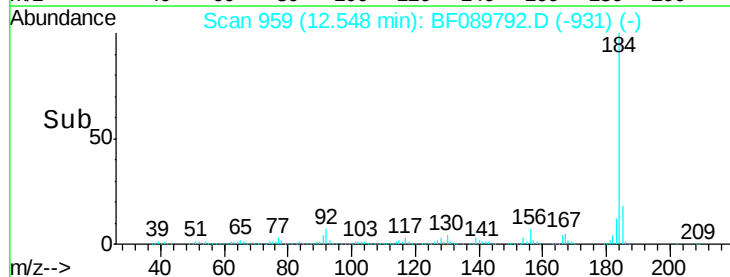
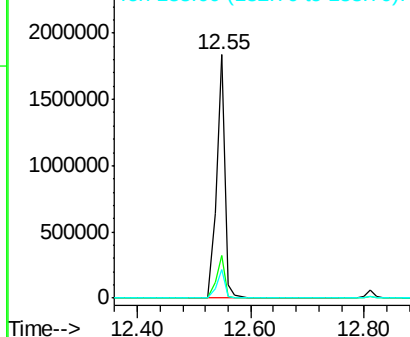
Lab File: BF089792.D

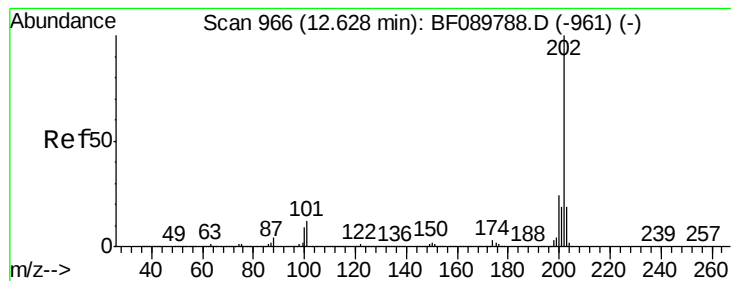
Acq: 19 Aug 2016 13:42

Tgt Ion:184 Resp: 1812731
 Ion Ratio Lower Upper
 184 100
 185 17.8 13.8 20.8
 183 11.7 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: 39.32 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:202 Resp: 4080449

Ion Ratio Lower Upper

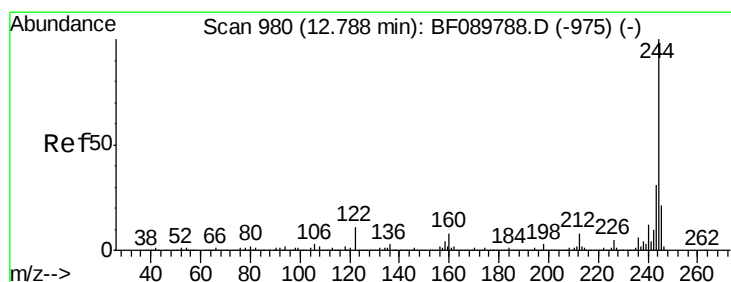
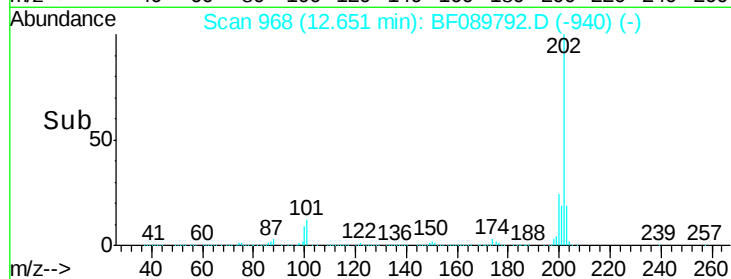
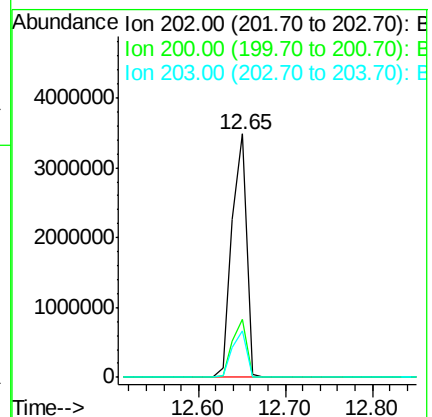
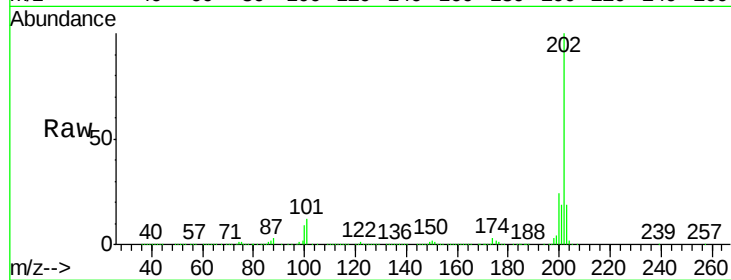
202 100

200 23.6 17.8 26.6

203 19.0 14.2 21.4

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#78

Terphenyl-d14

Concen: 68.40 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

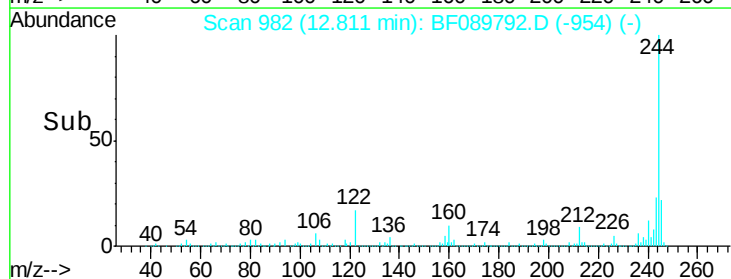
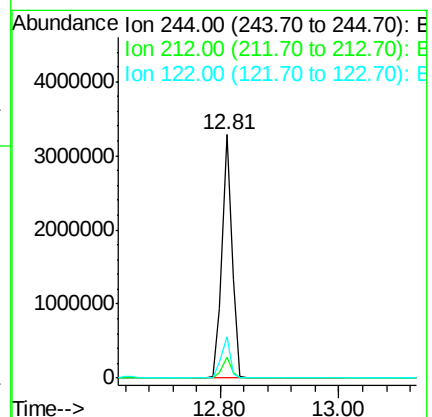
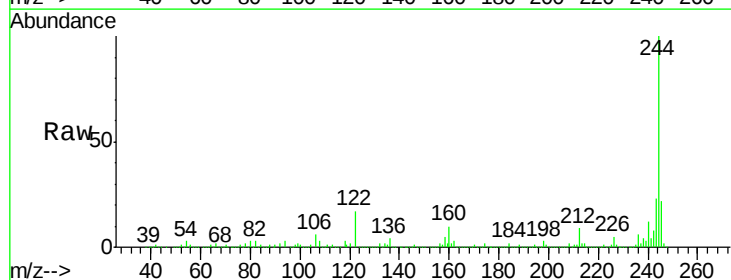
Tgt Ion:244 Resp: 3853255

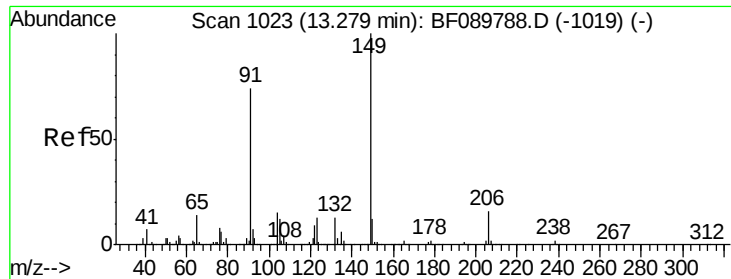
Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

122 17.0 12.0 18.0





#79

Butylbenzylphthalate

Concen: 41.64 ng

RT: 13.34 min Scan# 1028

Delta R.T. 0.06 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:149 Resp: 1951904

Ion Ratio Lower Upper

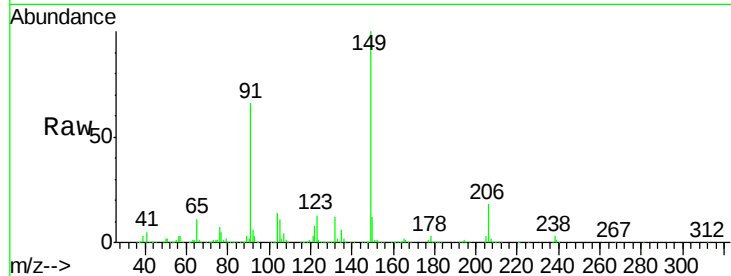
149 100

91 65.7 50.7 76.1

206 18.1 15.5 23.3

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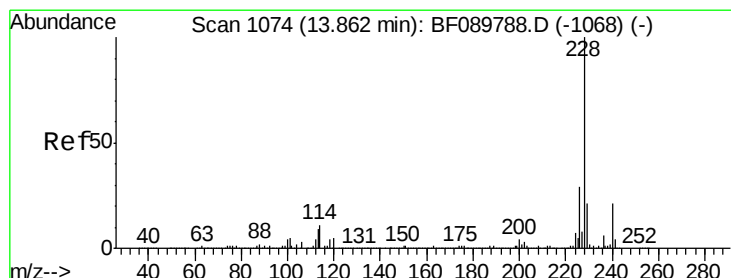
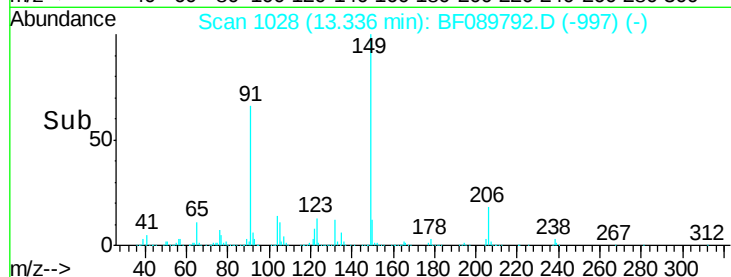
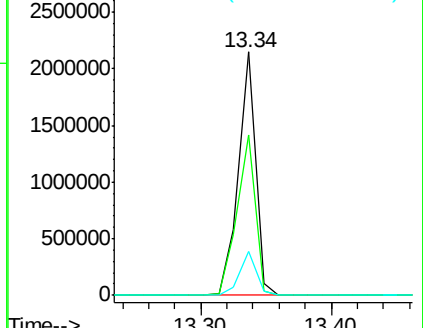
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.21 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.08 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

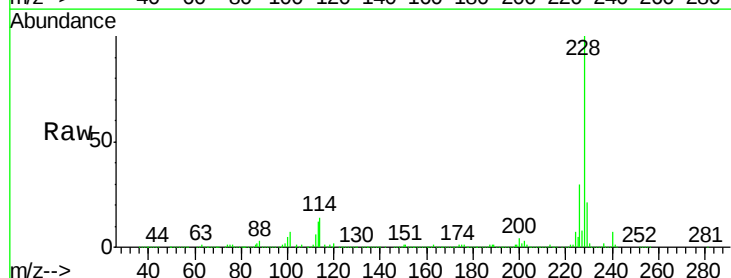
Tgt Ion:228 Resp: 2789148

Ion Ratio Lower Upper

228 100

226 29.6 23.2 34.8

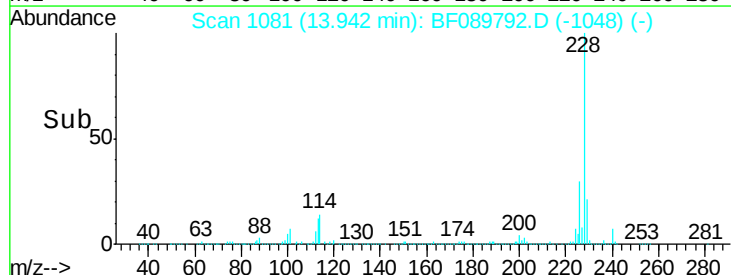
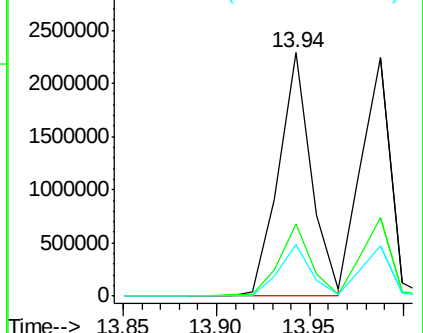
229 21.2 16.2 24.4

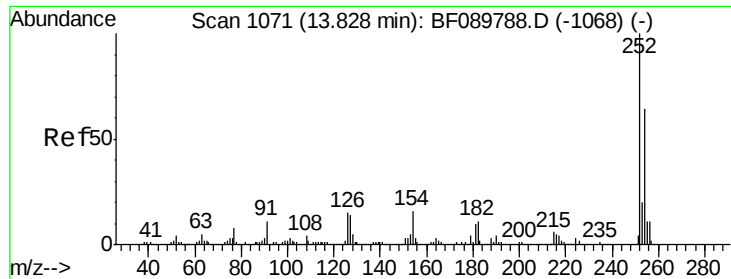


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





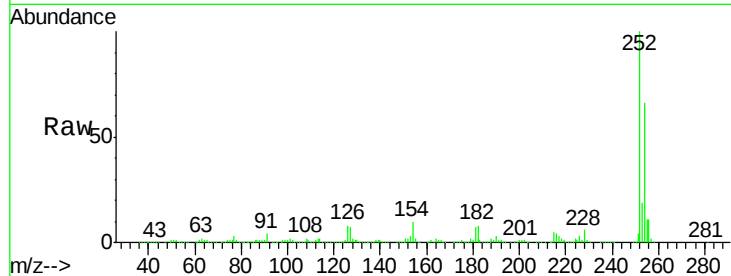
#81
 3,3'-Dichlorobenzidine
 Concen: 40.50 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.09 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

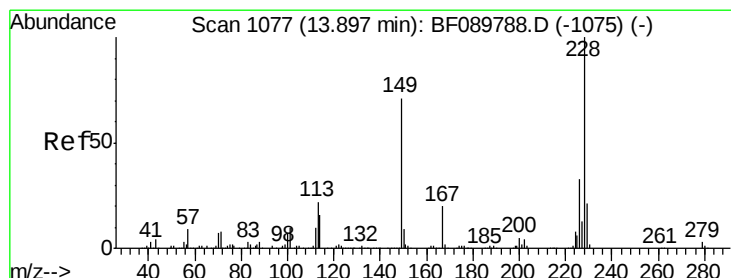
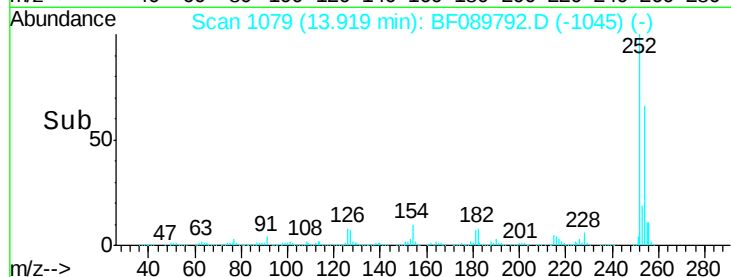
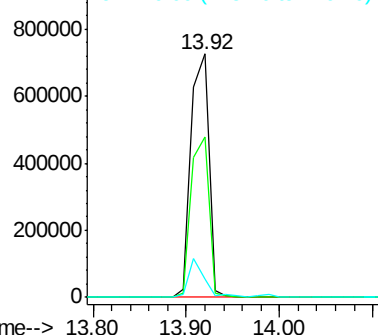
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	969029		
254	65.8	50.6	75.8	
126	7.5	12.6	18.8	

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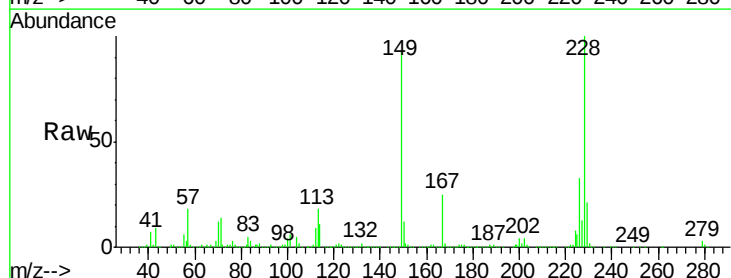


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

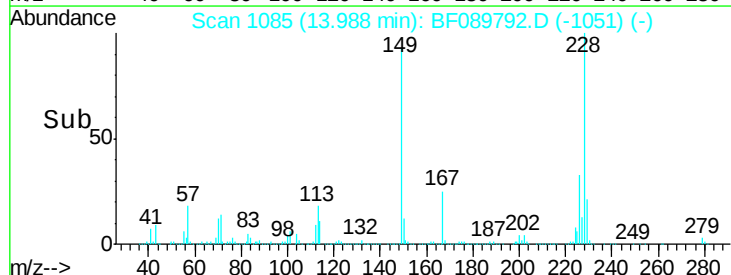
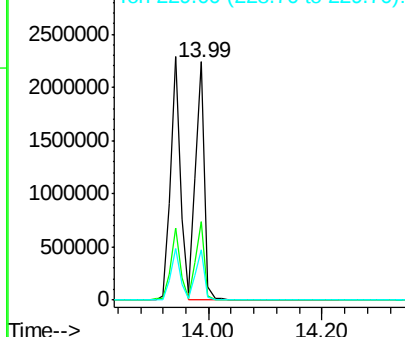


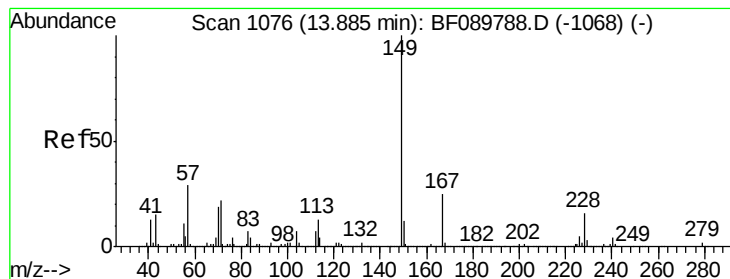
#82
 Chrysene
 Concen: 39.21 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.09 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2453332		
226	32.7	25.4	38.0	
229	20.9	16.5	24.7	



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.12 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.10 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tgt Ion:149 Resp: 2526040

Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

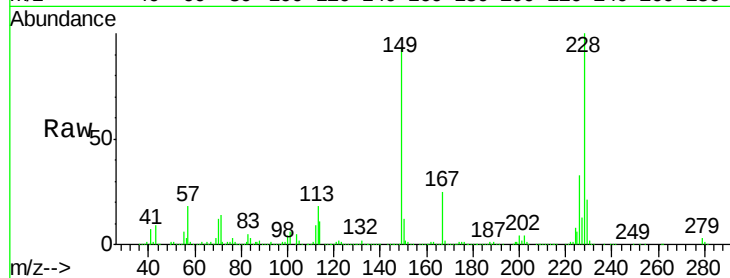
279 3.4 2.9 4.3

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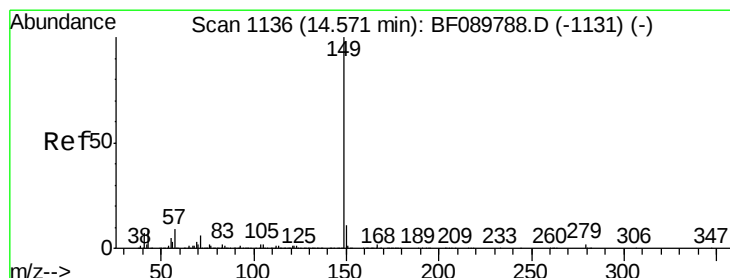
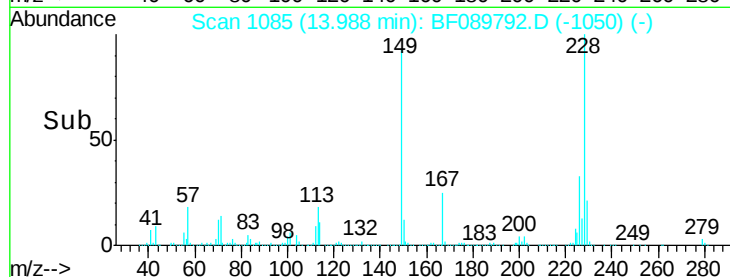
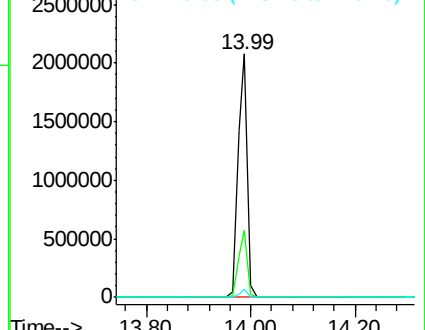
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.16 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.15 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

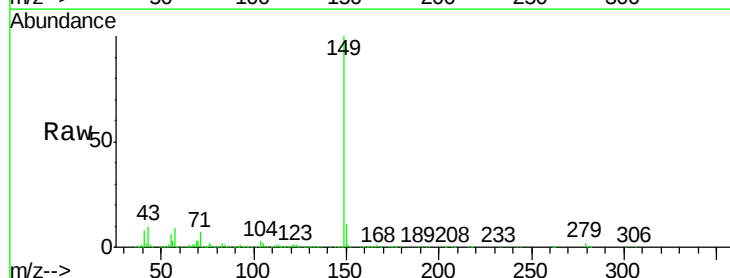
Tgt Ion:149 Resp: 3617490

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

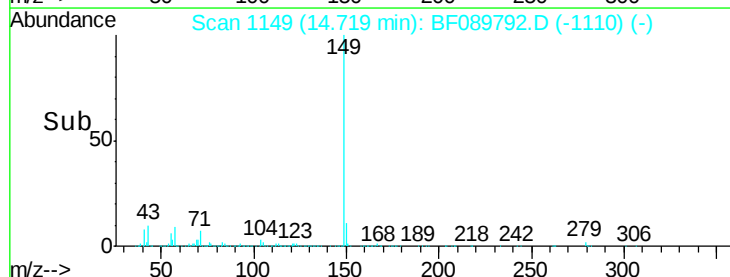
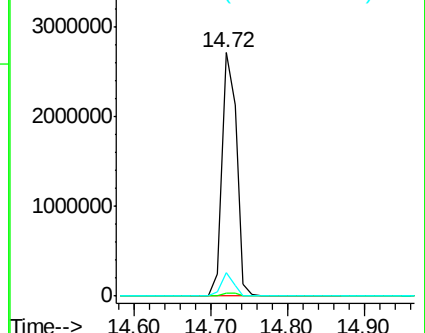
43 8.4 8.4 12.6#

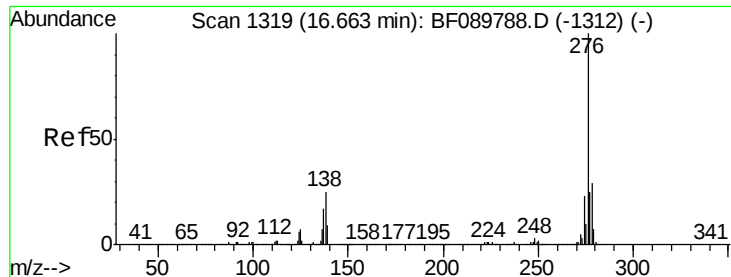


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





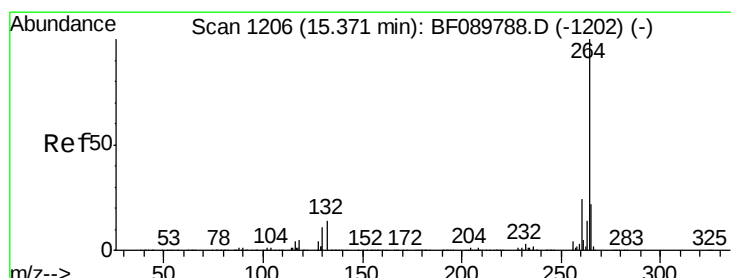
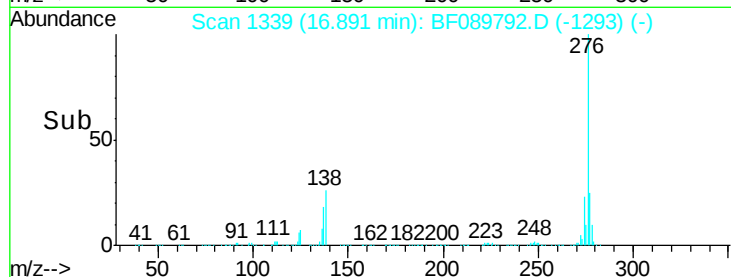
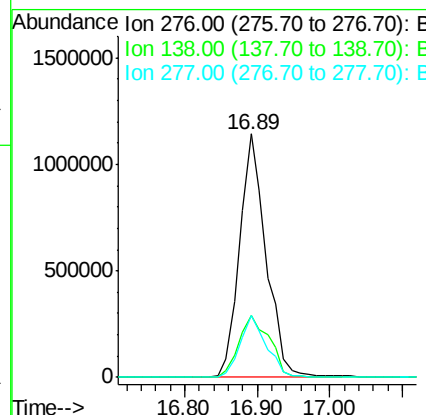
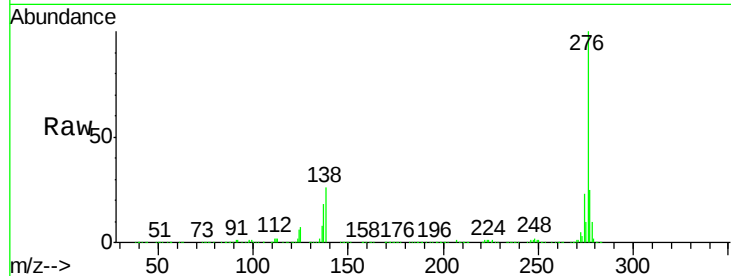
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.48 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.23 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.6	36.8
277	25.4	20.4	30.6

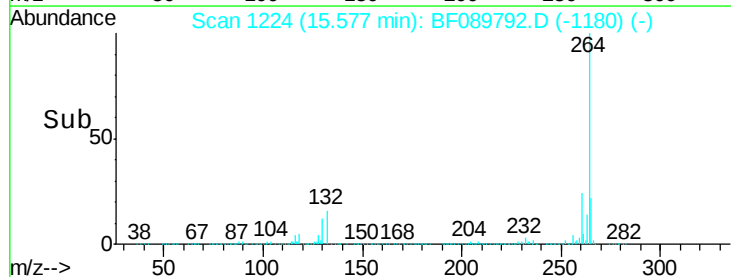
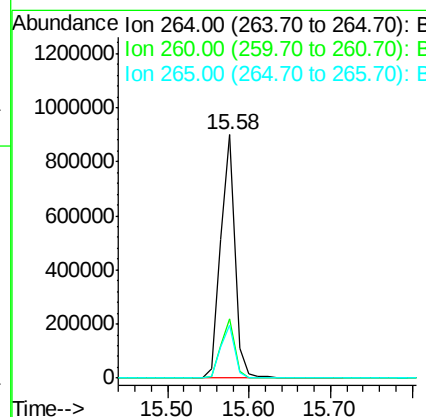
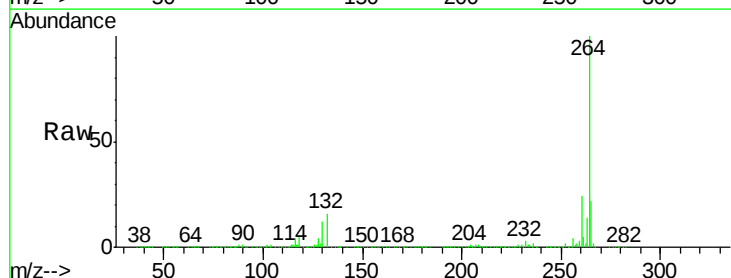
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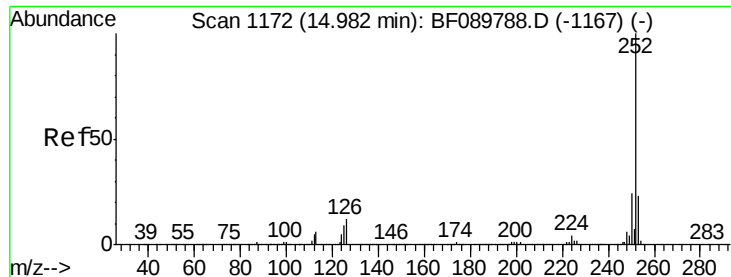
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1224
 Delta R.T. 0.21 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	21.8	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 38.14 ng

RT: 15.15 min Scan# 1187

Delta R.T. 0.17 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

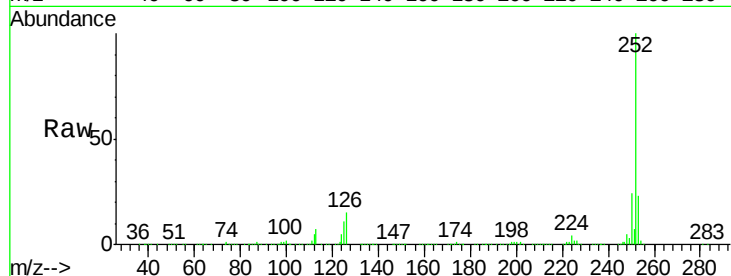
ClientSampleId :

ICVBF081916

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.1	11.4	17.2

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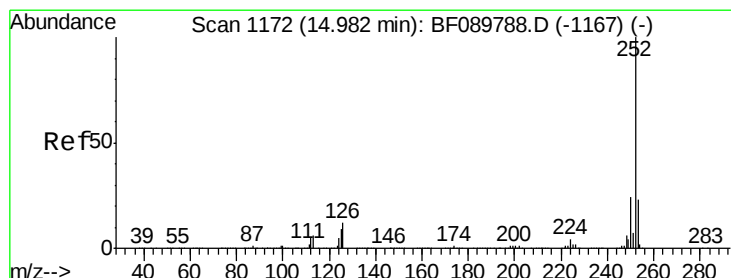
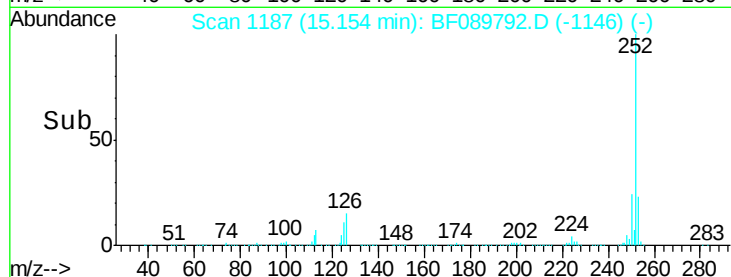
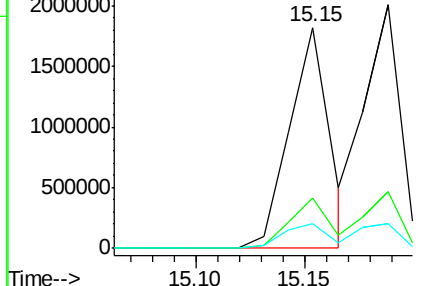
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.44 ng m

RT: 15.19 min Scan# 1190

Delta R.T. 0.18 min

Lab File: BF089792.D

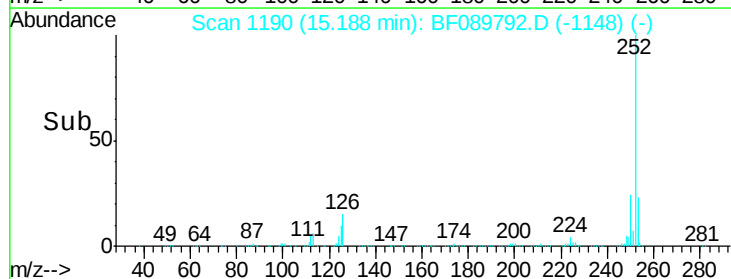
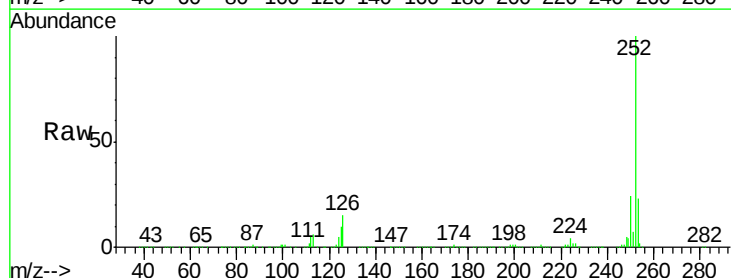
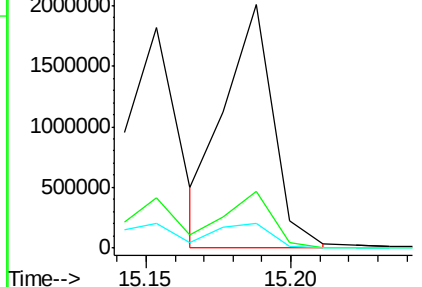
Acq: 19 Aug 2016 13:42

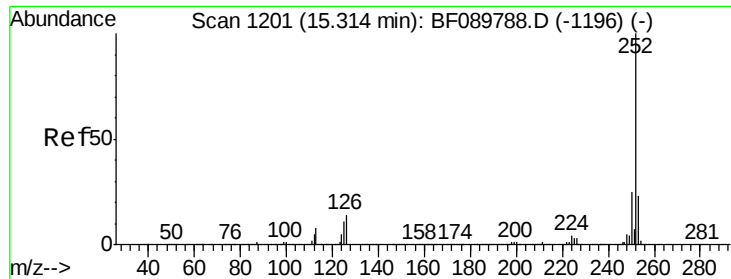
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.1	9.8	14.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





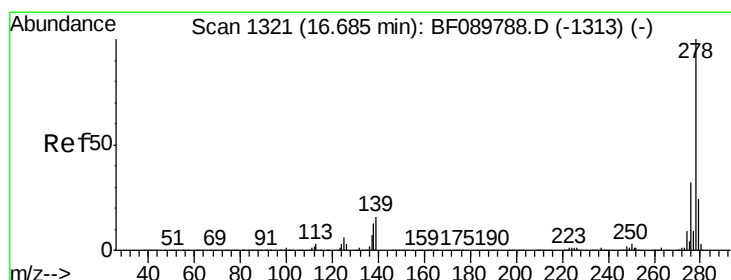
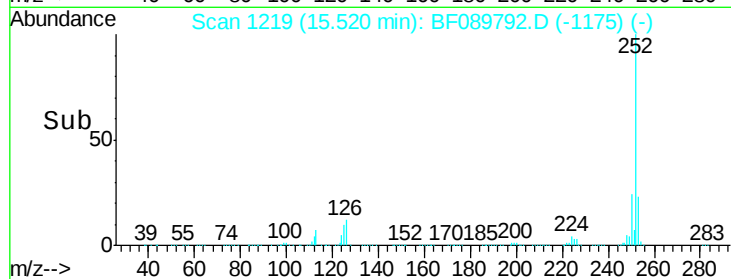
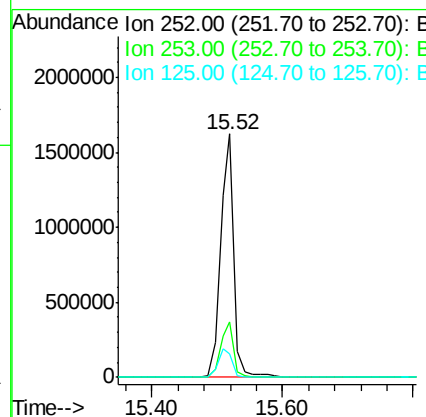
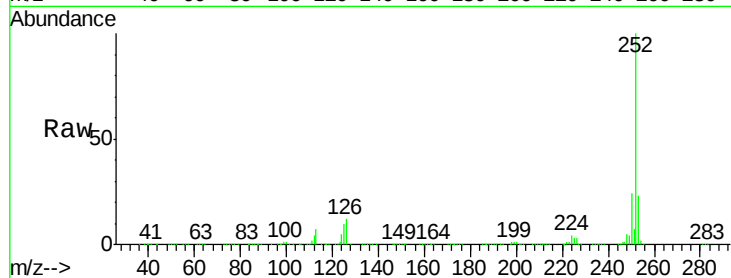
#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.52 min Scan# 1219
Delta R.T. 0.21 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.6	11.7	17.5

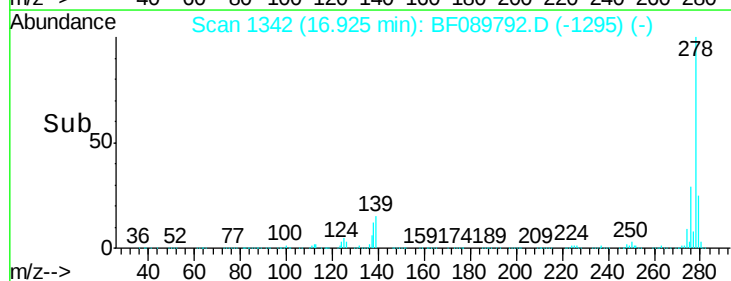
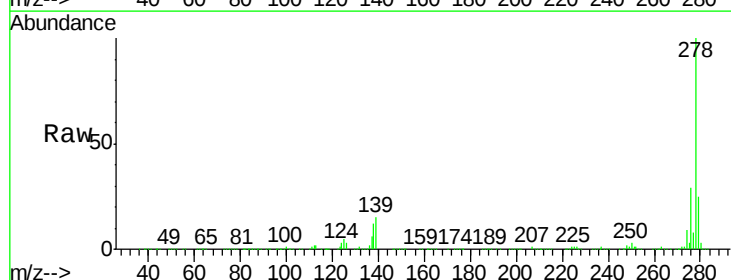
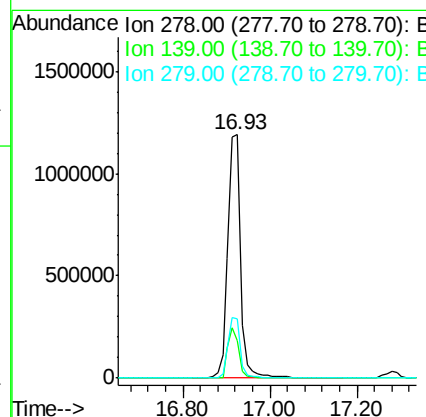
Manual Integrations
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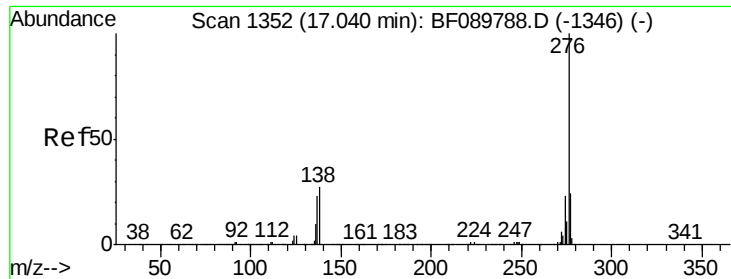
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#90
Dibenzo(a,h)anthracene
Concen: 39.59 ng
RT: 16.93 min Scan# 1342
Delta R.T. 0.24 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.9	22.3
279	24.5	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 38.37 ng
 RT: 17.28 min Scan# 1373
 Delta R.T. 0.24 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	27.8	22.1	33.1

Manual Integrations
 APPROVED

umangi
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