

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087372.D
 Acq On : 25 May 2016 15:02
 Operator : UM/SJ
 Sample : H3218-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Manual Integrations
 APPROVED

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 5/26/2016 6:36:15 PM

Quant Time: May 26 12:51:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 22:35:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	105483	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	436927	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	194582	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	339604	20.00	ng	0.00
75) Chrysene-d12	18.47	240	225251	20.00	ng	-0.01
86) Perylene-d12	20.14	264	225331	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	779254	129.81	ng	0.01
7) Phenol-d6	7.07	99	1108264	136.63	ng	0.00
23) Nitrobenzene-d5	8.43	82	763637	88.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	198861	106.35	ng	-0.01
44) 2-Fluorobiphenyl	11.34	172	1095227	79.35	ng	0.00
78) Terphenyl-d14	17.13	244	693248	65.43	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	96847	30.57	ng	# 58
3) Pyridine	2.48	79	280683	40.53	ng	# 61
4) n-Nitrosodimethylamine	2.44	42	235619	44.16	ng	# 46
6) Aniline	7.02	93	545242	51.96	ng	95
8) 2-Chlorophenol	7.20	128	328315	43.86	ng	91
9) Benzaldehyde	6.84	77	62802	14.02	ng	98
10) Phenol	7.08	94	384904	43.46	ng	78
11) bis(2-Chloroethyl)ether	7.16	93	312574	43.60	ng	88
12) 1,3-Dichlorobenzene	7.42	146	329910	40.40	ng	# 92
13) 1,4-Dichlorobenzene	7.54	146	342305m	40.83	ng	
14) 1,2-Dichlorobenzene	7.78	146	330599	42.64	ng	99
15) Benzyl Alcohol	7.82	79	316400	53.50	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.02	45	634374	39.33	ng	89
17) 2-Methylphenol	8.03	107	256128	42.69	ng	# 86
18) Hexachloroethane	8.30	117	125122	40.01	ng	94
19) n-Nitroso-di-n-propylamine	8.24	70	270716	44.75	ng	# 68
20) 3+4-Methylphenols	8.31	107	343433	47.35	ng	# 60
22) Acetophenone	8.20	105	493652	47.29	ng	# 98
24) Nitrobenzene	8.47	77	403880	44.13	ng	98
25) Isophorone	8.87	82	672896	43.28	ng	96
26) 2-Nitrophenol	8.97	139	170471	45.57	ng	# 71
27) 2,4-Dimethylphenol	9.11	122	247548	38.12	ng	# 85
28) bis(2-Chloroethoxy)methane	9.24	93	404771	46.22	ng	98
29) 2,4-Dichlorophenol	9.38	162	275943	47.15	ng	94
30) 1,2,4-Trichlorobenzene	9.47	180	279779	41.76	ng	96
31) Naphthalene	9.59	128	1026907	46.90	ng	99
33) 4-Chloroaniline	9.75	127	101376	12.57	ng	# 93
34) Hexachlorobutadiene	9.80	225	161746	39.72	ng	98
35) Caprolactam	10.34	113	83312m	48.78	ng	
36) 4-Chloro-3-methylphenol	10.59	107	304374	46.00	ng	94
37) 2-Methylnaphthalene	10.71	142	615256m	44.98	ng	
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	252572	40.55	ng	99
40) Hexachlorocyclopentadiene	10.96	237	128929	53.81	ng	95
42) 2,4,6-Trichlorophenol	11.21	196	158643	44.13	ng	92

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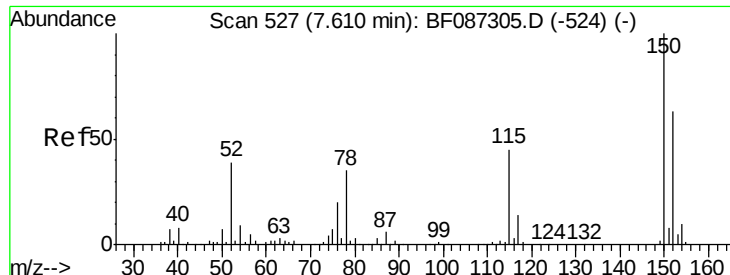
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.29	196	159427	43.54	nq	# 91
45) 1,1'-Biphenyl	11.48	154	724388	44.22	nq	98
46) 2-Chloronaphthalene	11.50	162	543386	43.35	nq	96
47) 2-Nitroaniline	11.71	65	224057	49.62	nq	86
48) Acenaphthylene	12.15	152	850599	42.87	nq	99
49) Dimethylphthalate	12.03	163	929330	59.62	nq	100
50) 2,6-Dinitrotoluene	12.12	165	137289	43.71	nq	# 81
51) Acenaphthene	12.43	154	551134	45.19	nq	99
52) 3-Nitroaniline	12.39	138	107444	33.33	nq	# 84
54) Dibenzofuran	12.72	168	785368	47.56	nq	96
55) 4-Nitrophenol	12.76	139	149293m	97.09	nq	
56) 2,4-Dinitrotoluene	12.79	165	190653	45.42	nq	89
57) Fluorene	13.27	166	646493	45.15	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.96	232	127697	45.34	nq	97
59) Diethylphthalate	13.18	149	634642	41.88	nq	99
60) 4-Chlorophenyl-phenylether	13.30	204	275994	39.53	nq	92
61) 4-Nitroaniline	13.39	138	129308	42.98	nq	# 77
62) Azobenzene	13.55	77	729709	46.41	nq	86
64) 4,6-Dinitro-2-methylphenol	13.45	198	33412	15.47	nq	# 41
65) n-Nitrosodiphenylamine	13.51	169	514769	46.87	nq	99
66) 4-Bromophenyl-phenylether	14.09	248	157834	42.48	nq	# 86
67) Hexachlorobenzene	14.16	284	161042	41.44	nq	# 87
68) Atrazine	14.43	200	165947	47.40	nq	93
69) Pentachlorophenol	14.51	266	87090	72.73	nq	98
70) Phenanthrene	14.82	178	1585656	84.29	nq	99
71) Anthracene	14.90	178	1008726	53.08	nq	100
72) Carbazole	15.19	167	782955	48.31	nq	98
73) Di-n-butylphthalate	15.77	149	866298	41.33	nq	# 98
74) Fluoranthene	16.58	202	1672674	88.67	nq	96
76) Benzidine	16.81	184	92013	15.88	nq	97
77) Pyrene	16.88	202	1453265	89.63	nq	96
79) Butylbenzylphthalate	17.79	149	305993	42.56	nq	# 80
80) Benzo(a)anthracene	18.46	228	922569	72.00	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	88485	12.50	nq	98
82) Chrysene	18.50	228	833105	65.52	nq	98
83) Bis(2-ethylhexyl)phthalate	18.54	149	398515	37.98	nq	# 95
84) Di-n-octyl phthalate	19.31	149	652083	40.75	nq	# 87
85) Indeno(1,2,3-cd)pyrene	21.36	276	559020	54.84	nq	94
87) Benzo(b)fluoranthene	19.74	252	872716m	60.80	nq	
88) Benzo(k)fluoranthene	19.76	252	574875m	46.53	nq	
89) Benzo(a)pyrene	20.08	252	696914	56.14	nq	96
90) Dibenzo(a,h)anthracene	21.37	278	423230	39.97	nq	# 94
91) Benzo(g,h,i)perylene	21.71	276	454697	43.52	nq	# 90

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



#1

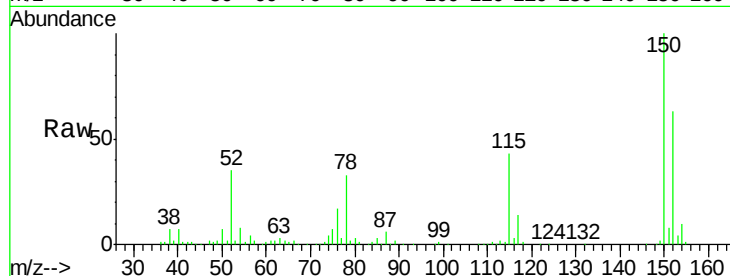
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

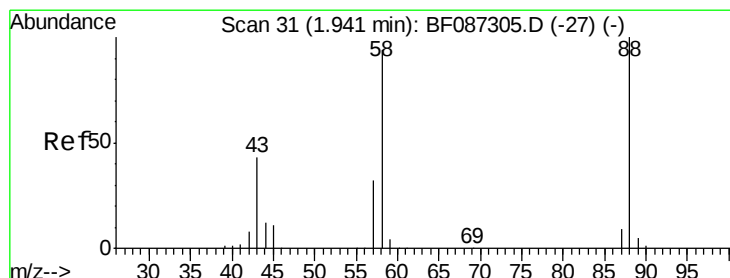
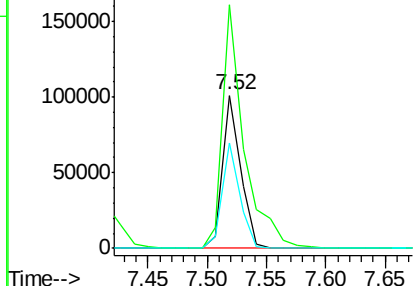
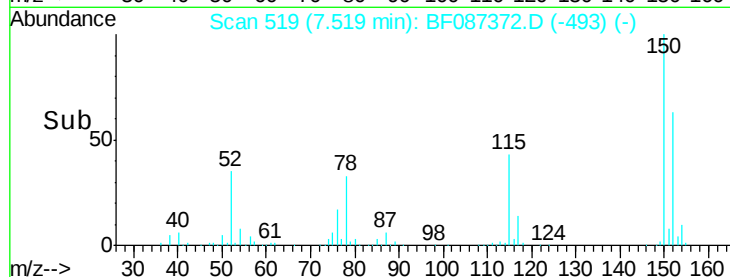
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.8	188.6
115	68.9	51.5	77.3

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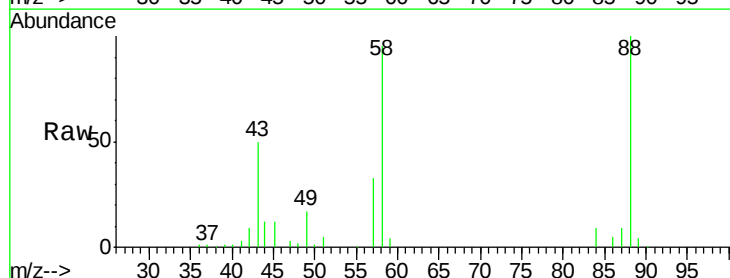
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



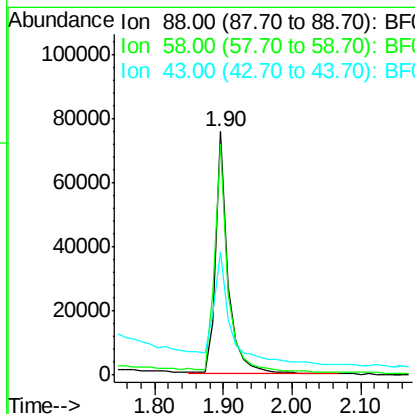
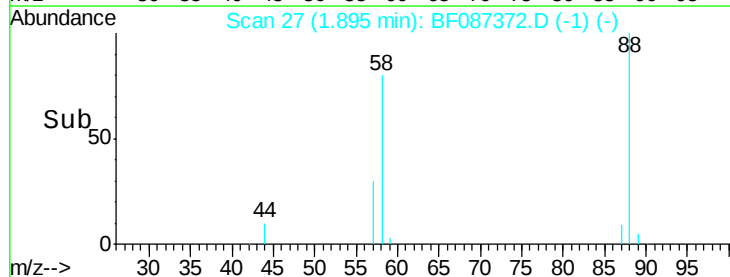
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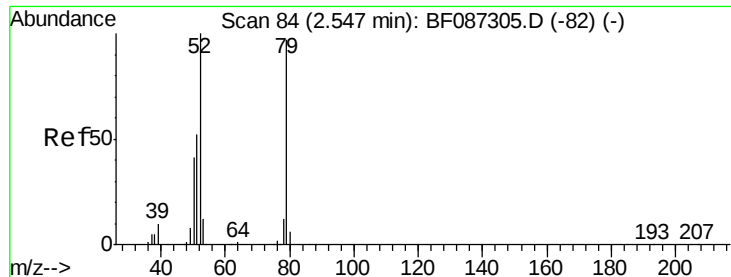
1,4-Dioxane
Concen: 30.57 ng
RT: 1.90 min Scan# 27
Delta R.T. 0.08 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.9	59.6	89.4#
43	63.1	21.8	32.6#



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





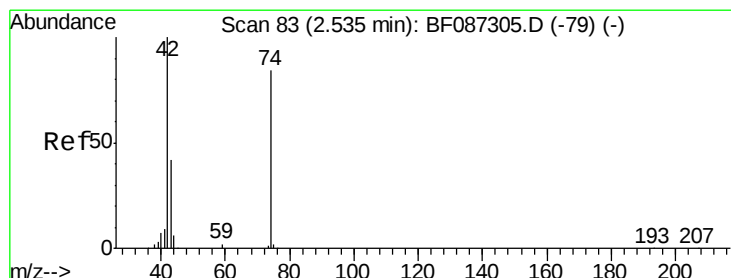
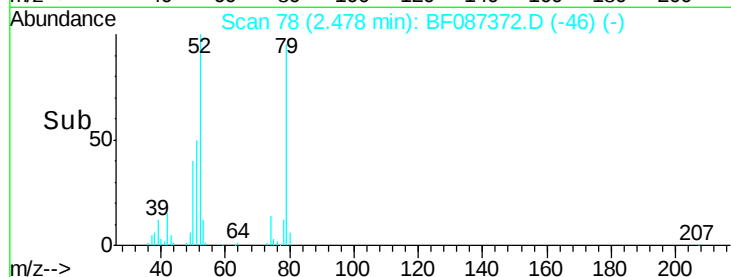
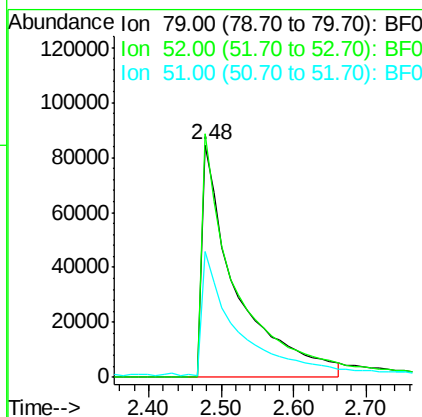
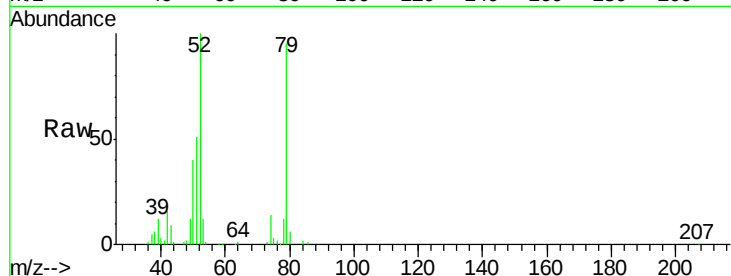
#3
 Pvridine
 Concen: 40.53 ng
 RT: 2.48 min Scan# 78
 Delta R.T. 0.07 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.9	55.9	83.9#
51	54.0	28.1	42.1#

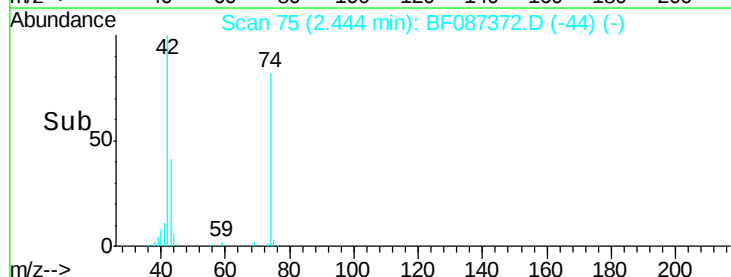
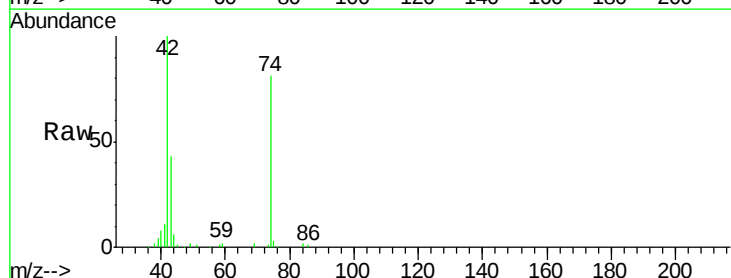
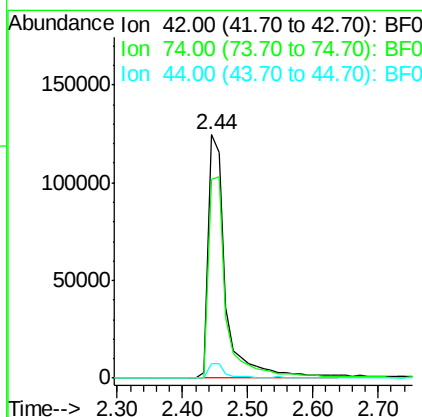
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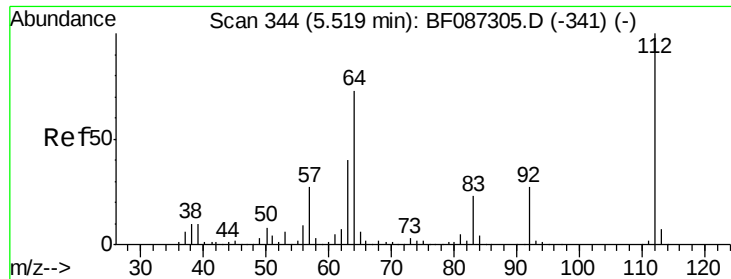
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#4
 n-Nitrosodimethylamine
 Concen: 44.16 ng
 RT: 2.44 min Scan# 75
 Delta R.T. 0.06 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	81.4	123.4	185.0#
44	6.2	5.8	8.6





#5

2-Fluorophenol

Concen: 129.81 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

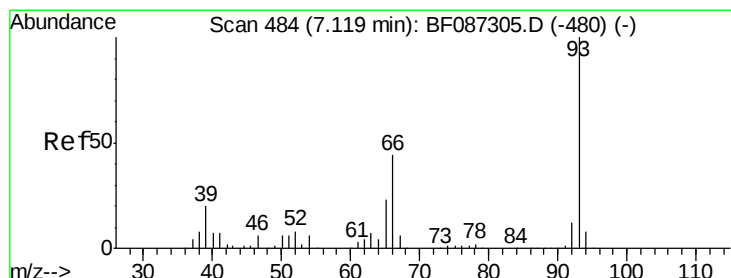
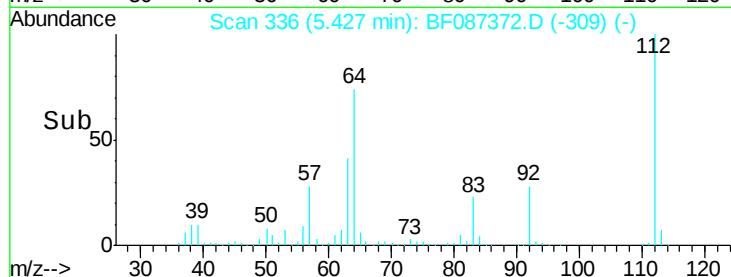
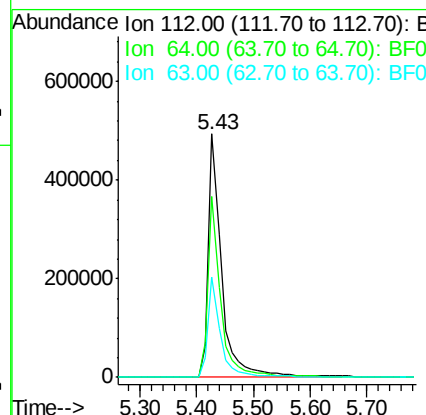
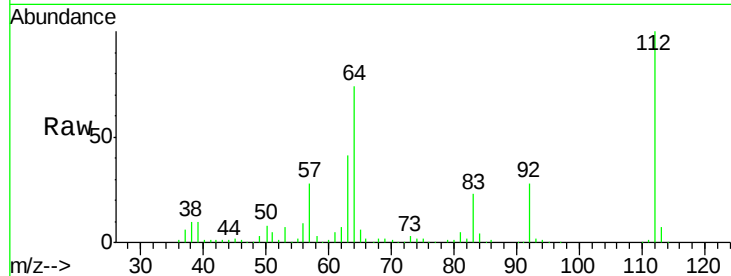
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	112	Resp:	779254
Ion Ratio	Lower	Upper	
112	100		
64	74.3	52.1	78.1
63	41.1	25.7	38.5#

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#6

Aniline

Concen: 51.96 ng

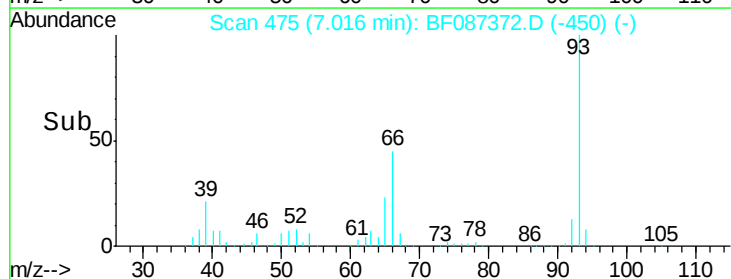
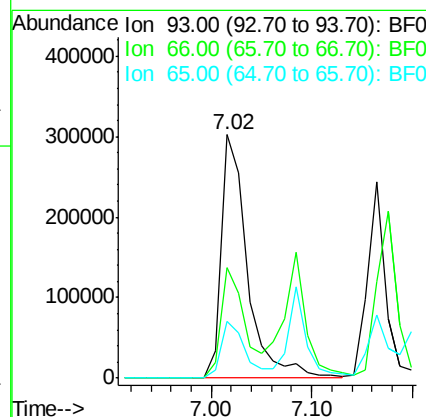
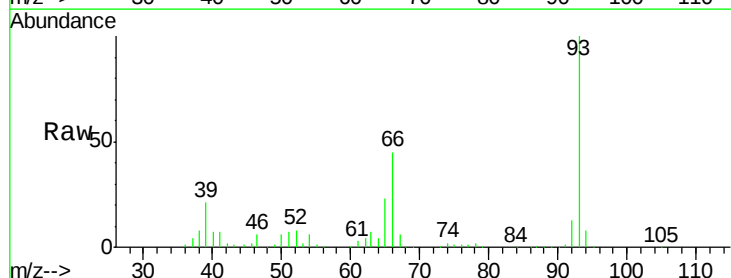
RT: 7.02 min Scan# 475

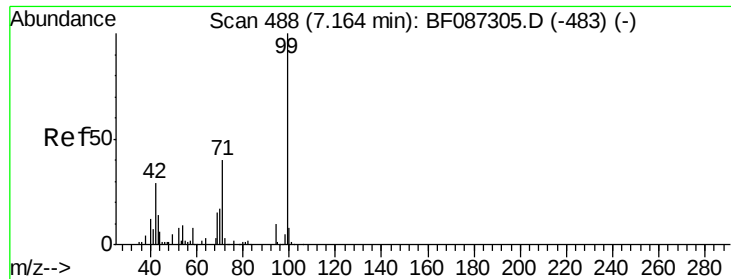
Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	93	Resp:	545242
Ion Ratio	Lower	Upper	
93	100		
66	45.3	39.0	58.6
65	23.4	20.6	31.0





#7

Phenol-d6

Concen: 136.63 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MS

Tot Ion: 99 Resp: 1108264

Ion Ratio Lower Upper

99 100

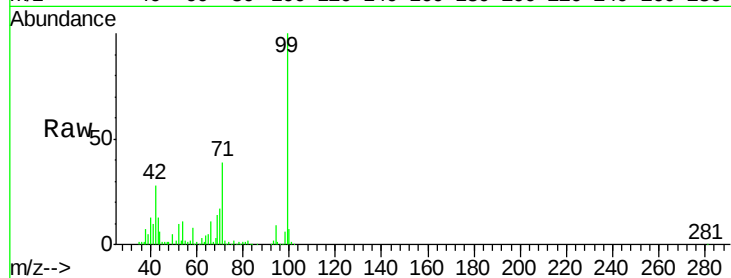
42 28.3 13.6 20.4#

71 39.2 24.6 36.8#

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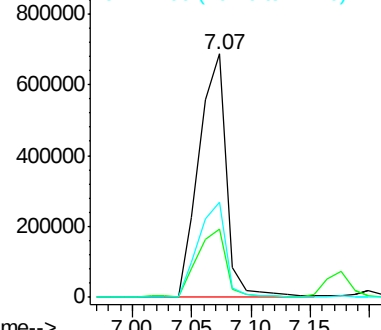
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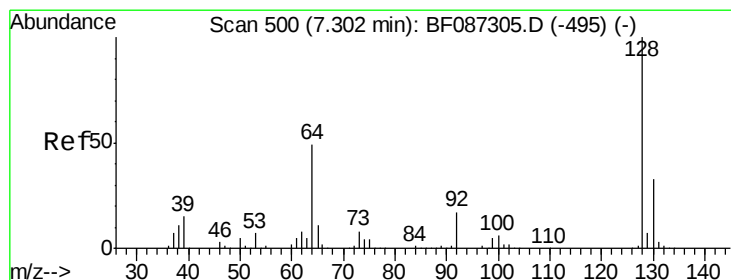
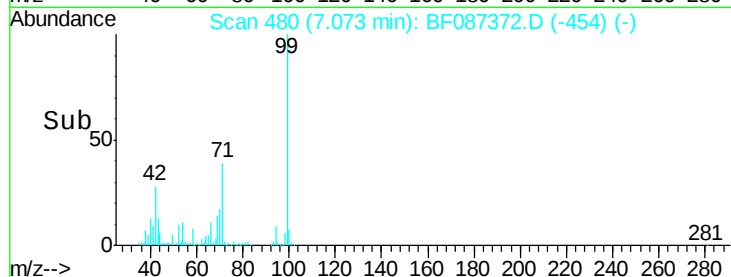
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 43.86 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

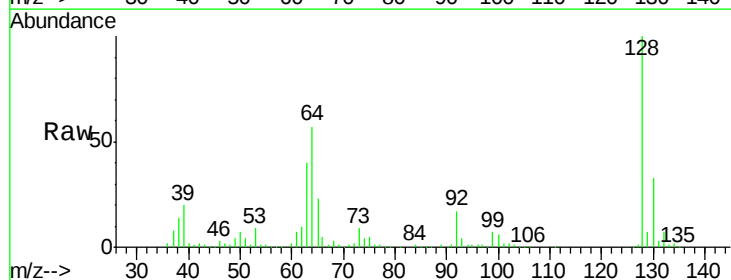
Tgt Ion: 128 Resp: 328315

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

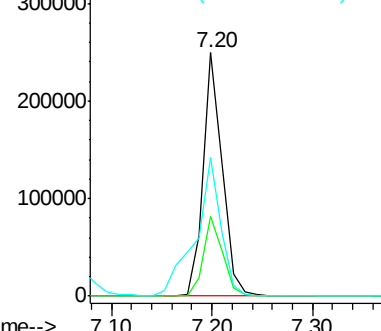
64 56.9 27.3 67.3



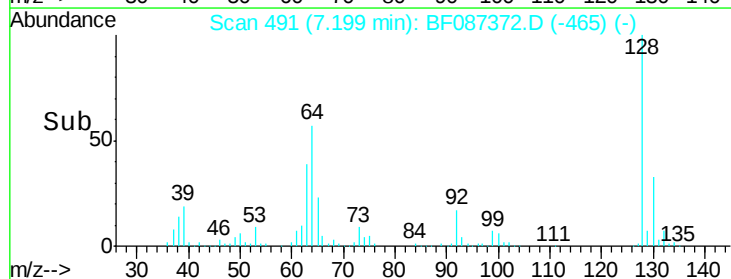
Abundance Ion 128.00 (127.70 to 128.70): E

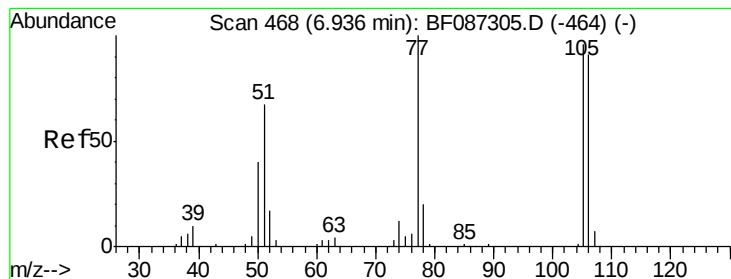
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 14.02 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

ClientSampleId :

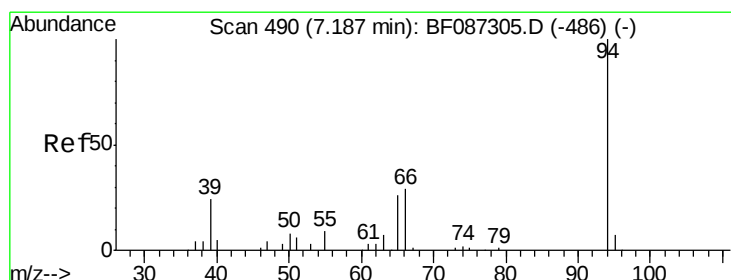
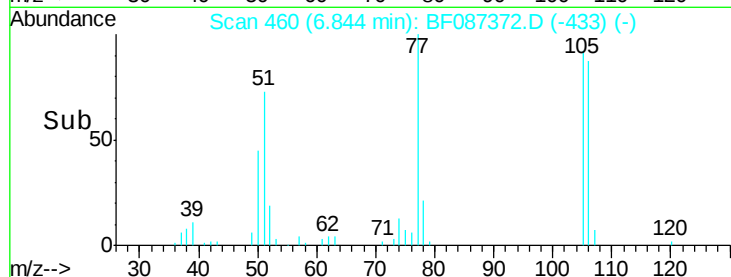
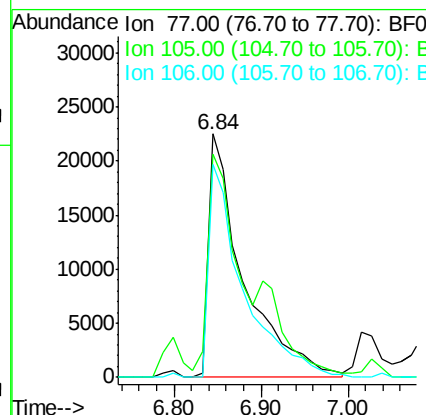
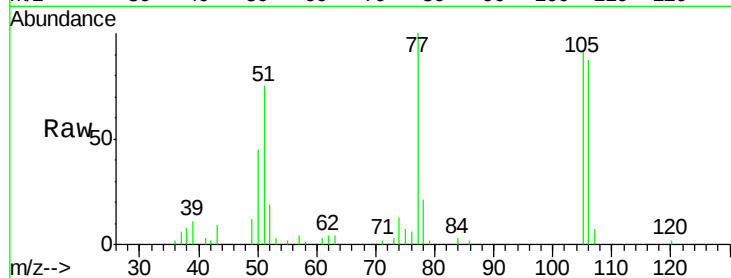
E-3(6.5-7)MS

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Tot Ion:	77	Resp:	62802
Ion	Ratio	Lower	Upper
77	100		
105	91.7	72.7	112.7
106	87.3	70.8	110.8



#10

Phenol

Concen: 43.46 ng

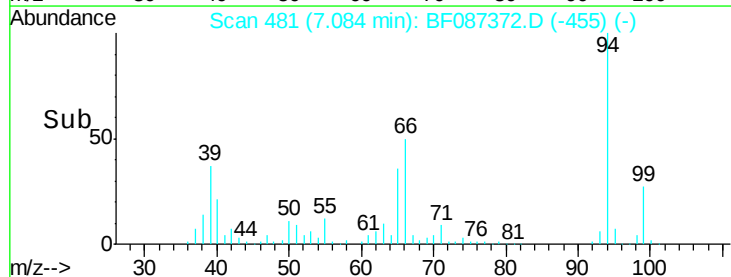
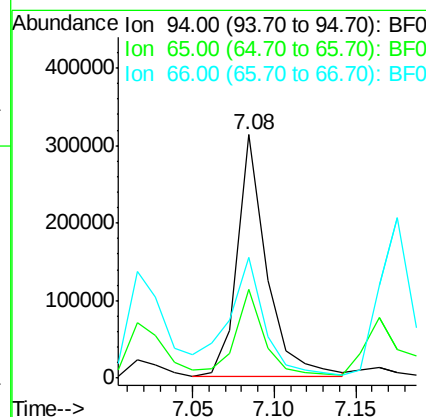
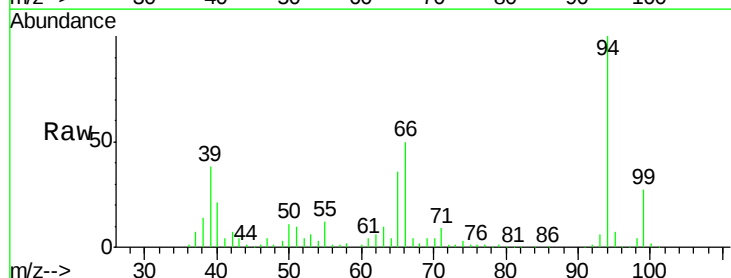
RT: 7.08 min Scan# 481

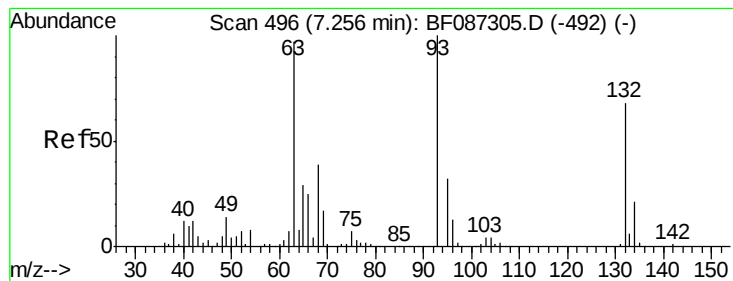
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	94	Resp:	384904
Ion	Ratio	Lower	Upper
94	100		
65	36.3	7.2	47.2
66	49.6	14.9	54.9





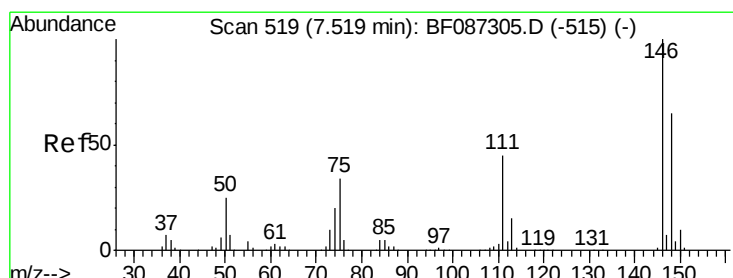
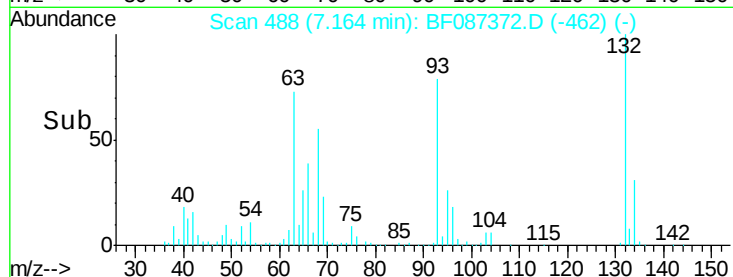
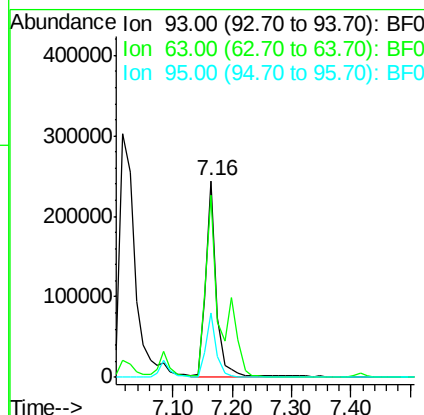
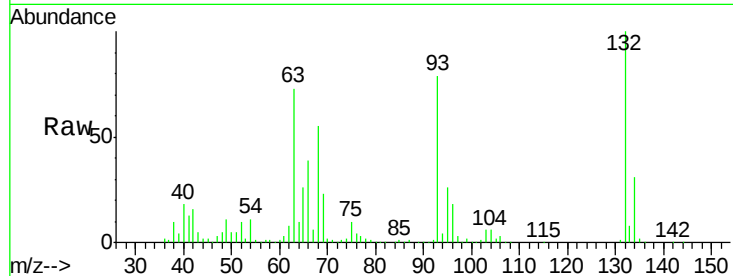
#11
bis(2-Chloroethyl)ether
Concen: 43.60 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	312574		
63	92.4	58.0	98.0	
95	32.8	11.9	51.9	

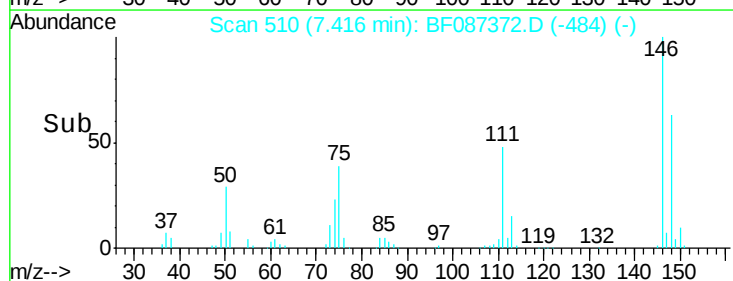
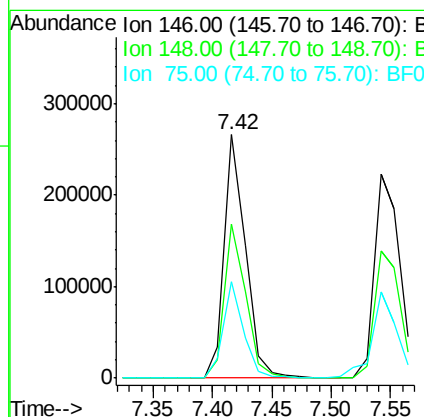
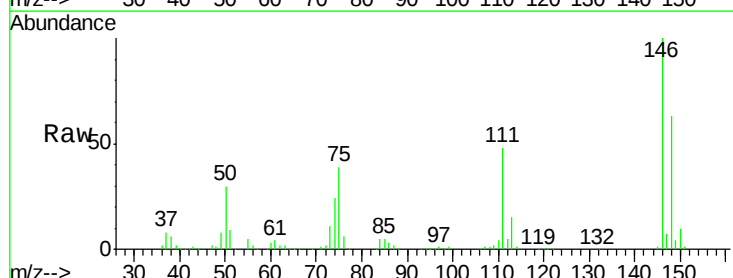
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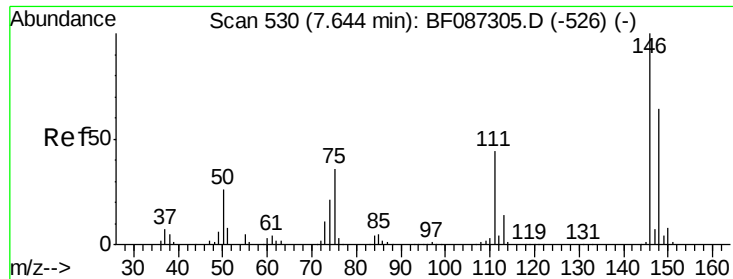
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#12
1,3-Dichlorobenzene
Concen: 40.40 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	329910		
148	63.2	52.4	78.6	
75	39.4	22.8	34.2	





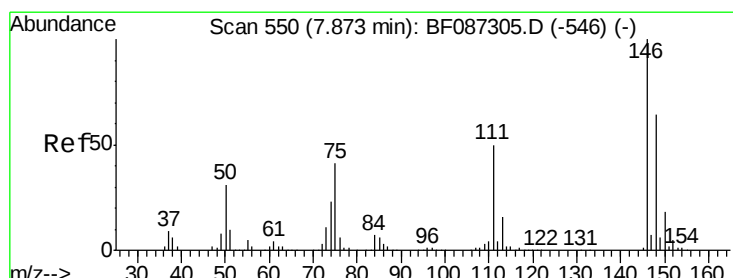
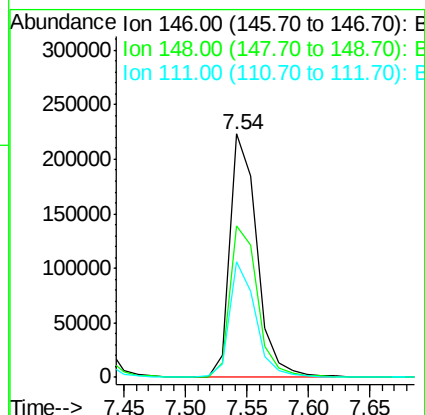
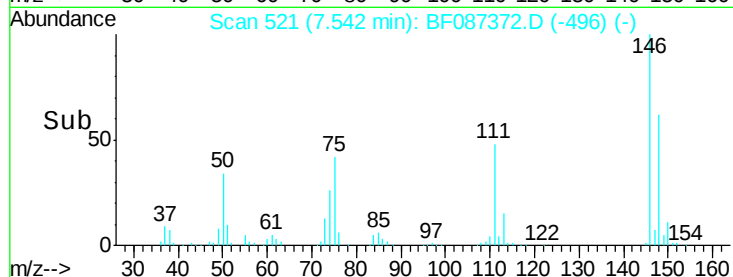
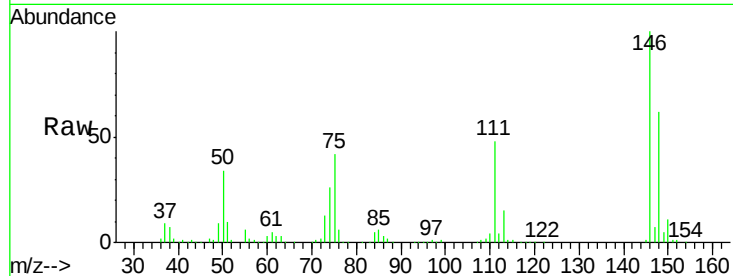
#13
1,4-Dichlorobenzene
Concen: 40.83 ng/ml
RT: 7.54 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.2	78.4
111	47.7	30.7	46.1

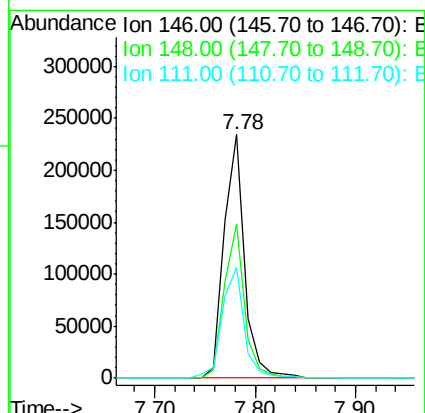
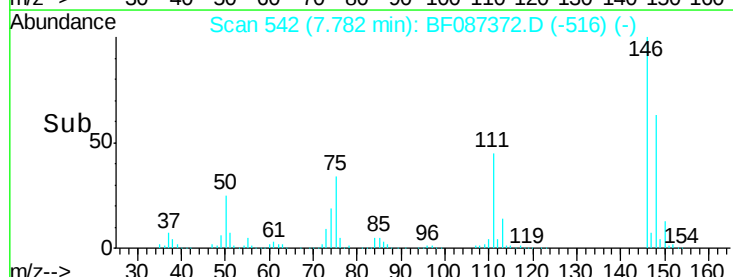
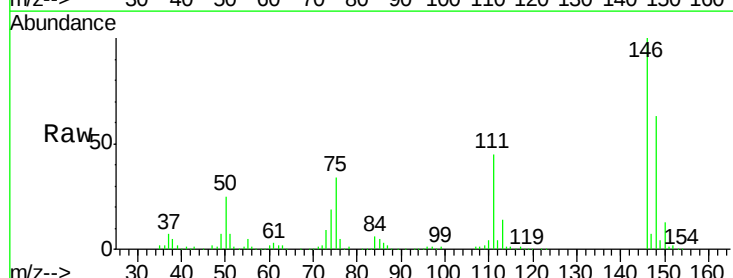
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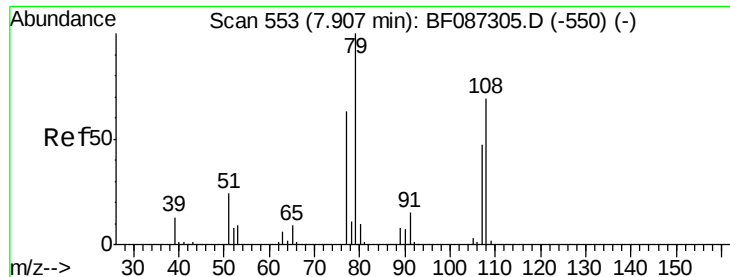
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#14
1,2-Dichlorobenzene
Concen: 42.64 ng/ml
RT: 7.78 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
111	45.2	36.2	54.4





#15

Benzyl Alcohol

Concen: 53.50 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

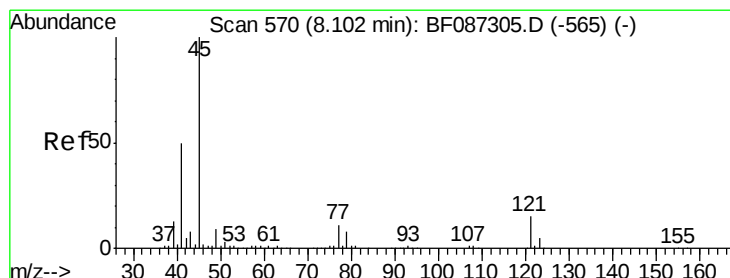
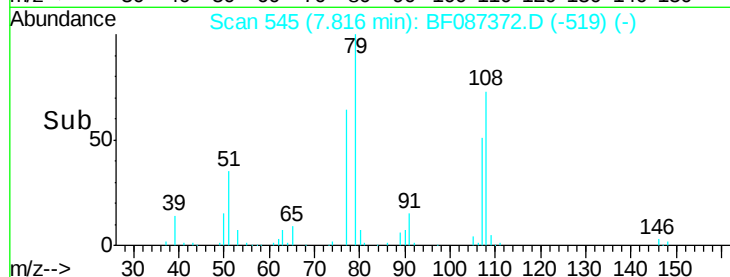
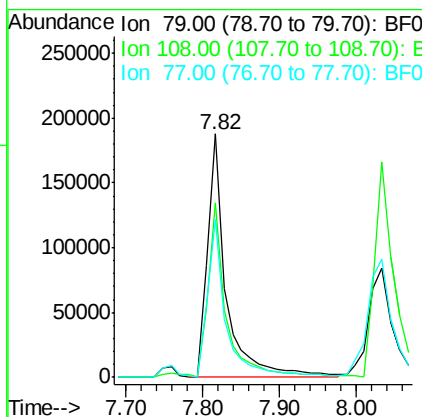
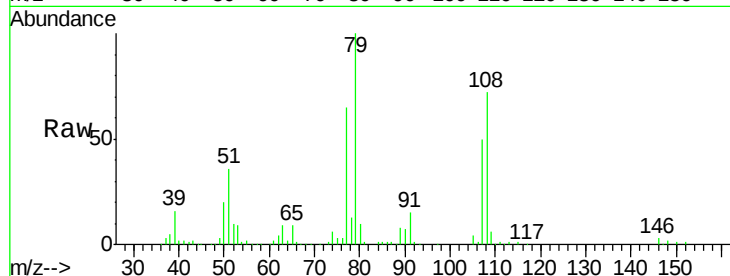
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	79	Resp:	316400
Ion Ratio	Lower	Upper	
79	100		
108	71.6	68.4	102.6
77	64.8	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.33 ng

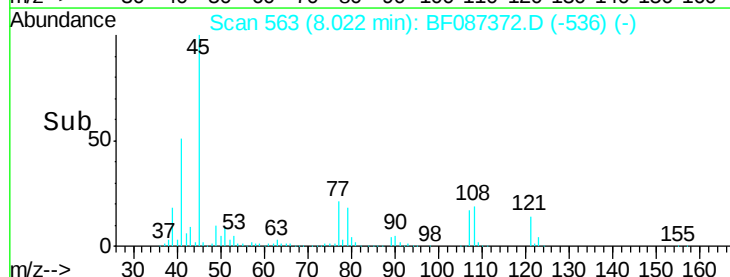
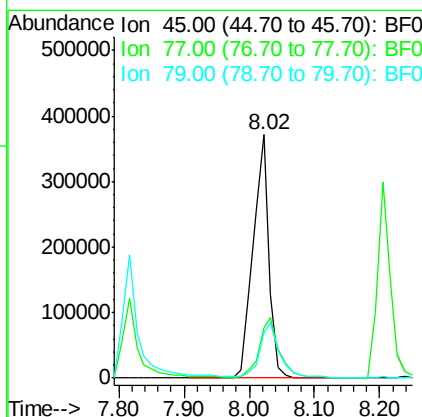
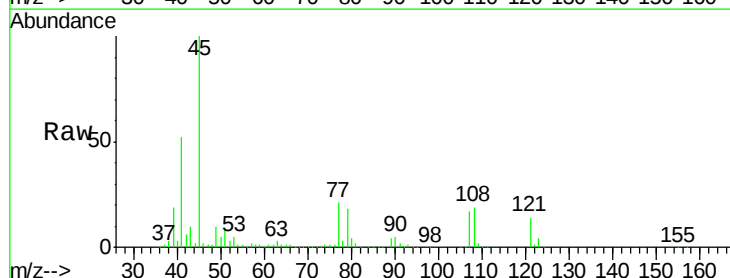
RT: 8.02 min Scan# 563

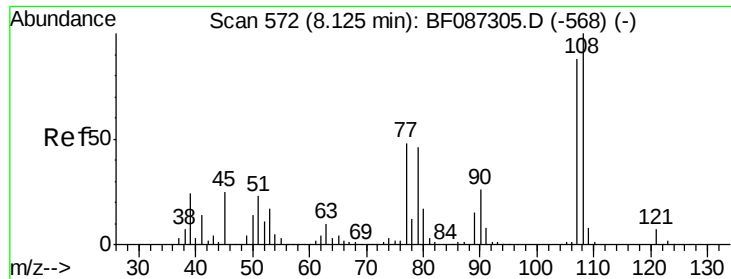
Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	45	Resp:	634374
Ion Ratio	Lower	Upper	
45	100		
77	20.9	0.0	36.4
79	18.3	0.0	33.4





#17

2-Methylphenol

Concen: 42.69 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

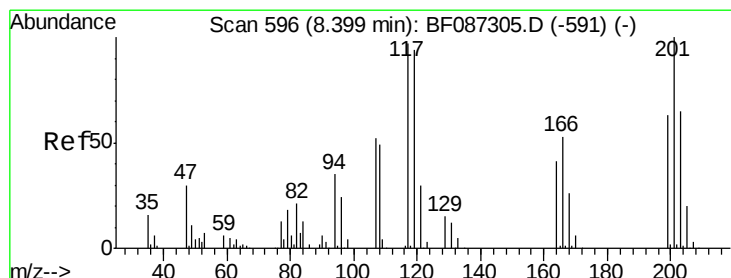
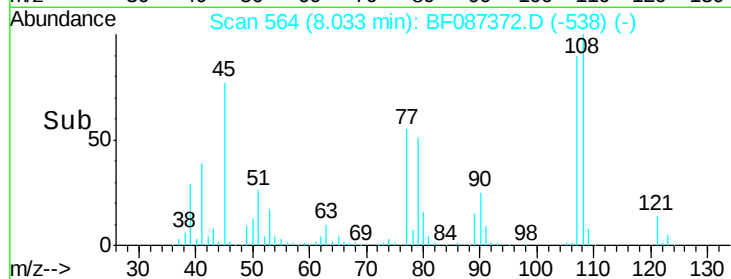
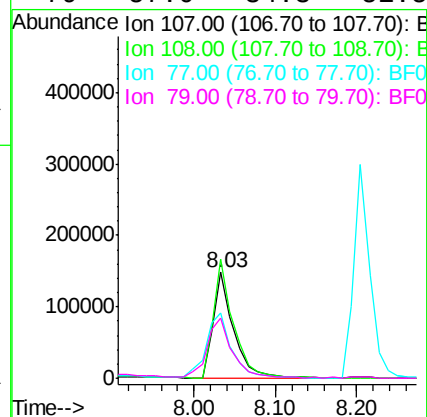
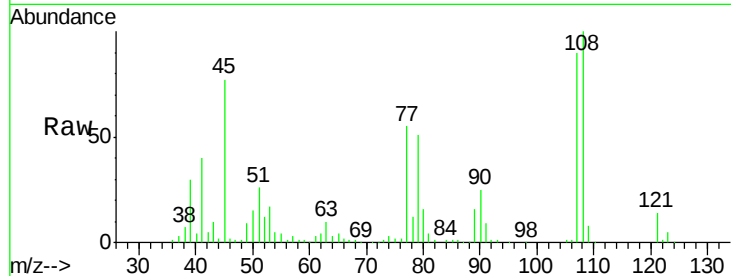
ClientSampled :

E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	93.7	140.5	
77	61.6	33.4	50.0	
79	57.0	34.3	51.5	

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#18

Hexachloroethane

Concen: 40.01 ng

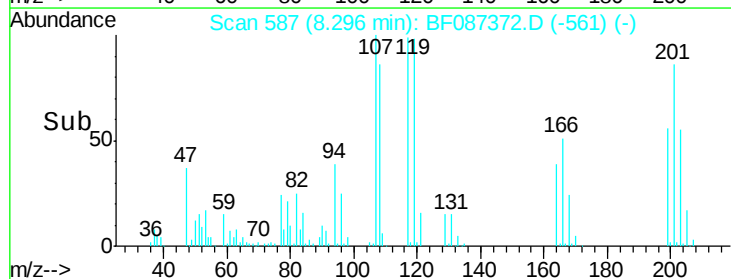
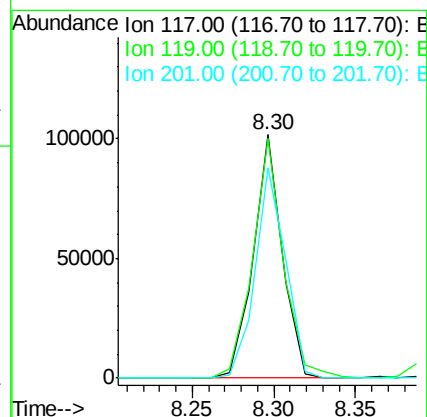
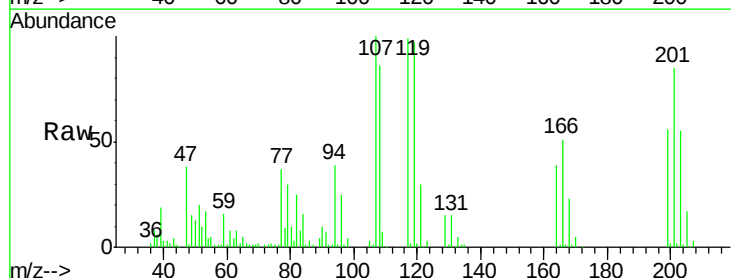
RT: 8.30 min Scan# 587

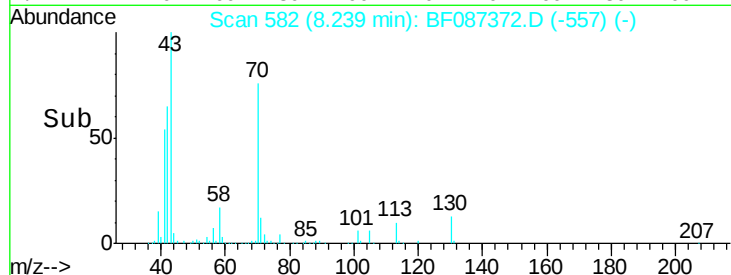
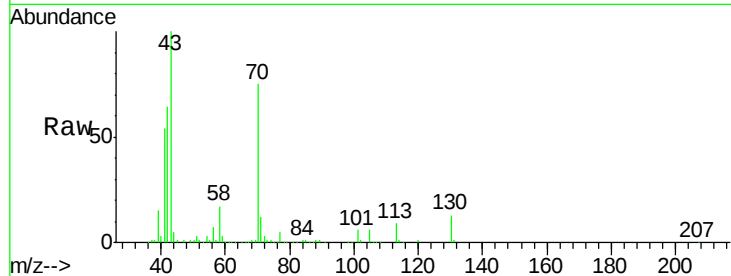
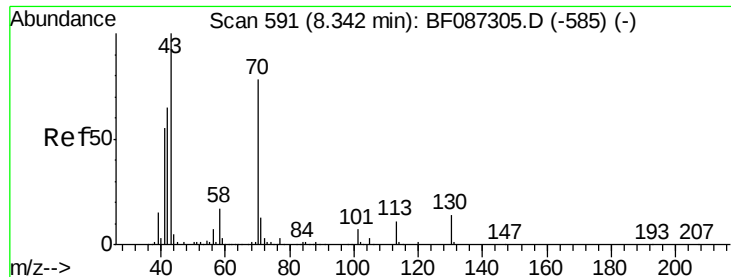
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	76.5	114.7	
201	86.5	63.0	94.6	





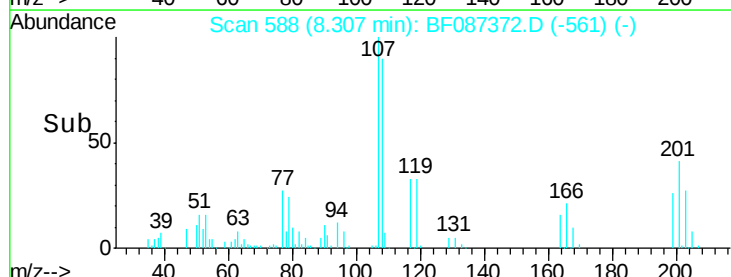
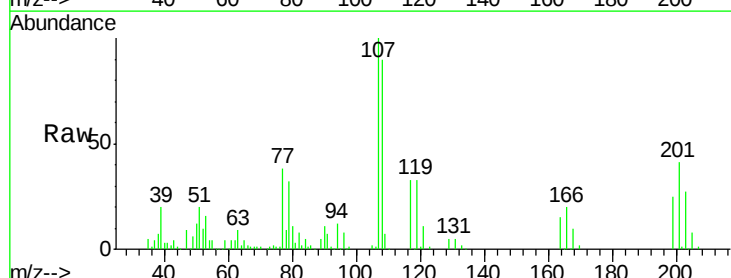
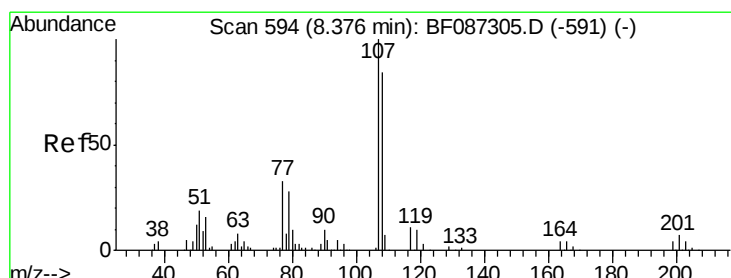
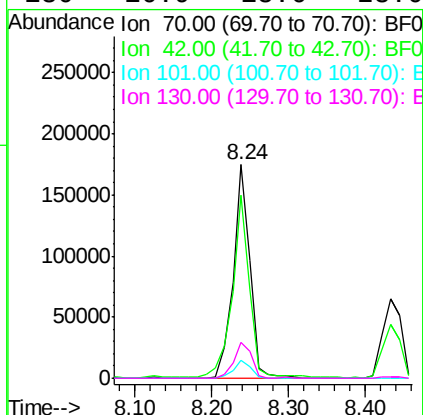
#19
n-Nitroso-di-n-propylamine
Concen: 44.75 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	85.9	43.1	64.7#		
101	8.4	8.1	12.1		
130	16.9	18.6	28.0#		

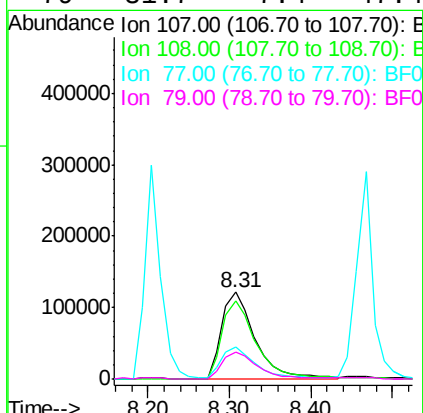
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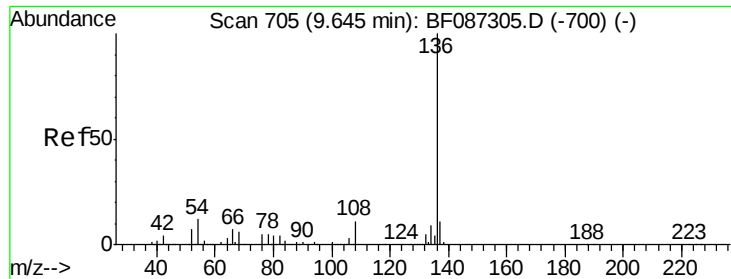
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#20
3+4-Methylphenols
Concen: 47.35 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.2	68.5	108.5		
77	37.7	101.6	141.6#		
79	31.7	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

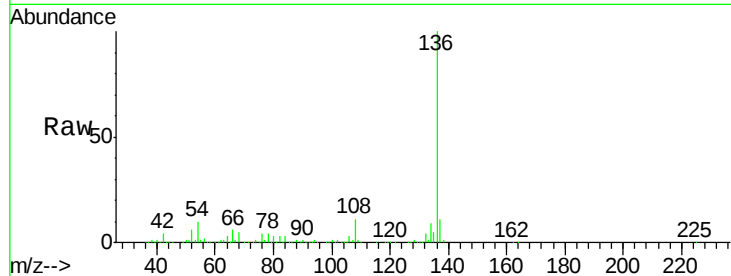
ClientSampleId :

E-3(6.5-7)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		436927		
137	10.8		8.8	13.2	
54	10.2		5.0	7.4#	
68	5.3		4.4	6.6	

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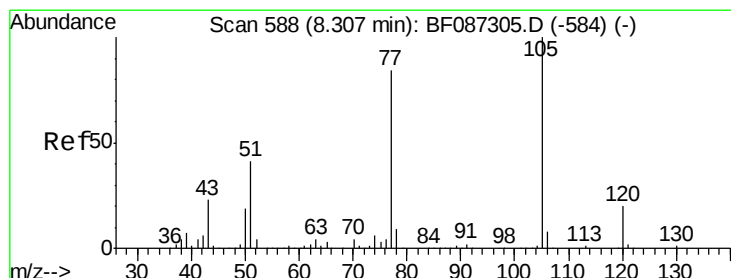
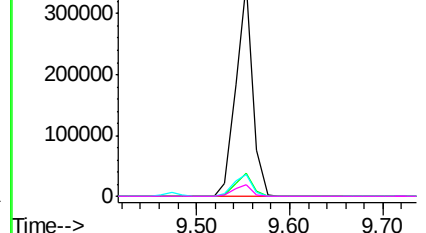
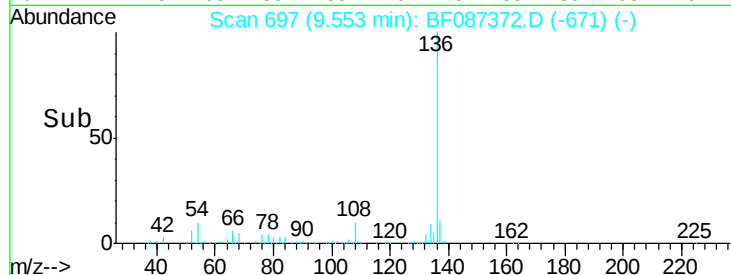


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.29 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

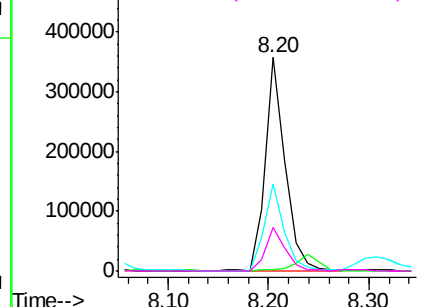
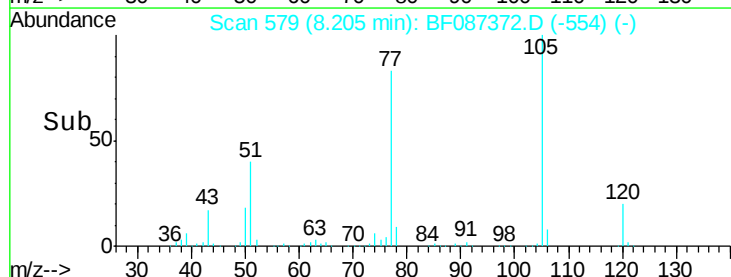
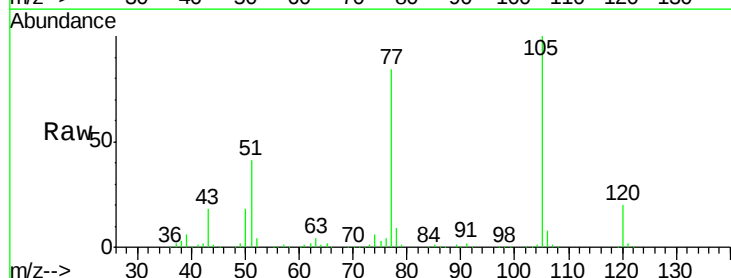
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		493652		
71	0.4		4.8	7.2#	
51	40.9		32.6	49.0	
120	20.2		16.5	24.7	

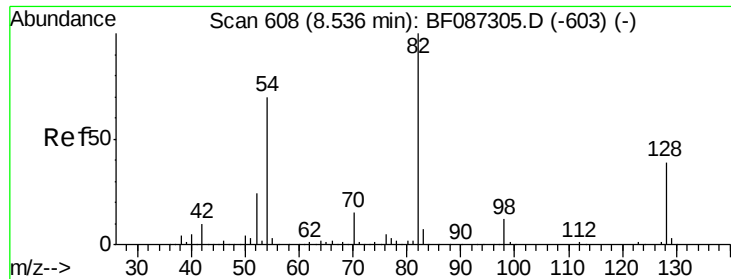
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





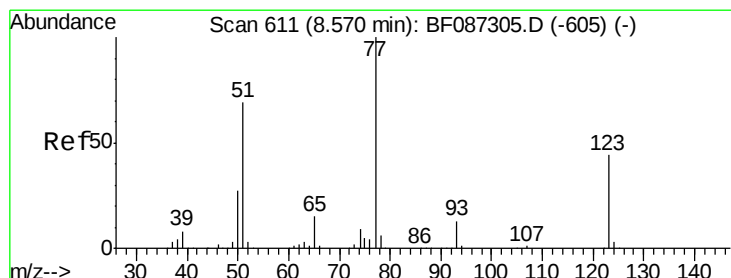
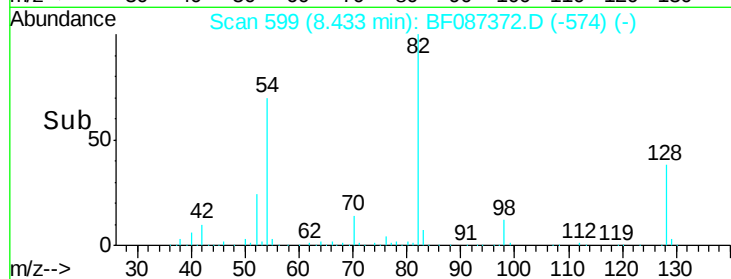
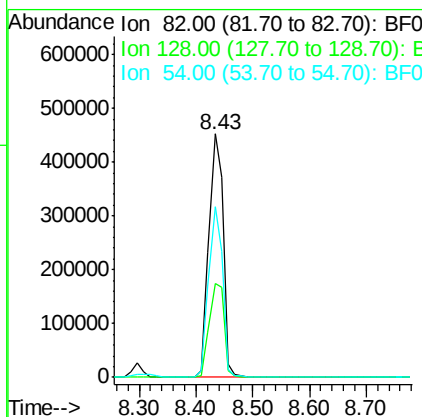
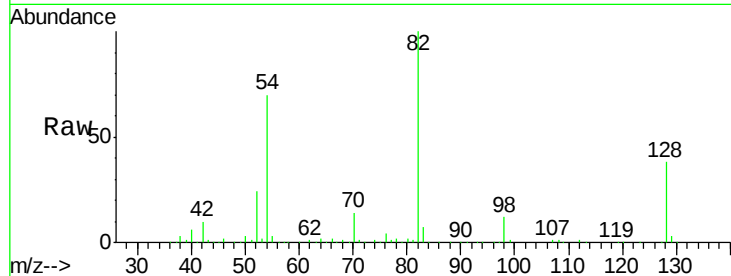
#23
Nitrobenzene-d5
Concen: 88.08 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	763637		
128	38.5	40.6	61.0#	
54	70.0	38.1	57.1#	

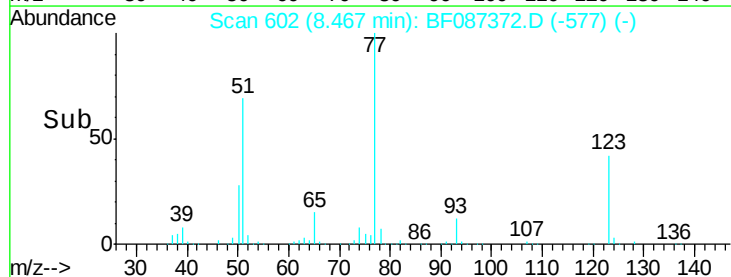
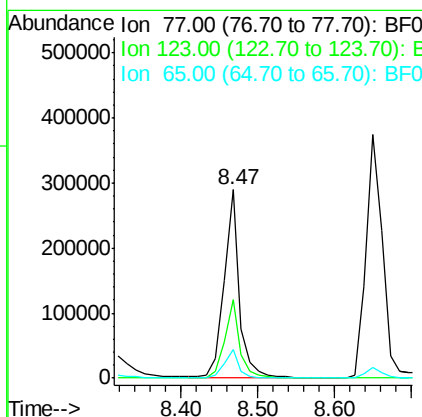
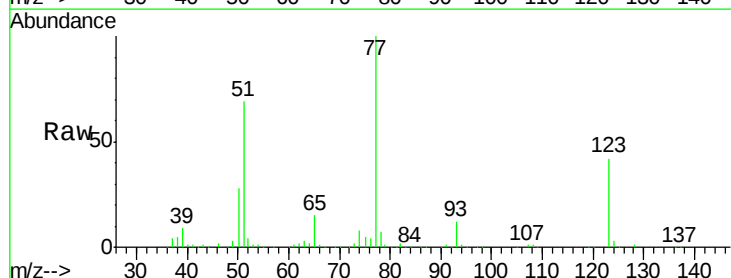
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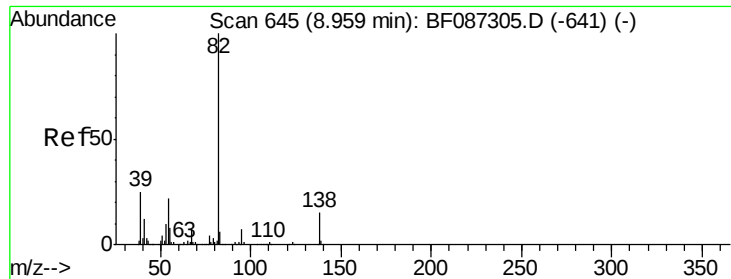
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#24
Nitrobenzene
Concen: 44.13 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	403880		
123	41.7	33.0	49.4	
65	15.0	10.8	16.2	





#25

Isophorone

Concen: 43.28 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

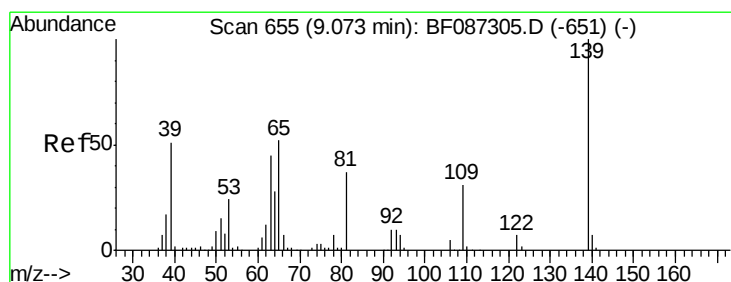
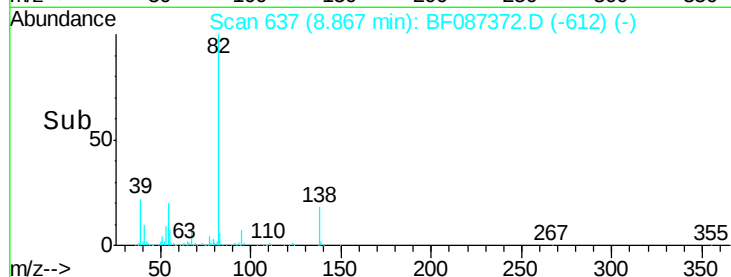
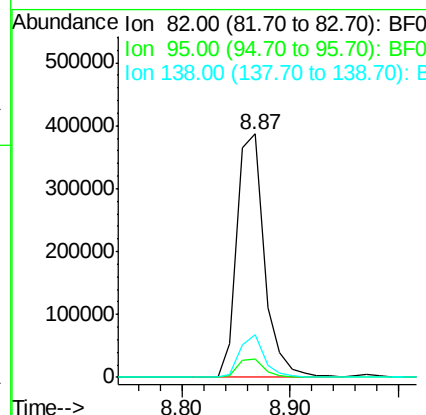
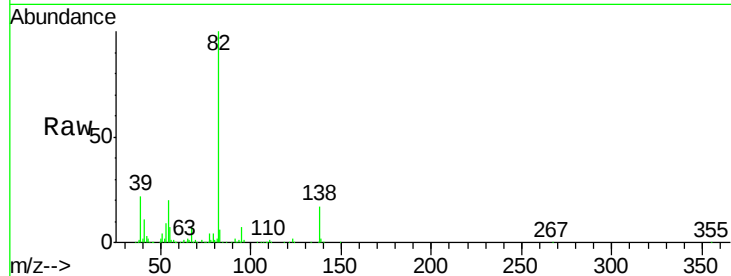
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	82	Resp:	672896
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	17.5	12.4	18.6

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#26

2-Nitrophenol

Concen: 45.57 ng

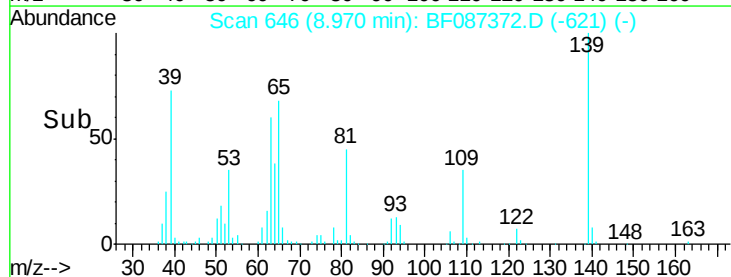
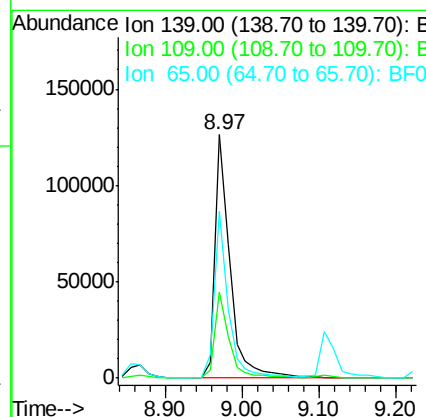
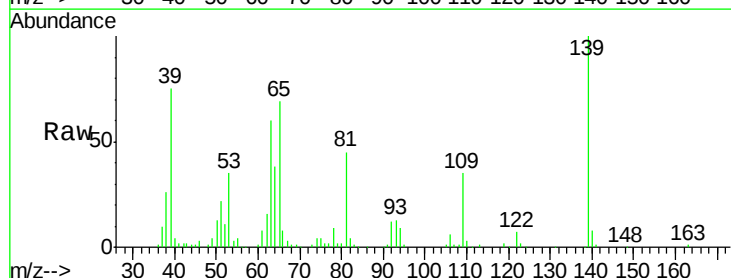
RT: 8.97 min Scan# 646

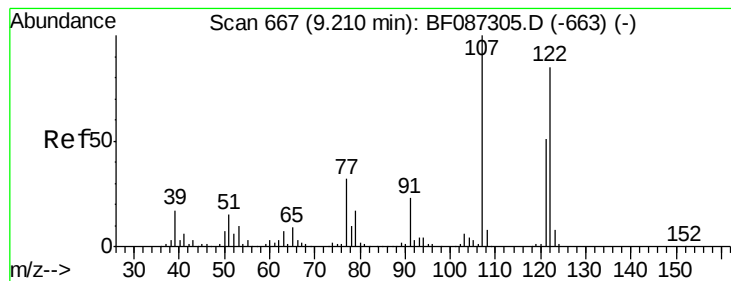
Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	139	Resp:	170471
Ion Ratio	Lower	Upper	
139	100		
109	35.3	19.5	29.3#
65	68.5	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 38.12 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

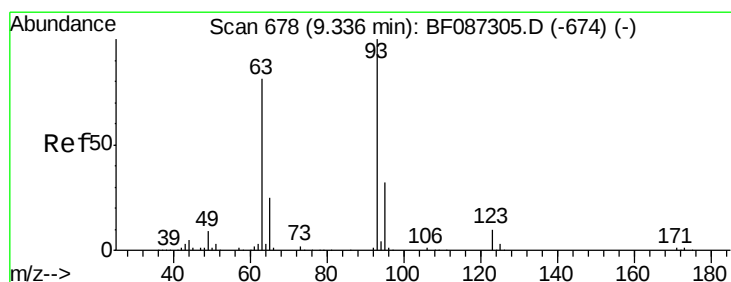
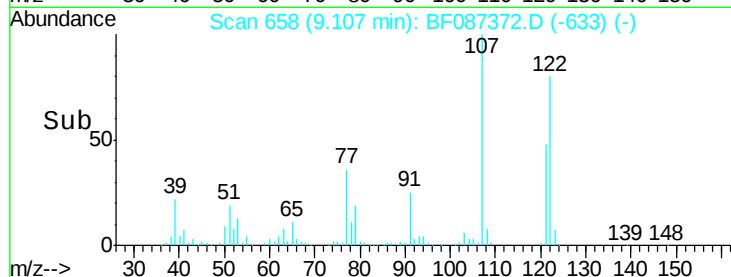
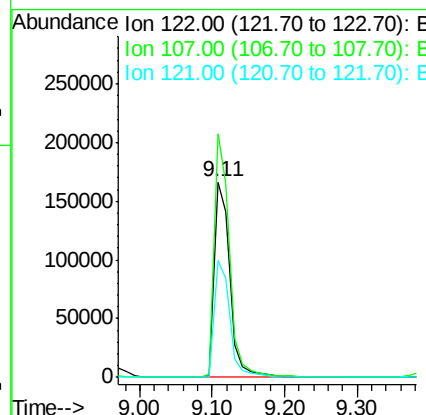
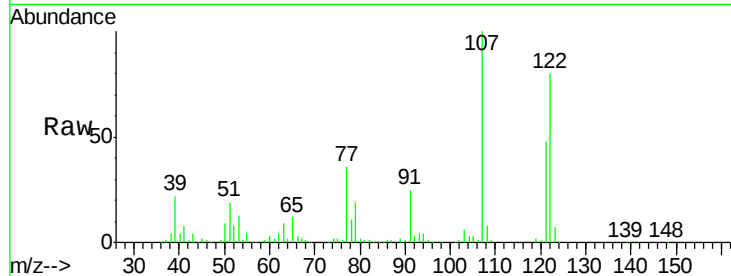
ClientSampleId :

E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	247548		
107	124.5	82.0	123.0#	
121	59.8	46.1	69.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 46.22 ng

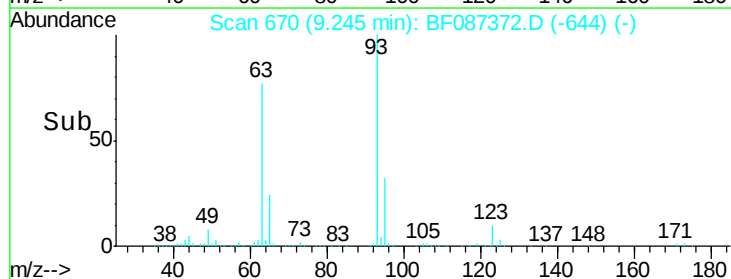
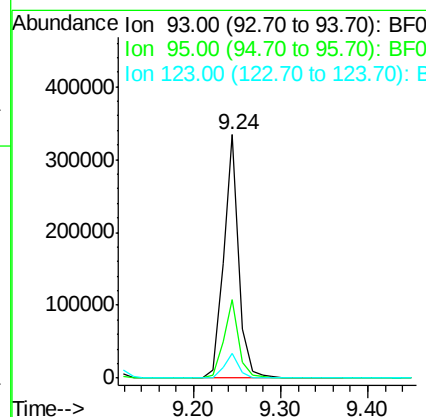
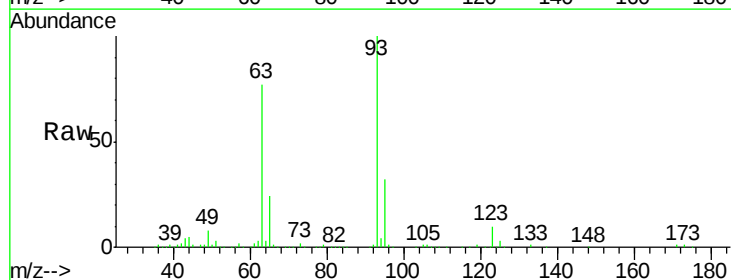
RT: 9.24 min Scan# 670

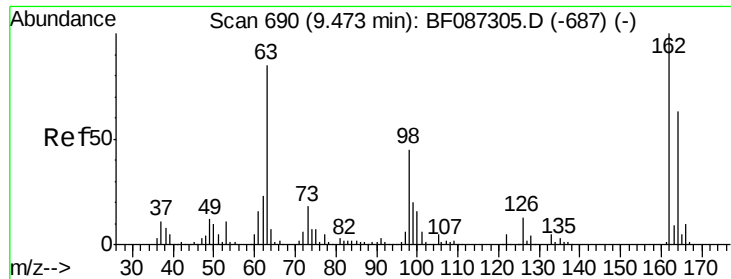
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	404771		
95	32.2	26.0	39.0	
123	10.0	9.5	14.3	





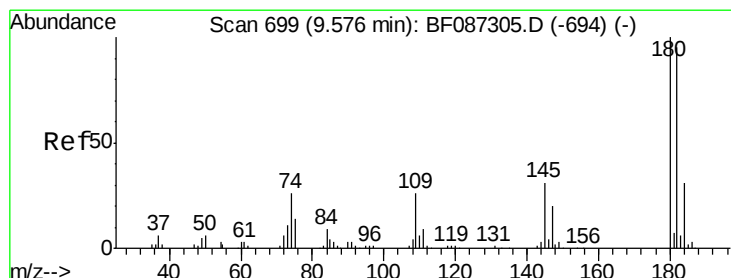
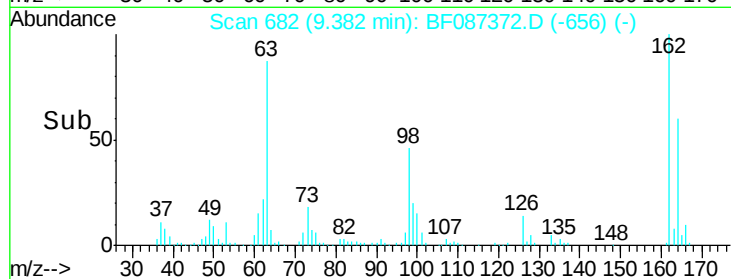
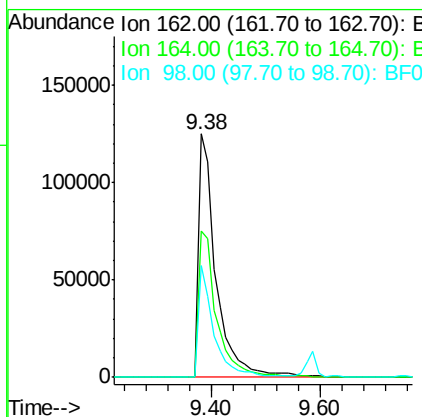
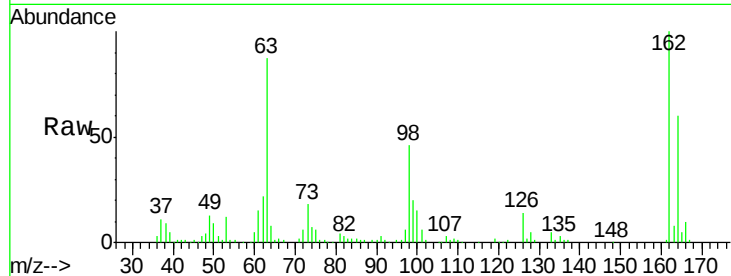
#29
 2,4-Dichlorophenol
 Concen: 47.15 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tot Ion:	162	Resp:	275943
Ion Ratio	Lower	Upper	
162	100		
164	60.2	42.2	82.2
98	45.8	19.0	59.0

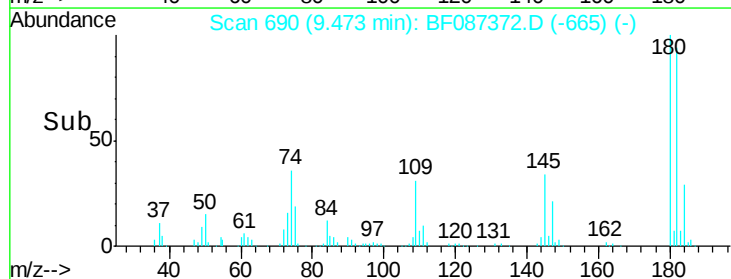
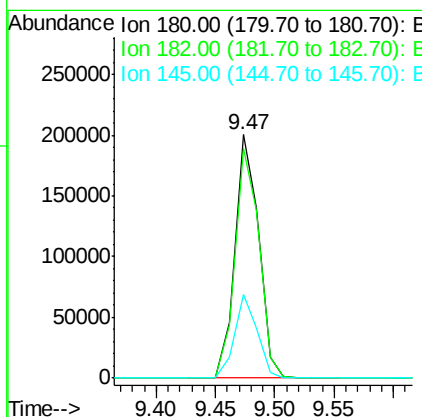
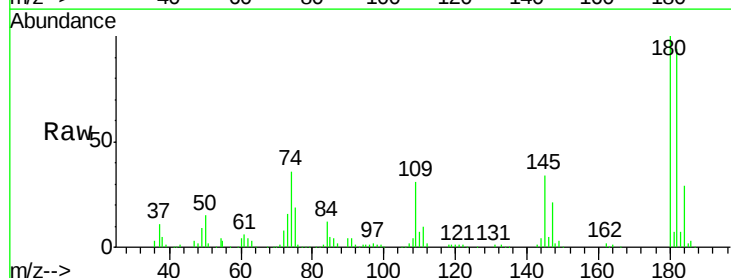
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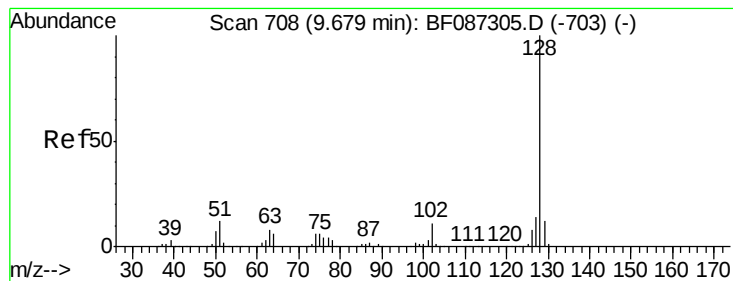
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.76 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:	180	Resp:	279779
Ion Ratio	Lower	Upper	
180	100		
182	94.2	78.0	117.0
145	34.2	24.2	36.2





#31

Naphthalene

Concen: 46.90 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

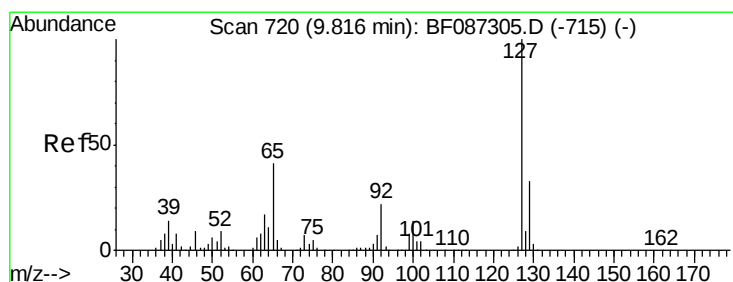
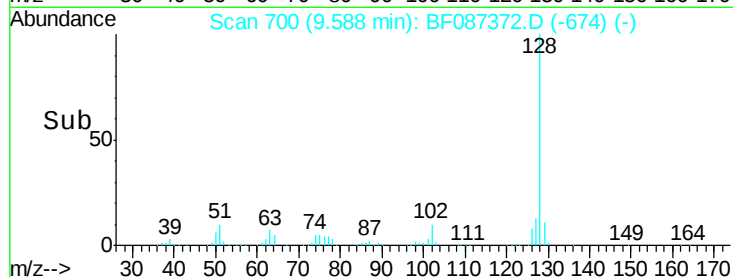
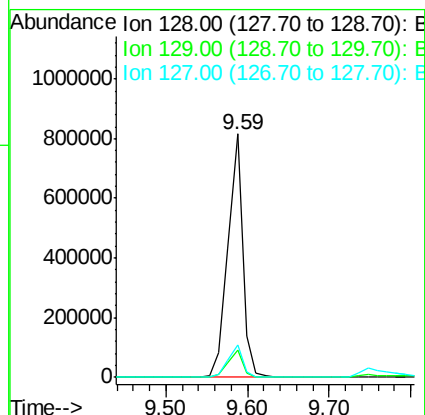
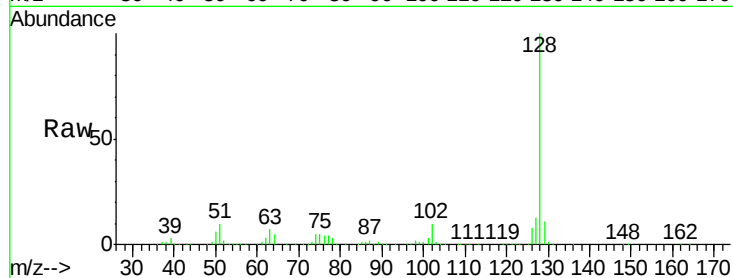
ClientSampled :

E-3(6.5-7)MS

Tot Ion:	128	Resp:	1026907
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.4	10.8	16.2

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#33

4-Chloroaniline

Concen: 12.57 ng

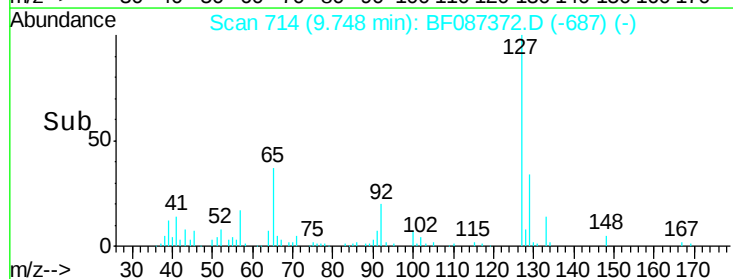
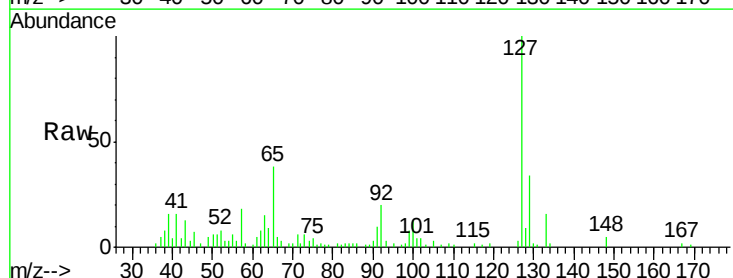
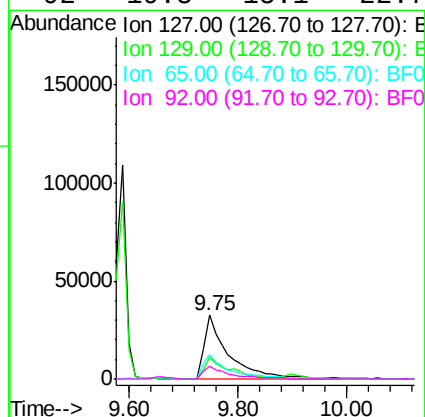
RT: 9.75 min Scan# 714

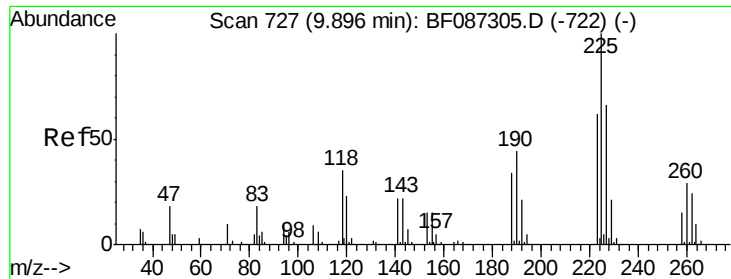
Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	127	Resp:	101376
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	37.9	23.0	34.4
92	19.8	15.1	22.7





#34

Hexachlorobutadiene

Concen: 39.72 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

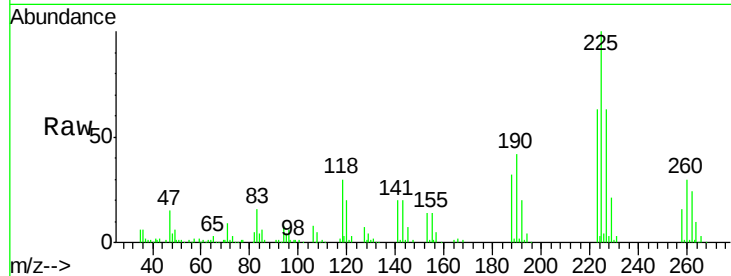
ClientSampleId :

E-3(6.5-7)MS

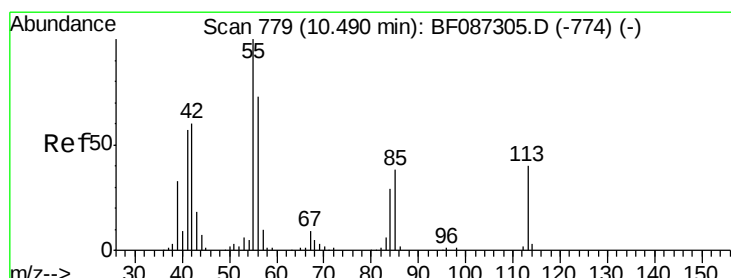
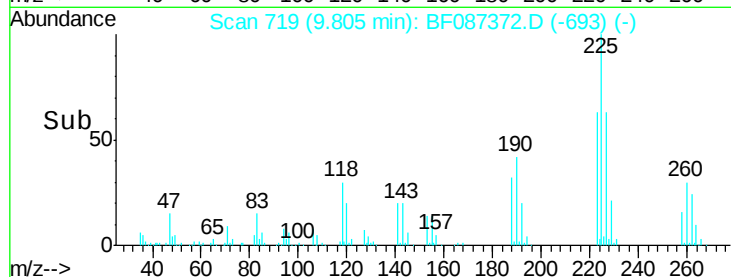
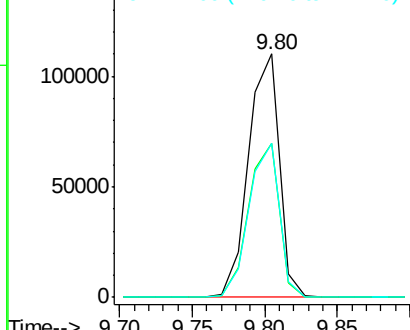
Tot Ion:	225	Resp:	161746
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.5	77.3
227	63.2	52.2	78.2

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



#35

Caprolactam

Concen: 48.78 ng m

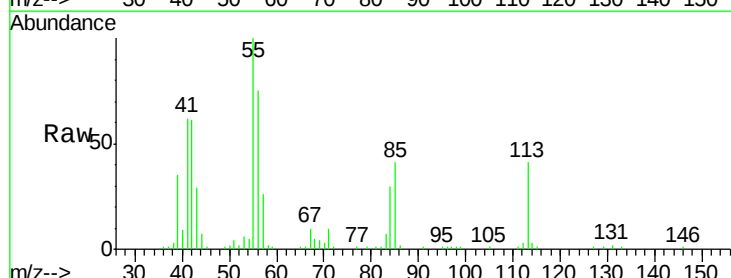
RT: 10.34 min Scan# 766

Delta R.T. -0.05 min

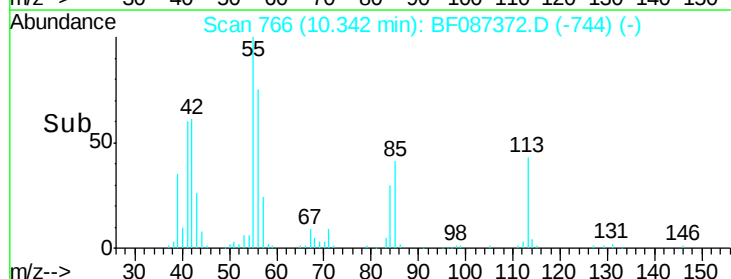
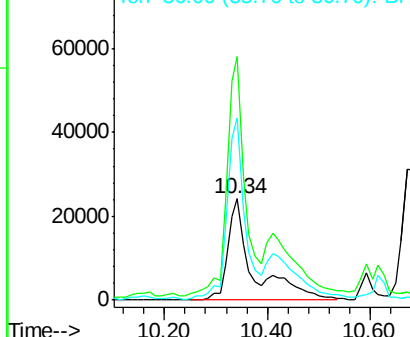
Lab File: BF087372.D

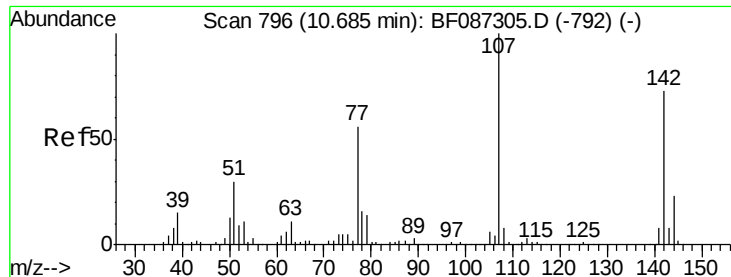
Acq: 25 May 2016 15:02

Tgt Ion:	113	Resp:	83312
Ion Ratio	Lower	Upper	
113	100		
55	241.2	162.0	202.0#
56	180.1	115.3	155.3#



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





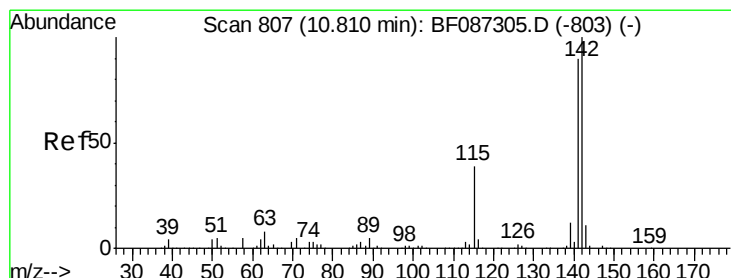
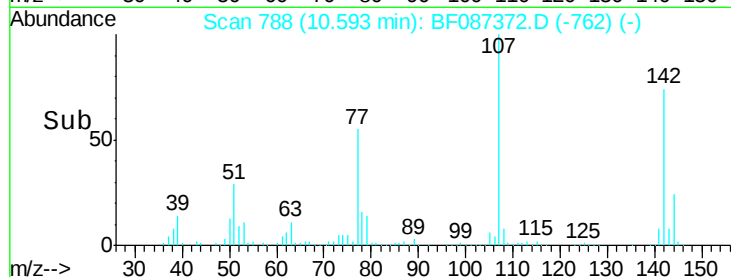
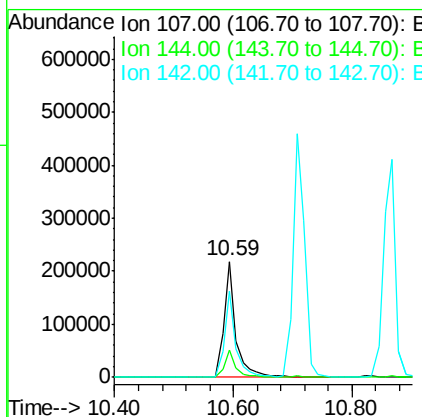
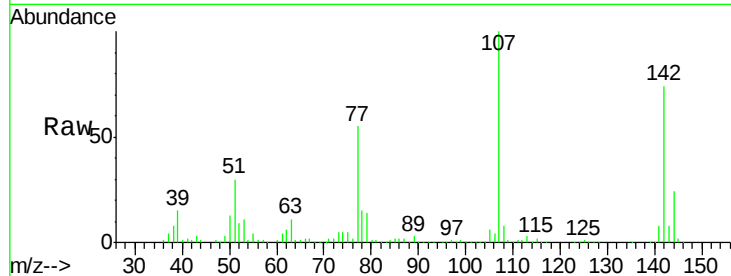
#36
 4-Chloro-3-methylphenol
 Concen: 46.00 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.7	31.1
142	73.9	63.2	94.8

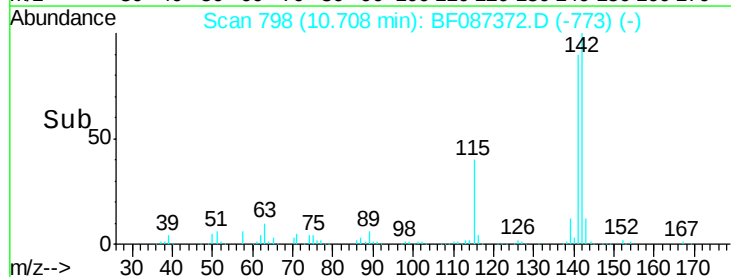
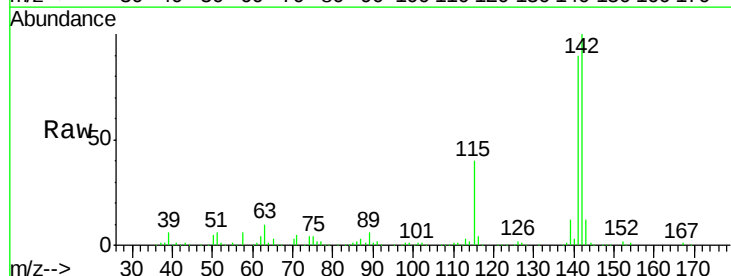
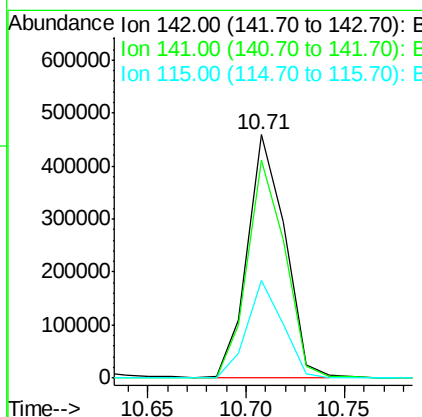
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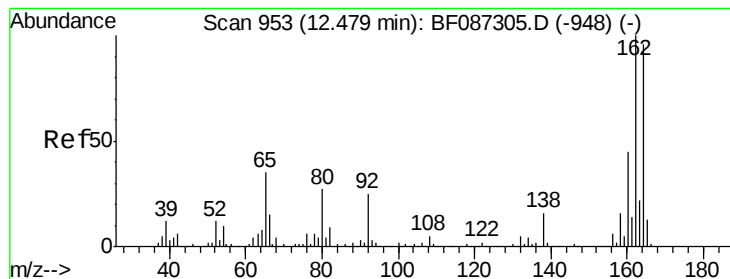
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#37
 2-Methylnaphthalene
 Concen: 44.98 ng m
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	40.0	26.6	39.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

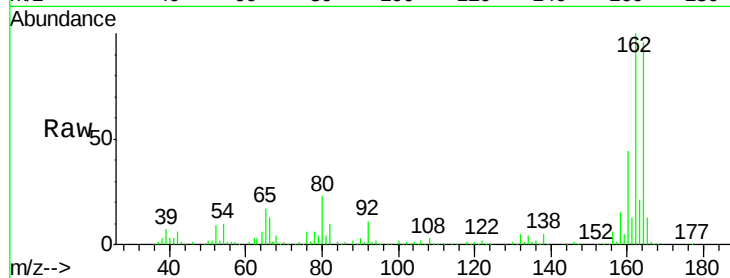
ClientSampleId :

E-3(6.5-7)MS

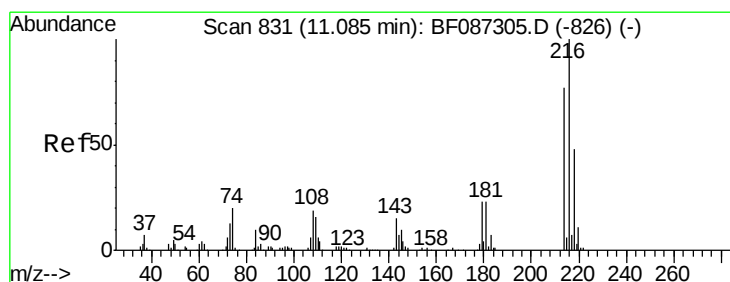
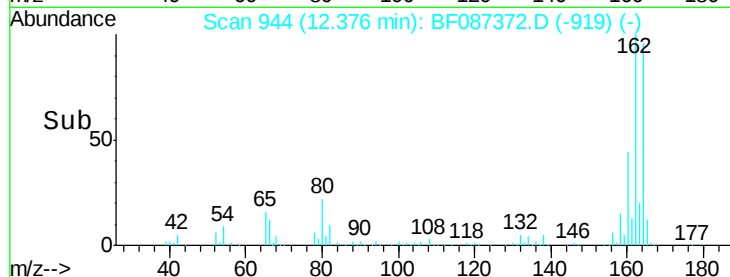
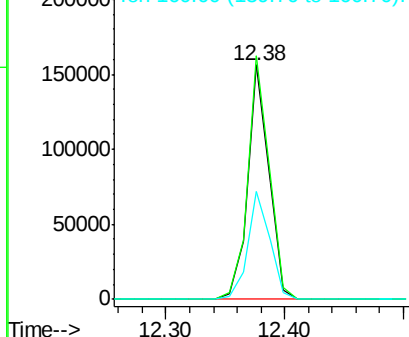
Tot Ion:	164	Resp:	194582
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.8	124.2
160	46.0	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.55 ng

RT: 10.98 min Scan# 822

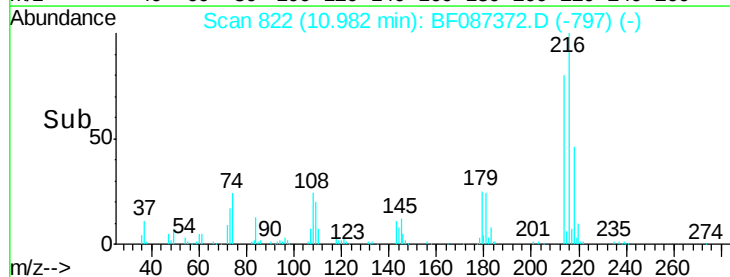
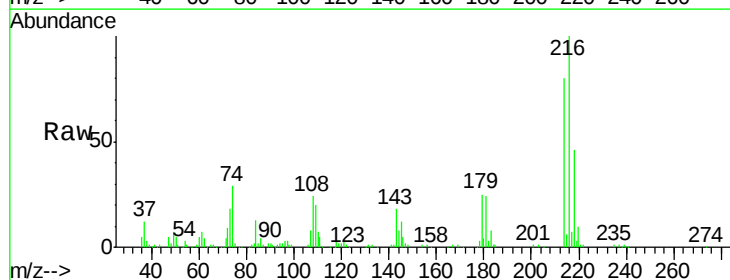
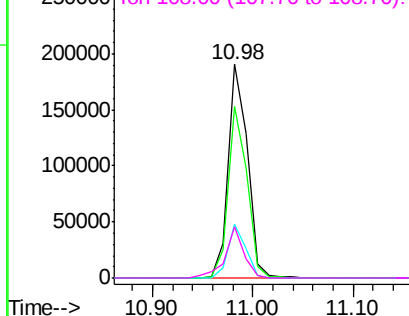
Delta R.T. -0.01 min

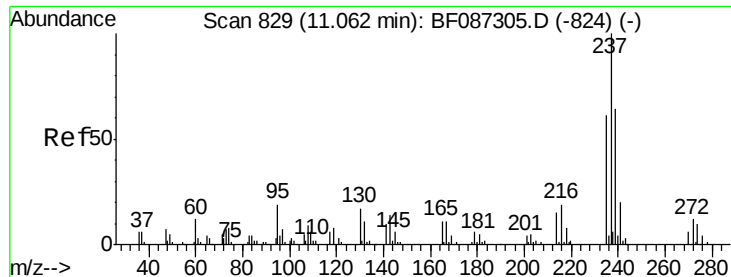
Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	216	Resp:	252572
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.6	93.8
179	23.8	18.2	27.4
108	23.0	17.5	26.3

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





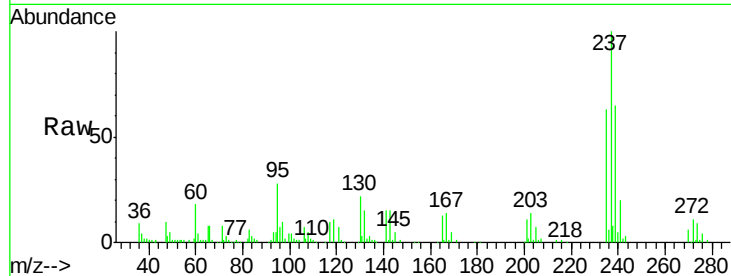
#40
Hexachlorocyclopentadiene
Concen: 53.81 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

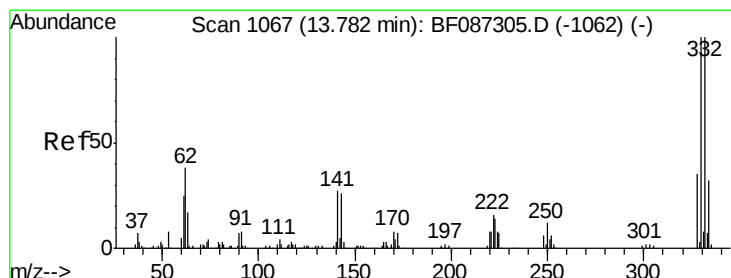
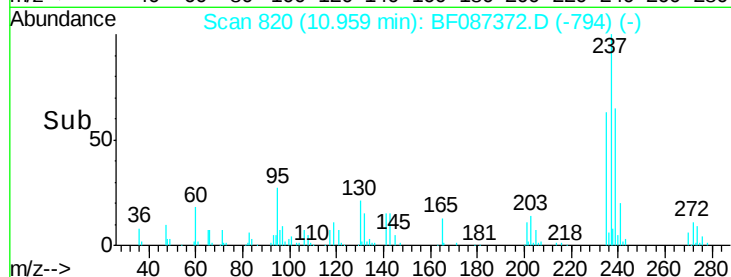
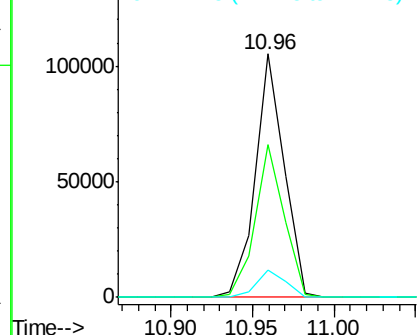
Tot Ion	Ion	Ratio	Resp Lower	Upper
237	100			
235	62.8	47.2	87.2	
272	11.3	0.0	31.1	

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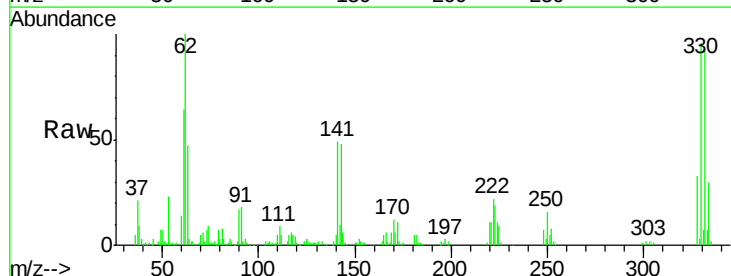


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

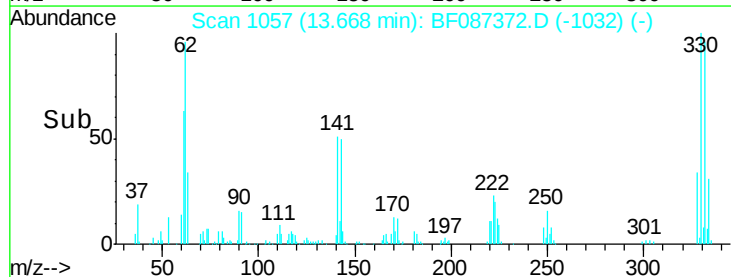
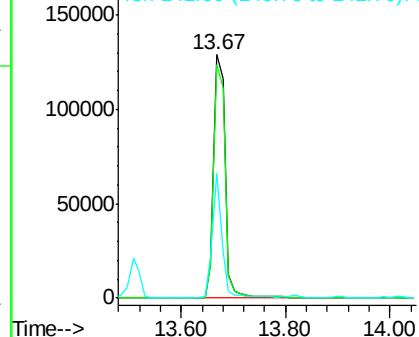


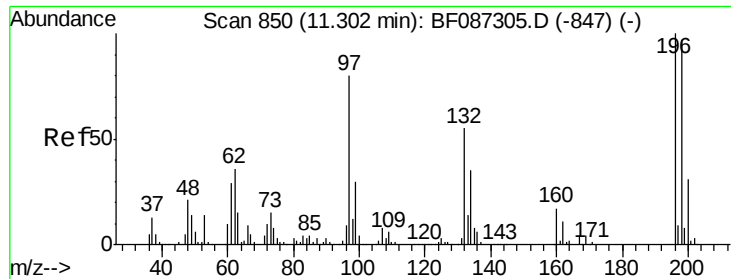
#41
2,4,6-Tribromophenol
Concen: 106.35 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ion	Ratio	Resp Lower	Upper
330	100			
332	96.0	79.0	118.4	
141	41.5	31.2	46.8	



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





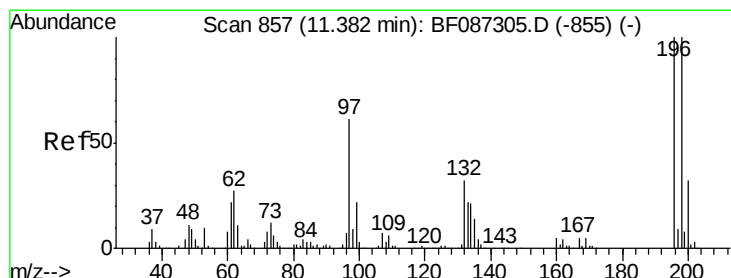
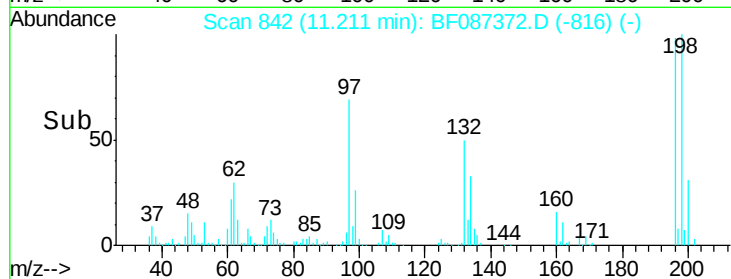
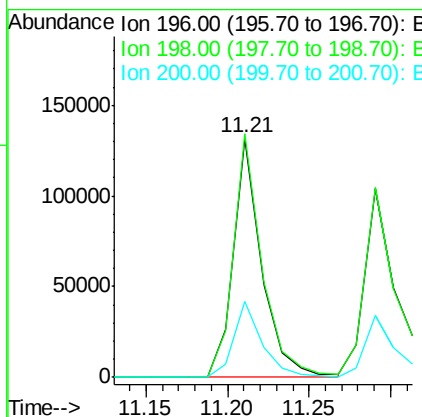
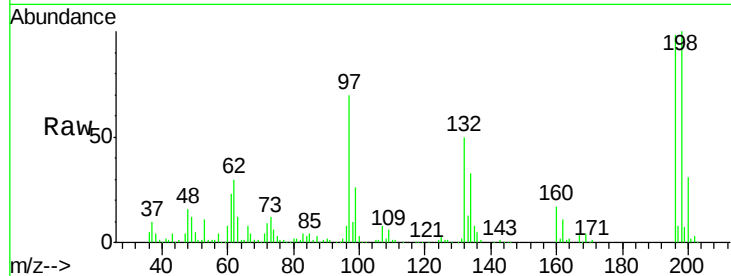
#42
2,4,6-Trichlorophenol
Concen: 44.13 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158643		
198	102.0	74.7	112.1	
200	31.8	23.8	35.6	

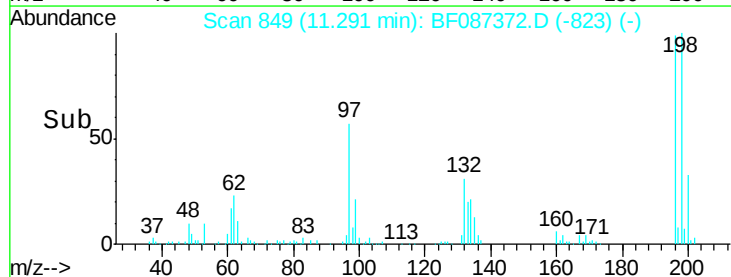
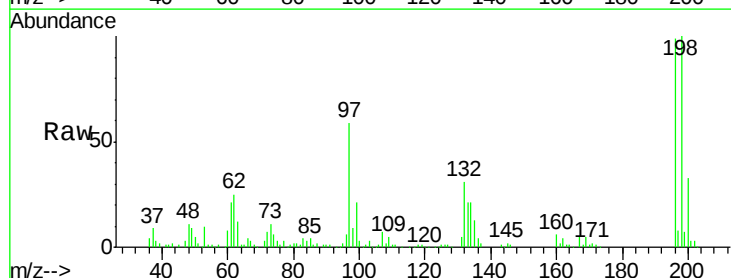
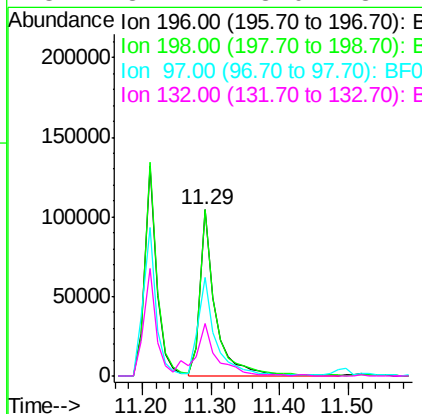
Manual Integrations
APPROVED

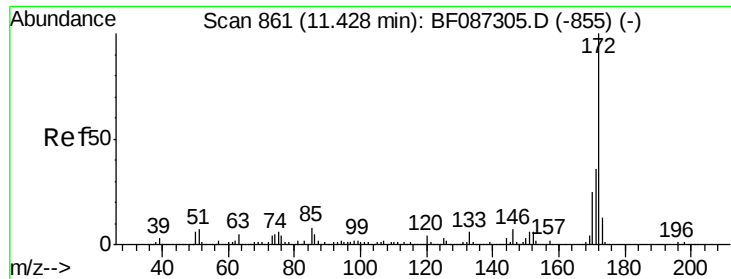
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#43
2,4,5-Trichlorophenol
Concen: 43.54 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159427		
198	100.6	77.5	116.3	
97	59.3	34.8	52.2	
132	31.7	23.0	34.4	





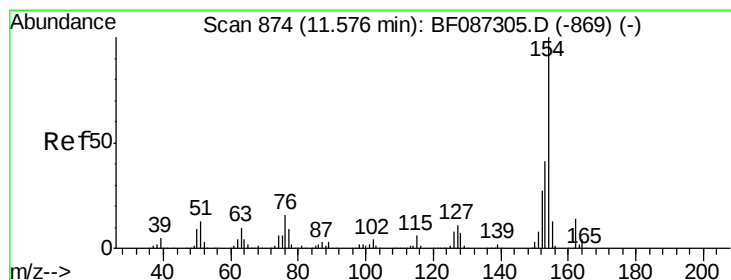
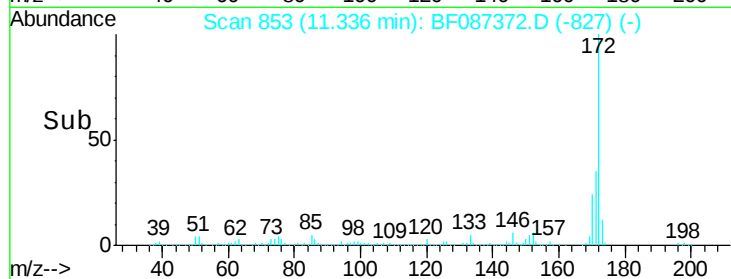
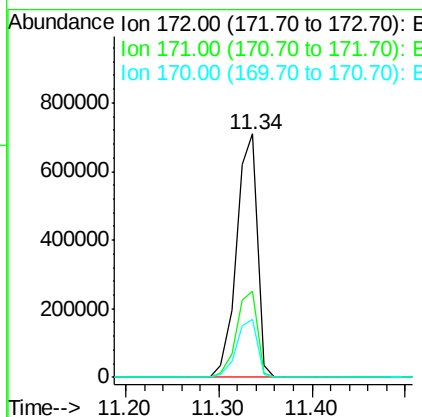
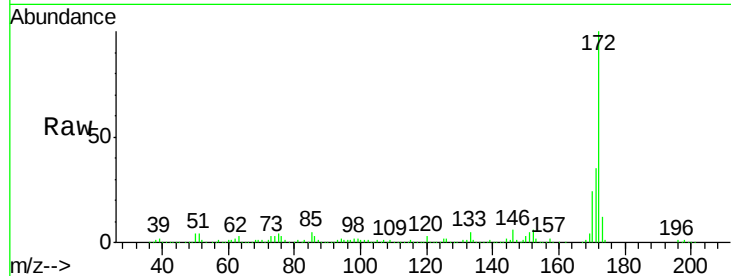
#44
2-Fluorobiphenyl
Concen: 79.35 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.7	19.8	29.8

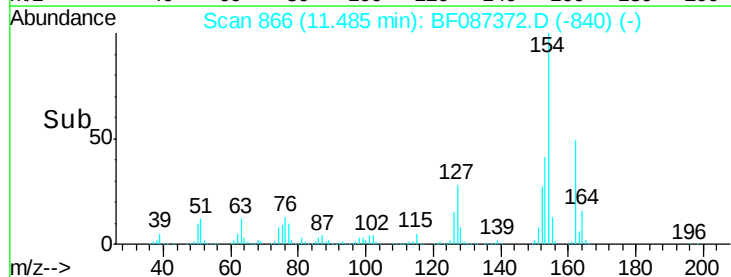
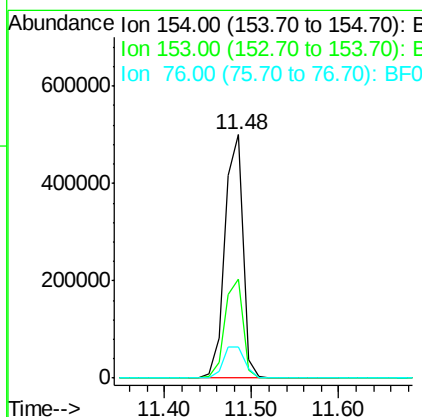
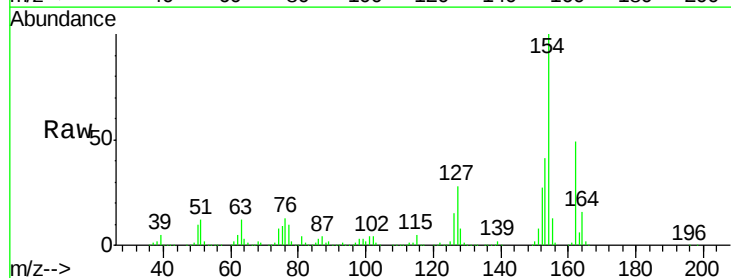
Manual Integrations
APPROVED

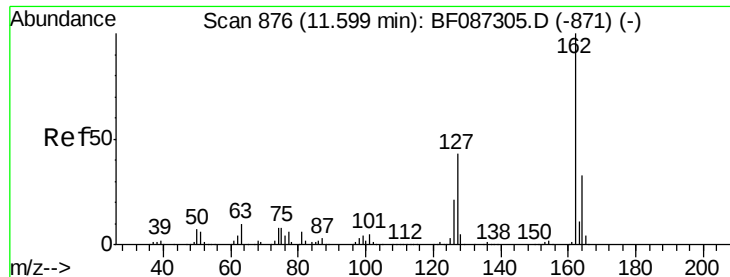
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#45
1,1'-Biphenyl
Concen: 44.22 ng
RT: 11.48 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	13.0	0.0	30.2





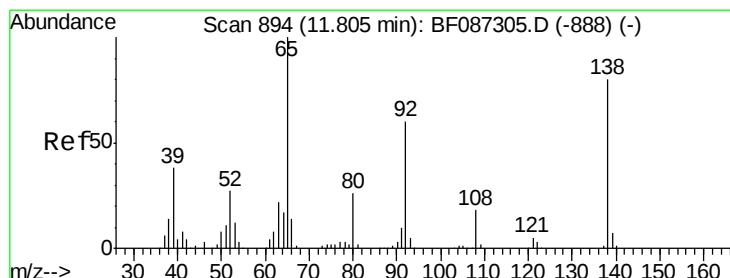
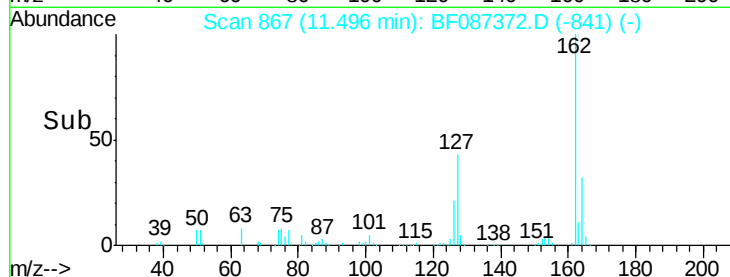
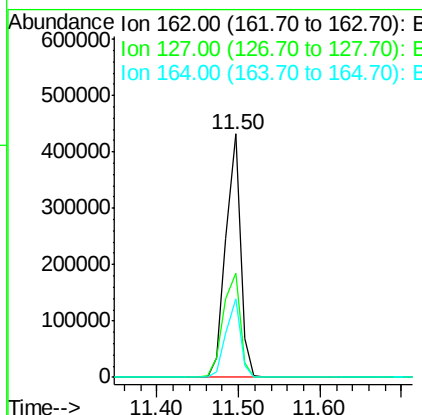
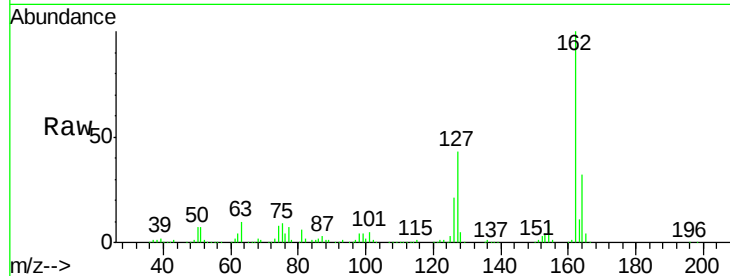
#46
2-Chloronaphthalene
Concen: 43.35 ng
RT: 11.50 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	543386		
127	42.7		31.8	47.6
164	32.3		27.0	40.6

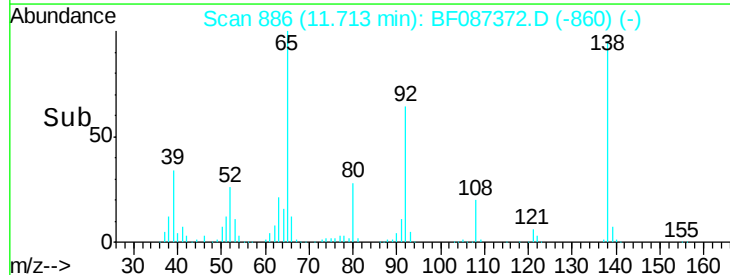
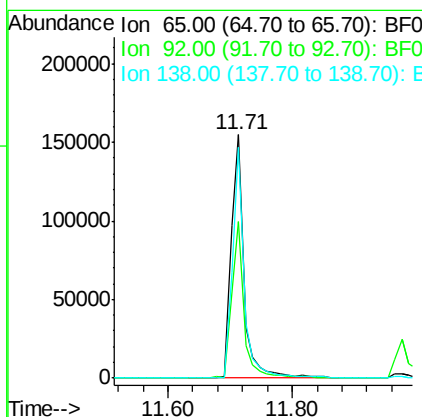
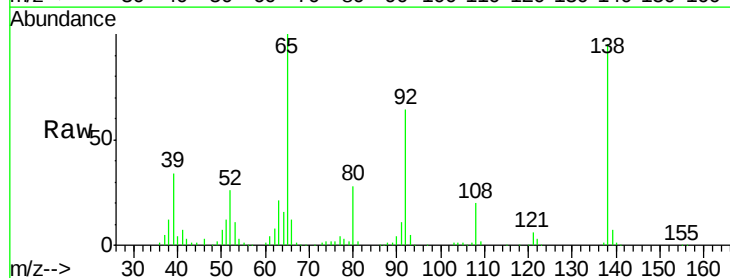
Manual Integrations
APPROVED

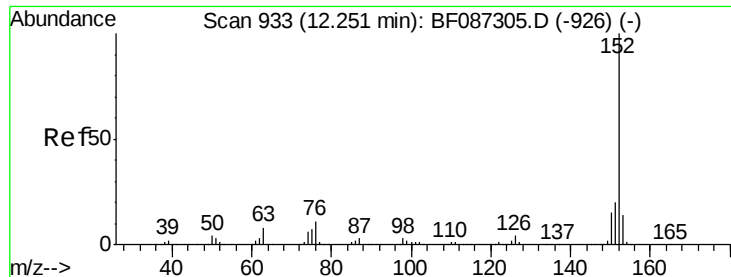
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#47
2-Nitroaniline
Concen: 49.62 ng
RT: 11.71 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	224057		
92	64.1		57.4	86.2
138	94.8		90.1	135.1





#48

Acenaphthylene

Concen: 42.87 ng

RT: 12.15 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

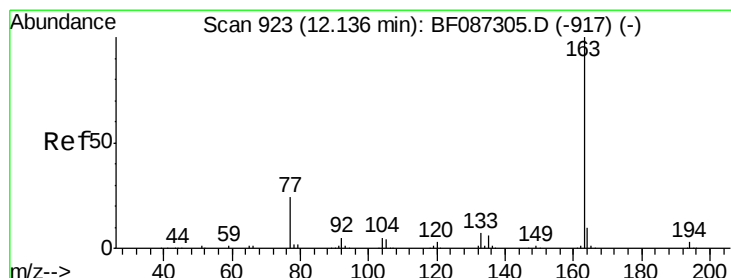
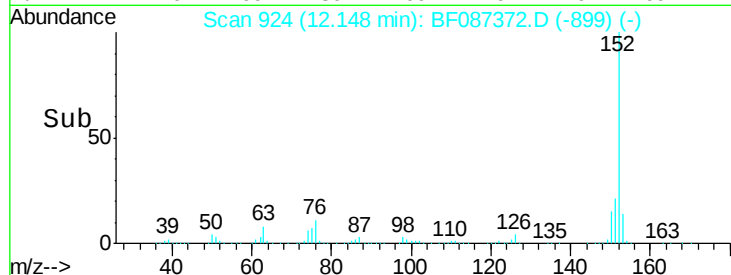
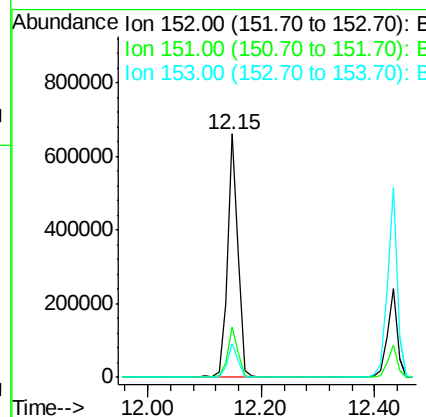
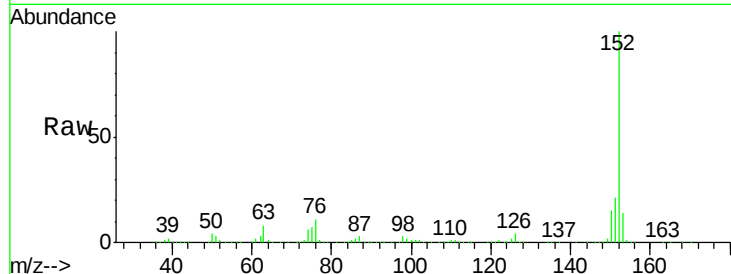
ClientSampleId :

E-3(6.5-7)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		850599		
151	20.6	16.8	25.2		
153	14.0	10.9	16.3		

Manual Integrations
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#49

Dimethylphthalate

Concen: 59.62 ng

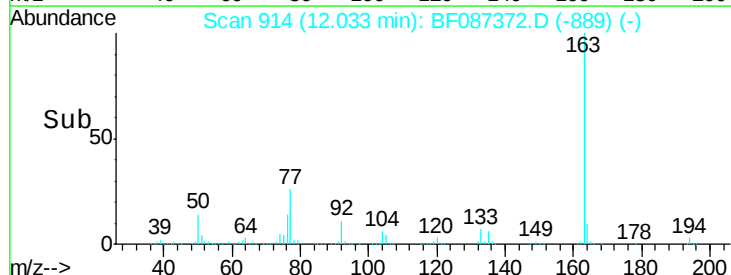
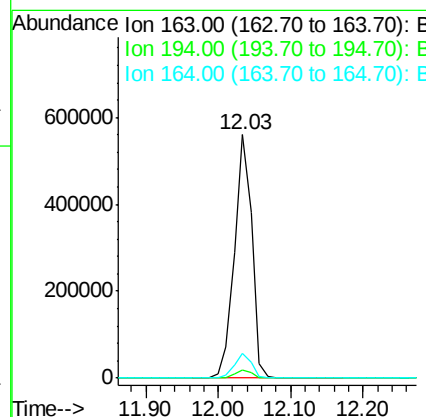
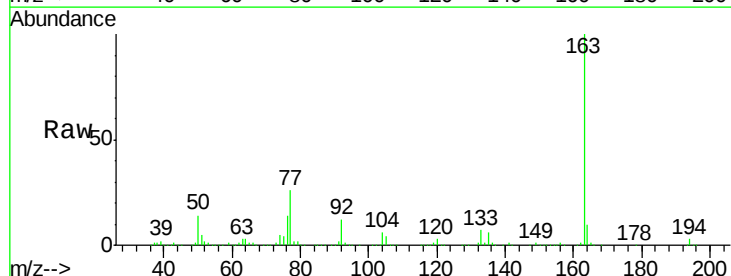
RT: 12.03 min Scan# 914

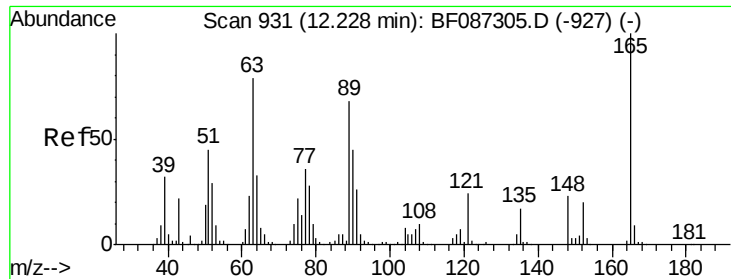
Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		929330		
194	3.1	2.6	4.0		
164	10.3	8.2	12.4		





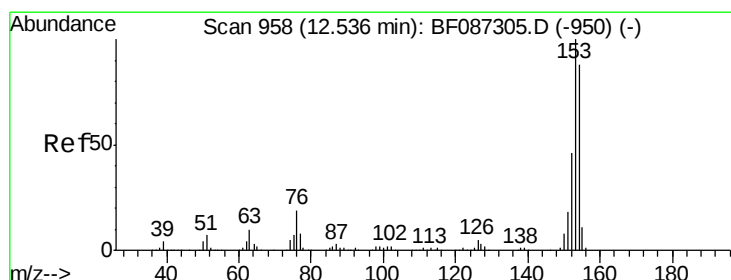
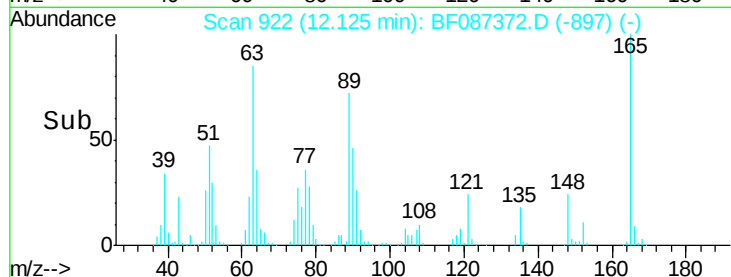
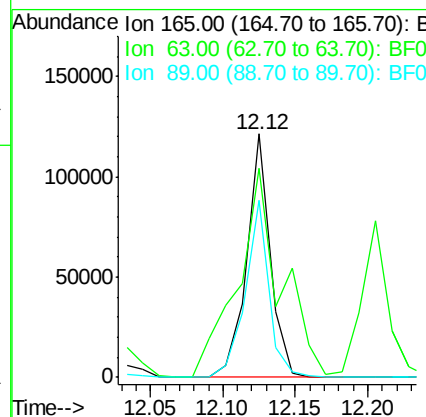
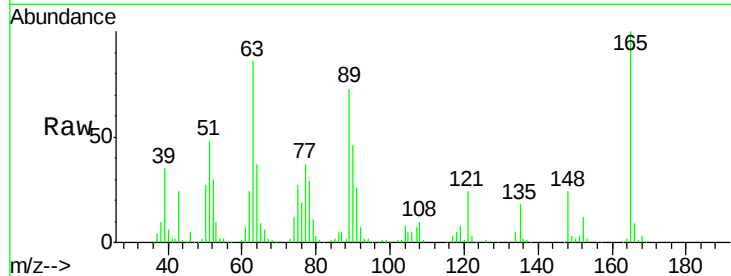
#50
2,6-Dinitrotoluene
Concen: 43.71 ng
RT: 12.12 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	85.7	51.8	77.8#	
89	72.7	50.7	76.1	

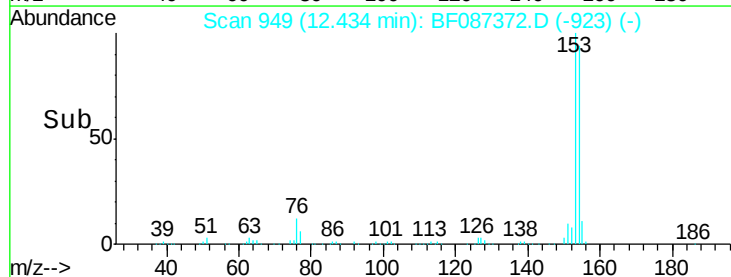
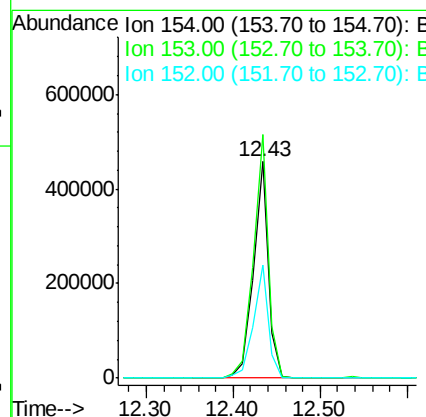
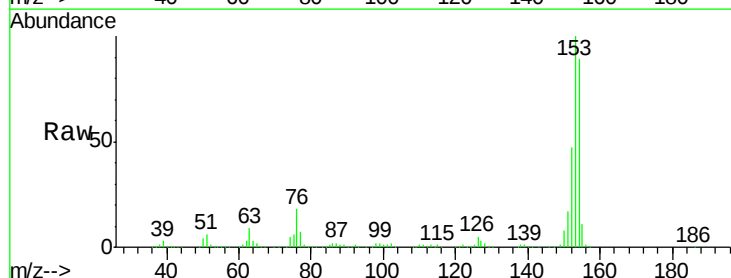
Manual Integrations
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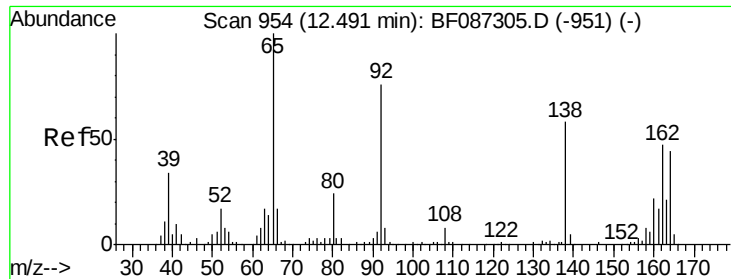
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#51
Acenaphthene
Concen: 45.19 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.4	89.8	134.6	
152	52.3	43.4	65.0	





#52

3-Nitroaniline

Concen: 33.33 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

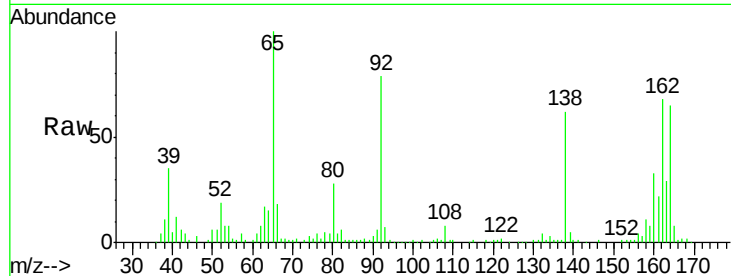
ClientSampleId :

E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.6	7.8	11.6#
92	127.7	87.8	131.8

Manual Integrations
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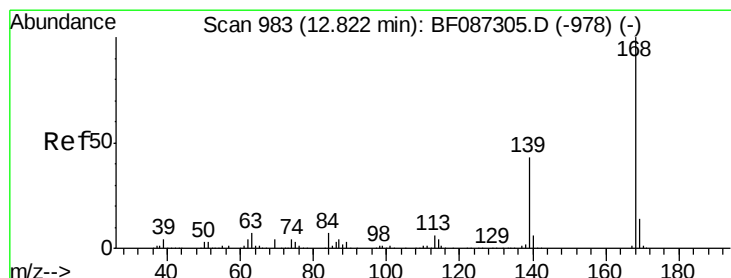
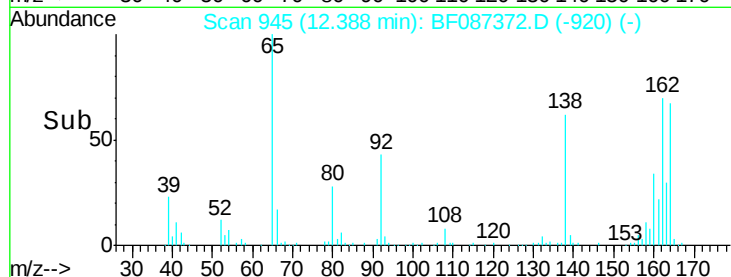
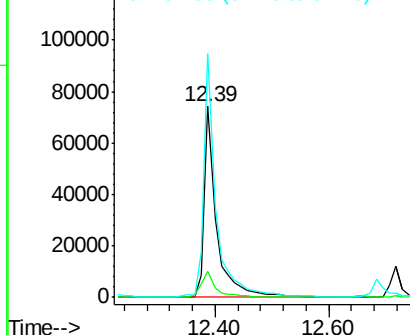
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 47.56 ng

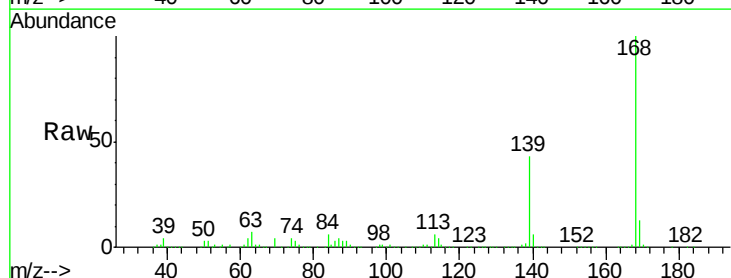
RT: 12.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

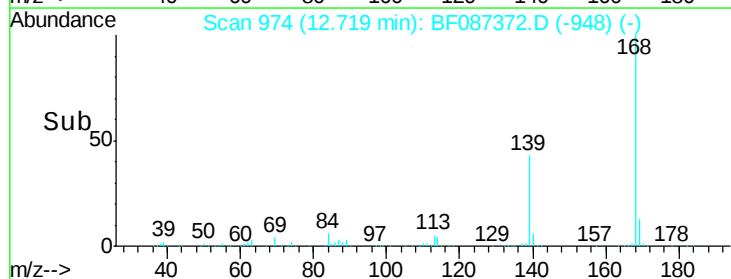
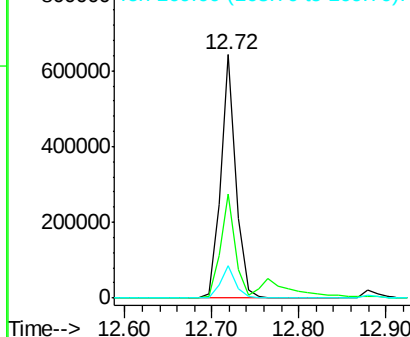
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.9	31.4	47.0
169	13.4	10.7	16.1

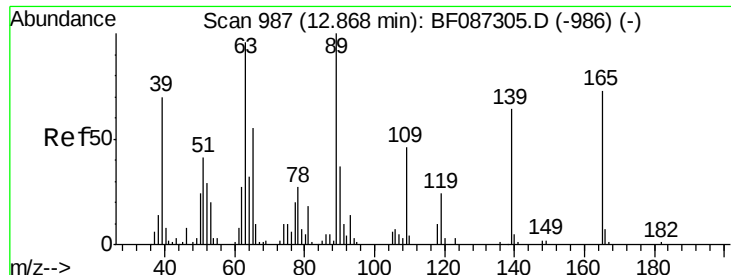


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





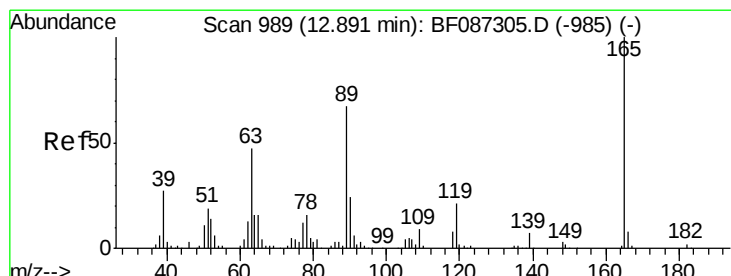
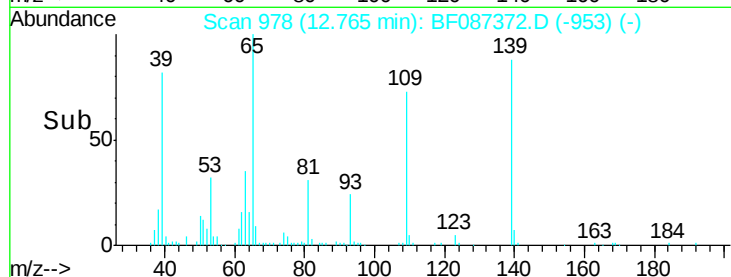
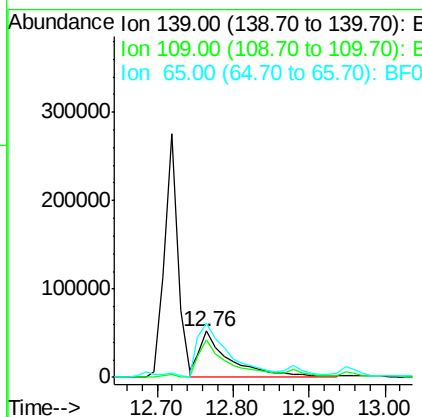
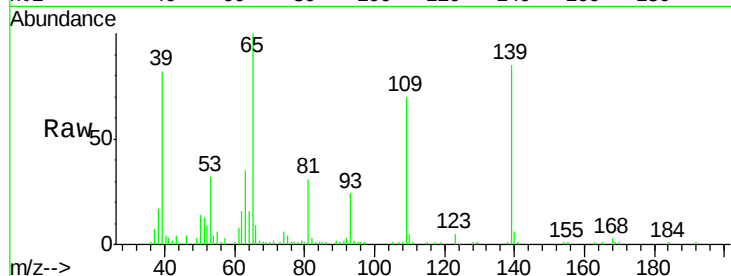
#55
4-Nitrophenol
Concen: 97.09 ng/mL
RT: 12.76 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	149293		
109	82.0	36.9	76.9#	
65	117.3	64.0	104.0#	

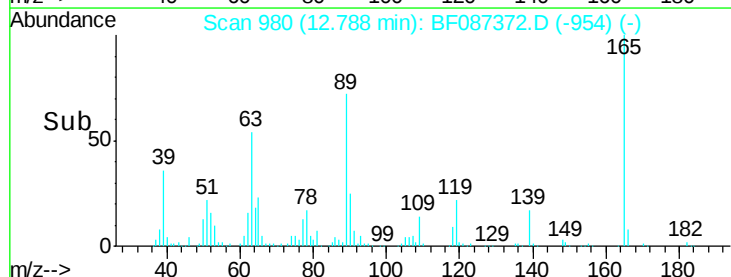
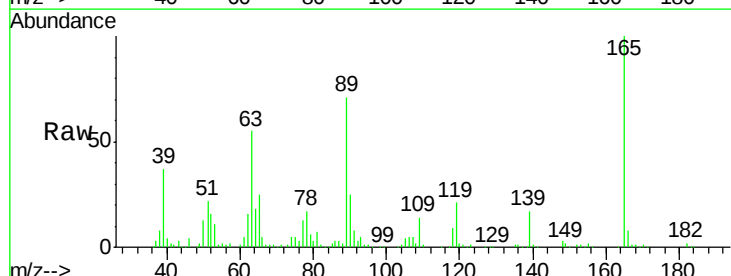
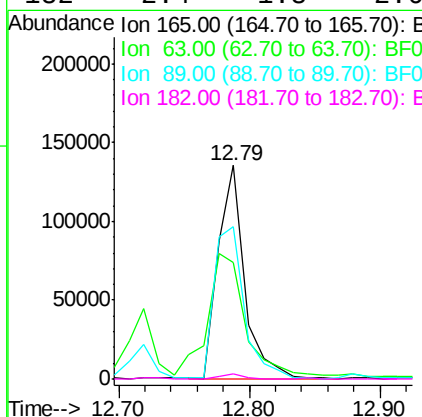
Manual Integrations
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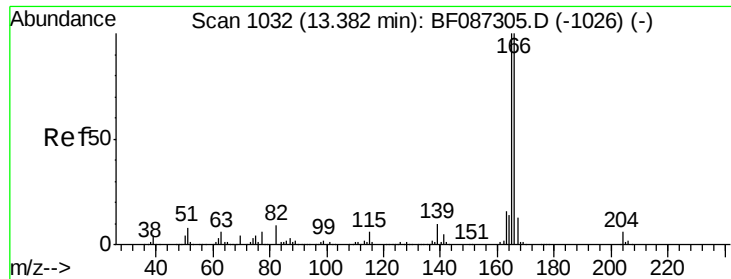
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#56
2,4-Dinitrotoluene
Concen: 45.42 ng/mL
RT: 12.79 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190653		
63	54.5	44.3	66.5	
89	71.2	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 45.15 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

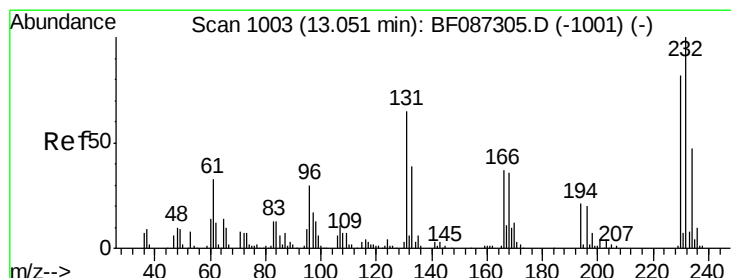
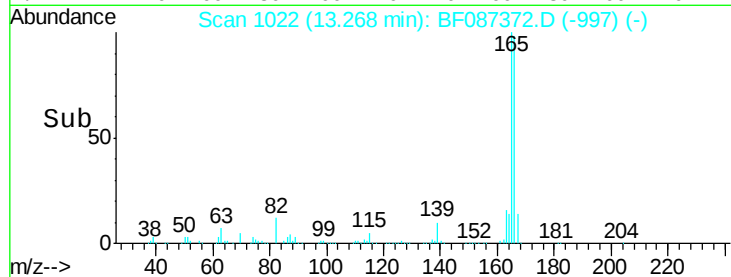
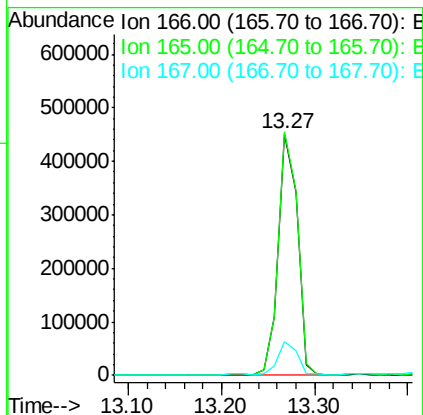
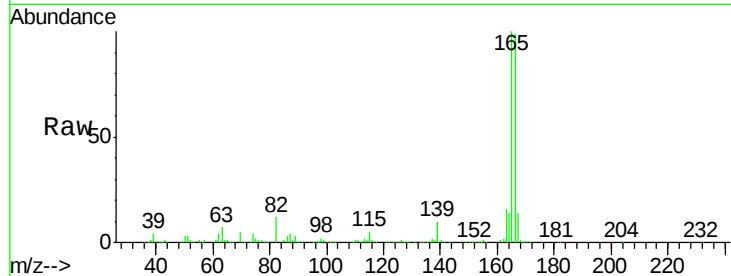
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	166	Resp:	646493
Ion Ratio	Lower	Upper	
166	100		
165	101.0	79.0	118.6
167	13.9	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.34 ng

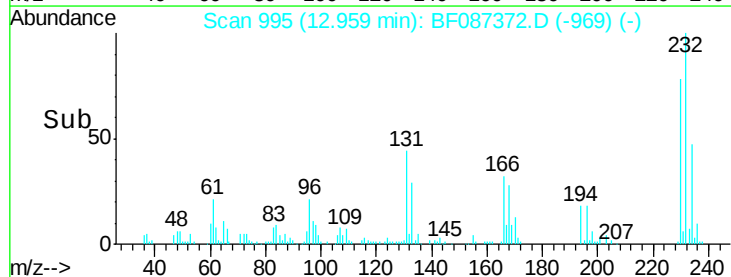
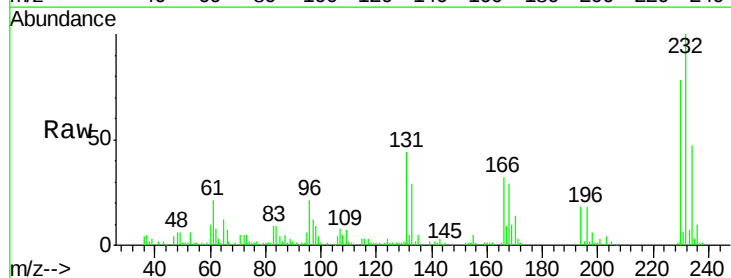
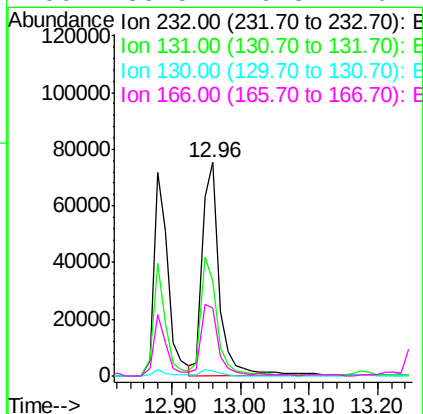
RT: 12.96 min Scan# 995

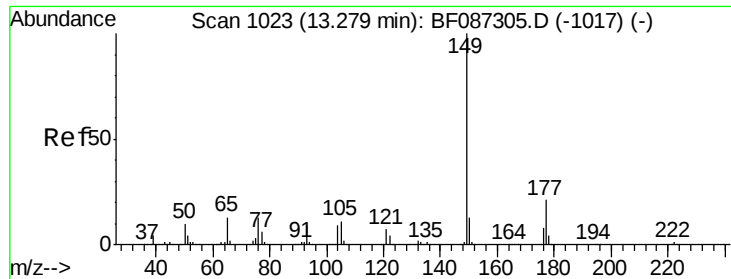
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	232	Resp:	127697
Ion Ratio	Lower	Upper	
232	100		
131	53.8	41.9	62.9
130	3.3	2.2	3.4
166	35.5	26.8	40.2





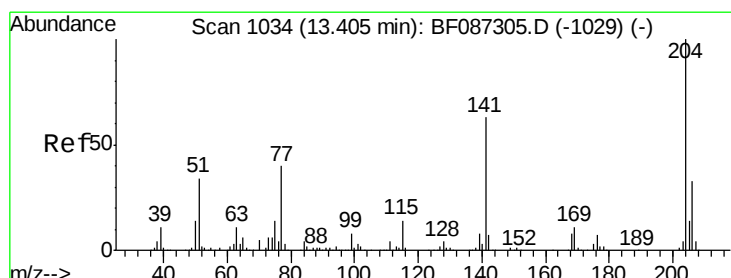
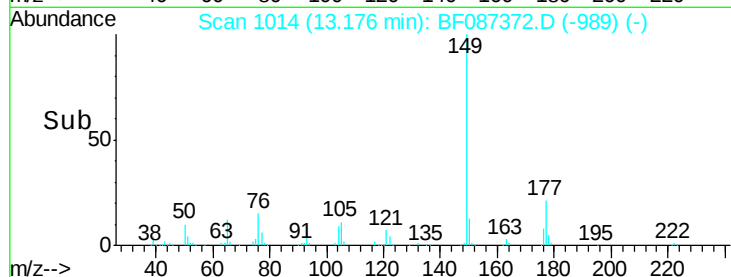
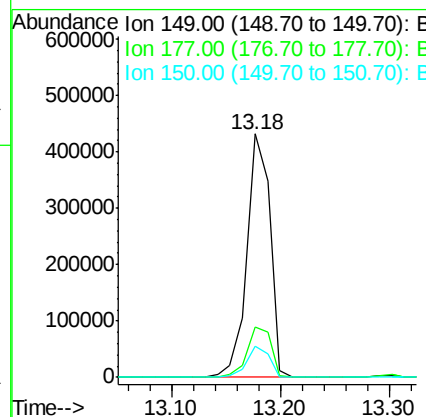
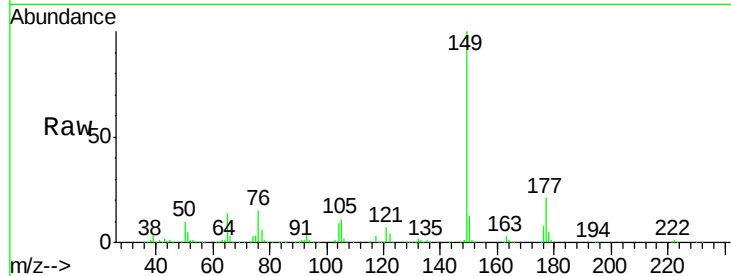
#59
Diethylphthalate
Concen: 41.88 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	634642		
177	20.9	16.6	24.8	
150	12.9	10.0	15.0	

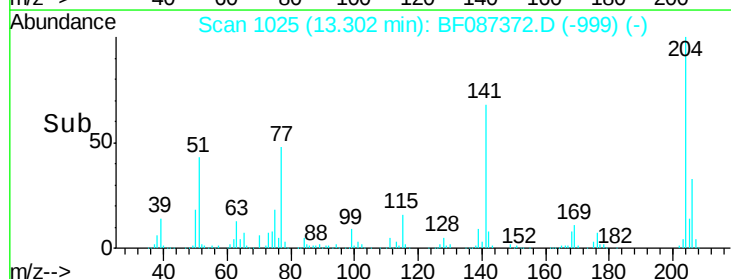
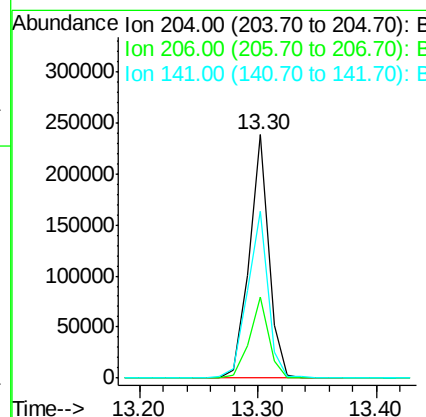
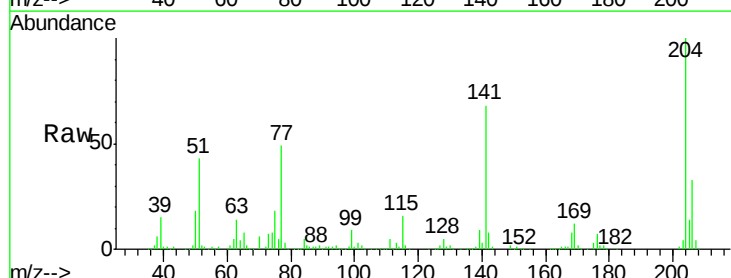
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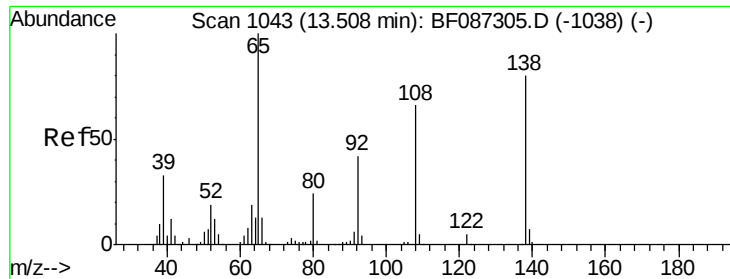
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#60
4-Chlorophenyl-phenylether
Concen: 39.53 ng
RT: 13.30 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	275994		
206	33.2	25.4	38.0	
141	68.3	61.6	92.4	





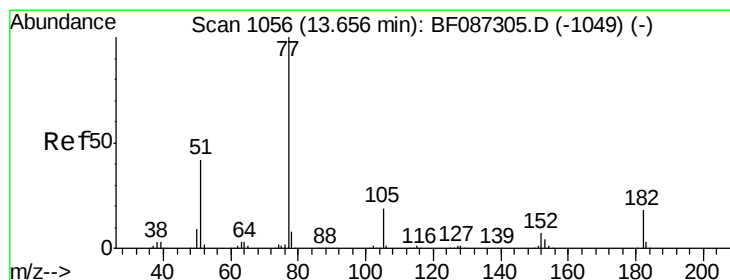
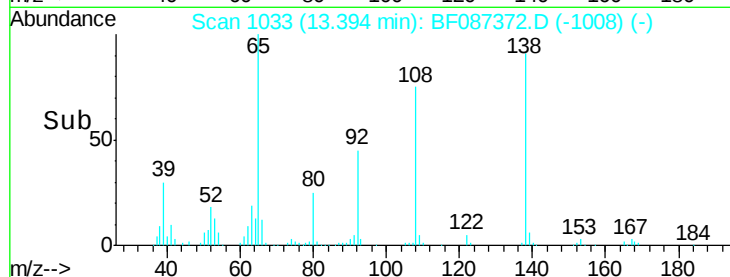
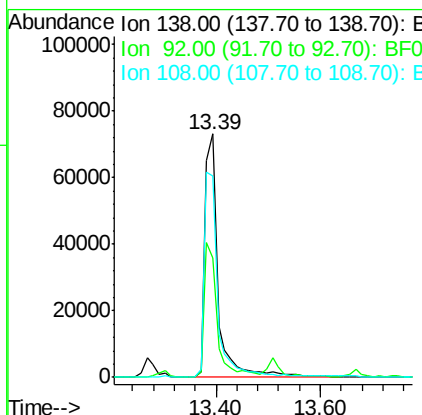
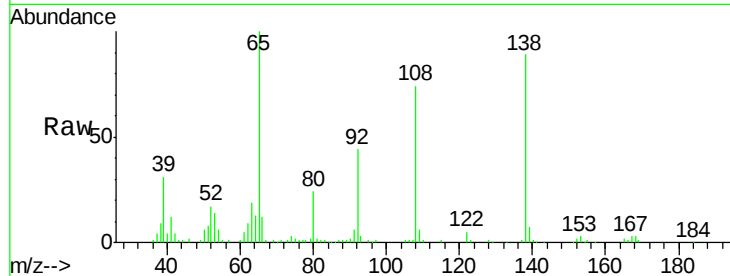
#61
4-Nitroaniline
Concen: 42.98 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampled :
E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	24.7	64.7
108	83.0	37.4	77.4

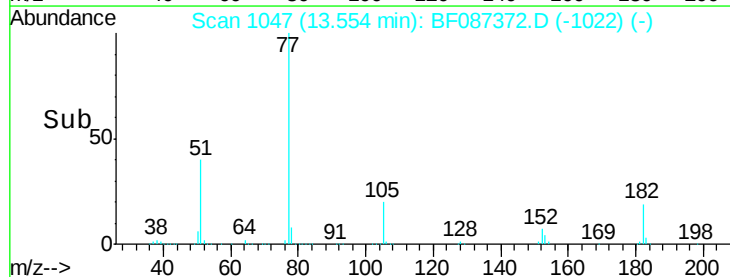
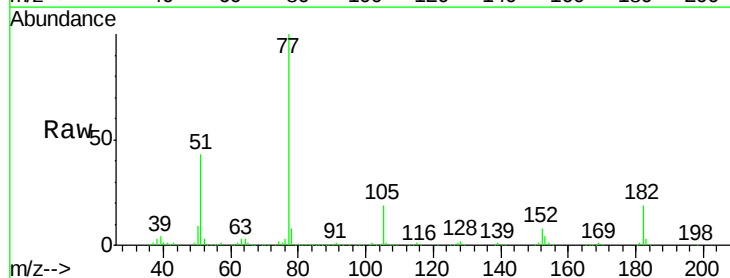
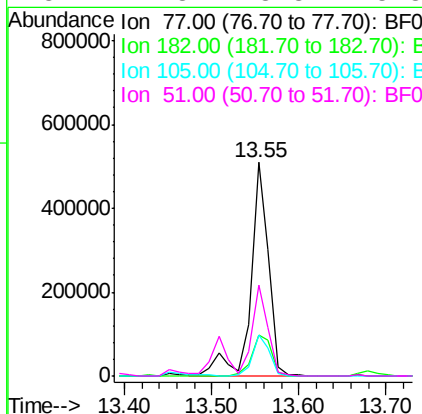
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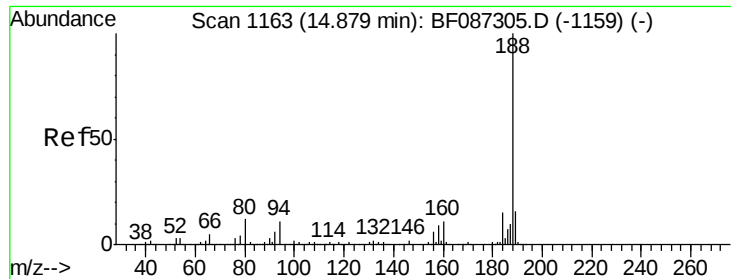
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#62
Azobenzene
Concen: 46.41 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	38.8
105	19.4	3.2	43.2
51	42.8	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

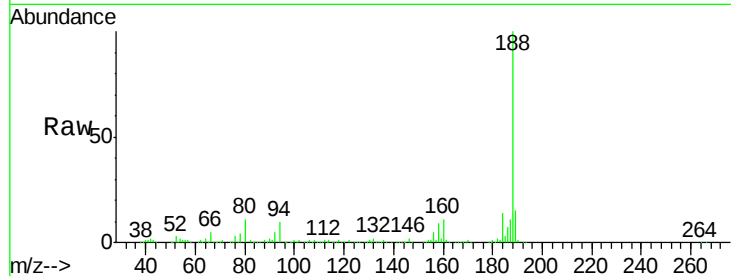
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	188	Resp:	339604
Ion Ratio	Lower	Upper	
188	100		
94	9.9	6.8	10.2
80	10.8	7.1	10.7#

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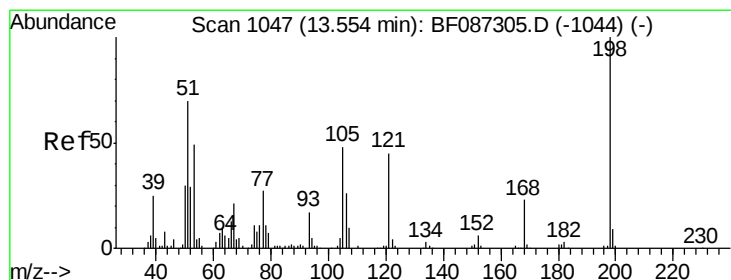
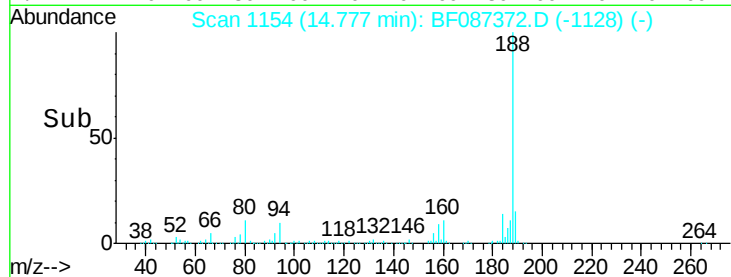
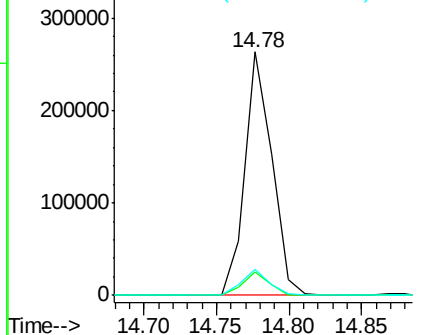
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 15.47 ng

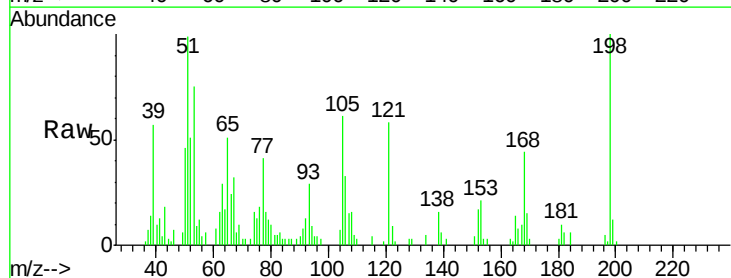
RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

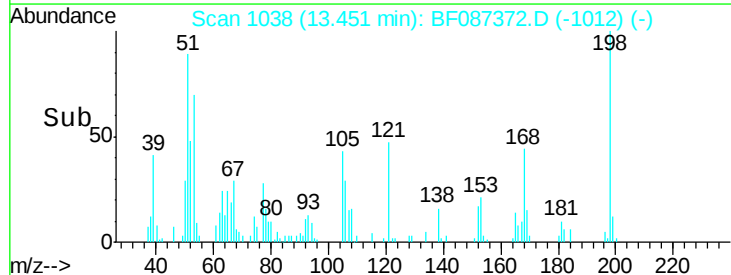
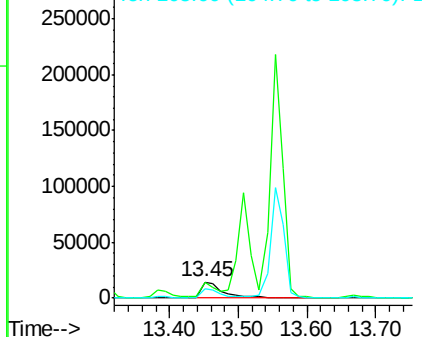
Tgt Ion:	198	Resp:	33412
Ion Ratio	Lower	Upper	
198	100		
51	99.3	20.5	60.5#
105	61.2	24.5	64.5

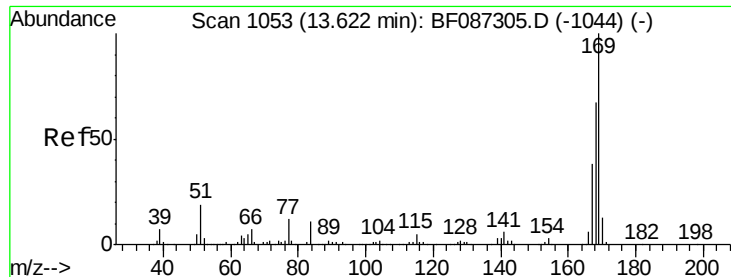


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.87 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

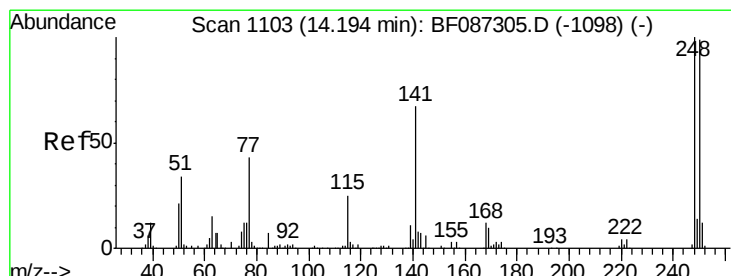
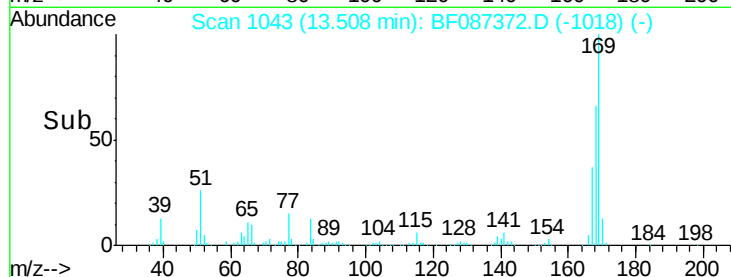
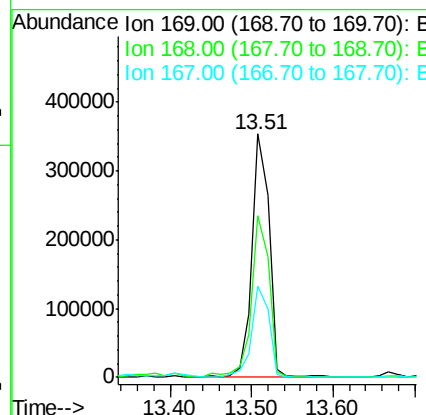
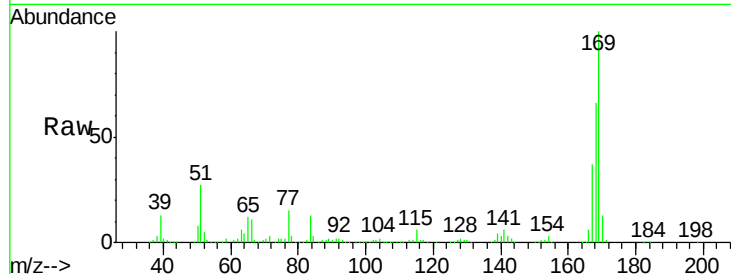
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	169	Resp:	514769
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.8	80.6
167	37.5	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 42.48 ng

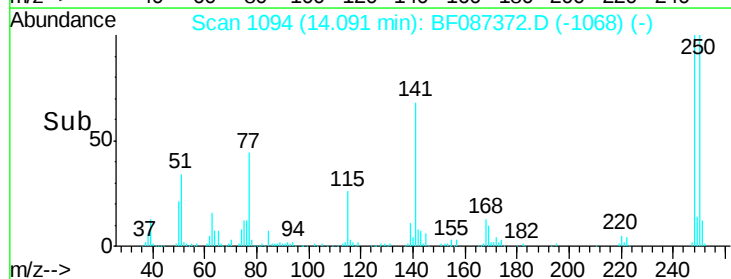
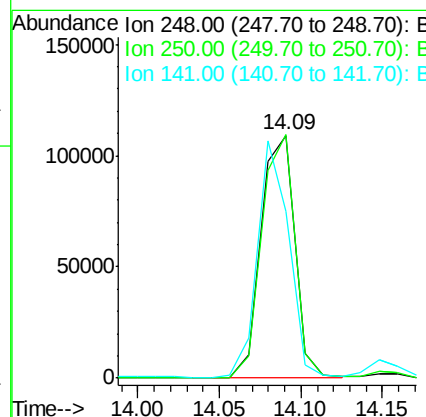
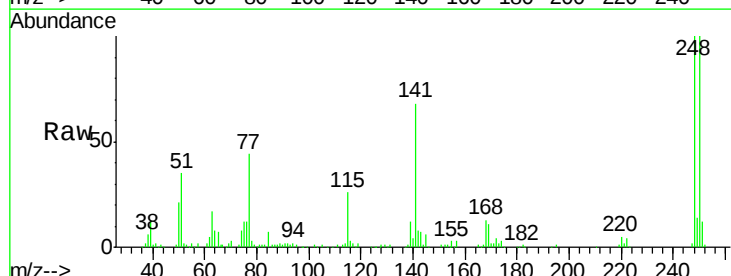
RT: 14.09 min Scan# 1094

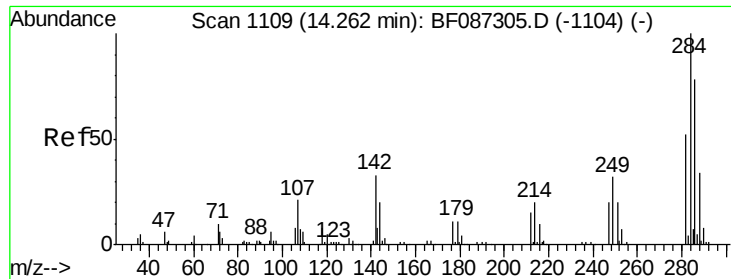
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	248	Resp:	157834
Ion Ratio	Lower	Upper	
248	100		
250	100.4	78.6	117.8
141	68.7	76.0	114.0#





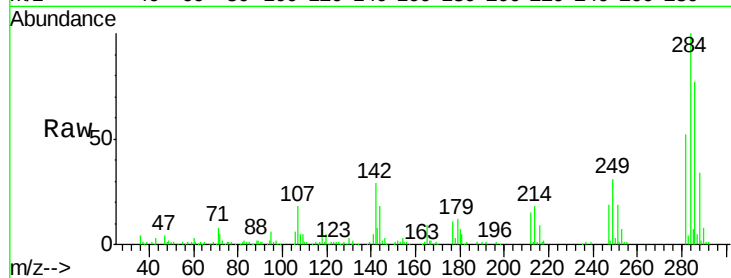
#67
Hexachlorobenzene
Concen: 41.44 ng
RT: 14.16 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

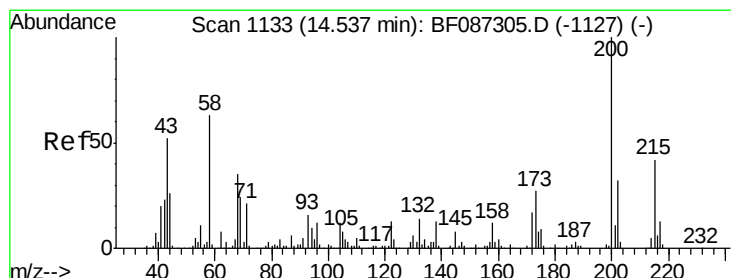
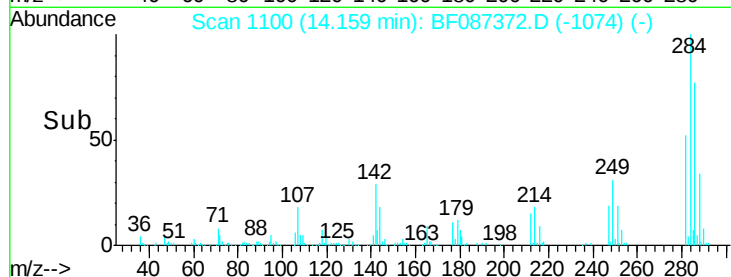
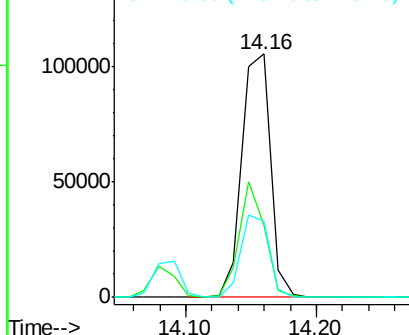
Tot Ion	Ratio	Resp	Lower	Upper
284	100	161042		
142	29.4	16.7	25.1	
249	31.1	21.3	31.9	

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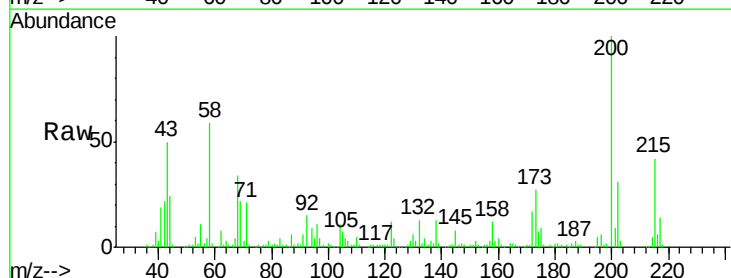


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

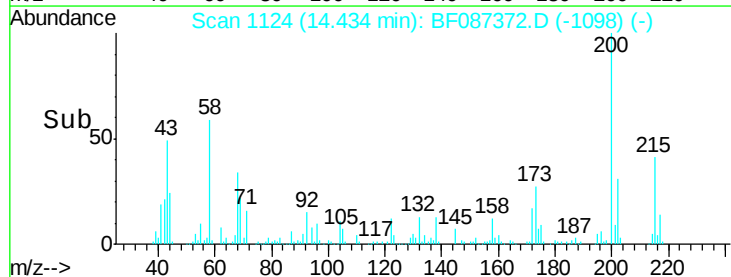
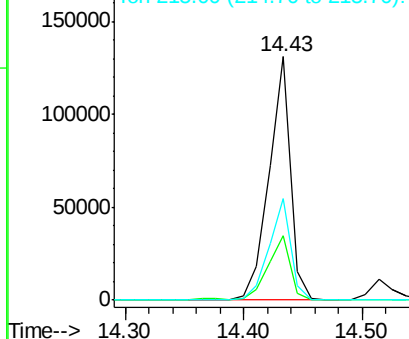


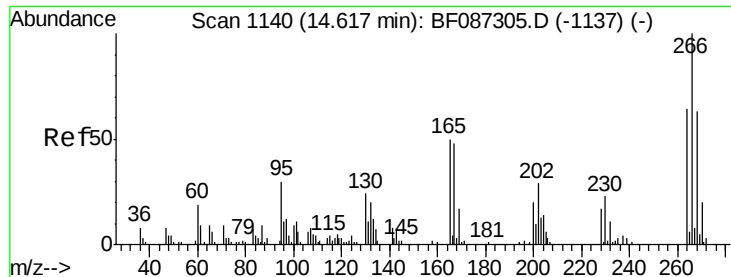
#68
Atrazine
Concen: 47.40 ng
RT: 14.43 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	165947		
173	26.6	8.5	48.5	
215	41.5	27.2	67.2	



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





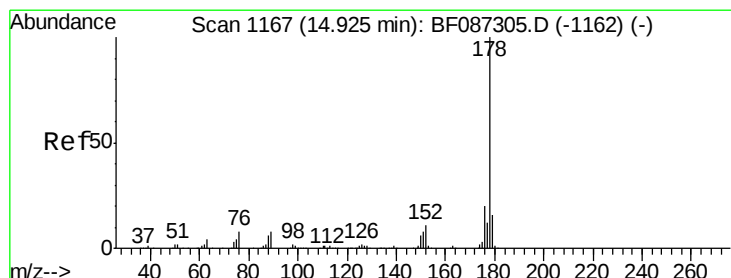
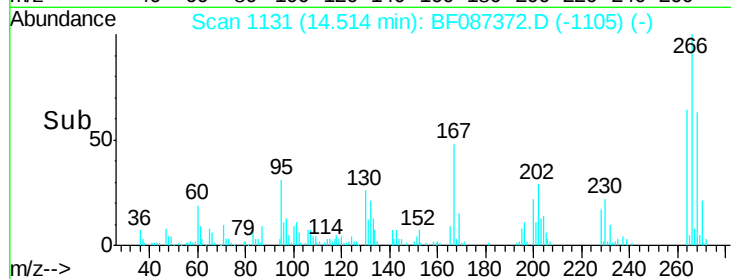
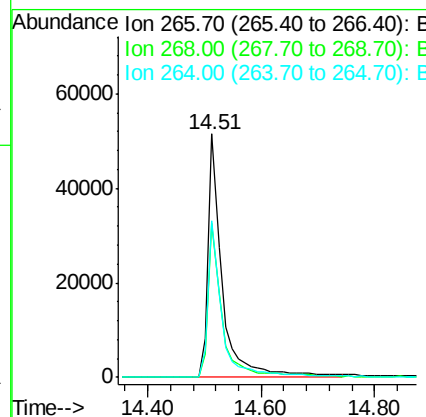
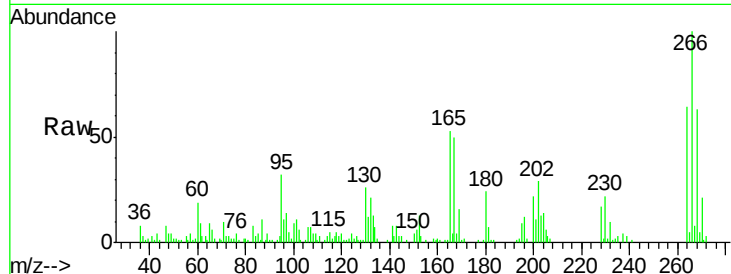
#69
 Pentachlorophenol
 Concen: 72.73 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tot Ion:	266	Resp:	87090
Ion Ratio	Lower	Upper	
266	100		
268	63.1	51.5	77.3
264	64.2	52.9	79.3

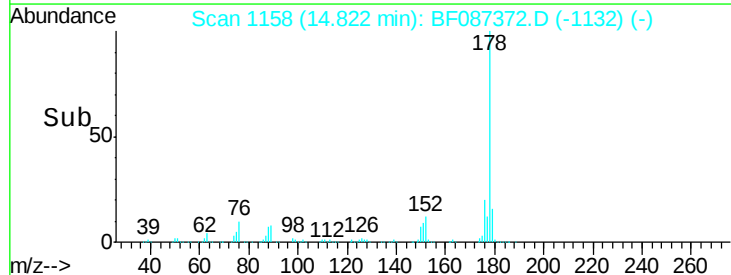
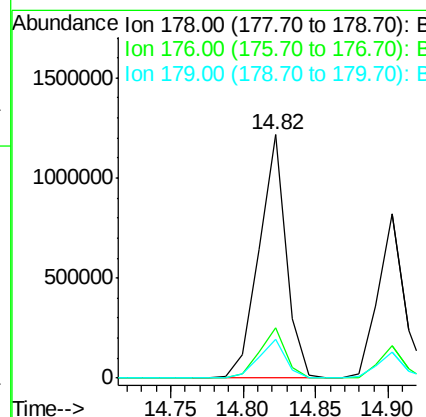
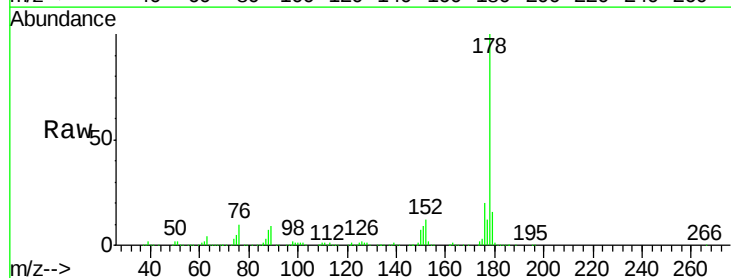
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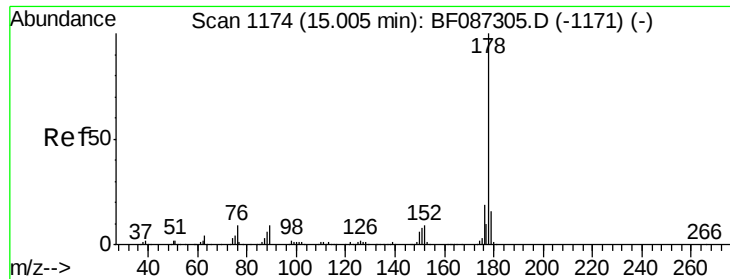
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#70
 Phenanthrene
 Concen: 84.29 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:	178	Resp:	1585656
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.0	24.0
179	15.7	12.6	18.8





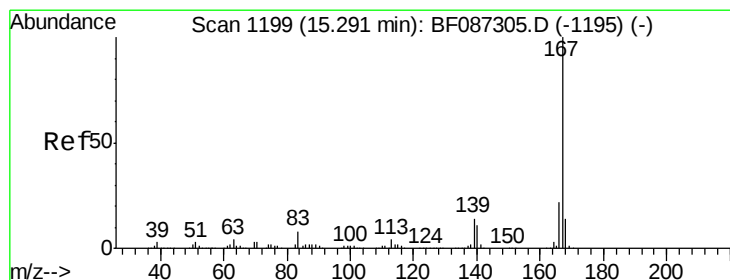
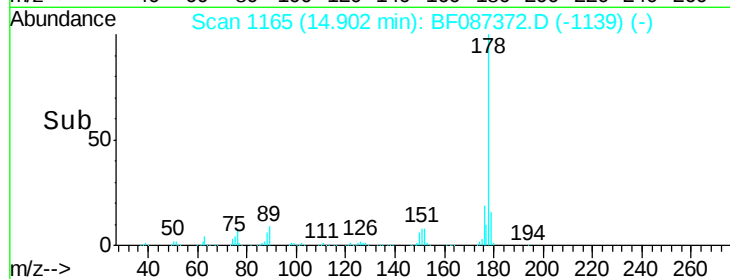
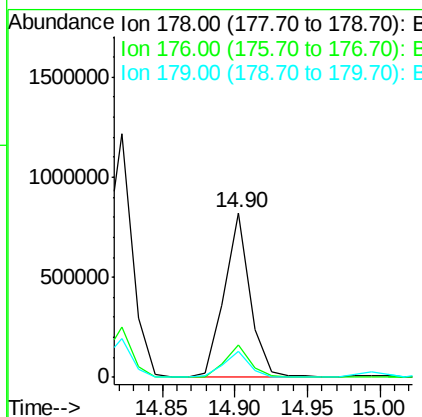
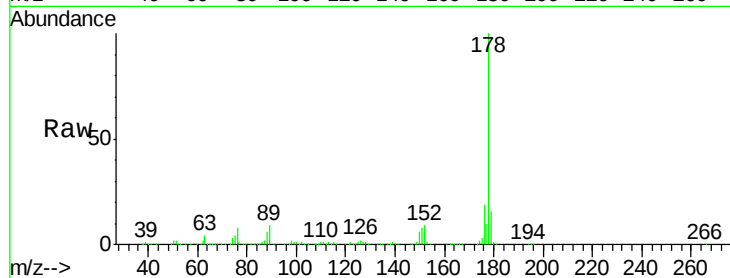
#71
 Anthracene
 Concen: 53.08 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tot Ion:178 Resp: 1008726
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.8 12.7 19.1

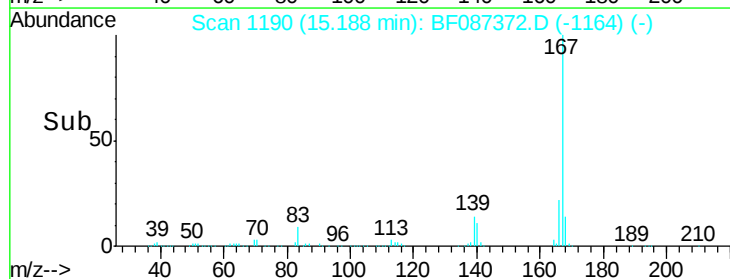
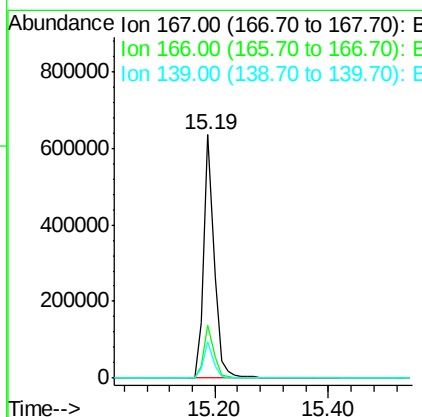
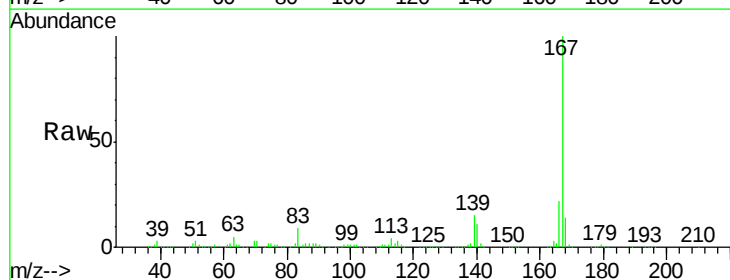
Manual Integrations
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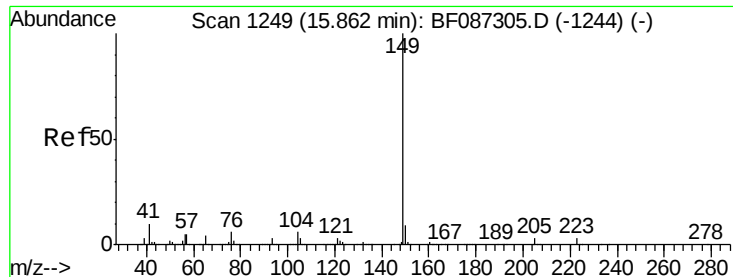
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#72
 Carbazole
 Concen: 48.31 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:167 Resp: 782955
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.33 ng

RT: 15.77 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

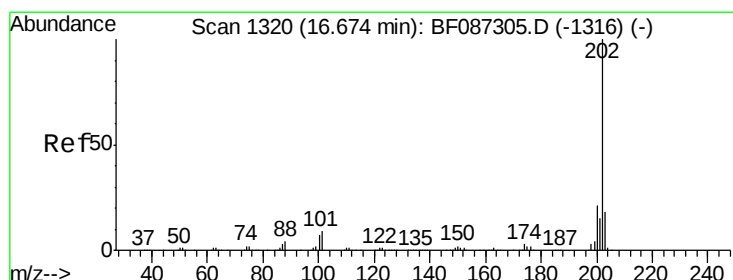
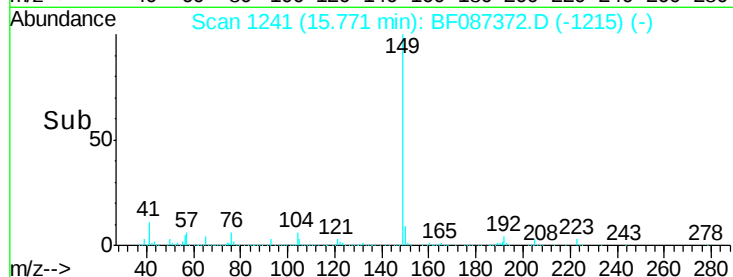
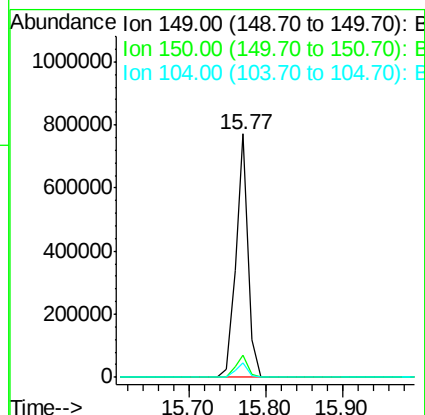
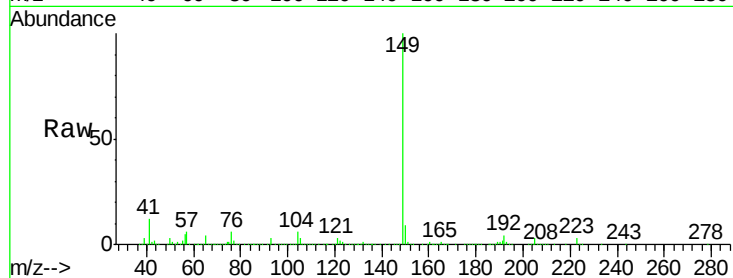
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	149	Resp:	866298
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	5.7	3.8	5.6#

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#74

Fluoranthene

Concen: 88.67 ng

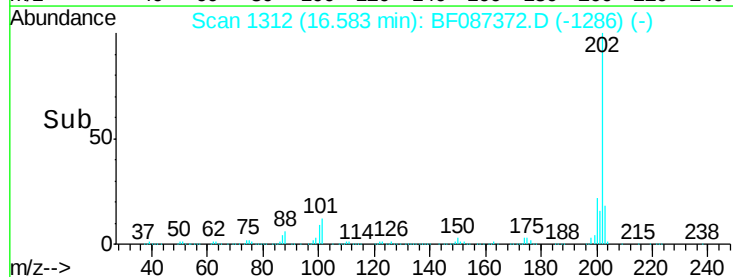
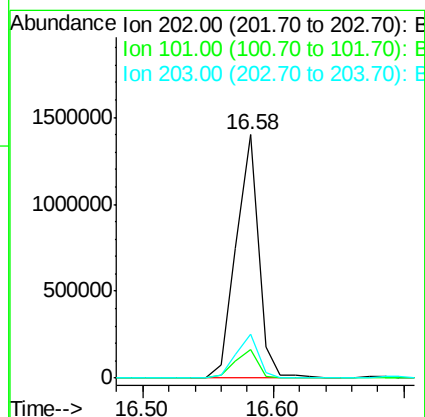
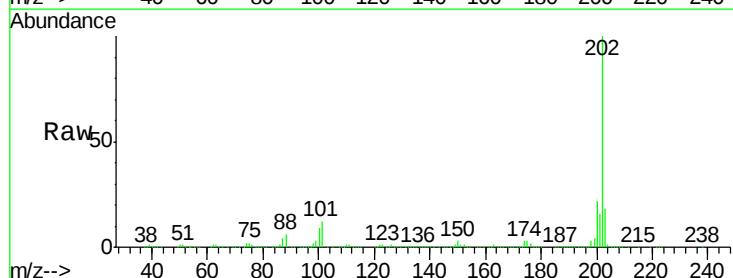
RT: 16.58 min Scan# 1312

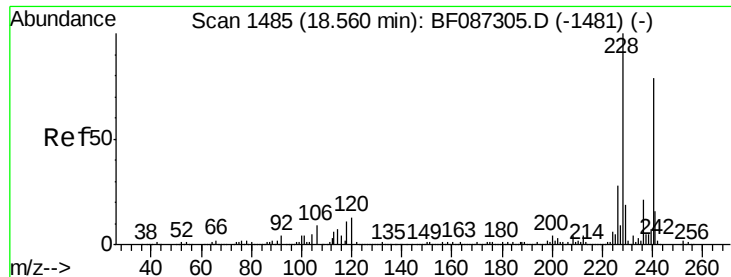
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	202	Resp:	1672674
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	35.4
203	18.2	0.0	38.1





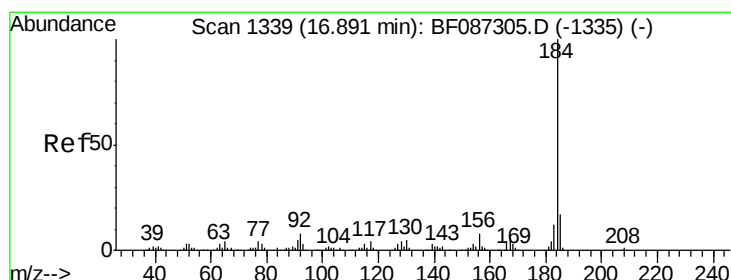
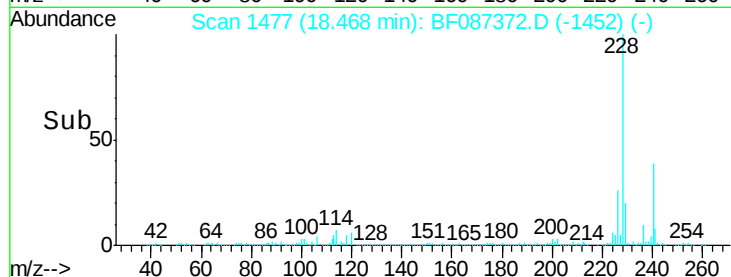
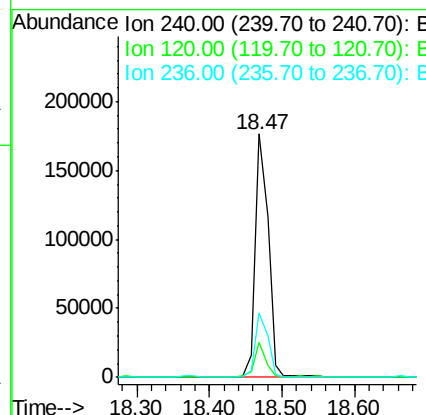
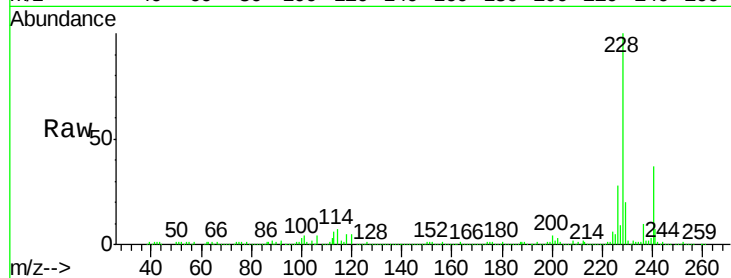
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tot Ion:	240	Resp:	225251
Ion Ratio	Lower	Upper	
240	100		
120	14.1	11.2	16.8
236	26.6	21.2	31.8

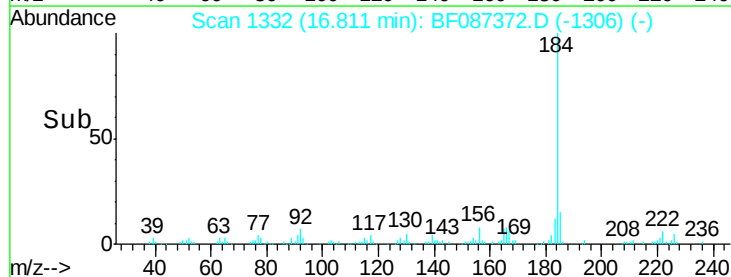
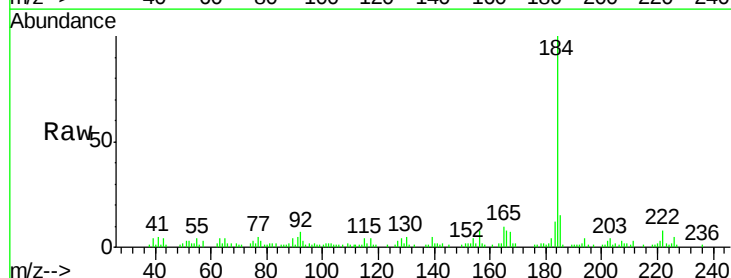
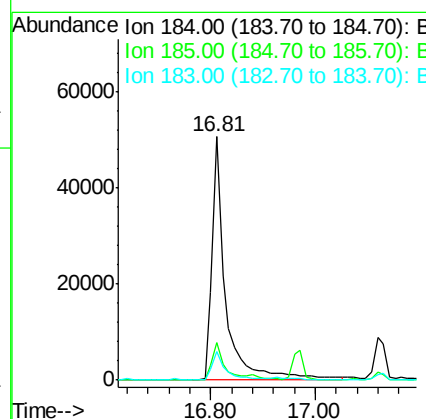
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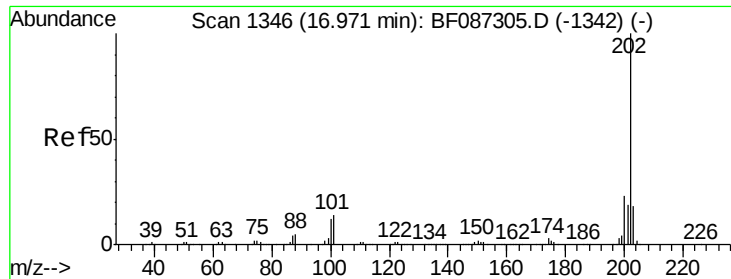
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#76
 Benzidine
 Concen: 15.88 ng
 RT: 16.81 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion:	184	Resp:	92013
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	11.9	9.8	14.6





#77

Pvrene

Concen: 89.63 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

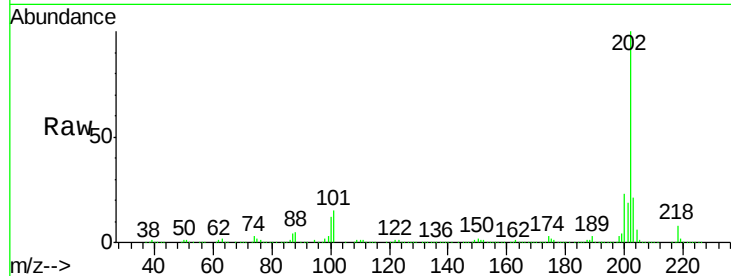
ClientSampleId :

E-3(6.5-7)MS

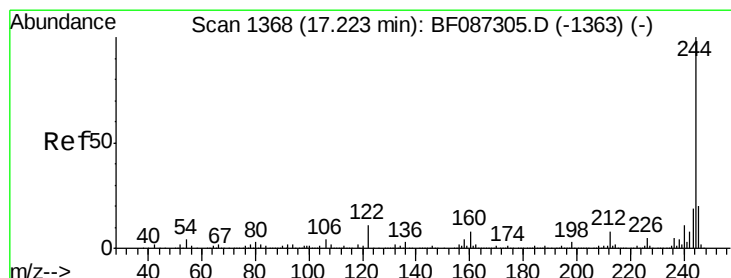
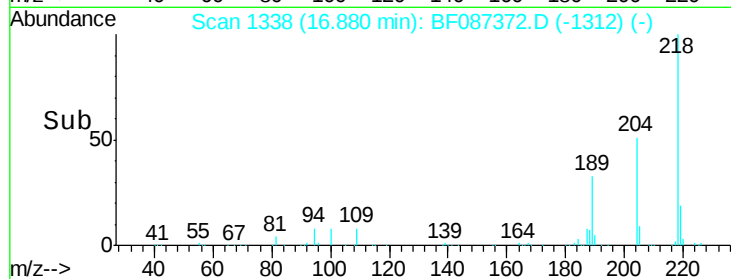
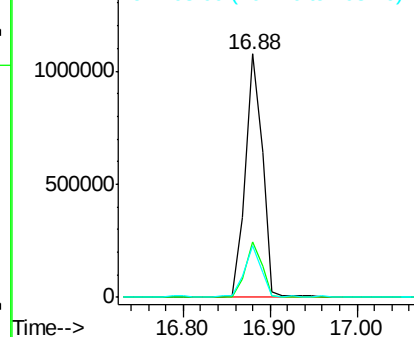
Tot Ion:	202	Resp:	1453265
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.7	26.5
203	21.3	14.2	21.4

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



#78

Terphenyl-d14

Concen: 65.43 ng

RT: 17.13 min Scan# 1360

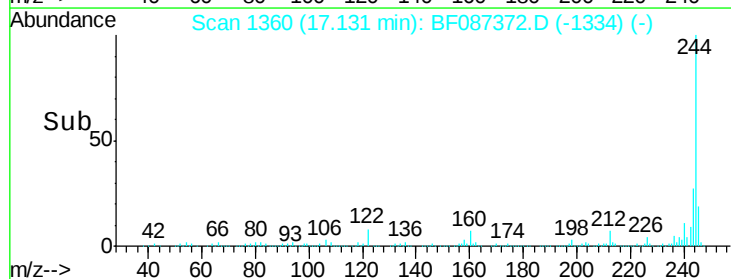
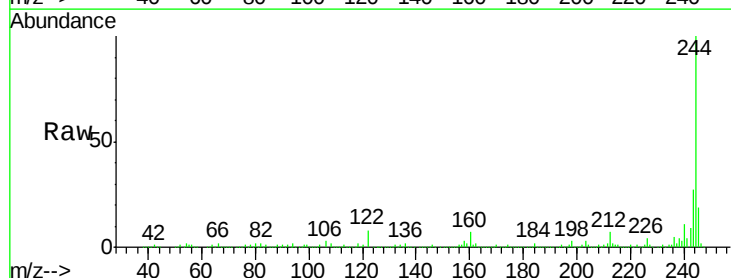
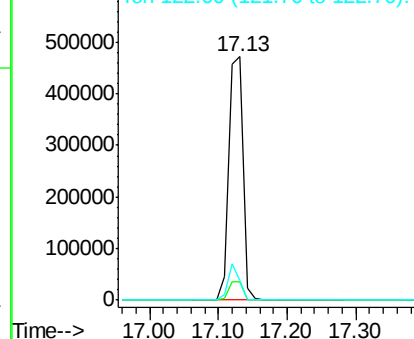
Delta R.T. -0.00 min

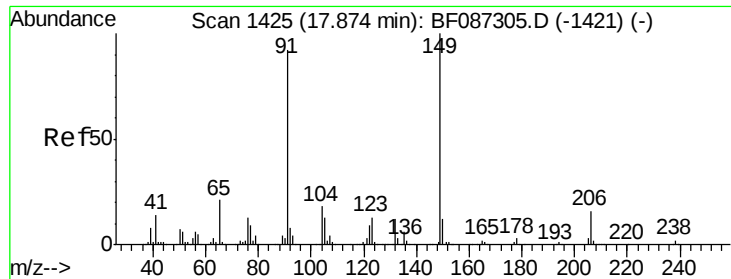
Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	244	Resp:	693248
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	7.9	12.0	18.0#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.56 ng

RT: 17.79 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

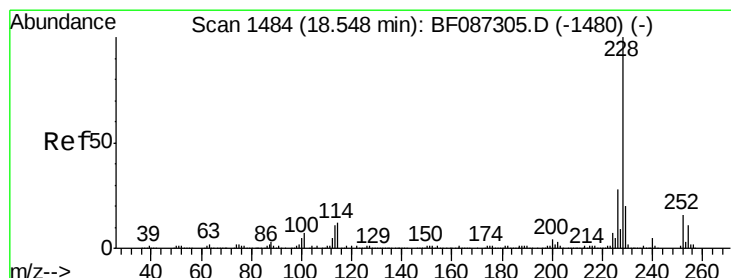
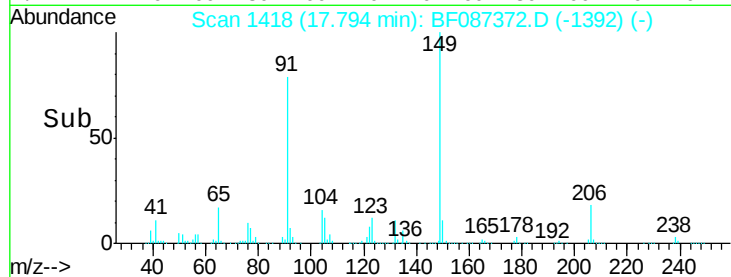
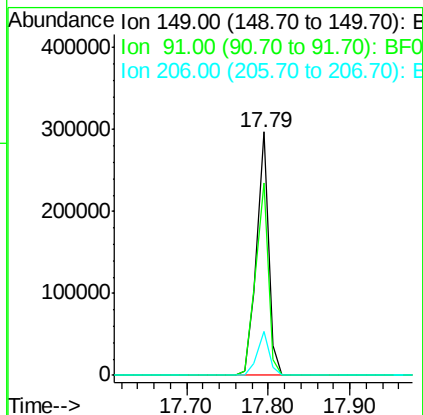
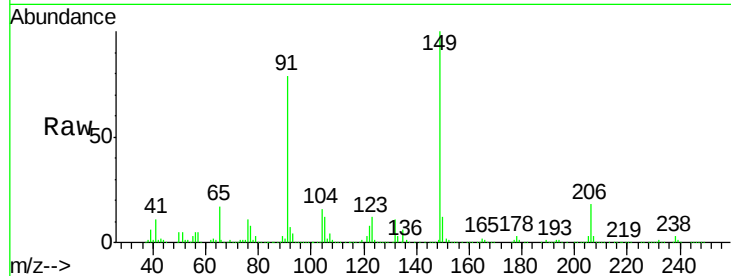
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	149	Resp:	305993
Ion Ratio	Lower	Upper	
149	100		
91	79.2	48.0	72.0#
206	18.0	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 72.00 ng

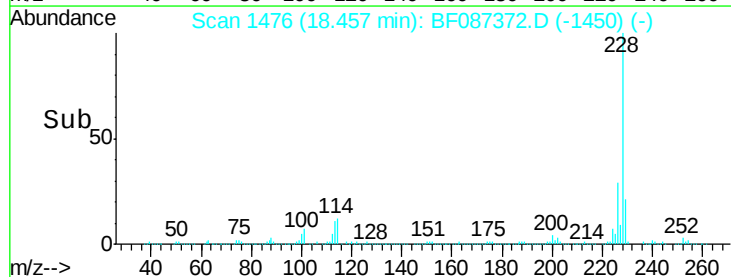
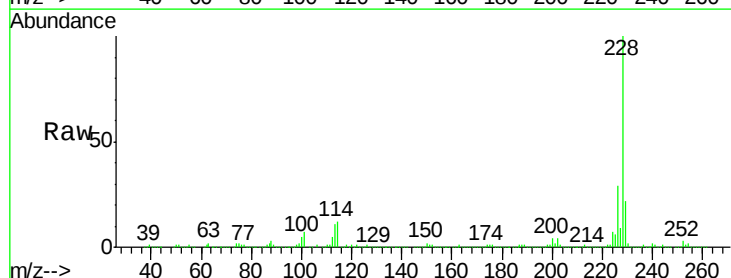
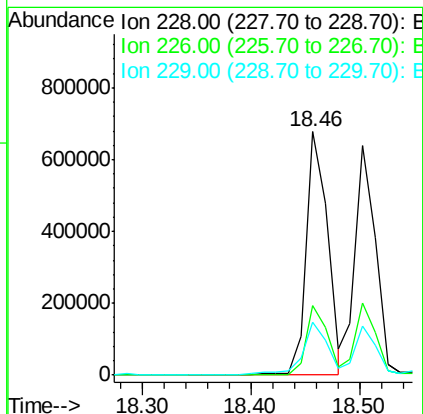
RT: 18.46 min Scan# 1476

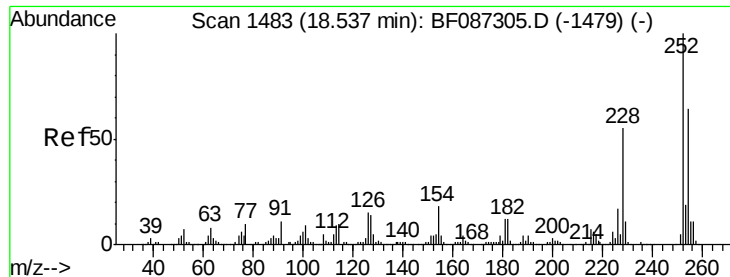
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	228	Resp:	922569
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.5	33.7
229	21.7	16.6	25.0





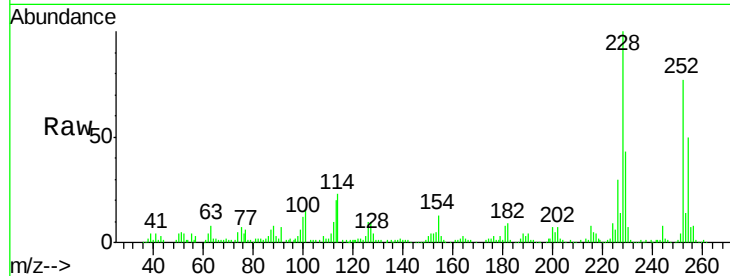
#81
 3,3'-Dichlorobenzidine
 Concen: 12.50 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampled :
 E-3(6.5-7)MS

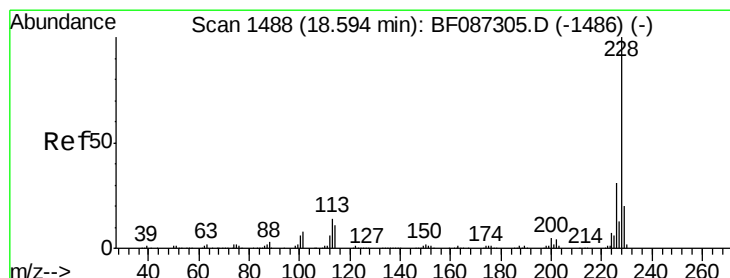
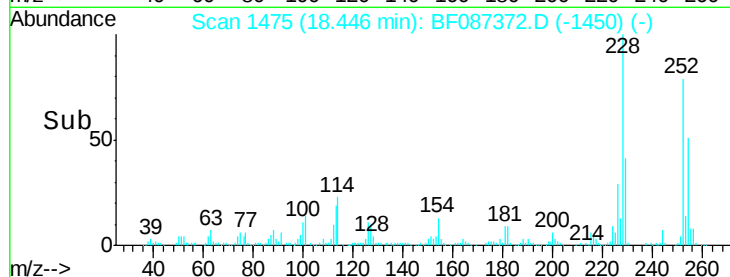
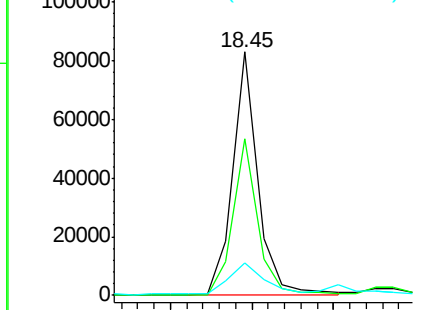
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.2	50.7	76.1	
126	13.5	12.7	19.1	

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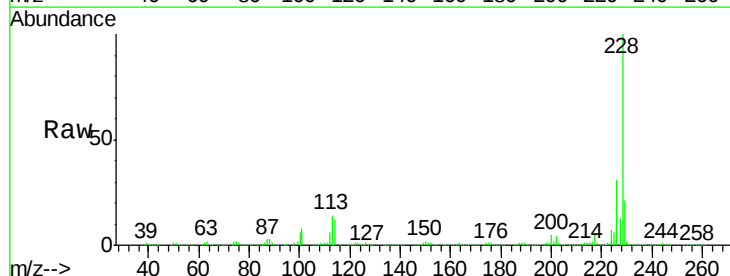


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

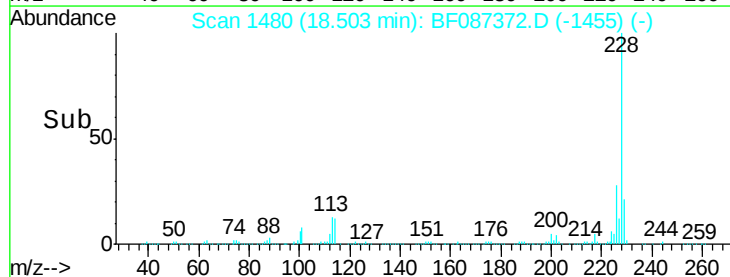
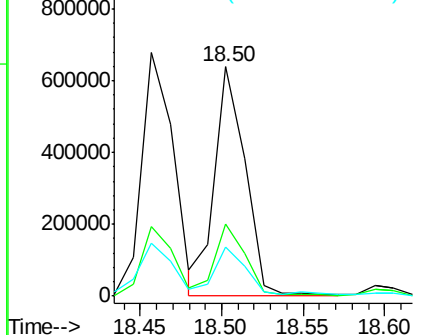


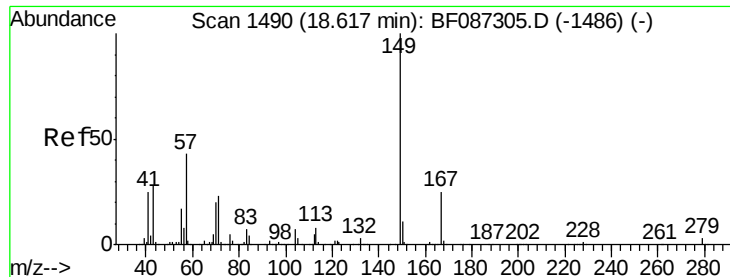
#82
 Chrysene
 Concen: 65.52 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.4	24.4	36.6	
229	21.3	15.8	23.8	



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: 37.98 ng

RT: 18.54 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

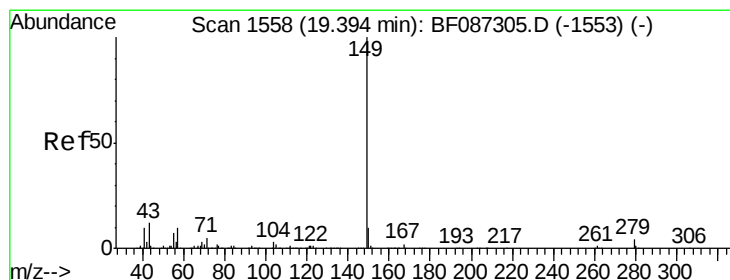
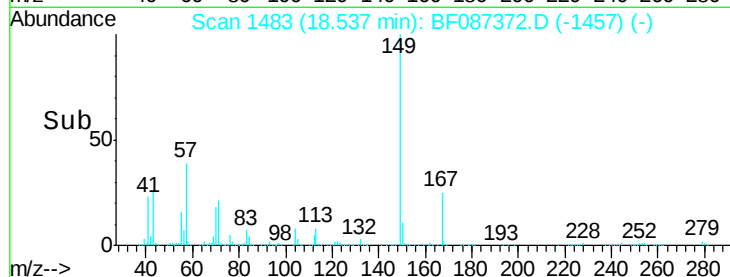
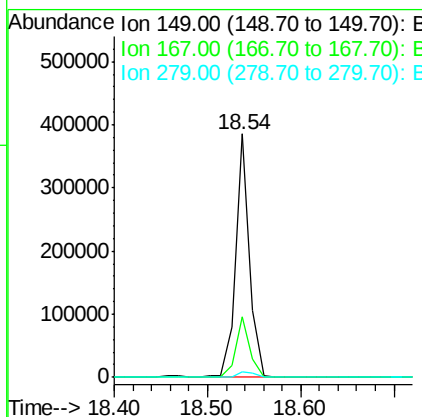
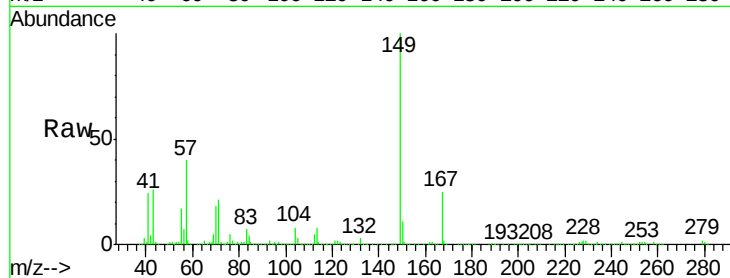
ClientSampleId :

E-3(6.5-7)MS

Tot Ion:	149	Resp:	398515
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.8	32.6
279	2.5	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 40.75 ng

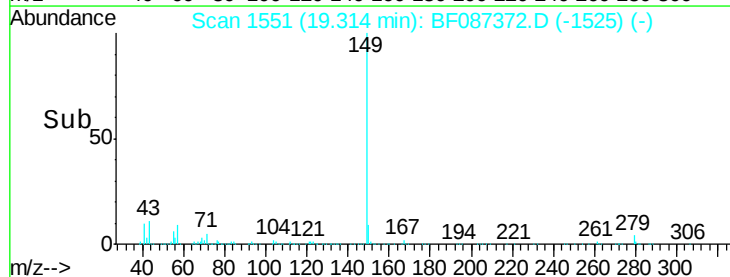
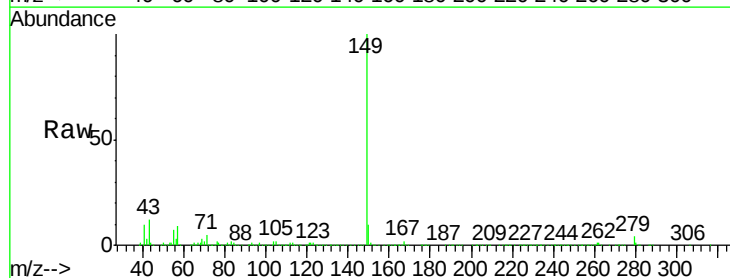
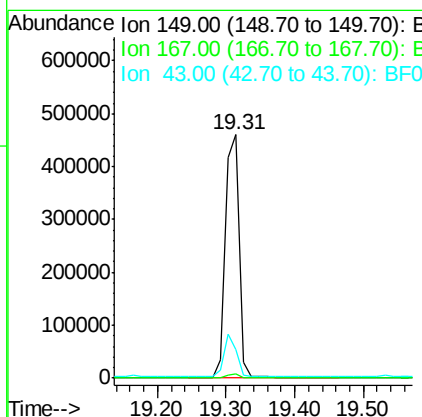
RT: 19.31 min Scan# 1551

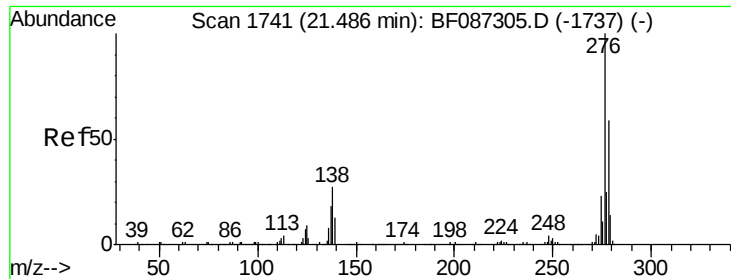
Delta R.T. -0.00 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	149	Resp:	652083
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	15.8	8.2	12.4#





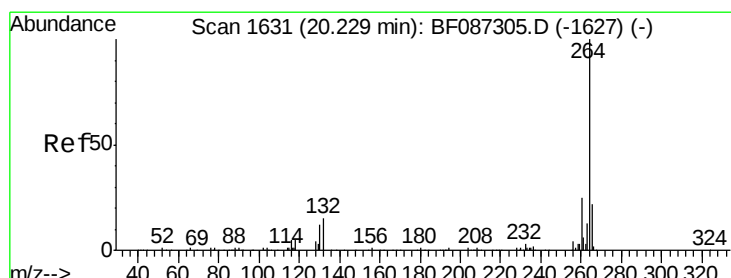
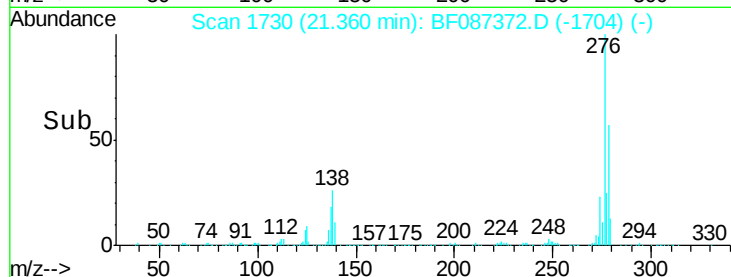
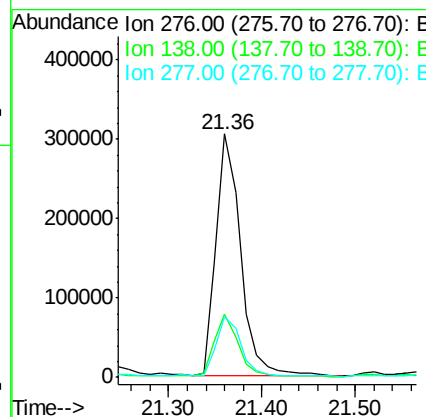
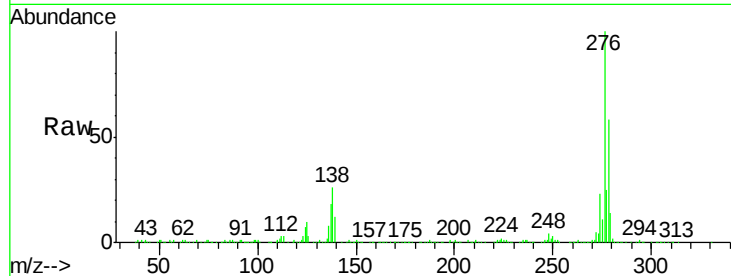
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.84 ng
RT: 21.36 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	26.1	25.6	38.4		
277	26.2	20.5	30.7		

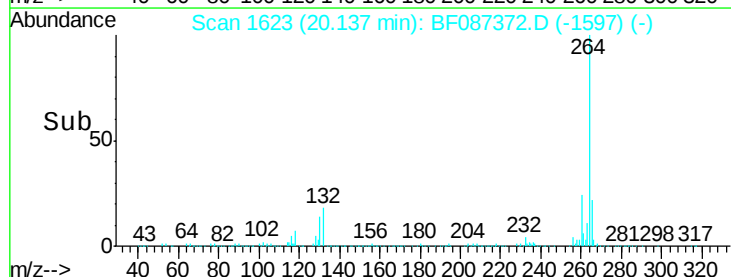
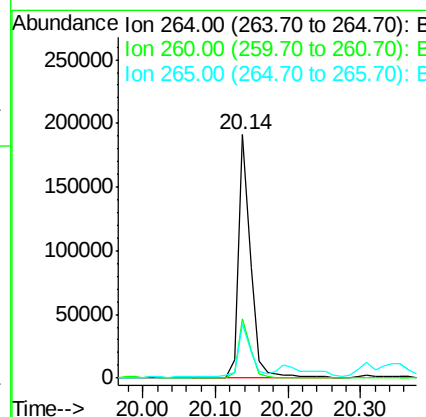
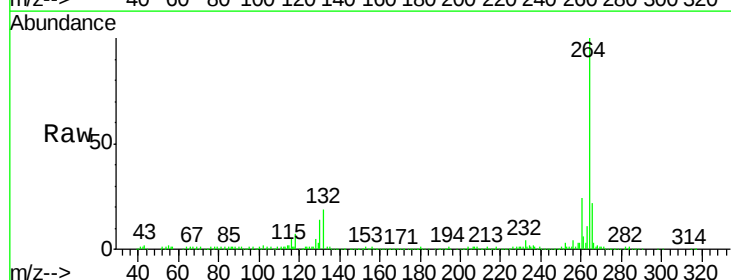
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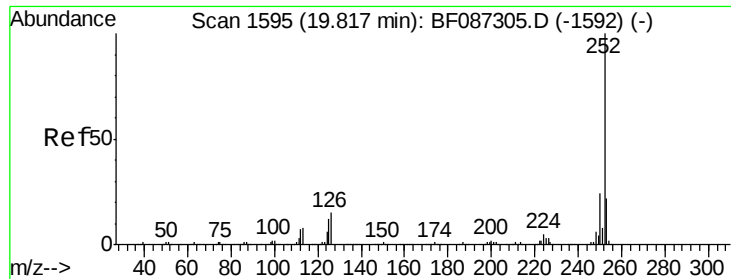
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.2	19.5	29.3		
265	22.3	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 60.80 ng m

RT: 19.74 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF087372.D

Acq: 25 May 2016 15:02

Instrument :

BNA_F

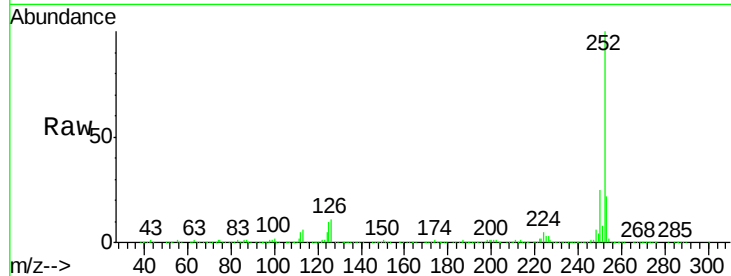
ClientSampleId :

E-3(6.5-7)MS

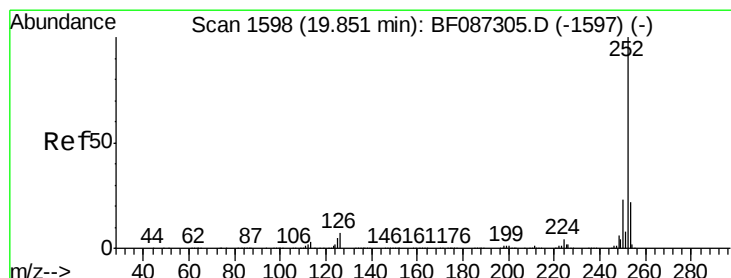
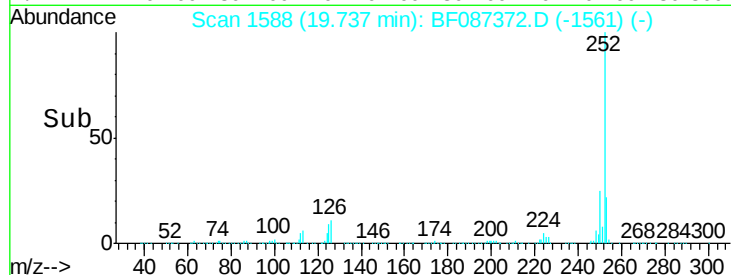
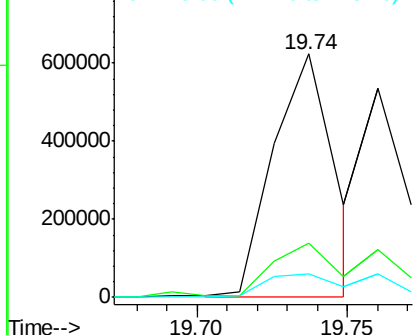
Tot Ion:	252	Resp:	872716
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	9.6	11.4	17.0

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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: 46.53 ng m

RT: 19.76 min Scan# 1590

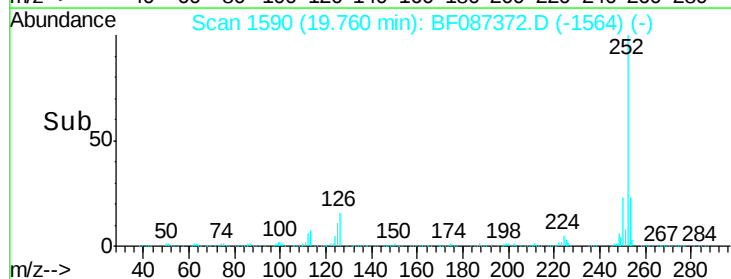
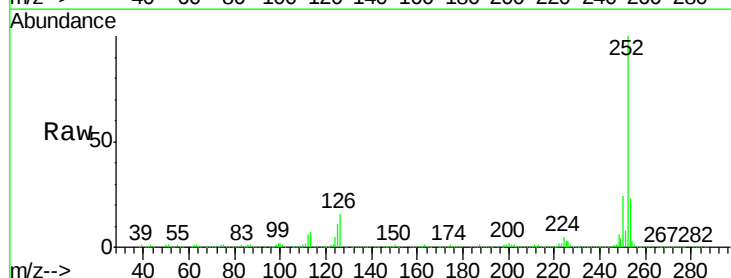
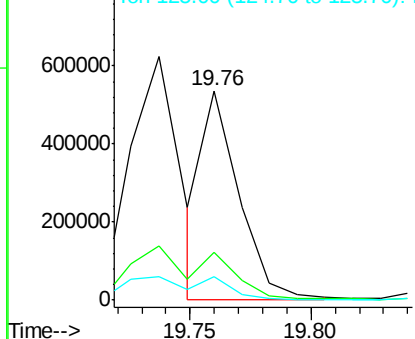
Delta R.T. -0.00 min

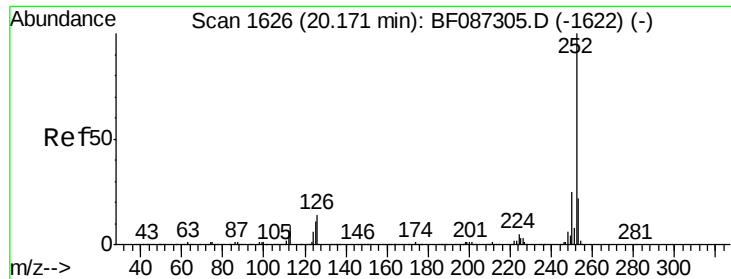
Lab File: BF087372.D

Acq: 25 May 2016 15:02

Tgt Ion:	252	Resp:	574875
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	11.2	9.1	13.7

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





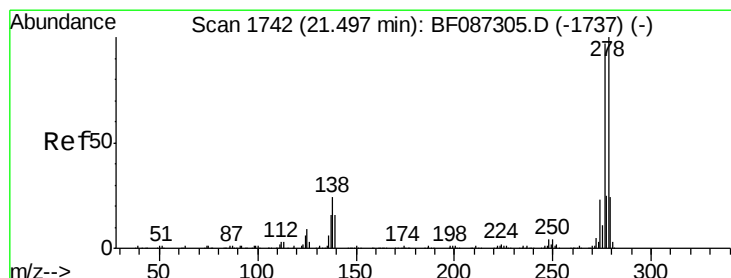
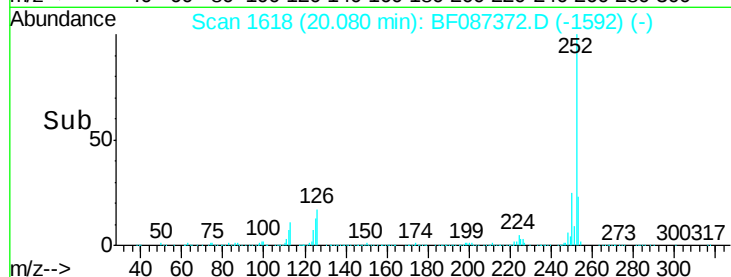
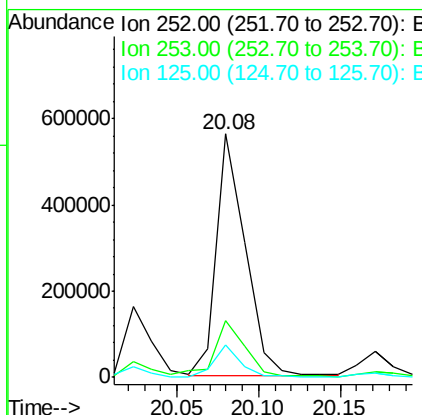
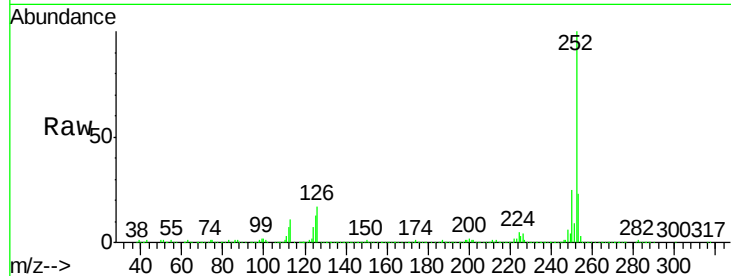
#89
Benzo(a)pyrene
Concen: 56.14 ng
RT: 20.08 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.1	9.0	13.6

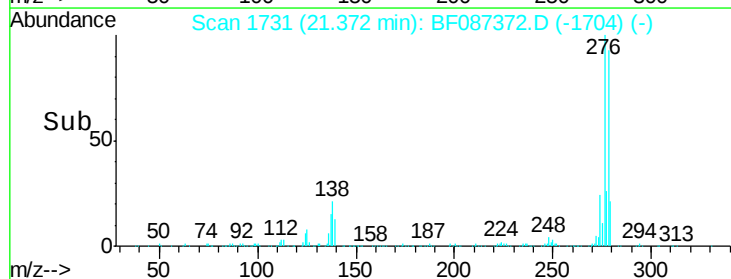
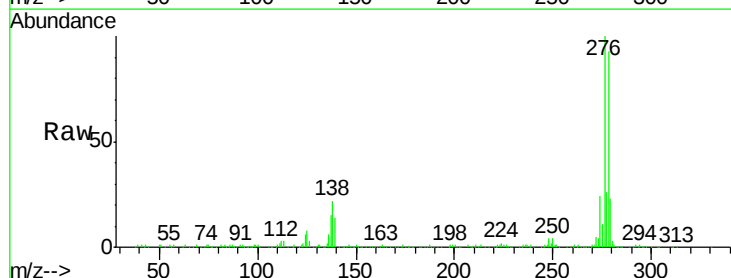
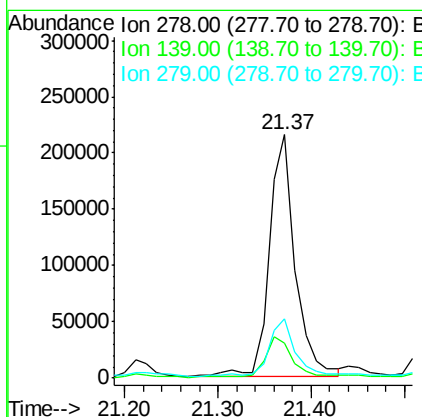
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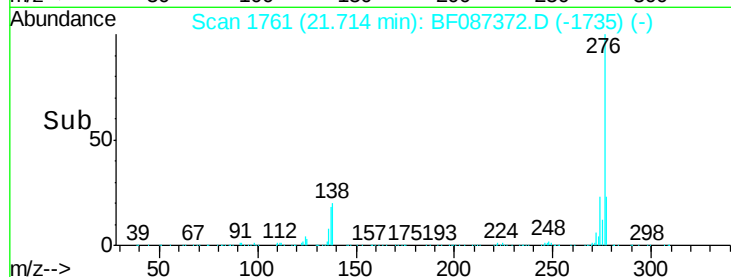
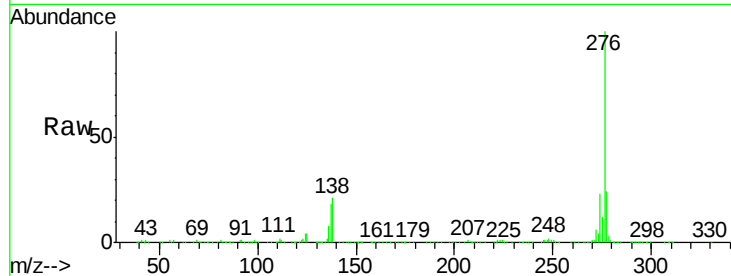
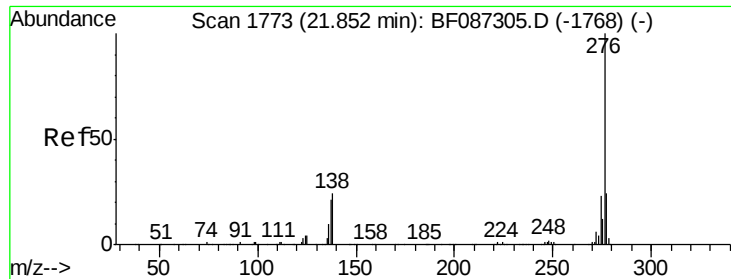
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#90
Dibenzo(a,h)anthracene
Concen: 39.97 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087372.D
Acq: 25 May 2016 15:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	16.6	24.8#
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.52 ng
 RT: 21.71 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BF087372.D
 Acq: 25 May 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	20.7	23.6	35.4

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