

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087105.D
 Acq On : 17 May 2016 16:03
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

Manual Integrations
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 5/18/2016 6:57:12 PM

Quant Time: May 17 16:57:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	135147	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	584875	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	273513	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	497765	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	362334	20.00	ng	-0.02
86) Perylene-d12	15.10	264	334422	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	646095	80.36	ng	-0.02
7) Phenol-d6	6.26	99	774464	71.82	ng	-0.02
23) Nitrobenzene-d5	7.18	82	911958	77.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	207946	68.80	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	1361480	82.44	ng	-0.01
78) Terphenyl-d14	12.70	244	1371355	85.62	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	158527	38.33	ng	# 74
3) Pyridine	2.66	79	365682	36.55	ng	# 66
4) n-Nitrosodimethylamine	2.62	42	285331	40.24	ng	# 48
6) Aniline	6.26	93	532003	38.84	ng	92
8) 2-Chlorophenol	6.39	128	381811	39.03	ng	99
9) Benzaldehyde	6.14	77	202747	33.39	ng	97
10) Phenol	6.27	94	466030	34.38	ng	# 66
11) bis(2-Chloroethyl)ether	6.34	93	408992	40.18	ng	90
12) 1,3-Dichlorobenzene	6.52	146	394196m	37.91	ng	
13) 1,4-Dichlorobenzene	6.62	146	403705	37.94	ng	99
14) 1,2-Dichlorobenzene	6.76	146	384327	41.26	ng	99
15) Benzyl Alcohol	6.76	79	313189	39.01	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	837287	40.01	ng	77
17) 2-Methylphenol	6.89	107	300556	37.41	ng	# 81
18) Hexachloroethane	7.11	117	157570	38.74	ng	# 79
19) n-Nitroso-di-n-propylamine	7.03	70	297852	36.33	ng	# 67
20) 3+4-Methylphenols	7.04	107	423130	39.93	ng	# 62
22) Acetophenone	7.02	105	564104	39.41	ng	# 94
24) Nitrobenzene	7.19	77	433004	33.79	ng	93
25) Isophorone	7.43	82	790996	36.82	ng	96
26) 2-Nitrophenol	7.51	139	208120	39.21	ng	# 75
27) 2,4-Dimethylphenol	7.56	122	333765	36.85	ng	89
28) bis(2-Chloroethoxy)methane	7.66	93	442307	37.50	ng	99
29) 2,4-Dichlorophenol	7.76	162	313771	39.31	ng	96
30) 1,2,4-Trichlorobenzene	7.83	180	329761	37.23	ng	95
31) Naphthalene	7.91	128	1147633	40.16	ng	99
32) Benzoic acid	7.72	122	221764	41.07	ng	# 77
33) 4-Chloroaniline	7.98	127	430233	36.22	ng	98
34) Hexachlorobutadiene	8.02	225	183135	36.43	ng	98
35) Caprolactam	8.36	113	109530	41.21	ng	97
36) 4-Chloro-3-methylphenol	8.48	107	349032	36.25	ng	95
37) 2-Methylnaphthalene	8.59	142	637422m	34.87	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	326981	40.93	ng	98
40) Hexachlorocyclopentadiene	8.75	237	91722	34.67	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	207355	40.02	nq	93
43) 2,4,5-Trichlorophenol	8.94	196	218957	40.68	nq #	93
45) 1,1'-Biphenyl	9.06	154	865862	38.18	nq	96
46) 2-Chloronaphthalene	9.08	162	668571	38.40	nq	94
47) 2-Nitroaniline	9.20	65	276189	41.40	nq	89
48) Acenaphthylene	9.50	152	1037264	39.02	nq	99
49) Dimethylphthalate	9.37	163	796775	38.19	nq	99
50) 2,6-Dinitrotoluene	9.44	165	169867	37.49	nq #	85
51) Acenaphthene	9.67	154	656795	39.54	nq	98
52) 3-Nitroaniline	9.61	138	200250	40.83	nq	87
53) 2,4-Dinitrophenol	9.72	184	86289	36.01	nq	91
54) Dibenzofuran	9.84	168	835225	38.89	nq	96
55) 4-Nitrophenol	9.80	139	81840m	36.40	nq	
56) 2,4-Dinitrotoluene	9.84	165	201860	34.79	nq #	45
57) Fluorene	10.18	166	737976	42.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	152192	36.31	nq	96
59) Diethylphthalate	10.07	149	717257	36.01	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	304647	37.24	nq	92
61) 4-Nitroaniline	10.23	138	211724	43.72	nq	81
62) Azobenzene	10.33	77	804008	35.03	nq	82
64) 4,6-Dinitro-2-methylphenol	10.25	198	122635	37.41	nq #	36
65) n-Nitrosodiphenylamine	10.30	169	570074	36.39	nq	100
66) 4-Bromophenyl-phenylether	10.66	248	200324	39.14	nq	94
67) Hexachlorobenzene	10.73	284	230680	38.87	nq #	95
68) Atrazine	10.83	200	174561	34.16	nq	96
69) Pentachlorophenol	10.94	266	85519	38.36	nq	97
70) Phenanthrene	11.13	178	1008059	37.34	nq	100
71) Anthracene	11.19	178	1112346	40.74	nq	100
72) Carbazole	11.35	167	882612	35.38	nq	98
73) Di-n-butylphthalate	11.69	149	1159569	40.47	nq	99
74) Fluoranthene	12.32	202	1136424	42.01	nq	93
76) Benzidine	12.44	184	422509	42.19	nq	97
77) Pyrene	12.55	202	1102637	42.12	nq	99
79) Butylbenzylphthalate	13.18	149	502800	45.50	nq	92
80) Benzo(a)anthracene	13.73	228	855014	40.81	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	594230	44.57	nq	97
82) Chrysene	13.77	228	930050	45.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	595418	44.27	nq	98
84) Di-n-octyl phthalate	14.34	149	996643	43.02	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.34	276	694347	39.03	nq	95
87) Benzo(b)fluoranthene	14.73	252	830225m	37.42	nq	
88) Benzo(k)fluoranthene	14.75	252	659470m	39.93	nq	
89) Benzo(a)pyrene	15.04	252	693454	37.39	nq #	96
90) Dibenzo(a,h)anthracene	16.34	278	574452	36.79	nq	99
91) Benzo(g,h,i)perylene	16.71	276	580345	36.80	nq #	93

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

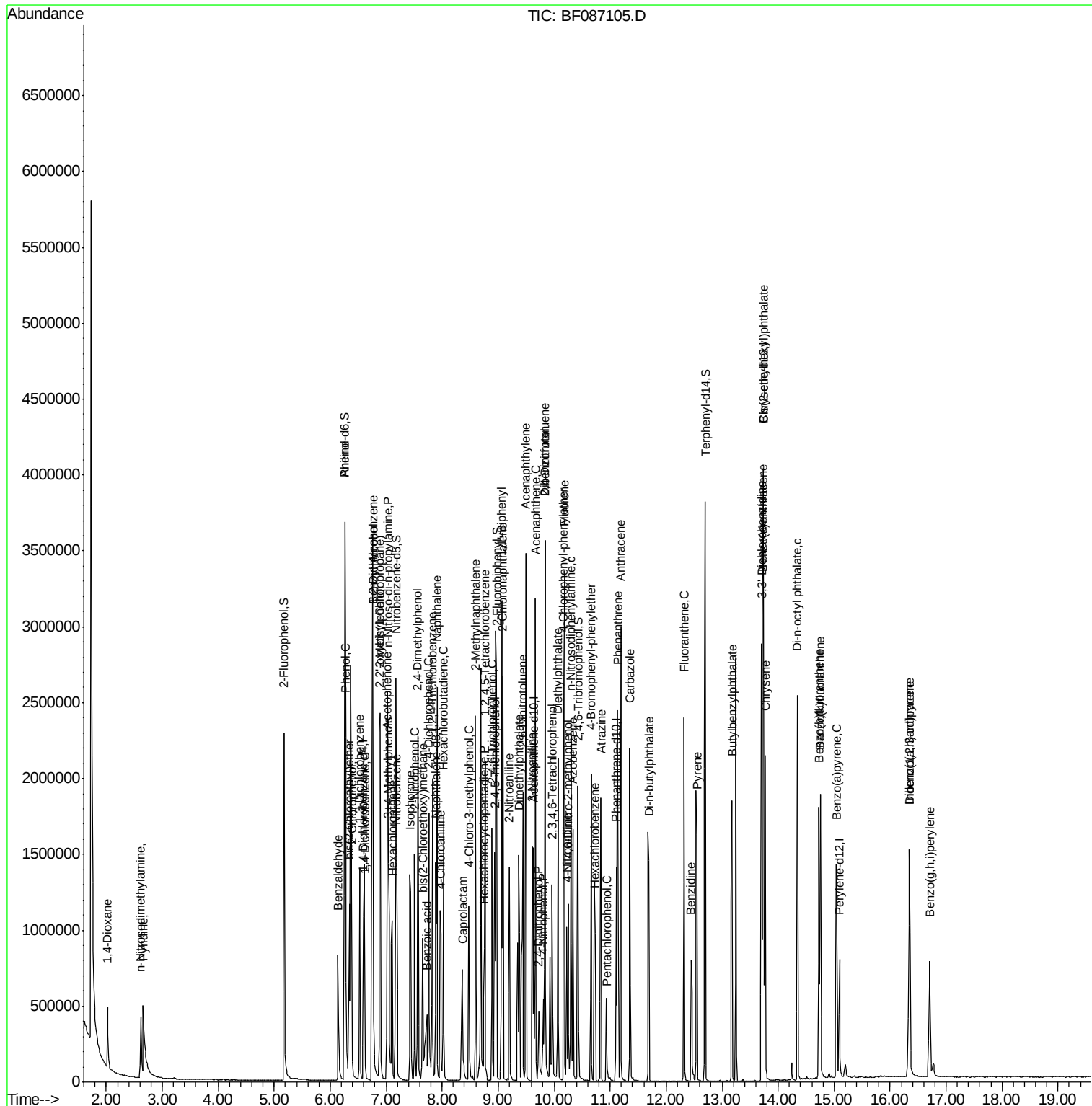
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\  
Data File : BF087105.D  
Acq On    : 17 May 2016   16:03  
Operator  : UM/SJ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
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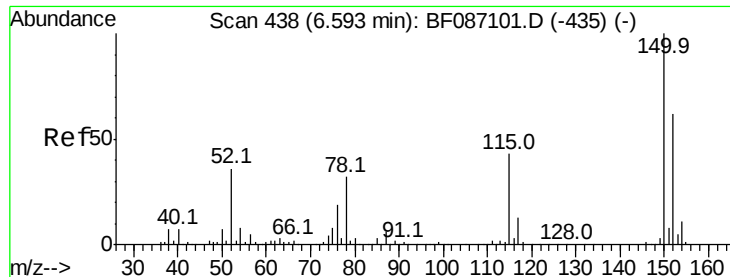
Instrument :
BNA_F
ClientSampleId :
ICVBF051716

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

ClientSampleId :

ICVBF051716

Tot Ion:152 Resp: 135147

Ion Ratio Lower Upper

152 100

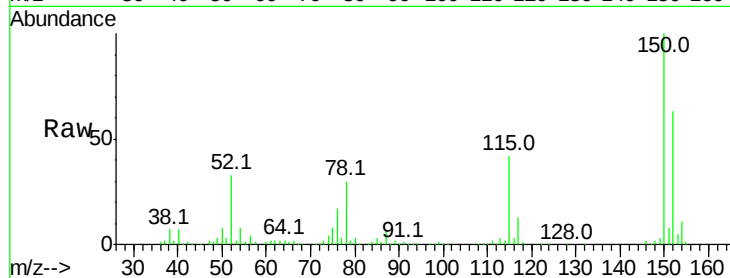
150 157.9 125.8 188.6

115 65.8 51.5 77.3

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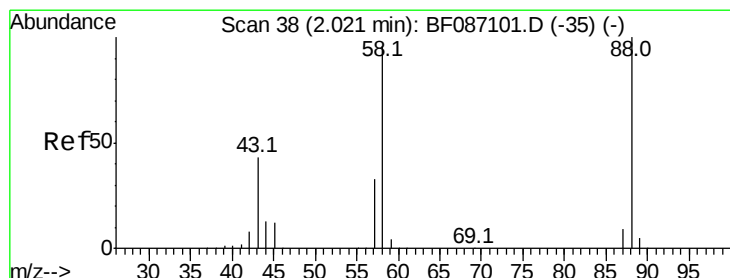
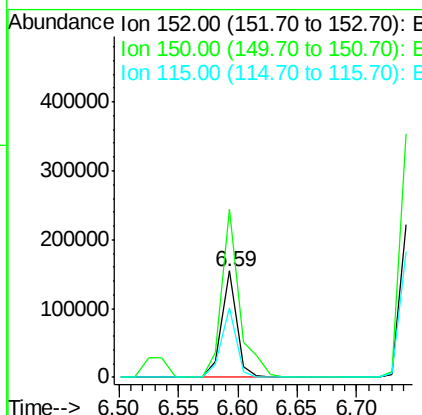
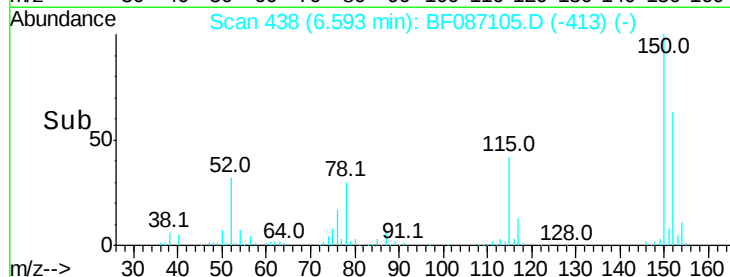
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.33 ng

RT: 2.02 min Scan# 38

Delta R.T. -0.03 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

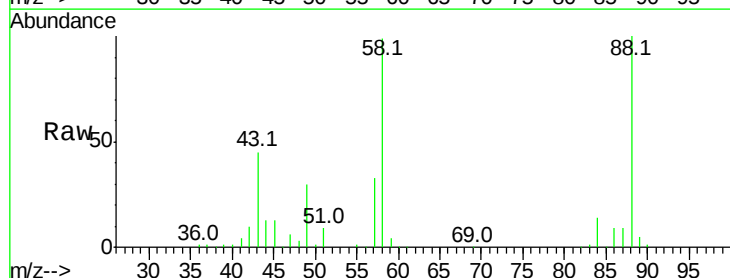
Tgt Ion: 88 Resp: 158527

Ion Ratio Lower Upper

88 100

58 94.2 59.6 89.4#

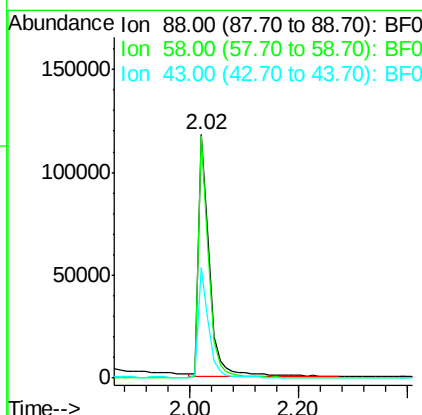
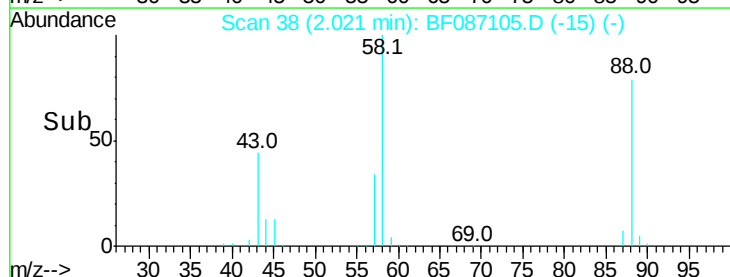
43 44.9 21.8 32.6#

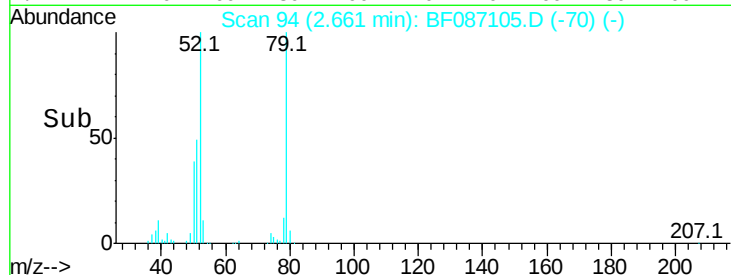
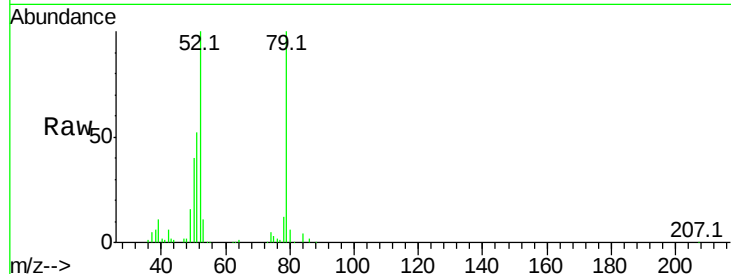
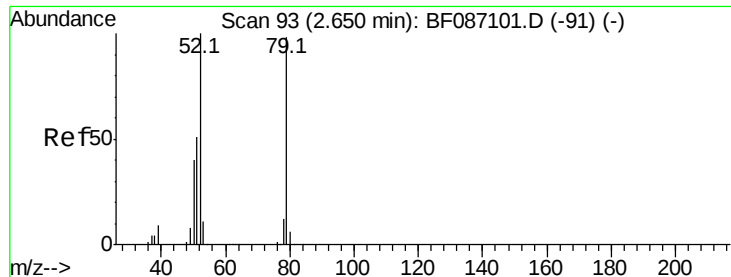


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





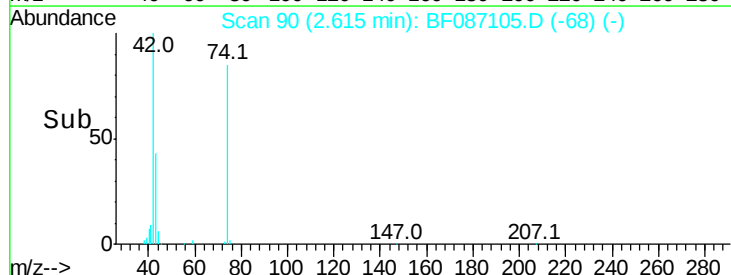
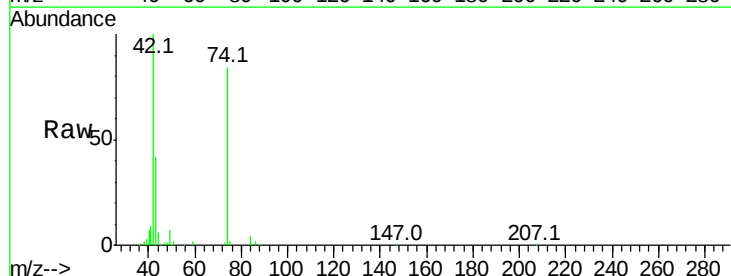
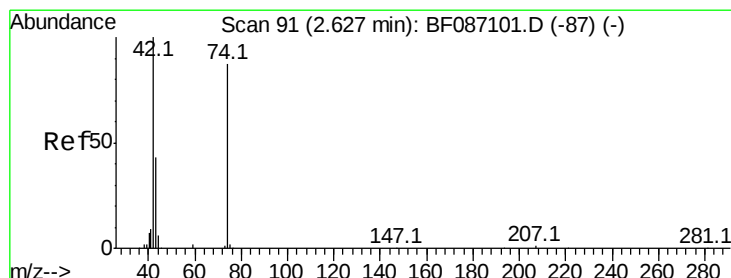
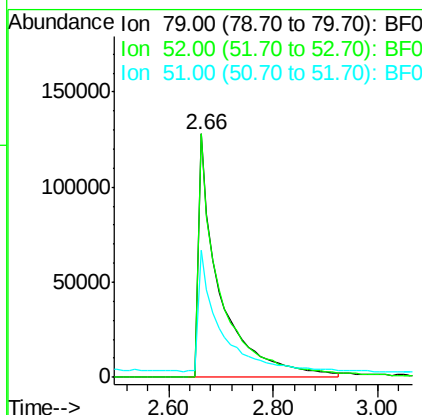
#3
Pvridine
Concen: 36.55 ng
RT: 2.66 min Scan# 94
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	99.9	55.9	83.9#
51	52.5	28.1	42.1#

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

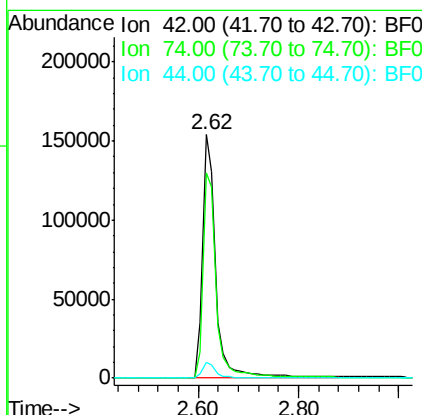
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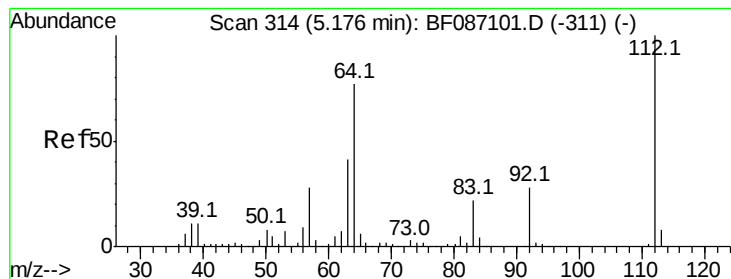
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#4
n-Nitrosodimethylamine
Concen: 40.24 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.05 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	84.4	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 80.36 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

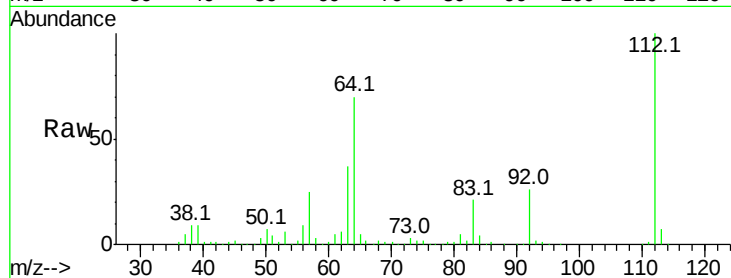
ClientSampleId :

ICVBF051716

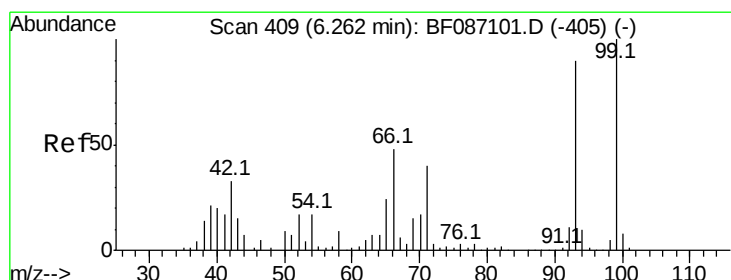
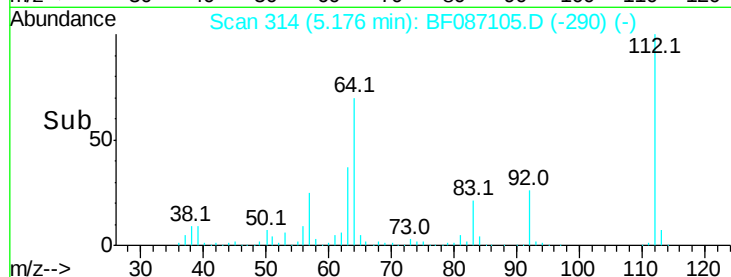
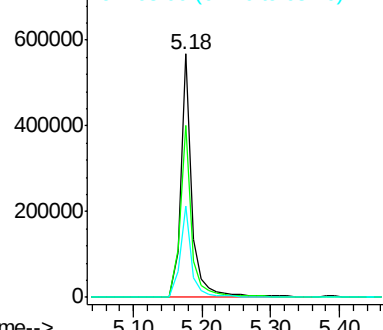
Tot Ion:	112	Resp:	646095
Ion Ratio	Lower	Upper	
112	100		
64	70.4	52.1	78.1
63	37.4	25.7	38.5

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 38.84 ng

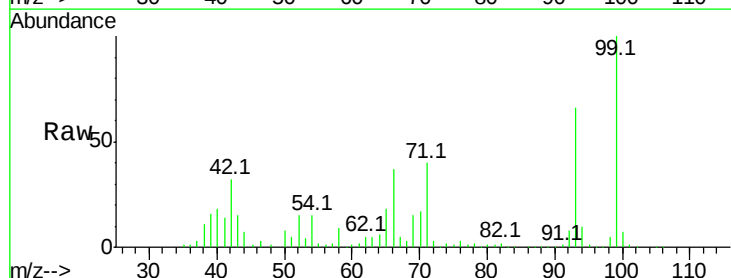
RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

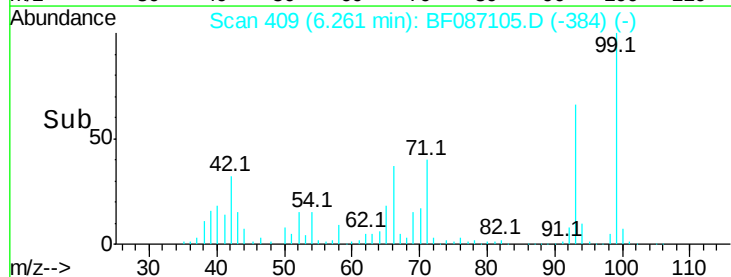
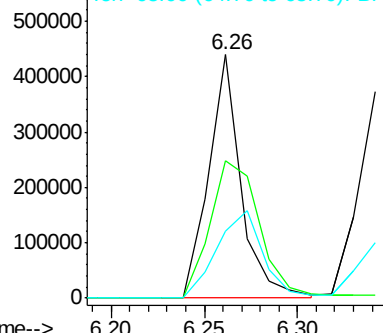
Lab File: BF087105.D

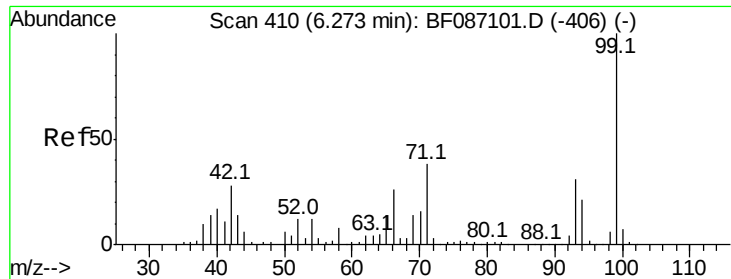
Acq: 17 May 2016 16:03

Tgt Ion:	93	Resp:	532003
Ion Ratio	Lower	Upper	
93	100		
66	56.4	39.0	58.6
65	27.5	20.6	31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 71.82 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

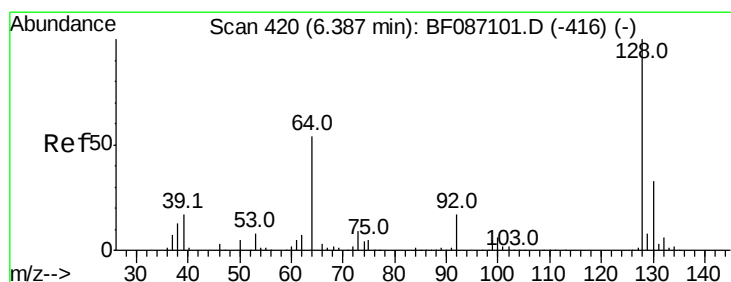
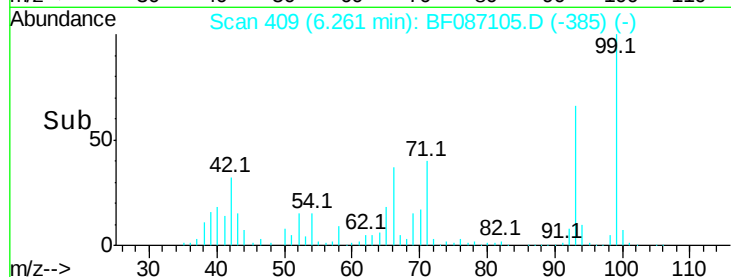
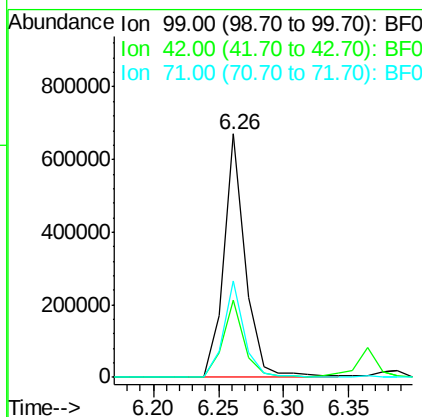
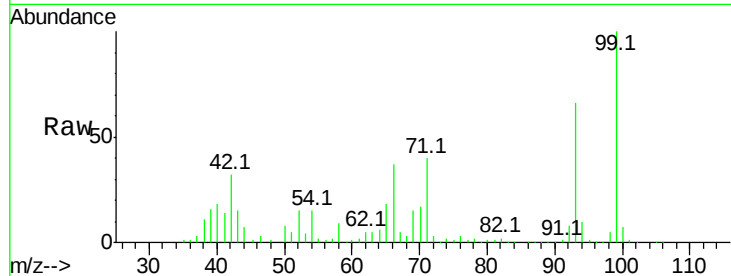
ClientSampleId :

ICVBF051716

Tot Ion:	99	Resp:	774464
Ion Ratio	Lower	Upper	
99	100		
42	31.7	13.6	20.4#
71	39.6	24.6	36.8#

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#8

2-Chlorophenol

Concen: 39.03 ng

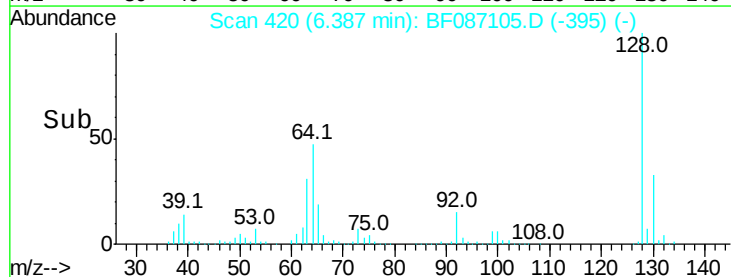
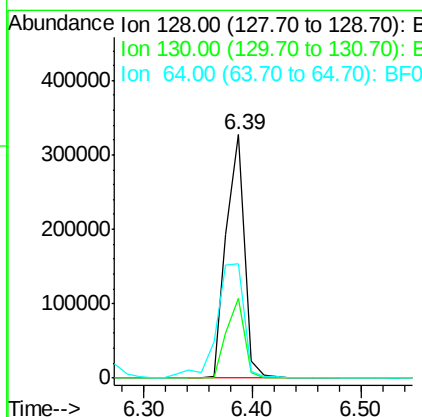
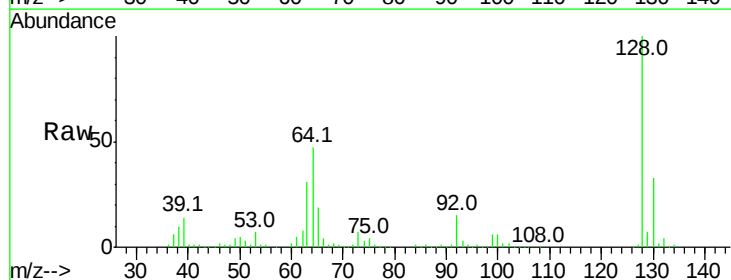
RT: 6.39 min Scan# 420

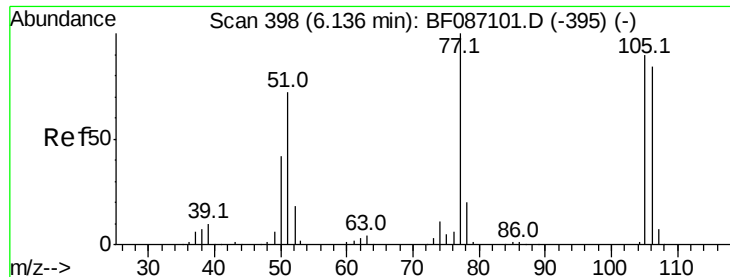
Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	128	Resp:	381811
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.5	52.5
64	46.9	27.3	67.3





#9

Benzaldehyde

Concen: 33.39 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

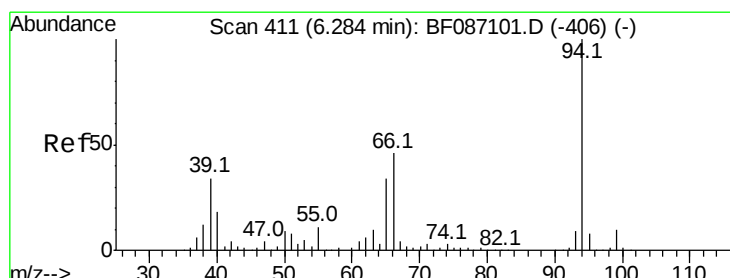
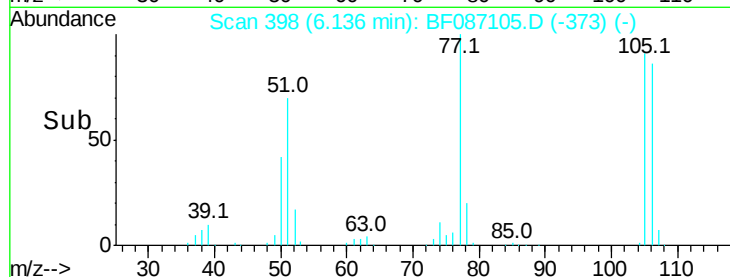
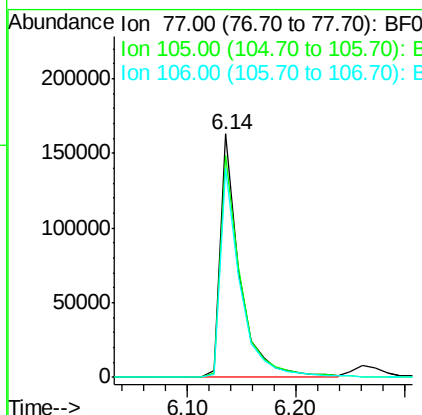
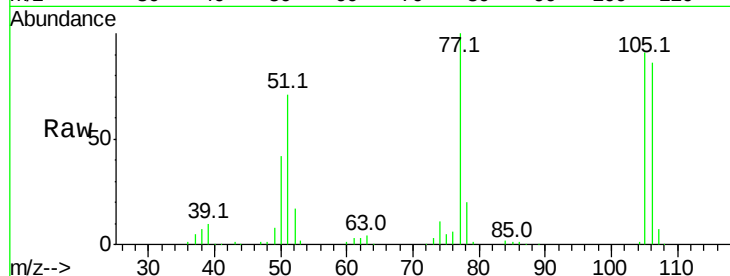
ClientSampleId :

ICVBF051716

Tot Ion:	77	Resp:	202747
Ion	Ratio	Lower	Upper
77	100		
105	91.1	72.7	112.7
106	86.1	70.8	110.8

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#10

Phenol

Concen: 34.38 ng

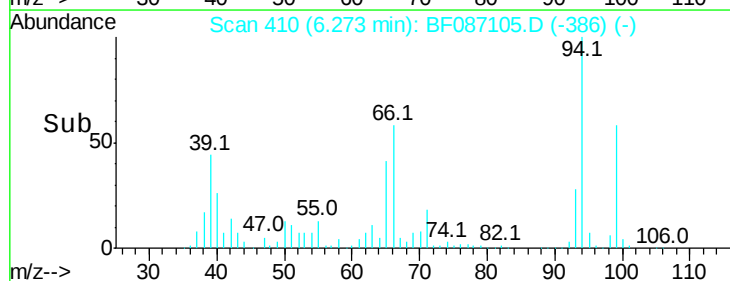
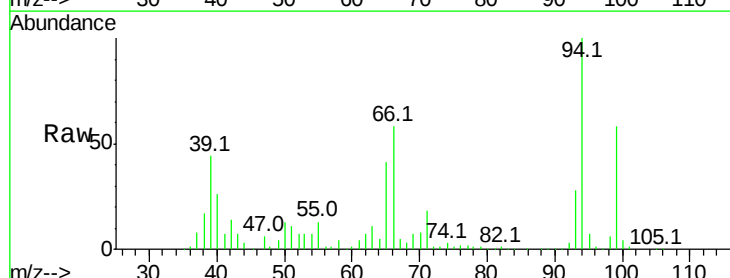
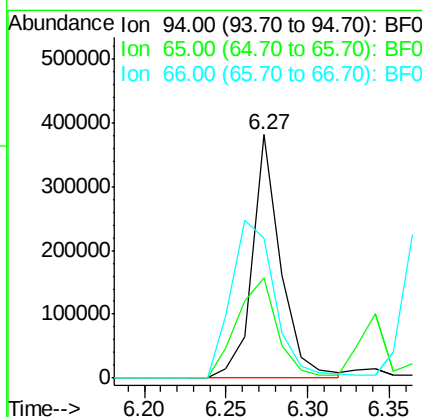
RT: 6.27 min Scan# 410

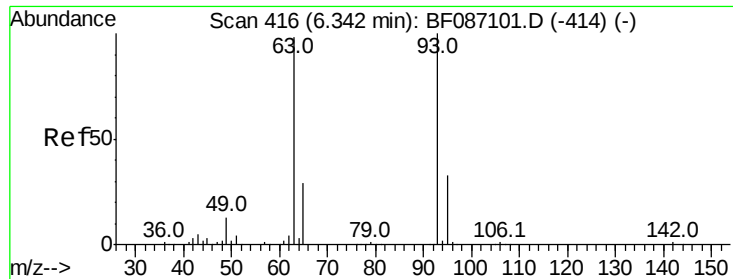
Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	94	Resp:	466030
Ion	Ratio	Lower	Upper
94	100		
65	41.2	7.2	47.2
66	57.6	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 40.18 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

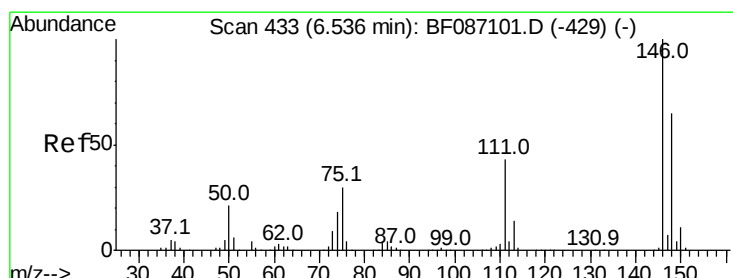
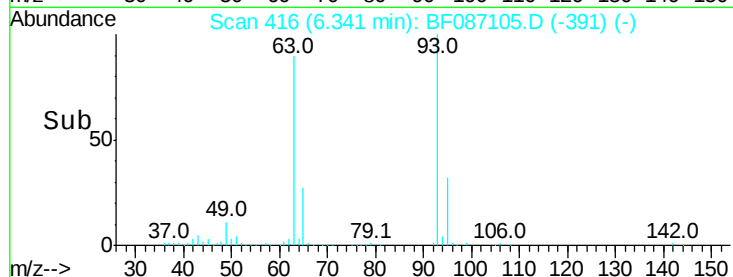
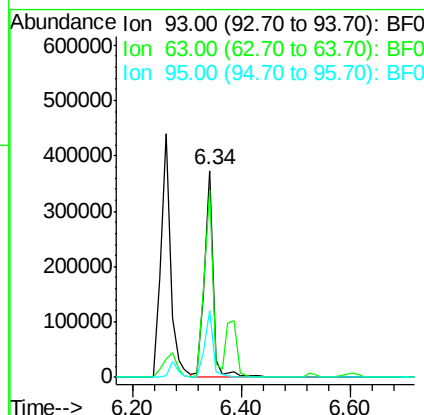
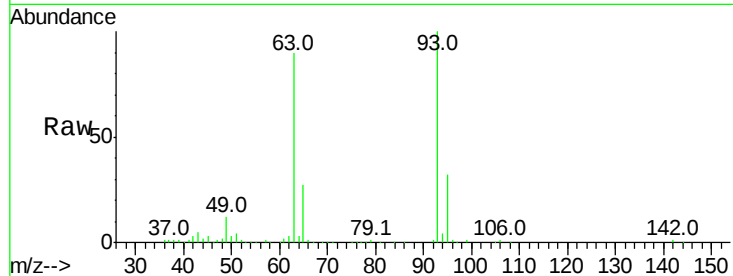
ClientSampleId :

ICVBF051716

Tot Ion:	93	Resp:	408992
Ion Ratio	Lower	Upper	
93	100		
63	90.4	58.0	98.0
95	32.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.91 ng m

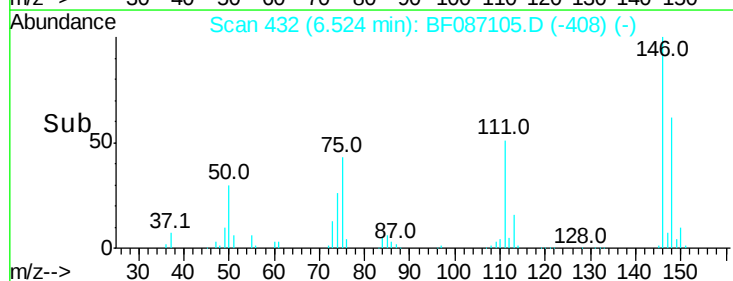
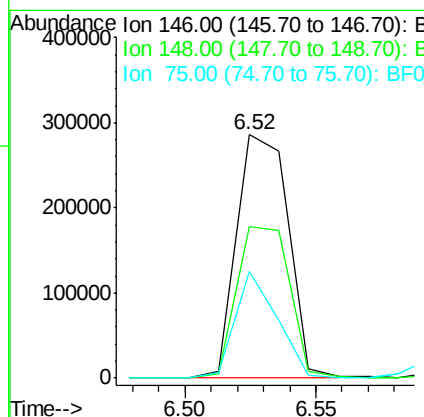
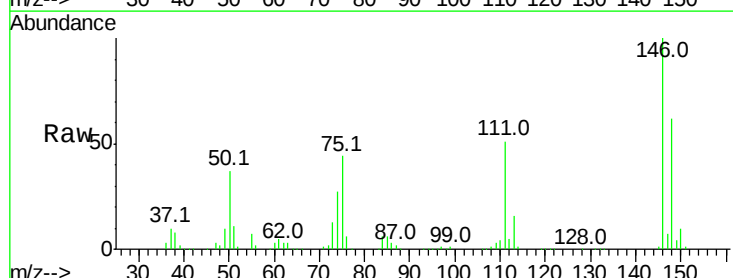
RT: 6.52 min Scan# 432

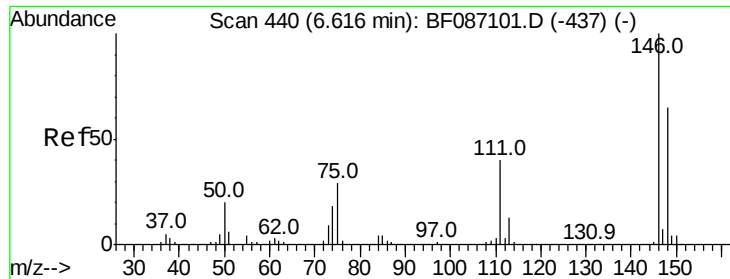
Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	146	Resp:	394196
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.4	78.6
75	43.8	22.8	34.2#





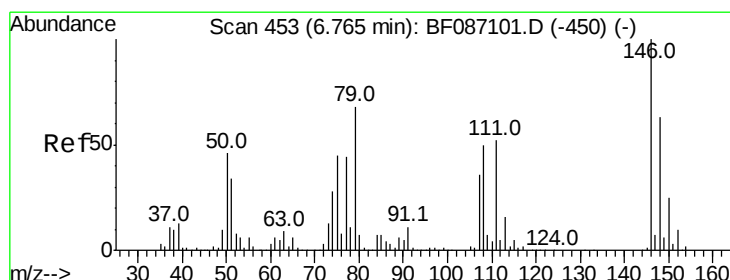
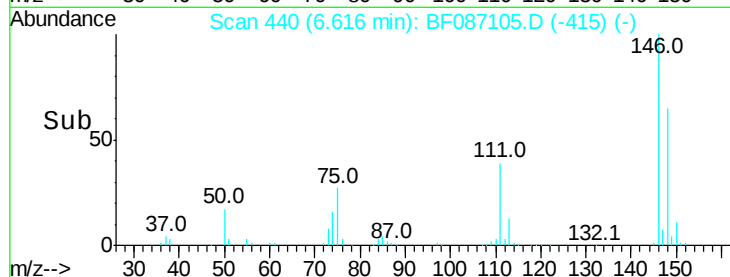
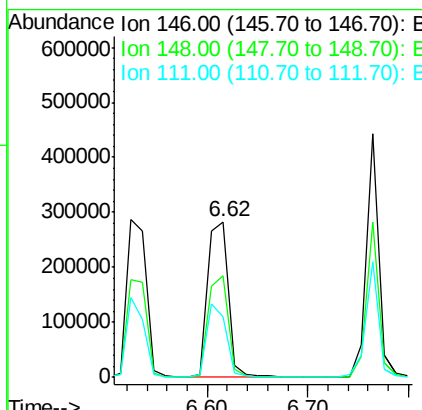
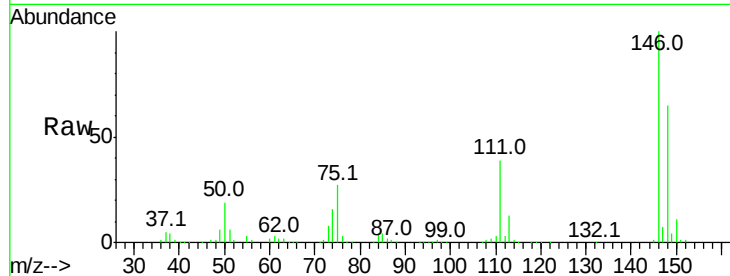
#13
 1,4-Dichlorobenzene
 Concen: 37.94 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.4
111	39.1	30.7	46.1

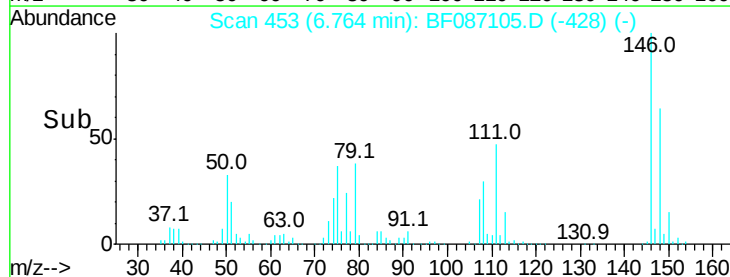
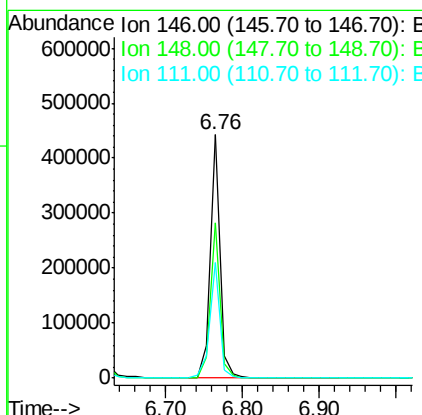
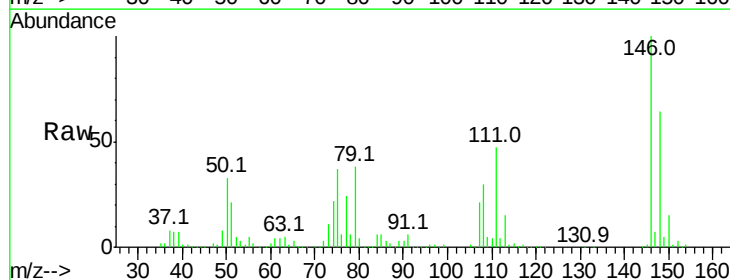
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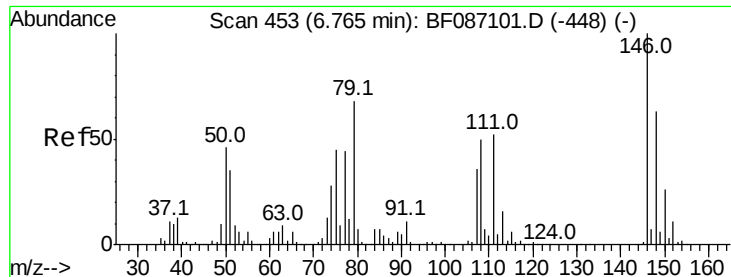
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#14
 1,2-Dichlorobenzene
 Concen: 41.26 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	47.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.01 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

ClientSampleId :

ICVBF051716

Tot Ion: 79 Resp: 313189

Ion Ratio Lower Upper

79 100

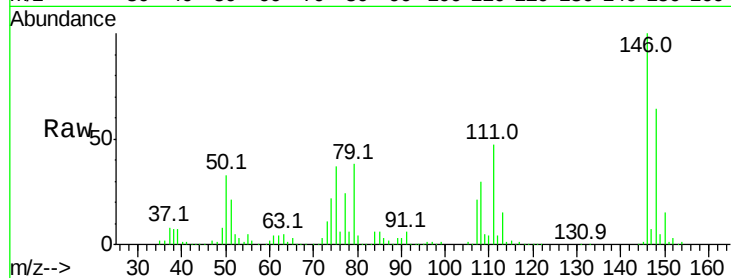
108 80.8 68.4 102.6

77 63.7 50.6 76.0

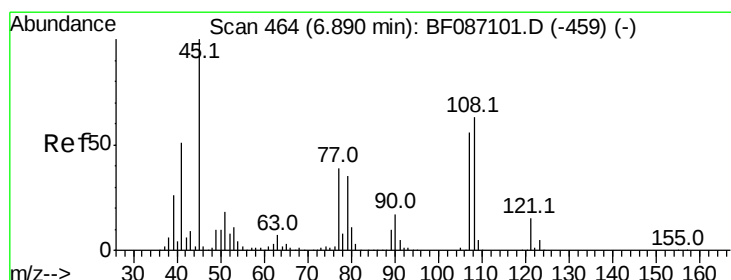
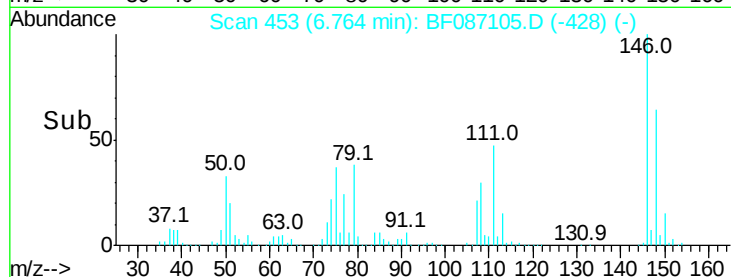
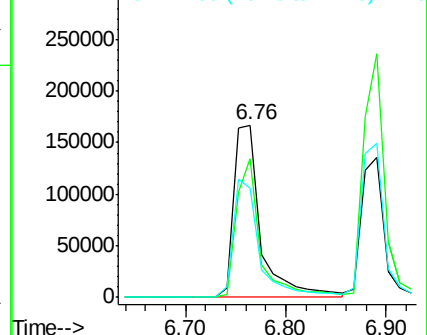
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.01 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

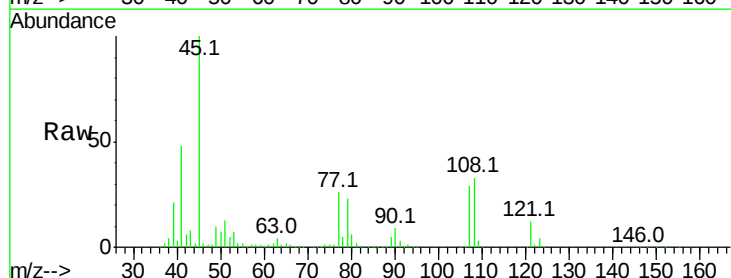
Tgt Ion: 45 Resp: 837287

Ion Ratio Lower Upper

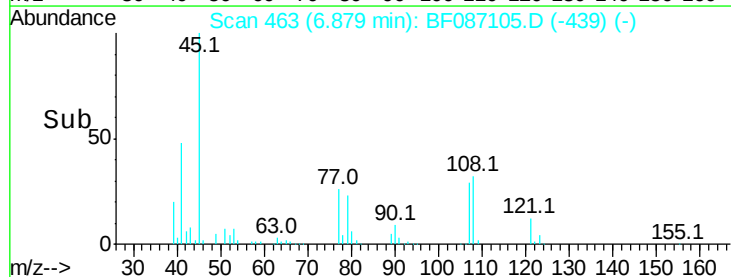
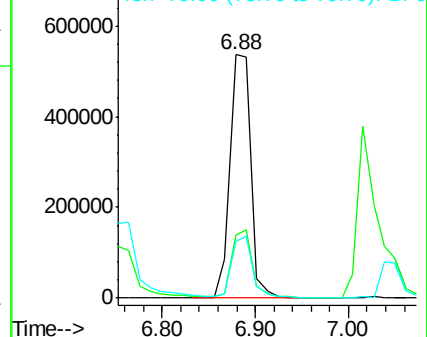
45 100

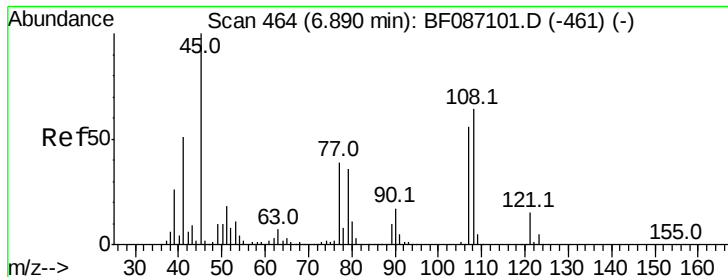
77 26.0 0.0 36.4

79 23.1 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.41 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

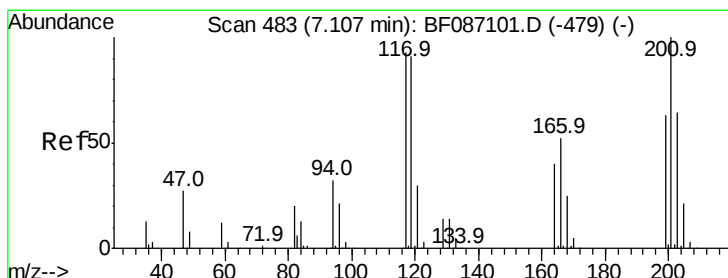
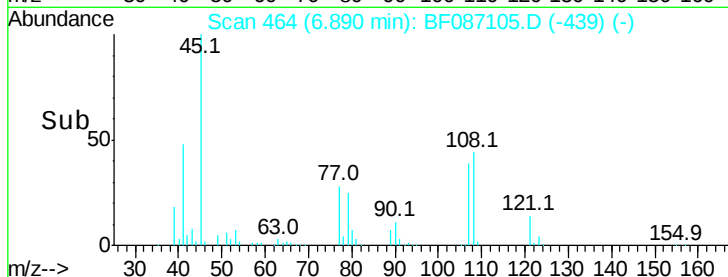
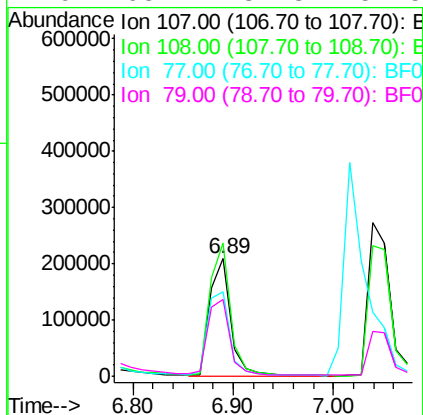
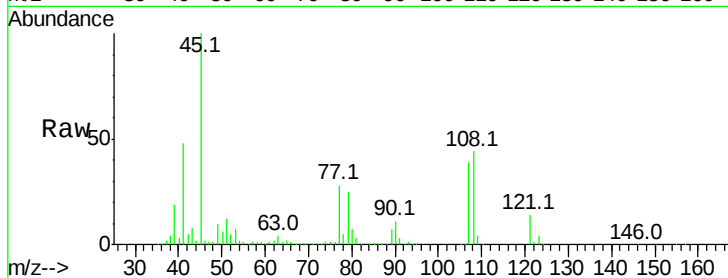
ClientSampleId :

ICVBF051716

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	93.7	140.5	
77	72.0	33.4	50.0#	
79	65.1	34.3	51.5#	

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#18

Hexachloroethane

Concen: 38.74 ng

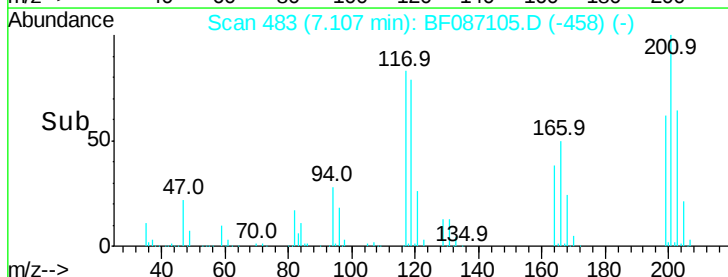
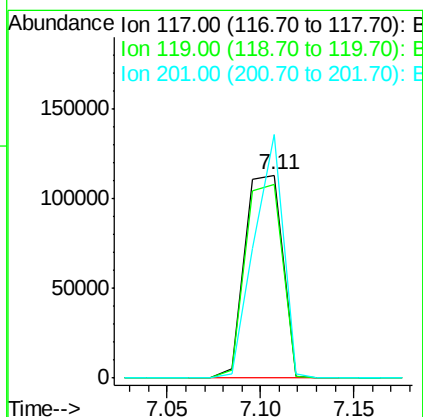
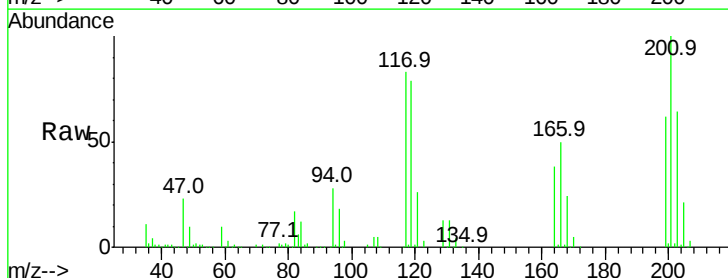
RT: 7.11 min Scan# 483

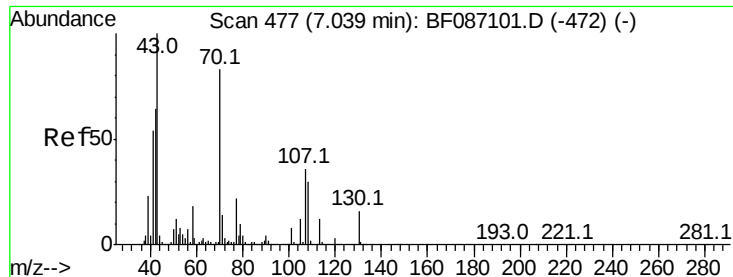
Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.5	114.7	
201	120.0	63.0	94.6#	





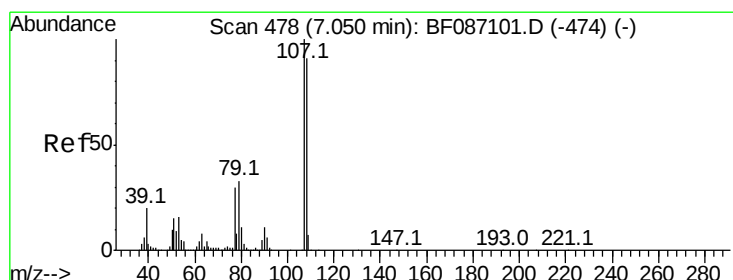
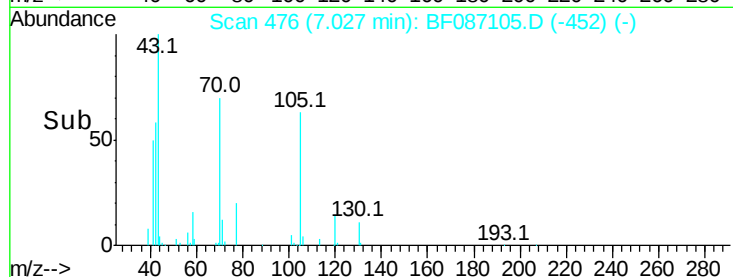
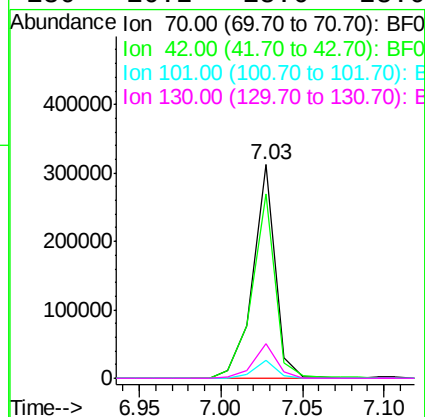
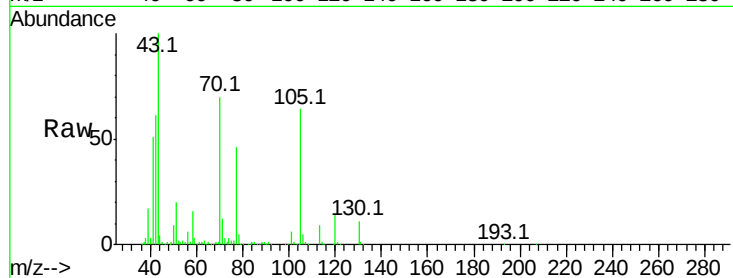
#19
n-Nitroso-di-n-propylamine
Concen: 36.33 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	86.6	43.1	64.7#
101	8.3	8.1	12.1
130	16.2	18.6	28.0#

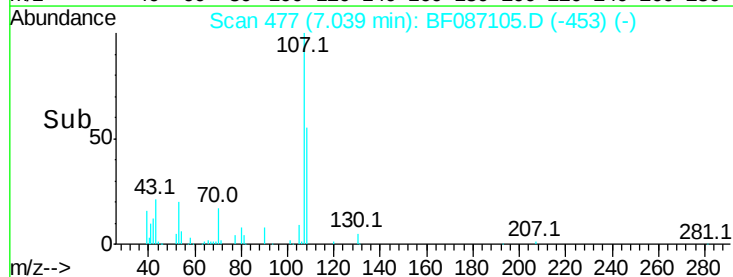
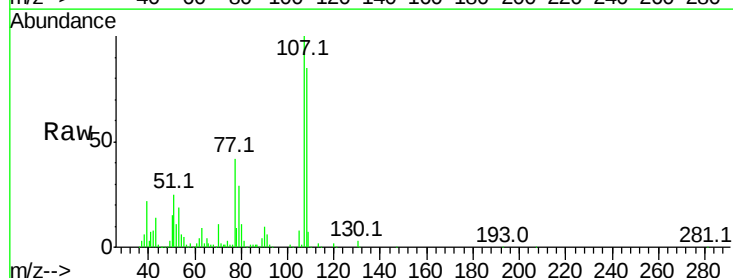
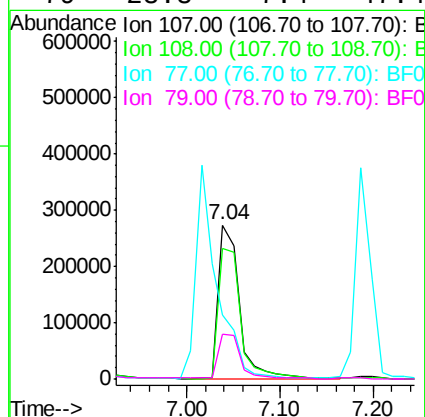
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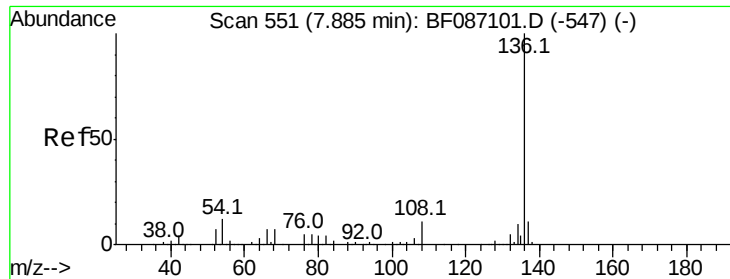
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#20
3+4-Methylphenols
Concen: 39.93 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	85.0	68.5	108.5
77	41.8	101.6	141.6#
79	28.8	7.4	47.4





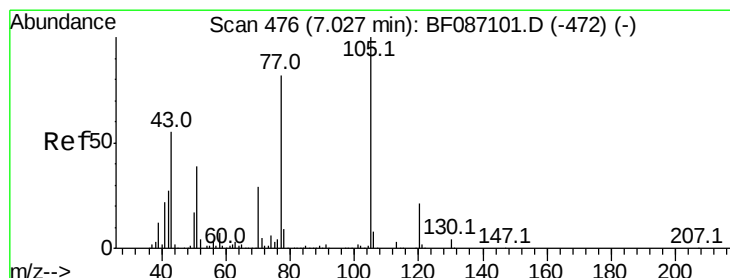
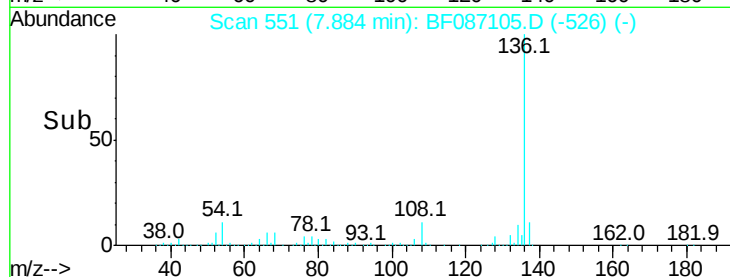
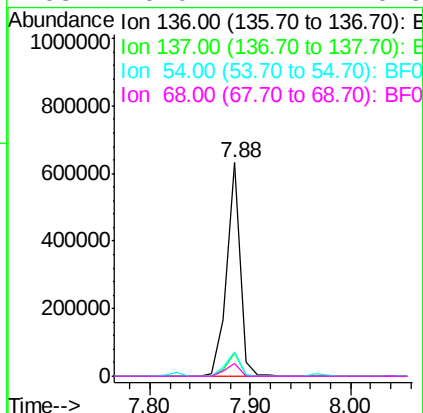
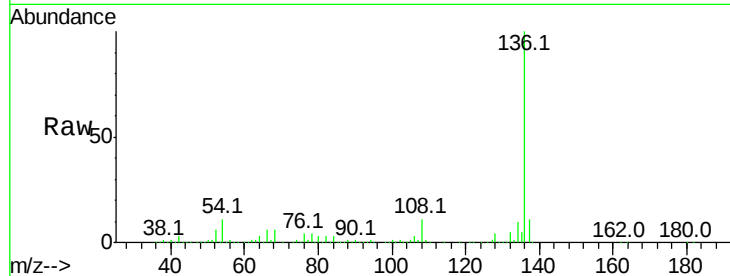
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.2	5.0	7.4#
68	6.0	4.4	6.6

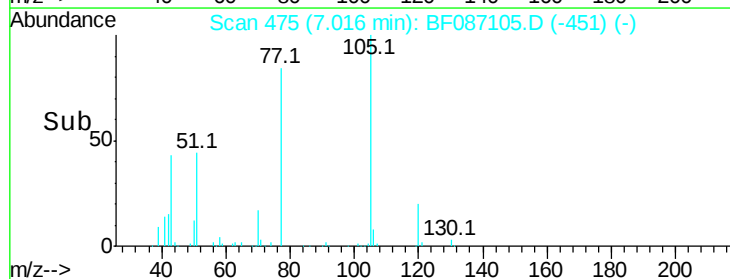
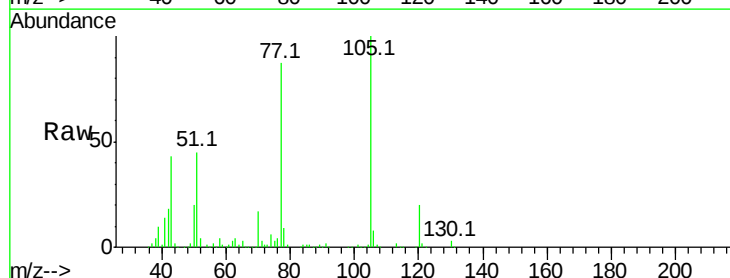
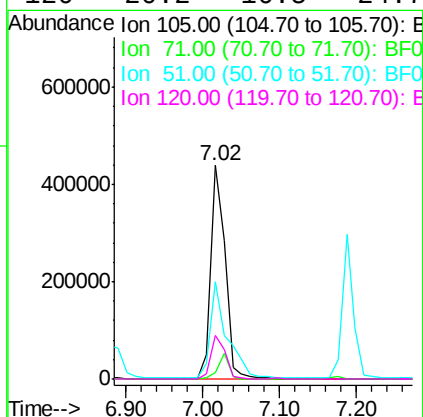
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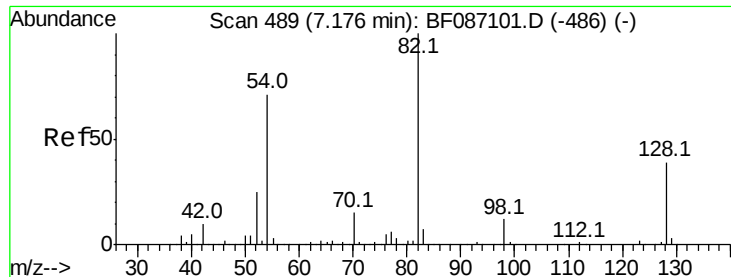
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#22
Acetophenone
Concen: 39.41 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.9	4.8	7.2#
51	45.5	32.6	49.0
120	20.2	16.5	24.7





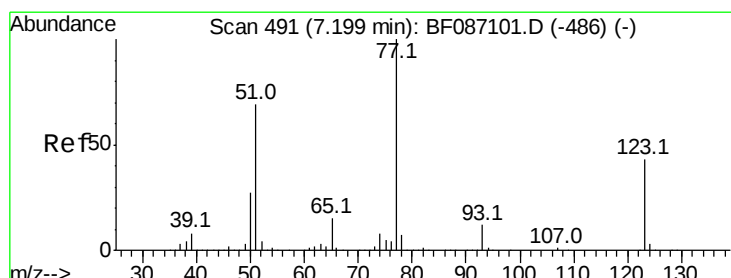
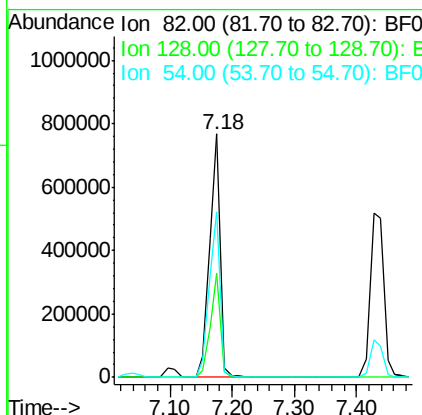
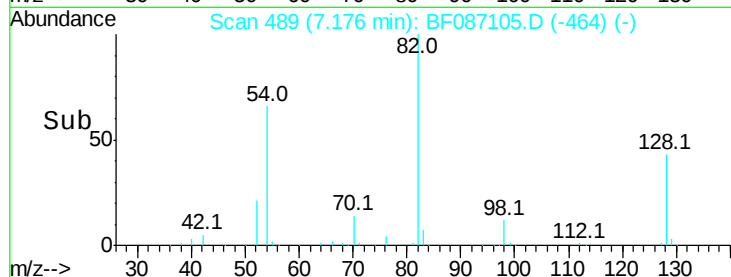
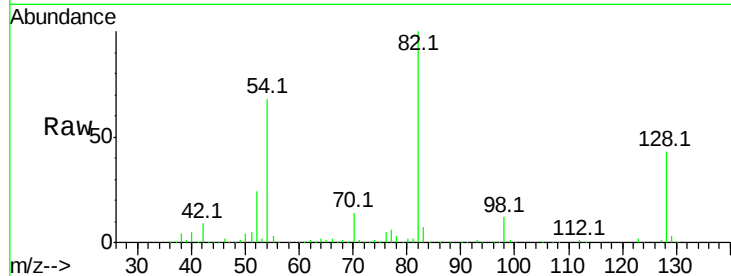
#23
 Nitrobenzene-d5
 Concen: 77.71 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

Tot Ion:	82	Resp:	911958
Ion Ratio	Lower	Upper	
82	100		
128	42.6	40.6	61.0
54	67.9	38.1	57.1#

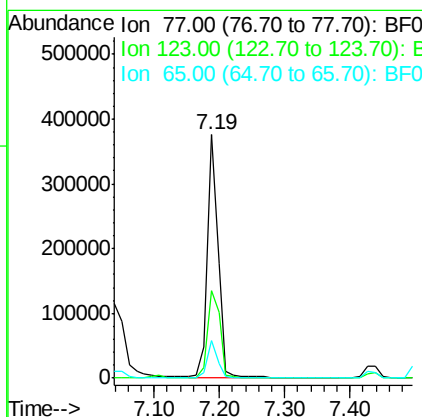
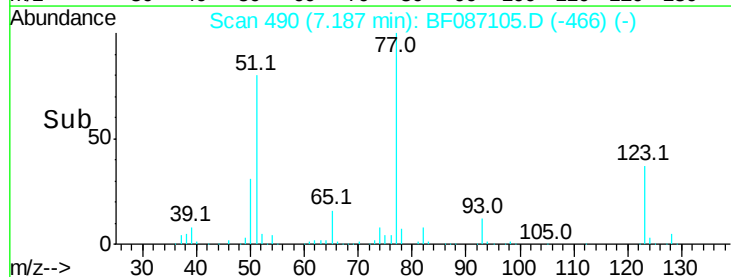
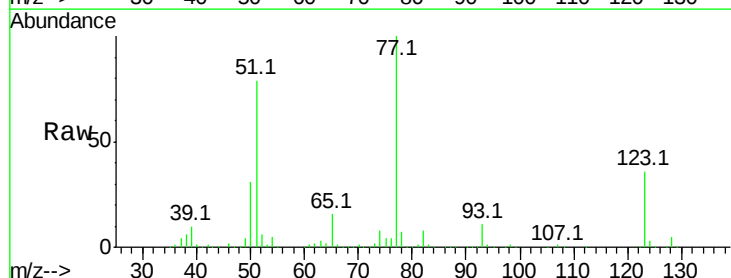
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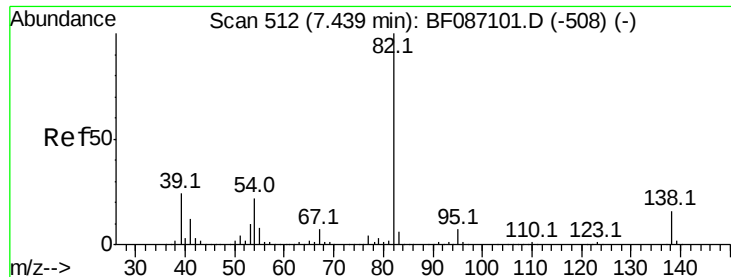
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#24
 Nitrobenzene
 Concen: 33.79 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion:	77	Resp:	433004
Ion Ratio	Lower	Upper	
77	100		
123	36.1	33.0	49.4
65	15.6	10.8	16.2





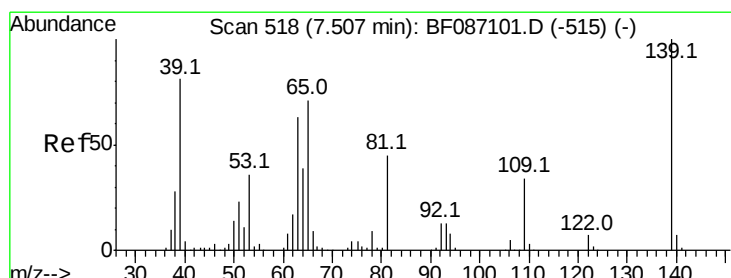
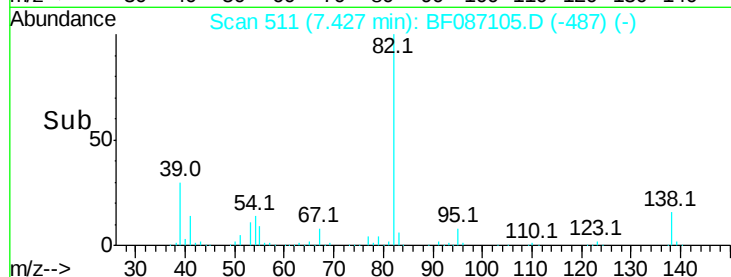
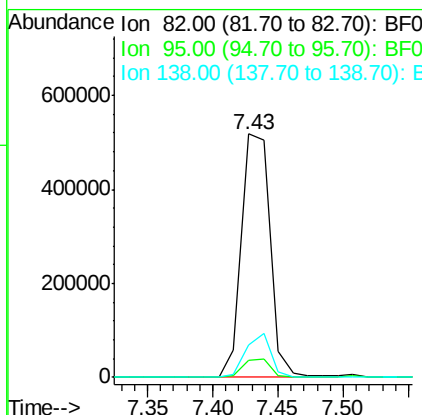
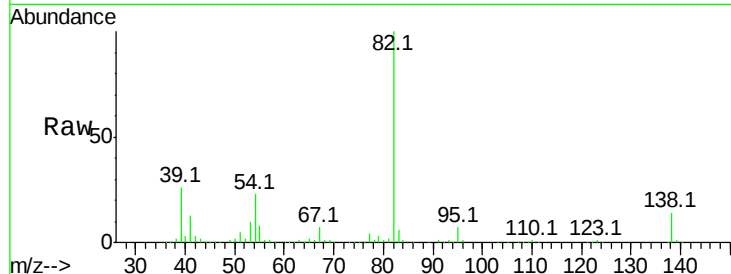
#25
Isophorone
Concen: 36.82 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	82	Resp	790996
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	13.6	12.4	18.6

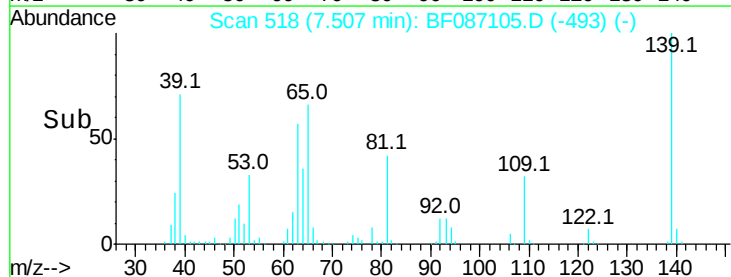
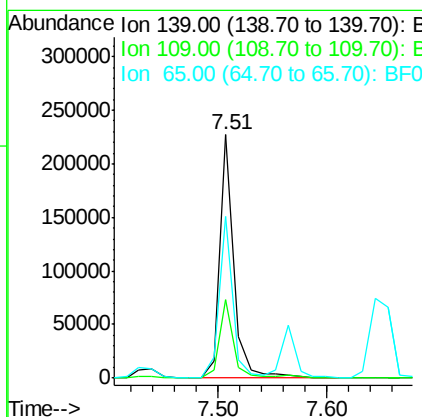
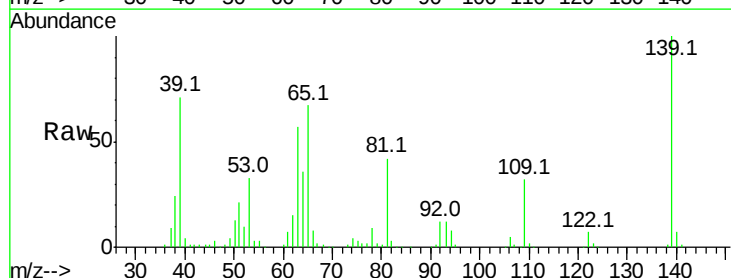
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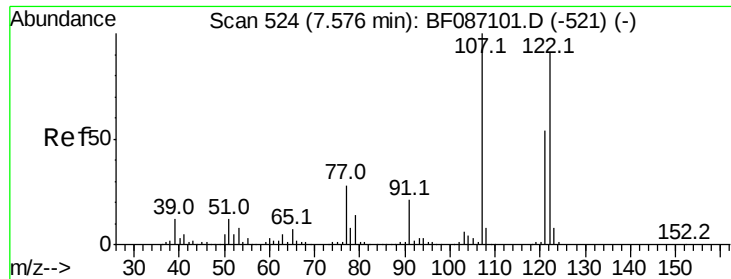
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#26
2-Nitrophenol
Concen: 39.21 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	139	Resp	208120
Ion Ratio	Lower	Upper	
139	100		
109	32.0	19.5	29.3#
65	66.5	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 36.85 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

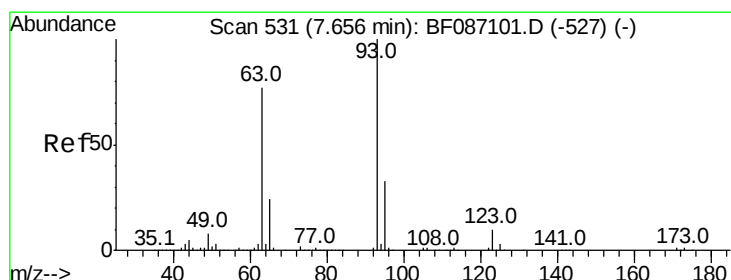
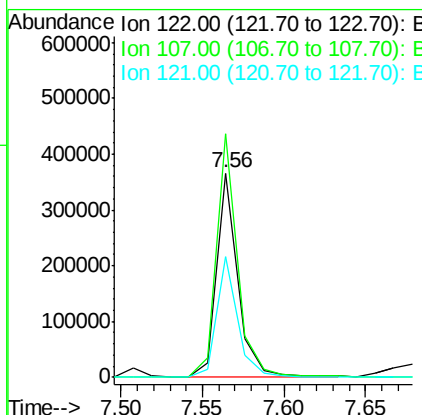
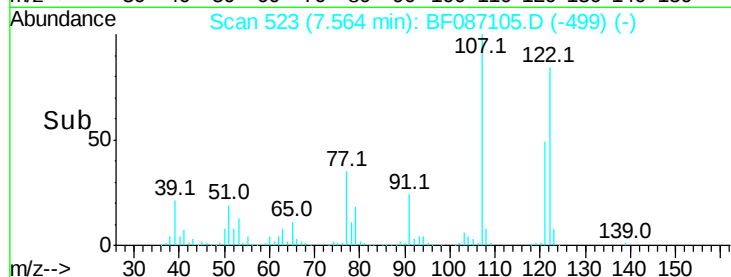
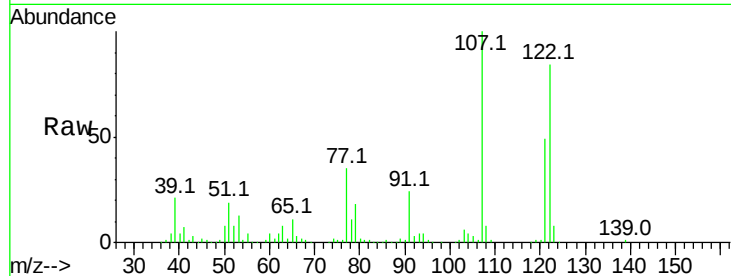
ClientSampleId :

ICVBF051716

Tot Ion:	122	Resp:	333765
Ion Ratio	Lower	Upper	
122	100		
107	119.1	82.0	123.0
121	58.8	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 37.50 ng

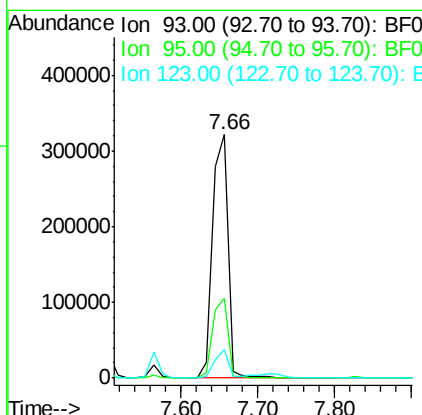
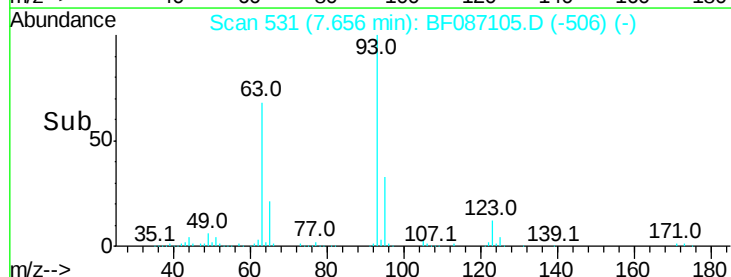
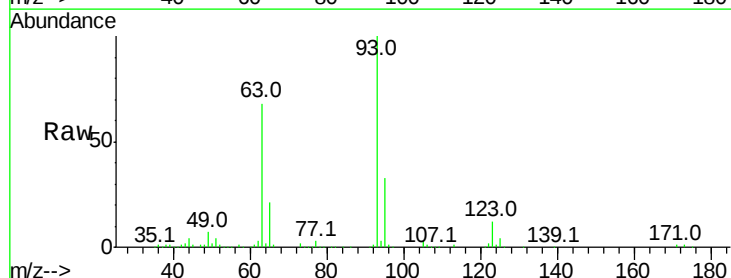
RT: 7.66 min Scan# 531

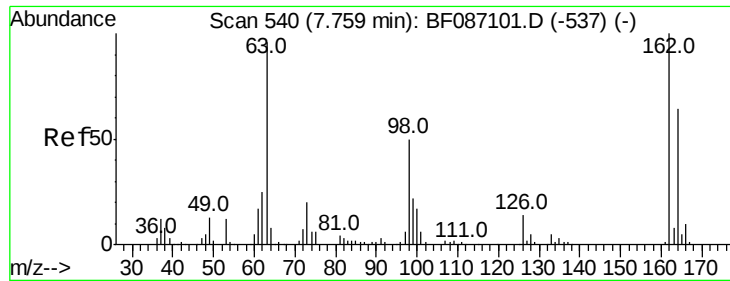
Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	93	Resp:	442307
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.0	39.0
123	12.0	9.5	14.3





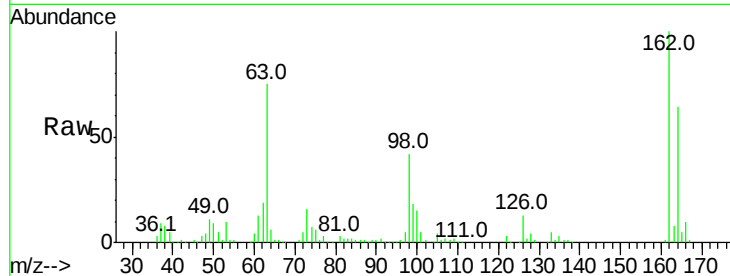
#29
 2,4-Dichlorophenol
 Concen: 39.31 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

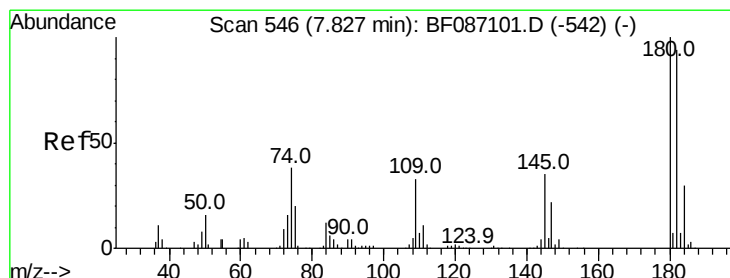
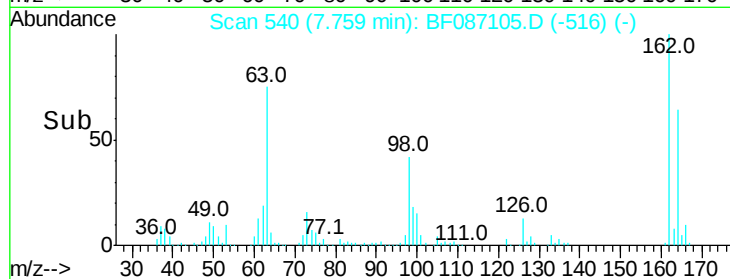
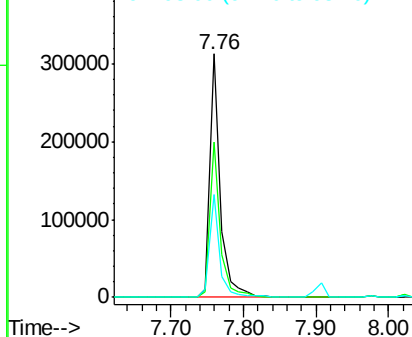
Tot Ion	Ratio	Resp	Lower	Upper
162	100	313771		
164	63.9	42.2	82.2	
98	42.4	19.0	59.0	

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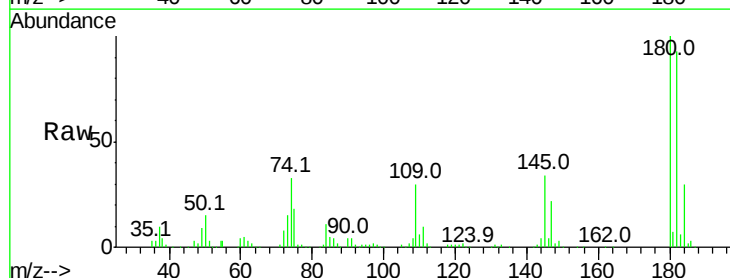


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

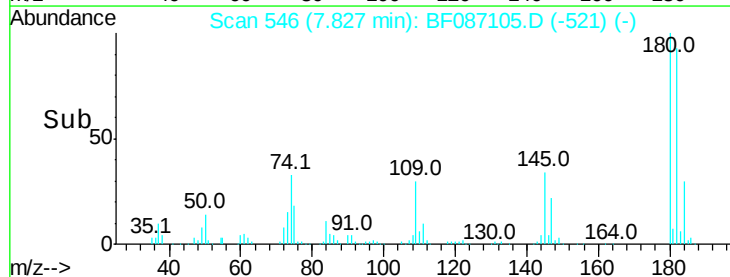
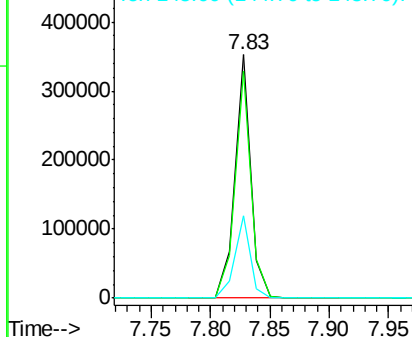


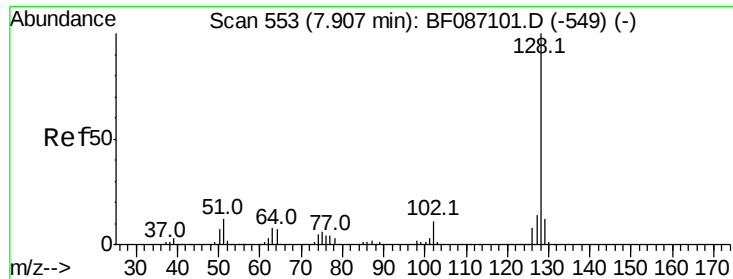
#30
 1,2,4-Trichlorobenzene
 Concen: 37.23 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	329761		
182	93.5	78.0	117.0	
145	33.6	24.2	36.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.16 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

ClientSampleId :

ICVBF051716

Tot Ion:128 Resp: 1147633

Ion Ratio Lower Upper

128 100

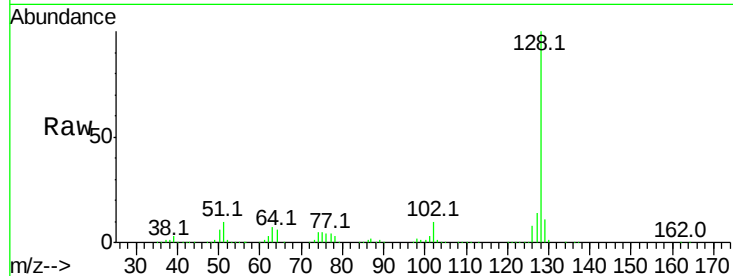
129 11.4 8.6 13.0

127 13.9 10.8 16.2

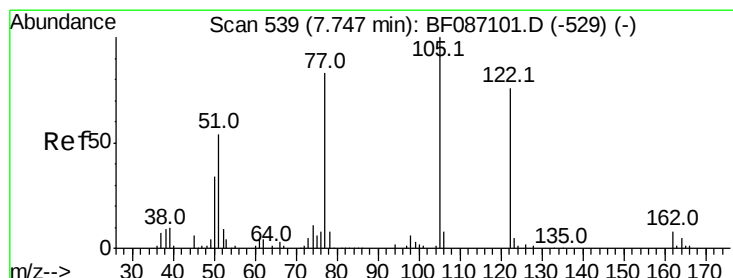
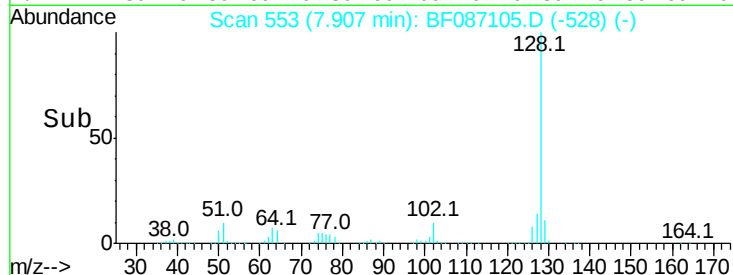
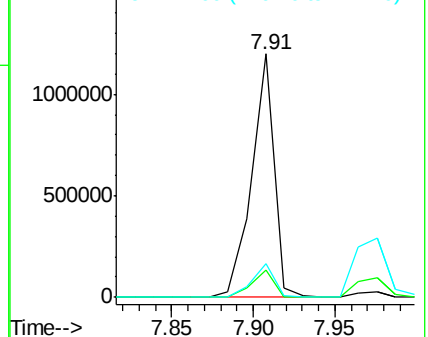
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.07 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

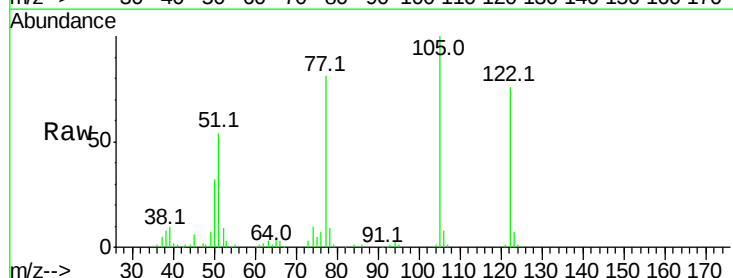
Tgt Ion:122 Resp: 221764

Ion Ratio Lower Upper

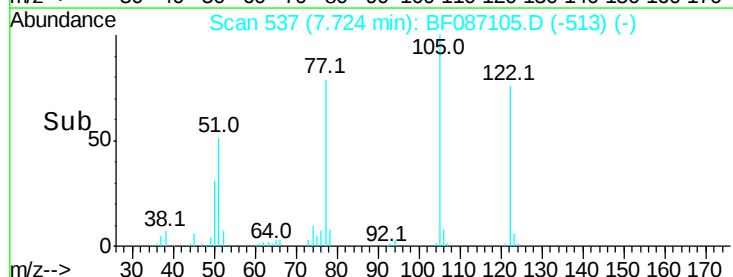
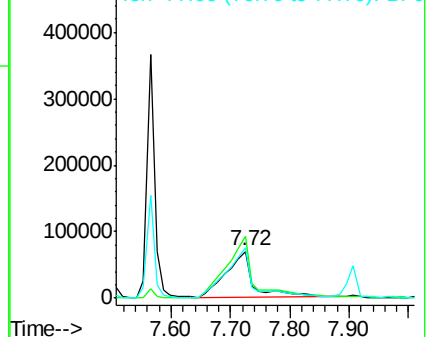
122 100

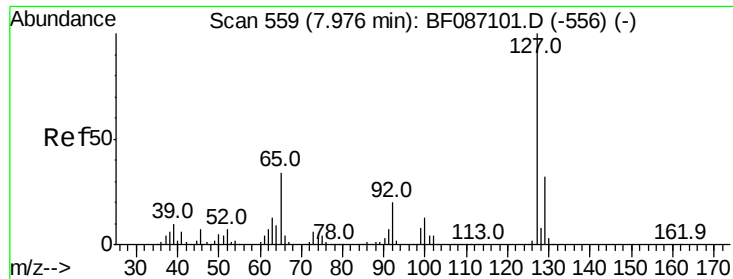
105 131.4 92.6 132.6

77 107.1 60.0 100.0#



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





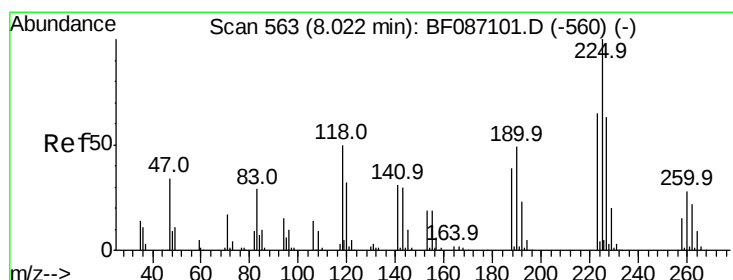
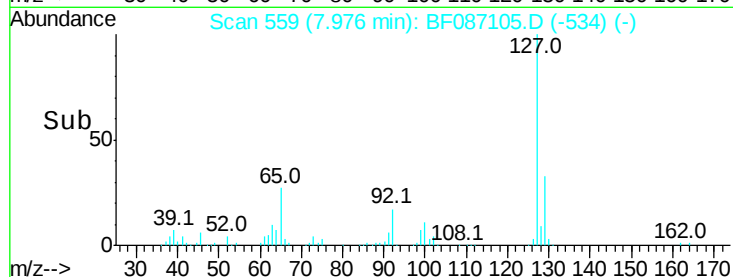
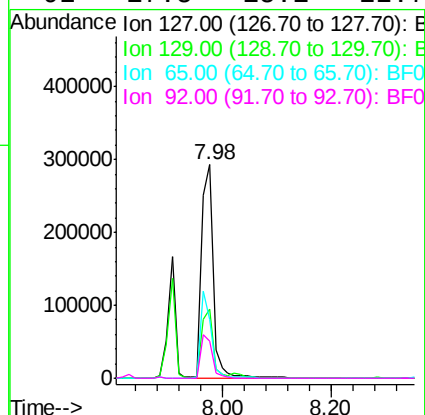
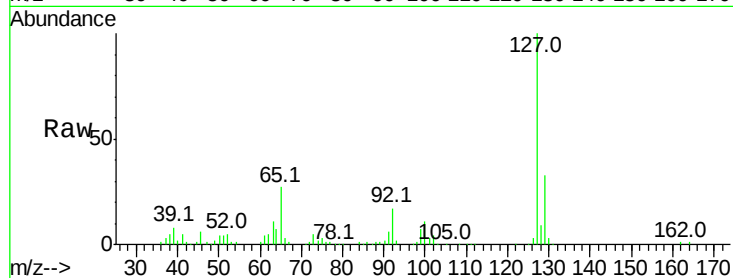
#33
4-Chloroaniline
Concen: 36.22 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ion	Ratio	Resp	Lower	Upper
430233	127	100			
	129	32.6	26.2	39.4	
	65	27.5	23.0	34.4	
	92	17.5	15.1	22.7	

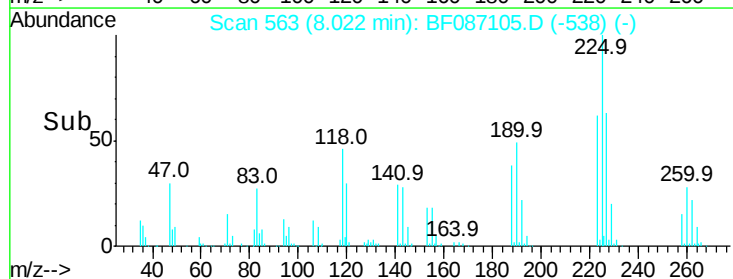
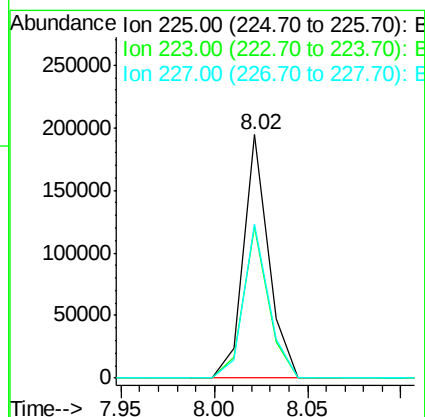
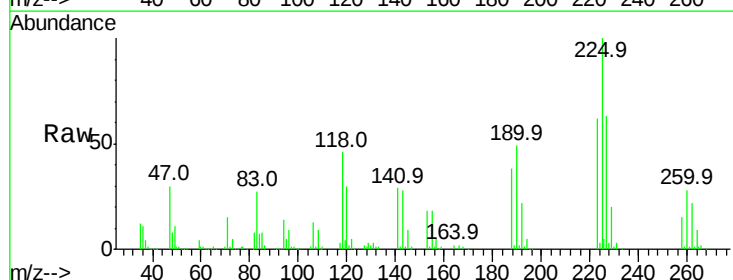
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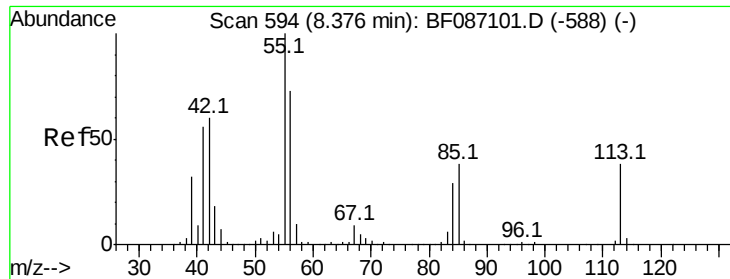
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#34
Hexachlorobutadiene
Concen: 36.43 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
183135	225	100			
	223	62.4	51.5	77.3	
	227	63.4	52.2	78.2	





#35

Caprolactam

Concen: 41.21 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

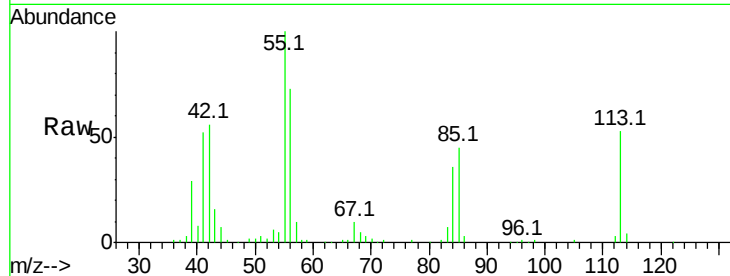
ClientSampleId :

ICVBF051716

Tot Ion:	113	Resp:	109530
Ion Ratio	Lower	Upper	
113	100		
55	188.0	162.0	202.0
56	138.0	115.3	155.3

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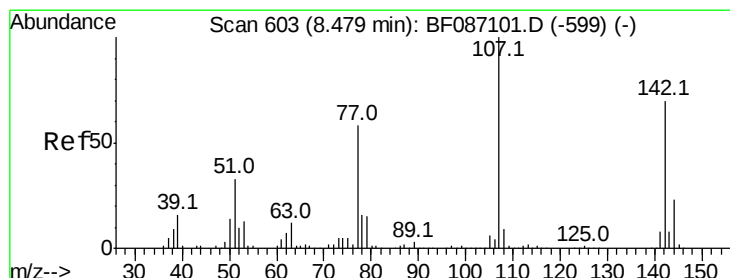
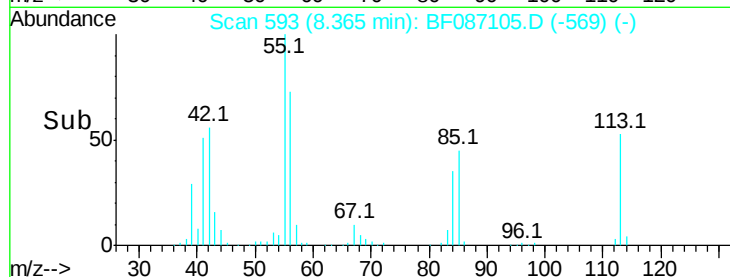
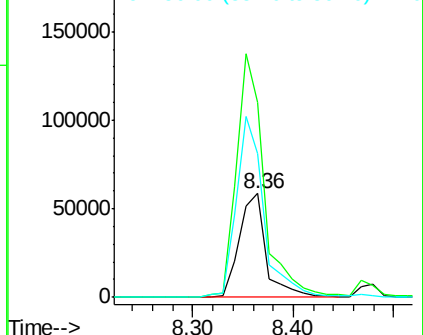
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.25 ng

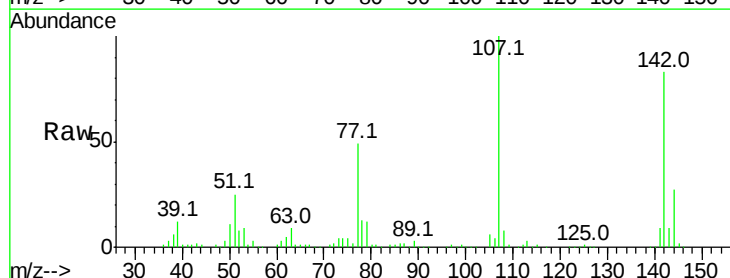
RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

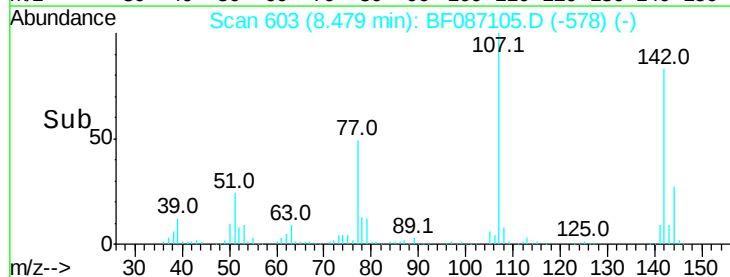
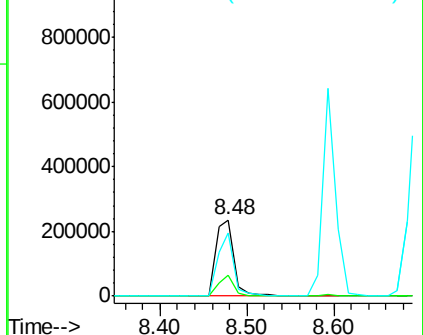
Tgt Ion:	107	Resp:	349032
Ion Ratio	Lower	Upper	
107	100		
144	27.5	20.7	31.1
142	83.4	63.2	94.8

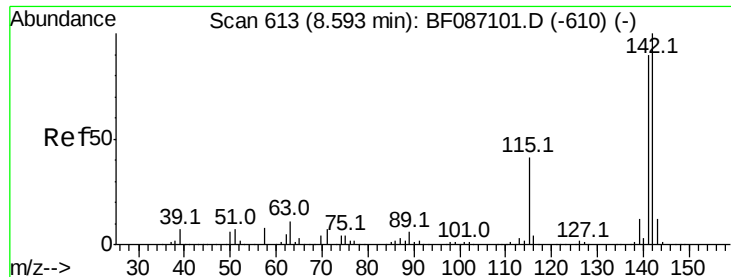


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





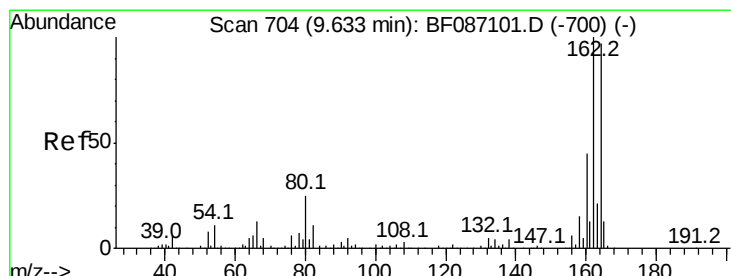
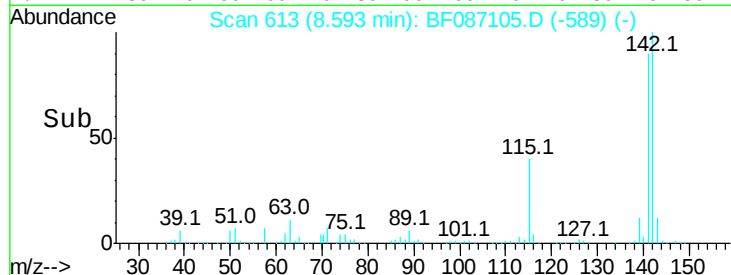
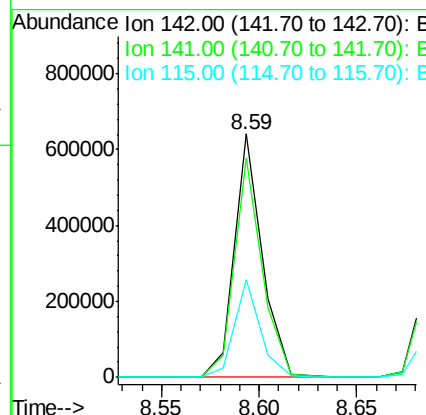
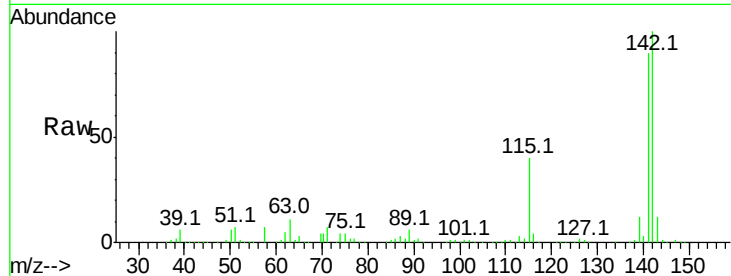
#37
 2-Methylnaphthalene
 Concen: 34.87 ng/ml
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

Tot Ion	Ratio	Resp	Lower	Upper
142	100	637422		
141	89.9	71.0	106.6	
115	40.0	26.6	39.8	

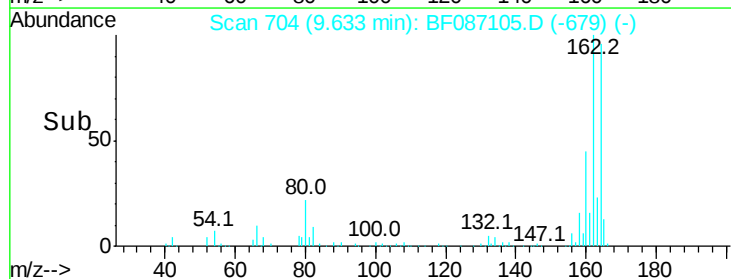
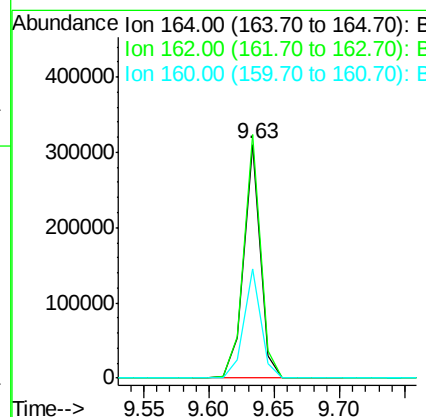
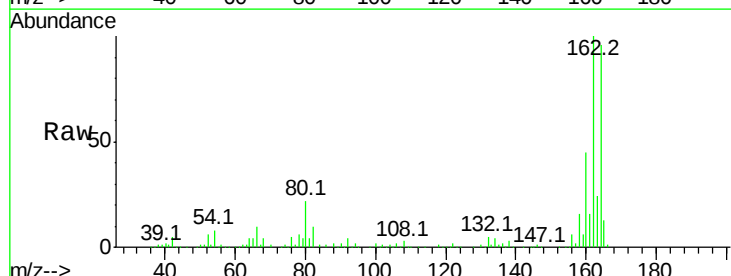
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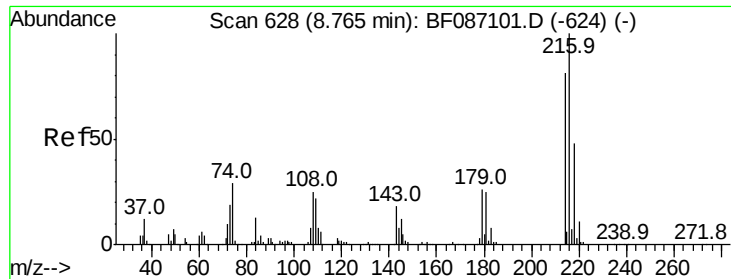
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	273513		
162	104.1	82.8	124.2	
160	46.9	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.93 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

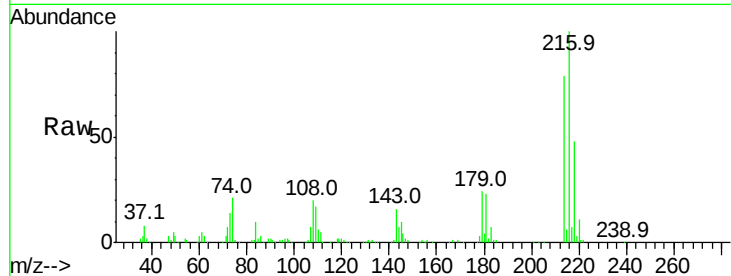
ClientSampleId :

ICVBF051716

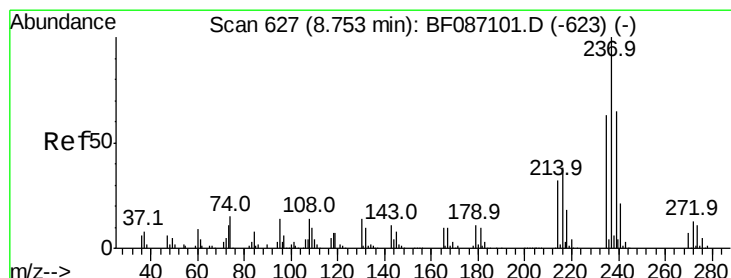
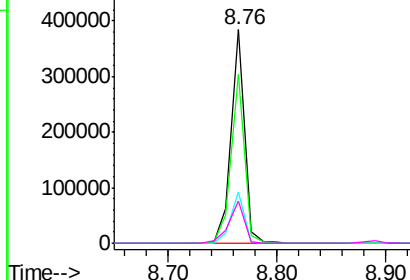
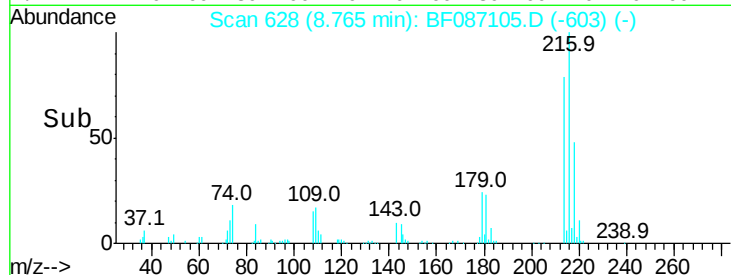
Tot Ion	Ratio	Resp	Lower	Upper
216	100	326981		
214	79.2	62.6	93.8	
179	24.1	18.2	27.4	
108	22.8	17.5	26.3	

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



#40

Hexachlorocyclopentadiene

Concen: 34.67 ng

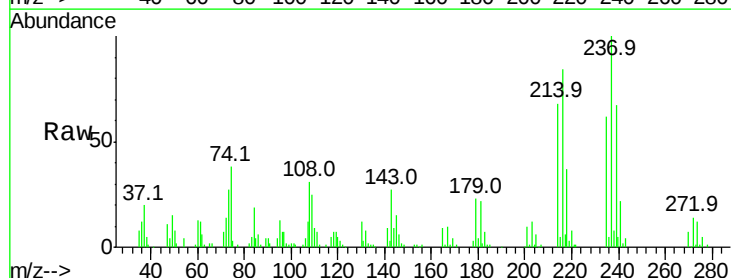
RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

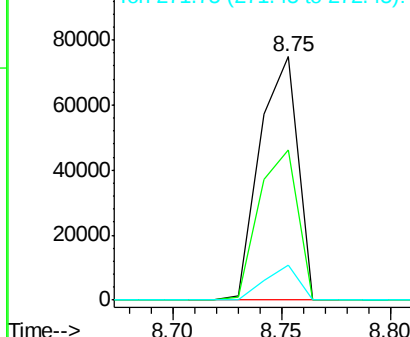
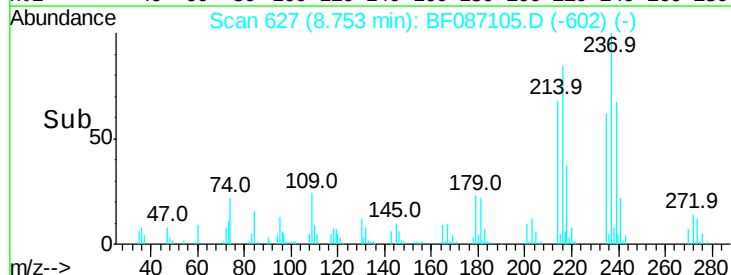
Lab File: BF087105.D

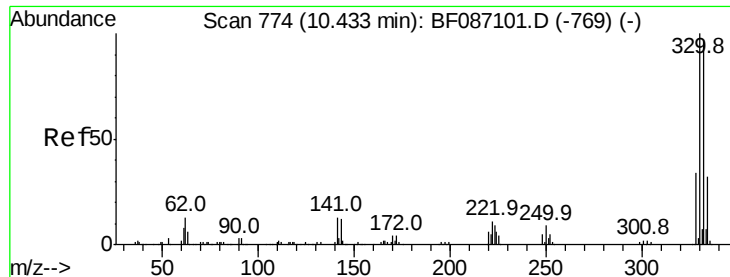
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	91722		
235	61.6	47.2	87.2	
272	14.5	0.0	31.1	



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





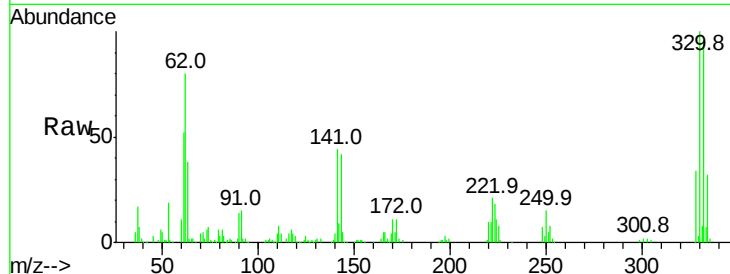
#41
 2,4,6-Tribromophenol
 Concen: 68.80 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

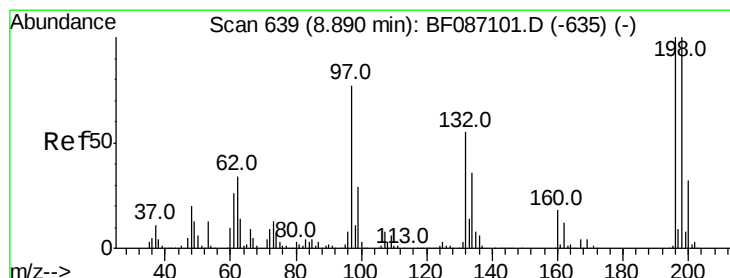
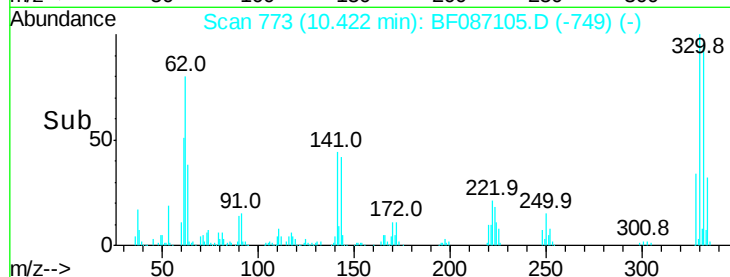
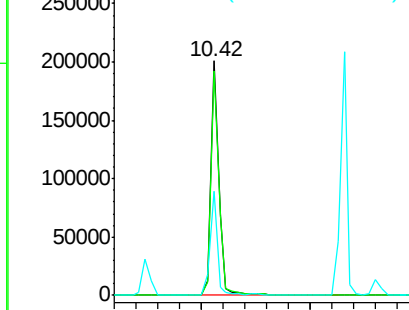
Tot Ion	Ratio	Resp	Lower	Upper
330	100	207946		
332	96.8	79.0	118.4	
141	39.7	31.2	46.8	

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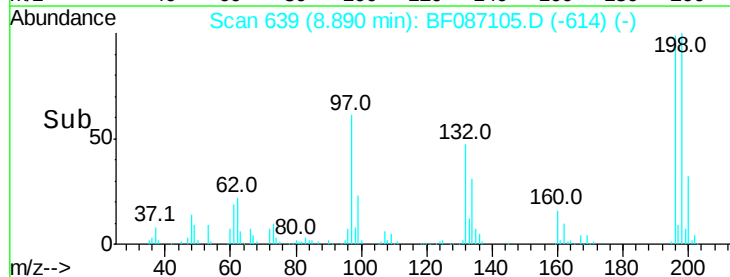
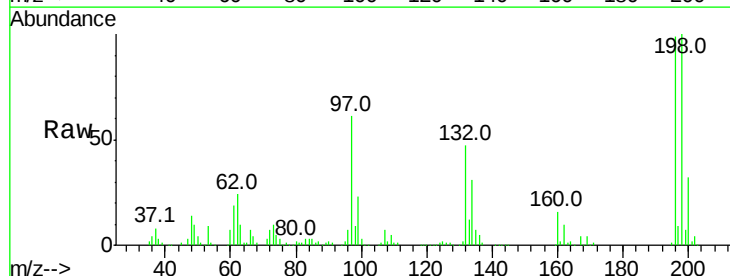
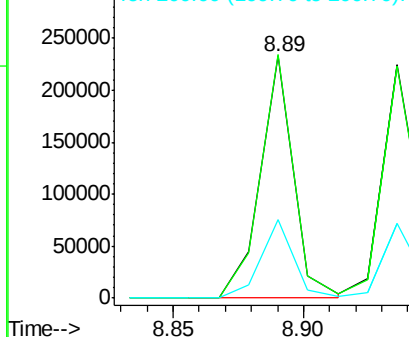
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

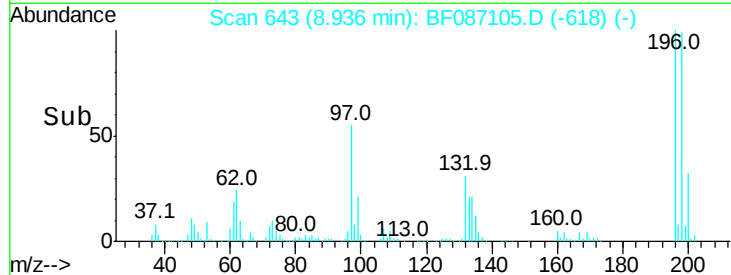
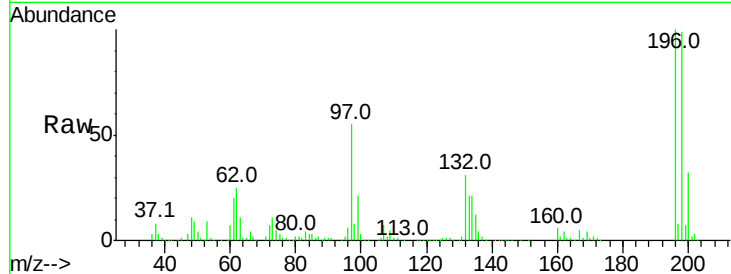
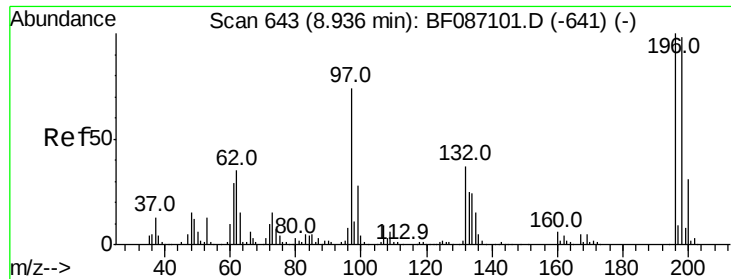


#42
 2,4,6-Trichlorophenol
 Concen: 40.02 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207355		
198	100.7	74.7	112.1	
200	32.3	23.8	35.6	

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





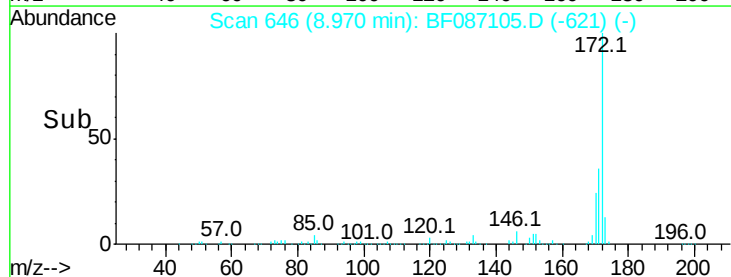
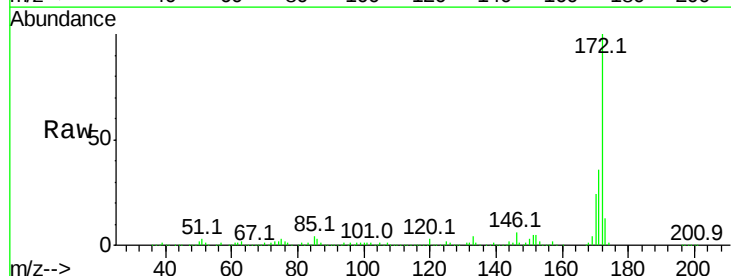
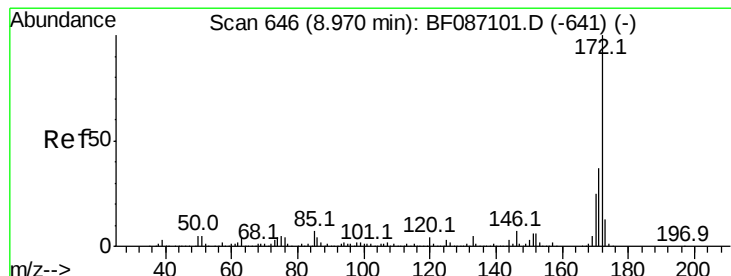
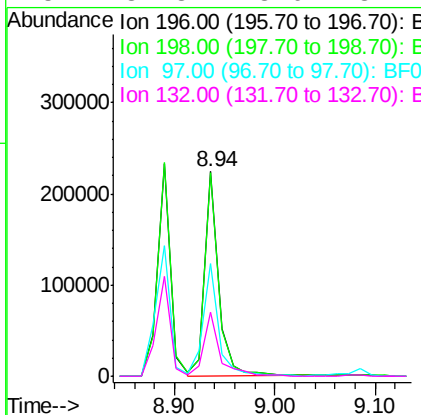
#43
2,4,5-Trichlorophenol
Concen: 40.68 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		218957		
198	99.5	77.5	116.3		
97	55.1	34.8	52.2		
132	31.3	23.0	34.4		

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

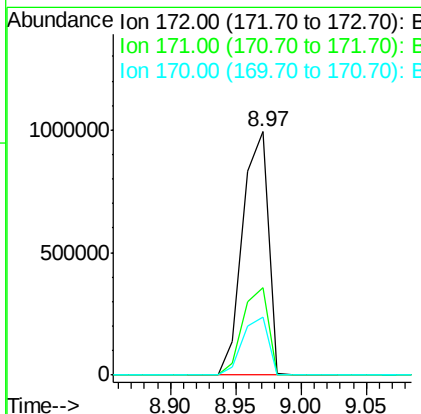
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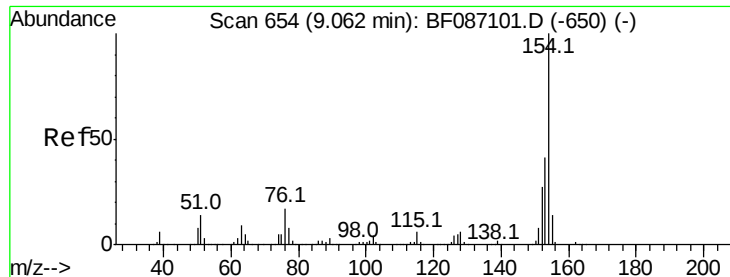
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#44
2-Fluorobiphenyl
Concen: 82.44 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1361480		
171	36.0	29.0	43.6		
170	24.1	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 38.18 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

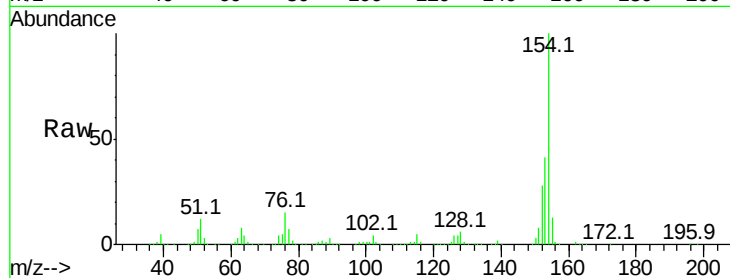
ClientSampleId :

ICVBF051716

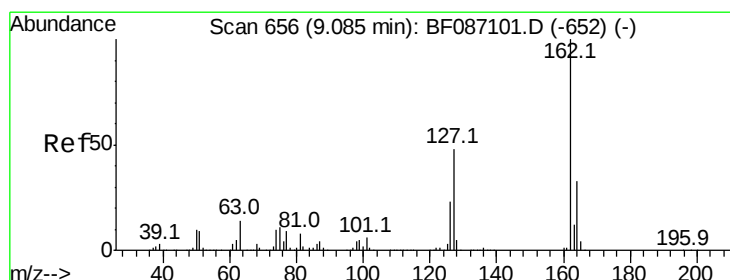
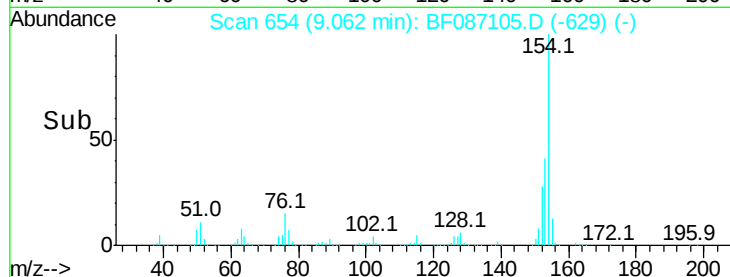
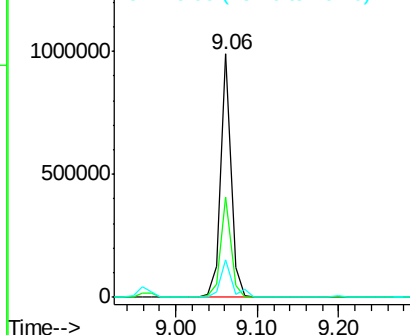
Tot Ion:	154	Resp:	865862
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.3	60.3
76	15.3	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 38.40 ng

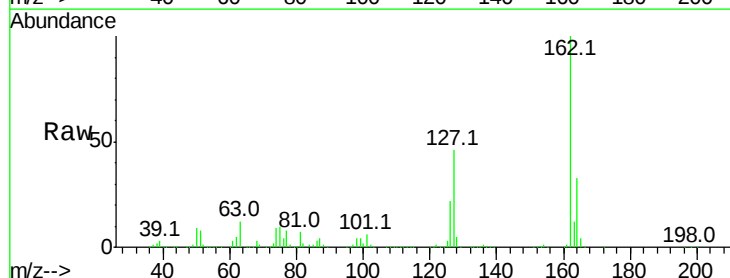
RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

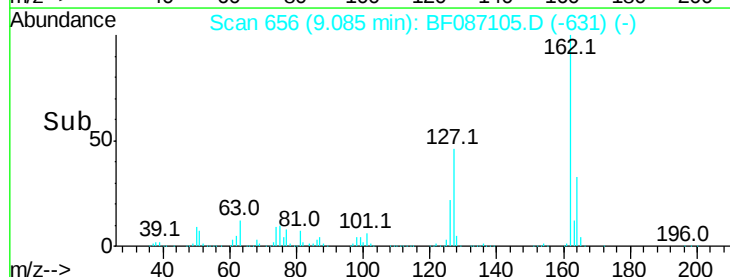
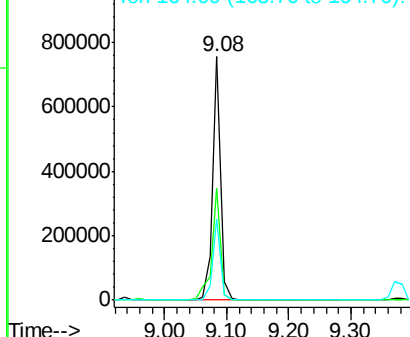
Lab File: BF087105.D

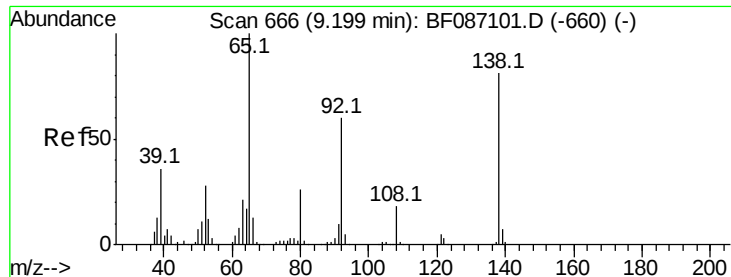
Acq: 17 May 2016 16:03

Tgt Ion:	162	Resp:	668571
Ion Ratio	Lower	Upper	
162	100		
127	45.8	31.8	47.6
164	33.1	27.0	40.6



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





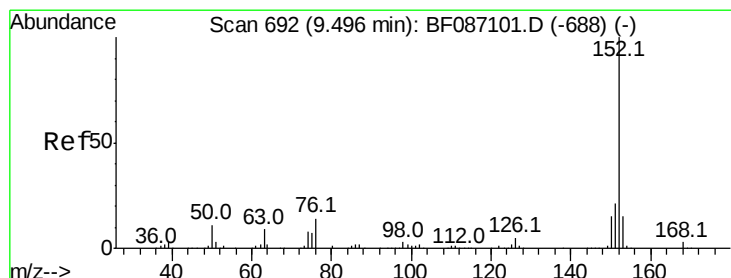
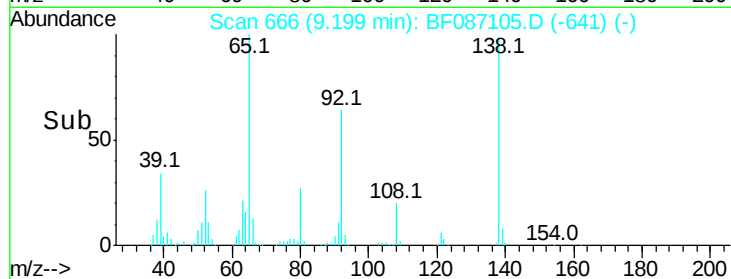
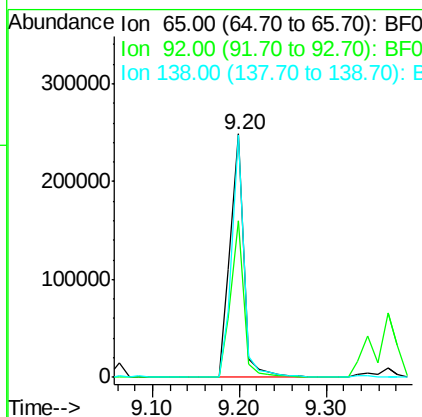
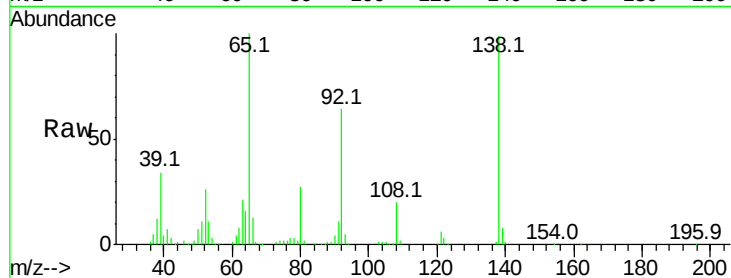
#47
2-Nitroaniline
Concen: 41.40 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	57.4	86.2
138	99.5	90.1	135.1

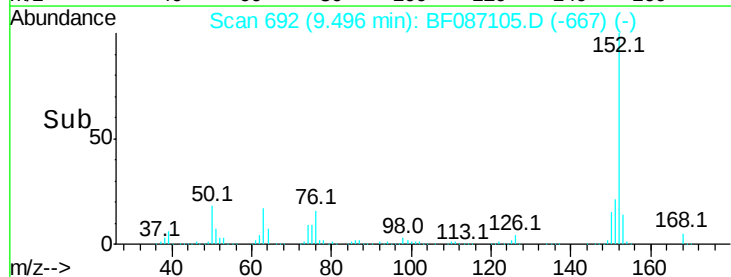
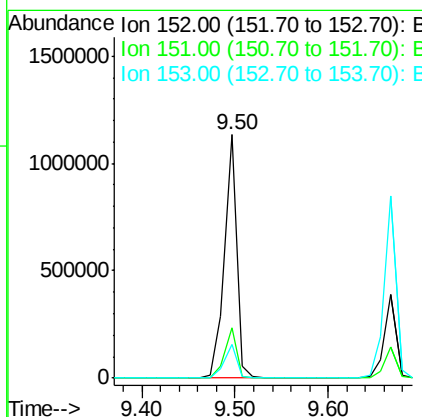
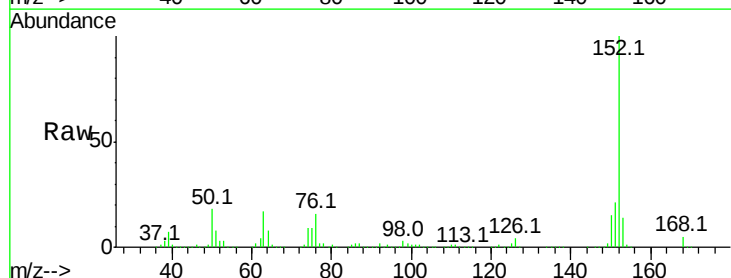
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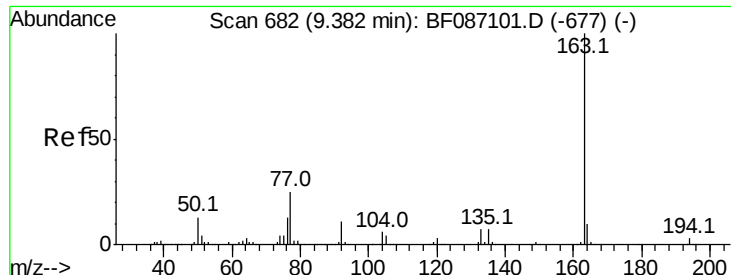
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#48
Acenaphthylene
Concen: 39.02 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.1	10.9	16.3





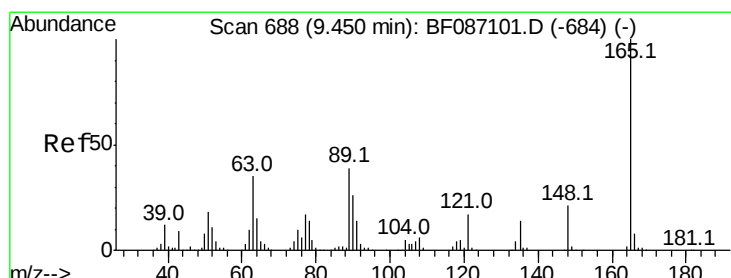
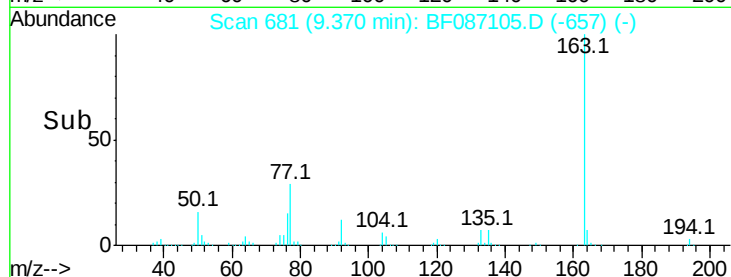
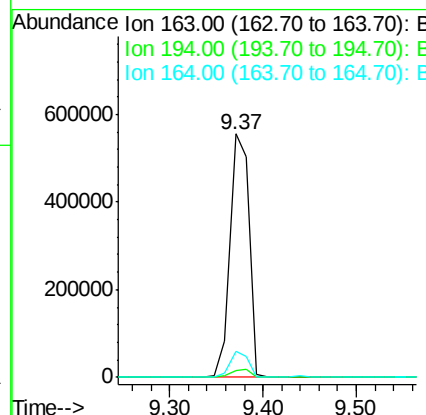
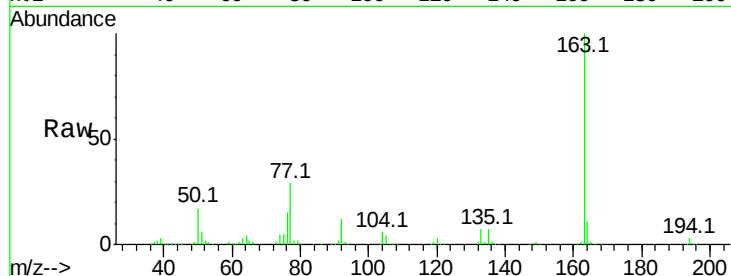
#49
Dimethylphthalate
Concen: 38.19 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Resp	Lower	Upper
163	100	796775		
194	3.0		2.6	4.0
164	10.6		8.2	12.4

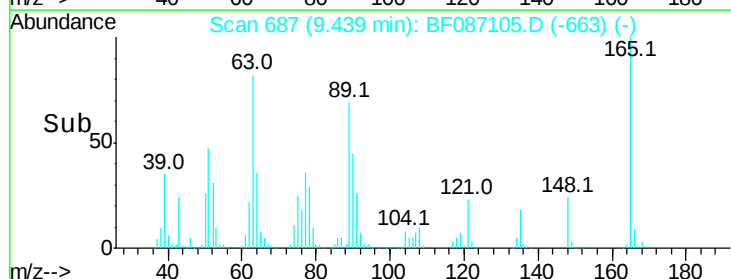
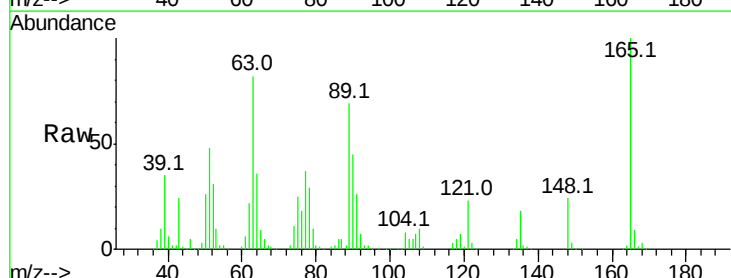
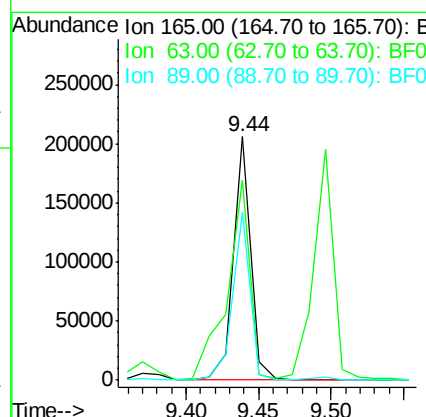
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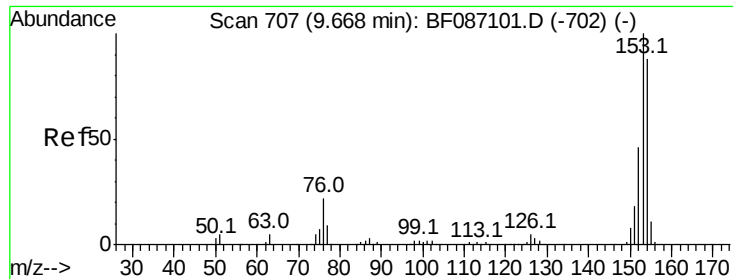
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#50
2,6-Dinitrotoluene
Concen: 37.49 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169867		
63	82.4		51.8	77.8#
89	69.3		50.7	76.1





#51

Acenaphthene

Concen: 39.54 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

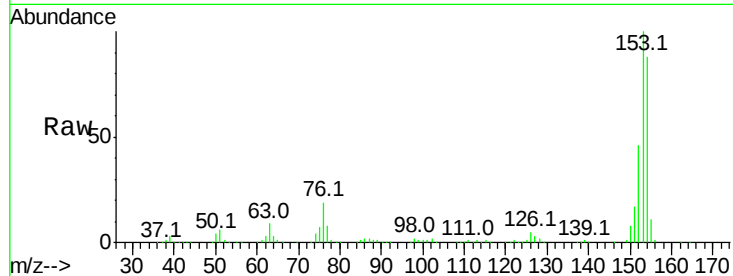
ClientSampleId :

ICVBF051716

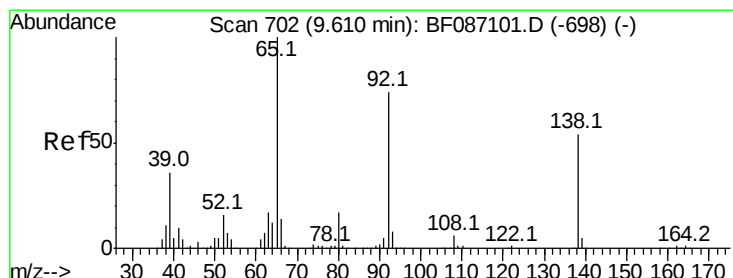
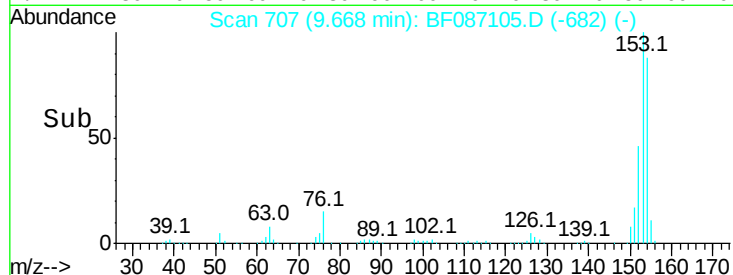
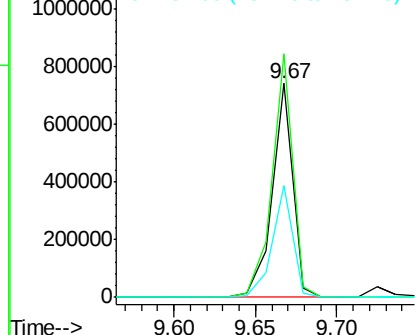
Tot Ion:	154	Resp:	656795
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.8	134.6
152	52.3	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.83 ng

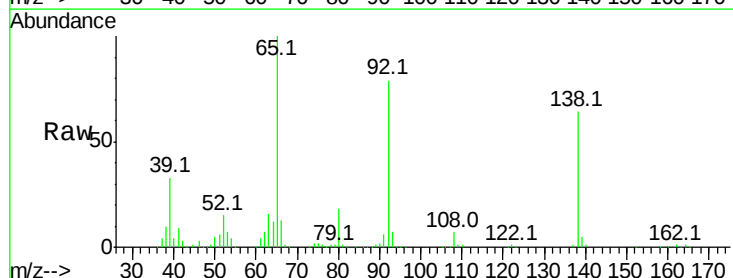
RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

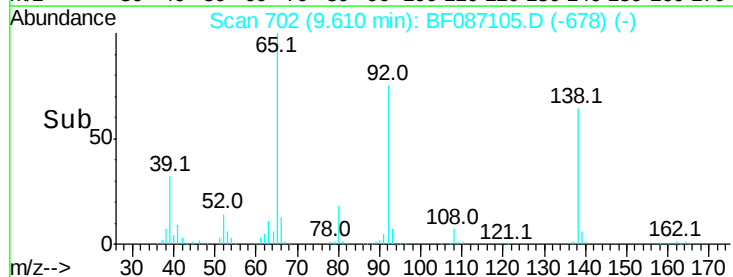
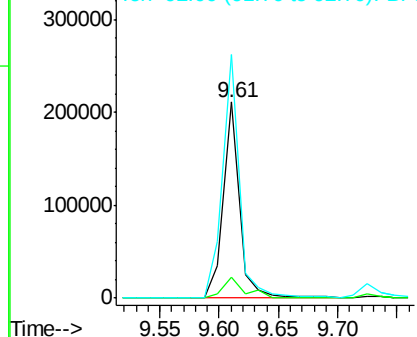
Lab File: BF087105.D

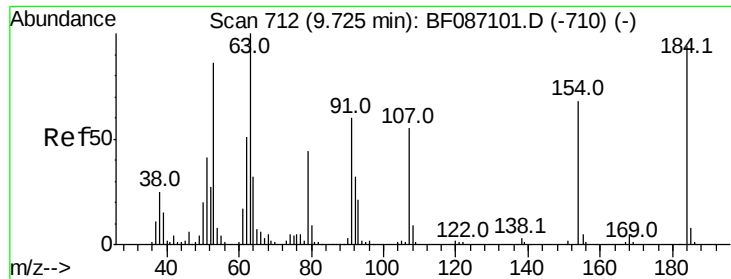
Acq: 17 May 2016 16:03

Tgt Ion:	138	Resp:	200250
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.8	11.6
92	124.2	87.8	131.8



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





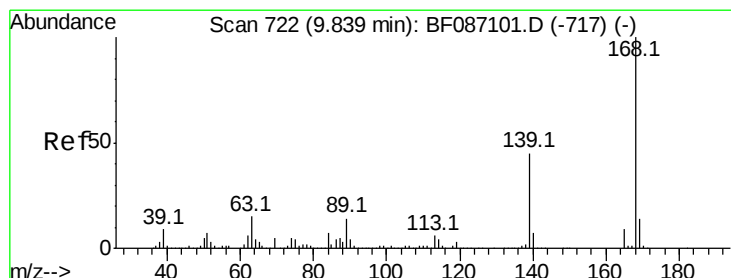
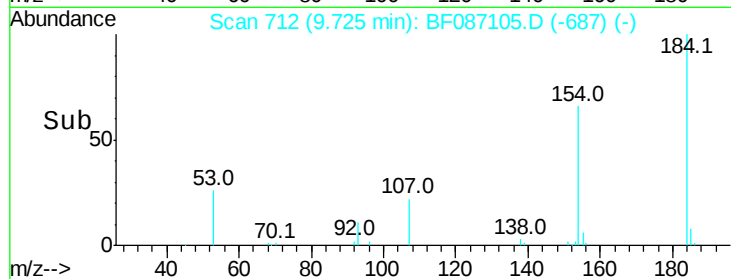
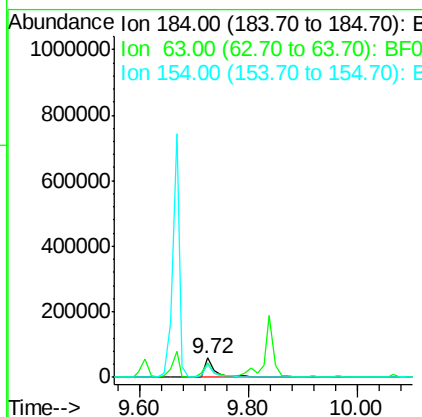
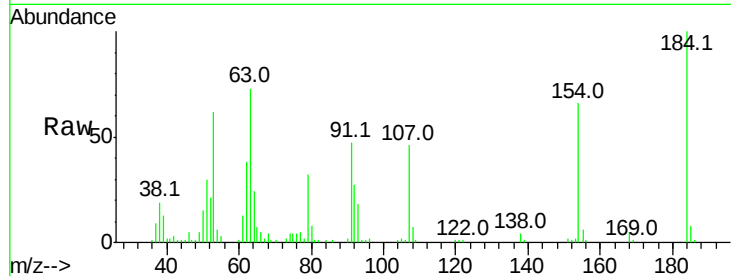
#53
2,4-Dinitrophenol
Concen: 36.01 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	73.3	55.8	83.8	
154	66.3	62.4	93.6	

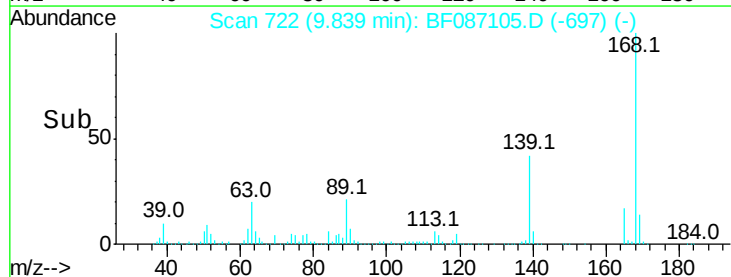
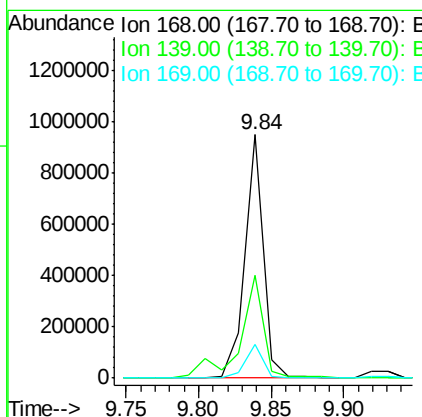
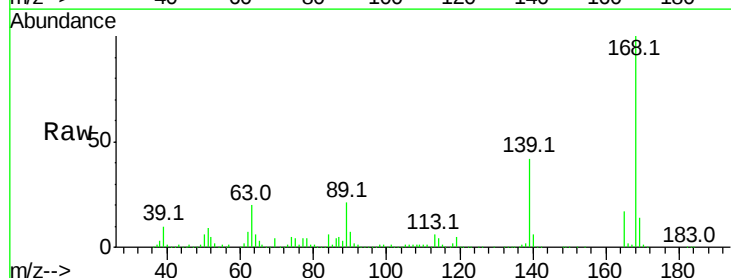
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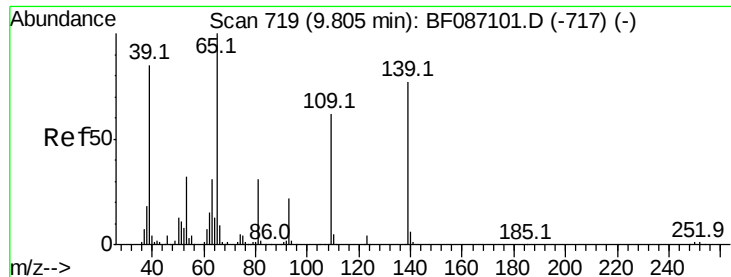
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#54
Dibenzofuran
Concen: 38.89 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.5	31.4	47.0	
169	13.7	10.7	16.1	





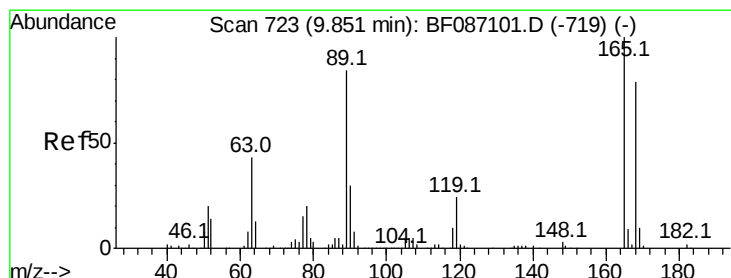
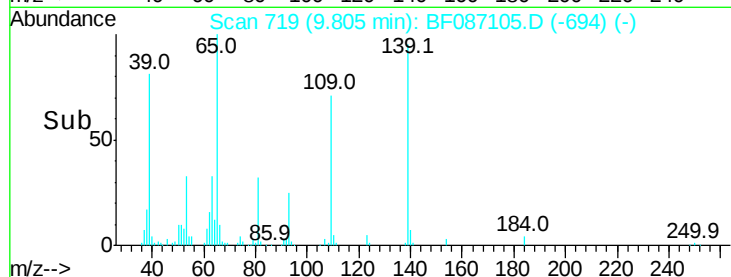
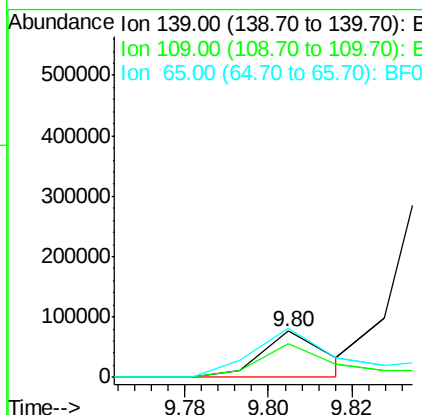
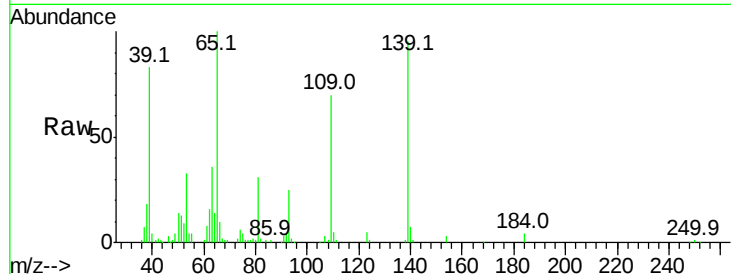
#55
4-Nitrophenol
Concen: 36.40 ng/ml
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.1	36.9	76.9
65	105.5	64.0	104.0

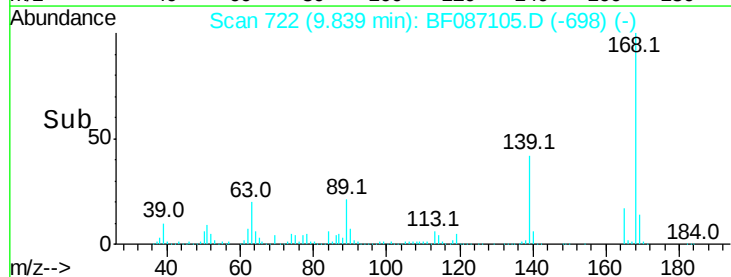
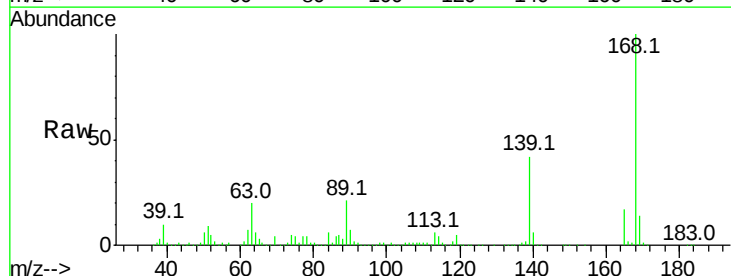
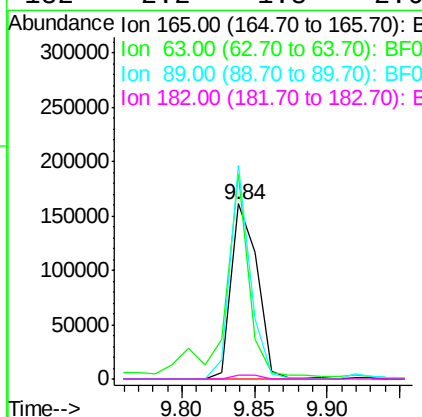
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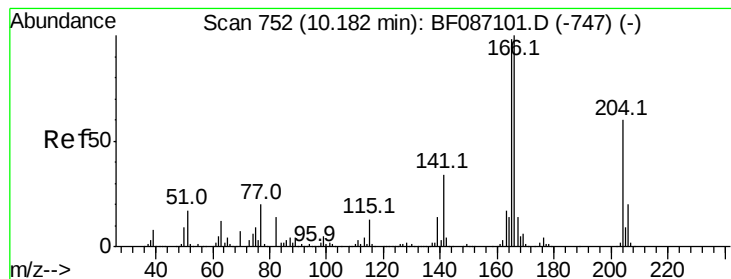
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#56
2,4-Dinitrotoluene
Concen: 34.79 ng/ml
RT: 9.84 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	116.9	44.3	66.5
89	121.9	70.0	105.0
182	2.2	1.8	2.6





#57

Fluorene

Concen: 42.77 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

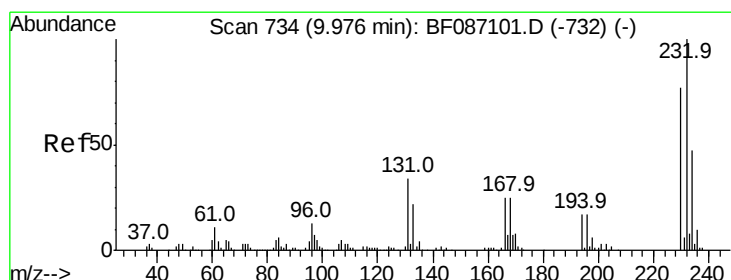
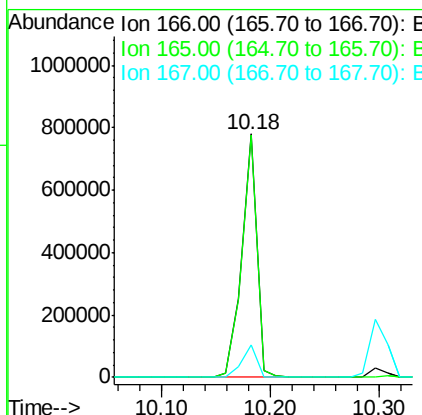
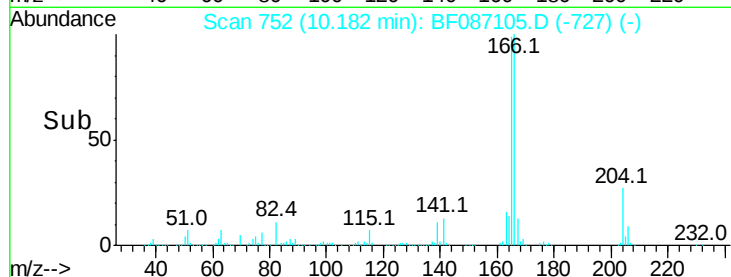
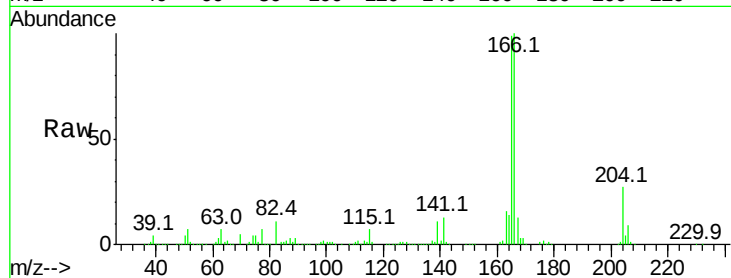
ClientSampleId :

ICVBF051716

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.4	79.0	118.6	
167	13.2	10.6	15.8	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.31 ng

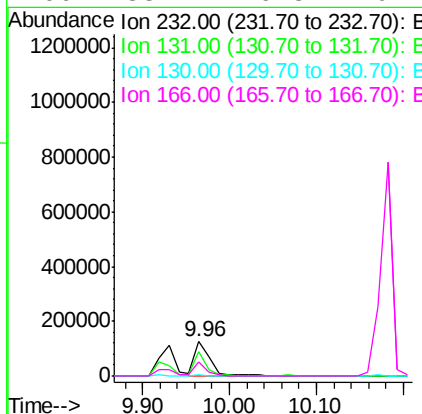
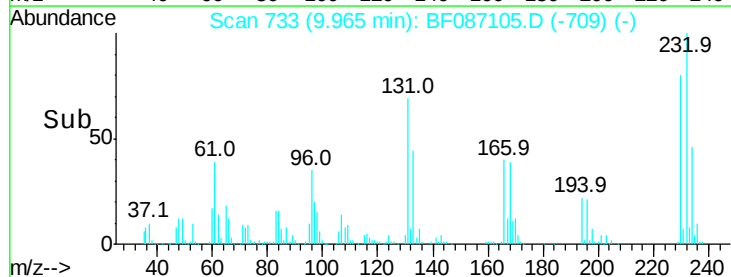
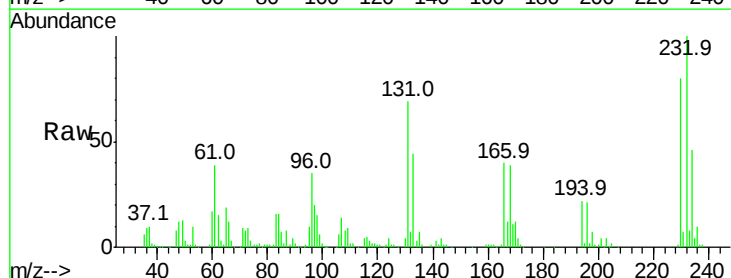
RT: 9.96 min Scan# 733

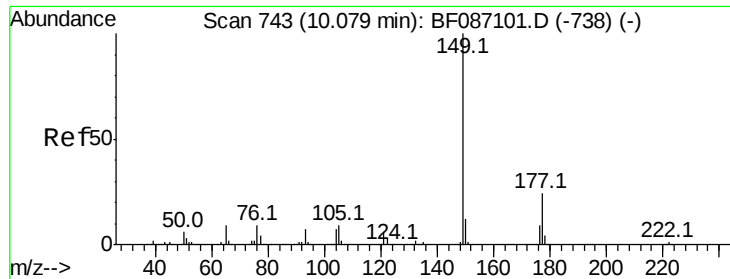
Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	57.1	41.9	62.9	
130	2.8	2.2	3.4	
166	33.7	26.8	40.2	





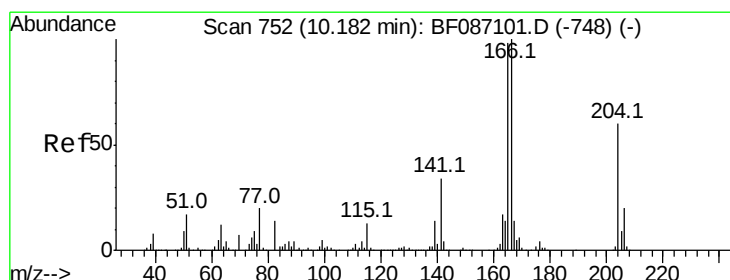
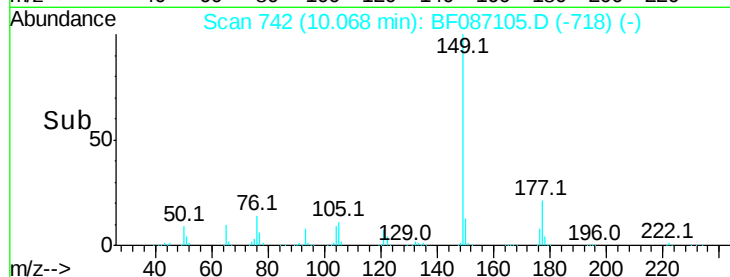
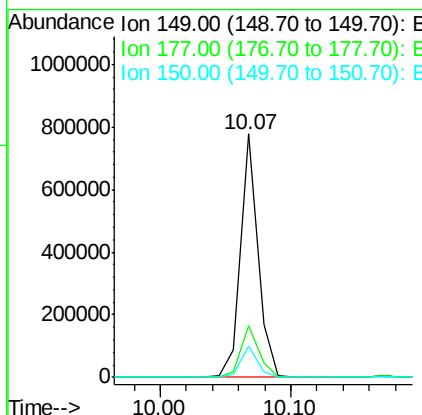
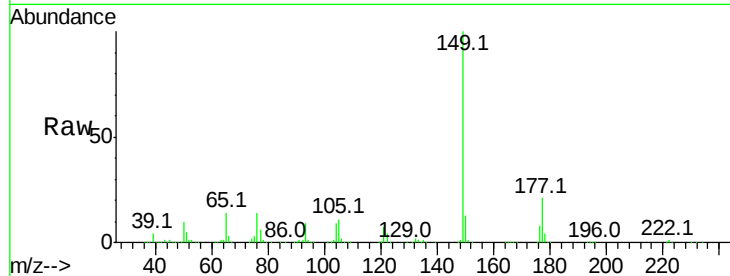
#59
Diethylphthalate
Concen: 36.01 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampled :
ICVBF051716

Tot Ion	Ratio	Resp	Lower	Upper
149	100	717257		
177	21.1	16.6	24.8	
150	12.9	10.0	15.0	

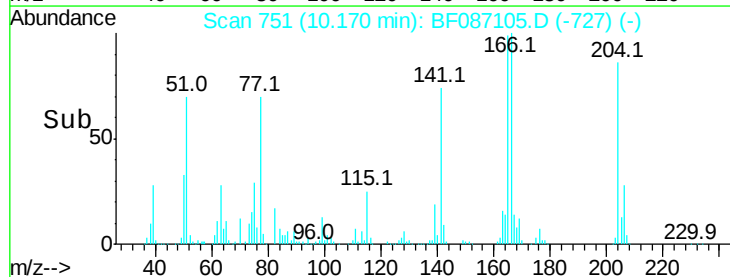
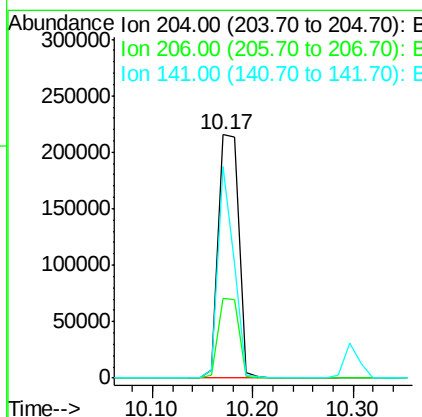
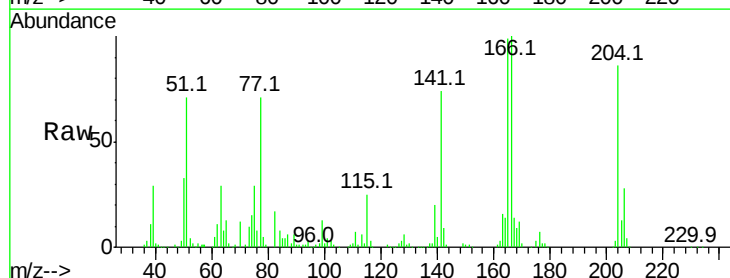
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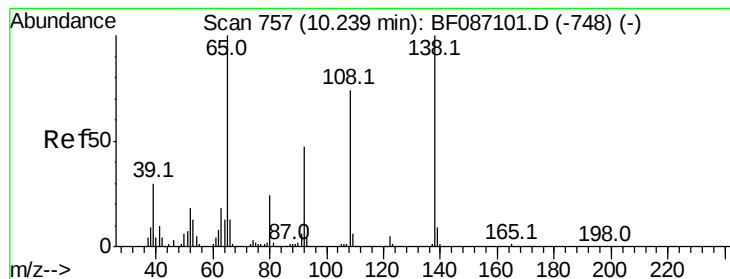
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#60
4-Chlorophenyl-phenylether
Concen: 37.24 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	304647		
206	32.5	25.4	38.0	
141	86.7	61.6	92.4	





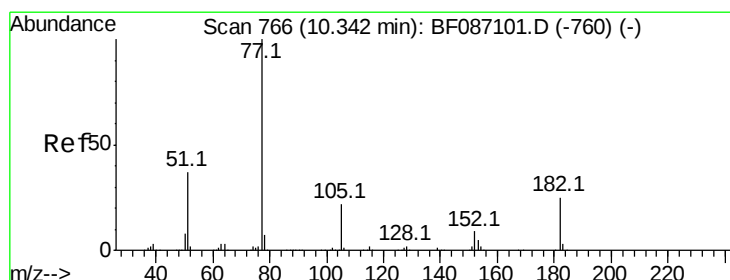
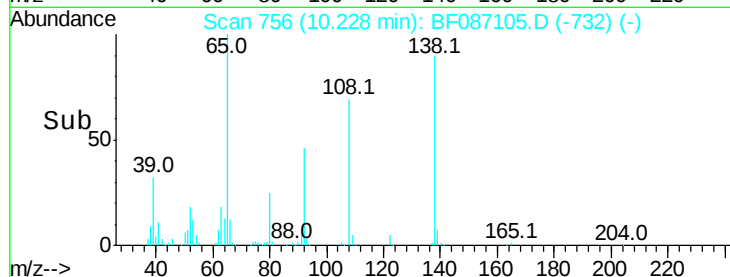
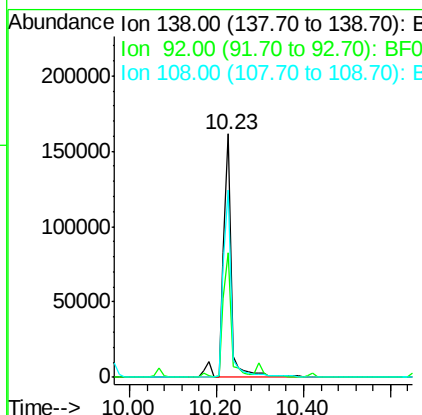
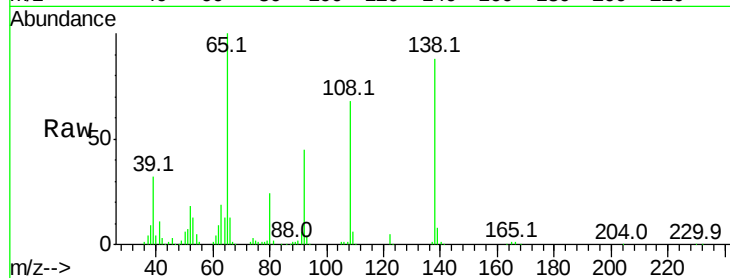
#61
4-Nitroaniline
Concen: 43.72 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	24.7	64.7
108	77.2	37.4	77.4

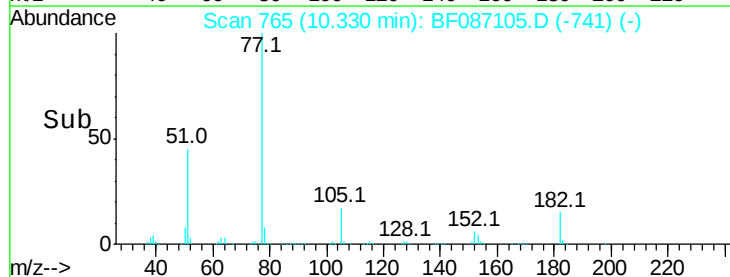
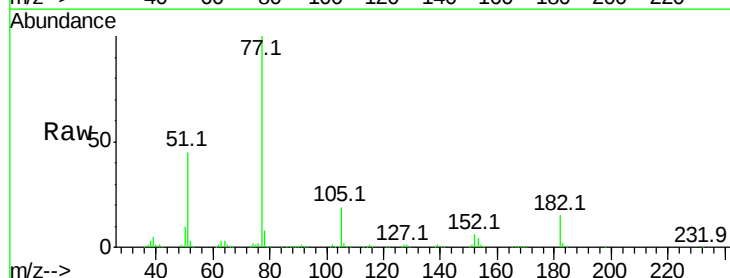
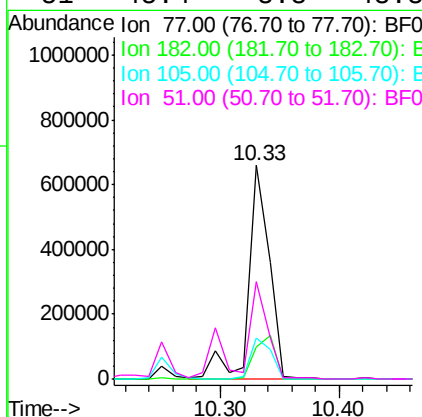
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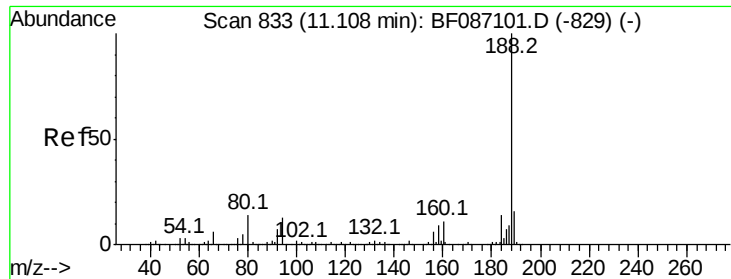
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#62
Azobenzene
Concen: 35.03 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.7	0.0	38.8
105	19.1	3.2	43.2
51	45.4	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

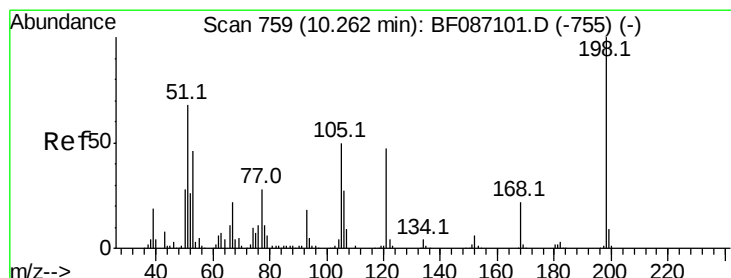
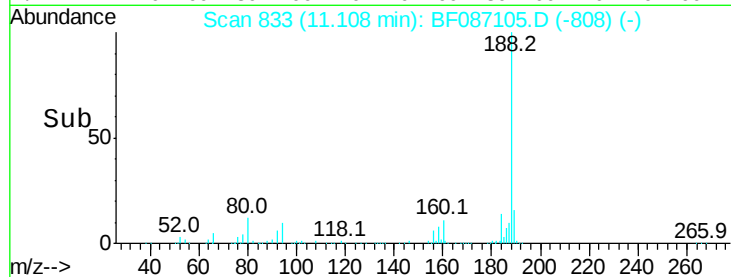
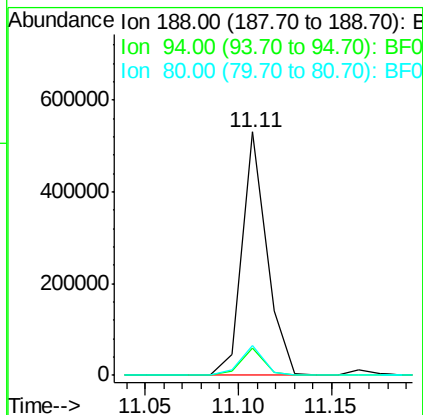
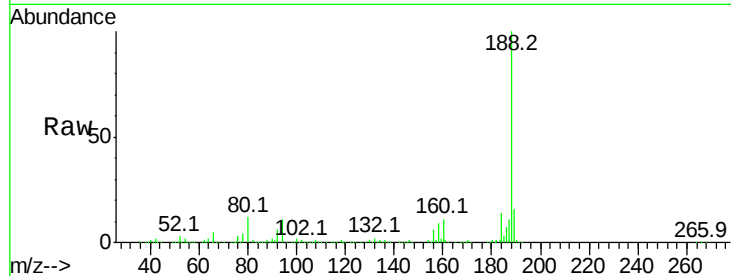
ClientSampleId :

ICVBF051716

Tot Ion:188	Resp:	497765
Ion Ratio	Lower	Upper
188 100		
94 11.4	6.8	10.2#
80 12.3	7.1	10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.41 ng

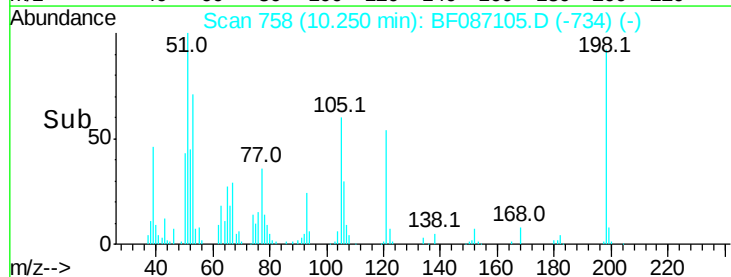
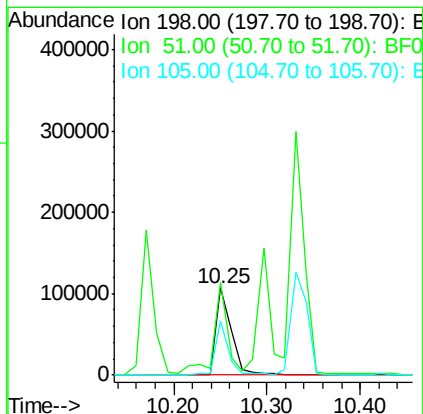
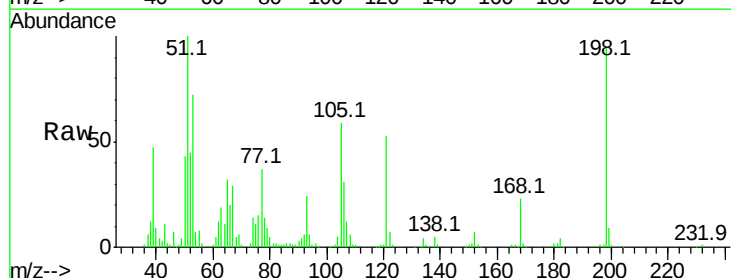
RT: 10.25 min Scan# 758

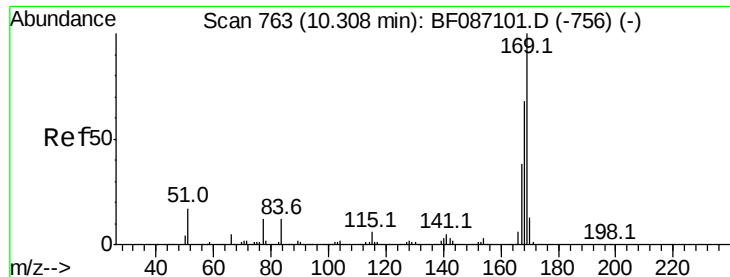
Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:198	Resp:	122635
Ion Ratio	Lower	Upper
198 100		
51 105.7	20.5	60.5#
105 62.4	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 36.39 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

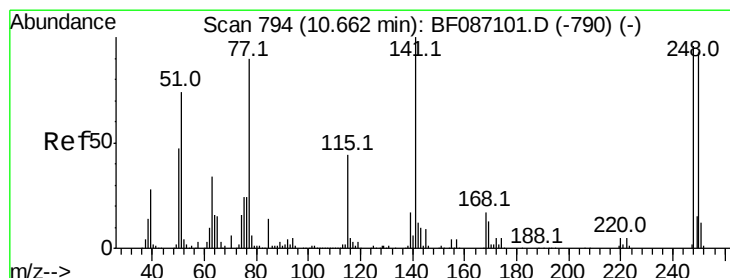
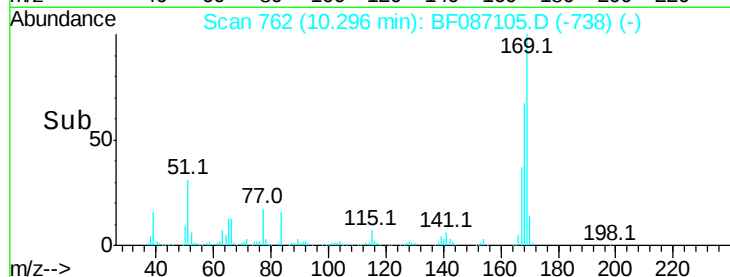
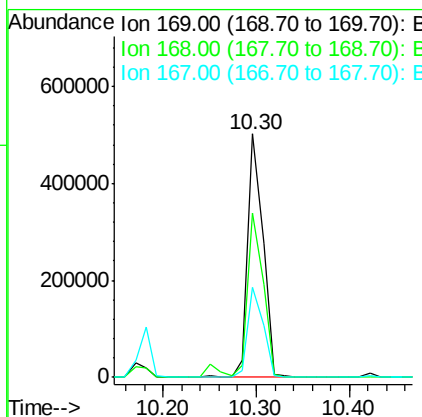
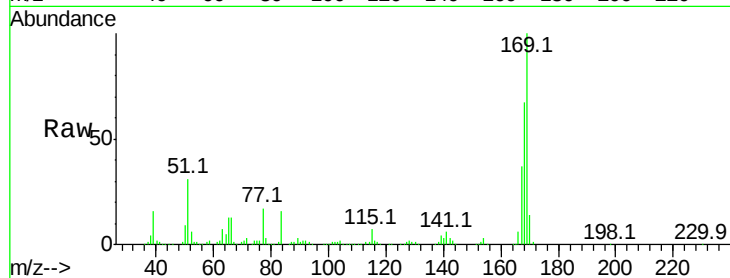
ClientSampleId :

ICVBF051716

Tot Ion:	169	Resp:	570074
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.8	80.6
167	37.0	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 39.14 ng

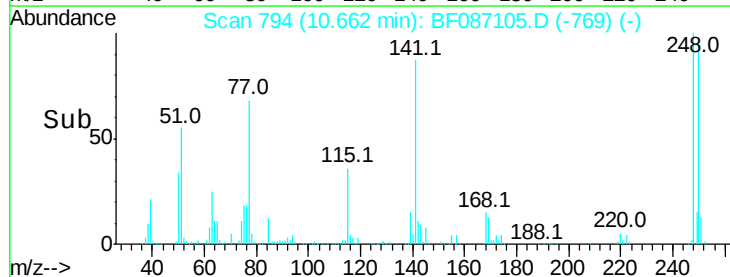
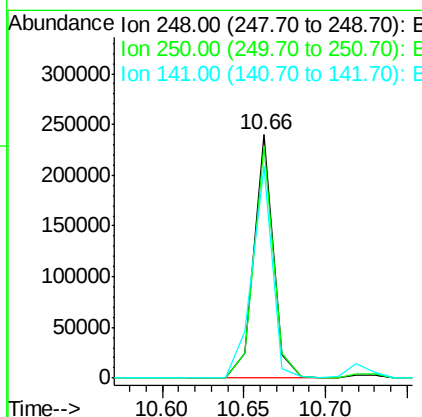
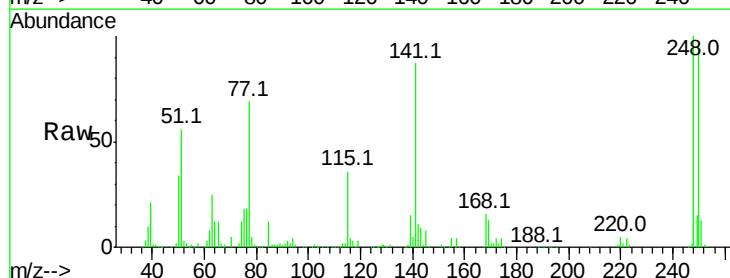
RT: 10.66 min Scan# 794

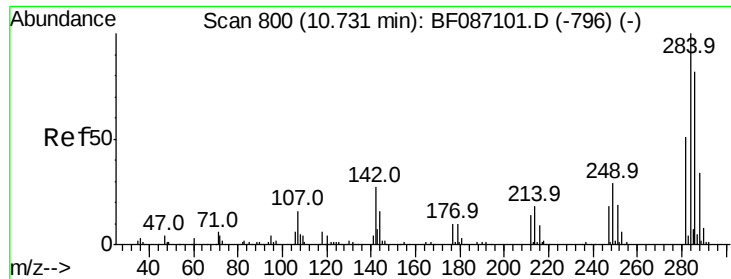
Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	248	Resp:	200324
Ion Ratio	Lower	Upper	
248	100		
250	95.4	78.6	117.8
141	86.9	76.0	114.0





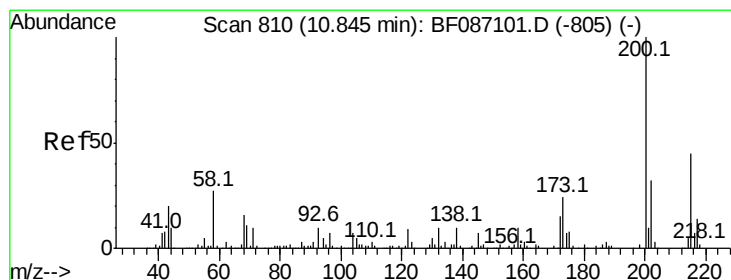
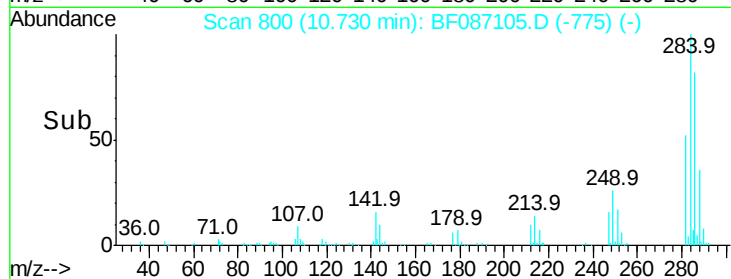
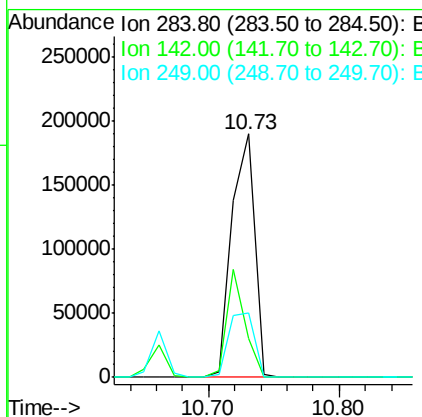
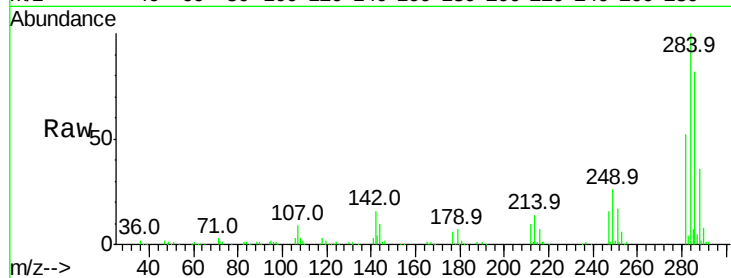
#67
Hexachlorobenzene
Concen: 38.87 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Resp	Lower	Upper
284	100	230680		
142	15.8	16.7	25.1#	
249	26.2	21.3	31.9	

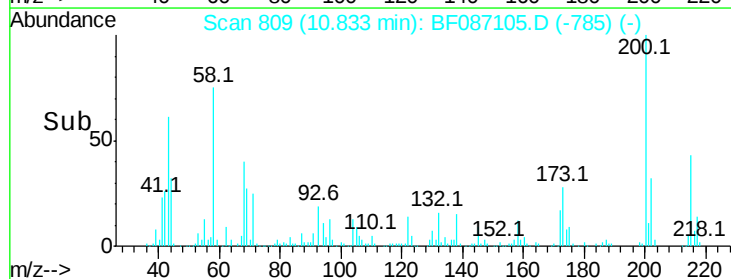
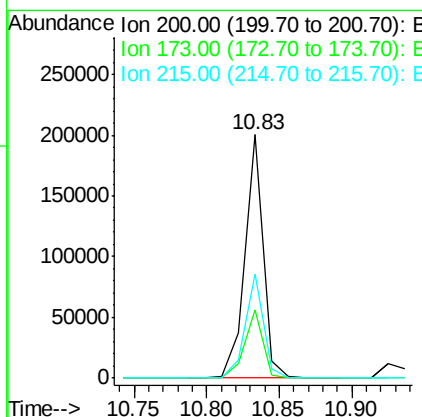
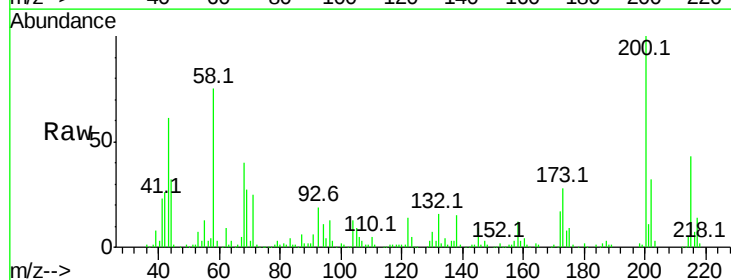
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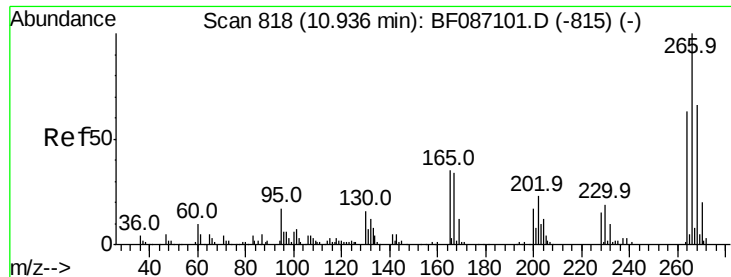
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#68
Atrazine
Concen: 34.16 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	174561		
173	28.3	8.5	48.5	
215	42.9	27.2	67.2	





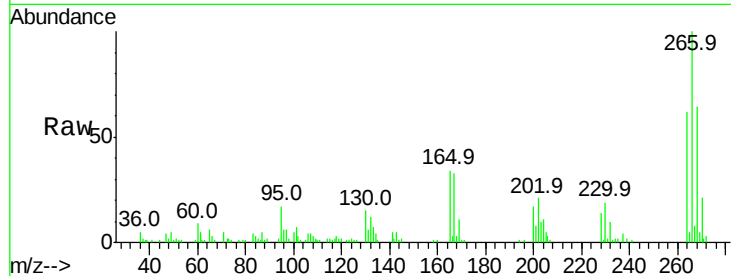
#69
 Pentachlorophenol
 Concen: 38.36 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

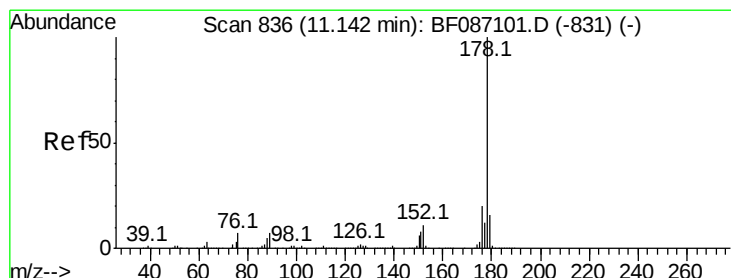
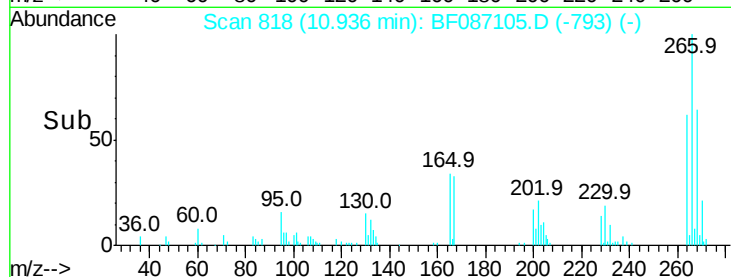
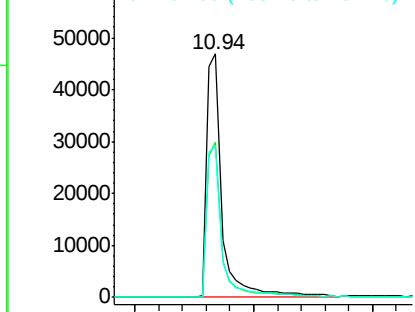
Tot Ion	Ratio	Resp	Lower	Upper
266	100	85519		
268	63.7		51.5	77.3
264	62.4		52.9	79.3

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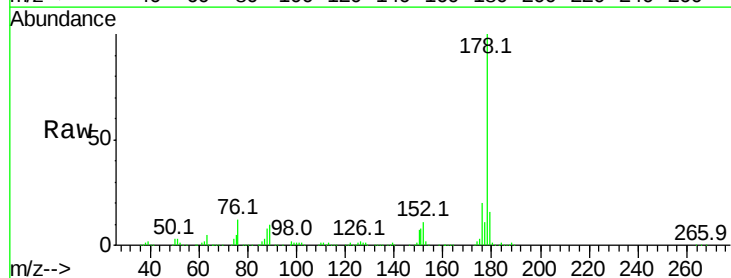


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

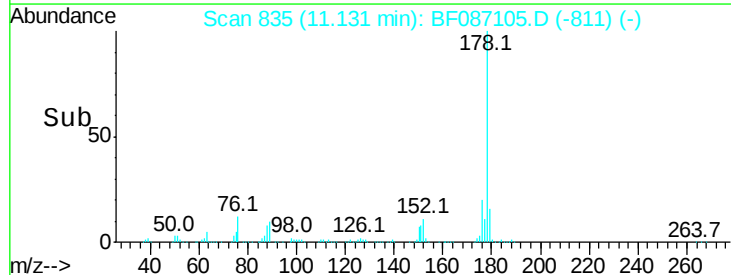
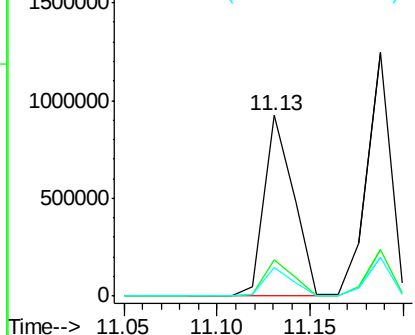


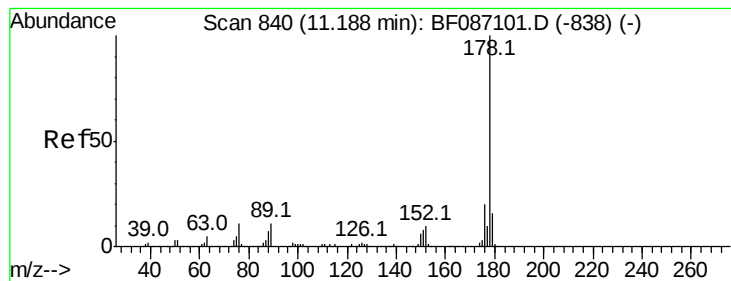
#70
 Phenanthrene
 Concen: 37.34 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1008059		
176	19.8		16.0	24.0
179	15.9		12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





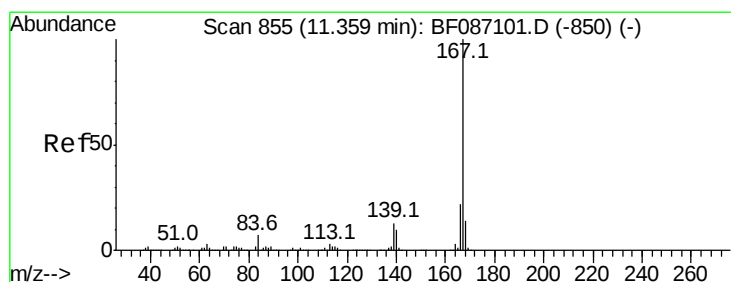
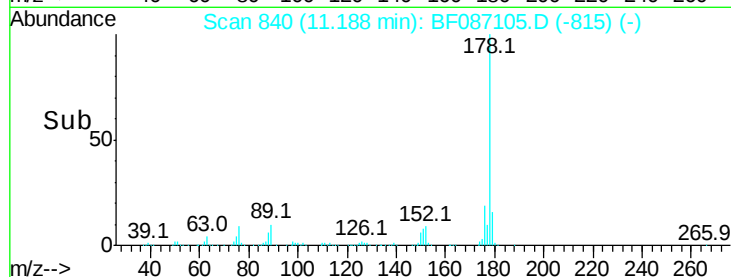
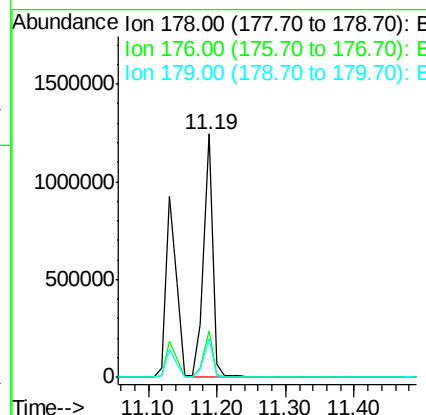
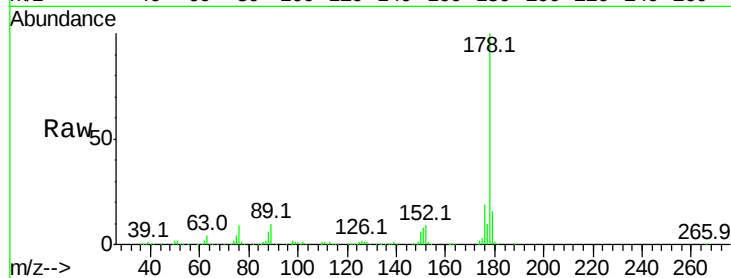
#71
 Anthracene
 Concen: 40.74 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.9	12.7	19.1

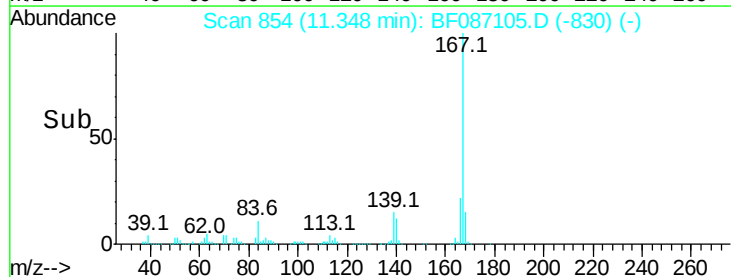
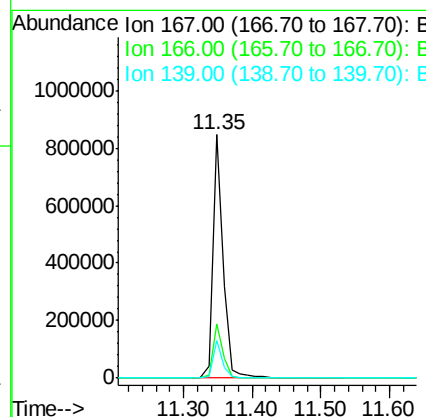
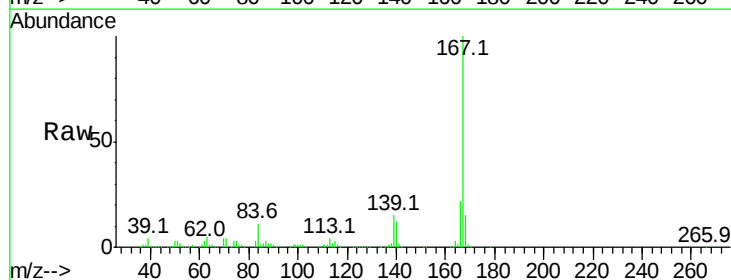
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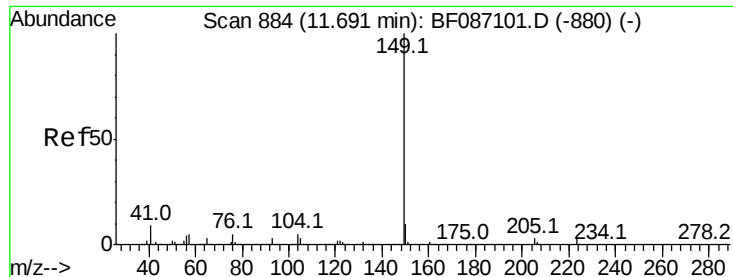
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#72
 Carbazole
 Concen: 35.38 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	15.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 40.47 ng

RT: 11.69 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

ClientSampleId :

ICVBF051716

Tot Ion:149 Resp: 1159569

Ion Ratio Lower Upper

149 100

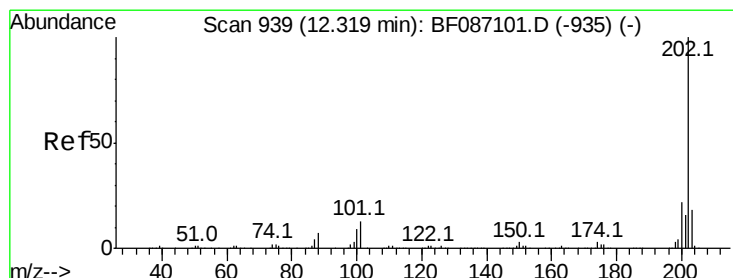
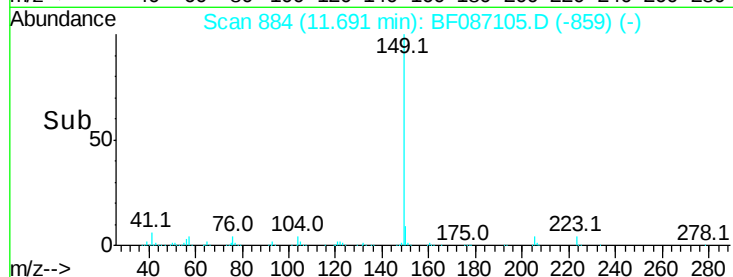
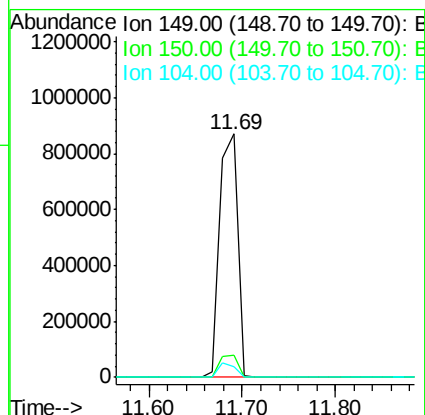
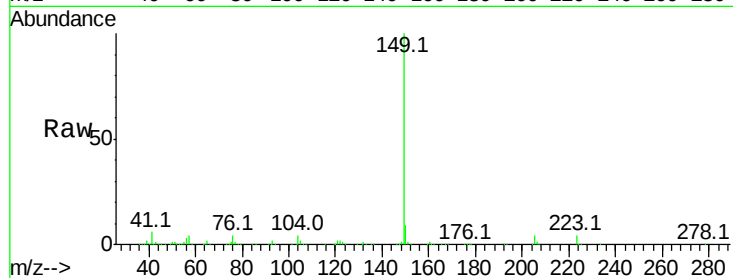
150 8.9 7.6 11.4

104 4.5 3.8 5.6

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#74

Fluoranthene

Concen: 42.01 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

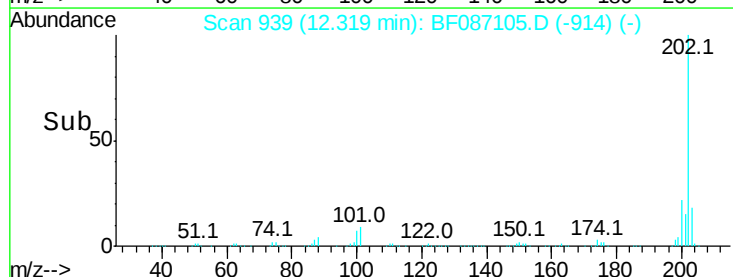
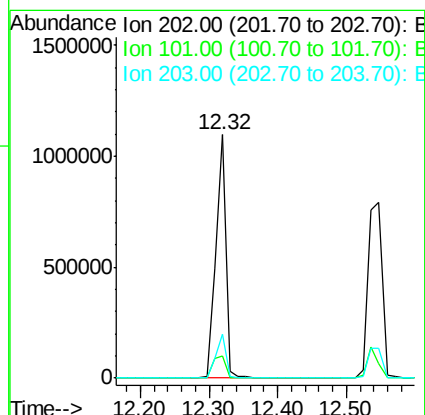
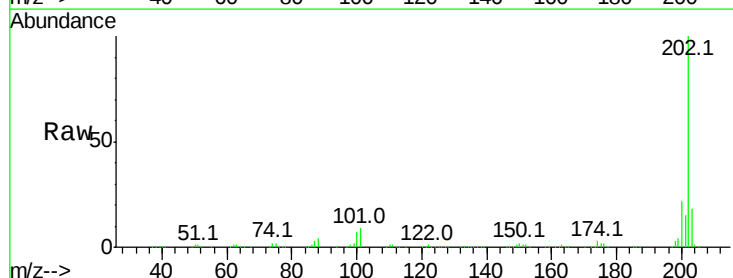
Tgt Ion:202 Resp: 1136424

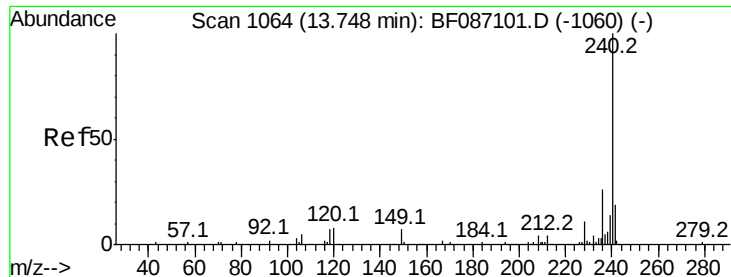
Ion Ratio Lower Upper

202 100

101 9.0 0.0 35.4

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

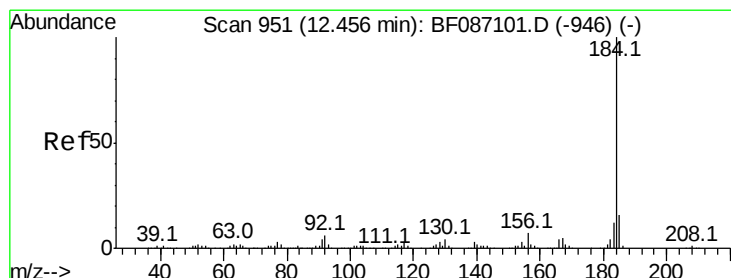
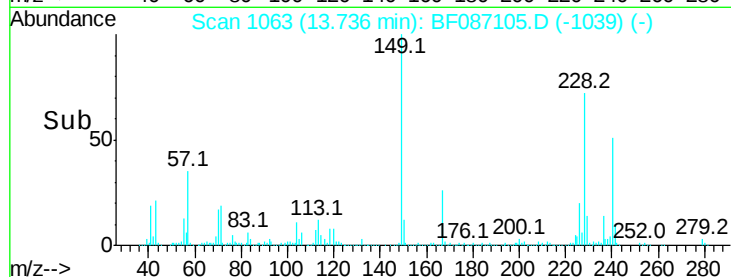
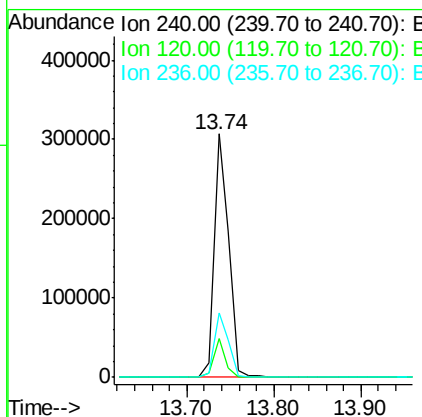
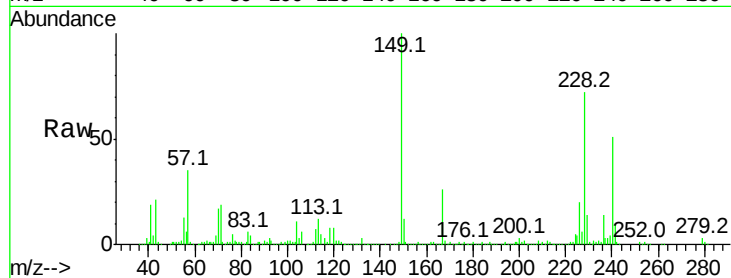
ClientSampleId :

ICVBF051716

Tot Ion:	240	Resp:	362334
Ion Ratio	Lower	Upper	
240	100		
120	16.2	11.2	16.8
236	26.7	21.2	31.8

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#76

Benzidine

Concen: 42.19 ng

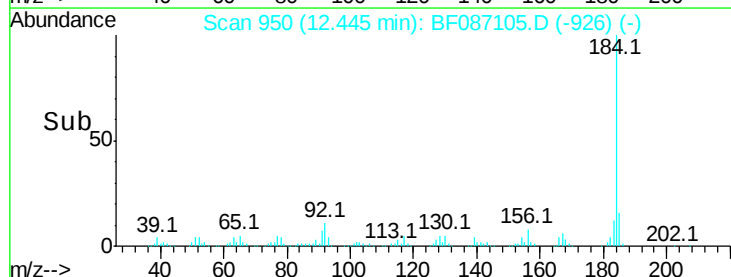
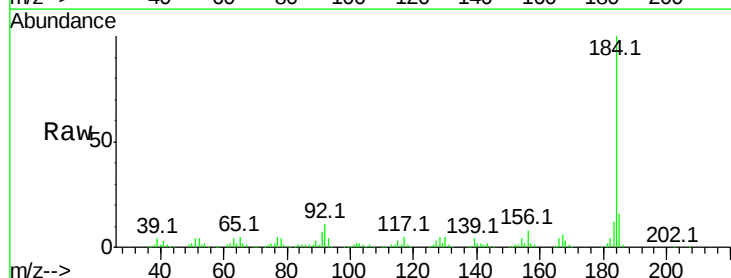
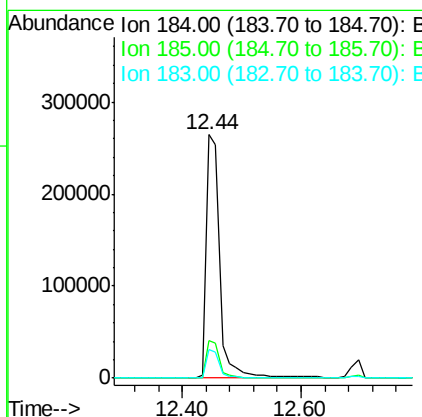
RT: 12.44 min Scan# 950

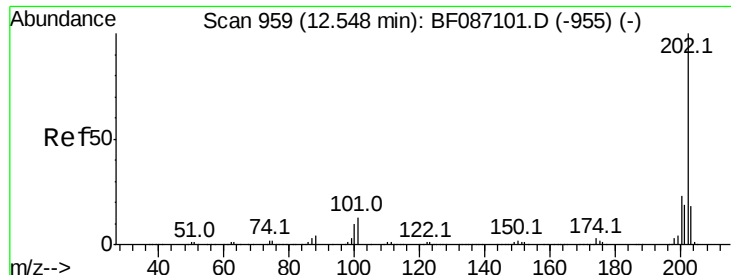
Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	184	Resp:	422509
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.6	20.4
183	11.6	9.8	14.6





#77

Pvrene

Concen: 42.12 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

ClientSampleId :

ICVBF051716

Tot Ion:202 Resp: 1102637

Ion Ratio Lower Upper

202 100

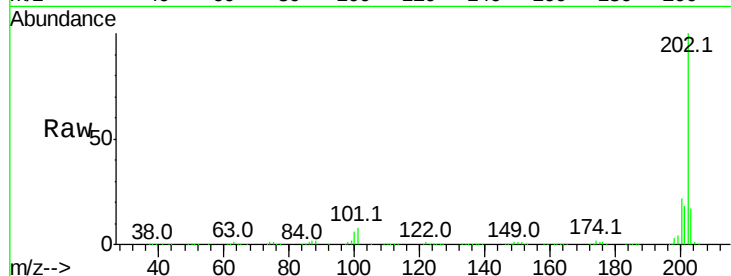
200 21.8 17.7 26.5

203 17.3 14.2 21.4

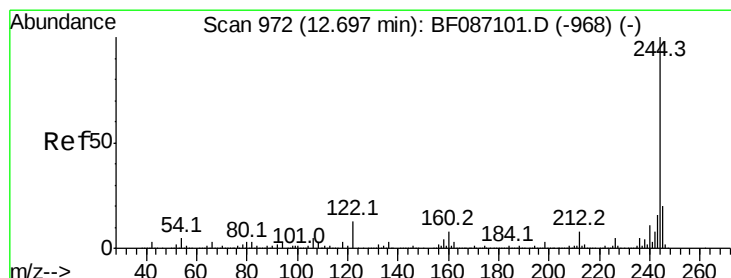
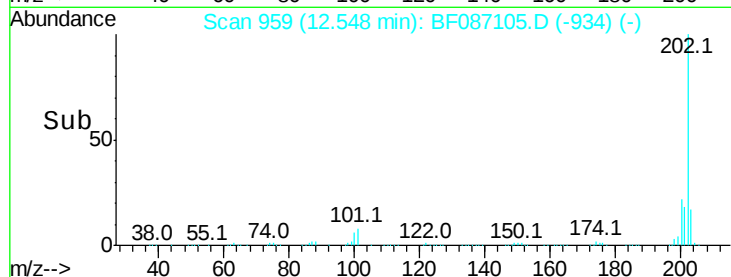
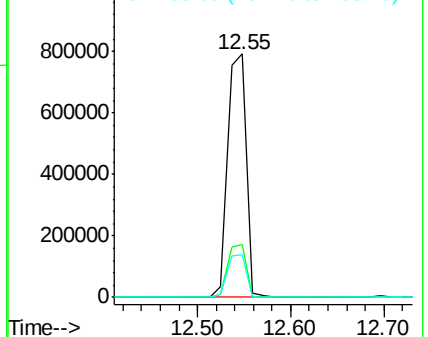
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.62 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

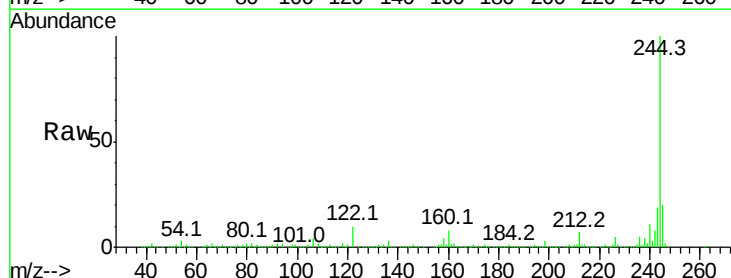
Tgt Ion:244 Resp: 1371355

Ion Ratio Lower Upper

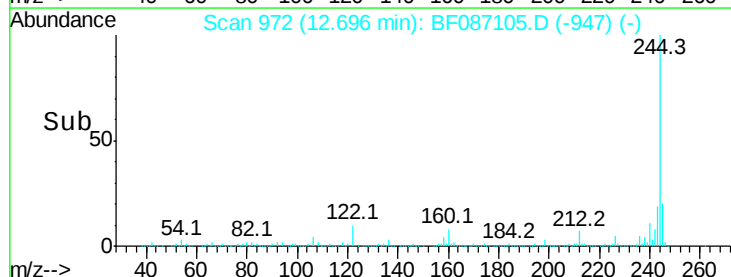
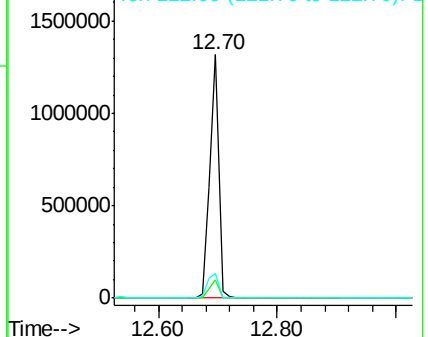
244 100

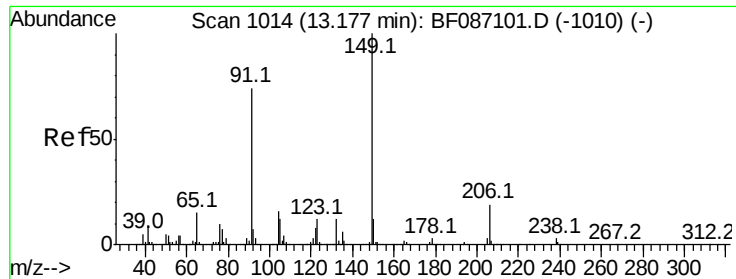
212 7.4 6.2 9.2

122 10.2 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: 45.50 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

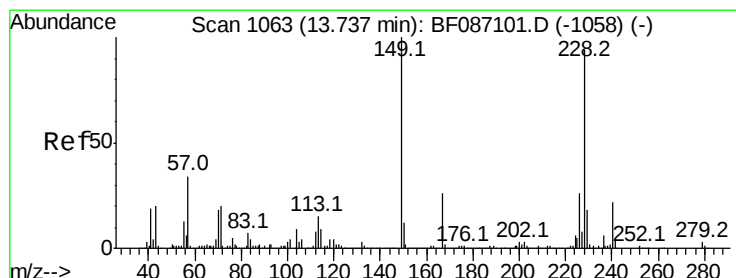
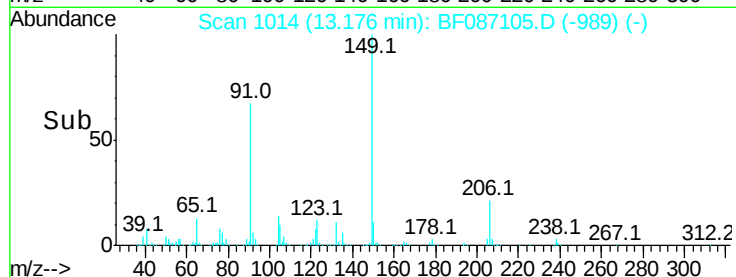
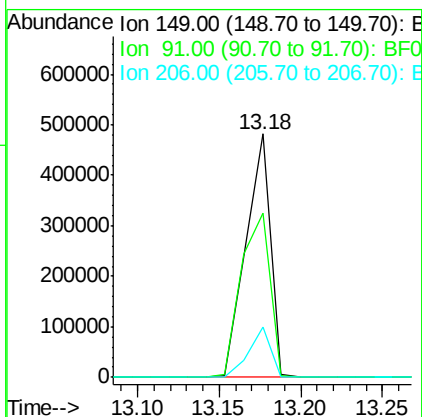
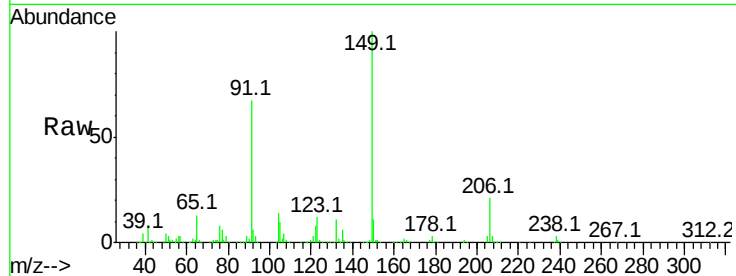
ClientSampleId :

ICVBF051716

Tot Ion:	149	Resp:	502800
Ion Ratio	Lower	Upper	
149	100		
91	67.3	48.0	72.0
206	20.6	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 40.81 ng

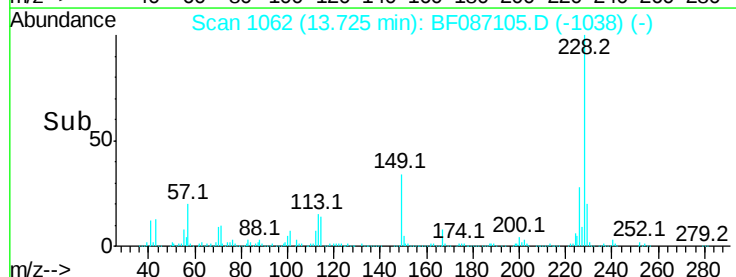
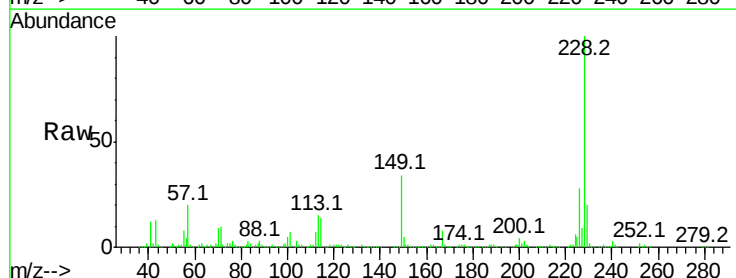
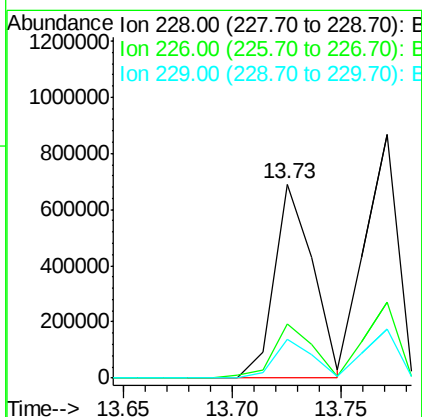
RT: 13.73 min Scan# 1062

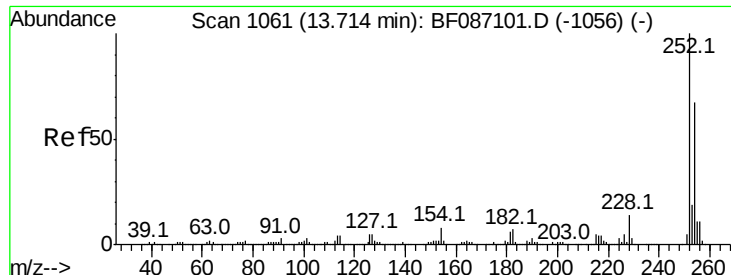
Delta R.T. -0.02 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	228	Resp:	855014
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.5	33.7
229	20.2	16.6	25.0





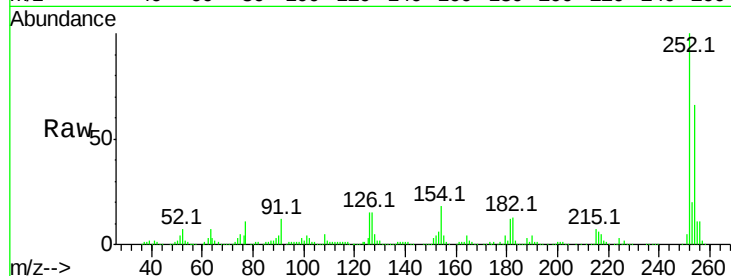
#81
 3,3'-Dichlorobenzidine
 Concen: 44.57 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

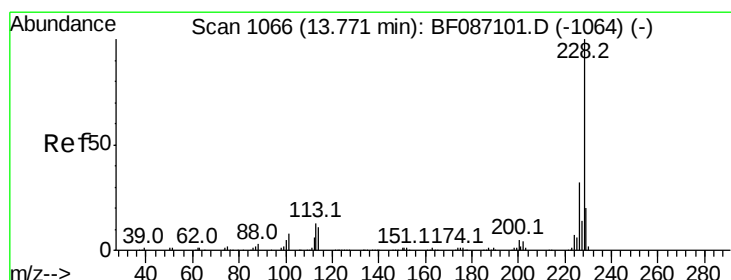
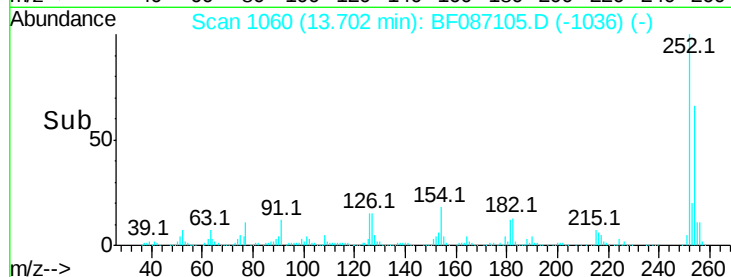
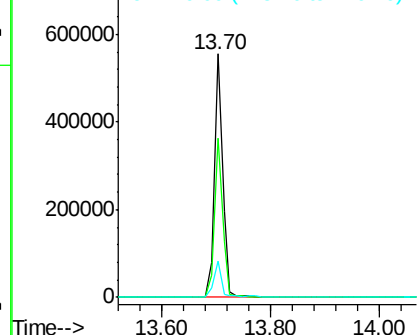
Tot Ion	Ratio	Resp	Lower	Upper
252	100	594230		
254	65.5		50.7	76.1
126	14.8		12.7	19.1

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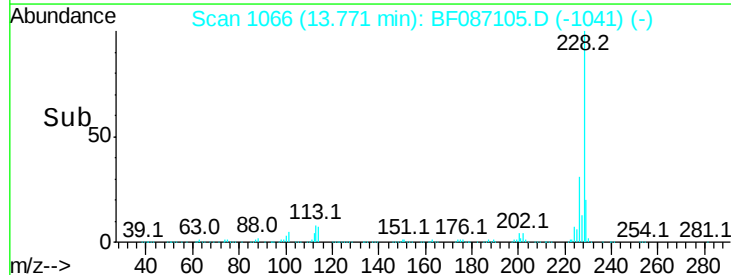
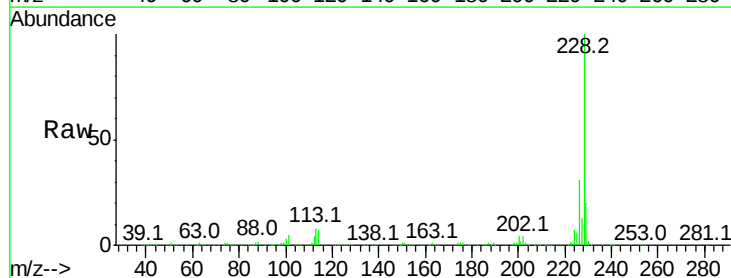
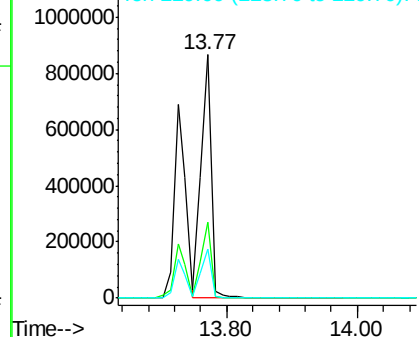
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

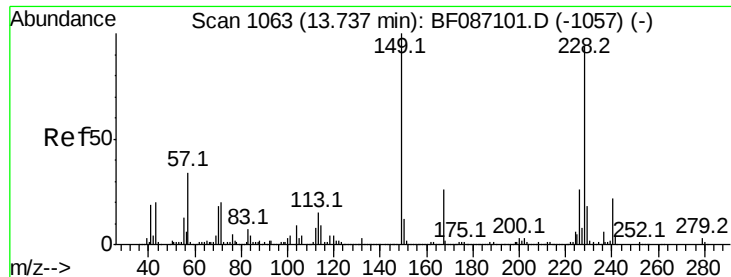


#82
 Chrysene
 Concen: 45.88 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	930050		
226	31.2		24.4	36.6
229	19.9		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: 44.27 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

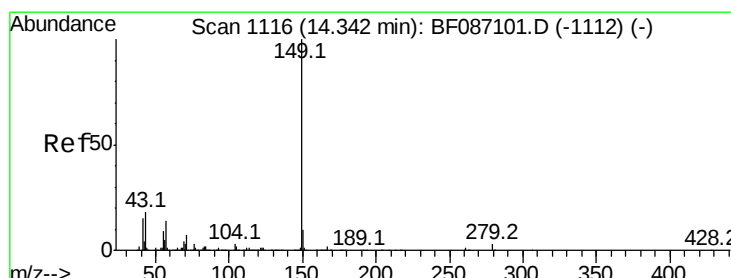
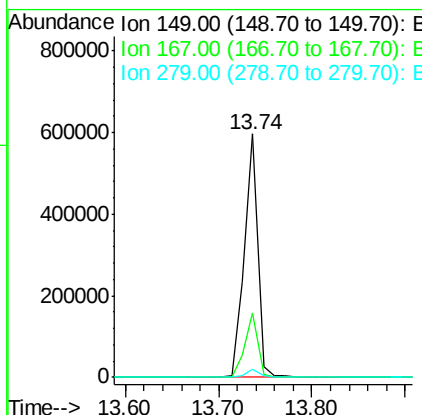
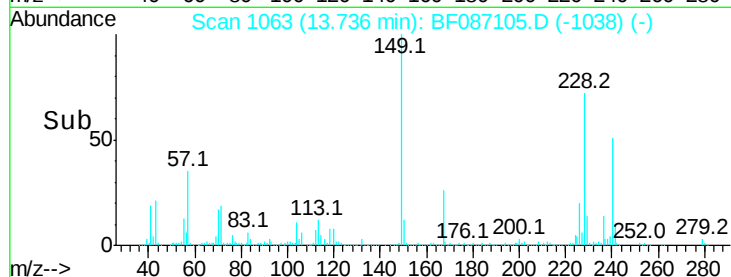
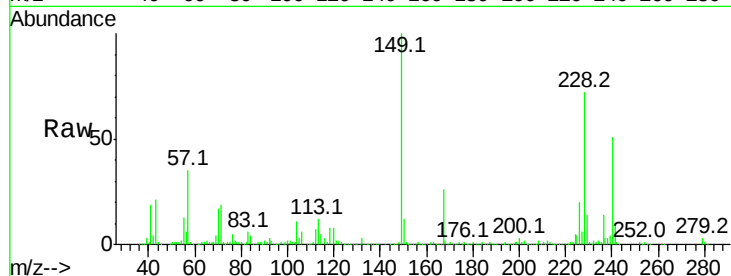
ClientSampleId :

ICVBF051716

Tot Ion:	149	Resp:	595418
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.8	32.6
279	3.5	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 43.02 ng

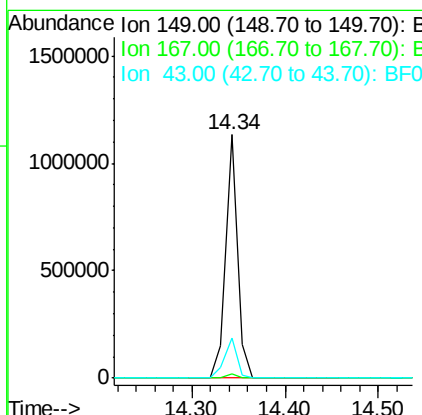
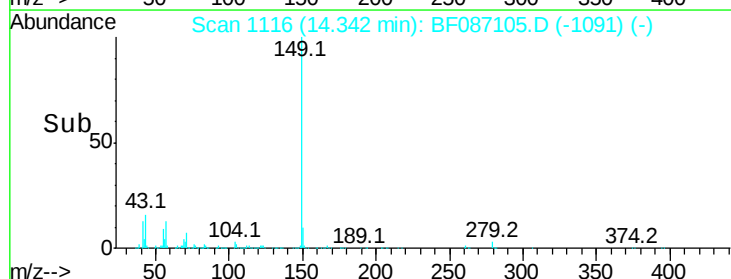
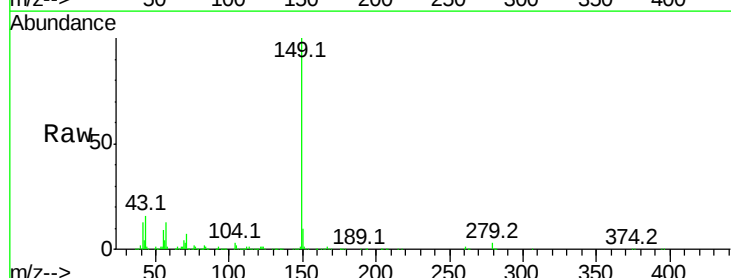
RT: 14.34 min Scan# 1116

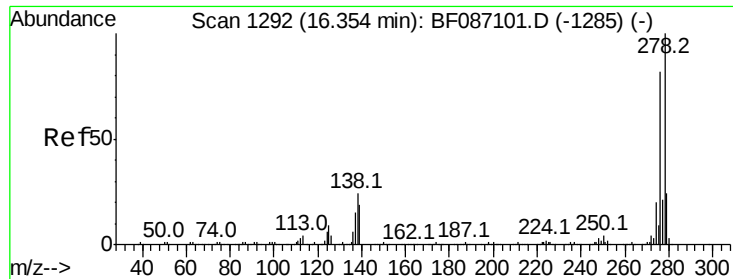
Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	149	Resp:	996643
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	17.4	8.2	12.4#





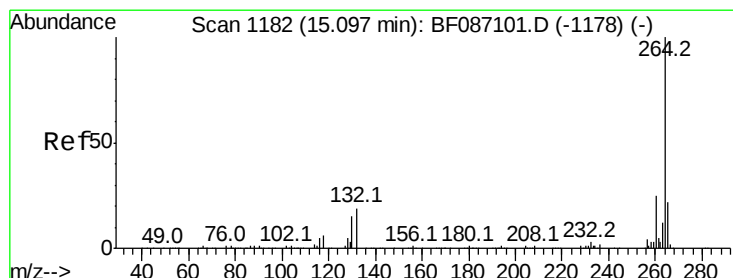
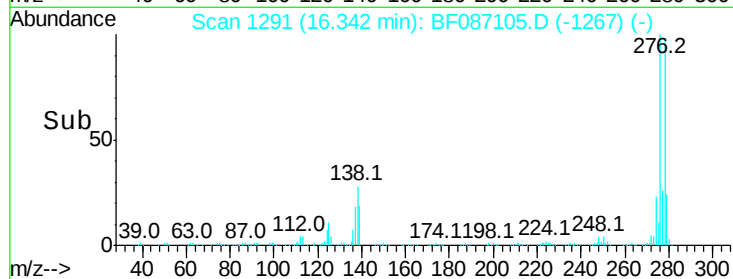
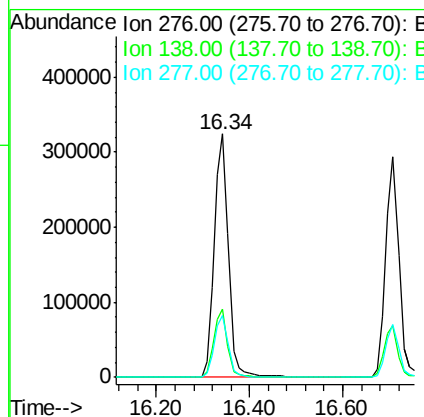
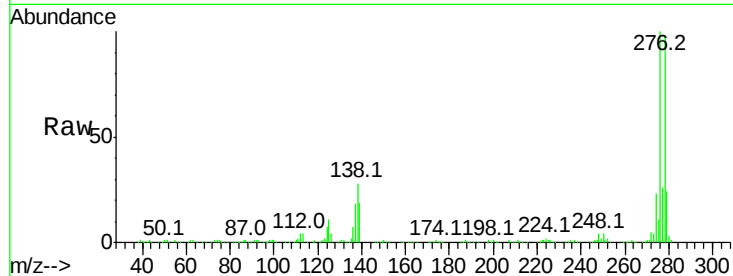
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.03 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.2	20.5	30.7

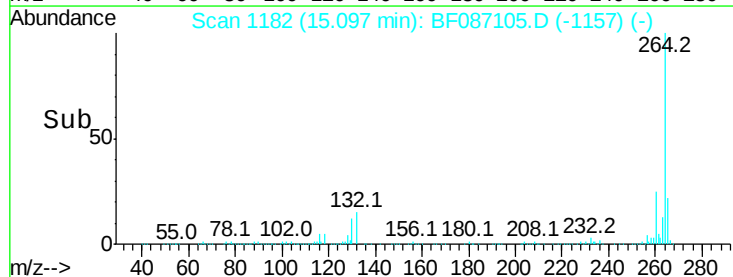
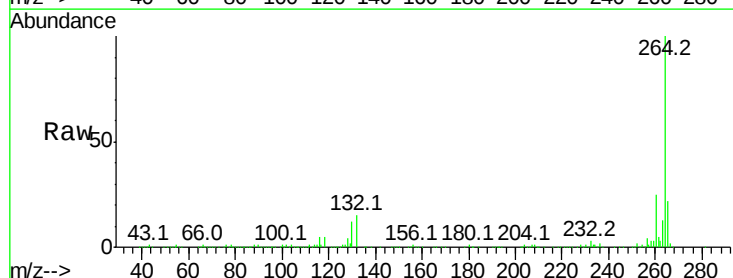
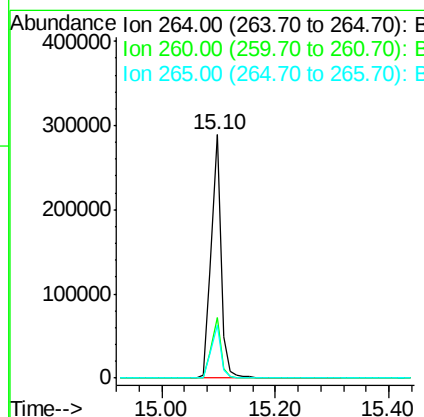
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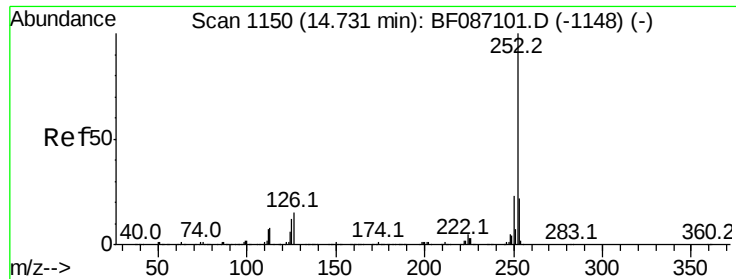
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.42 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087105.D

Acq: 17 May 2016 16:03

Instrument :

BNA_F

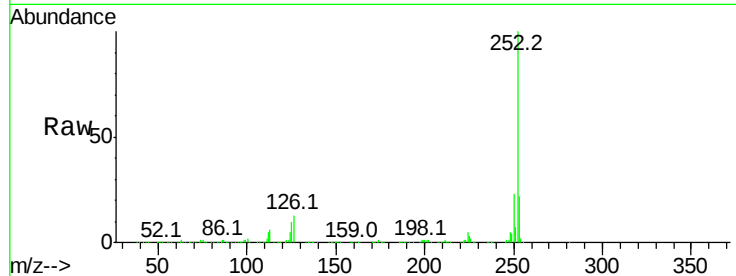
ClientSampleId :

ICVBF051716

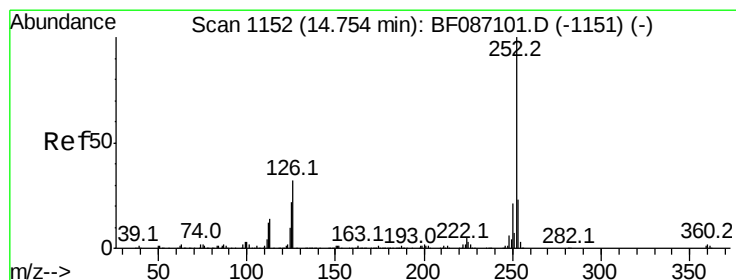
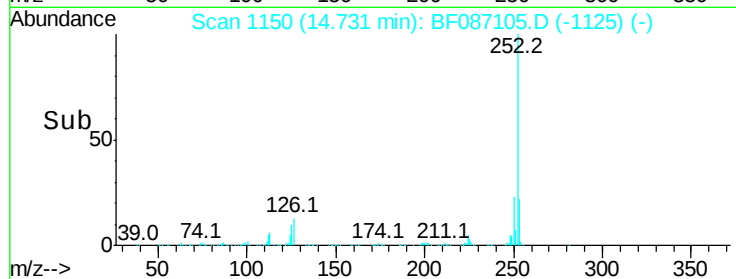
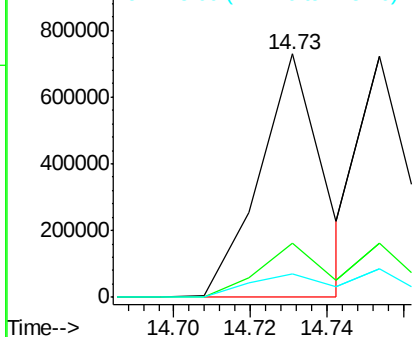
Tot Ion:	252	Resp:	830225
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	9.7	11.4	17.0

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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: 39.93 ng m

RT: 14.75 min Scan# 1152

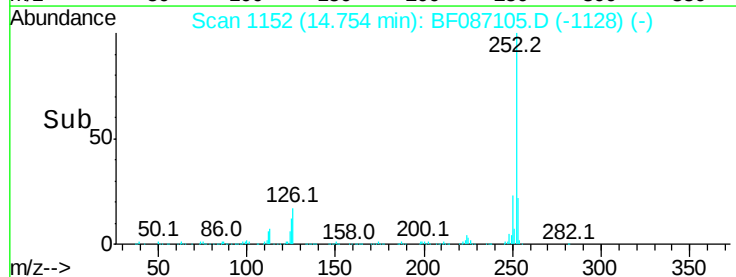
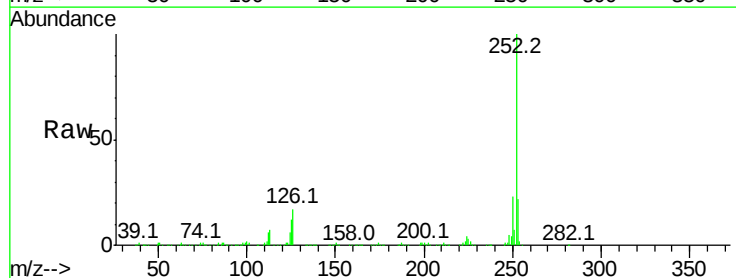
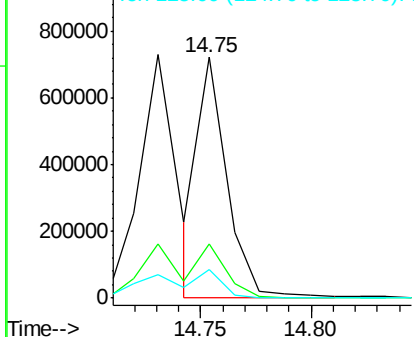
Delta R.T. -0.02 min

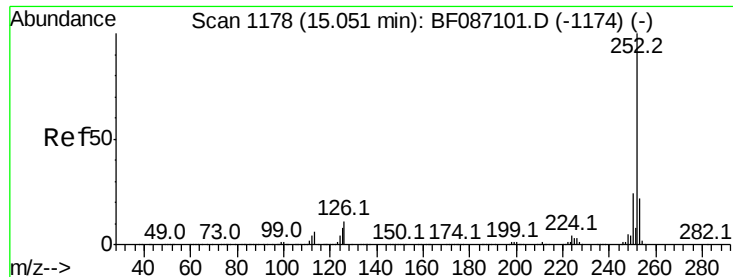
Lab File: BF087105.D

Acq: 17 May 2016 16:03

Tgt Ion:	252	Resp:	659470
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	11.8	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





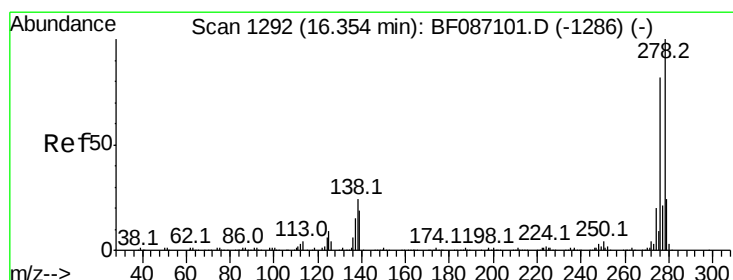
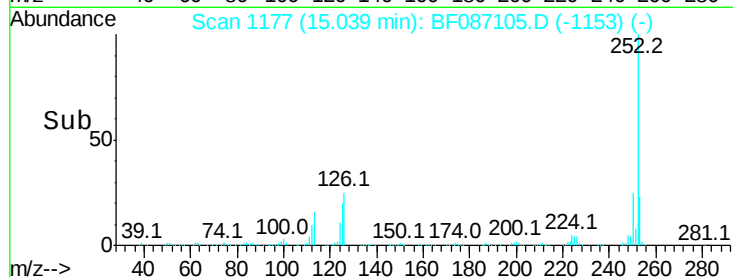
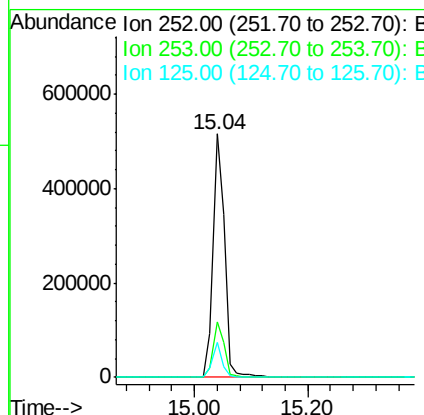
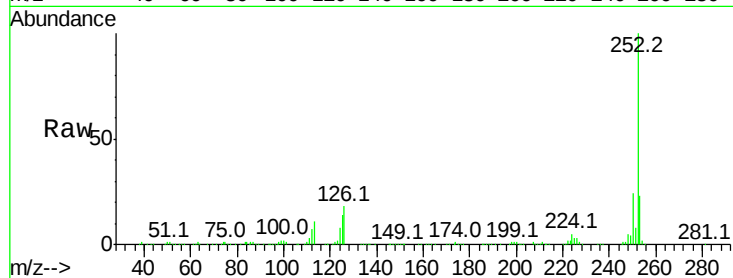
#89
Benzo(a)pyrene
Concen: 37.39 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Instrument :
BNA_F
ClientSampleId :
ICVBF051716

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	14.1	9.0	13.6

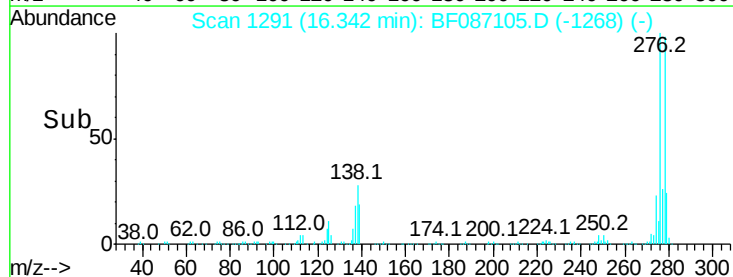
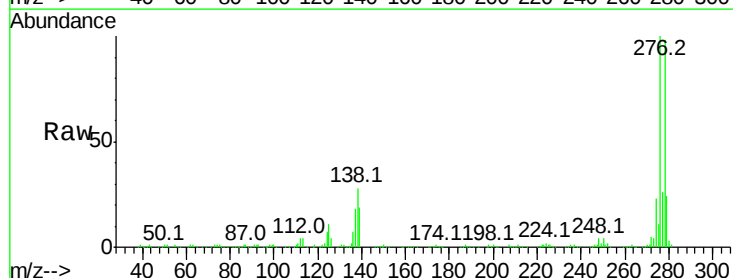
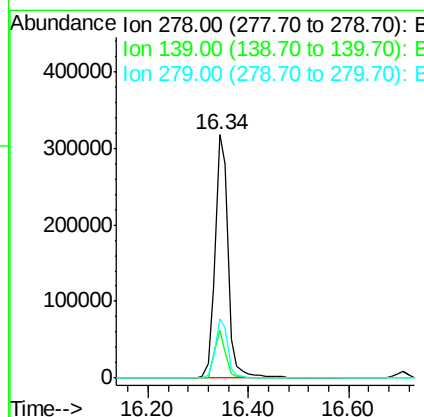
Manual Integrations
APPROVED

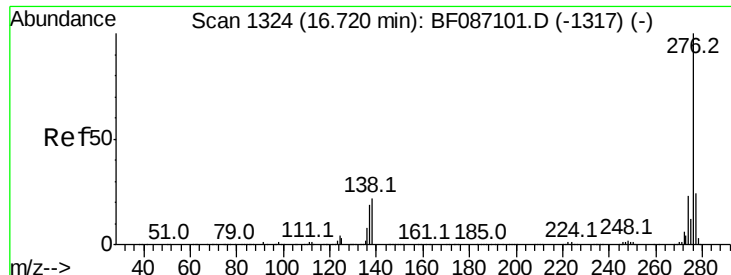
sohil
5/18/2016 6:57:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.79 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF087105.D
Acq: 17 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.6	24.8
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.80 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. -0.03 min
 Lab File: BF087105.D
 Acq: 17 May 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051716

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	19.6	29.4
138	23.3	23.6	35.4

Manual Integrations
 APPROVED

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