

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088358.D
 Acq On : 25 Jun 2016 4:51
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Manual Integrations
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 6/27/2016 8:13:35 PM

Quant Time: Jun 25 05:38:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 25 04:10:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	73166	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	283476	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	116856	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	180451	20.00	ng	0.00
75) Chrysene-d12	13.71	240	144023	20.00	ng	-0.01
86) Perylene-d12	15.07	264	117169	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	510409	119.26	ng	0.02
7) Phenol-d6	6.25	99	574525	110.77	ng	-0.01
23) Nitrobenzene-d5	7.16	82	380120	78.30	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	117443	95.18	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	650547	87.63	ng	-0.01
78) Terphenyl-d14	12.67	244	474797	75.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	62767	30.18	ng	# 31
3) Pyridine	2.75	79	68612	13.97	ng	92
4) n-Nitrosodimethylamine	2.67	42	29424	14.15	ng	89
6) Aniline	6.25	93	72555	9.83	ng	# 36
8) 2-Chlorophenol	6.38	128	104611	20.65	ng	88
9) Benzaldehyde	6.14	77	62213	15.03	ng	98
10) Phenol	6.27	94	122843	21.65	ng	90
11) bis(2-Chloroethyl)ether	6.33	93	102341	22.50	ng	85
12) 1,3-Dichlorobenzene	6.52	146	104957m	19.31	ng	
13) 1,4-Dichlorobenzene	6.60	146	114423	20.90	ng	96
14) 1,2-Dichlorobenzene	6.75	146	114440	22.98	ng	95
15) Benzyl Alcohol	6.75	79	73124	18.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	107144	17.44	ng	# 30
17) 2-Methylphenol	6.88	107	73587	17.91	ng	# 85
18) Hexachloroethane	7.08	117	34545	17.78	ng	# 83
19) n-Nitroso-di-n-propylamine	7.02	70	67397	20.31	ng	# 81
20) 3+4-Methylphenols	7.04	107	98091	20.46	ng	# 80
22) Acetophenone	7.00	105	145315	22.94	ng	# 98
24) Nitrobenzene	7.18	77	95017	20.21	ng	89
25) Isophorone	7.42	82	178717	19.88	ng	100
26) 2-Nitrophenol	7.50	139	53685	21.31	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	92245	19.89	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	117816	21.13	ng	# 95
29) 2,4-Dichlorophenol	7.75	162	86957	22.46	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	90212	21.39	ng	99
31) Naphthalene	7.90	128	302695	21.58	ng	98
32) Benzoic acid	7.69	122	27933	10.94	ng	90
33) 4-Chloroaniline	7.96	127	58156	9.28	ng	95
34) Hexachlorobutadiene	8.01	225	47918	21.55	ng	98
35) Caprolactam	8.32	113	23068	17.98	ng	# 72
36) 4-Chloro-3-methylphenol	8.46	107	86028	20.77	ng	96
37) 2-Methylnaphthalene	8.58	142	190476	20.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	79452	22.10	ng	# 1
42) 2,4,6-Trichlorophenol	8.88	196	45878	19.63	ng	100

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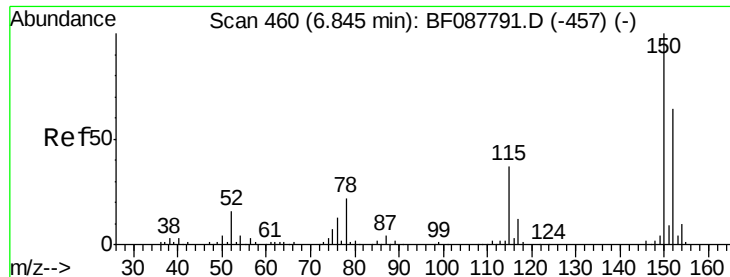
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	51584	21.22	ng	94
45) 1,1'-Biphenyl	9.05	154	236996	24.14	ng	95
46) 2-Chloronaphthalene	9.07	162	175124	23.16	ng	93
47) 2-Nitroaniline	9.18	65	48403	21.70	ng	90
48) Acenaphthylene	9.47	152	256615	21.33	ng	98
49) Dimethylphthalate	9.36	163	201526	23.81	ng	98
50) 2,6-Dinitrotoluene	9.42	165	40350	20.81	ng	# 52
51) Acenaphthene	9.64	154	149852	19.97	ng	99
52) 3-Nitroaniline	9.60	138	34209	15.29	ng	86
53) 2,4-Dinitrophenol	9.74	184	3291	6.84	ng	# 79
54) Dibenzofuran	9.83	168	225071	21.78	ng	92
55) 4-Nitrophenol	9.79	139	32476m	18.71	ng	
56) 2,4-Dinitrotoluene	9.83	165	53252	21.37	ng	# 72
57) Fluorene	10.16	166	176229	22.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	39806	20.83	ng	# 59
59) Diethylphthalate	10.04	149	192654	22.48	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	82532	24.02	ng	95
61) 4-Nitroaniline	10.20	138	34568	16.29	ng	97
62) Azobenzene	10.32	77	189740	22.39	ng	94
64) 4,6-Dinitro-2-methylphenol	10.24	198	4210	5.73	ng	93
65) n-Nitrosodiphenylamine	10.28	169	156946	26.21	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	45623	23.57	ng	# 73
67) Hexachlorobenzene	10.71	284	44567	22.16	ng	# 86
68) Atrazine	10.81	200	43784	24.15	ng	91
69) Pentachlorophenol	10.91	266	44029	41.53	ng	97
70) Phenanthrene	11.12	178	218052	23.03	ng	97
71) Anthracene	11.16	178	224519	23.51	ng	98
72) Carbazole	11.34	167	202077	22.61	ng	96
73) Di-n-butylphthalate	11.67	149	275078	24.31	ng	# 98
74) Fluoranthene	12.30	202	213961	21.41	ng	97
76) Benzidine	12.43	184	232169	58.22	ng	98
77) Pyrene	12.52	202	208742	19.53	ng	98
79) Butylbenzylphthalate	13.15	149	97543	20.64	ng	91
80) Benzo(a)anthracene	13.70	228	185041	22.55	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	63302	28.68	ng	# 98
82) Chrysene	13.75	228	190416	24.66	ng	96
83) Bis(2-ethylhexyl)phthalate	13.71	149	134407	23.37	ng	# 98
84) Di-n-octyl phthalate	14.32	149	253047	27.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.32	276	131235	18.29	ng	# 100
87) Benzo(b)fluoranthene	14.71	252	160671m	19.67	ng	
88) Benzo(k)fluoranthene	14.73	252	172245m	27.96	ng	
89) Benzo(a)pyrene	15.03	252	148009	22.40	ng	# 93
90) Dibenzo(a,h)anthracene	16.32	278	111534	18.17	ng	96
91) Benzo(g,h,i)perylene	16.70	276	104084	16.49	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.00 min

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BNA_F

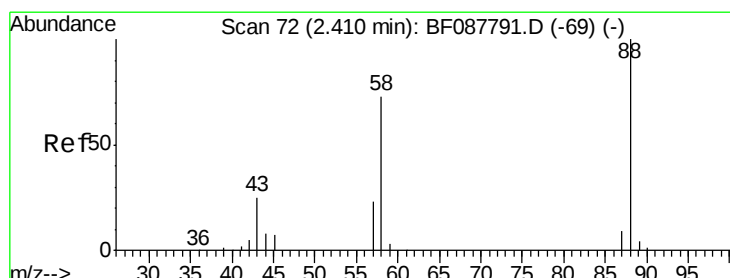
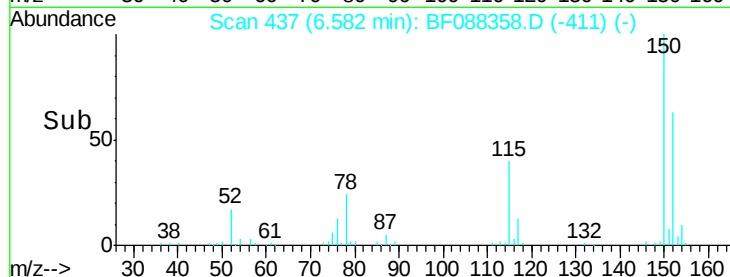
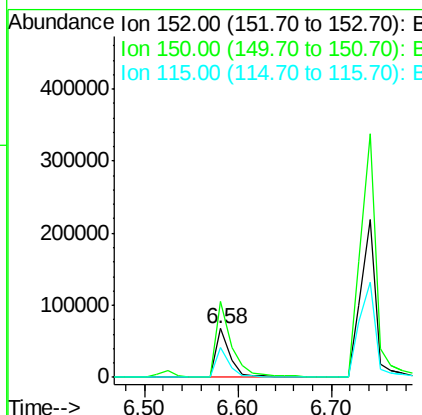
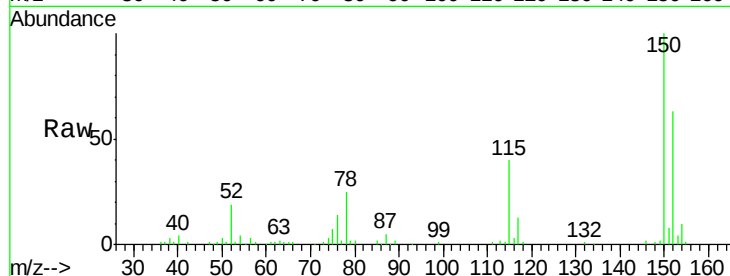
ClientSampleId :

PB91593BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	62.9	39.6	59.4

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#2

1,4-Dioxane

Concen: 30.18 ng

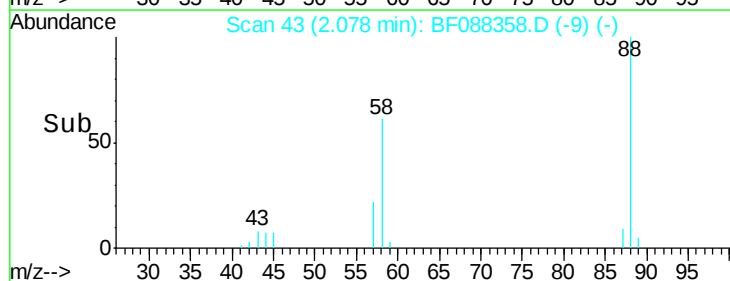
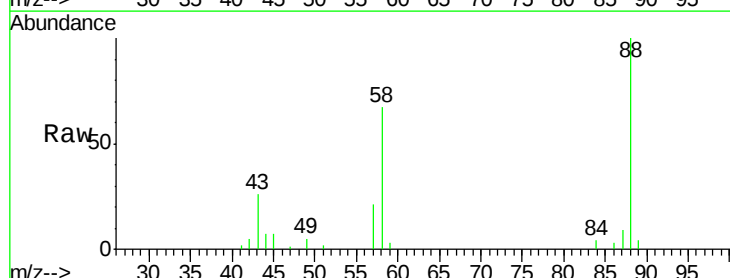
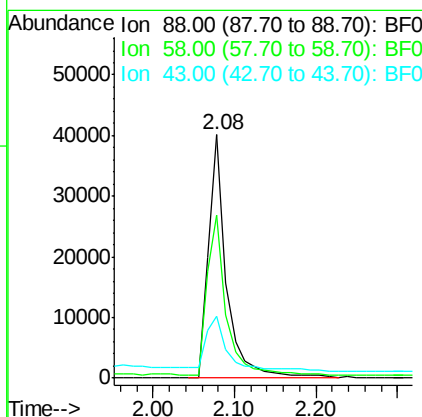
RT: 2.08 min Scan# 43

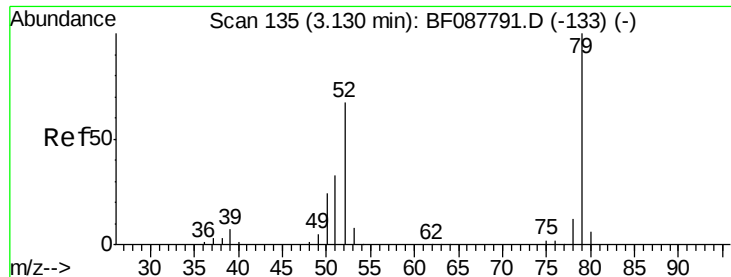
Delta R.T. 0.09 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	0.0	0.0
43	26.9	3.4	5.2





#3

Pyridine

Concen: 13.97 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.11 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

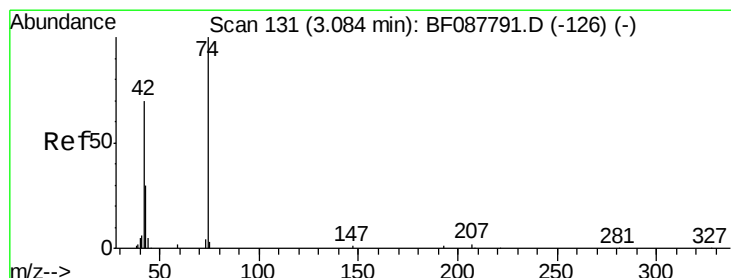
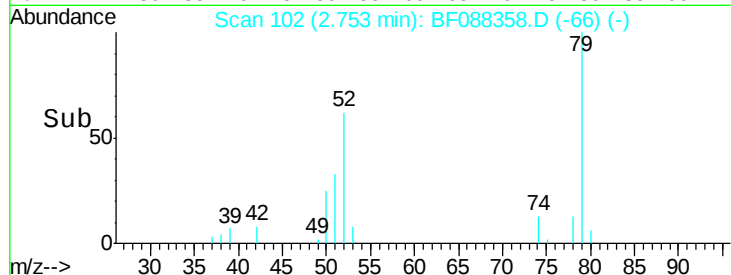
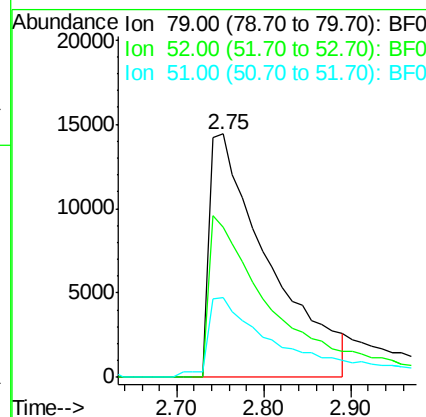
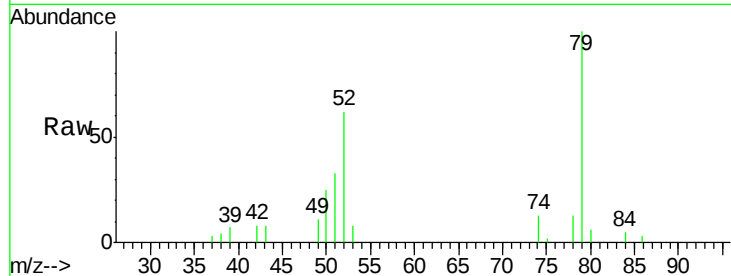
ClientSampleId :

PB91593BS

Tgt Ion:	79	Resp:	68612
Ion Ratio	Lower	Upper	
79	100		
52	61.5	56.3	84.5
51	32.5	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 14.15 ng

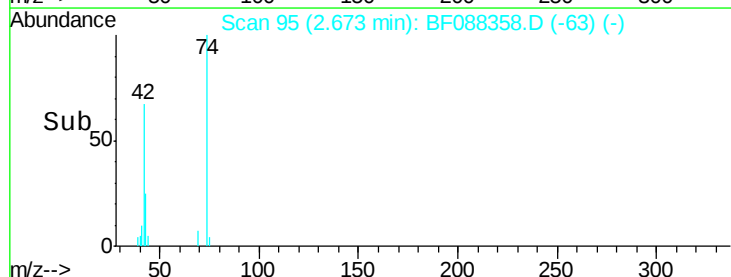
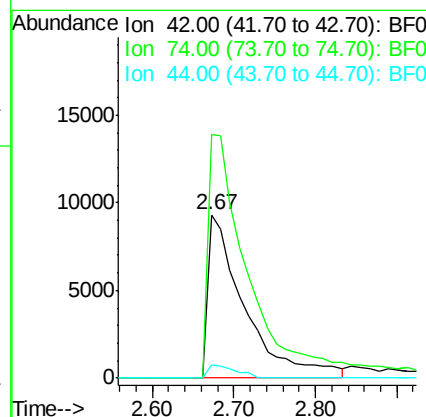
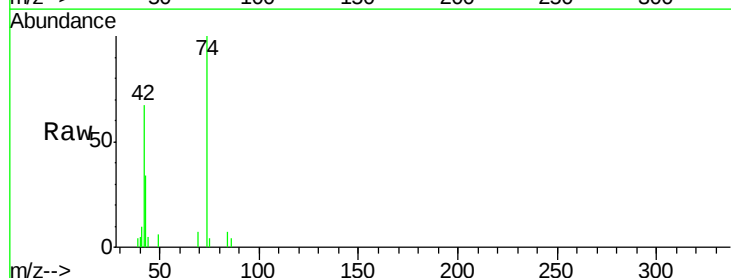
RT: 2.67 min Scan# 95

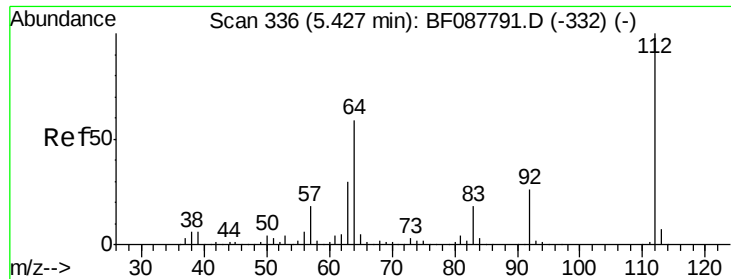
Delta R.T. 0.07 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion:	42	Resp:	29424
Ion Ratio	Lower	Upper	
42	100		
74	149.0	108.6	163.0
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 119.26 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.02 min

Lab File: BF088358.D

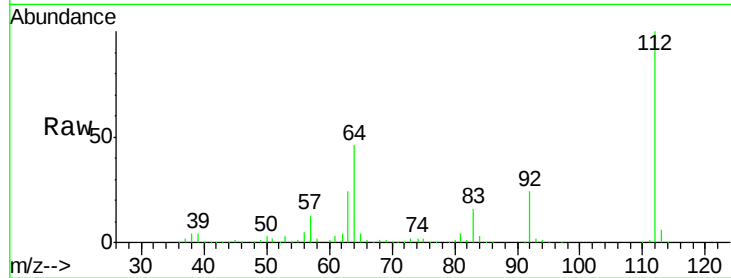
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

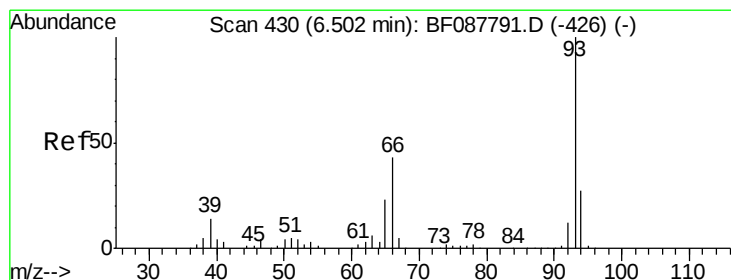
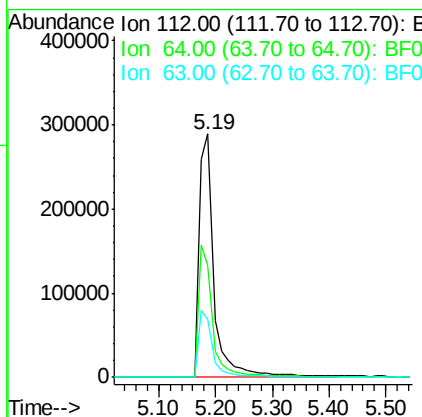
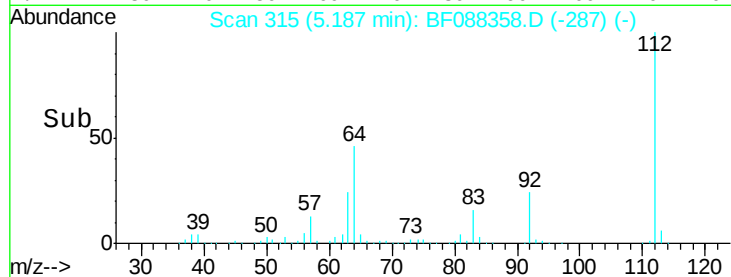
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Tgt Ion:	112	Resp:	510409
Ion Ratio	Lower	Upper	
112	100		
64	45.9	42.2	63.2
63	23.6	21.8	32.8

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#6

Aniline

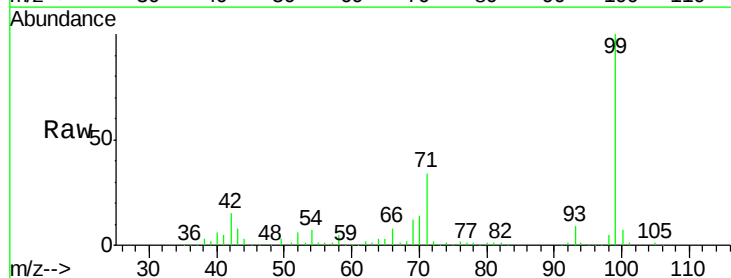
Concen: 9.83 ng

RT: 6.25 min Scan# 408

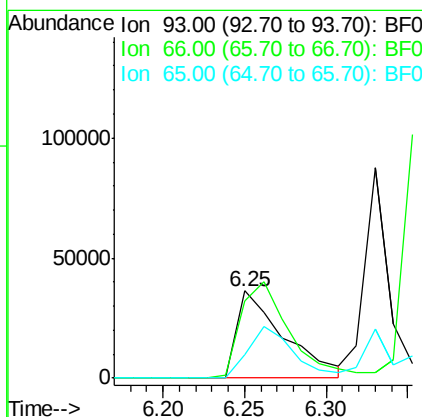
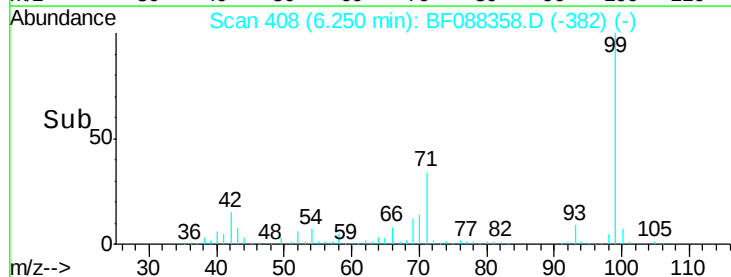
Delta R.T. -0.00 min

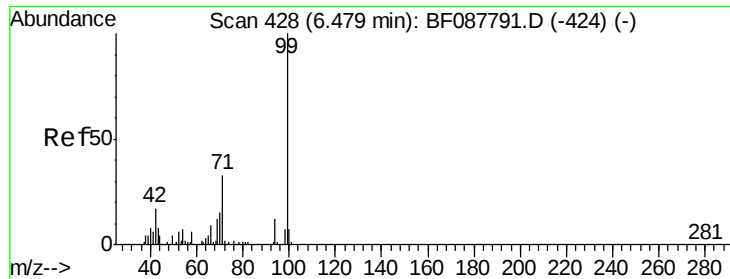
Lab File: BF088358.D

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Tgt Ion:	93	Resp:	72555
Ion Ratio	Lower	Upper	
93	100		
66	88.3	29.8	44.8#
65	27.7	14.9	22.3#





#7

Phenol-d6

Concen: 110.77 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088358.D

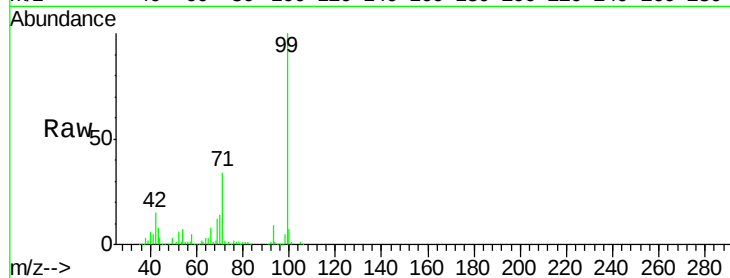
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

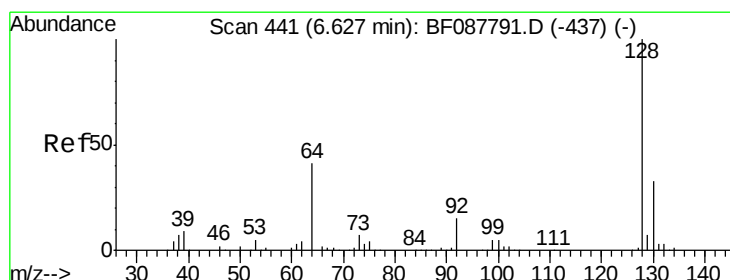
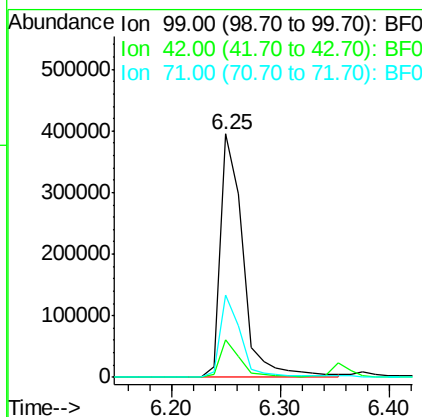
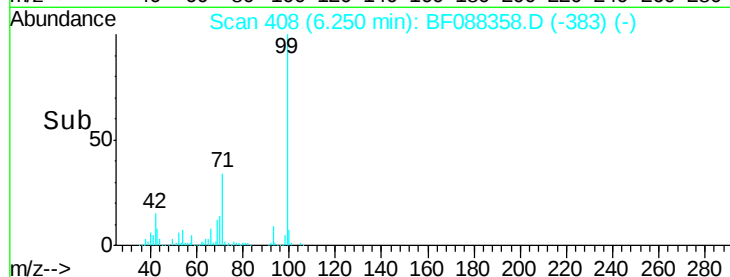
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Tgt Ion:	99	Resp:	574525
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.2	18.2
71	34.0	23.4	35.0

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#8

2-Chlorophenol

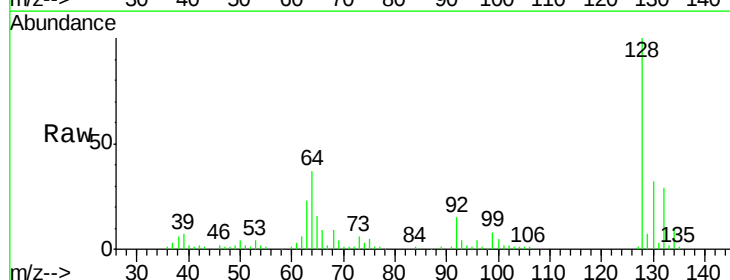
Concen: 20.65 ng

RT: 6.38 min Scan# 419

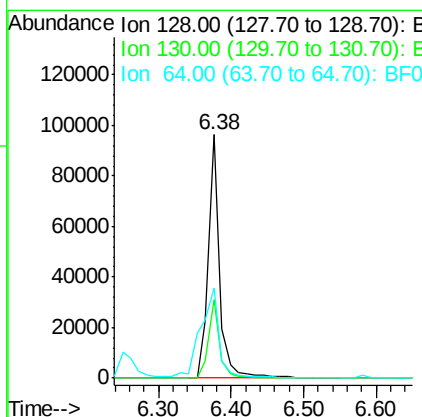
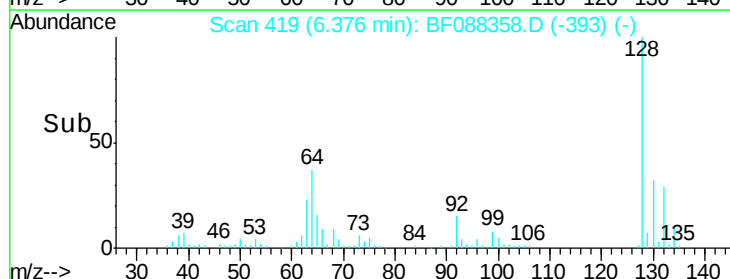
Delta R.T. -0.00 min

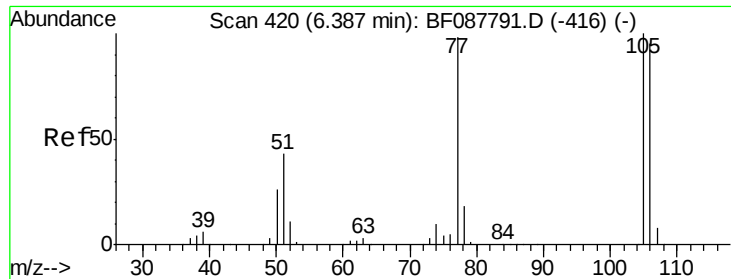
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Tgt Ion:	128	Resp:	104611
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.0	52.0
64	37.0	30.8	70.8





#9

Benzaldehyde

Concen: 15.03 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF088358.D

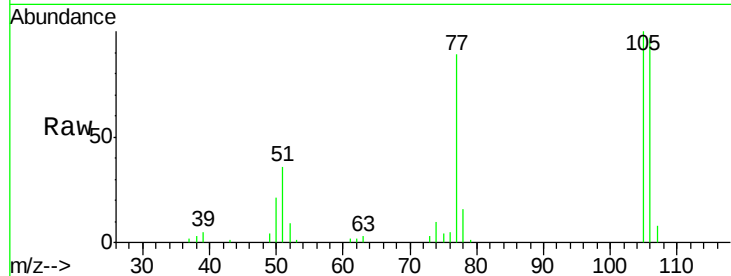
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

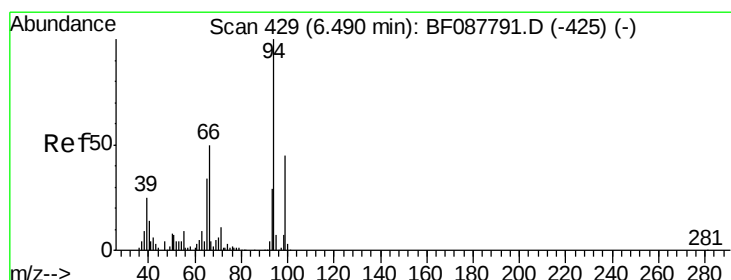
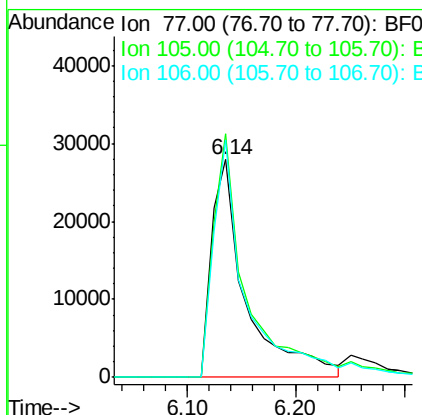
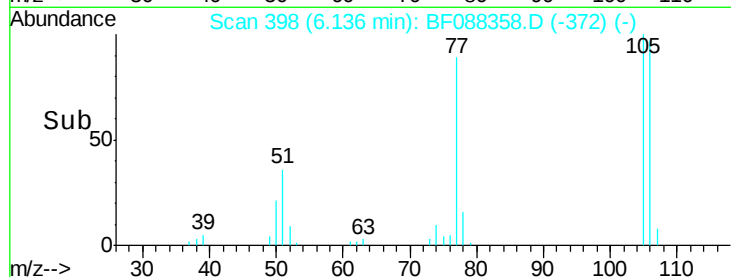
PB91593BS



Tgt Ion:	77	Resp:	62213
Ion	Ratio	Lower	Upper
77	100		
105	111.8	90.6	130.6
106	108.6	85.3	125.3

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#10

Phenol

Concen: 21.65 ng

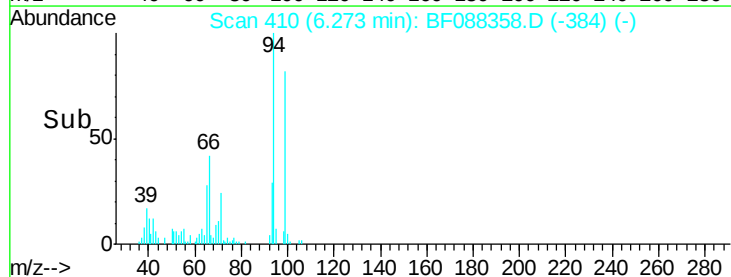
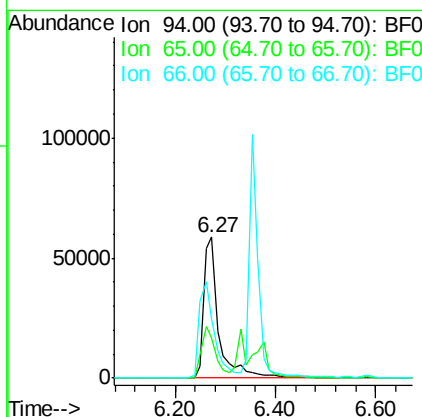
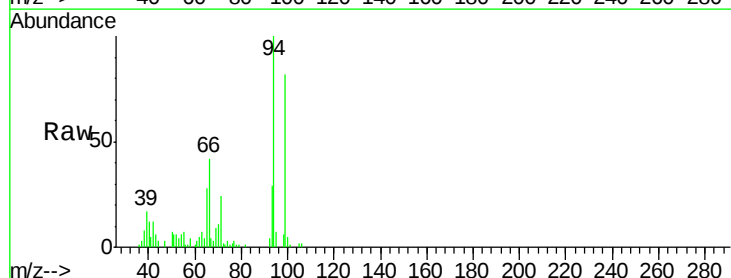
RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

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Tgt Ion:	94	Resp:	122843
Ion	Ratio	Lower	Upper
94	100		
65	28.4	5.9	45.9
66	42.4	14.0	54.0





#11

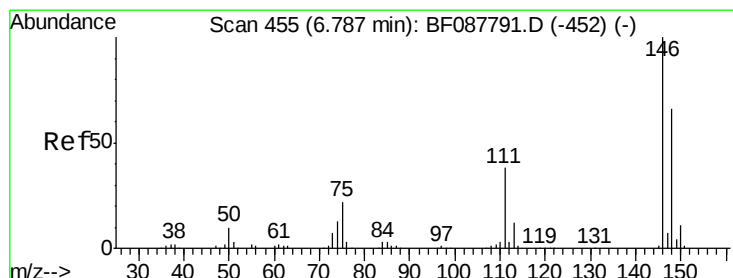
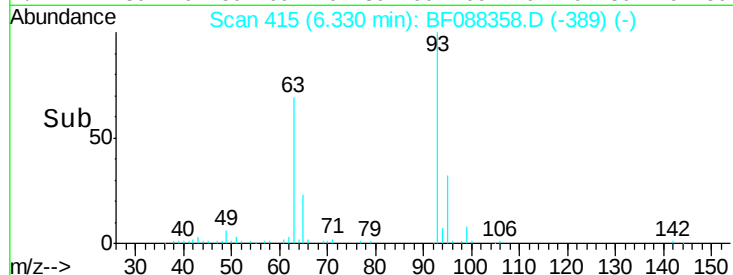
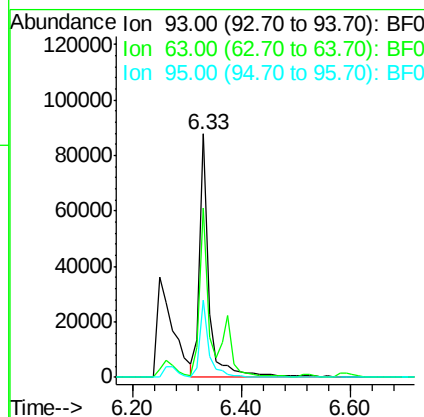
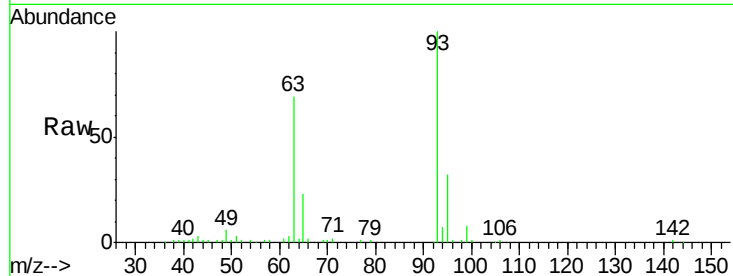
bis(2-Chloroethyl)ether
 Concen: 22.50 ng
 RT: 6.33 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:	93	Resp:	102341
Ion Ratio	Lower	Upper	
93	100		
63	69.5	67.6	107.6
95	31.7	12.5	52.5

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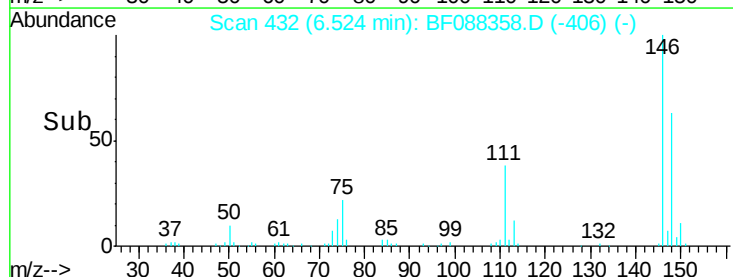
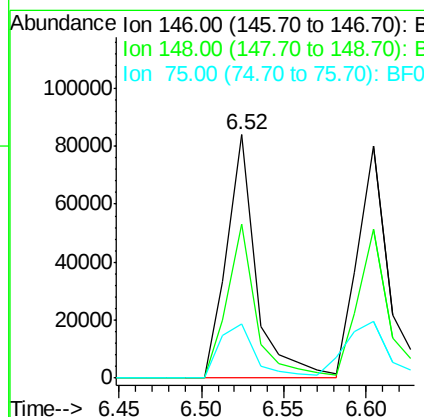
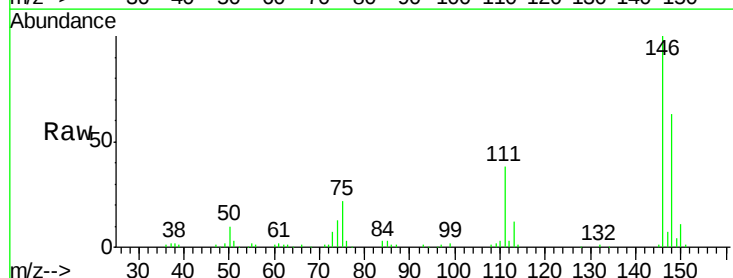
sohil
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#12

1,3-Dichlorobenzene
 Concen: 19.31 ng m
 RT: 6.52 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:	146	Resp:	104957
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.9	76.3
75	22.1	25.6	38.4#





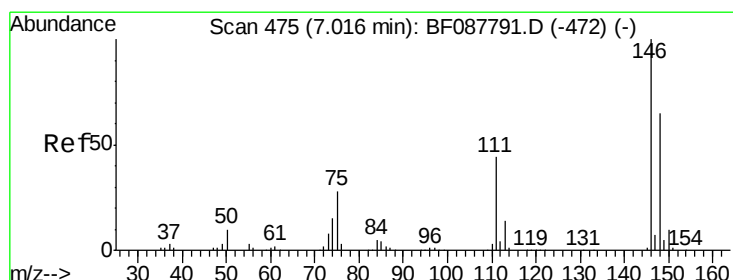
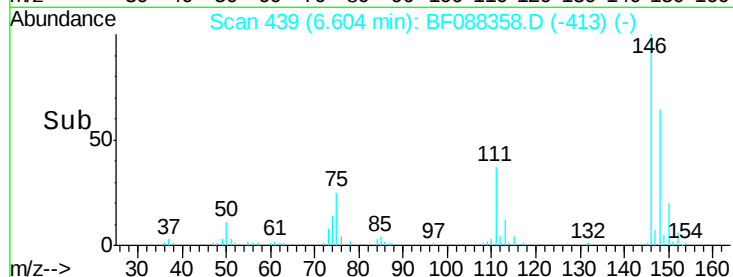
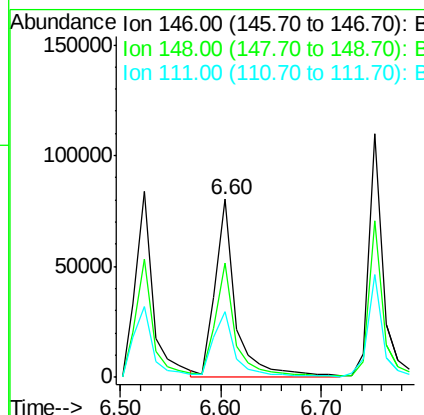
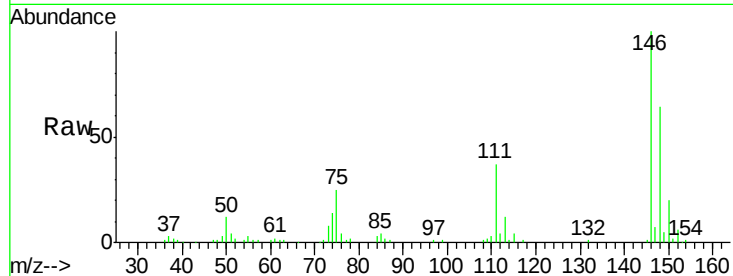
#13
1,4-Dichlorobenzene
Concen: 20.90 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114423		
148	64.1	52.0	78.0	
111	37.2	33.8	50.8	

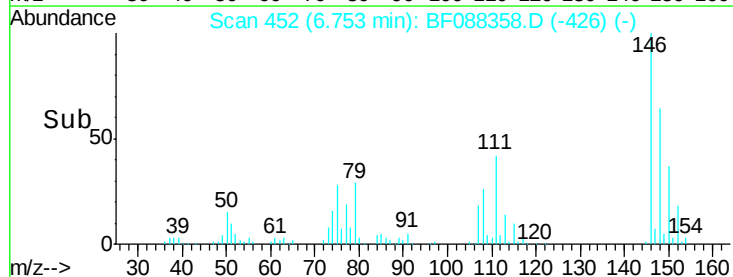
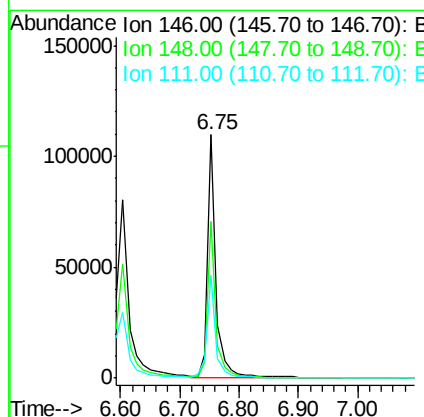
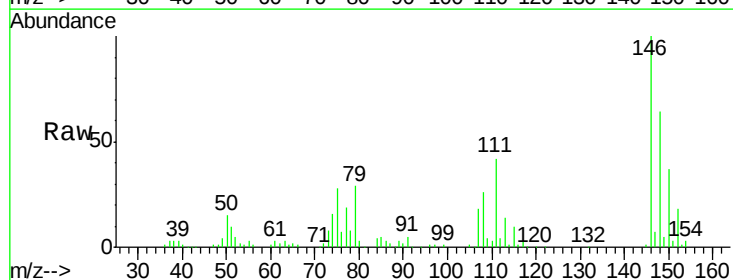
Manual Integrations
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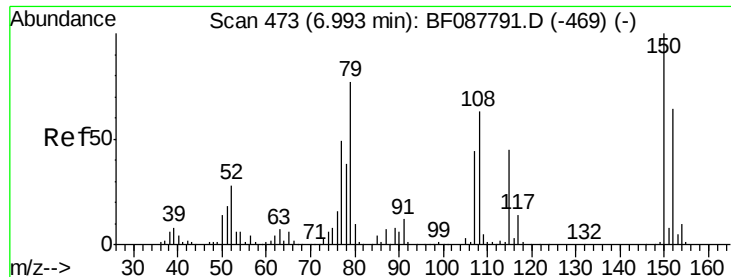
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#14
1,2-Dichlorobenzene
Concen: 22.98 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114440		
148	64.4	52.3	78.5	
111	42.0	28.7	43.1	





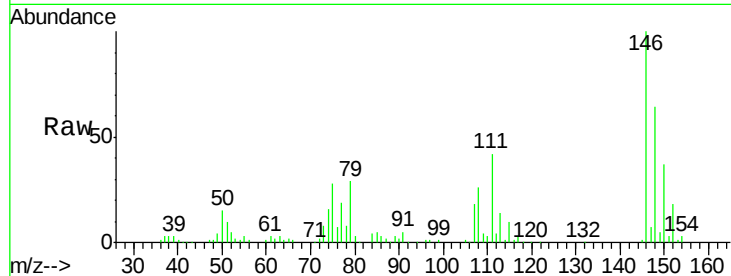
#15
Benzyl Alcohol
Concen: 18.02 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

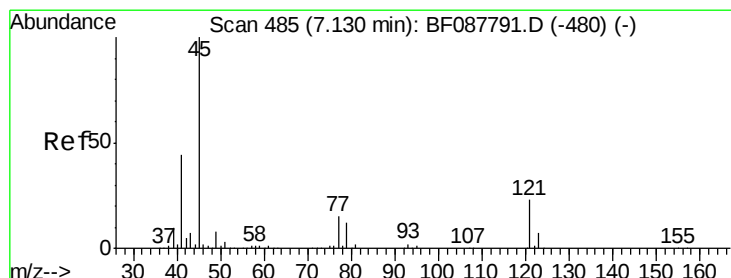
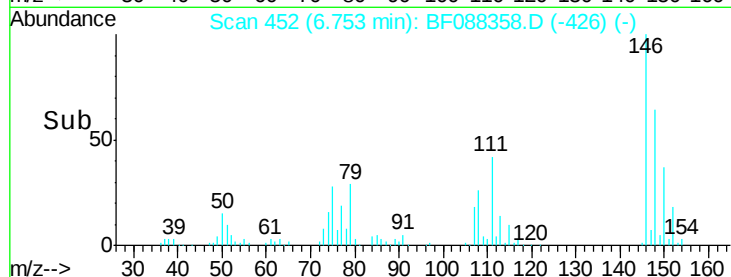
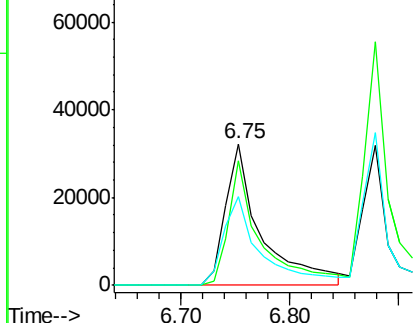
Tgt Ion	Ratio	Lower	Upper
79	100		
108	87.6	65.0	97.6
77	63.1	50.3	75.5

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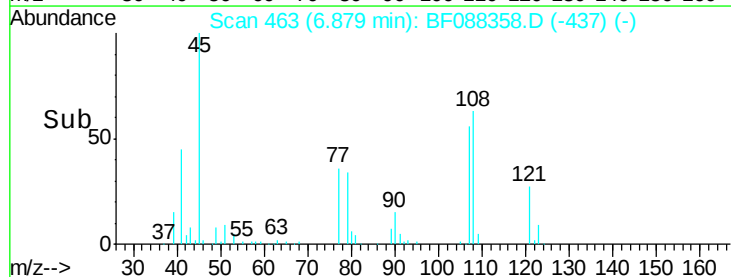
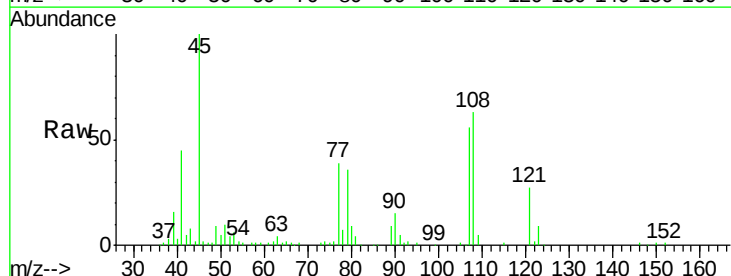
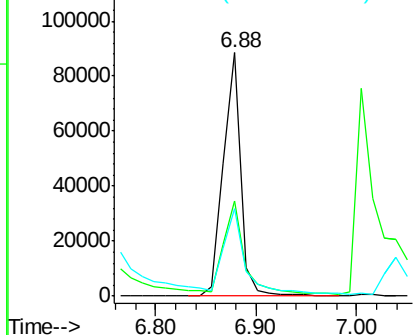
Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

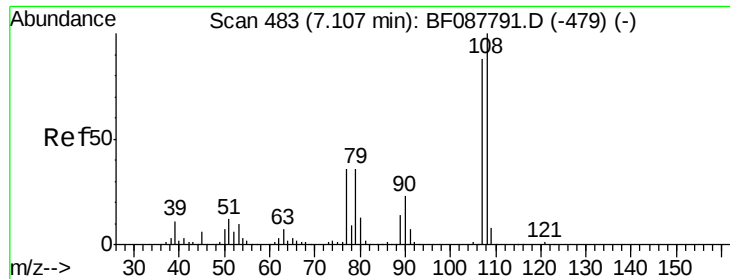


#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.44 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.2	0.0	32.5#
79	35.9	0.0	29.5#

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: 17.91 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF088358.D

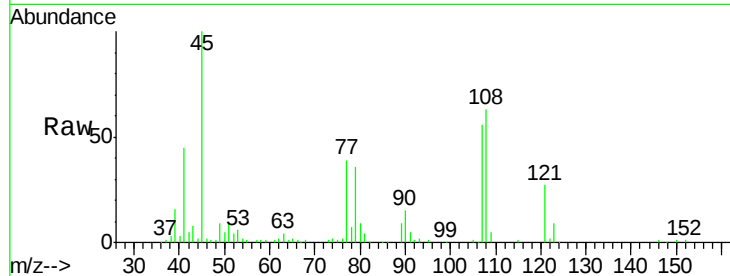
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS



Tgt Ion:107 Resp: 73587

Ion Ratio Lower Upper

107 100

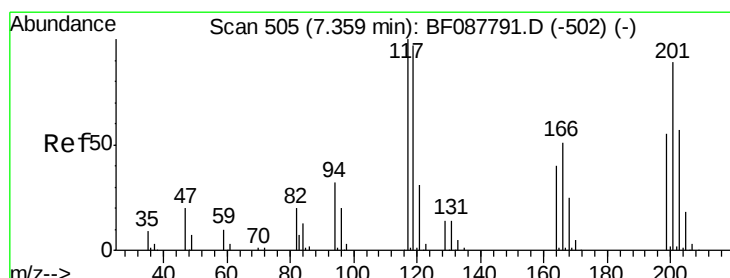
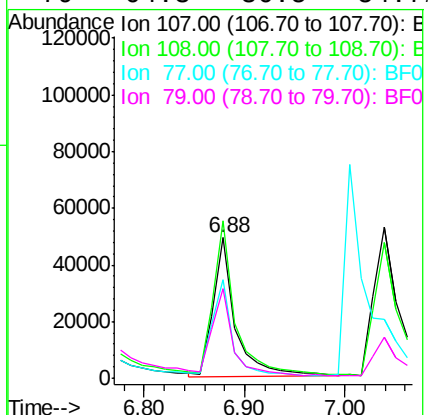
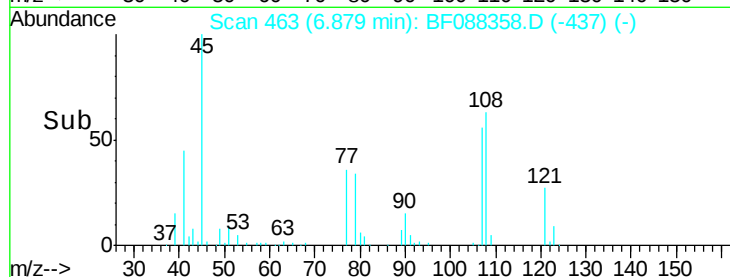
108 112.1 90.9 136.3

77 70.1 36.6 55.0

79 64.3 36.5 54.7

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#18

Hexachloroethane

Concen: 17.78 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

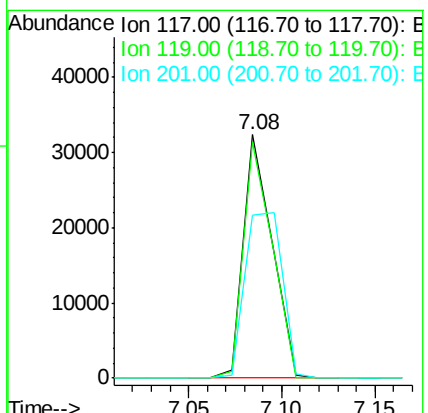
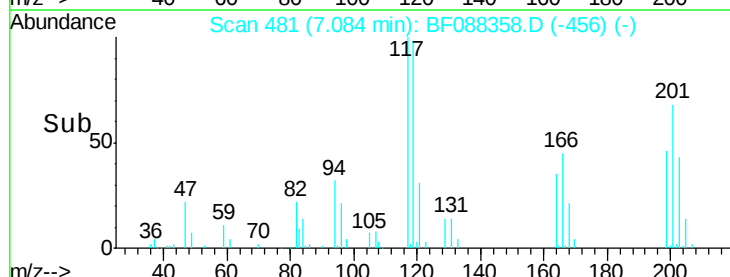
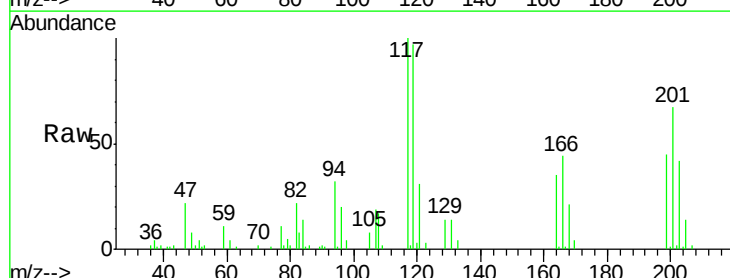
Tgt Ion:117 Resp: 34545

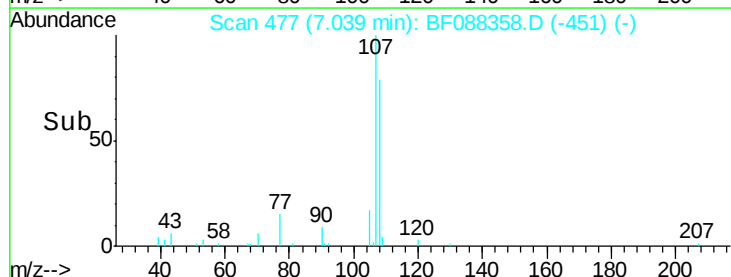
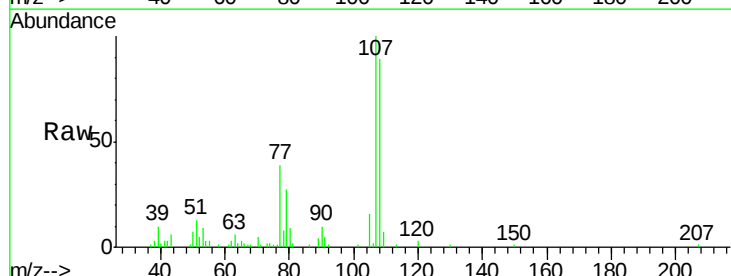
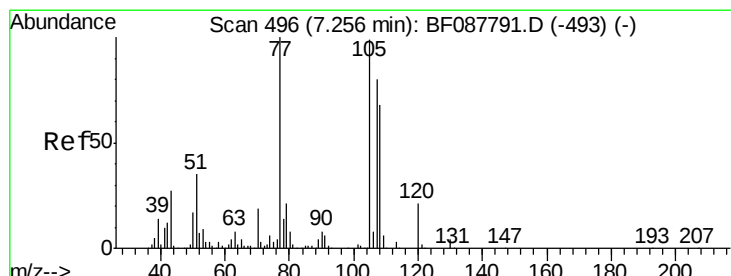
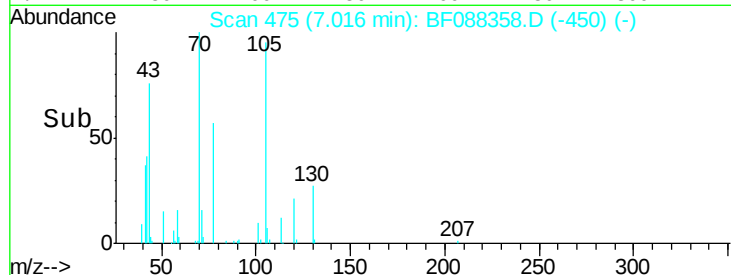
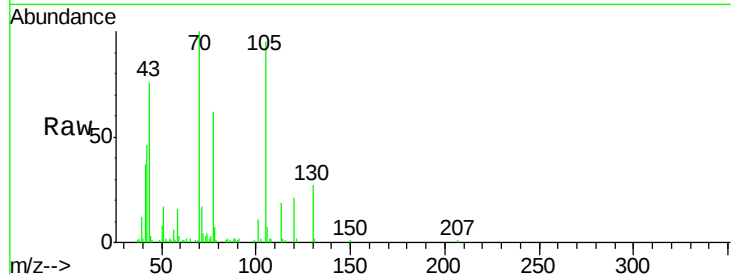
Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.2

201 66.9 80.4 120.6





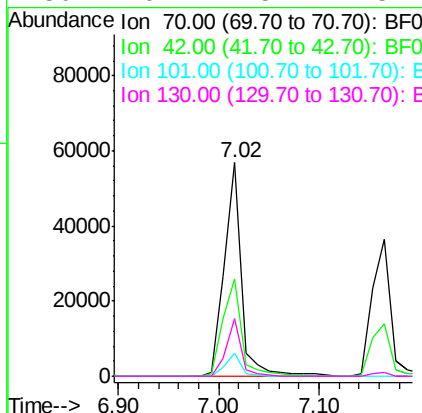
#19
n-Nitroso-di-n-propylamine
Concen: 20.31 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.6	74.4#
101	10.8	7.1	10.7#
130	26.7	15.4	23.2#

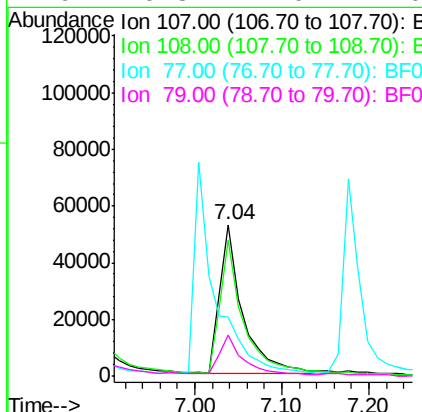
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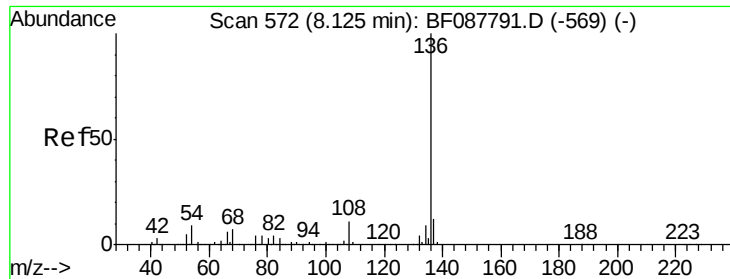
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#20
3+4-Methylphenols
Concen: 20.46 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.8	107.8
77	38.6	59.3	99.3#
79	26.8	7.0	47.0





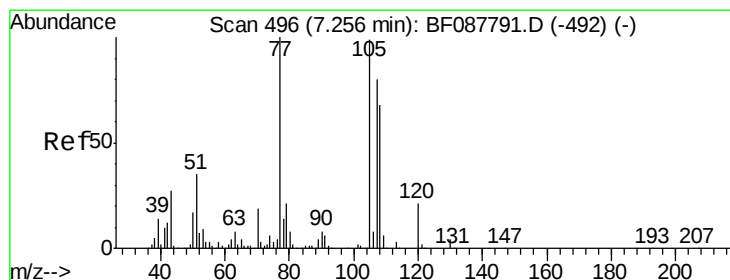
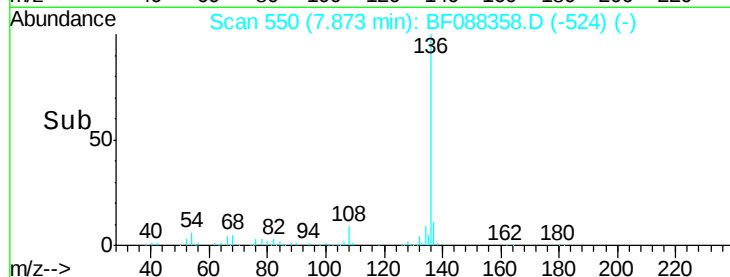
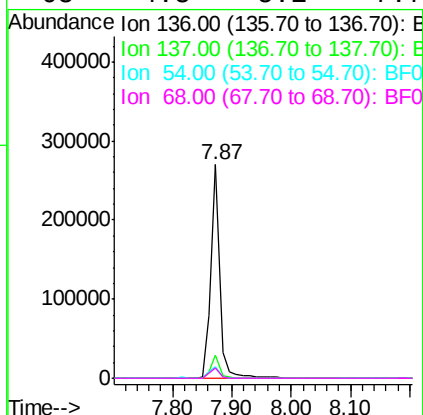
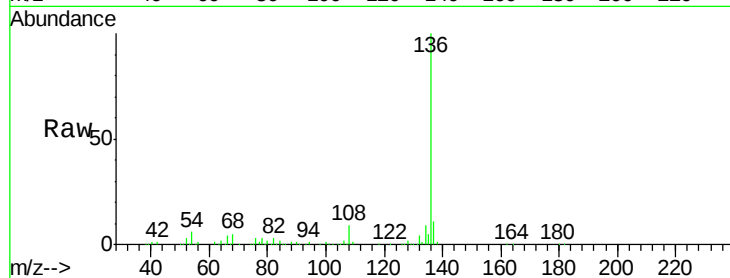
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		283476		
137	10.9	9.1	13.7		
54	5.6	6.6	10.0		
68	4.8	5.1	7.7		

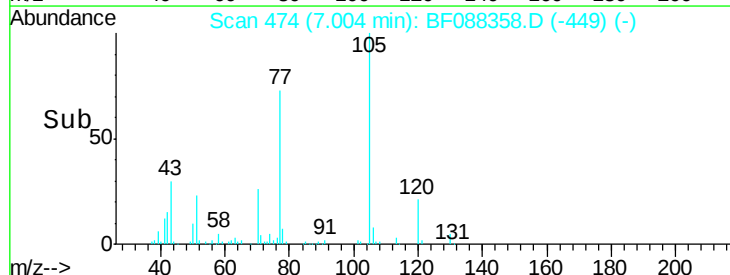
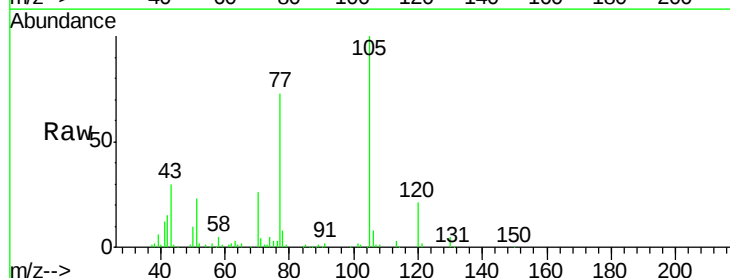
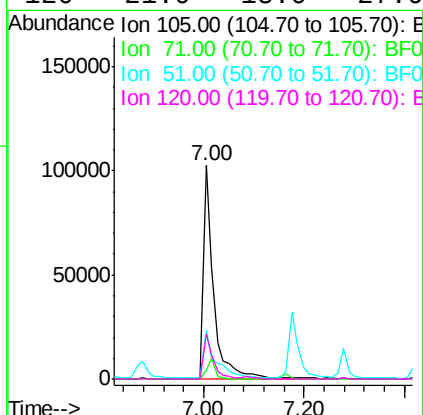
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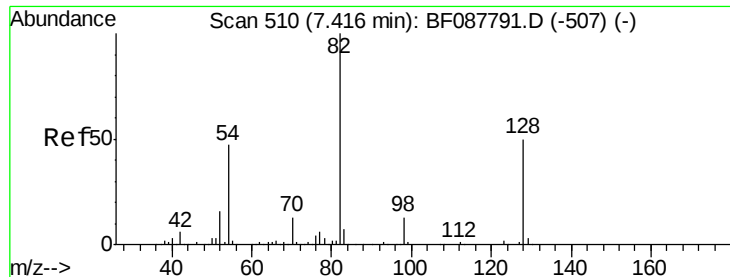
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#22
Acetophenone
Concen: 22.94 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		145315		
71	4.4	5.3	7.9		
51	23.0	18.2	27.4		
120	21.0	18.0	27.0		





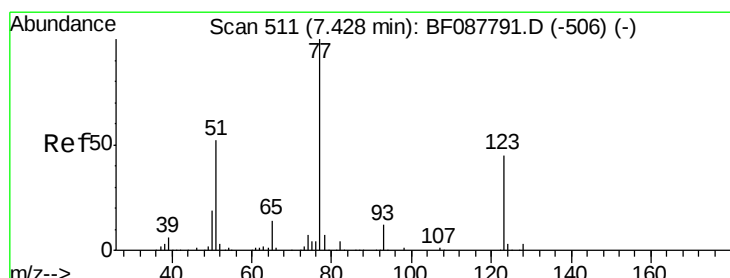
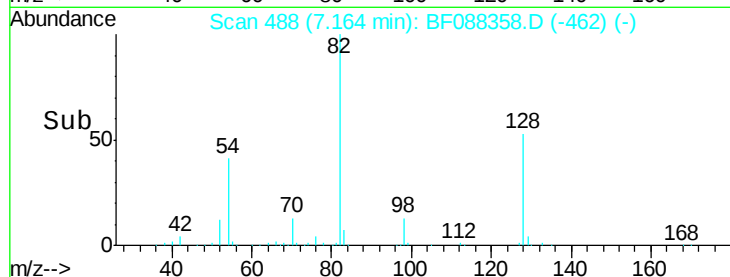
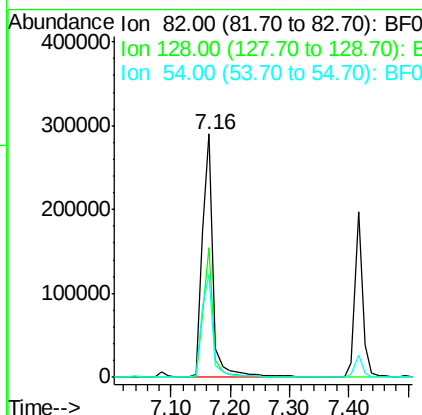
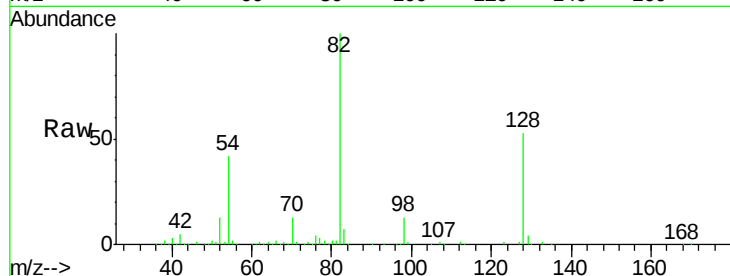
#23
Nitrobenzene-d5
Concen: 78.30 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	380120		
128	53.1	35.9	53.9	
54	42.0	40.9	61.3	

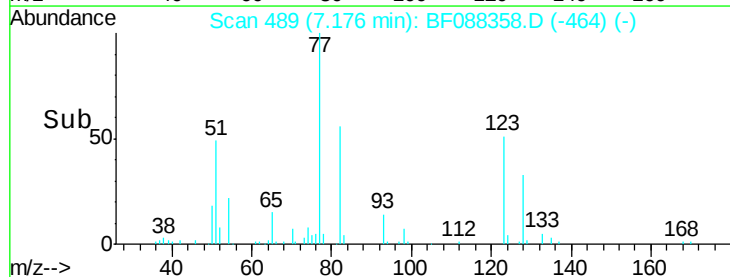
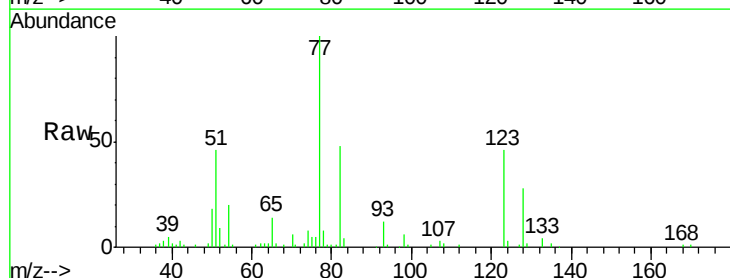
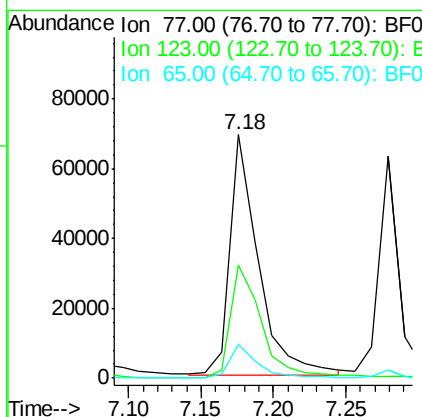
Manual Integrations
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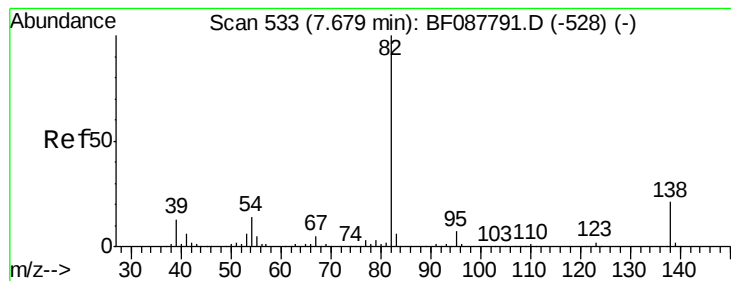
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#24
Nitrobenzene
Concen: 20.21 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	95017		
123	46.5	45.0	67.4	
65	13.7	10.2	15.2	





#25

Isophorone

Concen: 19.88 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

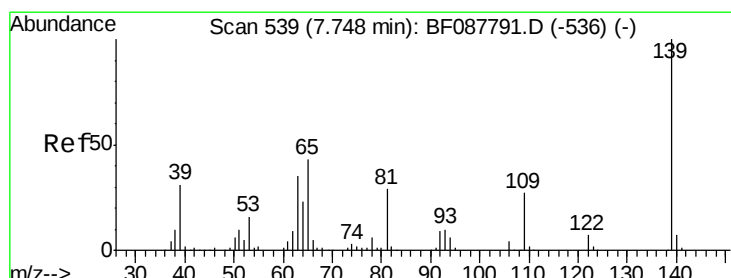
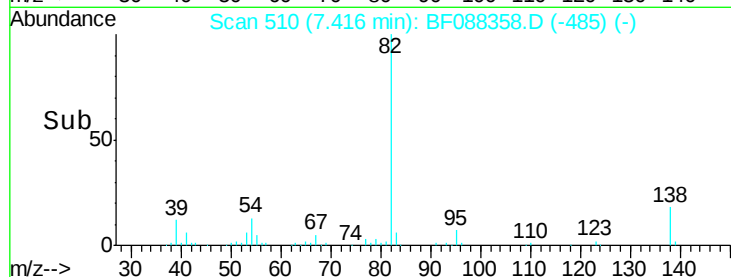
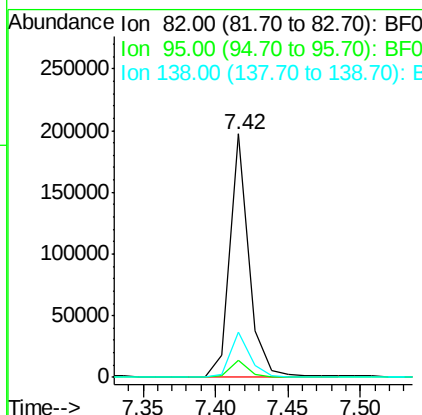
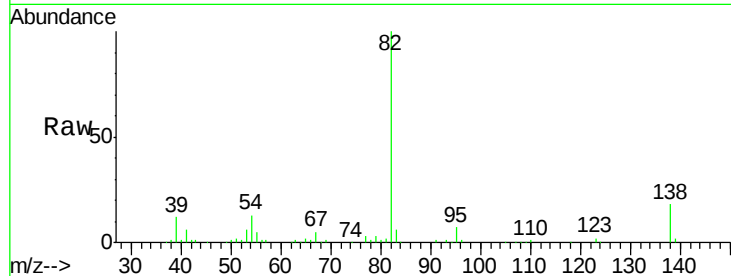
ClientSampled :

PB91593BS

Tgt Ion:	82	Resp:	178717
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.4	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.31 ng

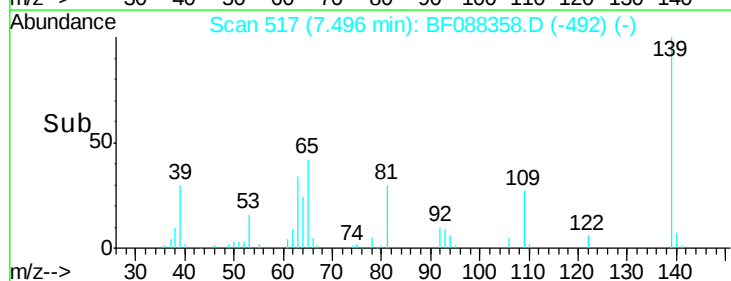
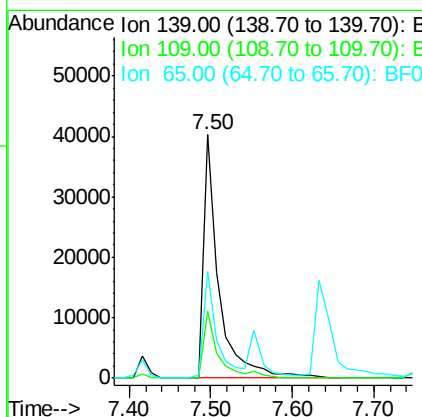
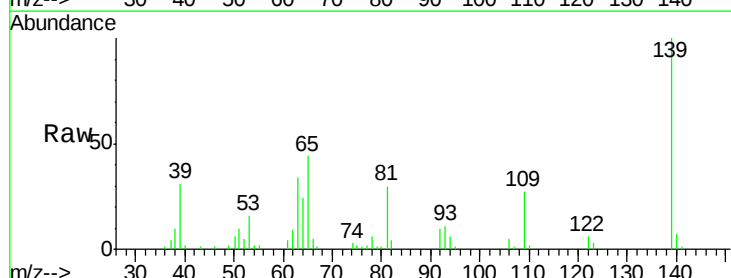
RT: 7.50 min Scan# 517

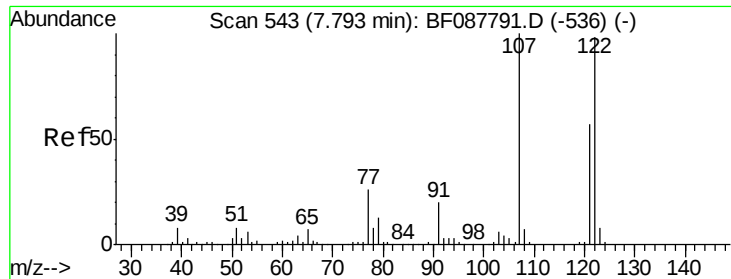
Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion:	139	Resp:	53685
Ion Ratio		Lower	Upper
139	100		
109	27.4	23.0	34.4
65	43.8	45.8	68.8#





#27

2,4-Dimethylphenol

Concen: 19.89 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

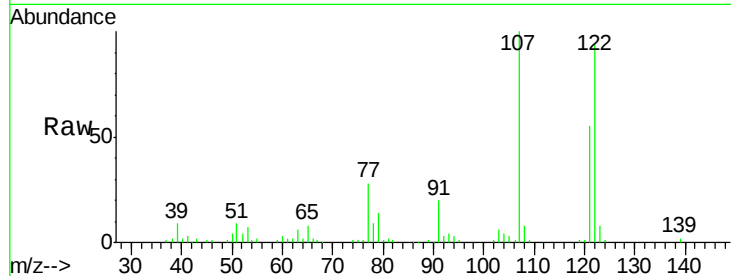
ClientSampleId :

PB91593BS

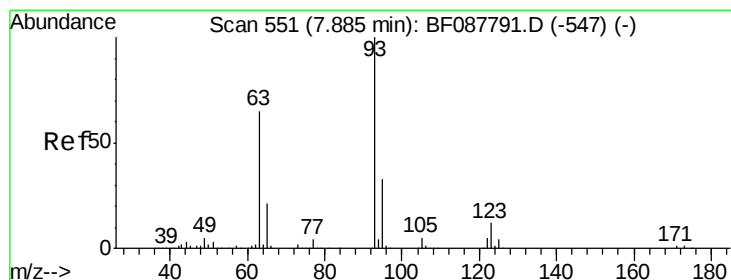
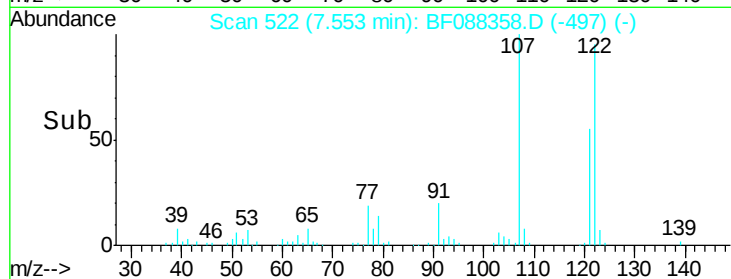
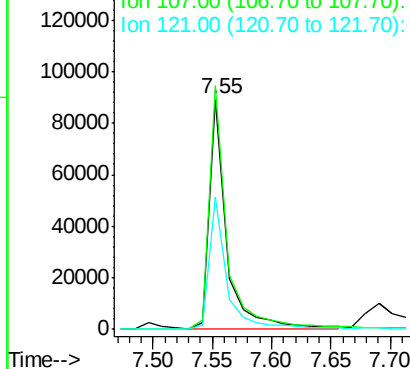
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Tgt Ion:	122	Resp:	92245
Ion Ratio	Lower	Upper	
122	100		
107	105.9	82.4	123.6
121	57.7	46.3	69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 21.13 ng

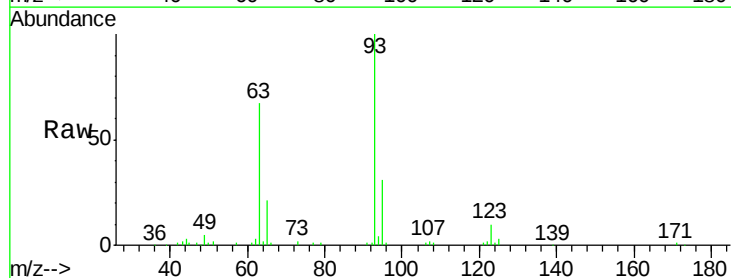
RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

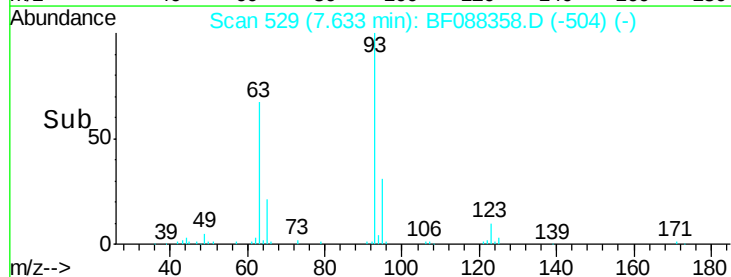
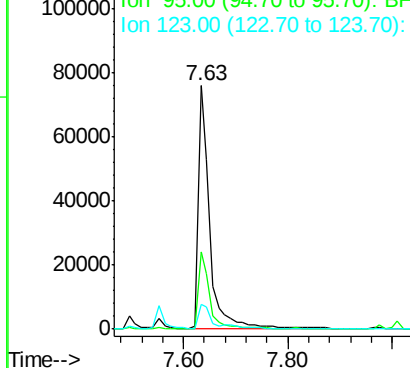
Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion:	93	Resp:	117816
Ion Ratio	Lower	Upper	
93	100		
95	31.5	26.5	39.7
123	10.2	11.6	17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





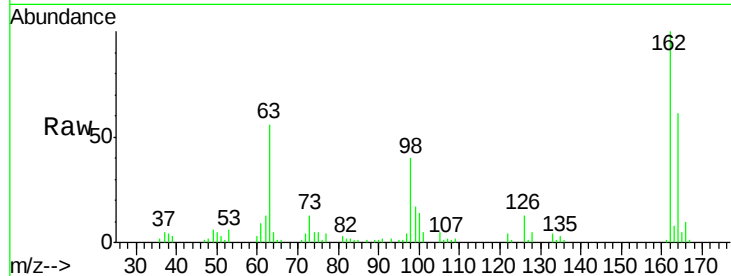
#29
 2,4-Dichlorophenol
 Concen: 22.46 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

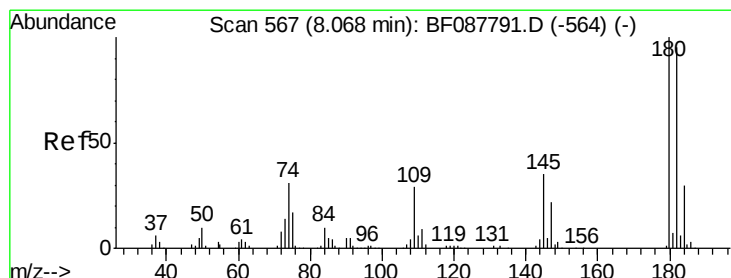
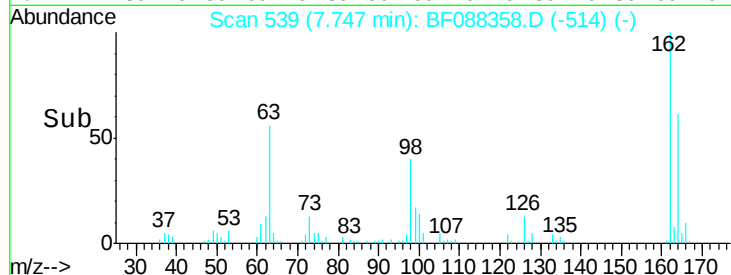
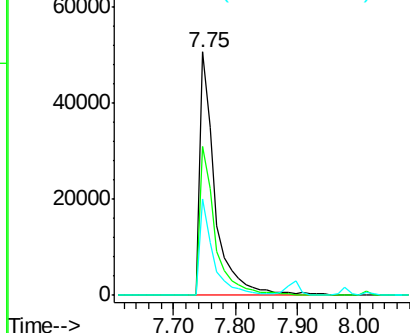
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	86957		
164	61.4	43.8	83.8	
98	39.6	21.3	61.3	

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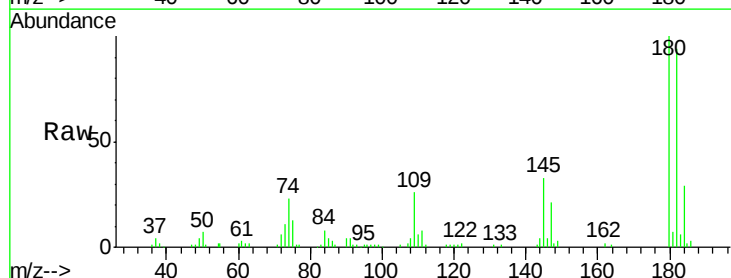


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

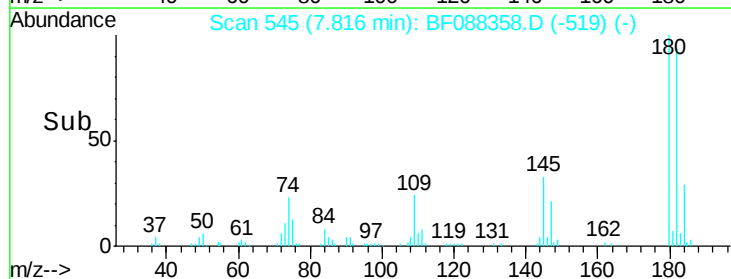
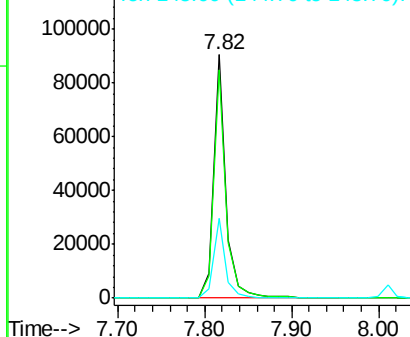


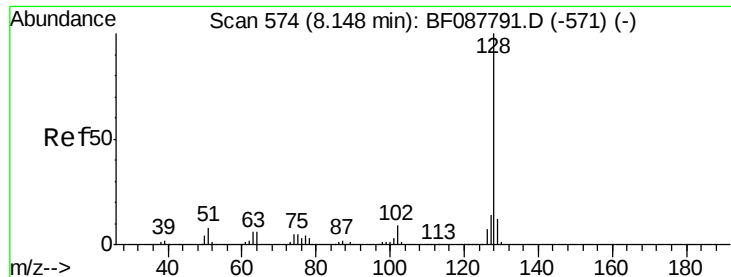
#30
 1,2,4-Trichlorobenzene
 Concen: 21.39 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90212		
182	93.7	76.0	114.0	
145	32.9	26.5	39.7	



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





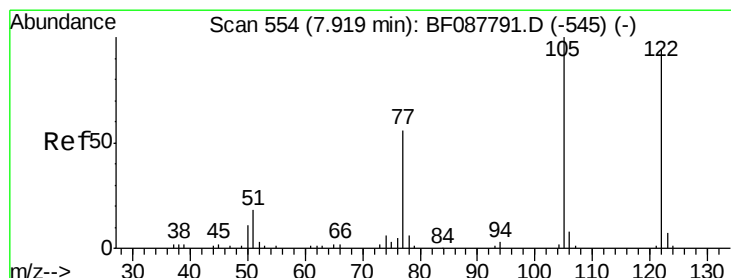
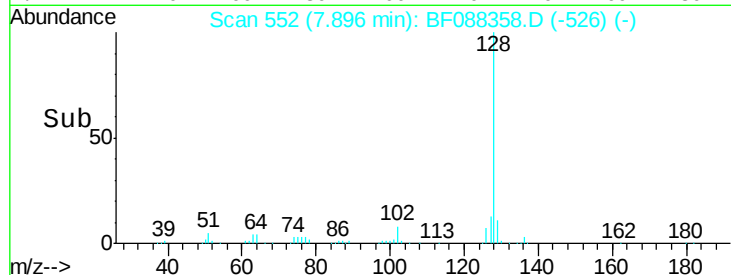
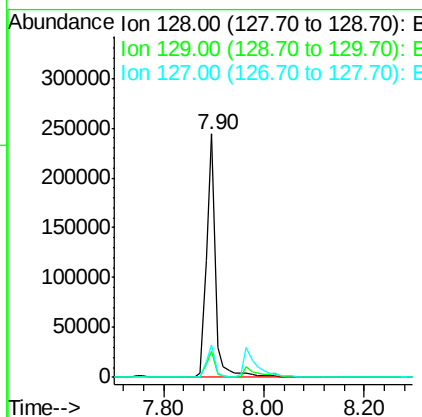
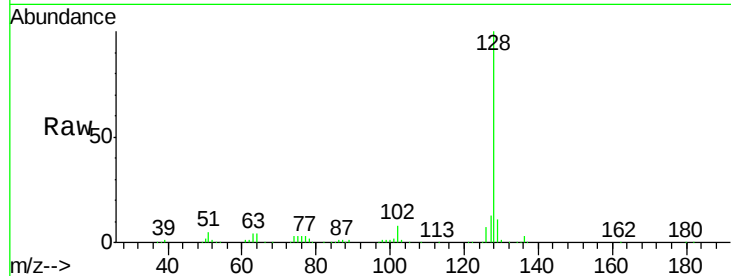
#31
Naphthalene
Concen: 21.58 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	302695		
129	10.6		9.4	14.2
127	13.1		10.9	16.3

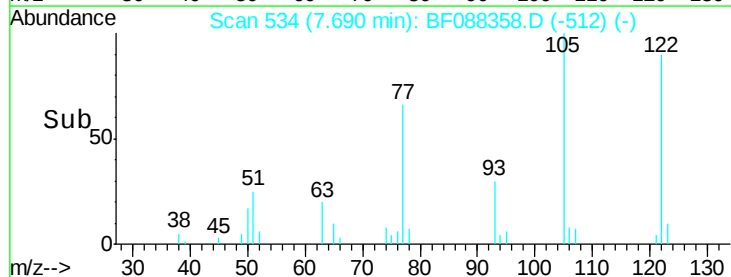
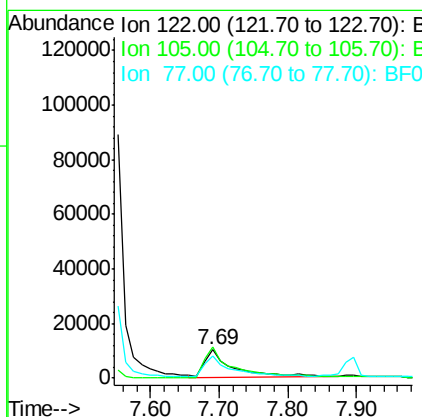
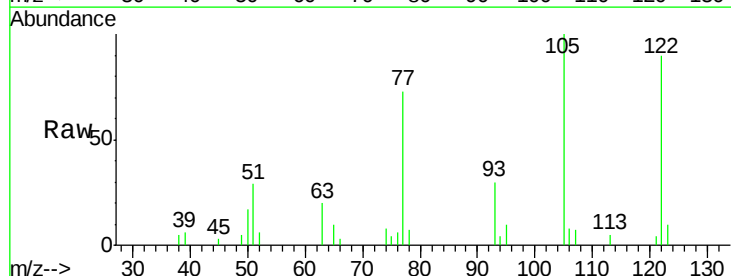
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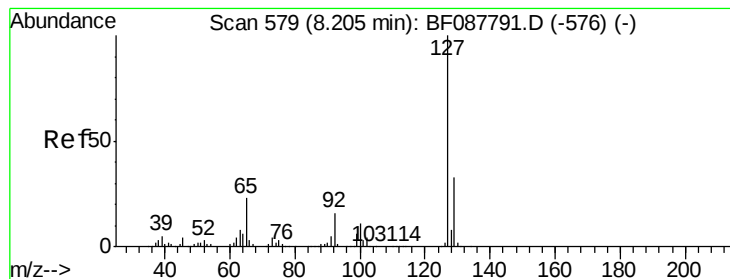
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#32
Benzoic acid
Concen: 10.94 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.05 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	27933		
105	110.6		101.6	141.6
77	80.2		70.6	110.6





#33

4-Chloroaniline

Concen: 9.28 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF088358.D

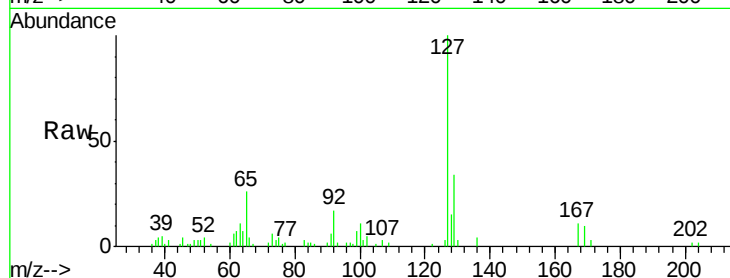
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

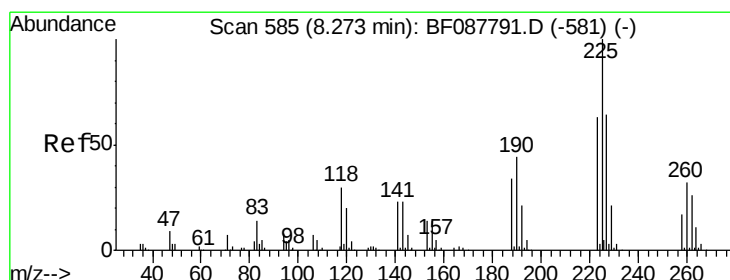
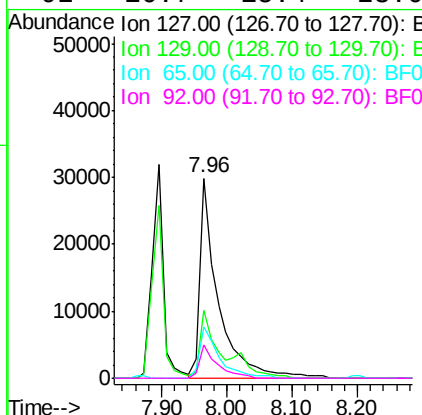
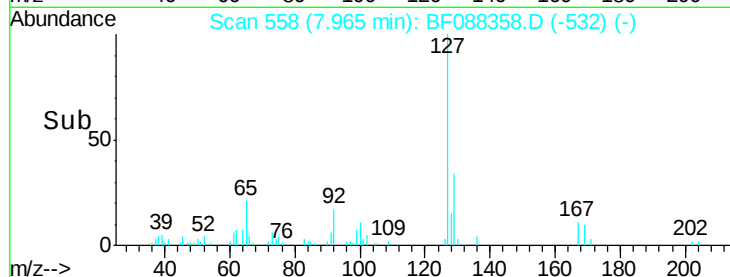
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Tgt Ion	Ratio	Resp	Lower	Upper
127	100	58156		
129	33.6	26.3	39.5	
65	25.7	24.7	37.1	
92	16.7	15.4	23.0	

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#34

Hexachlorobutadiene

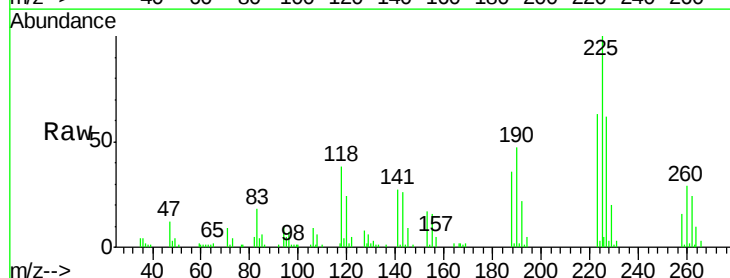
Concen: 21.55 ng

RT: 8.01 min Scan# 562

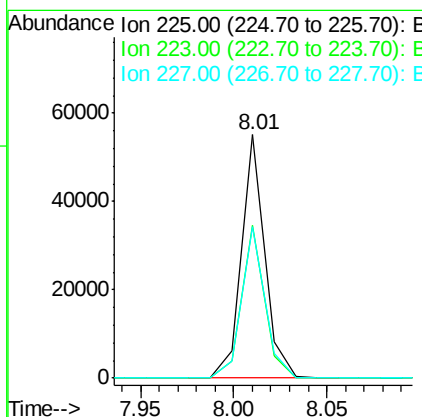
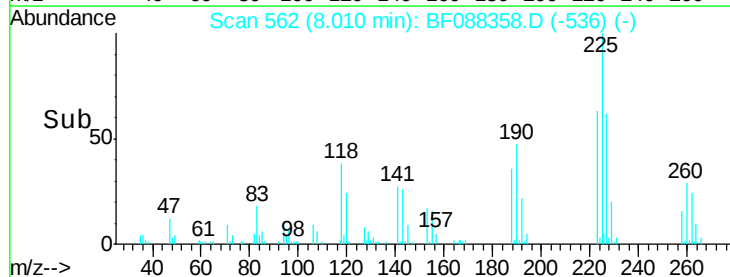
Delta R.T. -0.00 min

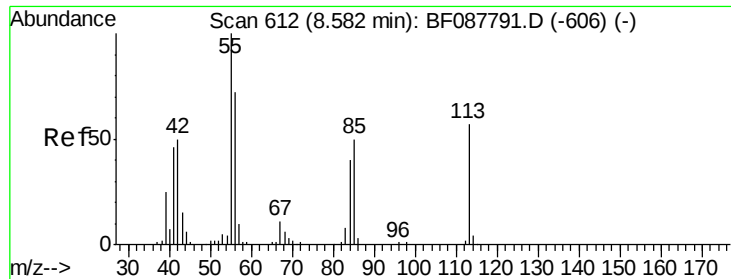
Lab File: BF088358.D

Acq: 25 Jun 2016 4:51



Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47918		
223	62.8	50.9	76.3	
227	62.2	51.9	77.9	





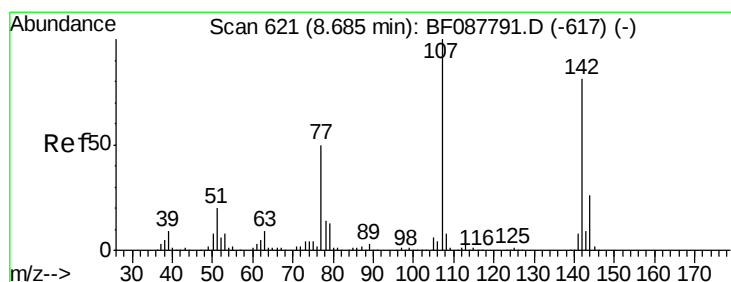
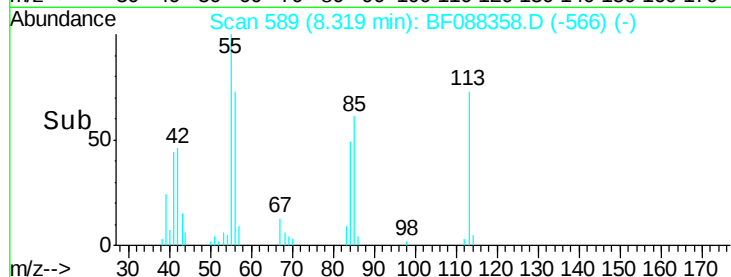
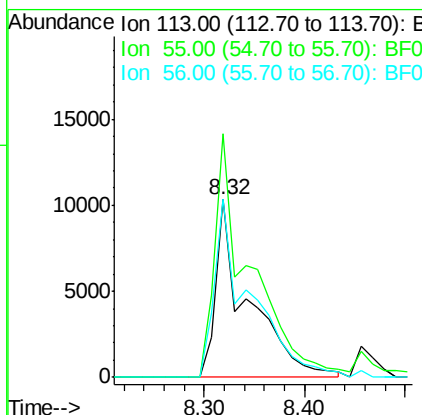
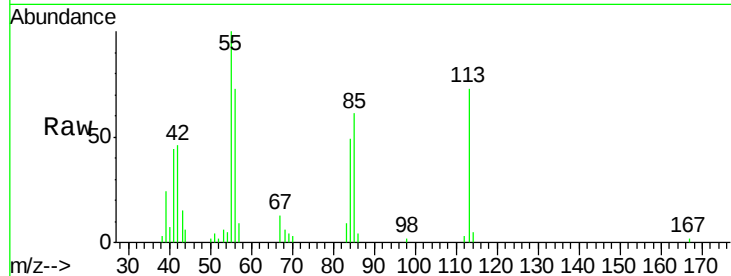
#35
 Caprolactam
 Concen: 17.98 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:113 Resp: 23068
 Ion Ratio Lower Upper
 113 100
 55 136.8 158.6 198.6#
 56 100.3 110.6 150.6#

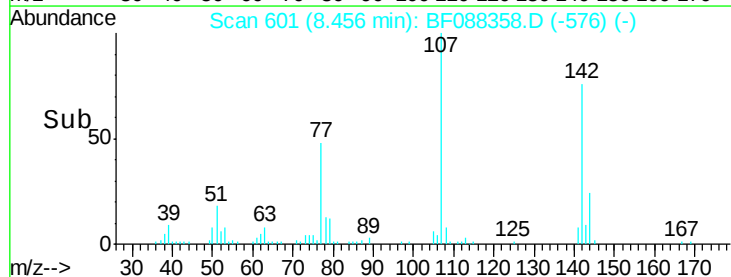
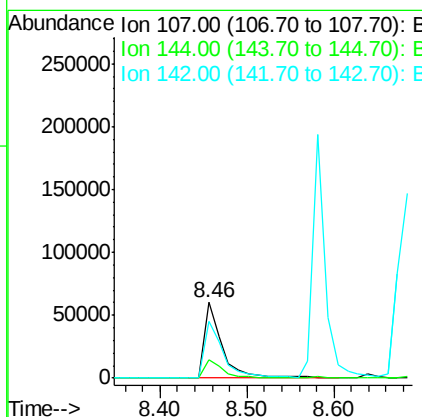
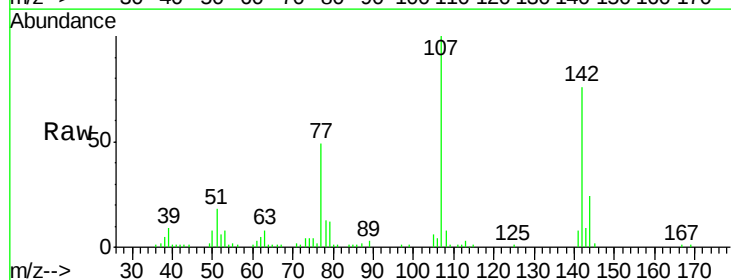
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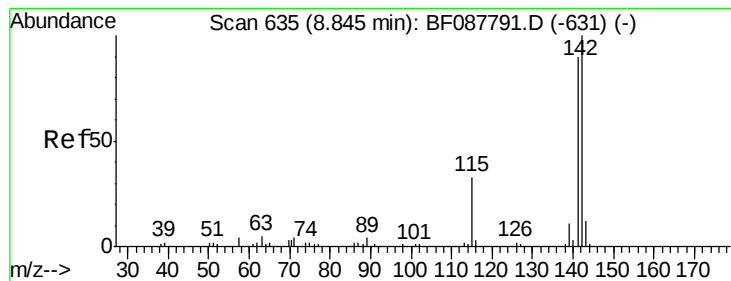
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#36
 4-Chloro-3-methylphenol
 Concen: 20.77 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:107 Resp: 86028
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 75.6 63.4 95.2





#37

2-Methylnaphthalene

Concen: 20.60 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF088358.D

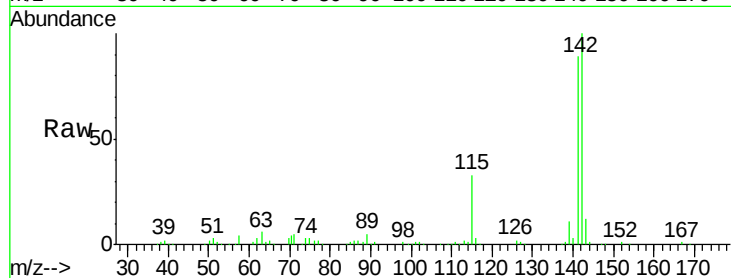
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

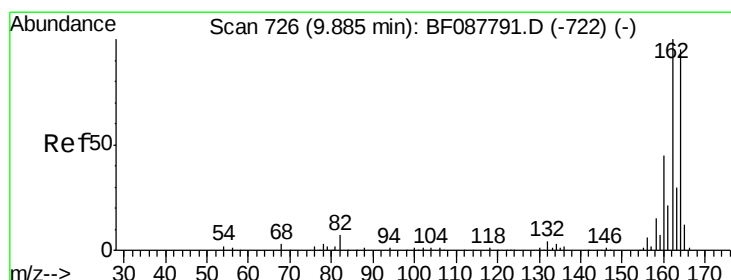
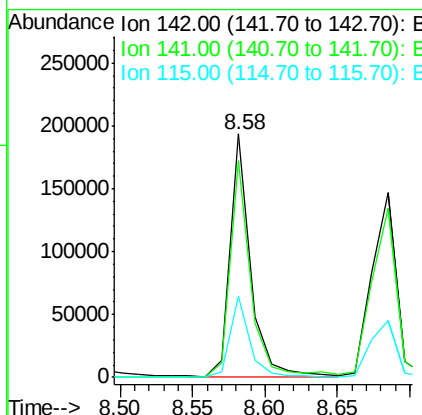
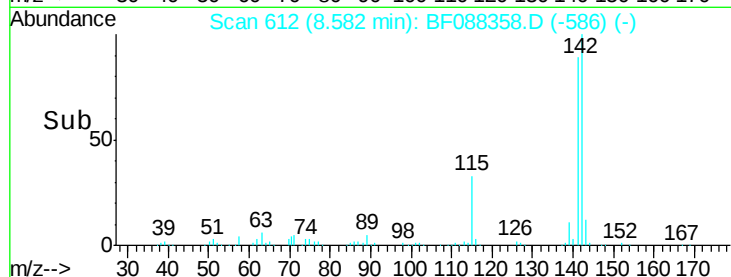
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Tgt Ion:	142	Resp:	190476
Ion Ratio		Lower	Upper
142	100		
141	89.1	71.0	106.6
115	33.1	22.6	33.8

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#38

Acenaphthene-d10

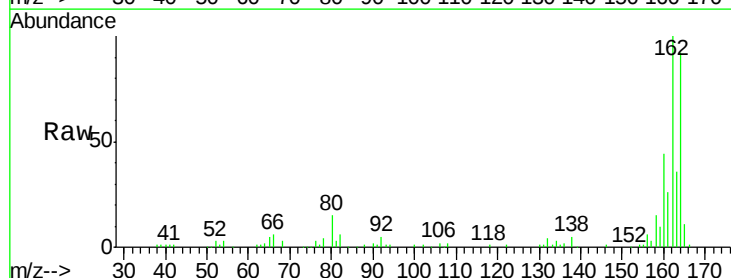
Concen: 20.00 ng

RT: 9.62 min Scan# 703

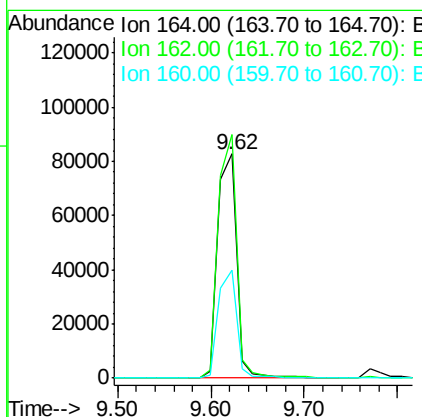
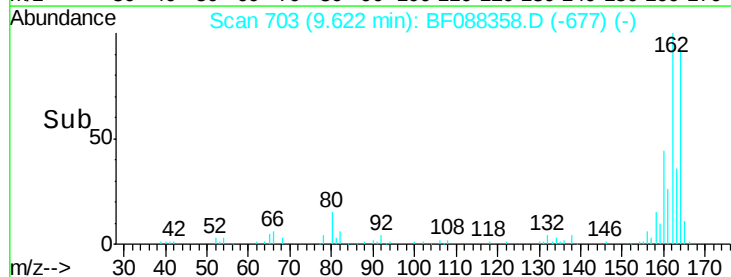
Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51



Tgt Ion:	164	Resp:	116856
Ion Ratio		Lower	Upper
164	100		
162	108.6	85.4	128.2
160	48.3	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.10 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 216 Resp: 79452
Ion Ratio Lower Upper

216 100

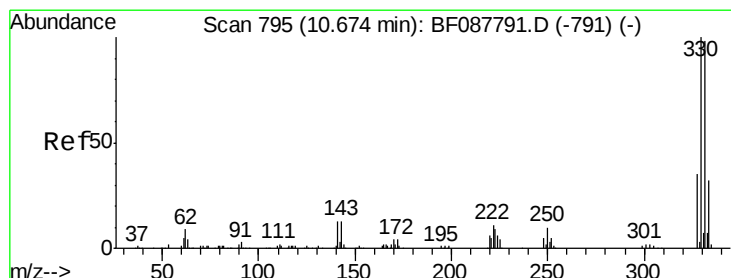
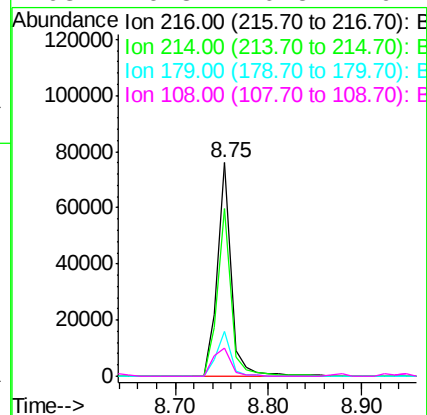
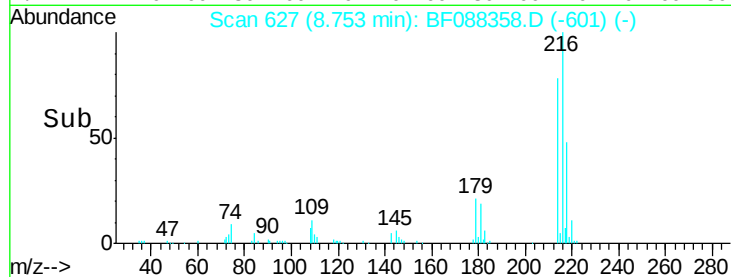
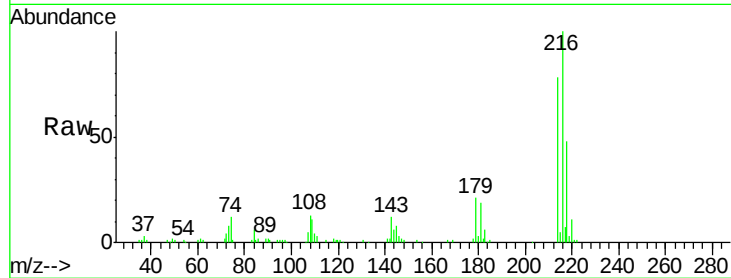
214 78.0 2.9 4.3#

179 21.2 0.0 0.0#

108 16.8 0.5 0.7#

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#41

2,4,6-Tribromophenol

Concen: 95.18 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF088358.D

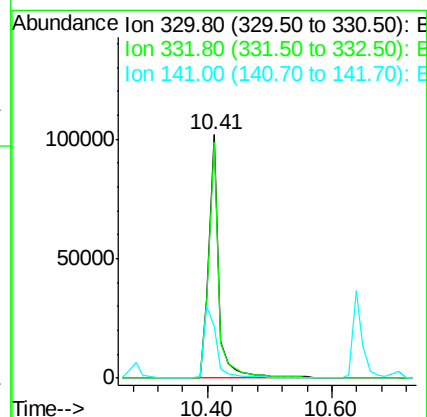
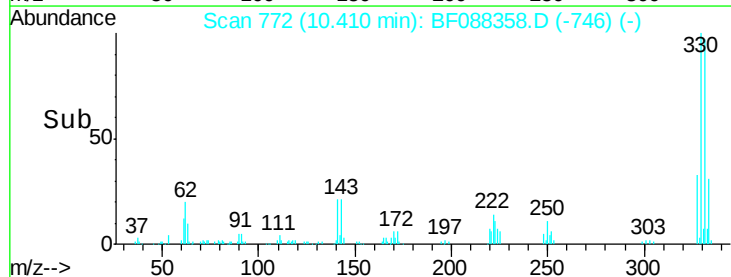
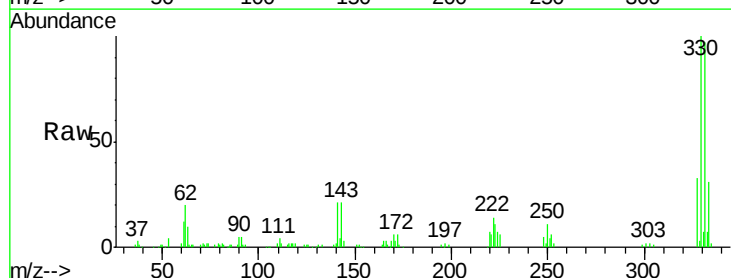
Acq: 25 Jun 2016 4:51

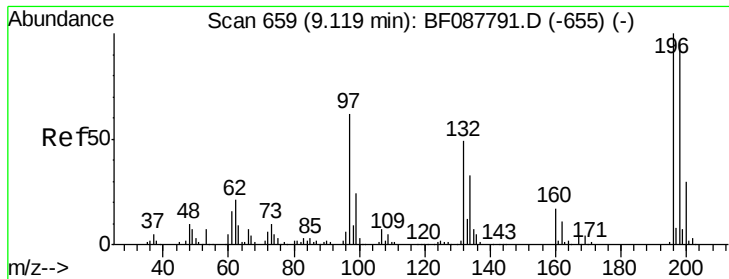
Tgt Ion: 330 Resp: 117443
Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

141 36.9 0.0 0.0#





#42

2,4,6-Trichlorophenol

Concen: 19.63 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF088358.D

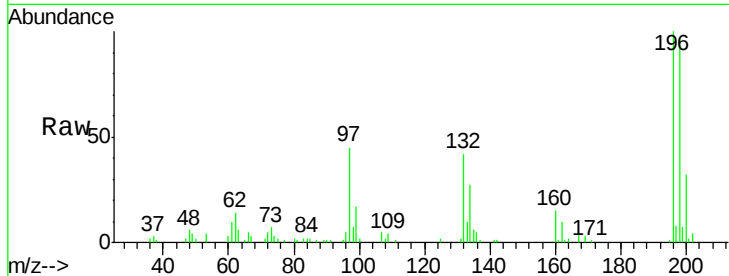
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

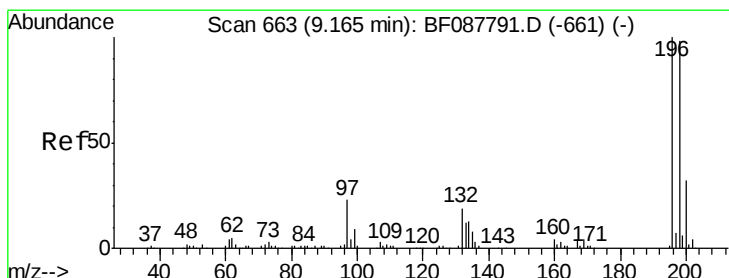
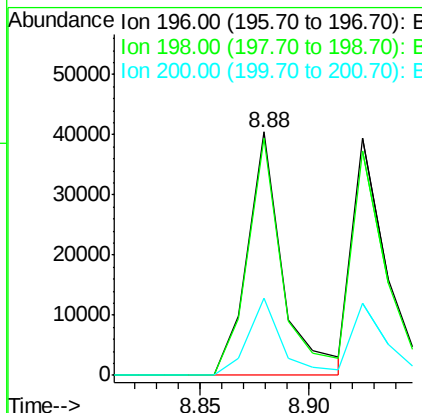
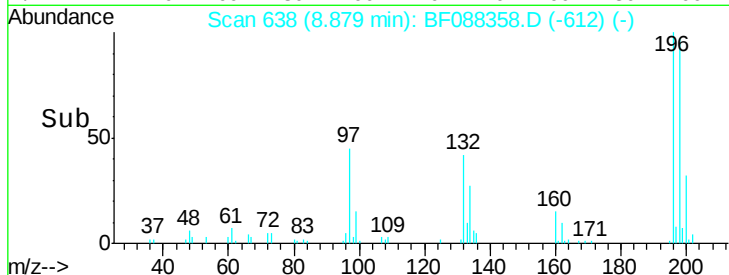
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Tgt Ion:	196	Resp:	45878
Ion Ratio	Lower	Upper	
196	100		
198	97.2	78.0	117.0
200	31.7	25.4	38.2

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#43

2,4,5-Trichlorophenol

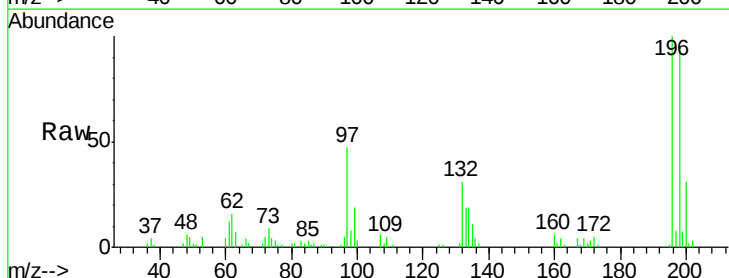
Concen: 21.22 ng

RT: 8.92 min Scan# 642

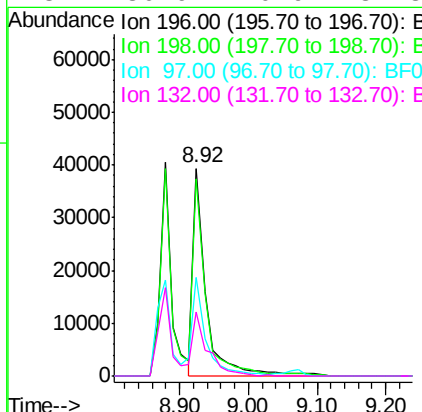
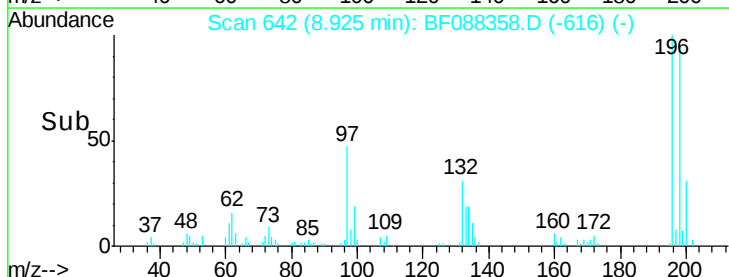
Delta R.T. -0.00 min

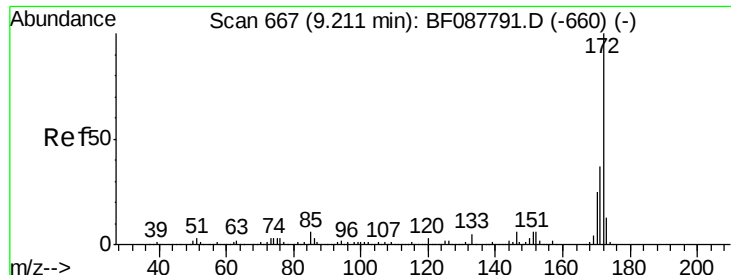
Lab File: BF088358.D

Acq: 25 Jun 2016 4:51



Tgt Ion:	196	Resp:	51584
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.5	116.3
97	47.4	32.0	48.0
132	30.9	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 87.63 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF088358.D

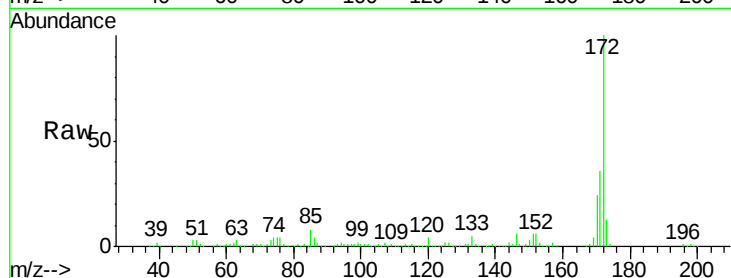
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

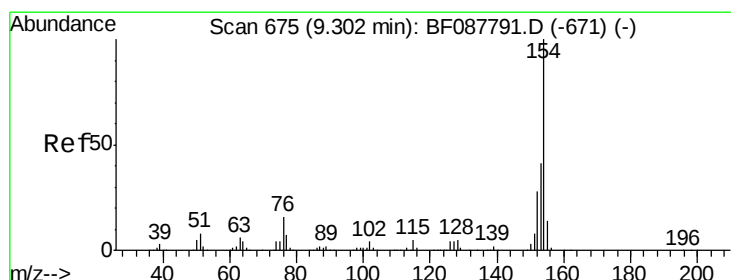
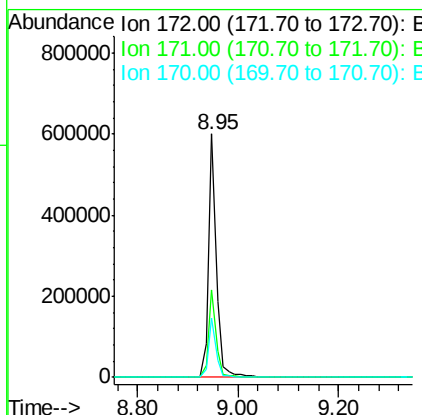
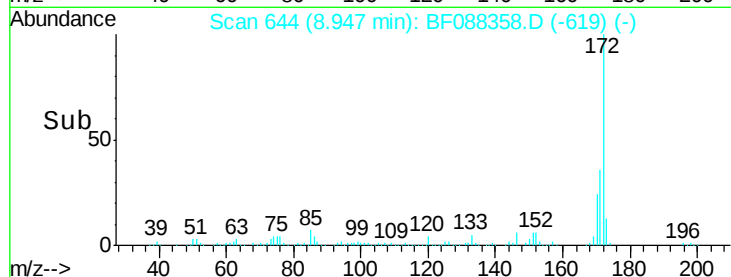
PB91593BS



Tgt Ion:	172	Resp:	650547
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	43.0
170	24.2	19.2	28.8

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#45

1,1'-Biphenyl

Concen: 24.14 ng

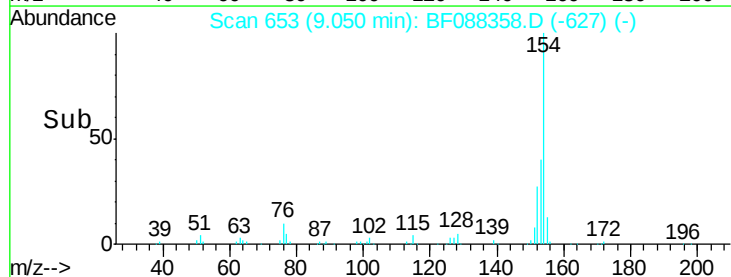
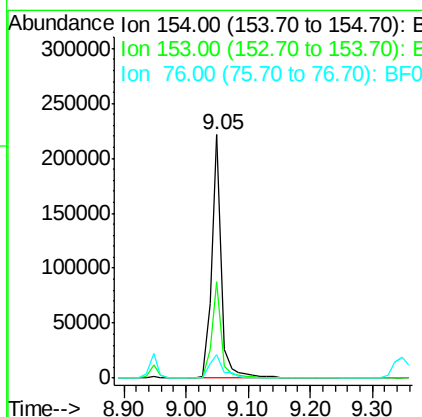
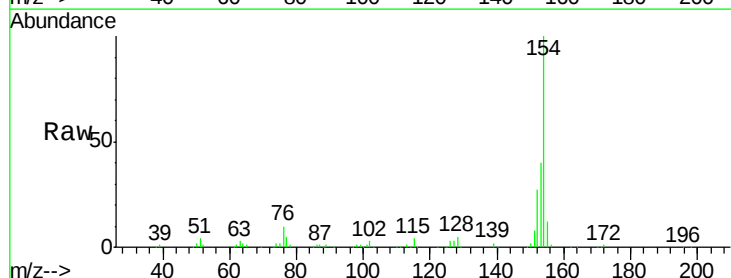
RT: 9.05 min Scan# 653

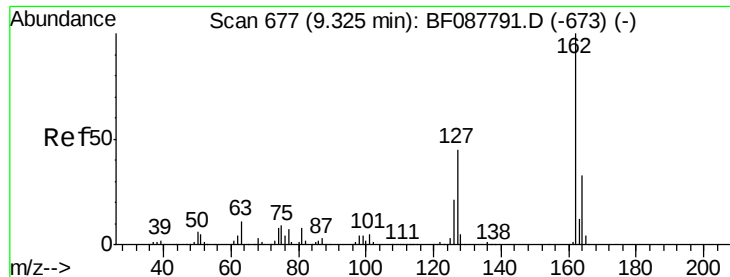
Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion:	154	Resp:	236996
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.6	60.6
76	9.5	0.0	35.1





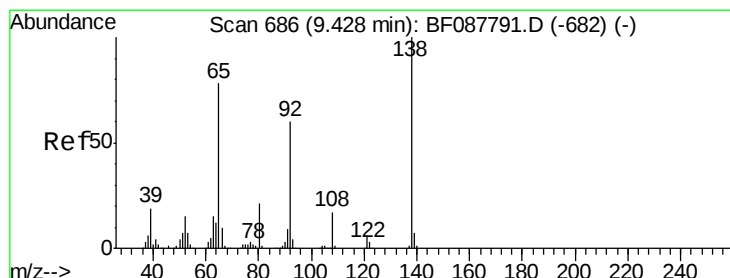
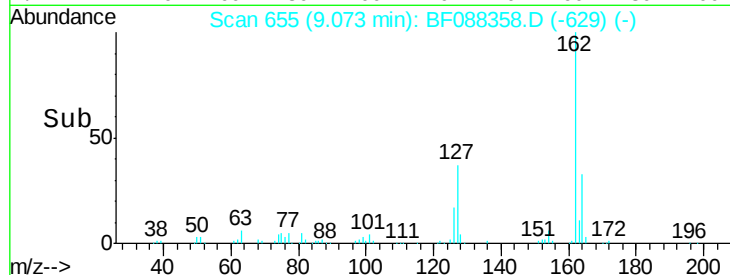
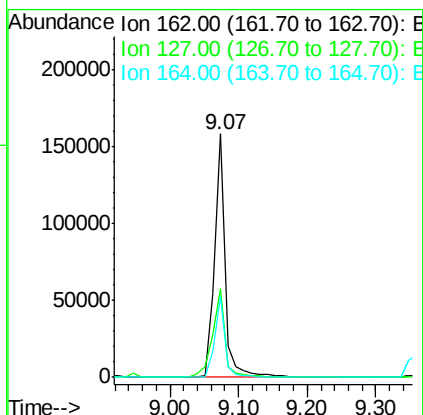
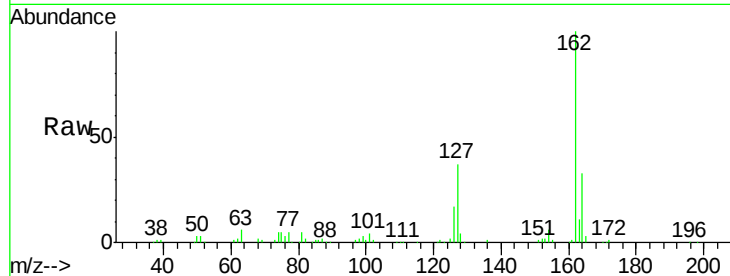
#46
2-Chloronaphthalene
Concen: 23.16 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	36.6	35.2	52.8
164	33.0	26.6	39.8

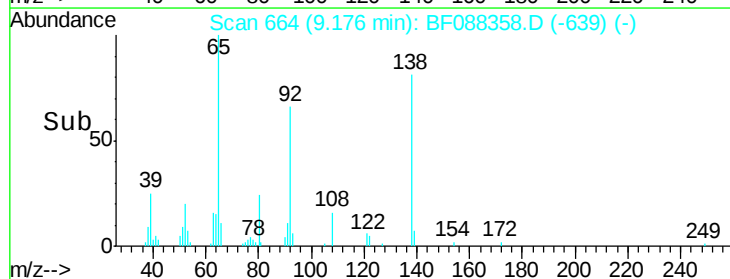
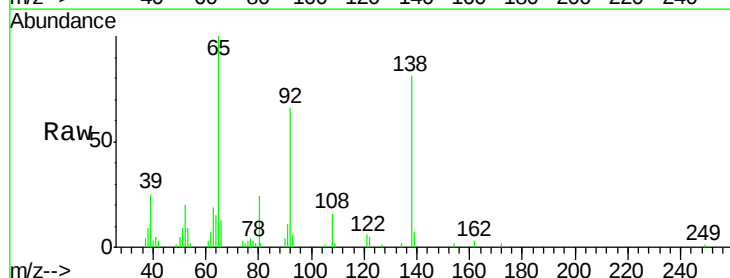
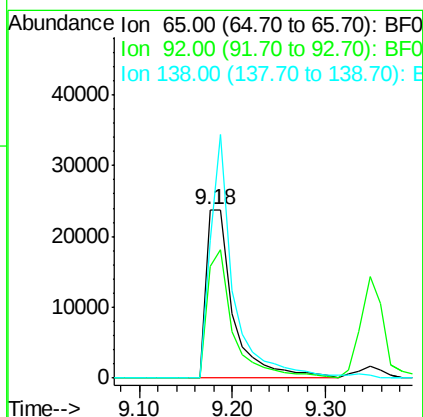
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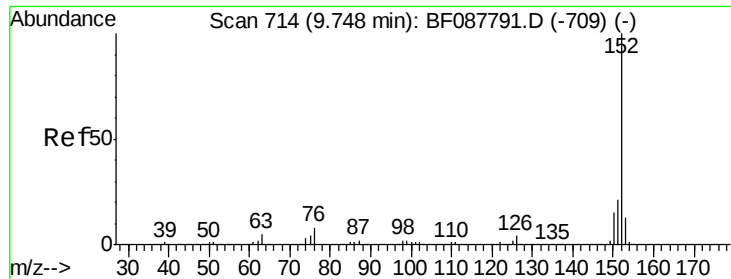
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#47
2-Nitroaniline
Concen: 21.70 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	66.1	54.6	82.0
138	81.4	77.0	115.4





#48

Acenaphthylene

Concen: 21.33 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF088358.D

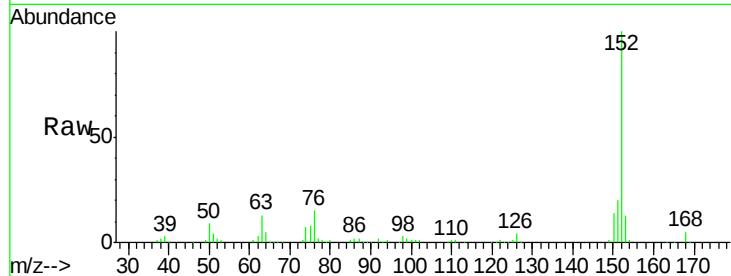
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

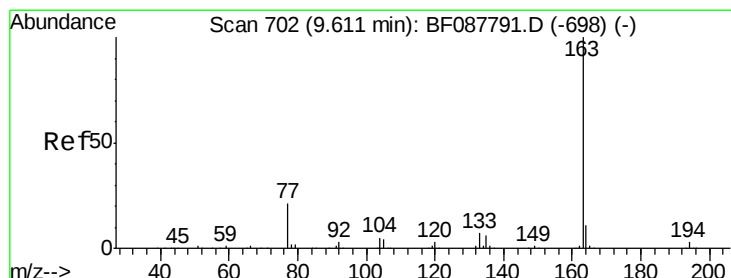
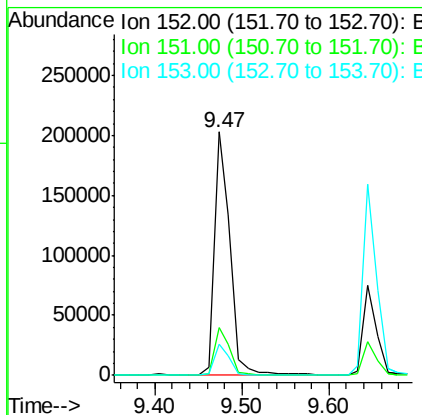
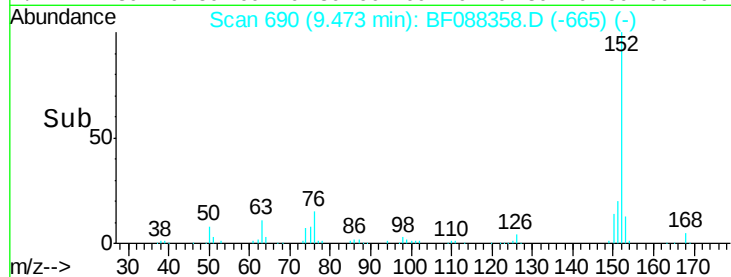
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.0	11.0	16.6

Manual Integrations
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#49

Dimethylphthalate

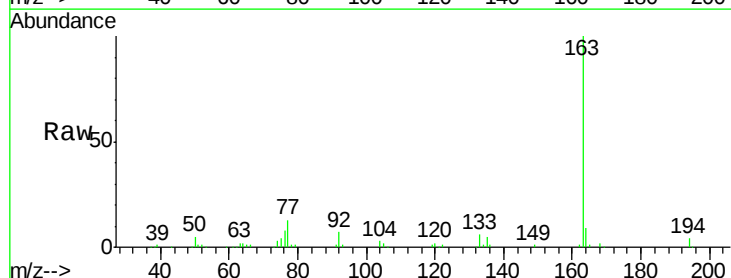
Concen: 23.81 ng

RT: 9.36 min Scan# 680

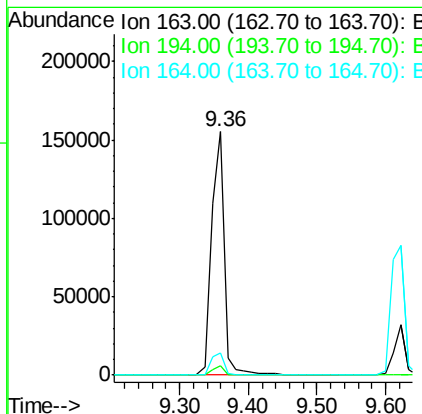
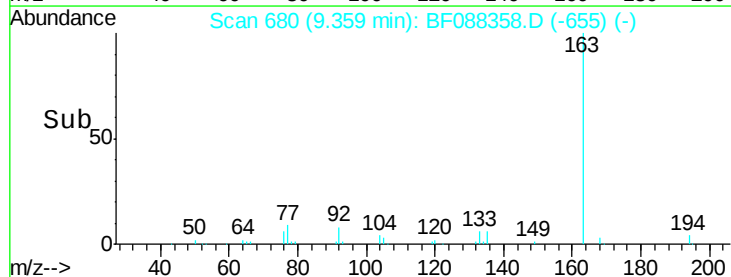
Delta R.T. -0.01 min

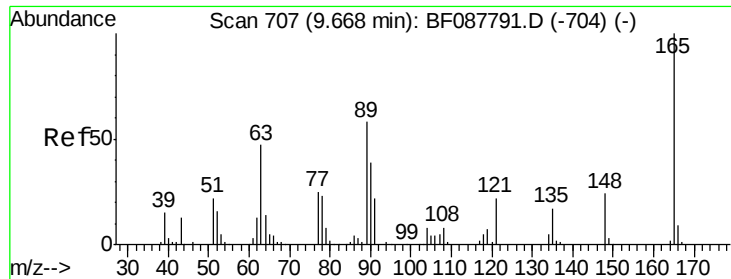
Lab File: BF088358.D

Acq: 25 Jun 2016 4:51



Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.3	8.3	12.5





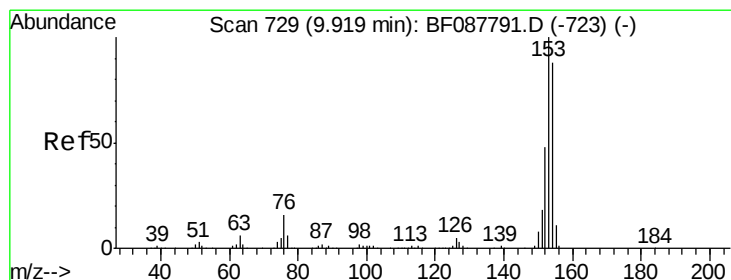
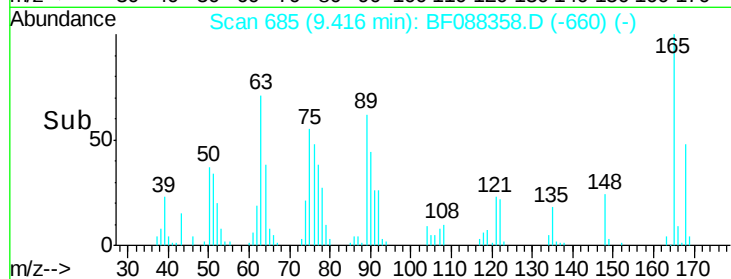
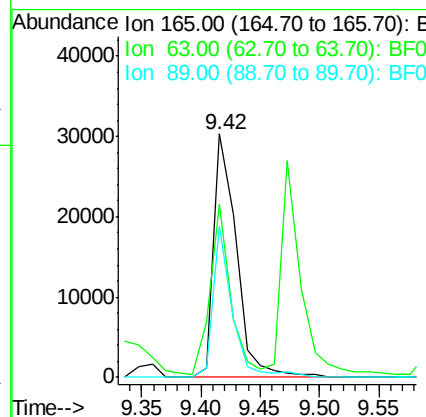
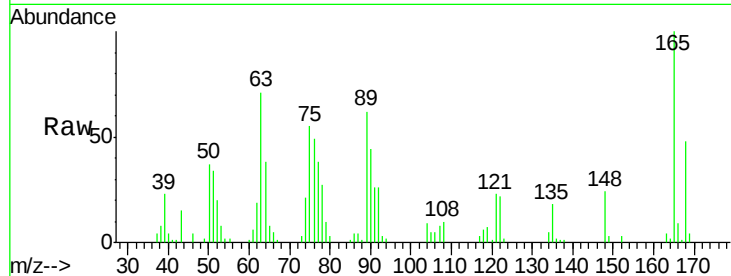
#50
2,6-Dinitrotoluene
Concen: 20.81 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	71.0	28.1	42.1#
89	62.1	32.2	48.2#

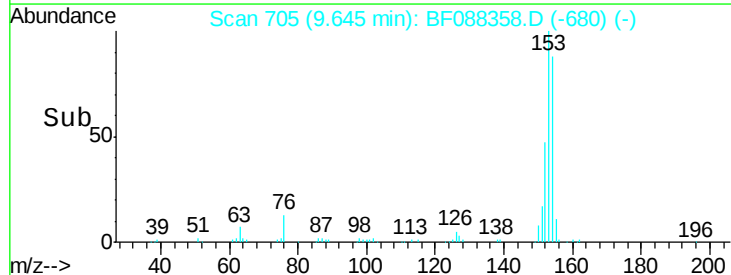
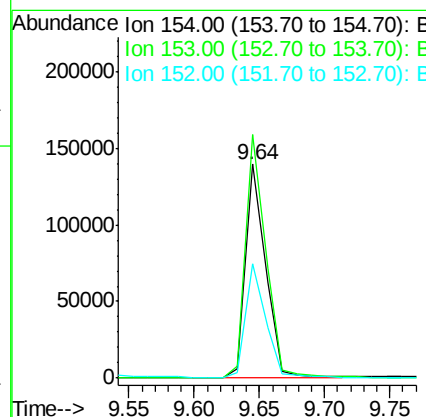
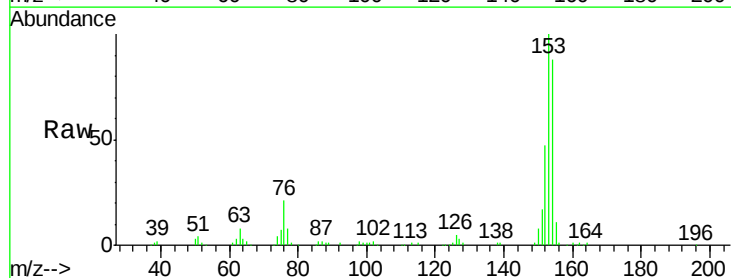
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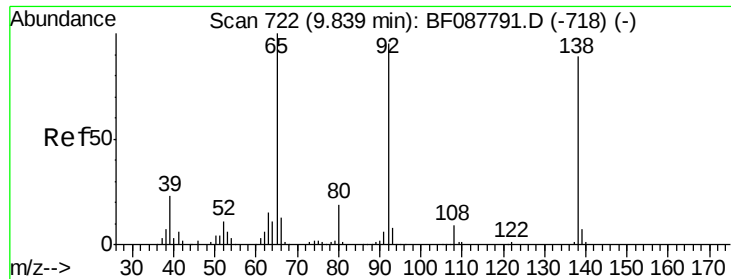
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#51
Acenaphthene
Concen: 19.97 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.0	89.5	134.3
152	53.5	42.7	64.1





#52

3-Nitroaniline

Concen: 15.29 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampled :

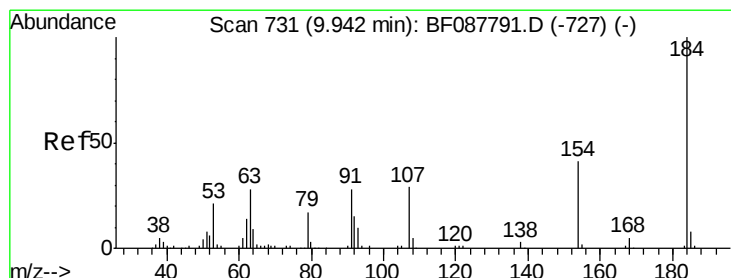
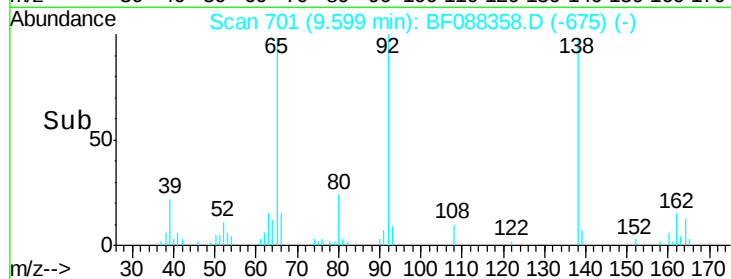
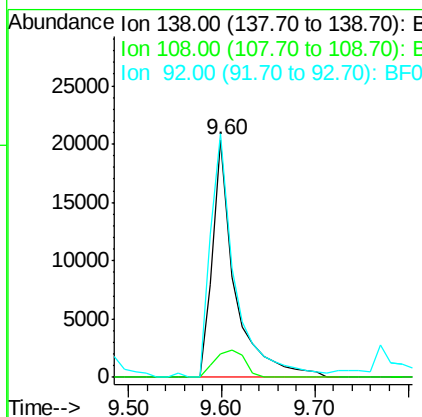
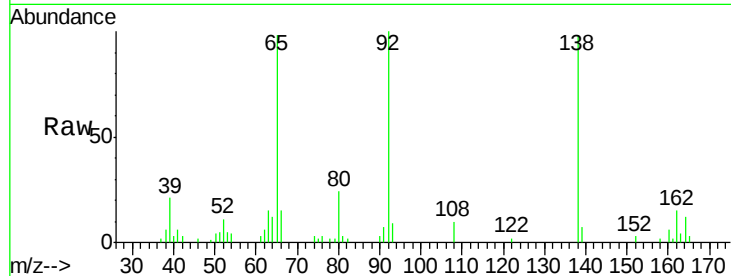
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Tgt Ion:	138	Resp:	34209
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.5	12.7
92	102.4	95.7	143.5



#53

2,4-Dinitrophenol

Concen: 6.84 ng

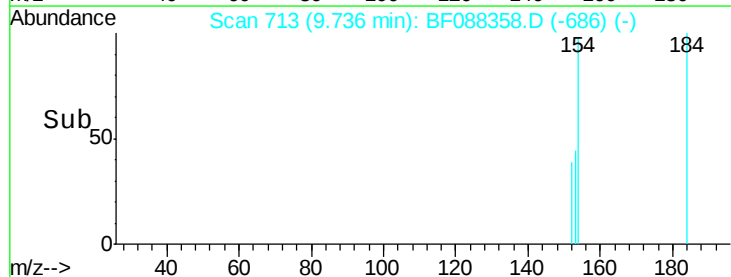
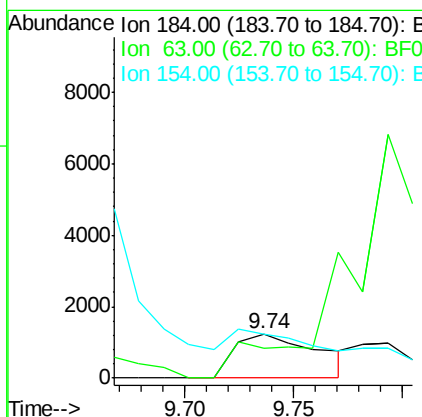
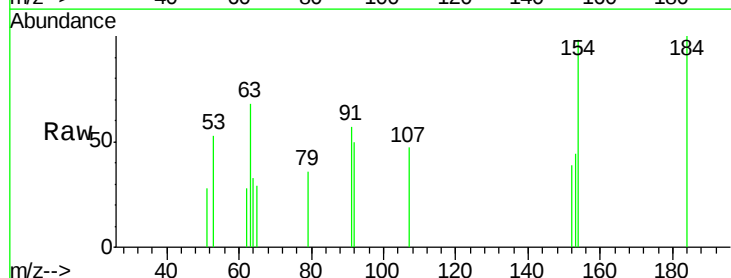
RT: 9.74 min Scan# 713

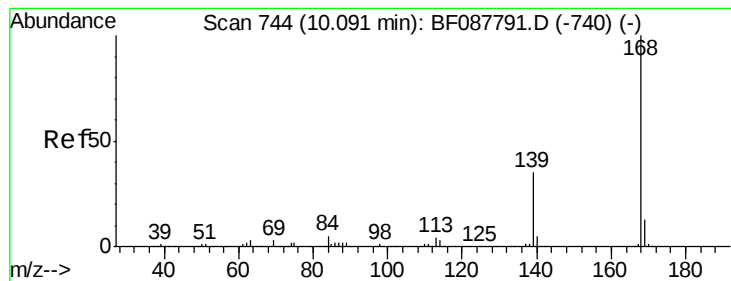
Delta R.T. 0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion:	184	Resp:	3291
Ion Ratio	Lower	Upper	
184	100		
63	68.1	57.6	86.4
154	98.4	53.5	80.3#





#54

Dibenzofuran

Concen: 21.78 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF088358.D

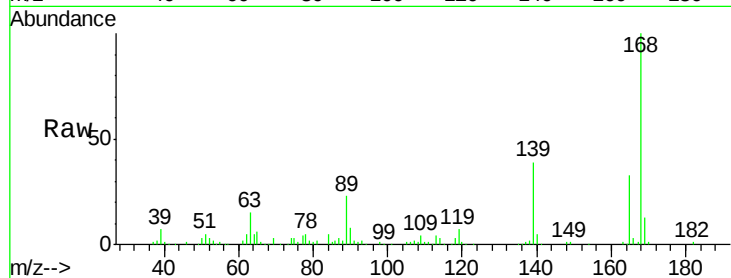
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS



Tgt Ion:168 Resp: 225071

Ion Ratio Lower Upper

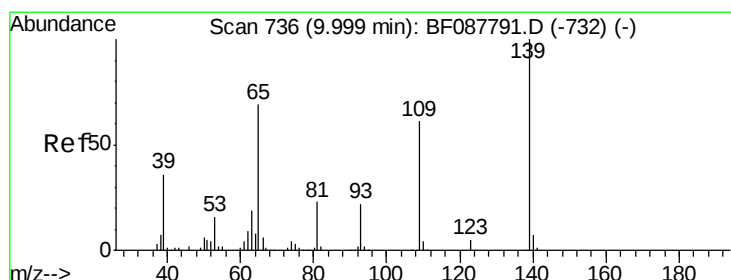
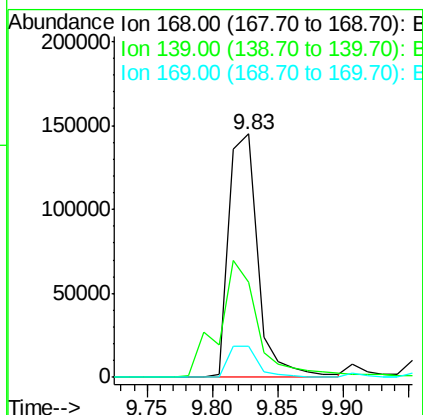
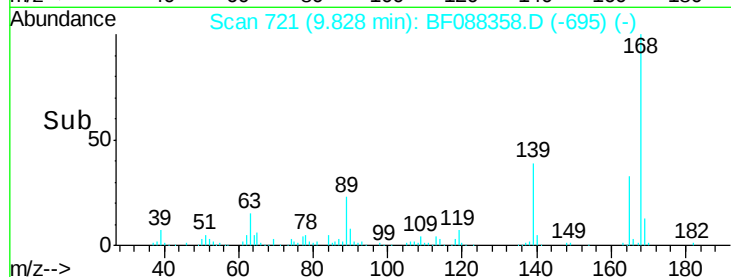
168 100

139 39.1 26.4 39.6

169 12.8 10.4 15.6

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#55

4-Nitrophenol

Concen: 18.71 ng m

RT: 9.79 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

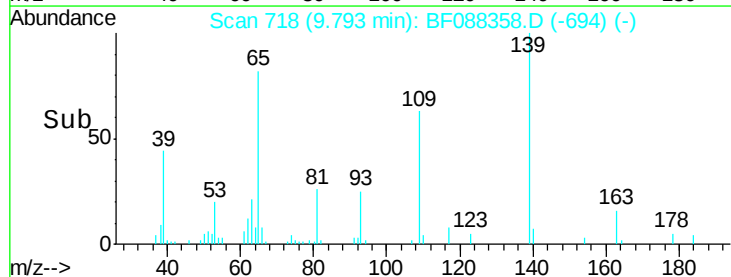
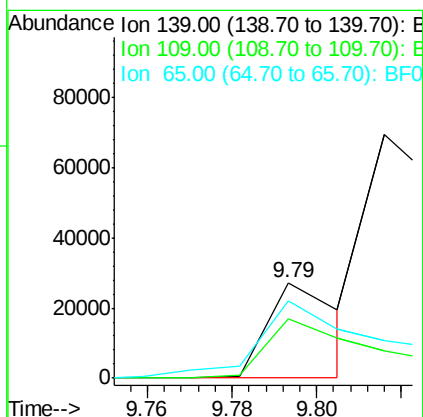
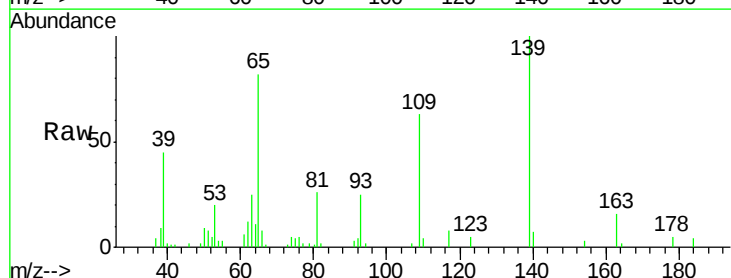
Tgt Ion:139 Resp: 32476

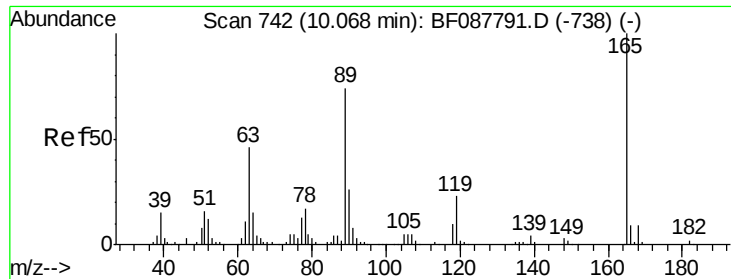
Ion Ratio Lower Upper

139 100

109 62.6 48.9 88.9

65 81.6 84.9 124.9#





#56

2,4-Dinitrotoluene

Concen: 21.37 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF088358.D

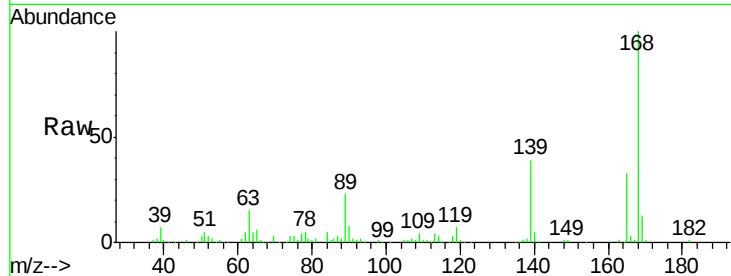
Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

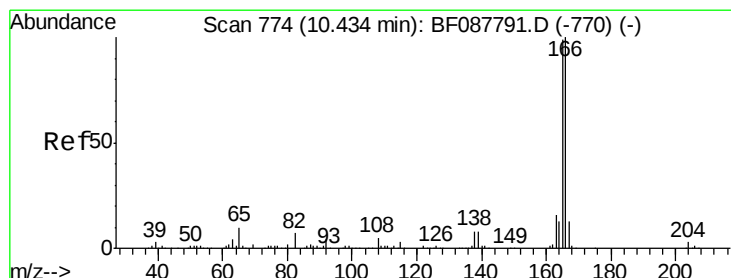
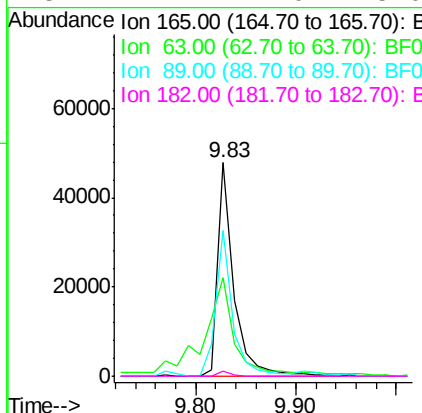
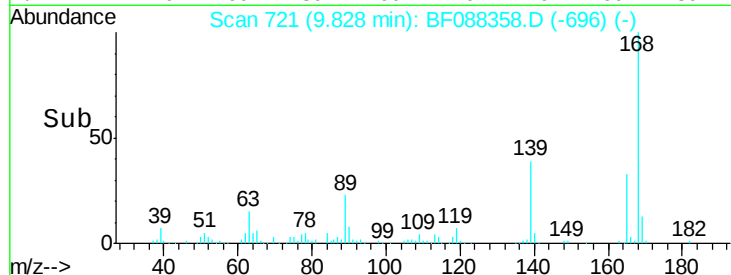
PB91593BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	53252		
63	46.4	22.0	33.0#	
89	68.4	41.1	61.7#	
182	2.4	2.0	3.0	

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#57

Fluorene

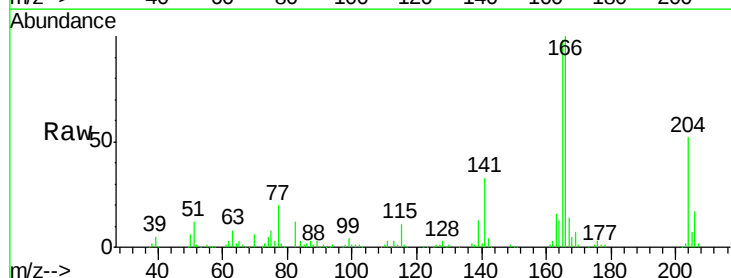
Concen: 22.86 ng

RT: 10.16 min Scan# 750

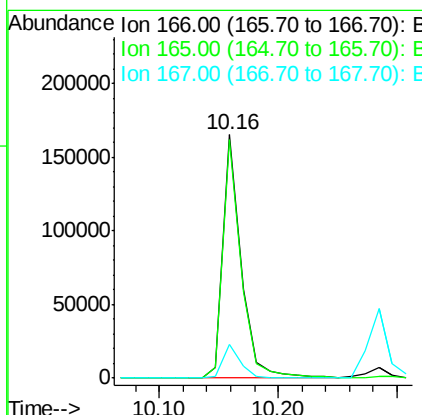
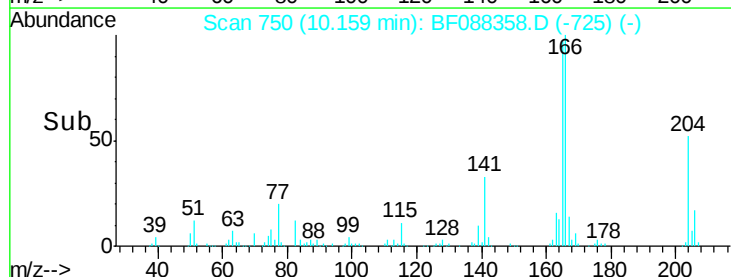
Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	176229		
165	97.7	77.8	116.8	
167	13.6	11.2	16.8	





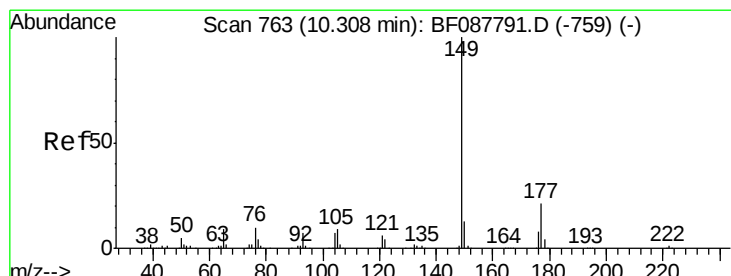
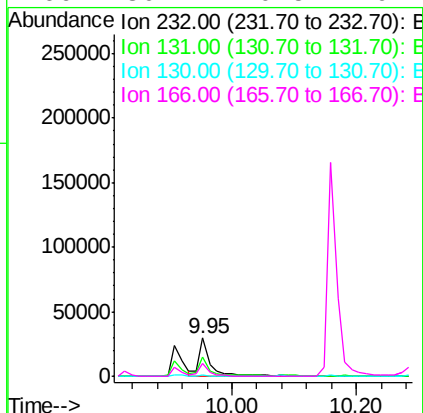
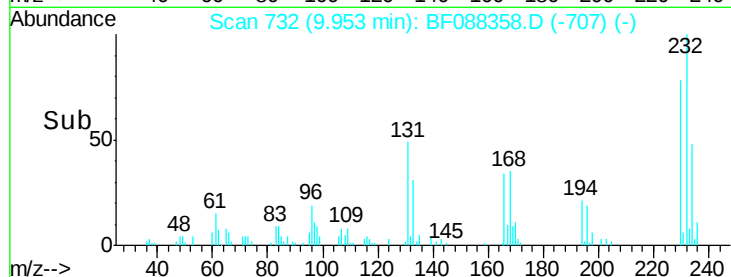
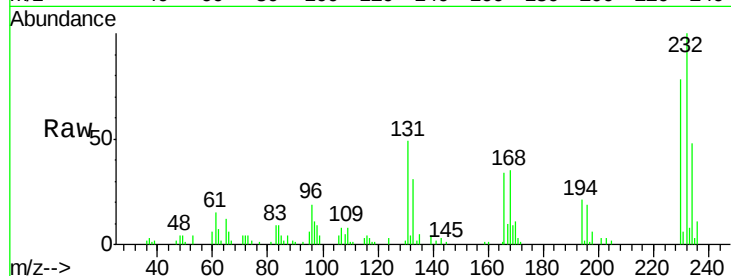
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 20.83 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	44.6	0.9	1.3#
130	1.2	1.5	2.3#
166	30.2	0.5	0.7#

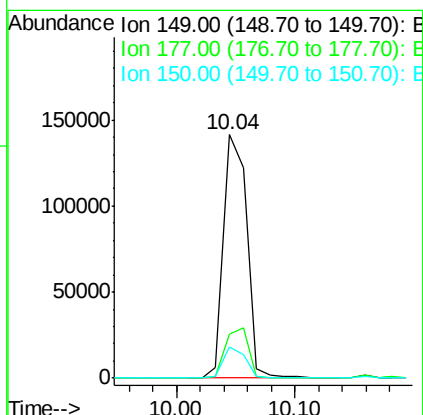
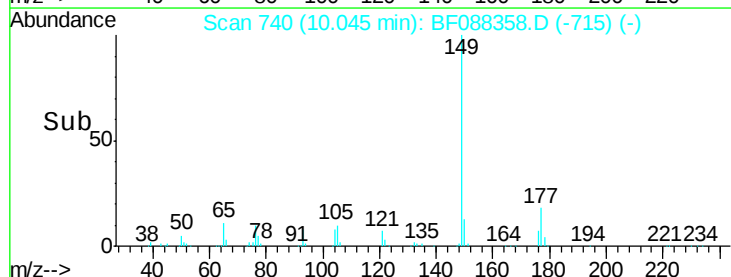
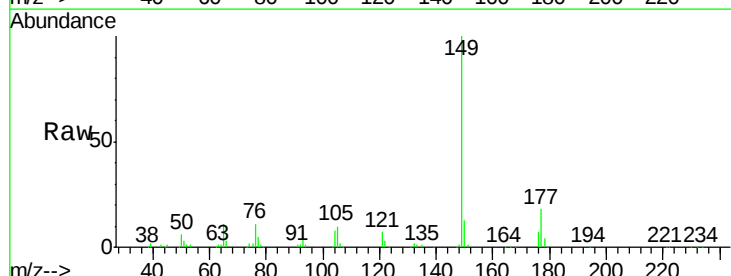
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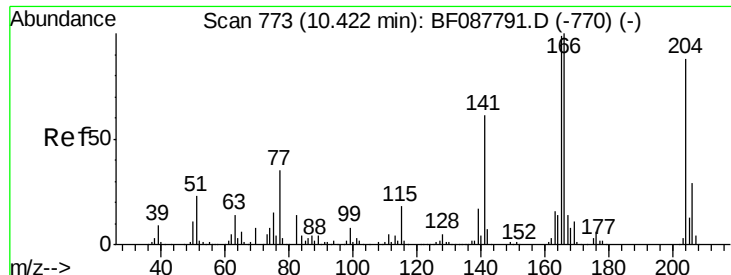
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#59
 Diethylphthalate
 Concen: 22.48 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	17.9	16.9	25.3
150	12.7	10.1	15.1





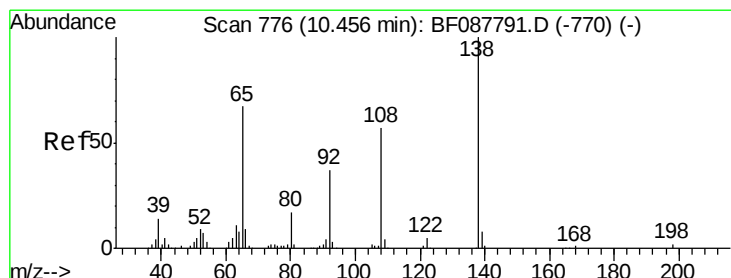
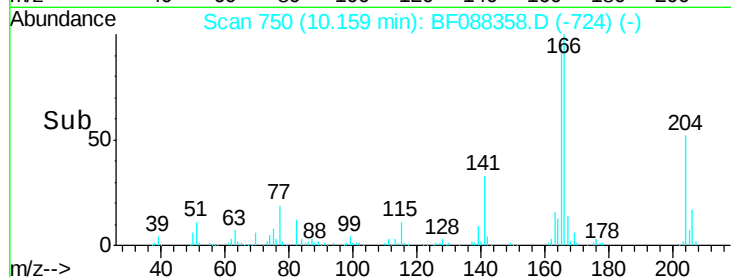
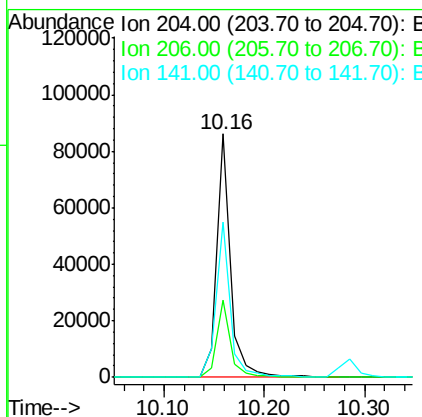
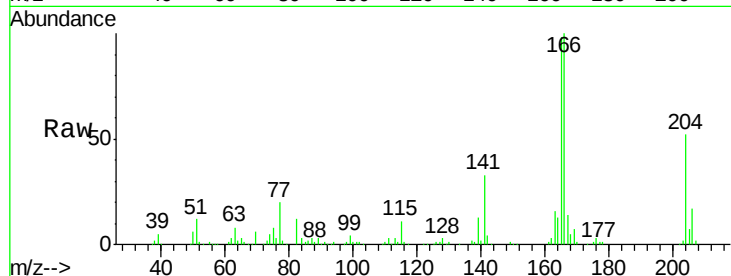
#60
 4-Chlorophenyl-phenylether
 Concen: 24.02 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:	204	Resp:	82532
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.3	39.5
141	64.0	55.0	82.6

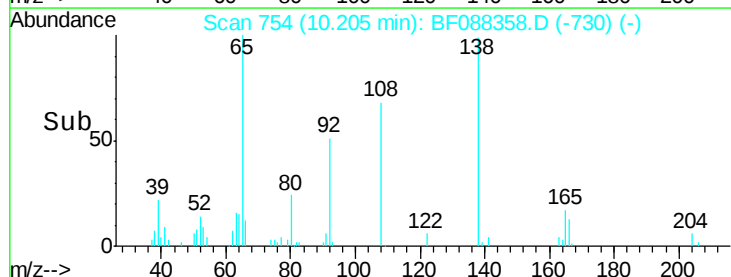
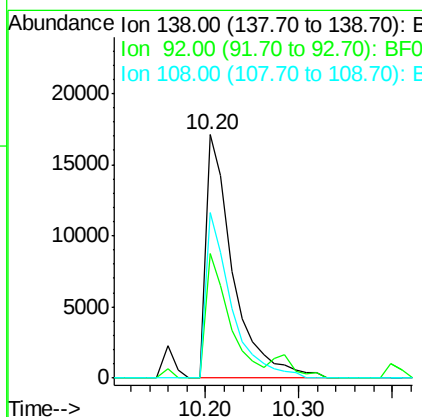
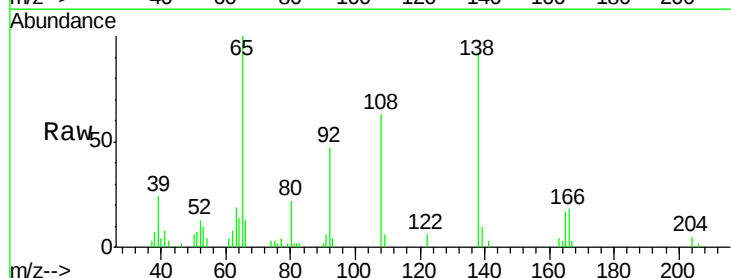
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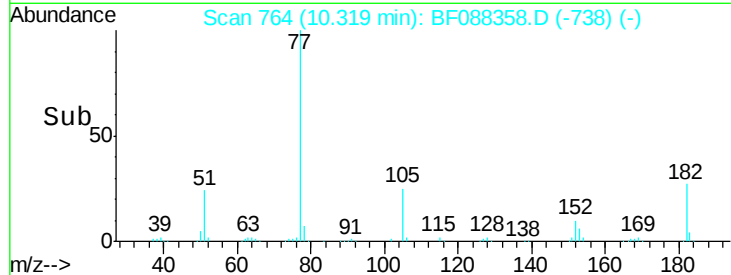
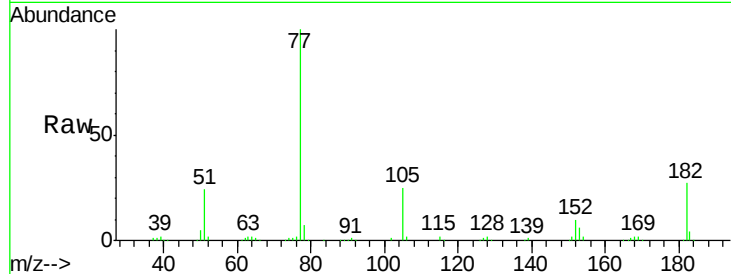
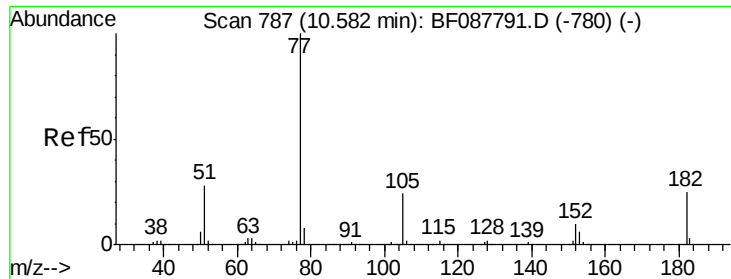
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#61
 4-Nitroaniline
 Concen: 16.29 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:	138	Resp:	34568
Ion Ratio	Lower	Upper	
138	100		
92	51.1	27.3	67.3
108	68.2	46.7	86.7





#62

Azobenzene

Concen: 22.39 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	189740		
182	27.0	4.4	44.4	
105	24.6	3.8	43.8	
51	24.4	9.3	49.3	

Instrument :

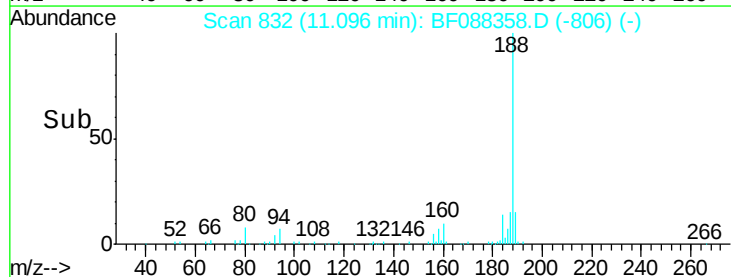
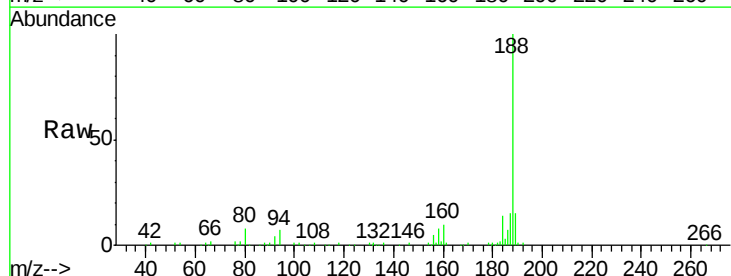
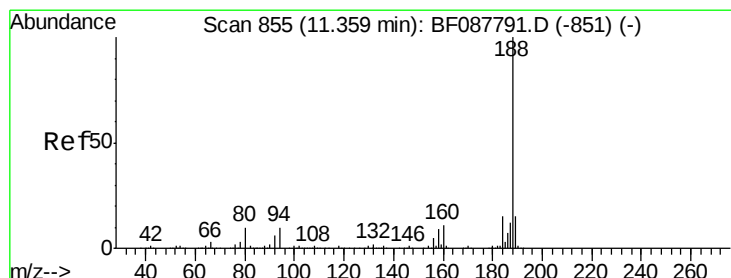
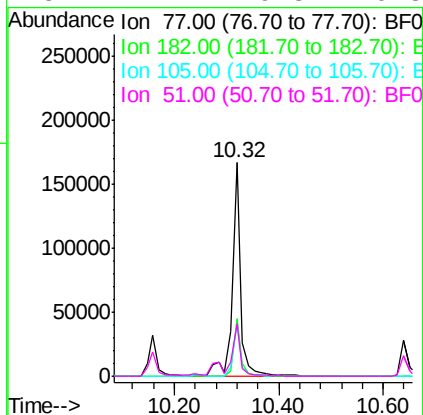
BNA_F

ClientSampleId :

PB91593BS

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#63

Phenanthrene-d10

Concen: 20.00 ng

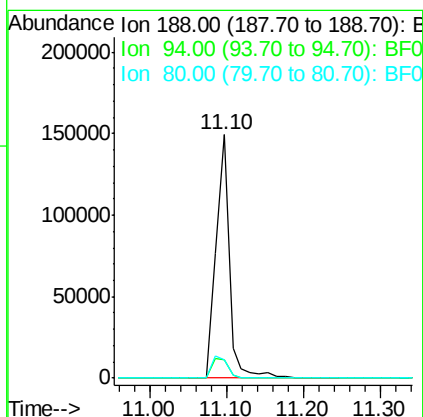
RT: 11.10 min Scan# 832

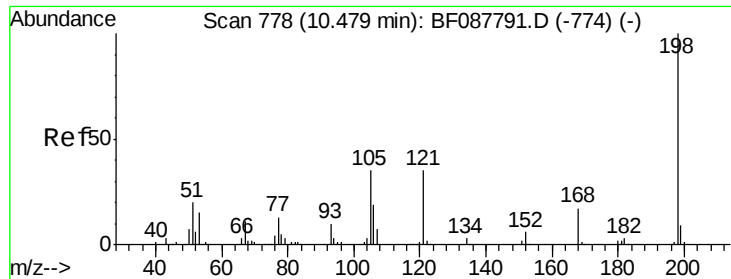
Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

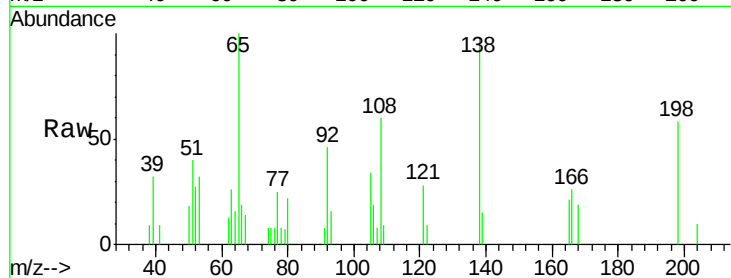
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	180451		
94	7.4	9.0	13.6#	
80	7.5	10.0	15.0#	





#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.73 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

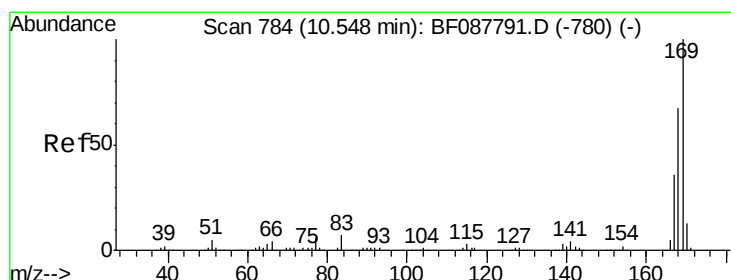
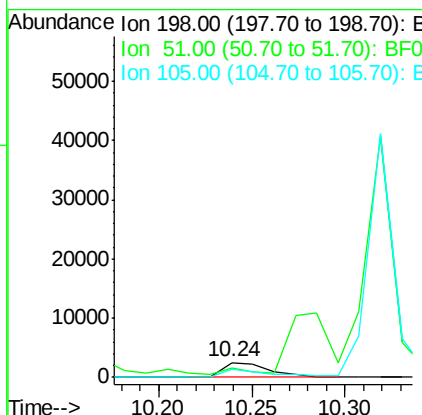
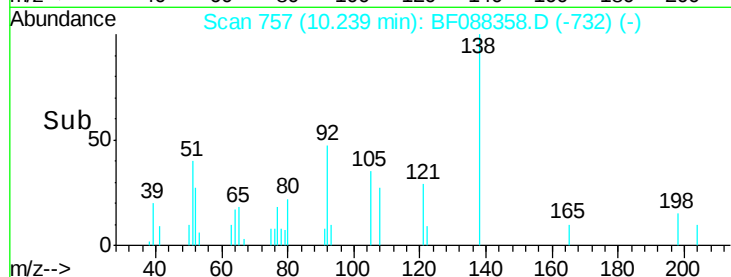
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS



Tgt Ion	Ratio	Lower	Upper
198	100		
51	67.5	39.6	79.6
105	58.6	36.6	76.6

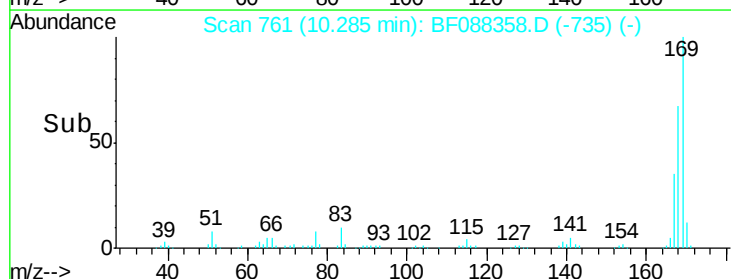
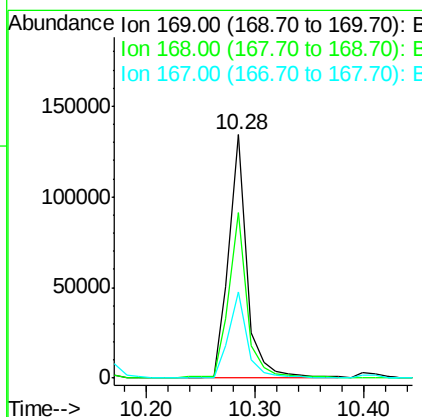
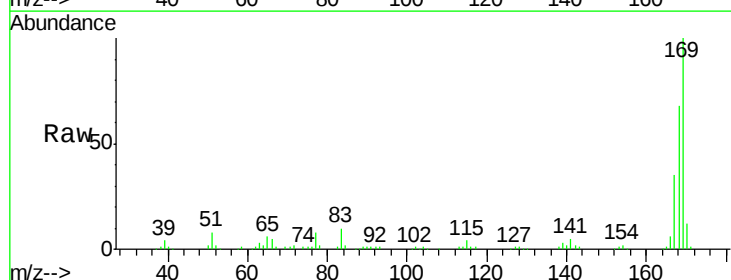
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#65
 n-Nitrosodiphenylamine
 Concen: 26.21 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.4	80.0
167	35.5	29.4	44.0





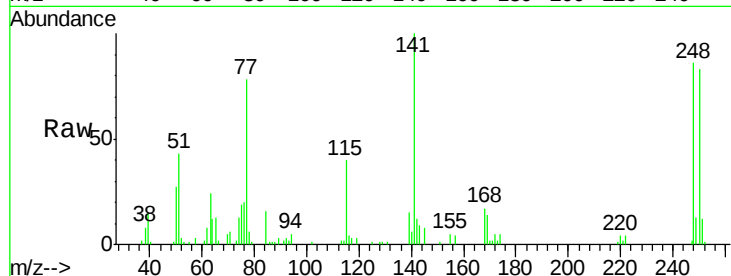
#66
4-Bromophenyl-phenylether
Concen: 23.57 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampled :
PB91593BS

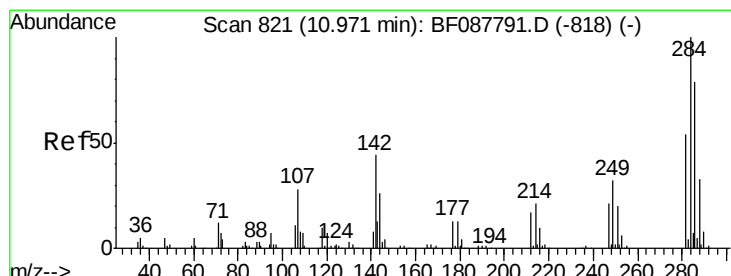
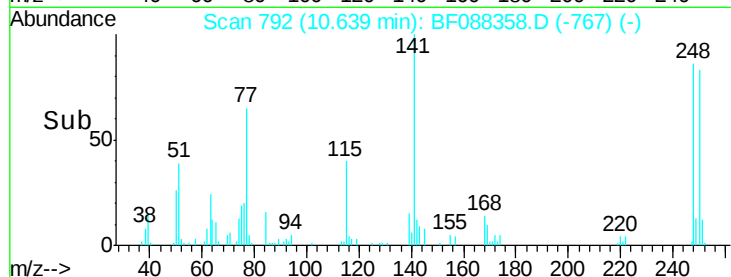
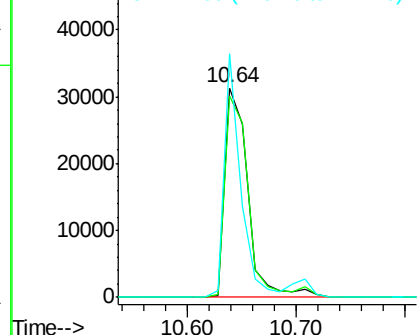
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	45623		
250	96.5	77.1	115.7	
141	116.4	50.6	76.0	

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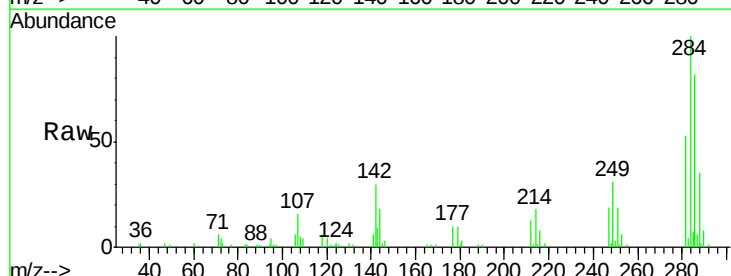


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

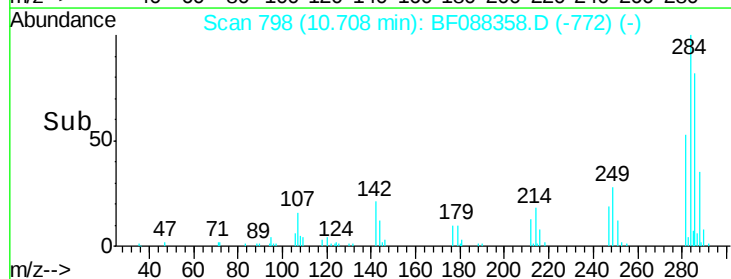
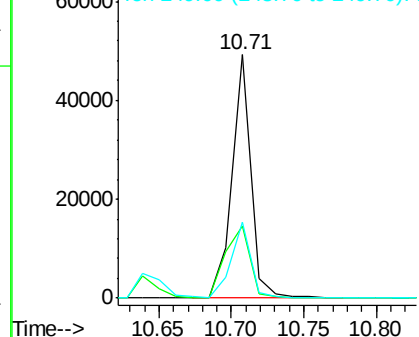


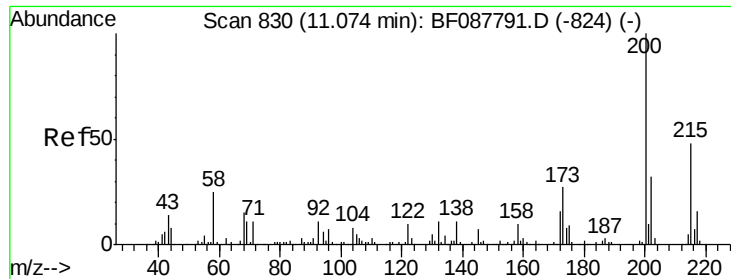
#67
Hexachlorobenzene
Concen: 22.16 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	44567		
142	29.8	35.8	53.8	
249	31.1	25.8	38.6	



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





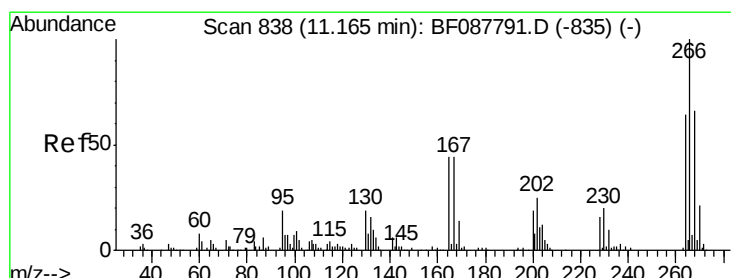
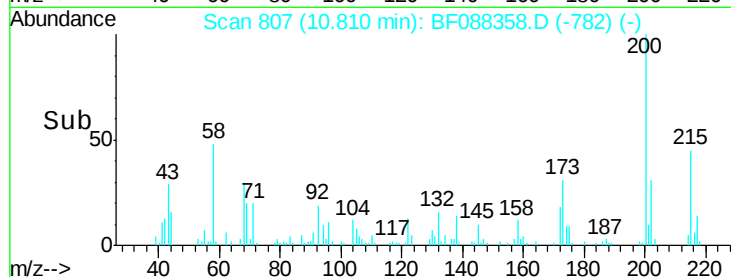
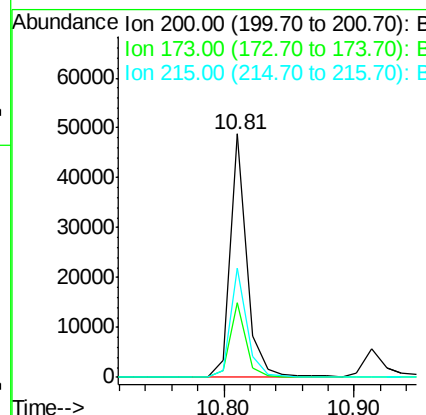
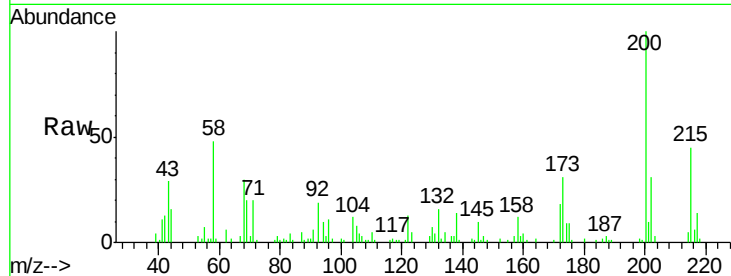
#68
Atrazine
Concen: 24.15 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	43784		
173	30.7	4.0	44.0	
215	45.1	29.3	69.3	

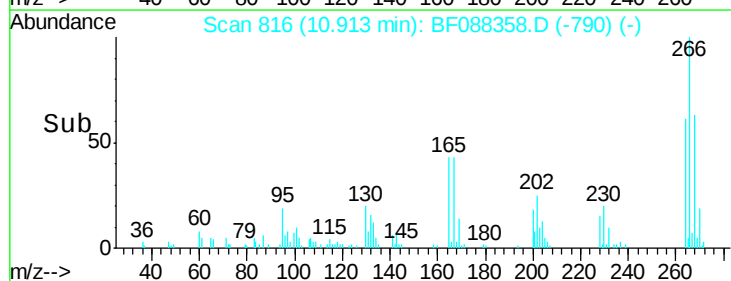
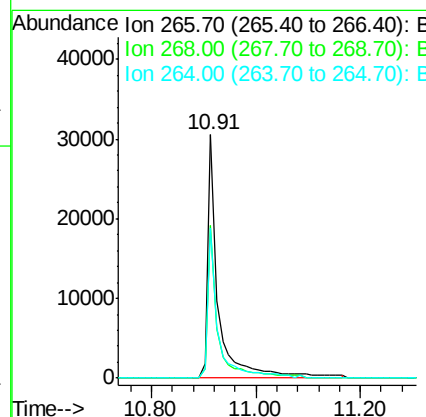
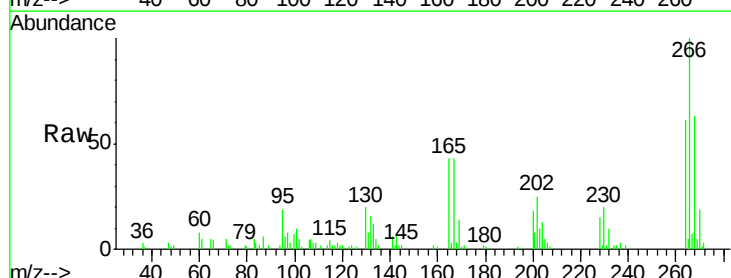
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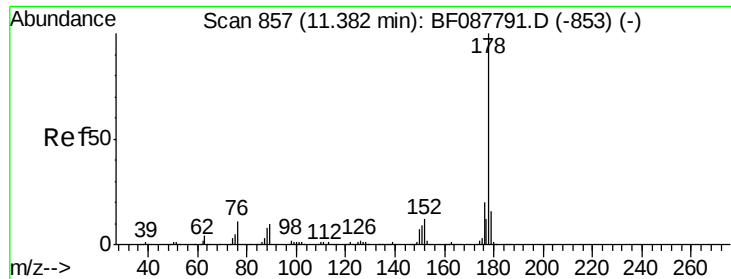
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#69
Pentachlorophenol
Concen: 41.53 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	44029		
268	62.5	52.8	79.2	
264	61.5	49.6	74.4	





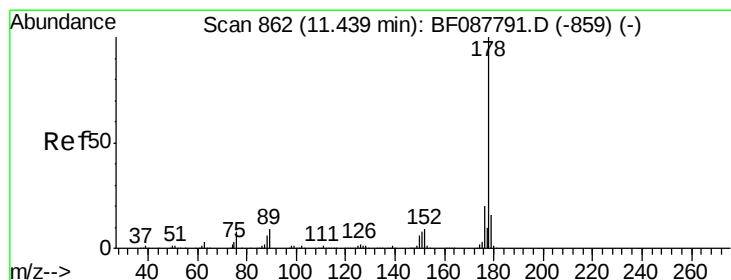
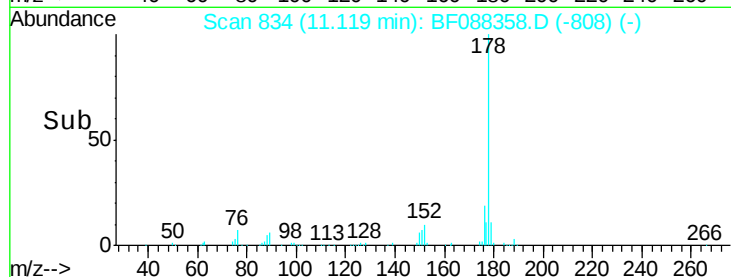
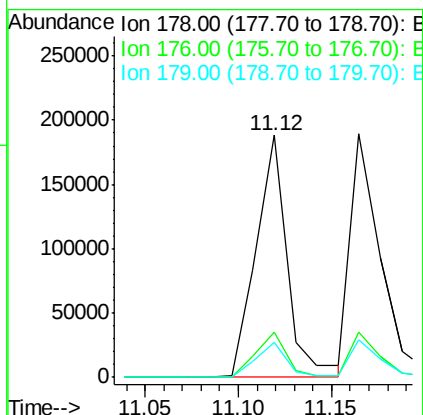
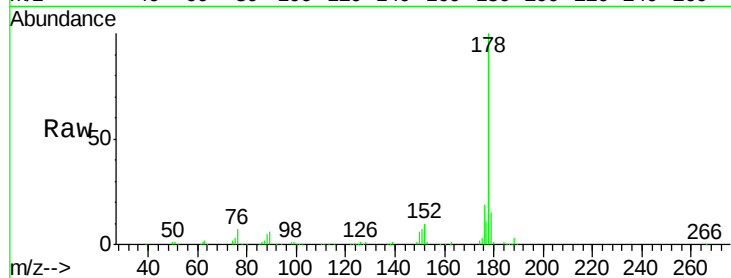
#70
Phenanthrene
Concen: 23.03 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	14.7	13.0	19.4

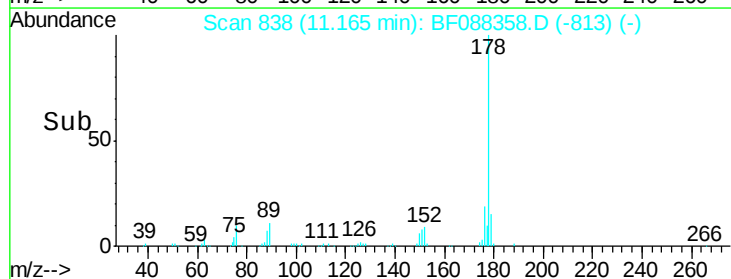
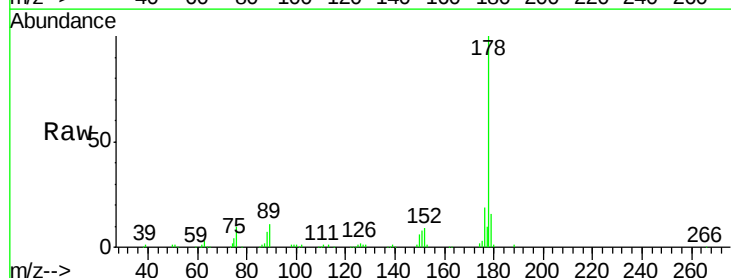
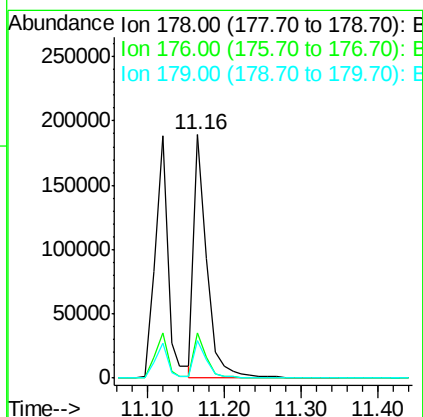
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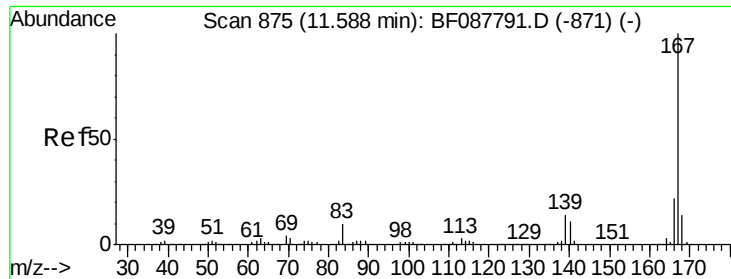
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#71
Anthracene
Concen: 23.51 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.6	12.8	19.2





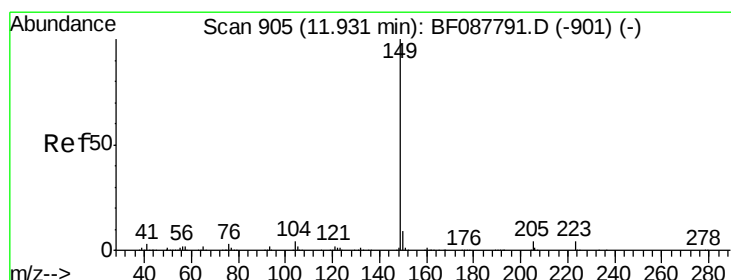
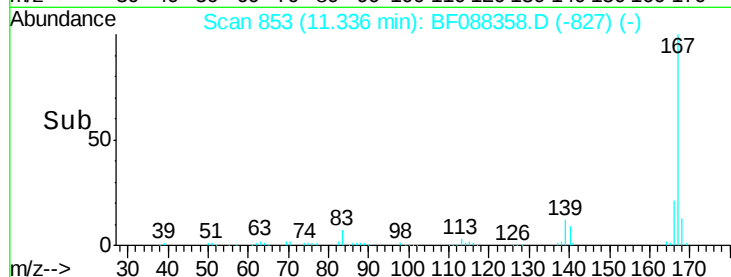
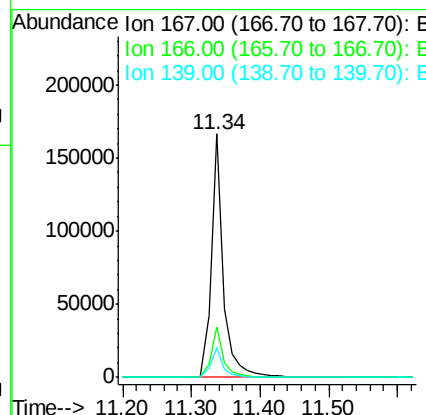
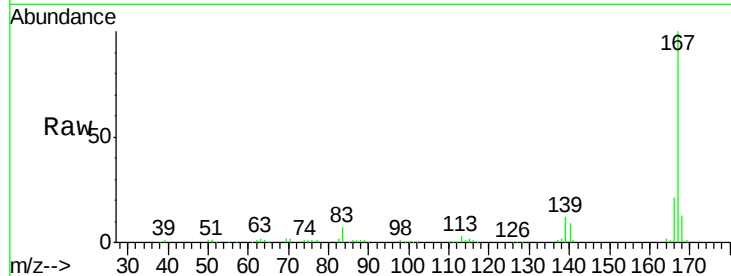
#72
 Carbazole
 Concen: 22.61 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.8	26.6
139	12.0	11.2	16.8

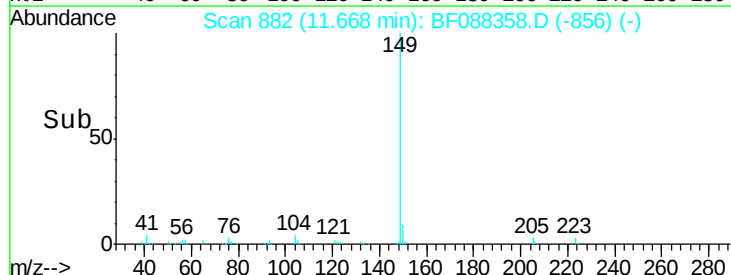
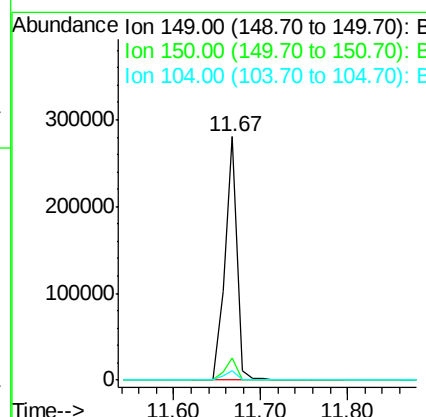
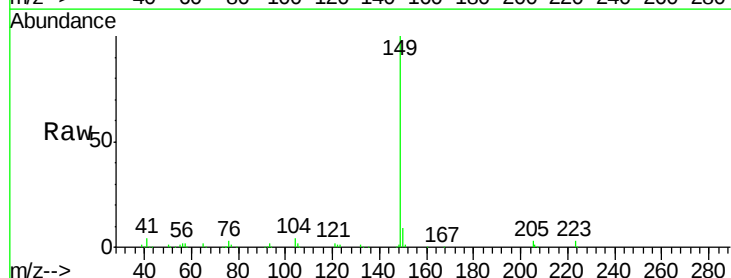
Manual Integrations
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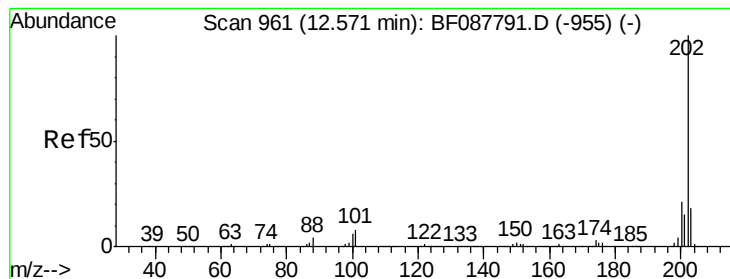
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#73
 Di-n-butylphthalate
 Concen: 24.31 ng
 RT: 11.67 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	3.8	4.0	6.0#





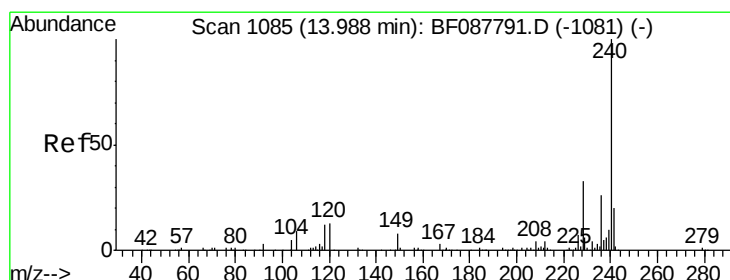
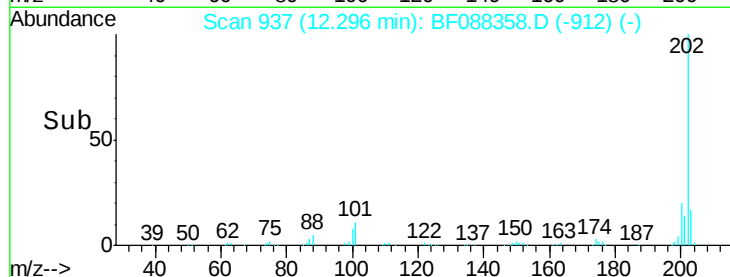
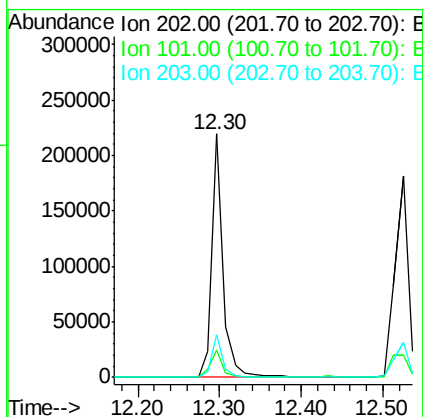
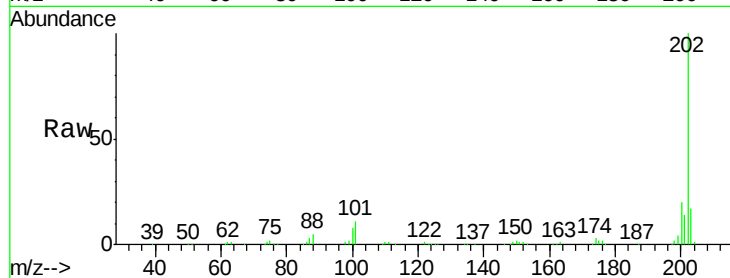
#74
Fluoranthene
 Concen: 21.41 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	0.0	33.1
203	17.3	0.0	38.1

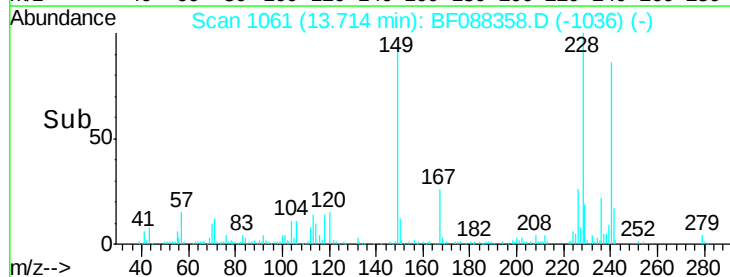
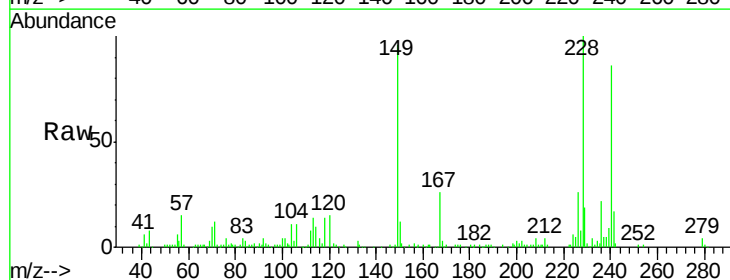
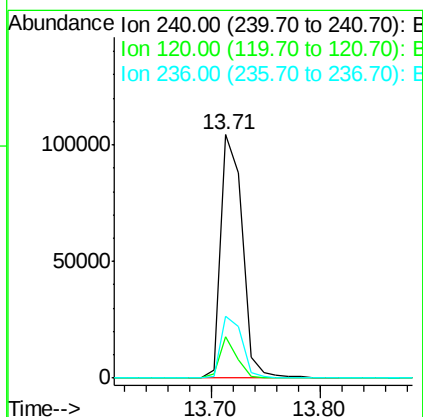
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	17.0	6.8	10.2#
236	25.6	20.2	30.2





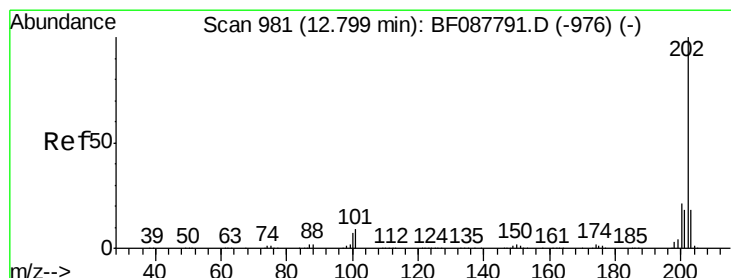
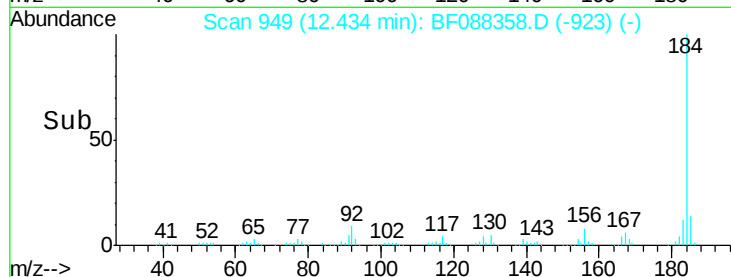
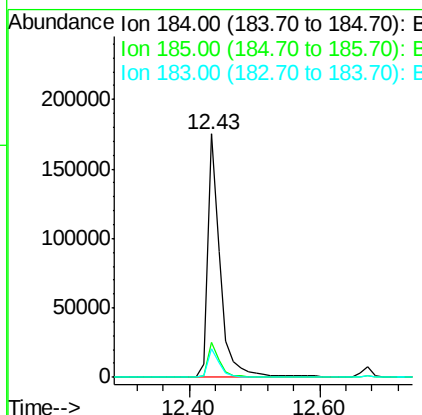
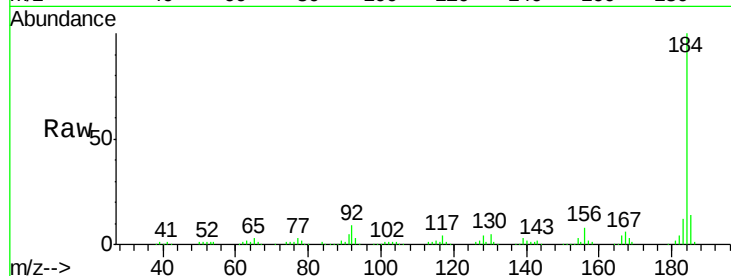
#76
Benzidine
Concen: 58.22 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	232169		
185	14.3	12.5	18.7	
183	11.6	9.3	13.9	

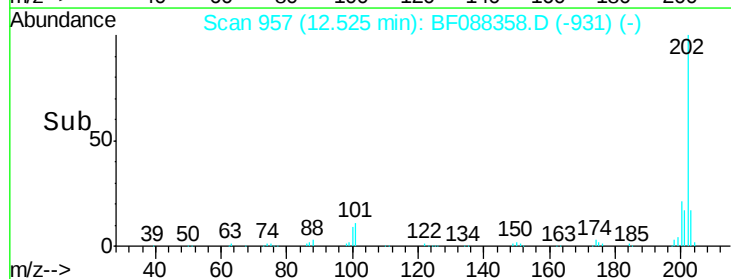
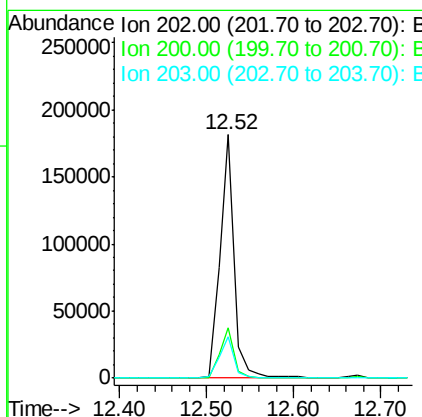
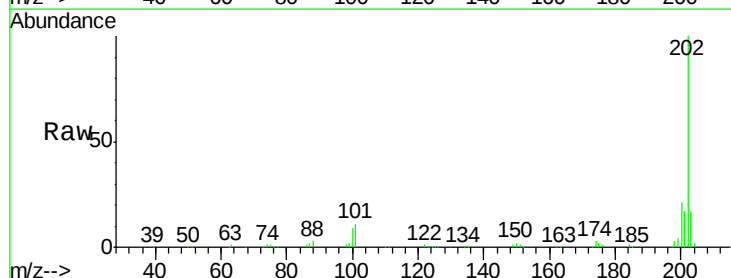
Manual Integrations
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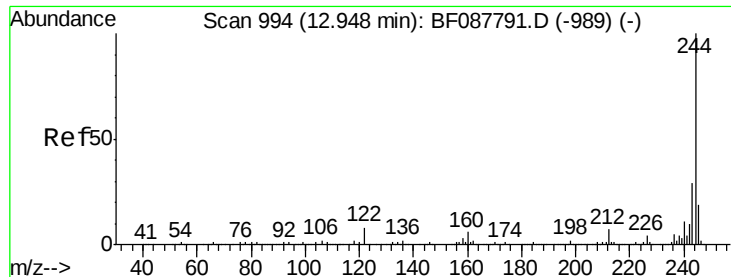
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#77
Pyrene
Concen: 19.53 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	208742		
200	20.9	17.4	26.2	
203	17.1	14.5	21.7	





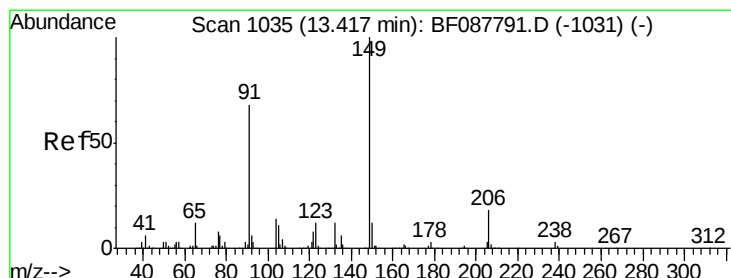
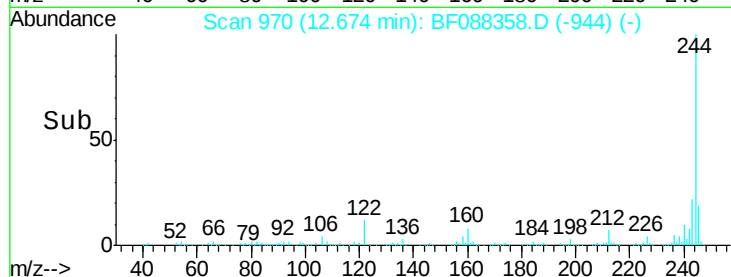
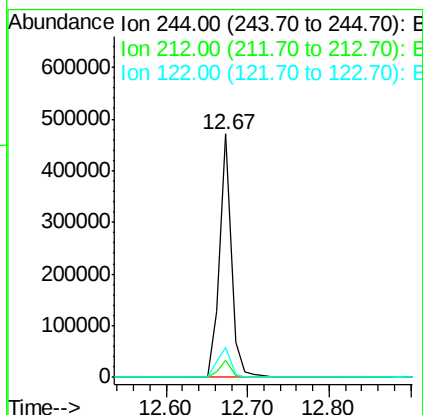
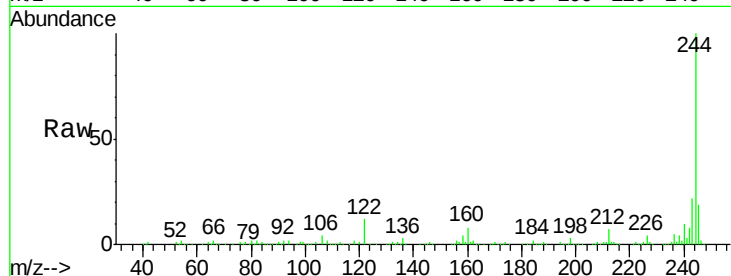
#78
 Terphenyl-d14
 Concen: 75.02 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	474797		
212	7.1	6.0	9.0	
122	12.1	11.2	16.8	

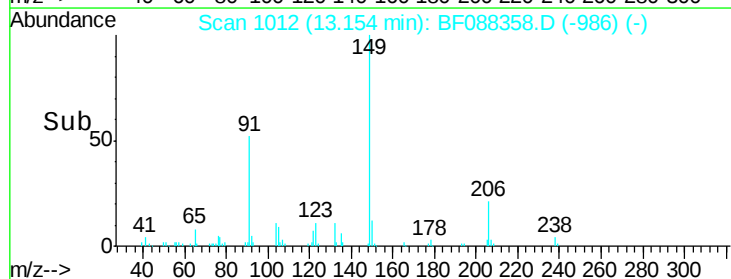
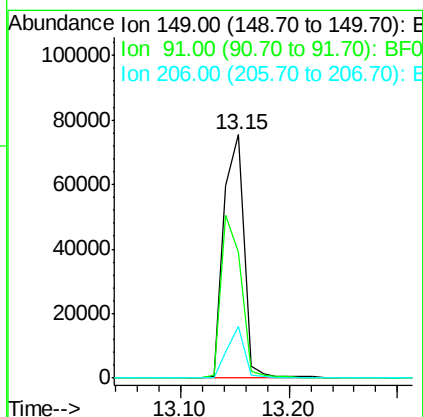
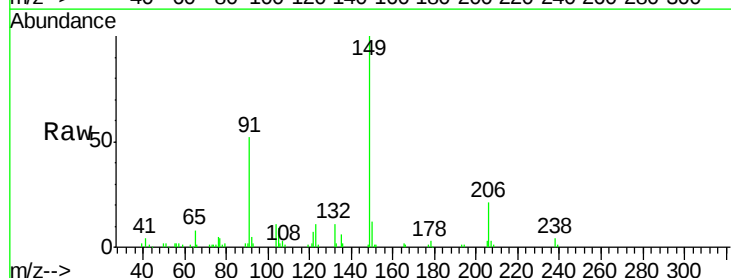
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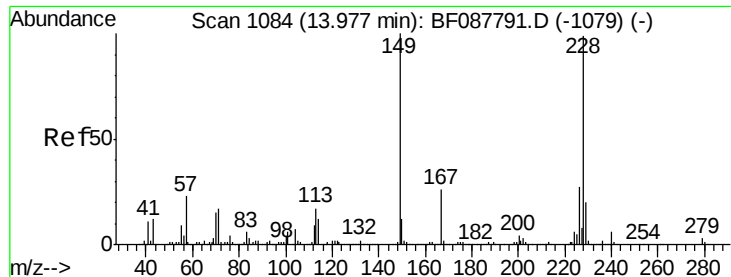
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#79
 Butylbenzylphthalate
 Concen: 20.64 ng
 RT: 13.15 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	97543		
91	51.7	48.0	72.0	
206	21.4	16.0	24.0	





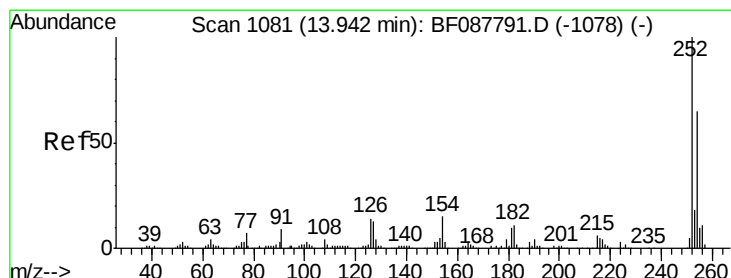
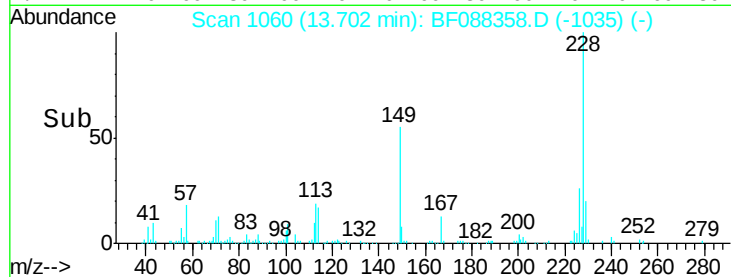
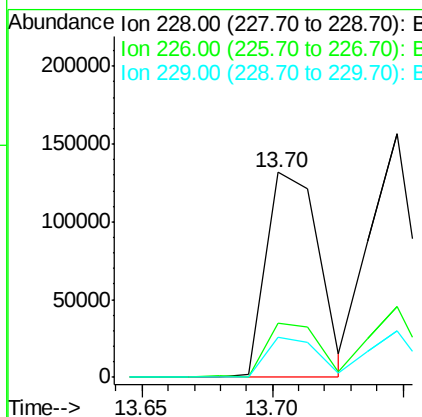
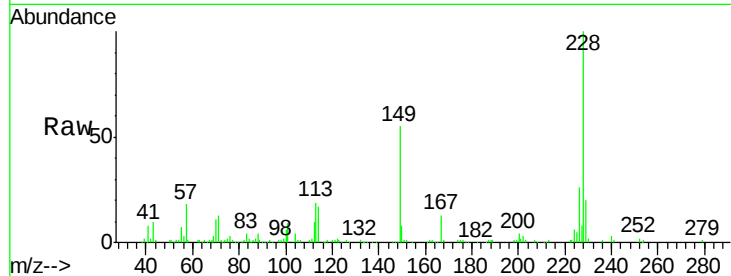
#80
Benzo(a)anthracene
Concen: 22.55 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.3	33.5
229	19.8	16.0	24.0

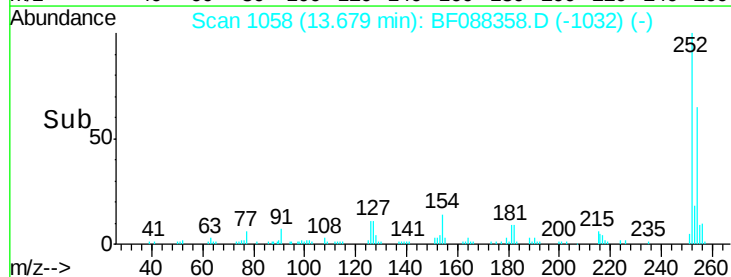
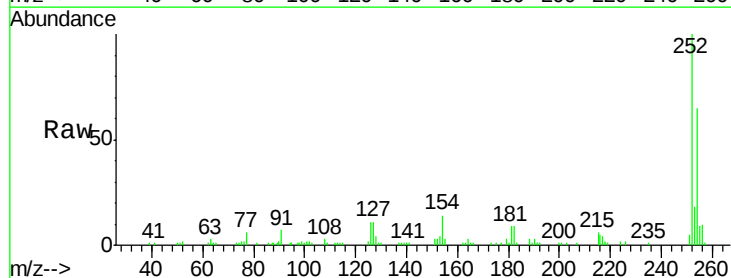
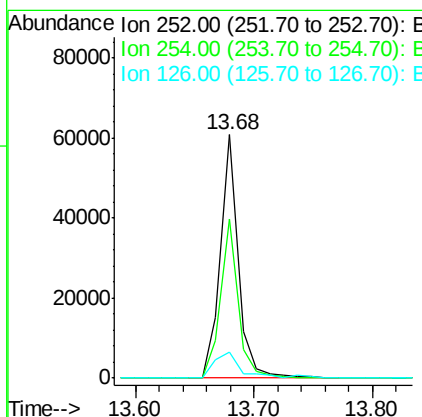
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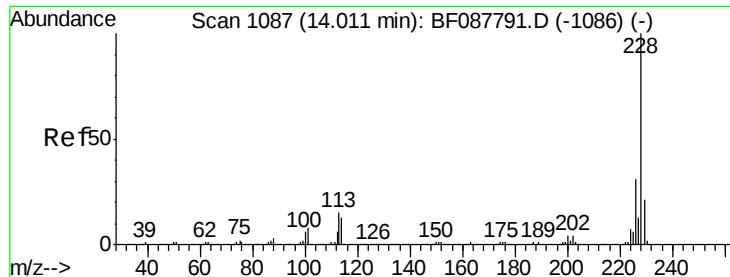
sohil
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#81
3,3'-Dichlorobenzidine
Concen: 28.68 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	10.6	6.2	9.2#





#82

Chrysene

Concen: 24.66 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

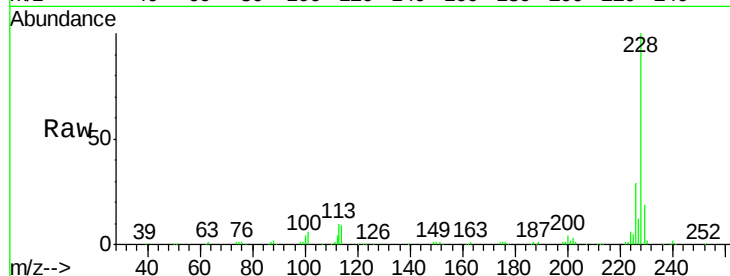
ClientSampleId :

PB91593BS

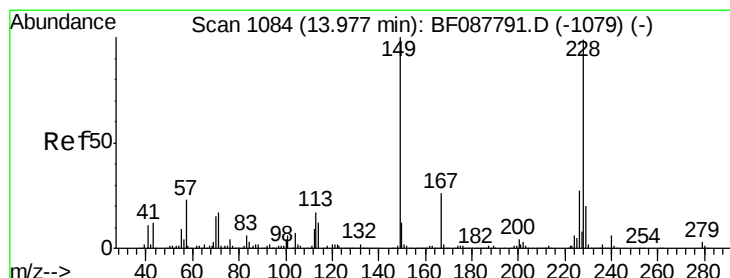
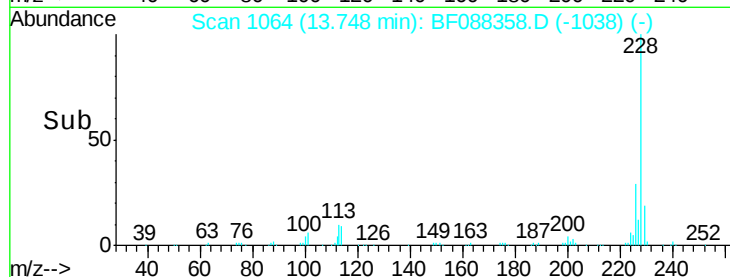
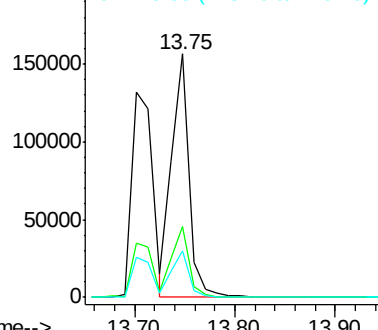
Tgt Ion:	228	Resp:	190416
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.4	38.2
229	19.0	16.3	24.5

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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: 23.37 ng

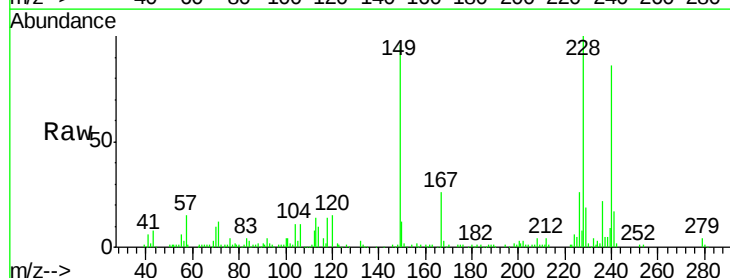
RT: 13.71 min Scan# 1061

Delta R.T. -0.00 min

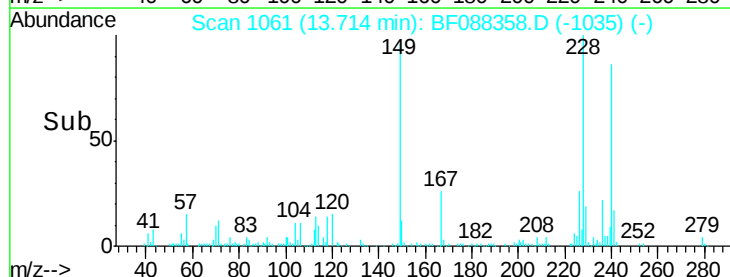
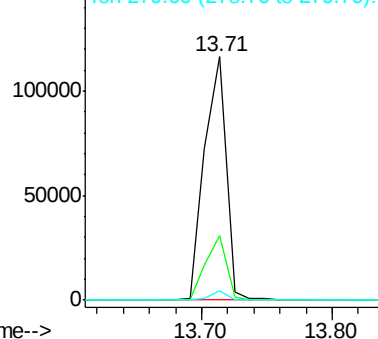
Lab File: BF088358.D

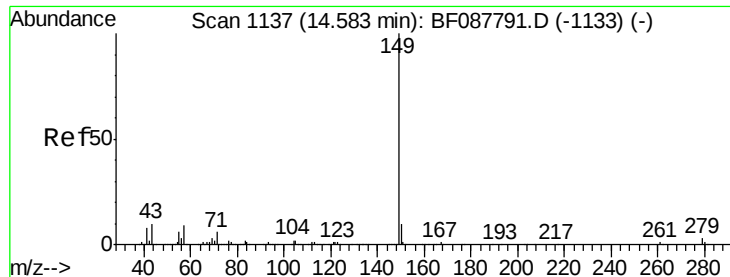
Acq: 25 Jun 2016 4:51

Tgt Ion:	149	Resp:	134407
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.5	30.7
279	3.9	2.0	3.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 27.07 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion: 149 Resp: 253047
Ion Ratio Lower Upper

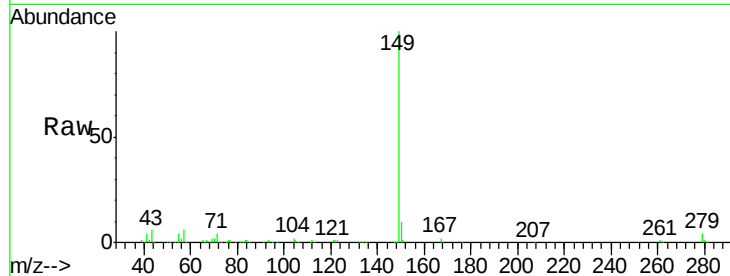
149 100

167 1.5 0.0 0.0#

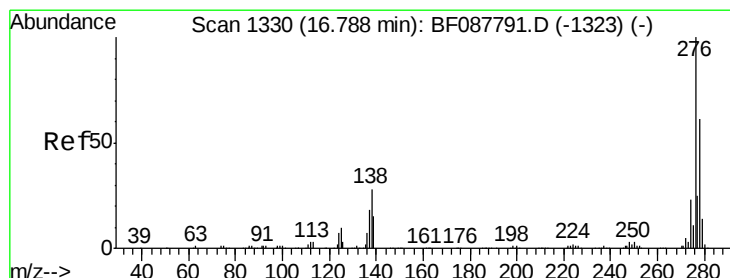
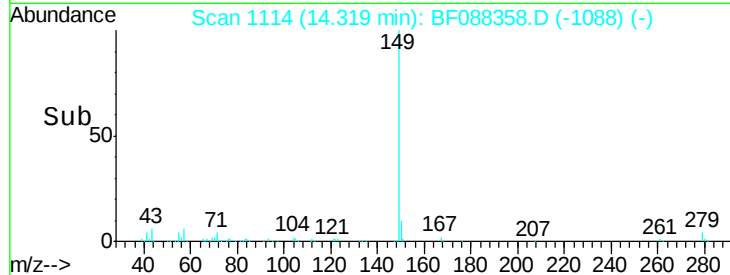
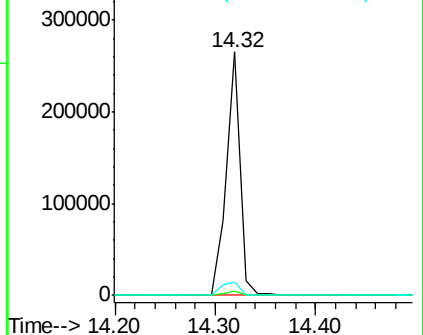
43 8.5 0.0 0.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 18.29 ng

RT: 16.32 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF088358.D

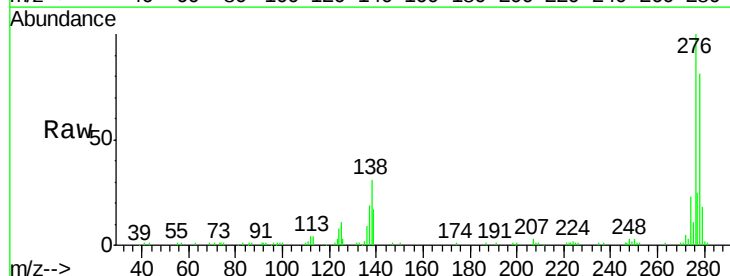
Acq: 25 Jun 2016 4:51

Tgt Ion: 276 Resp: 131235
Ion Ratio Lower Upper

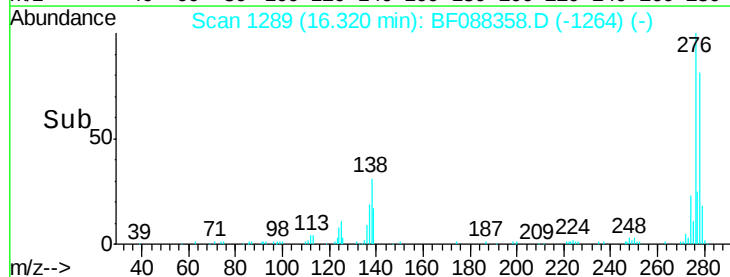
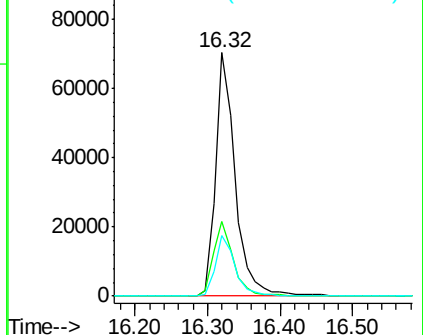
276 100

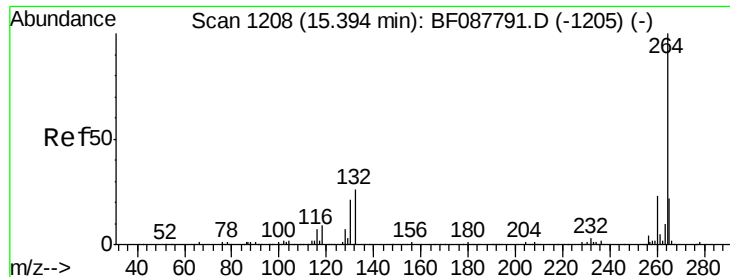
138 30.8 0.0 0.0#

277 24.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





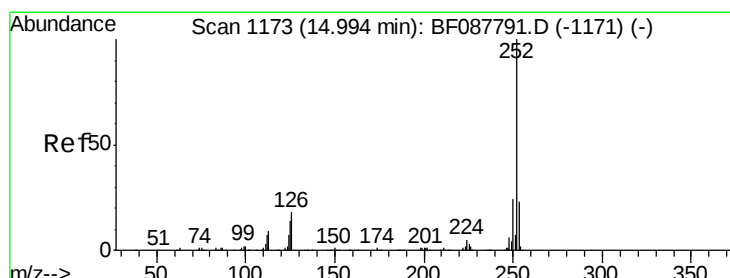
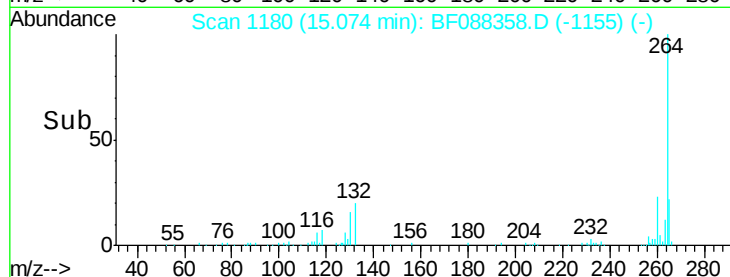
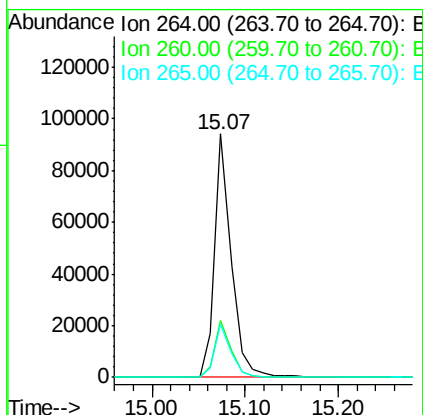
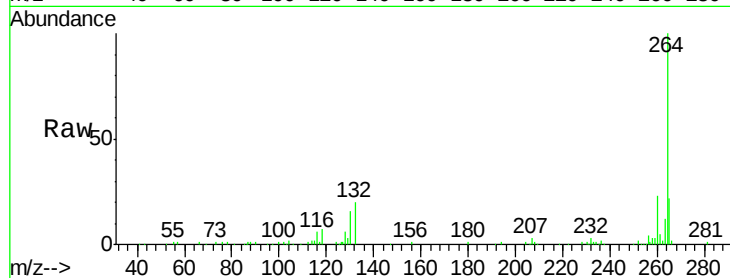
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.9	25.3

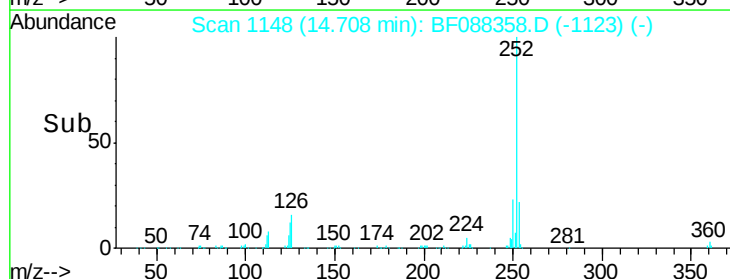
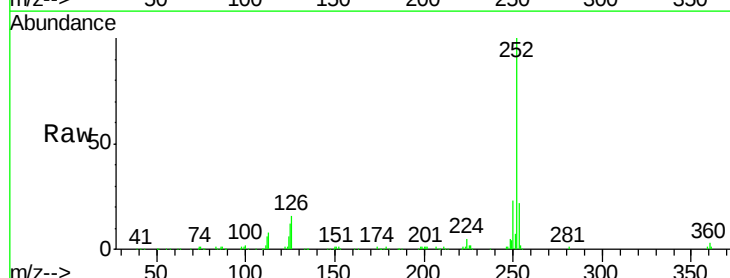
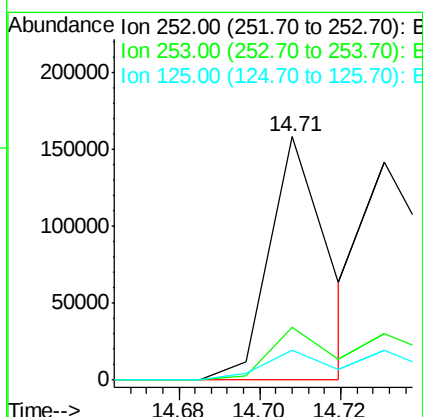
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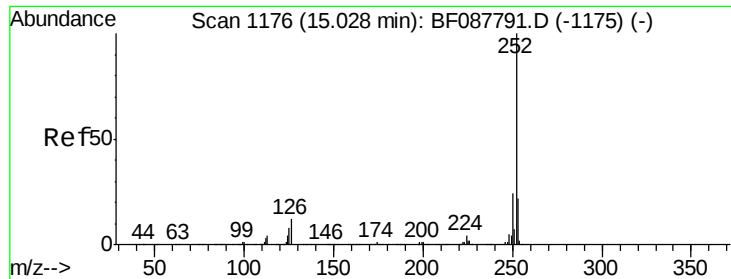
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#87
Benzo(b)fluoranthene
Concen: 19.67 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	12.4	7.1	10.7#





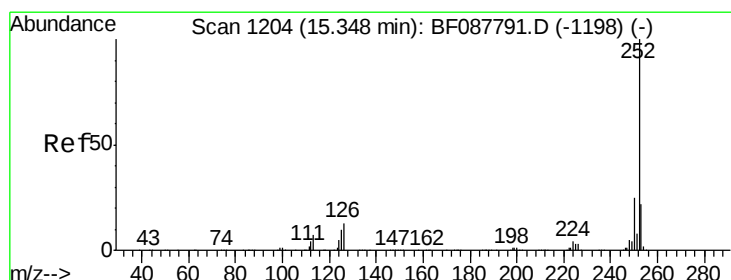
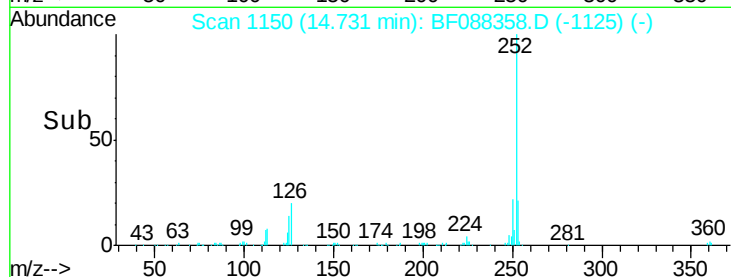
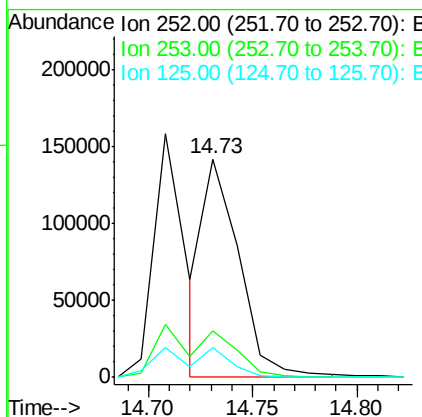
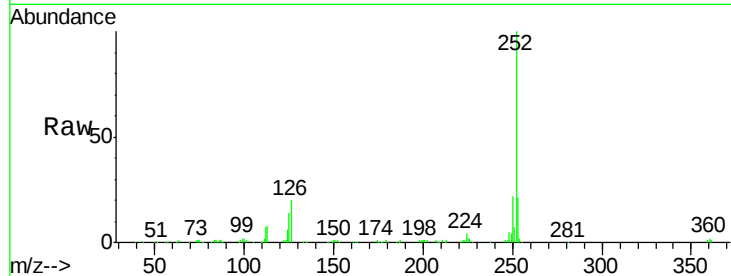
#88
Benzo(k)fluoranthene
Concen: 27.96 ng m
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	13.9	11.2	16.8

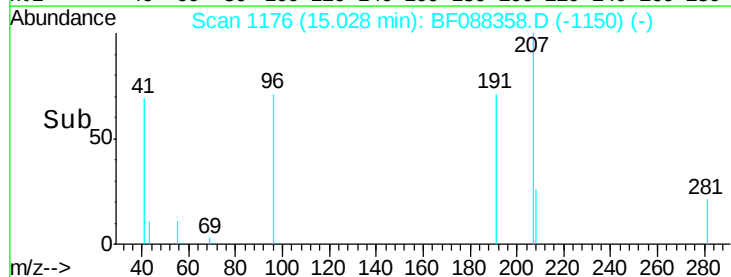
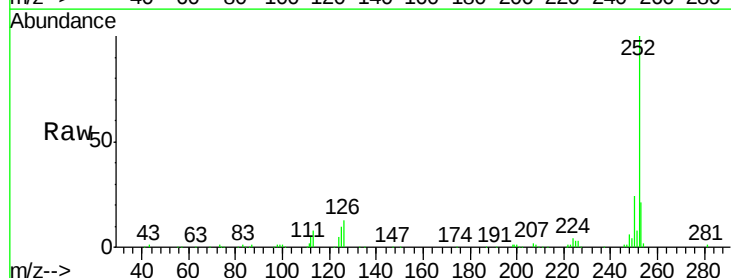
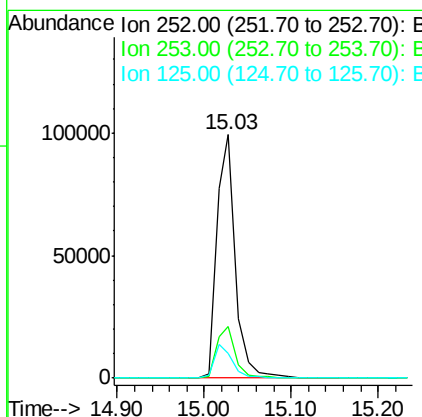
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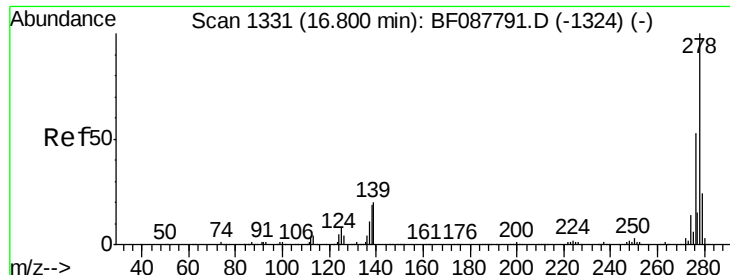
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#89
Benzo(a)pyrene
Concen: 22.40 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	10.3	12.5	18.7#





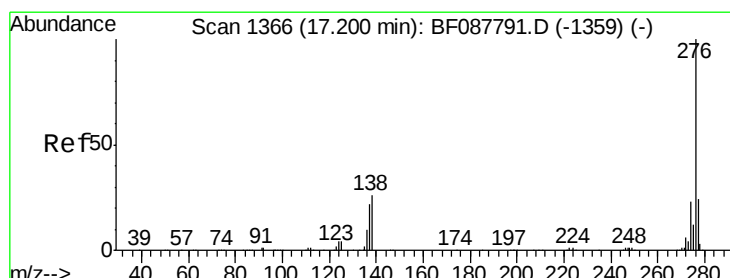
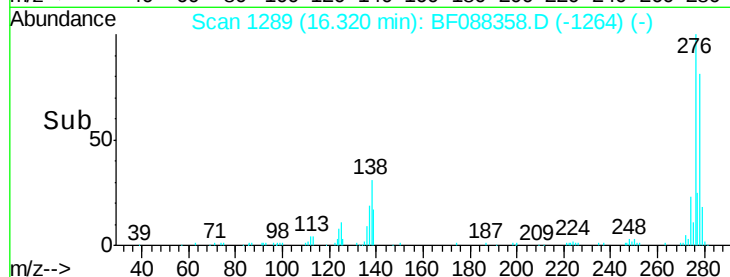
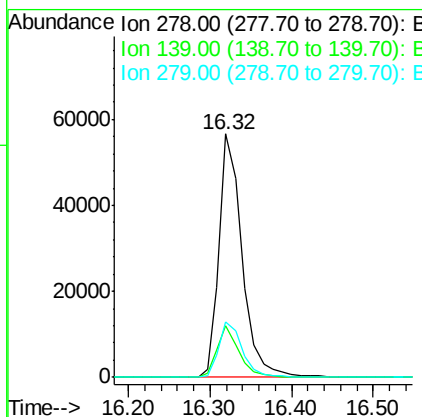
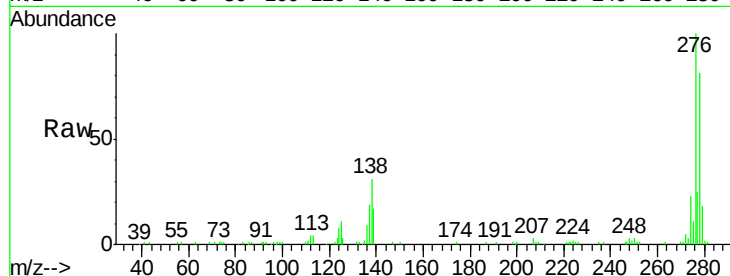
#90
Dibenzo(a,h)anthracene
Concen: 18.17 ng
RT: 16.32 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.7	23.5
279	22.7	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 16.49 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	23.6	21.4	32.2

