

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088028.D
 Acq On : 15 Jun 2016 5:47
 Operator : UM/SJ
 Sample : H3425-06MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Manual Integrations
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Quant Time: Jun 15 07:23:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115327	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	436019	20.00	ng	0.01
38) Acenaphthene-d10	9.83	164	186318	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	290796	20.00	ng	0.01
75) Chrysene-d12	13.94	240	237776	20.00	ng	0.00
86) Perylene-d12	15.35	264	208159	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	434161	64.36	ng	0.01
7) Phenol-d6	6.42	99	321684	39.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	691099	92.56	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	181009	92.01	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1009927	85.16	ng	0.00
78) Terphenyl-d14	12.89	244	771247	73.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	53551	16.34	ng	# 32
3) Pyridine	3.07	79	108444	14.01	ng	94
4) n-Nitrosodimethylamine	2.99	42	54427	16.60	ng	86
6) Aniline	6.44	93	243274	20.91	ng	96
8) 2-Chlorophenol	6.57	128	304329	38.11	ng	91
9) Benzaldehyde	6.32	77	17286	2.94	ng	84
10) Phenol	6.43	94	132345	13.96	ng	# 65
11) bis(2-Chloroethyl)ether	6.52	93	349756	48.79	ng	87
12) 1,3-Dichlorobenzene	6.72	146	321772	37.56	ng	99
13) 1,4-Dichlorobenzene	6.80	146	327913	38.00	ng	98
14) 1,2-Dichlorobenzene	6.96	146	337098	42.95	ng	97
15) Benzyl Alcohol	6.92	79	168629	26.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	431560	44.56	ng	90
17) 2-Methylphenol	7.05	107	188270	29.07	ng	99
18) Hexachloroethane	7.30	117	106509	34.78	ng	90
19) n-Nitroso-di-n-propylamine	7.21	70	221730	42.39	ng	89
20) 3+4-Methylphenols	7.21	107	208314	27.57	ng	# 81
22) Acetophenone	7.20	105	444441	45.61	ng	# 95
24) Nitrobenzene	7.37	77	311219	43.03	ng	88
25) Isophorone	7.62	82	646439	46.74	ng	# 93
26) 2-Nitrophenol	7.69	139	172240	44.46	ng	# 87
27) 2,4-Dimethylphenol	7.74	122	284617	39.90	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	392381	45.74	ng	# 97
29) 2,4-Dichlorophenol	7.94	162	259892	43.63	ng	88
30) 1,2,4-Trichlorobenzene	8.02	180	283798	43.76	ng	96
31) Naphthalene	8.09	128	929578	43.08	ng	100
32) Benzoic acid	7.83	122	37719	9.60	ng	96
33) 4-Chloroaniline	8.15	127	275660	28.61	ng	96
34) Hexachlorobutadiene	8.22	225	144976	42.39	ng	98
35) Caprolactam	8.52	113	12747	6.46	ng	# 78
36) 4-Chloro-3-methylphenol	8.63	107	227419	35.70	ng	97
37) 2-Methylnaphthalene	8.79	142	607670	42.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	268366	65.03	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	29203	9.72	ng	98

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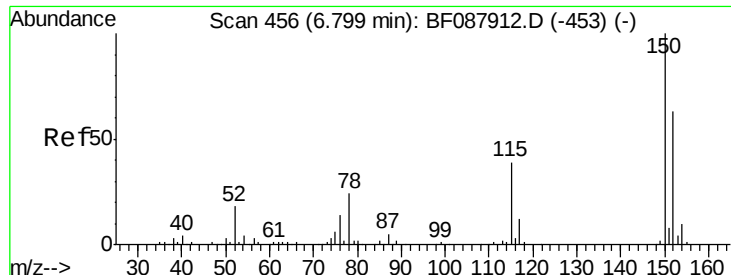
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	167828	45.04	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	181929	46.93	nq	97
45) 1,1'-Biphenyl	9.26	154	746704	54.74	nq	98
46) 2-Chloronaphthalene	9.28	162	574010	47.61	nq	97
47) 2-Nitroaniline	9.37	65	154395	43.41	nq	94
48) Acenaphthylene	9.69	152	820888	42.80	nq	99
49) Dimethylphthalate	9.56	163	745106	55.21	nq	99
50) 2,6-Dinitrotoluene	9.62	165	159499	51.60	nq	91
51) Acenaphthene	9.86	154	494149	41.30	nq	98
52) 3-Nitroaniline	9.78	138	108151	30.32	nq	99
53) 2,4-Dinitrophenol	9.90	184	32899	25.10	nq #	71
54) Dibenzofuran	10.03	168	712003	43.21	nq	92
55) 4-Nitrophenol	9.95	139	74073	26.76	nq #	77
56) 2,4-Dinitrotoluene	10.02	165	171069	43.07	nq #	71
57) Fluorene	10.38	166	538971	48.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	125545	41.21	nq #	56
59) Diethylphthalate	10.25	149	642961	47.06	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	226570	41.35	nq	93
61) 4-Nitroaniline	10.40	138	142480	42.12	nq	99
62) Azobenzene	10.52	77	566901	41.96	nq	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	28561	17.19	nq #	55
65) n-Nitrosodiphenylamine	10.49	169	504342	52.27	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	151800	48.66	nq #	89
67) Hexachlorobenzene	10.92	284	161597	49.85	nq #	82
68) Atrazine	11.02	200	122705	41.99	nq	92
69) Pentachlorophenol	11.12	266	152719	89.38	nq	98
70) Phenanthrene	11.34	178	767280	50.28	nq	99
71) Anthracene	11.38	178	689987	44.83	nq	99
72) Carbazole	11.54	167	714655	49.62	nq	99
73) Di-n-butylphthalate	11.87	149	833649	45.72	nq	100
74) Fluoranthene	12.51	202	714270	44.35	nq	97
76) Benzidine	12.64	184	278567	42.31	nq	98
77) Pyrene	12.74	202	731365	41.45	nq	100
79) Butylbenzylphthalate	13.37	149	387945	49.73	nq	92
80) Benzo(a)anthracene	13.93	228	611988	45.17	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	205817	56.48	nq #	95
82) Chrysene	13.98	228	678185	53.20	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	451716	47.57	nq	99
84) Di-n-octyl phthalate	14.54	149	928233	60.16	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	533934	45.08	nq #	100
87) Benzo(b)fluoranthene	14.95	252	757011m	52.18	nq	
88) Benzo(k)fluoranthene	14.98	252	454274m	41.51	nq	
89) Benzo(a)pyrene	15.29	252	551691	47.00	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	451186	41.38	nq	97
91) Benzo(g,h,i)perylene	17.12	276	441099	39.33	nq	99

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



#1

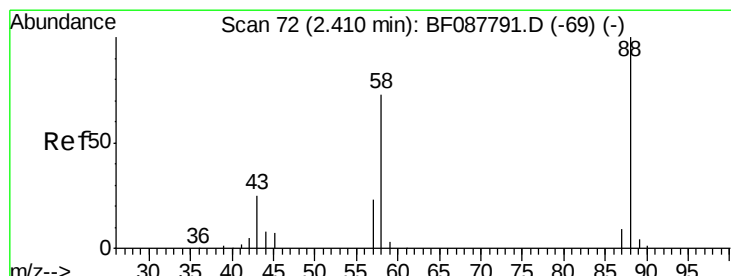
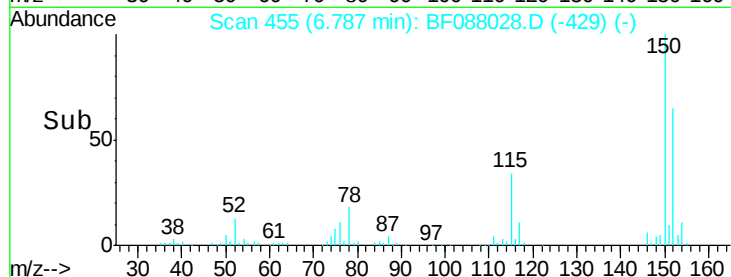
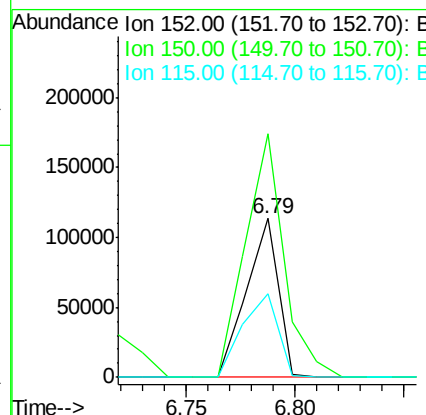
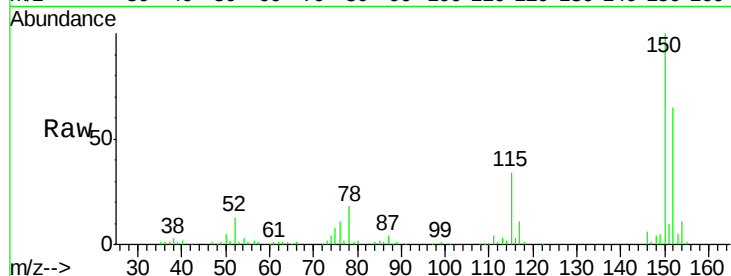
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.6
115	52.7	39.6	59.4

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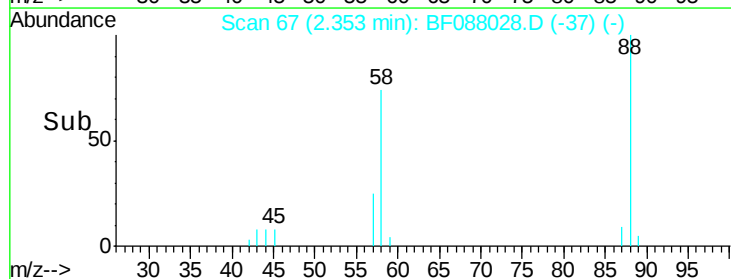
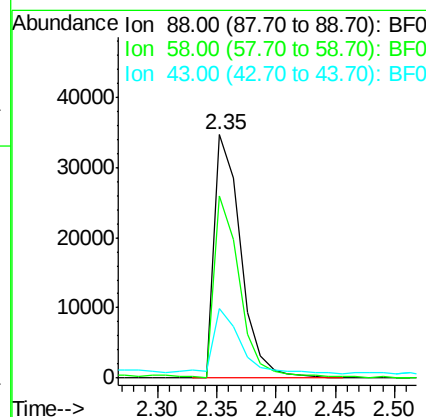
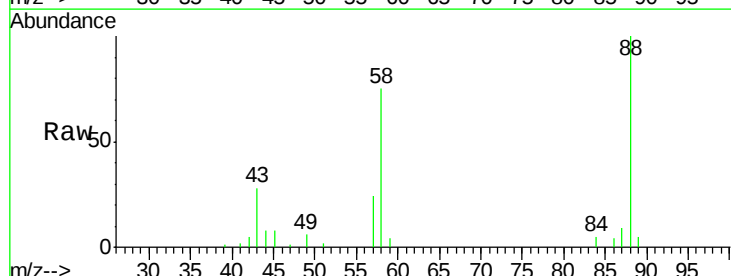
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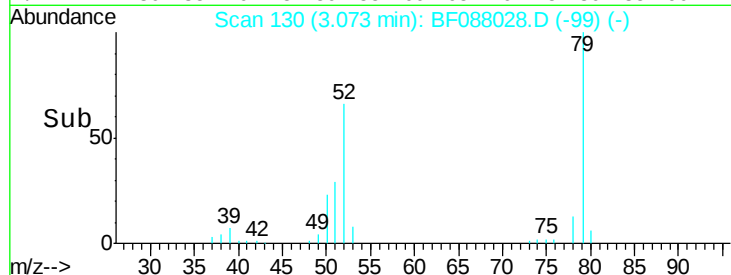
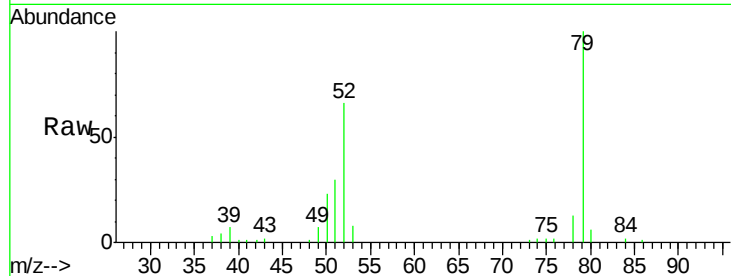
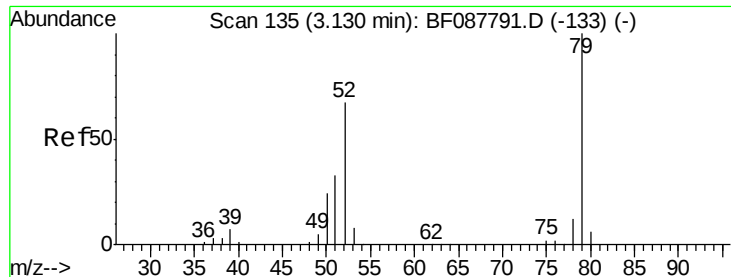


#2

1,4-Dioxane
Concen: 16.34 ng
RT: 2.35 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	0.0	0.0#
43	26.8	3.4	5.2#





#3

Pvridine

Concen: 14.01 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.06 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tot Ion:	79	Resp:	108444
Ion	Ratio	Lower	Upper
79	100		
52	65.5	56.3	84.5
51	30.3	27.4	41.2

Instrument :

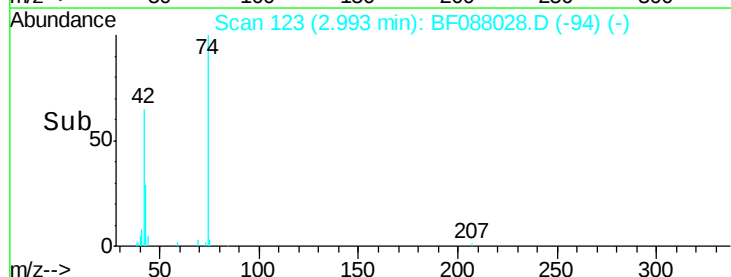
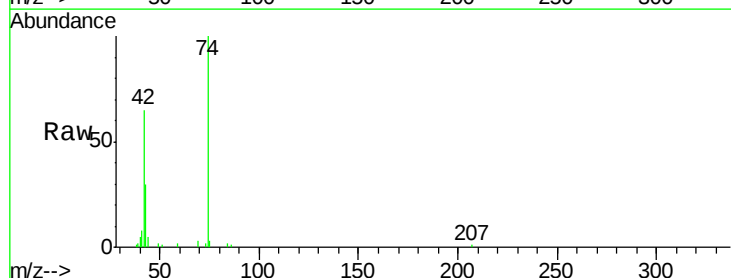
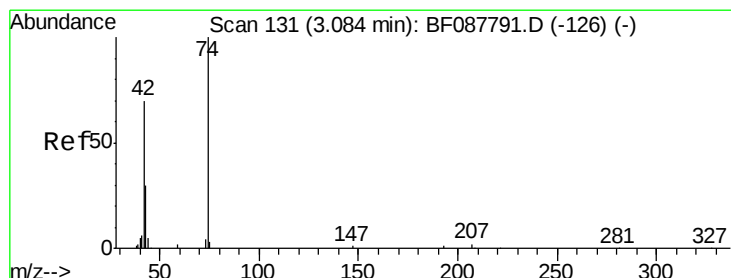
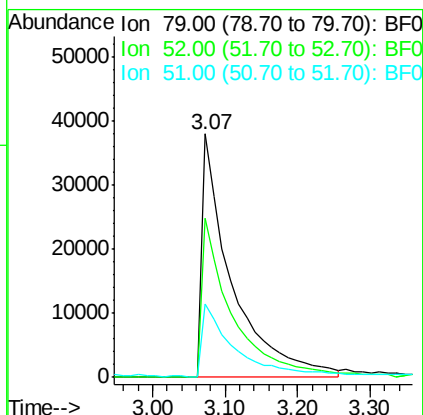
BNA_F

ClientSampleId :

SP16-LF2MW2MS

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#4

n-Nitrosodimethylamine

Concen: 16.60 ng

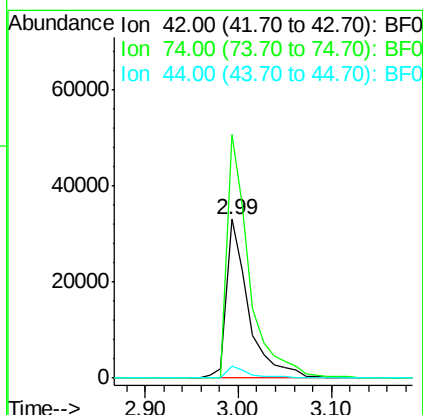
RT: 2.99 min Scan# 123

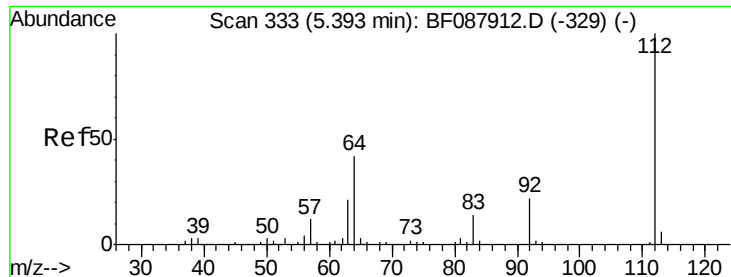
Delta R.T. 0.03 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	42	Resp:	54427
Ion	Ratio	Lower	Upper
42	100		
74	153.6	108.6	163.0
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 64.36 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

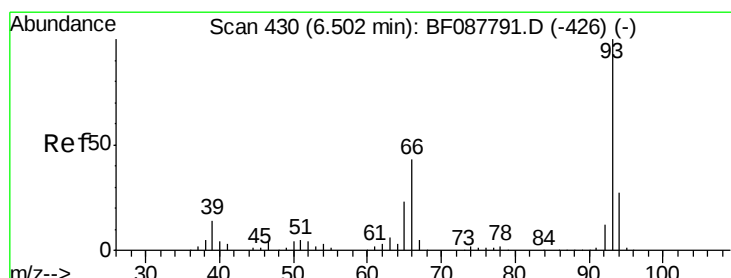
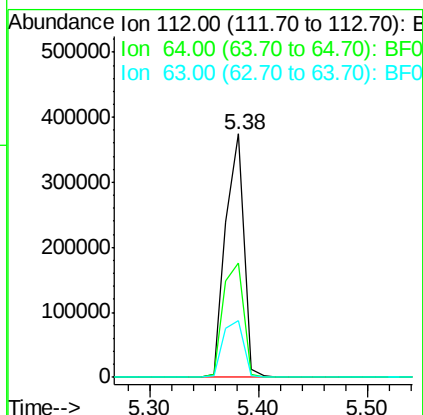
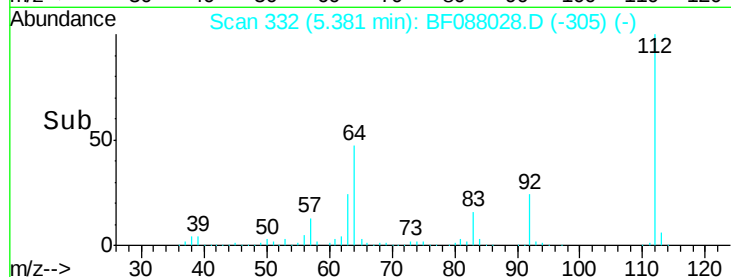
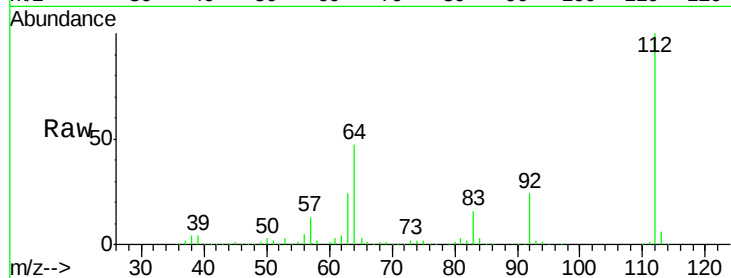
ClientSampleId :

SP16-LF2MW2MS

Tot Ion:	112	Resp:	434161
Ion Ratio	Lower	Upper	
112	100		
64	47.1	42.2	63.2
63	23.5	21.8	32.8

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#6

Aniline

Concen: 20.91 ng

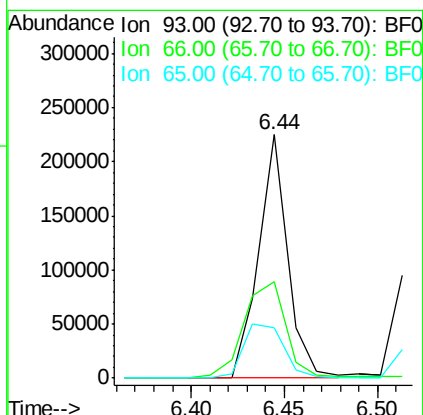
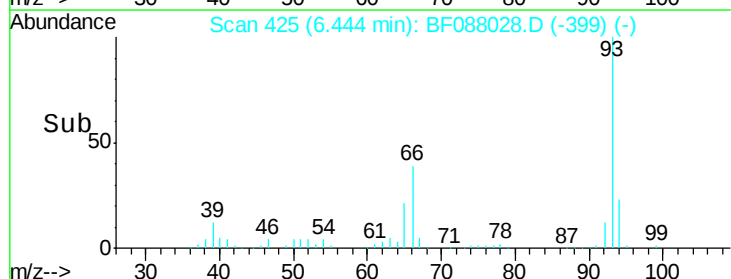
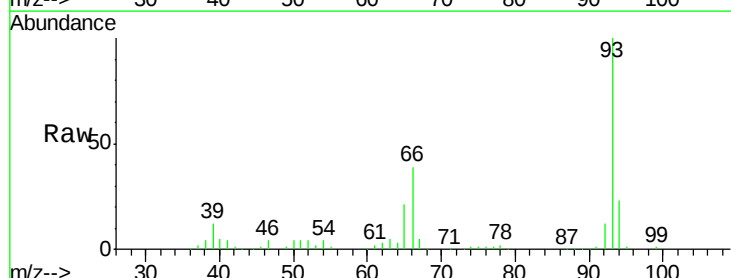
RT: 6.44 min Scan# 425

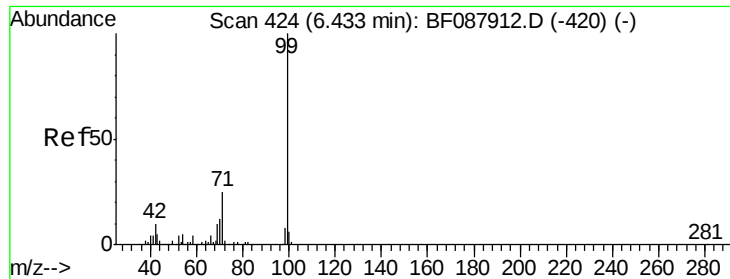
Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	93	Resp:	243274
Ion Ratio	Lower	Upper	
93	100		
66	39.4	29.8	44.8
65	20.8	14.9	22.3





#7

Phenol-d6

Concen: 39.35 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

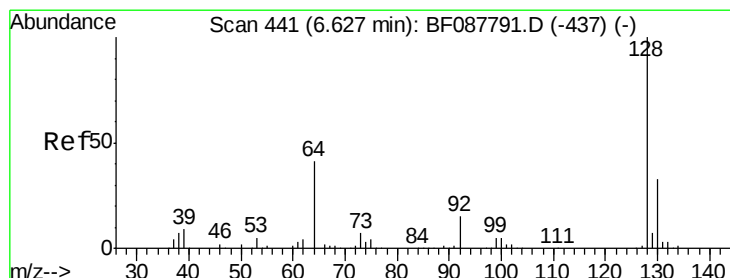
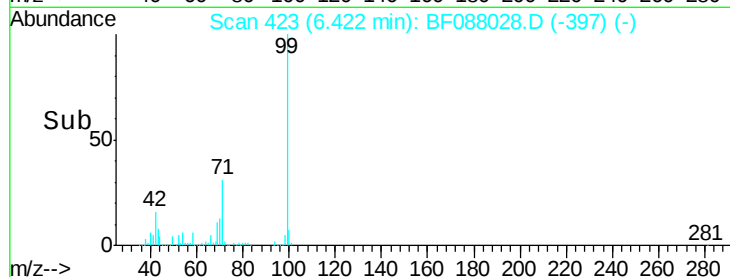
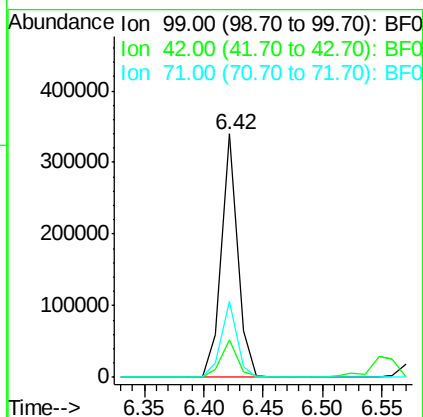
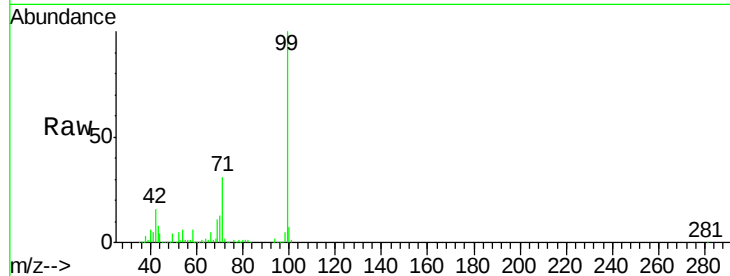
ClientSampleId :

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Tot Ion:	99	Resp:	321684
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.2	18.2
71	31.0	23.4	35.0

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#8

2-Chlorophenol

Concen: 38.11 ng

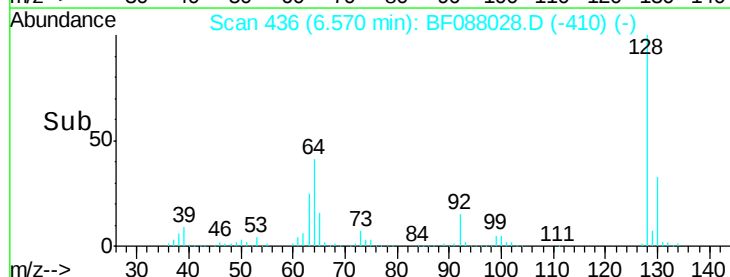
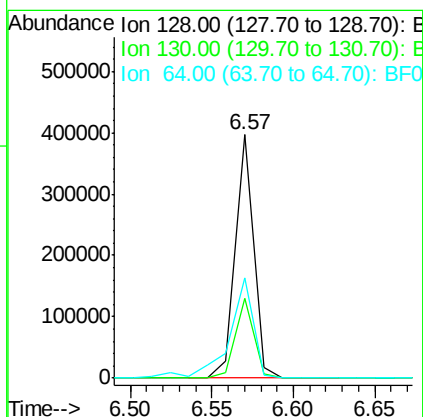
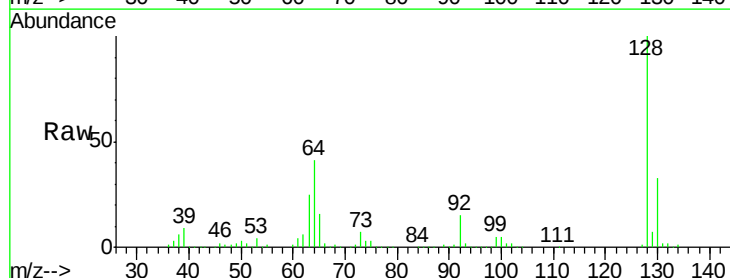
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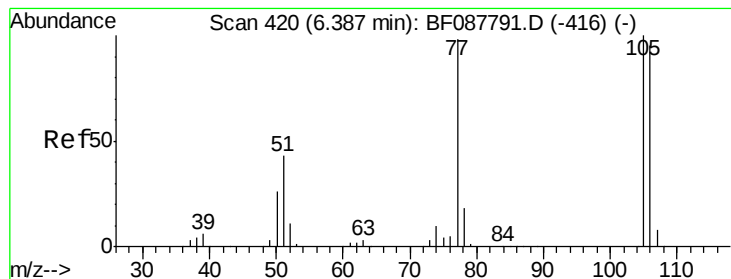
Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	128	Resp:	304329
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	41.0	30.8	70.8





#9

Benzaldehyde

Concen: 2.94 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

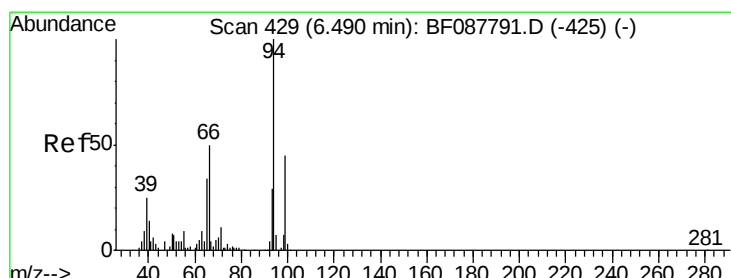
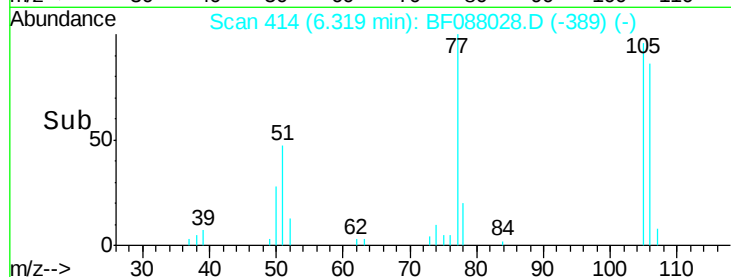
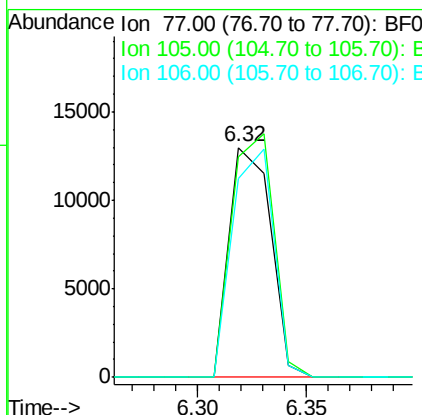
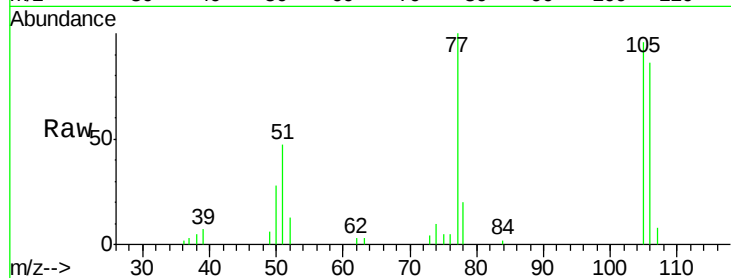
ClientSampleId :

SP16-LF2MW2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	96.1	90.6	130.6		
106	86.2	85.3	125.3		

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#10

Phenol

Concen: 13.96 ng

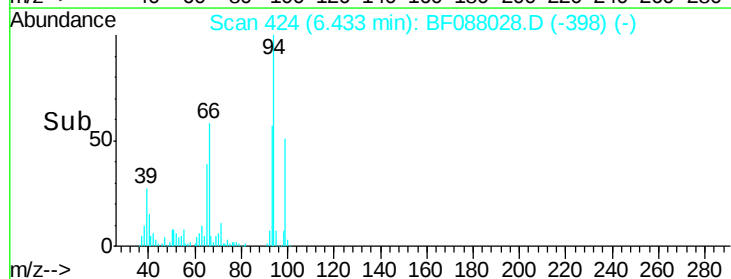
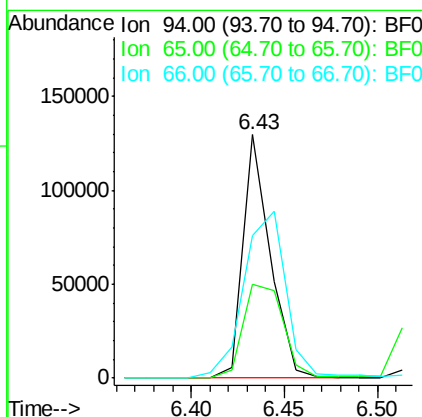
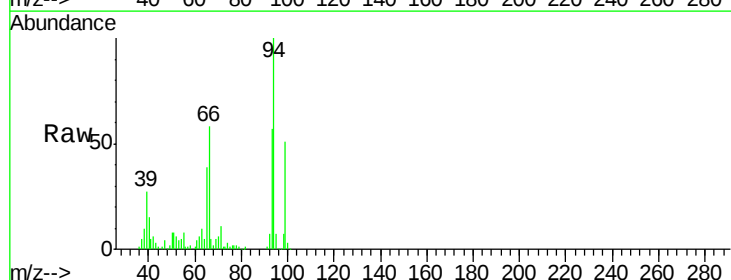
RT: 6.43 min Scan# 424

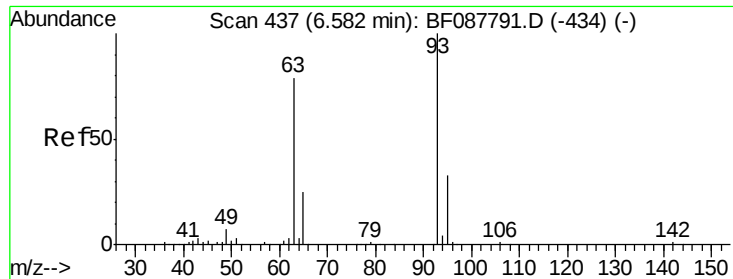
Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	38.6	5.9	45.9		
66	58.4	14.0	54.0		





#11

bis(2-Chloroethyl)ether

Concen: 48.79 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

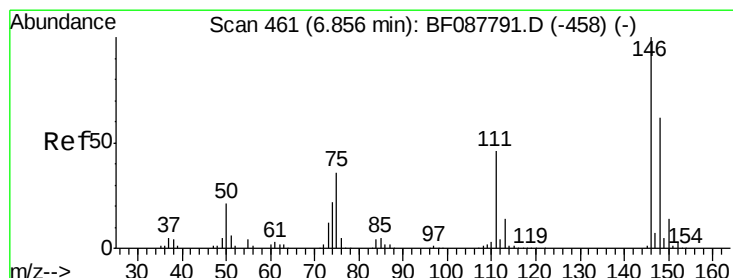
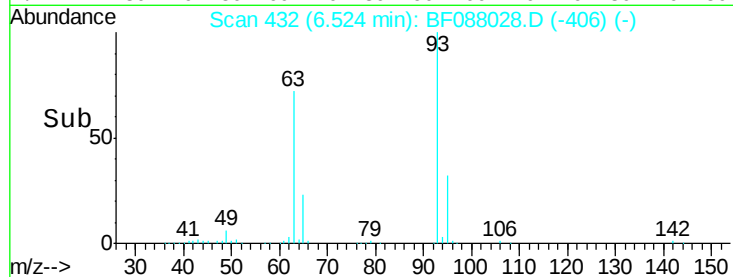
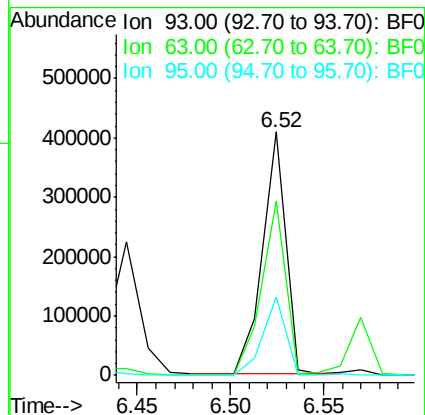
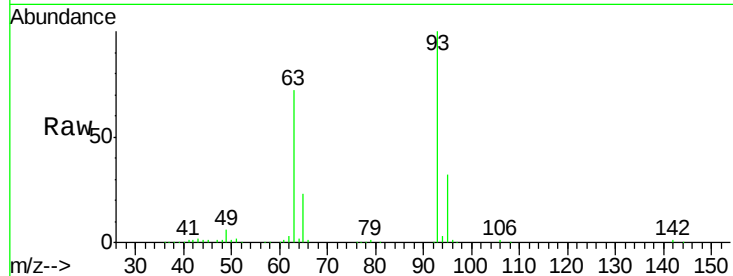
ClientSampleId :

SP16-LF2MW2MS

Tot Ion:	93	Resp:	349756
Ion Ratio	Lower	Upper	
93	100		
63	71.7	67.6	107.6
95	32.4	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 37.56 ng

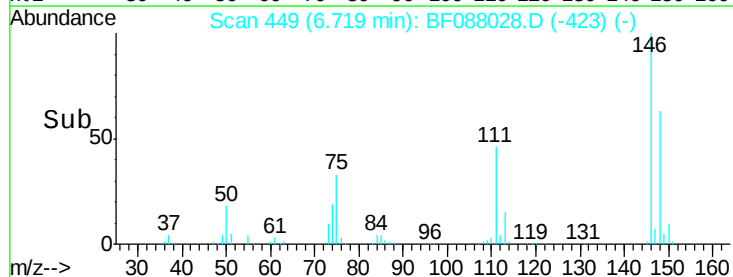
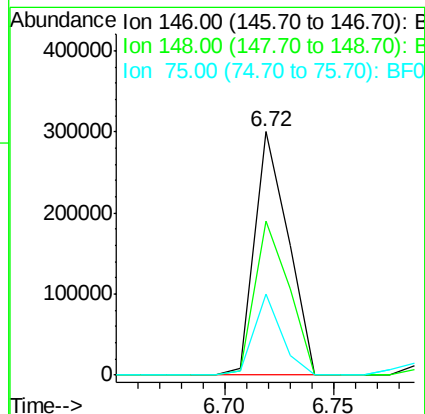
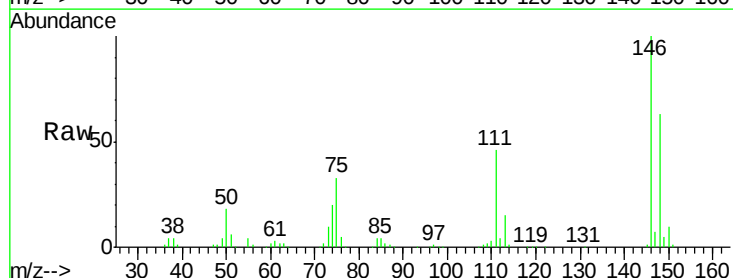
RT: 6.72 min Scan# 449

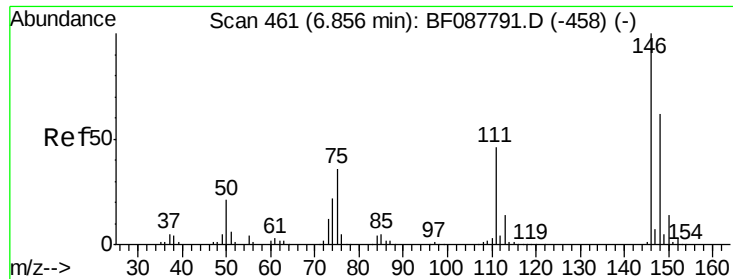
Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	146	Resp:	321772
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.9	76.3
75	33.3	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 38.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

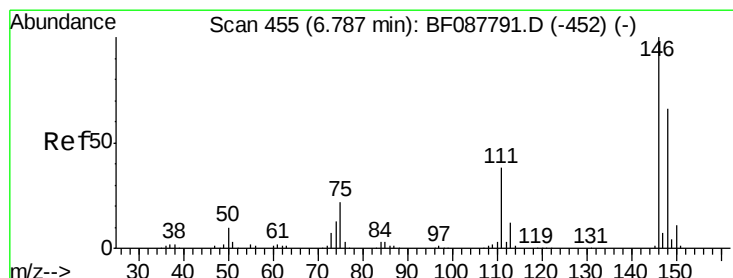
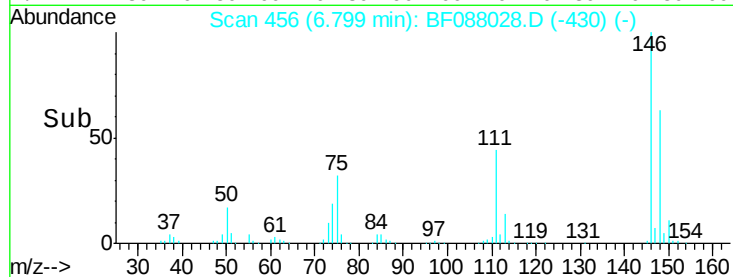
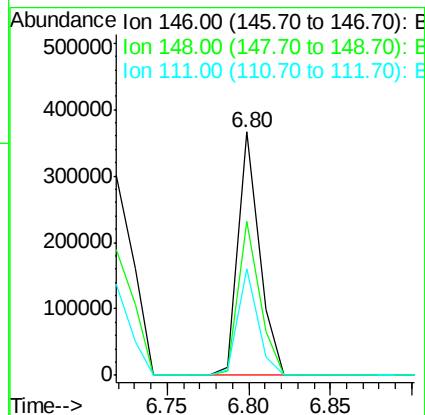
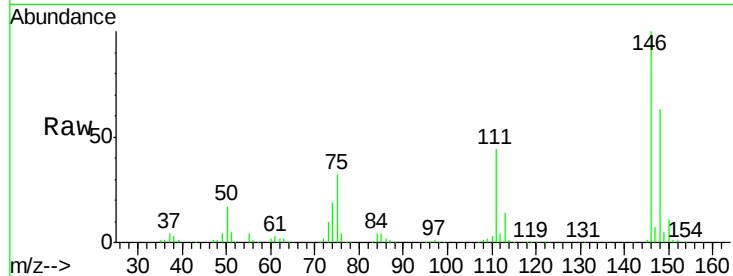
ClientSampleId :

SP16-LF2MW2MS

Tot Ion:	146	Resp:	327913
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.0	78.0
111	43.8	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 42.95 ng

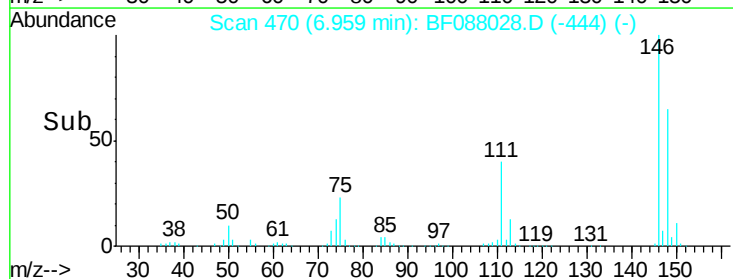
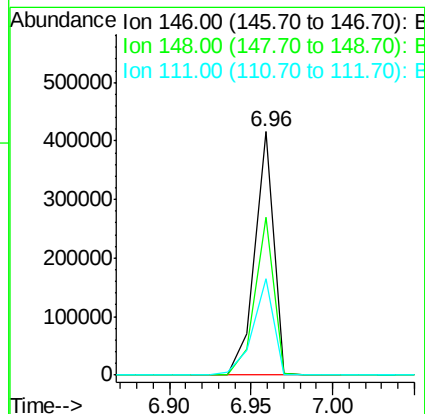
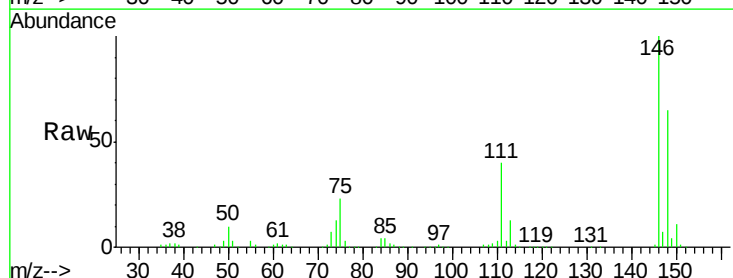
RT: 6.96 min Scan# 470

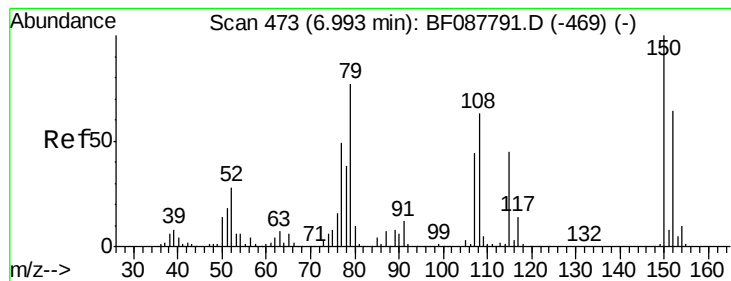
Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	146	Resp:	337098
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.3	78.5
111	39.8	28.7	43.1





#15

Benzyl Alcohol

Concen: 26.36 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

Tot Ion: 79 Resp: 168629

Ion Ratio Lower Upper

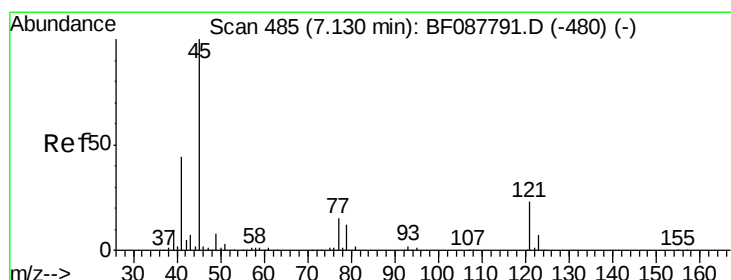
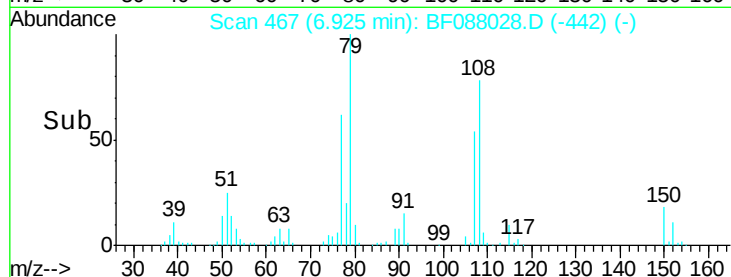
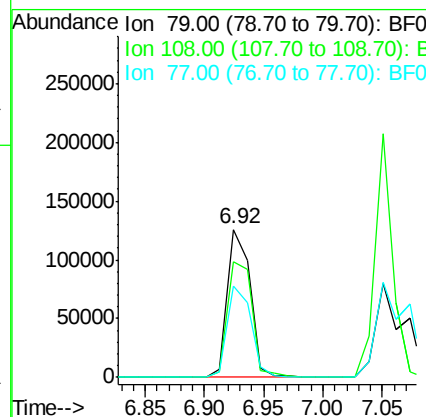
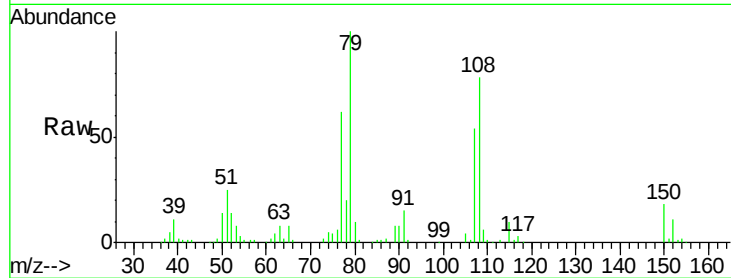
79 100

108 78.2 65.0 97.6

77 62.0 50.3 75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.56 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

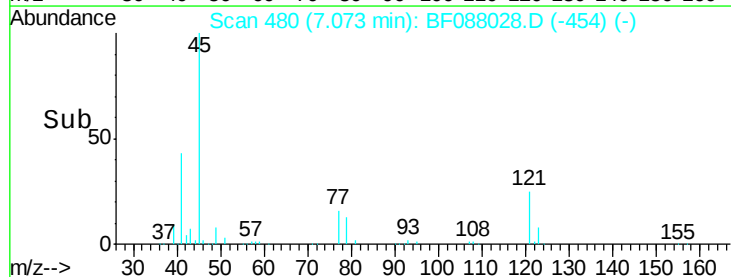
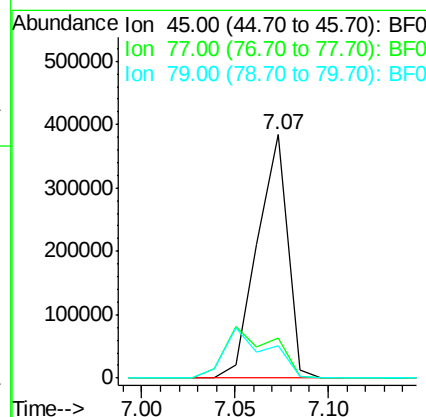
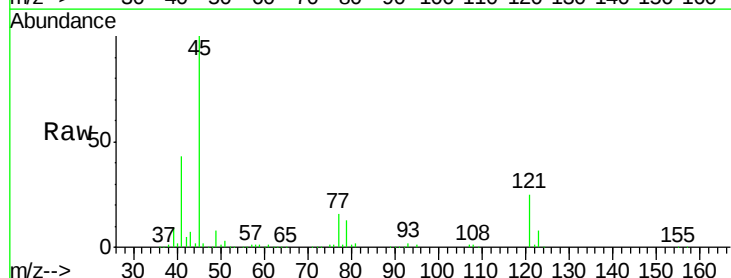
Tgt Ion: 45 Resp: 431560

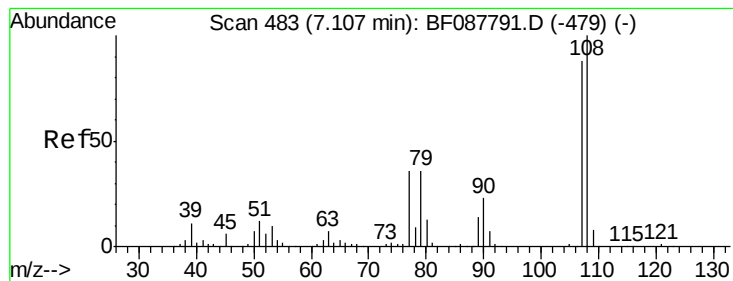
Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.5

79 13.1 0.0 29.5





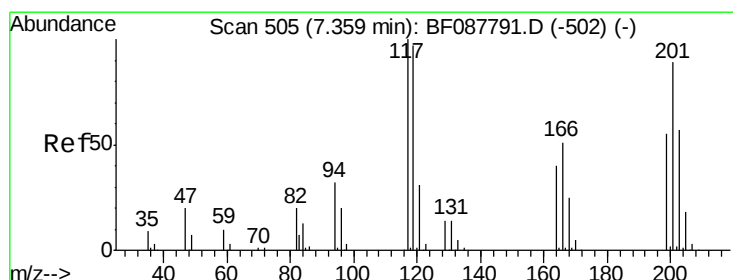
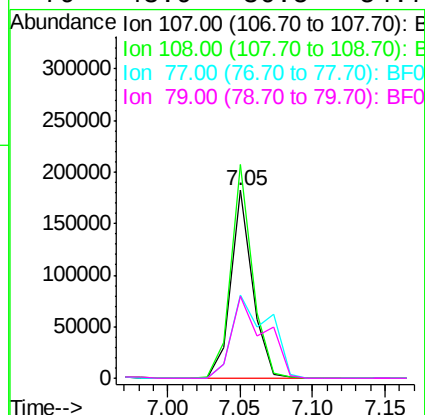
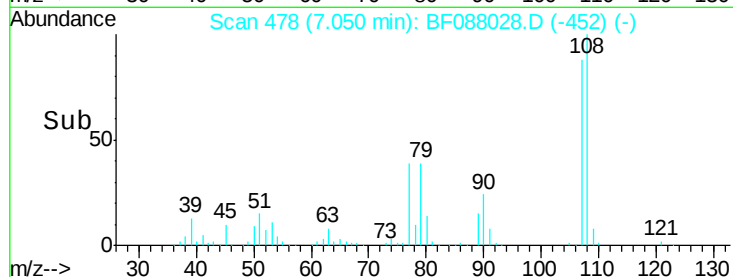
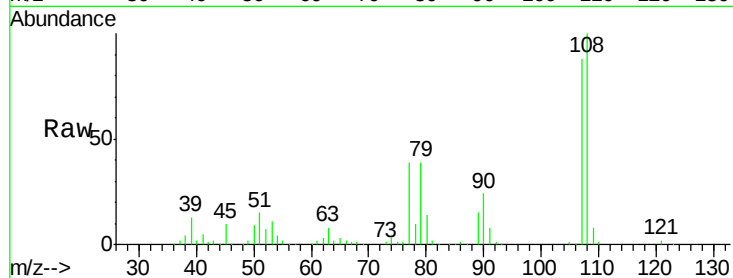
#17
2-Methylphenol
Concen: 29.07 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	188270		
108	113.9	90.9	136.3	
77	44.4	36.6	55.0	
79	43.9	36.5	54.7	

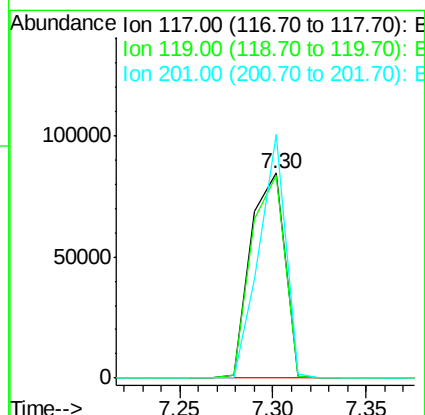
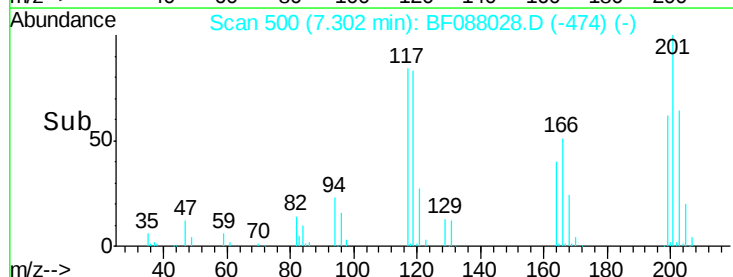
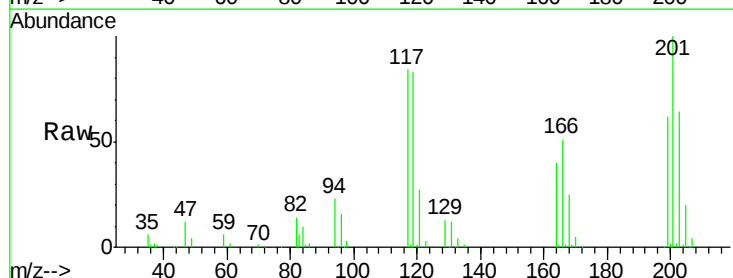
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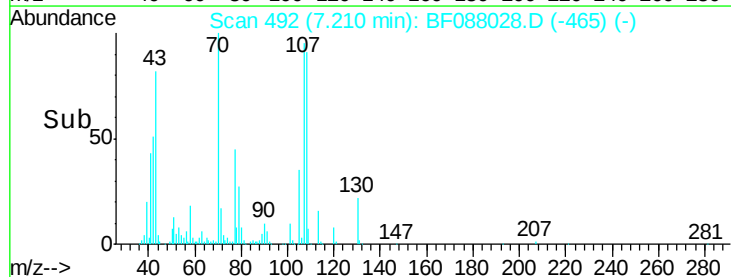
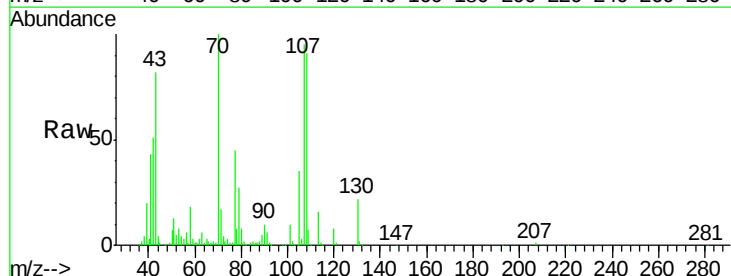
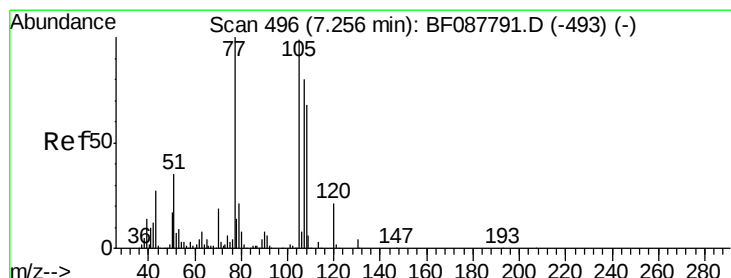
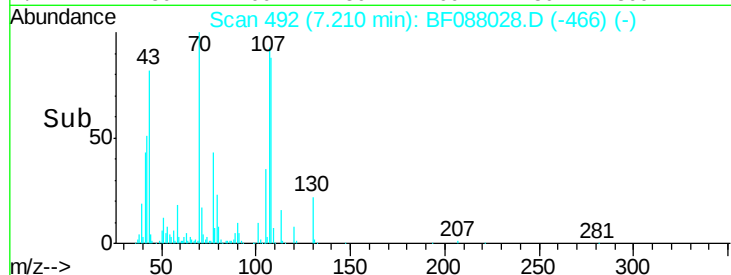
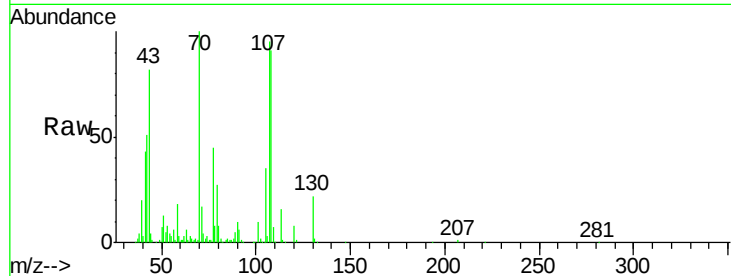
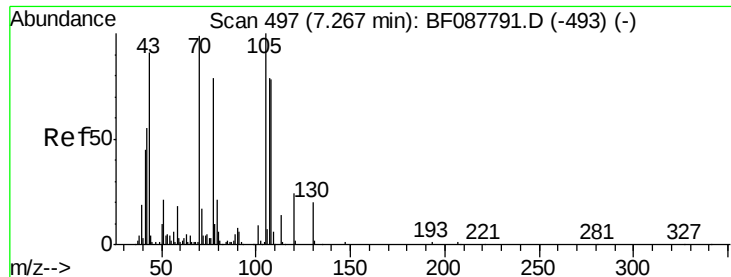
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#18
Hexachloroethane
Concen: 34.78 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

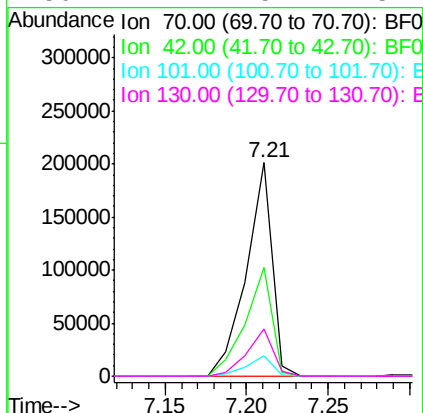
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106509		
119	98.6	77.4	116.2	
201	118.8	80.4	120.6	





#19
n-Nitroso-di-n-propylamine
Concen: 42.39 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.1	49.6	74.4		
101	9.7	7.1	10.7		
130	22.1	15.4	23.2		



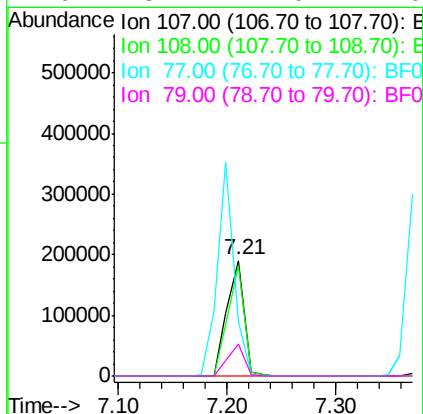
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

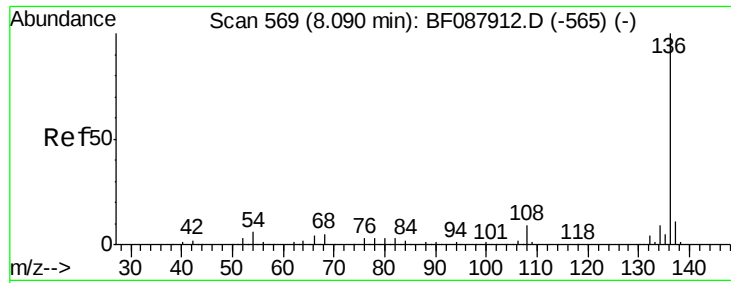
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#20
3+4-Methylphenols
Concen: 27.57 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.5	67.8	107.8		
77	47.8	59.3	99.3#		
79	28.2	7.0	47.0		





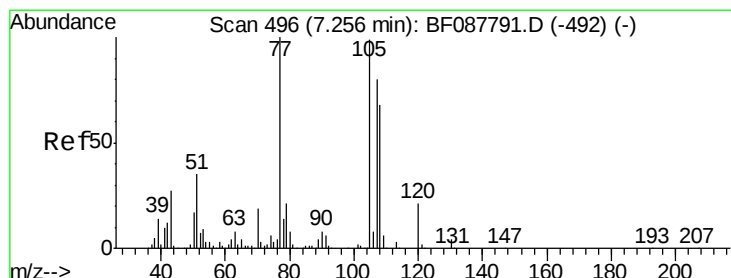
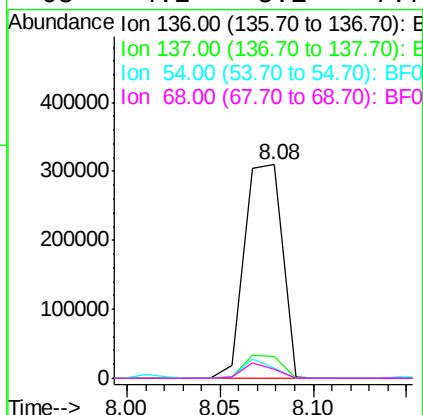
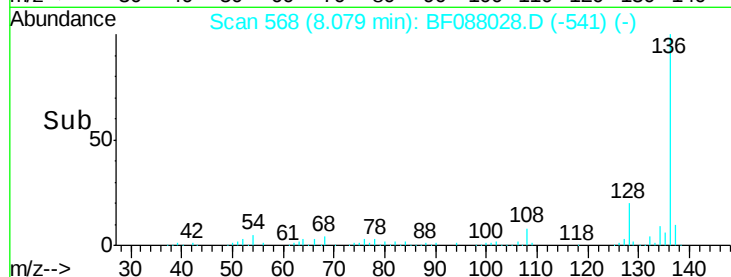
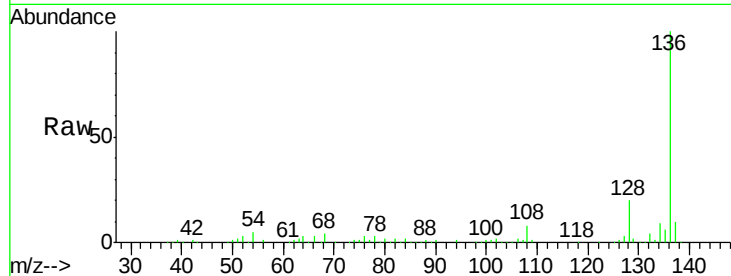
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	4.6	6.6	10.0	
68	4.2	5.1	7.7	

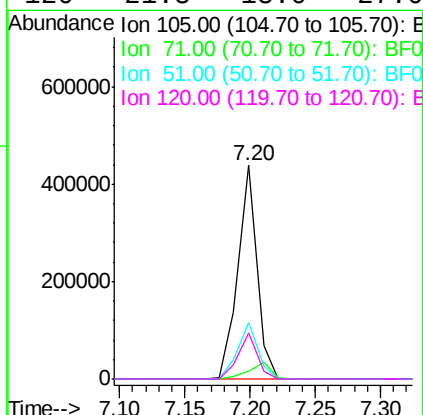
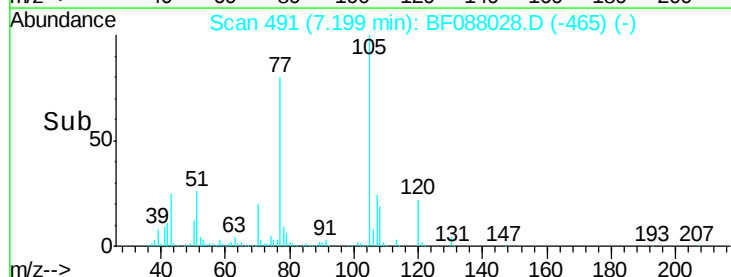
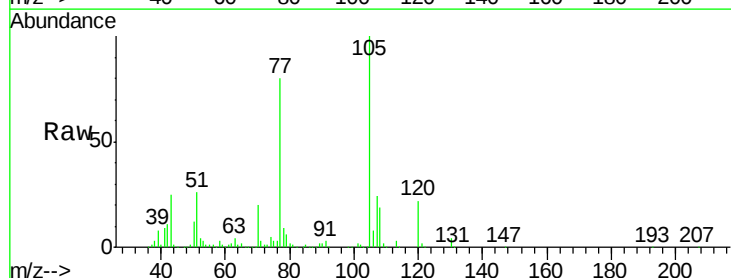
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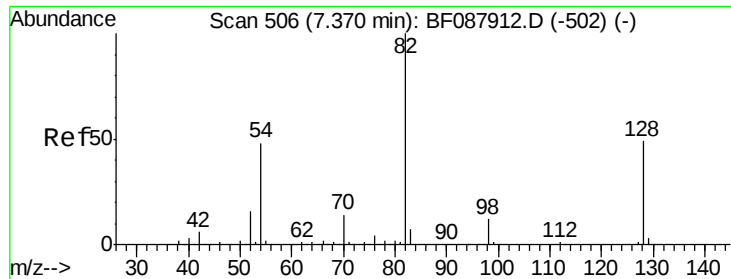
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#22
Acetophenone
Concen: 45.61 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	5.3	7.9	
51	26.3	18.2	27.4	
120	21.8	18.0	27.0	





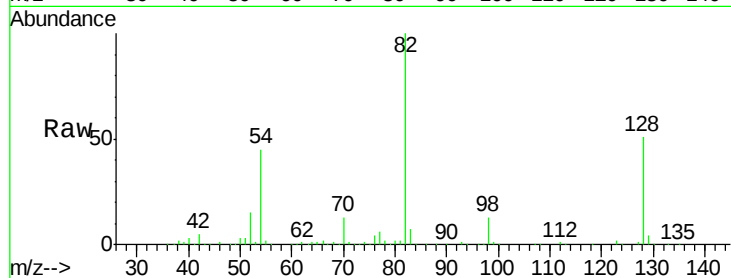
#23
 Nitrobenzene-d5
 Concen: 92.56 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

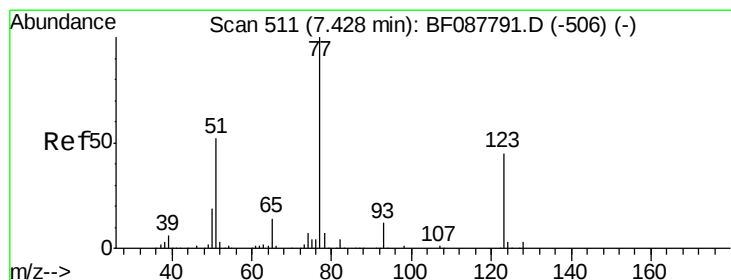
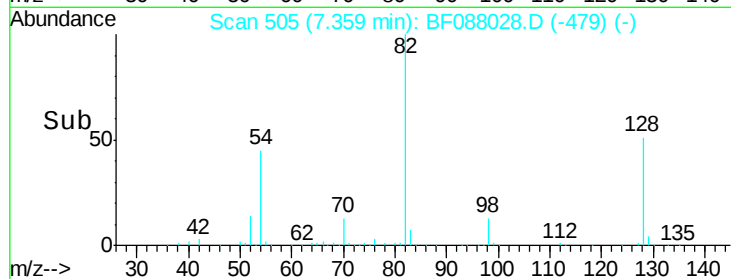
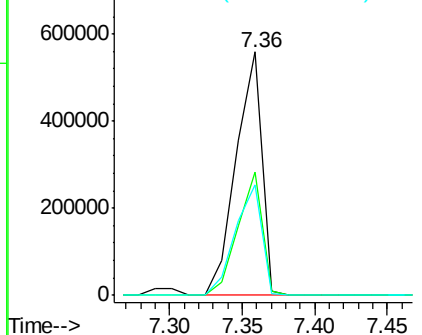
Tot Ion	Ratio	Resp	Lower	Upper
82	100	691099		
128	50.8	35.9	53.9	
54	45.2	40.9	61.3	

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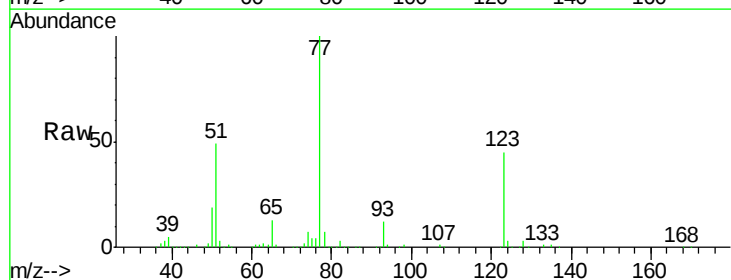


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

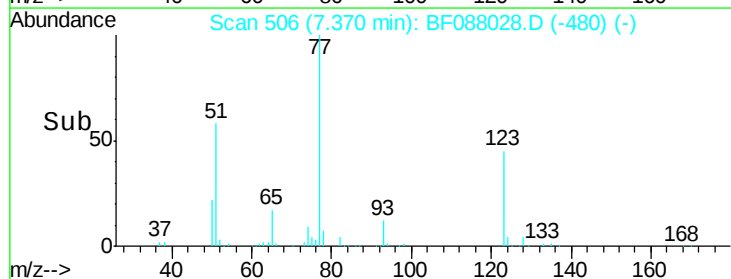
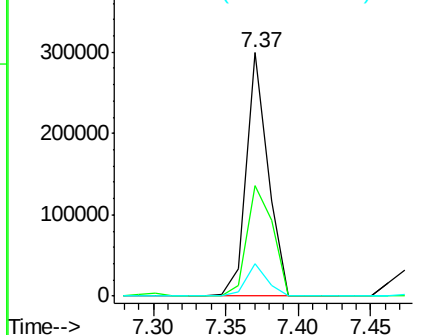


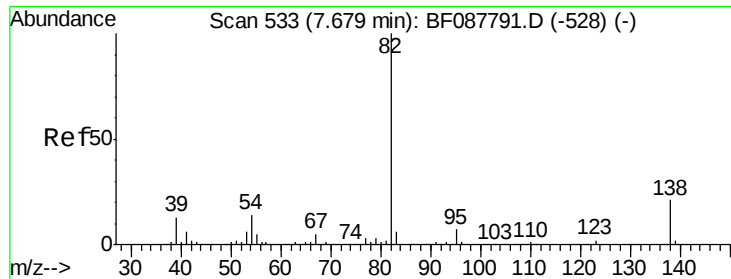
#24
 Nitrobenzene
 Concen: 43.03 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	311219		
123	45.5	45.0	67.4	
65	13.3	10.2	15.2	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.74 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

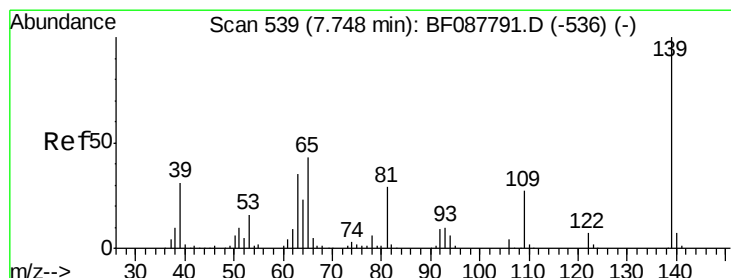
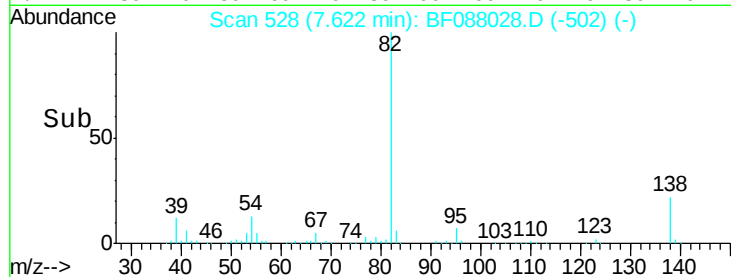
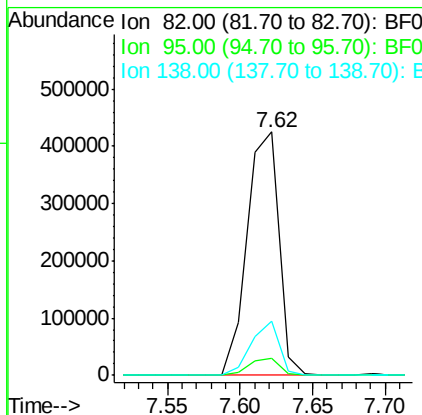
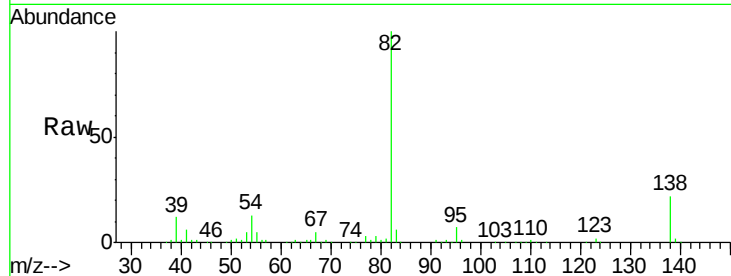
ClientSampleId :

SP16-LF2MW2MS

Tot Ion	82	Resp	646439
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	22.2	14.6	21.8#

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#26

2-Nitrophenol

Concen: 44.46 ng

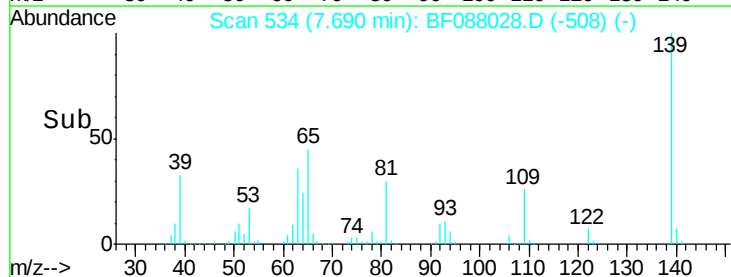
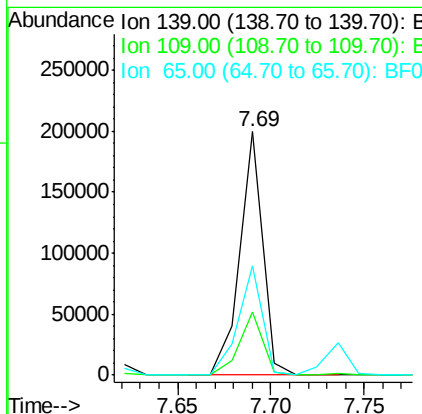
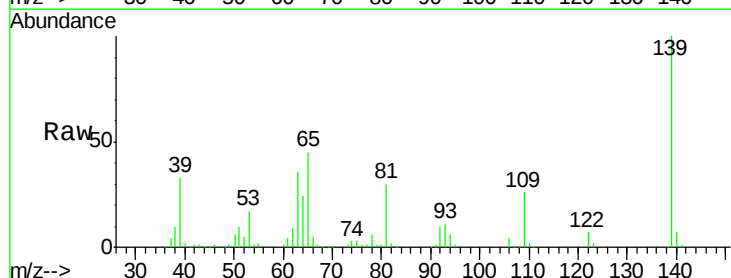
RT: 7.69 min Scan# 534

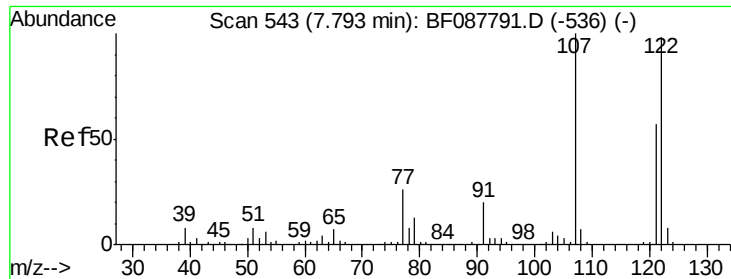
Delta R.T. -0.00 min

Lab File: BF088028.D

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Tgt Ion	139	Resp	172240
Ion Ratio	Lower	Upper	
139	100		
109	25.8	23.0	34.4
65	44.7	45.8	68.8#





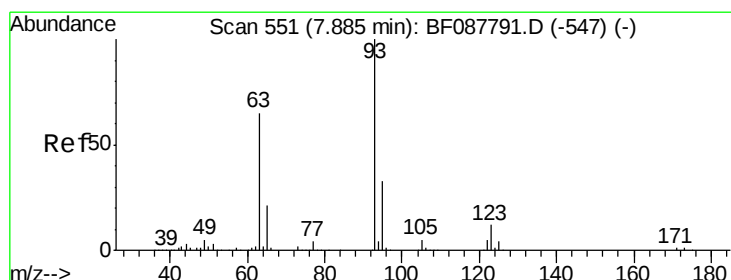
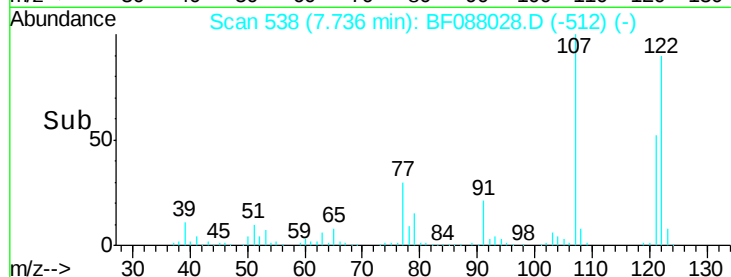
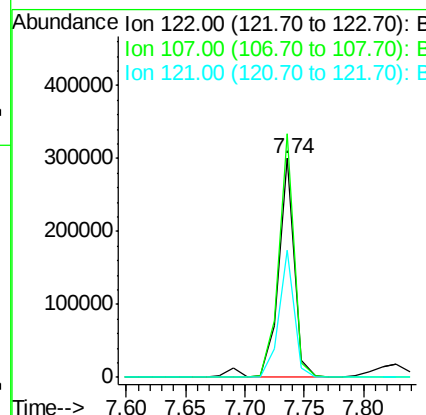
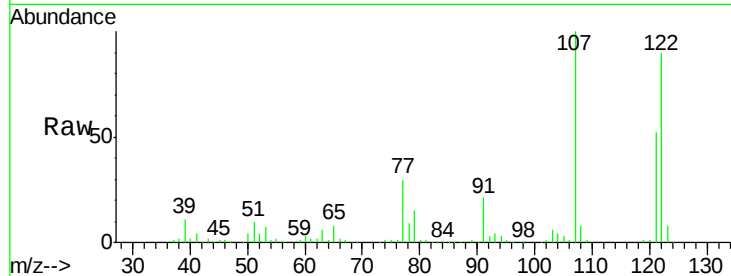
#27
2,4-Dimethylphenol
Concen: 39.90 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	284617		
107	111.1	82.4	123.6	
121	58.3	46.3	69.5	

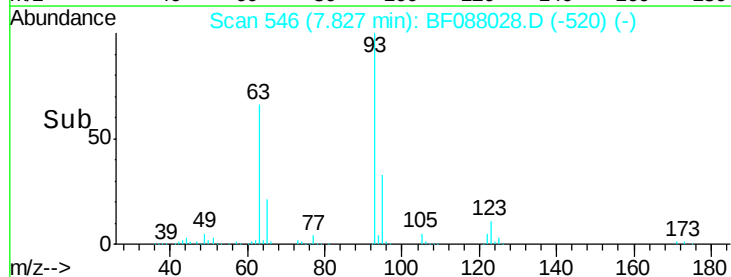
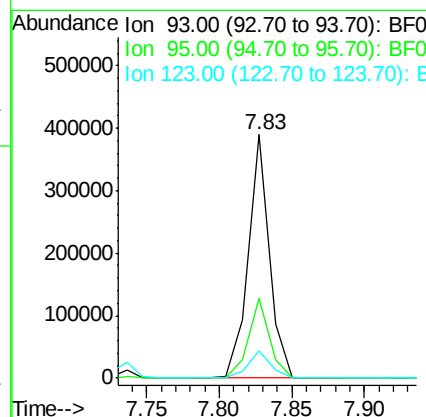
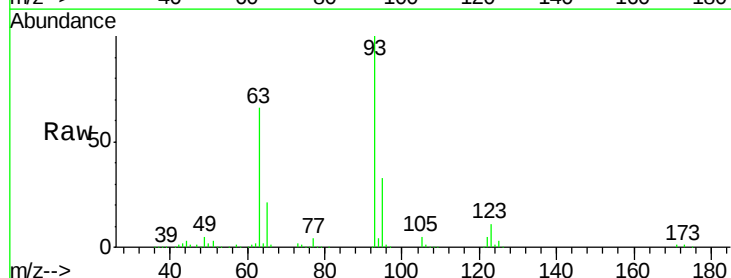
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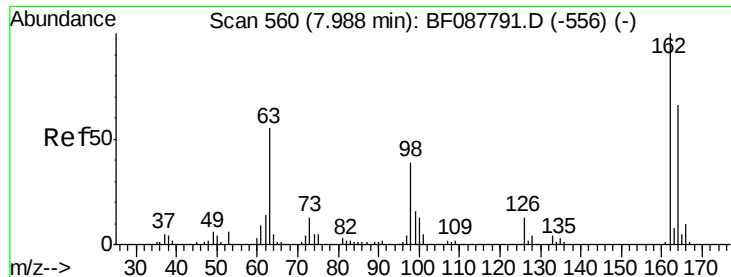
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#28
bis(2-Chloroethoxy)methane
Concen: 45.74 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	392381		
95	32.8	26.5	39.7	
123	11.1	11.6	17.4	





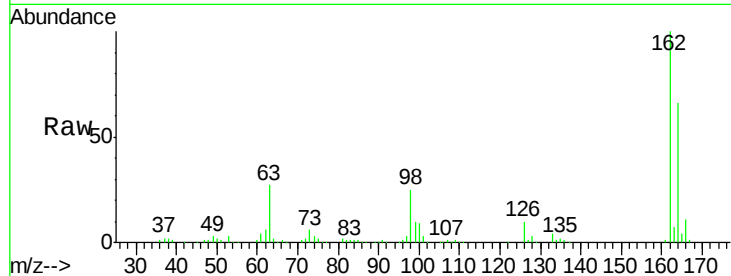
#29
 2,4-Dichlorophenol
 Concen: 43.63 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

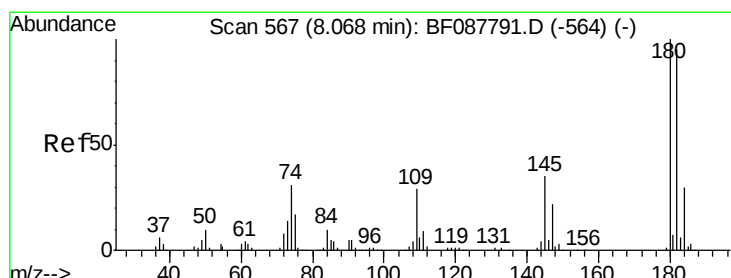
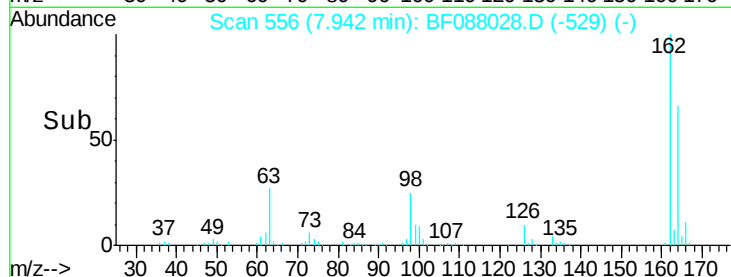
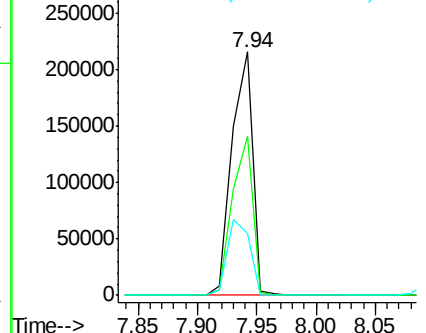
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	43.8	83.8
98	25.2	21.3	61.3

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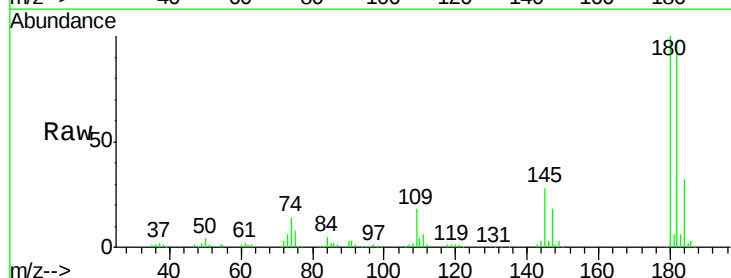


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

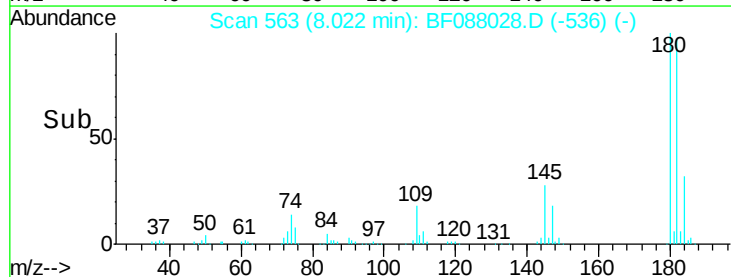
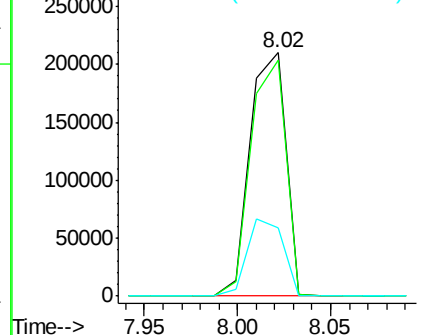


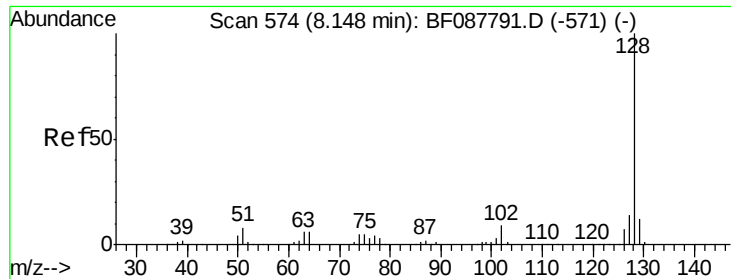
#30
 1,2,4-Trichlorobenzene
 Concen: 43.76 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.7	76.0	114.0
145	28.2	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: 43.08 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

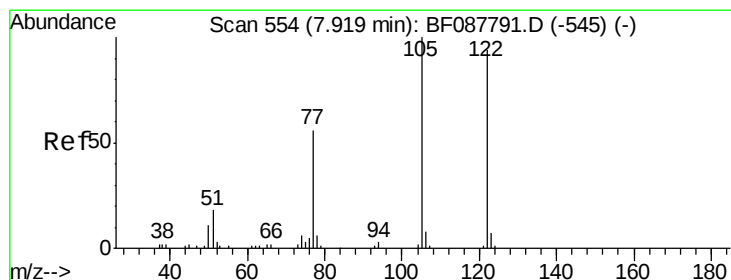
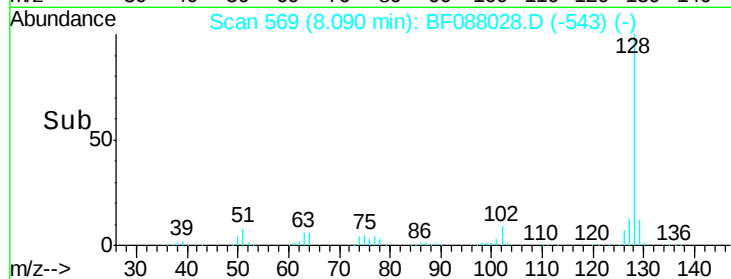
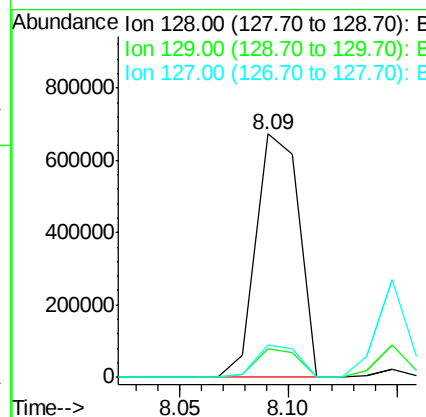
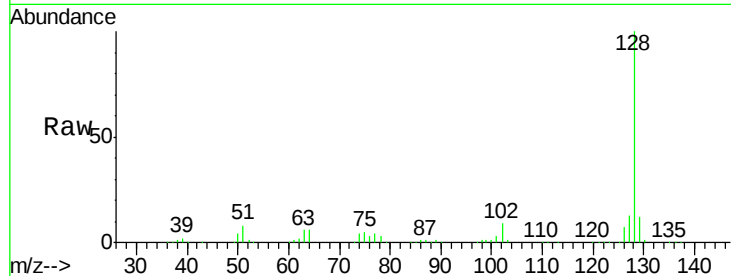
ClientSampleId :

SP16-LF2MW2MS

Tot Ion:	128	Resp:	929578
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.4	14.2
127	13.3	10.9	16.3

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#32

Benzoic acid

Concen: 9.60 ng

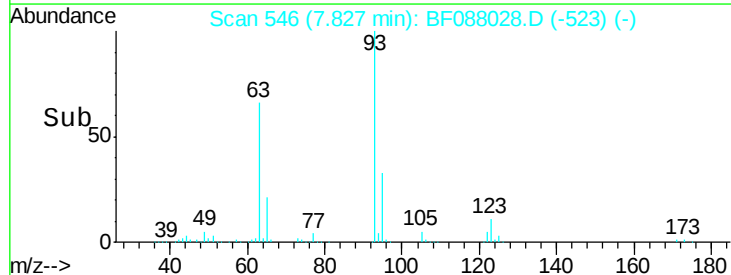
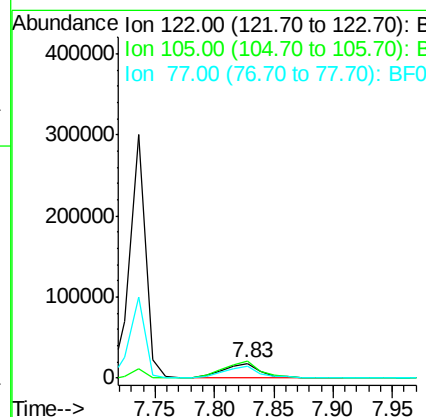
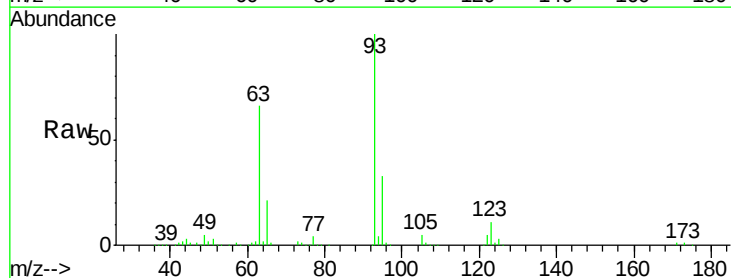
RT: 7.83 min Scan# 546

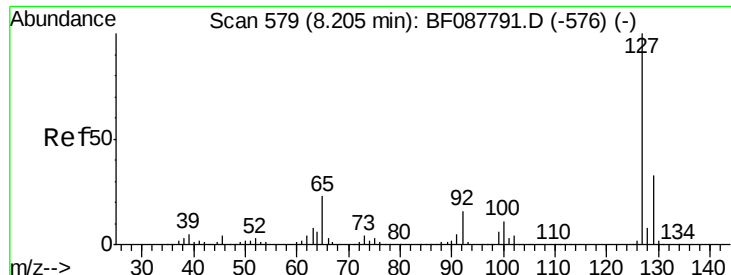
Delta R.T. -0.03 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	122	Resp:	37719
Ion Ratio	Lower	Upper	
122	100		
105	117.2	101.6	141.6
77	86.2	70.6	110.6





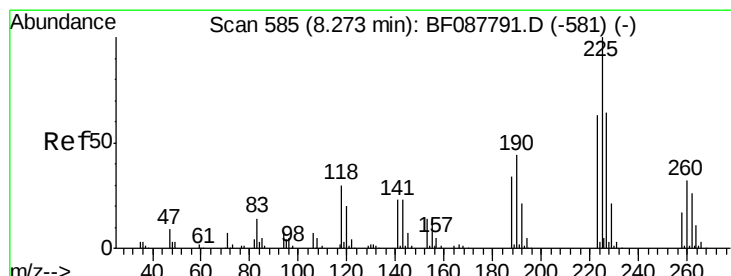
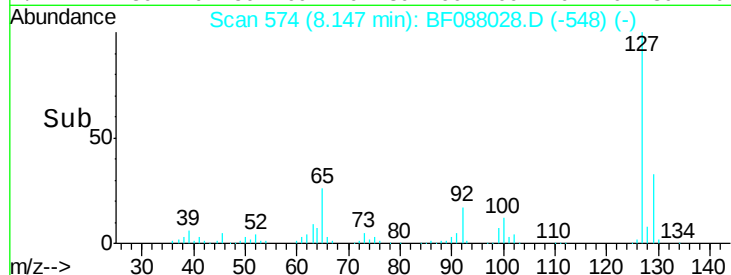
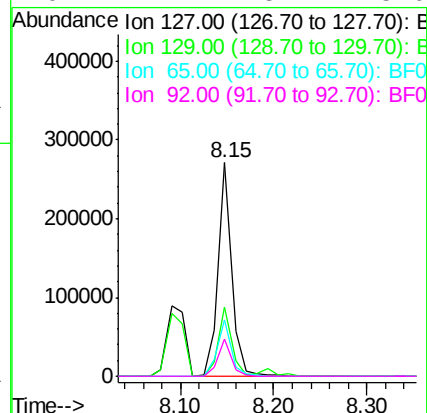
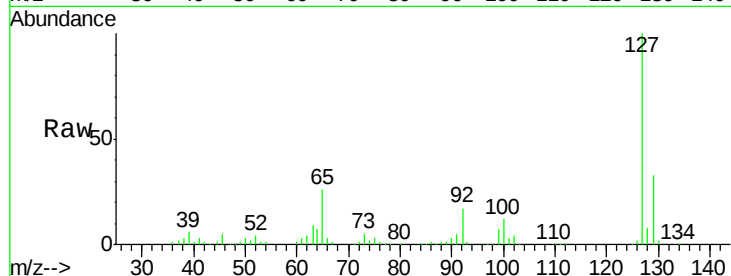
#33
4-Chloroaniline
Concen: 28.61 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.3	39.5		
65	26.5	24.7	37.1		
92	17.2	15.4	23.0		

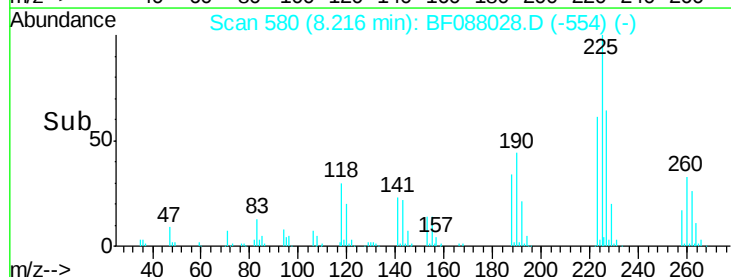
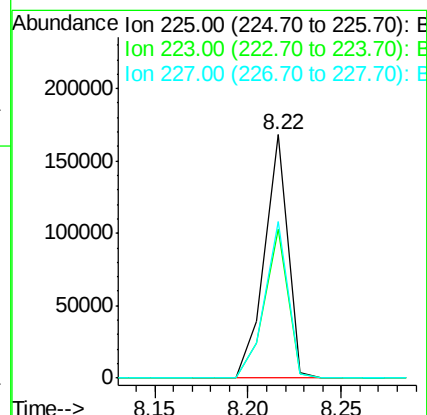
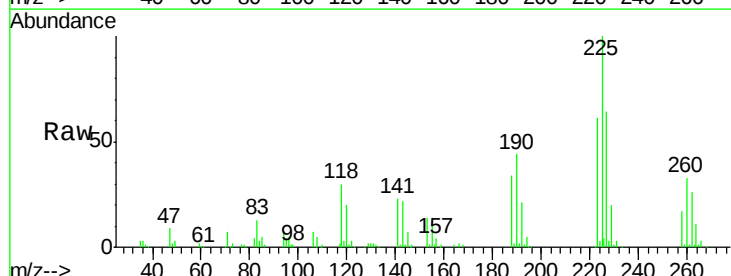
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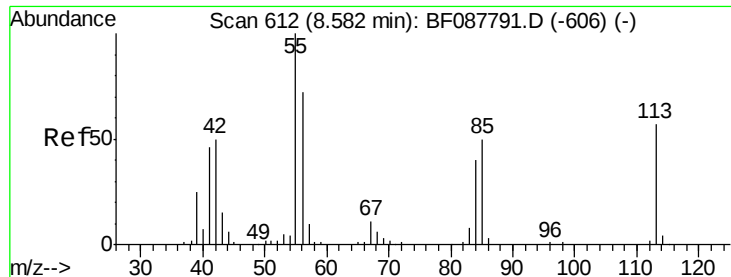
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#34
Hexachlorobutadiene
Concen: 42.39 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.9	76.3		
227	64.1	51.9	77.9		





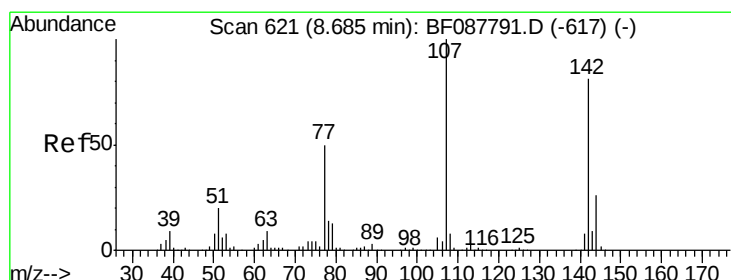
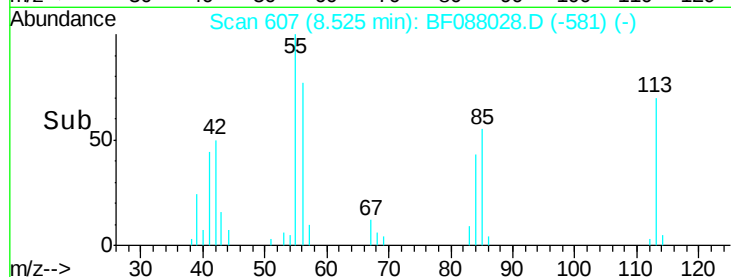
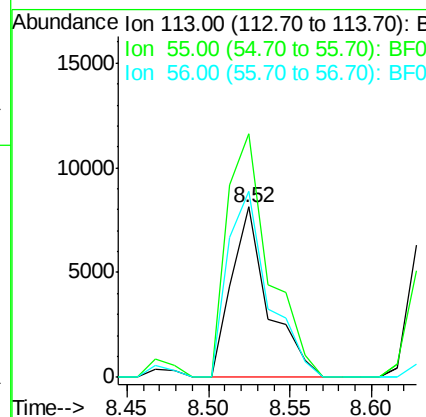
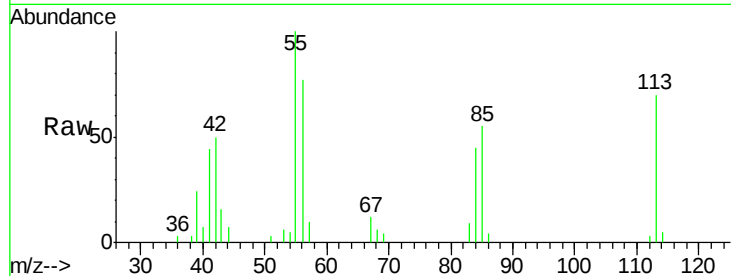
#35
 Caprolactam
 Concen: 6.46 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.2	158.6	198.6#
56	109.7	110.6	150.6#

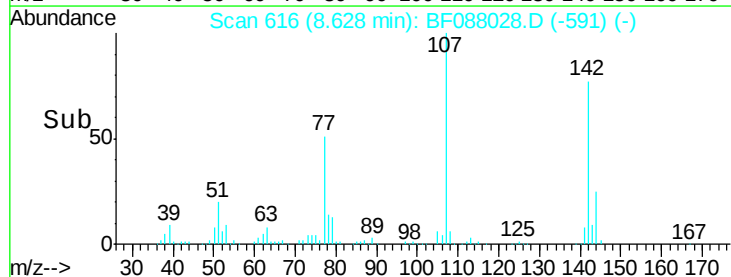
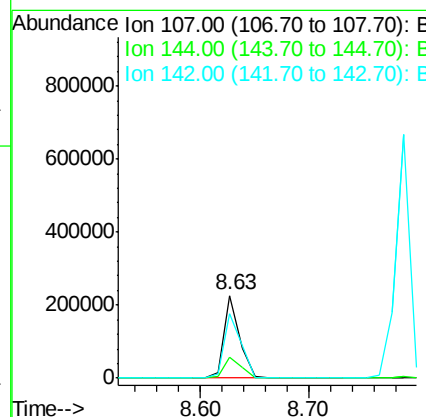
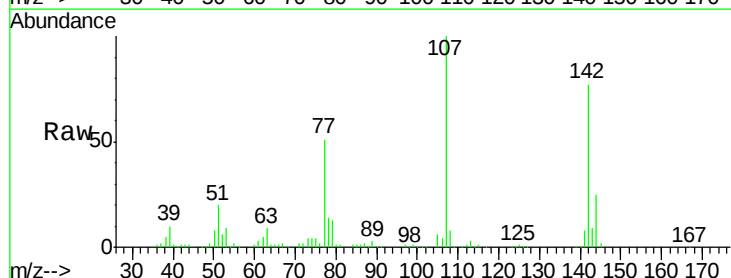
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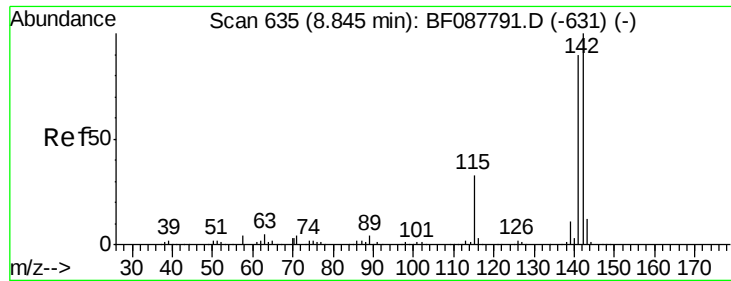
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#36
 4-Chloro-3-methylphenol
 Concen: 35.70 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.8	31.2
142	77.0	63.4	95.2





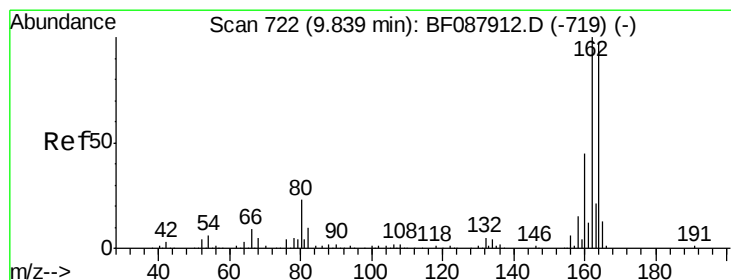
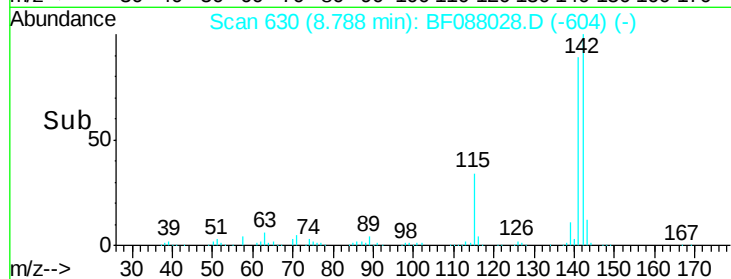
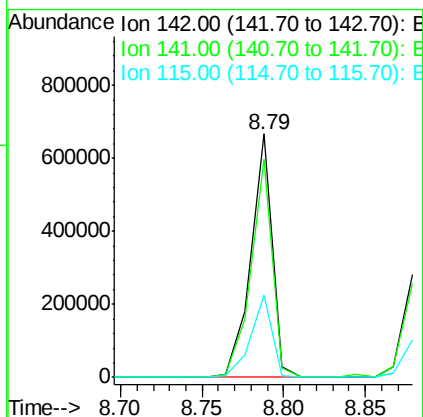
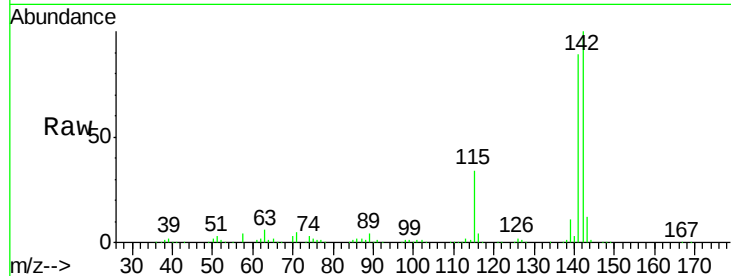
#37
2-Methylnaphthalene
Concen: 42.73 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	33.6	22.6	33.8

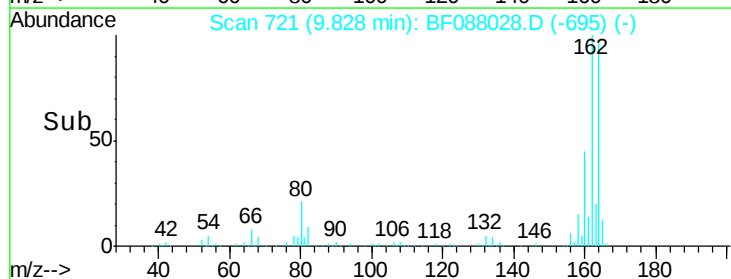
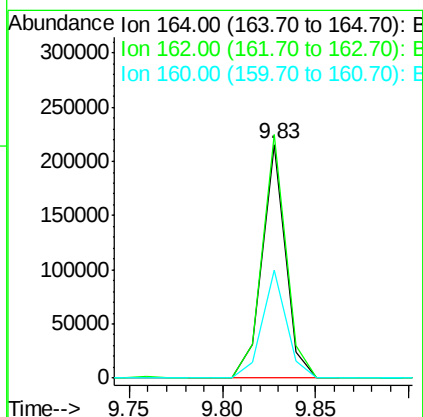
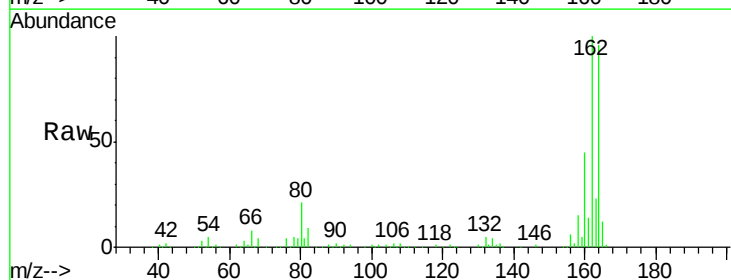
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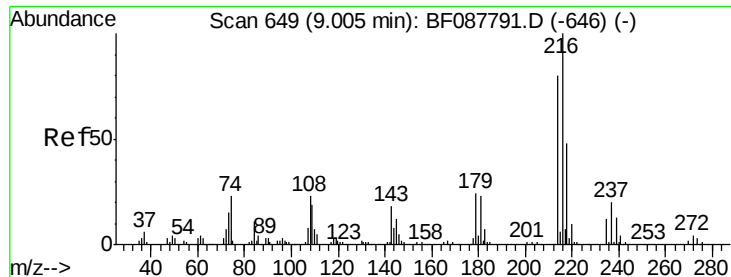
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	46.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 65.03 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

Tot Ion:216 Resp: 268366
Ion Ratio Lower Upper

216 100

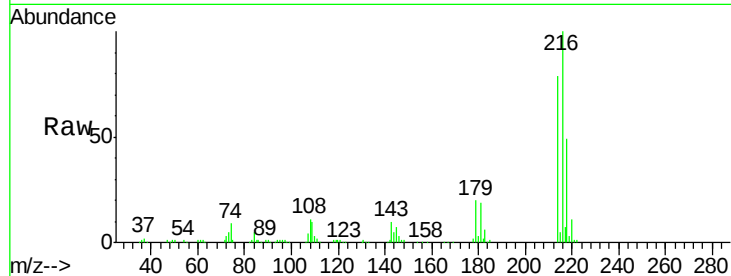
214 79.6 2.9 4.3#

179 21.8 0.0 0.0#

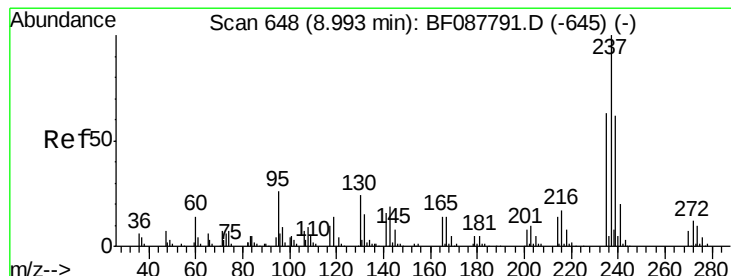
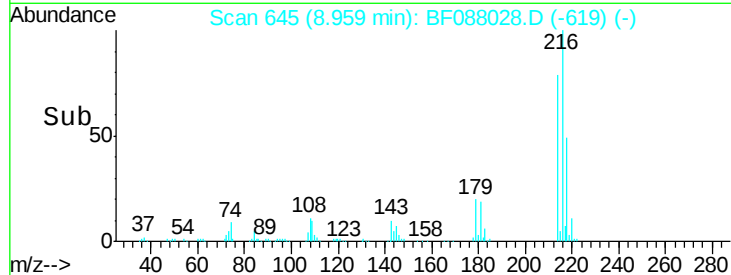
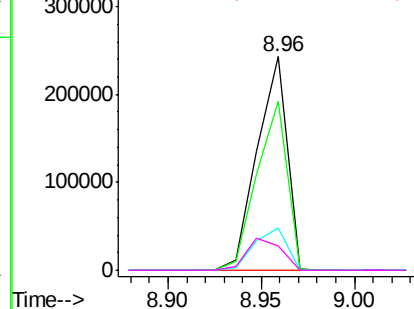
108 17.6 0.5 0.7#

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



#40

Hexachlorocyclopentadiene

Concen: 9.72 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF088028.D

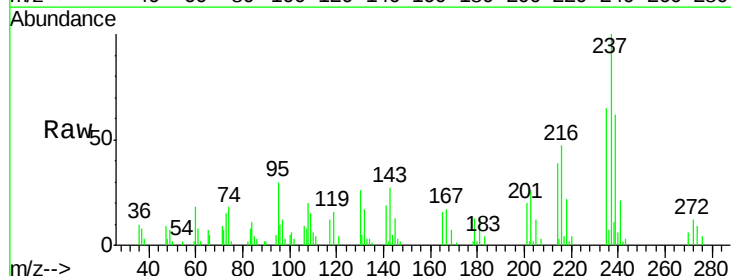
Acq: 15 Jun 2016 5:47

Tgt Ion:237 Resp: 29203
Ion Ratio Lower Upper

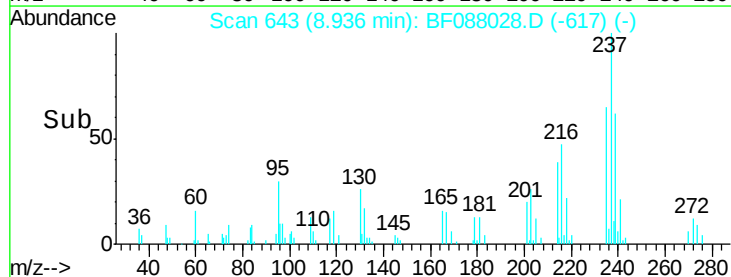
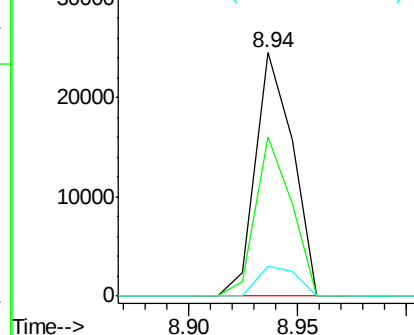
237 100

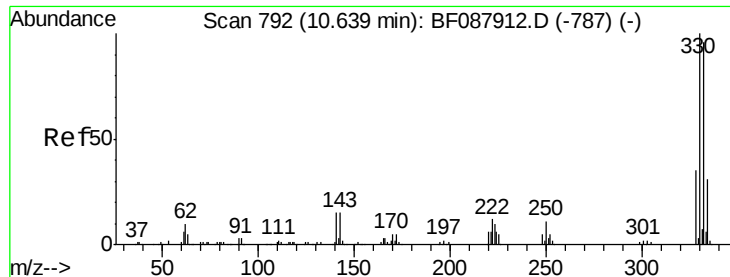
235 65.2 43.4 83.4

272 12.2 0.0 32.3



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





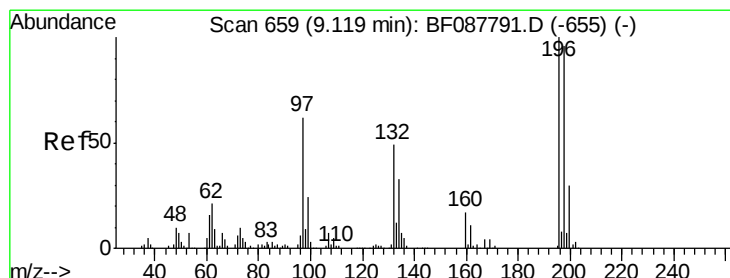
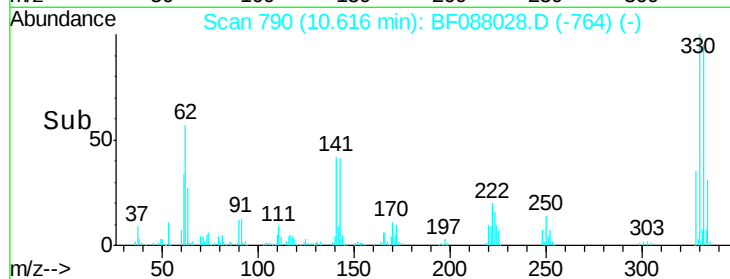
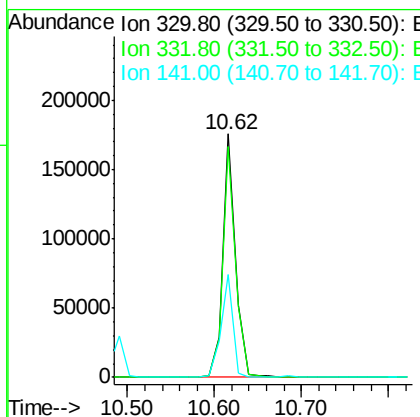
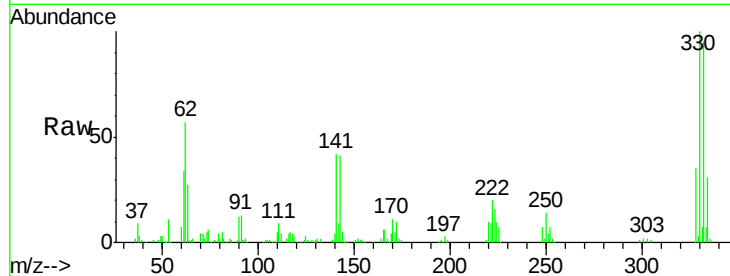
#41
 2,4,6-Tribromophenol
 Concen: 92.01 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	39.9	0.0	0.0#

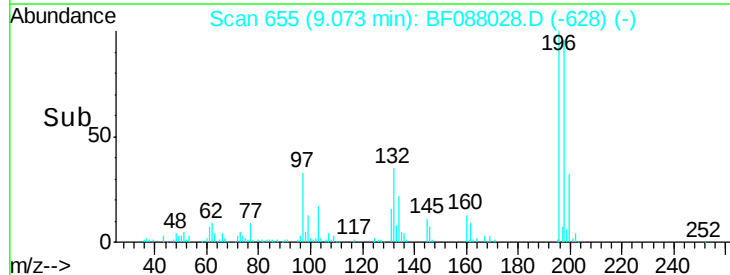
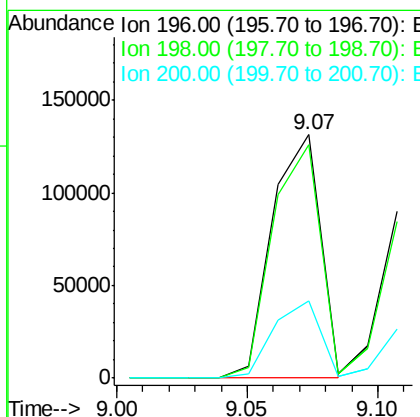
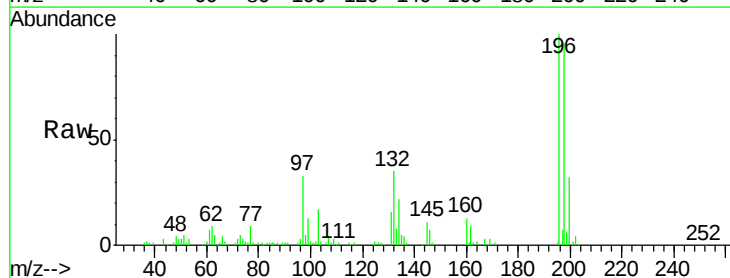
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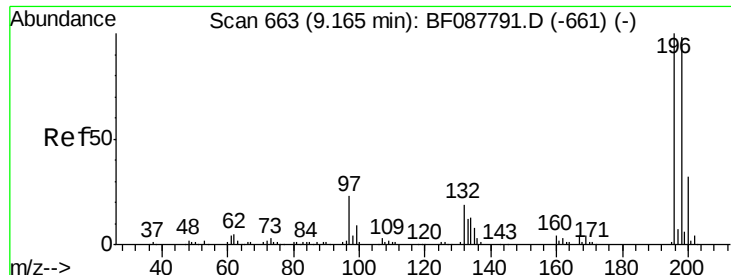
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#42
 2,4,6-Trichlorophenol
 Concen: 45.04 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.7	78.0	117.0
200	31.8	25.4	38.2





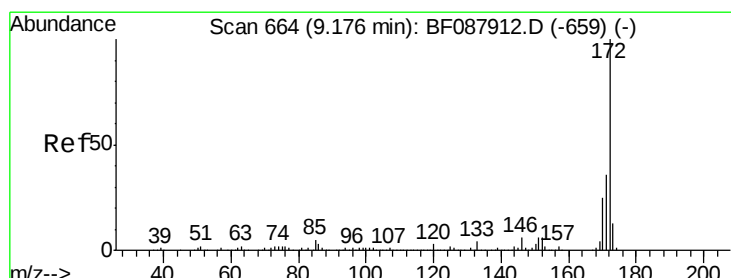
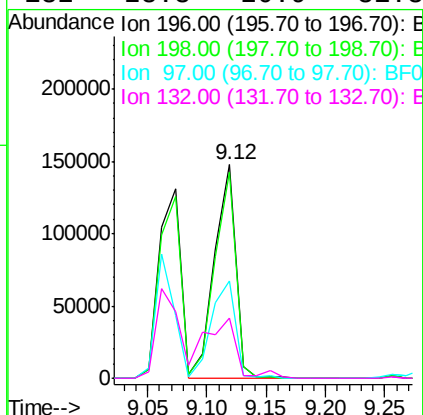
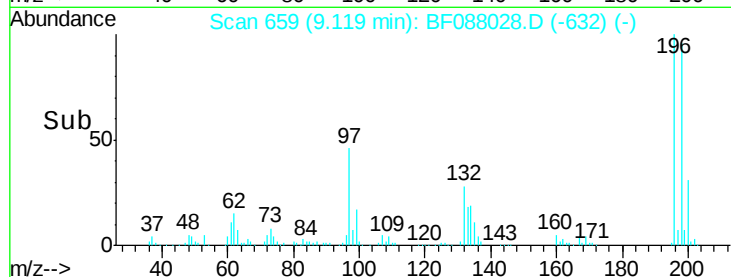
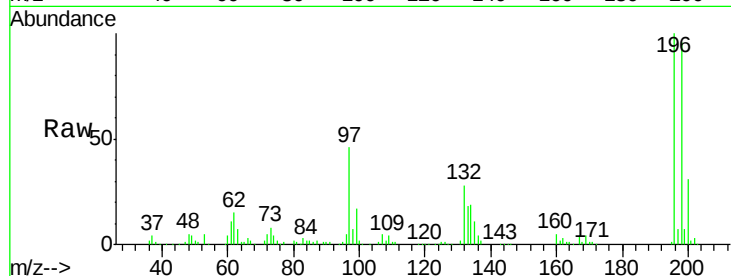
#43
 2,4,5-Trichlorophenol
 Concen: 46.93 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		181929		
198	96.4	77.5	116.3		
97	45.7	32.0	48.0		
132	28.3	20.9	31.3		

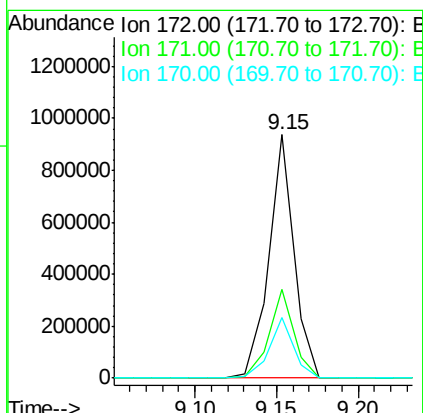
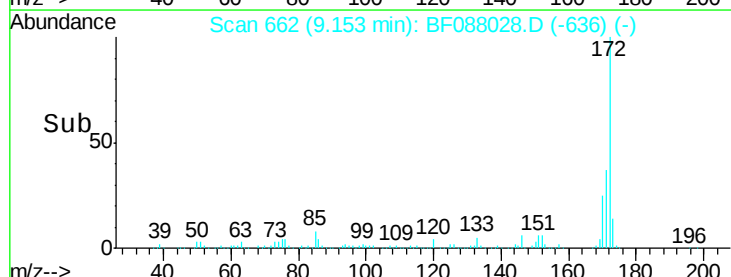
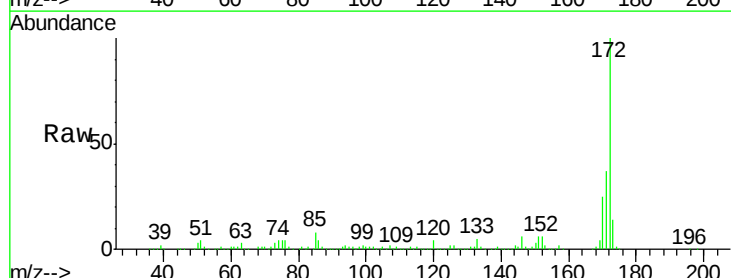
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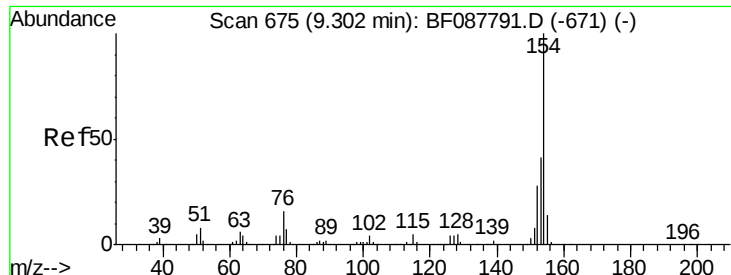
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#44
 2-Fluorobiphenyl
 Concen: 85.16 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1009927		
171	36.6	28.6	43.0		
170	24.7	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 54.74 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

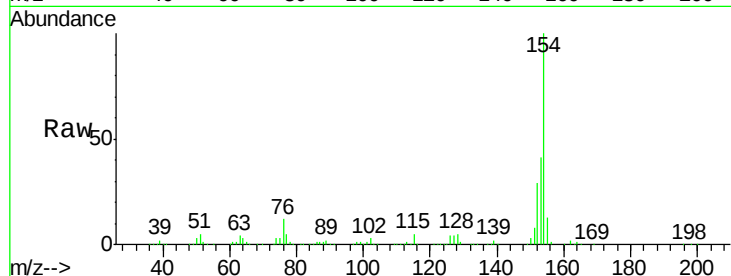
ClientSampleId :

SP16-LF2MW2MS

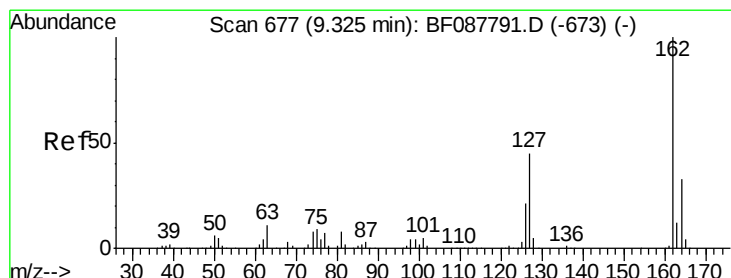
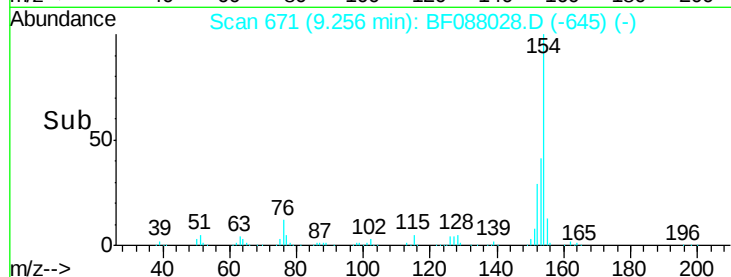
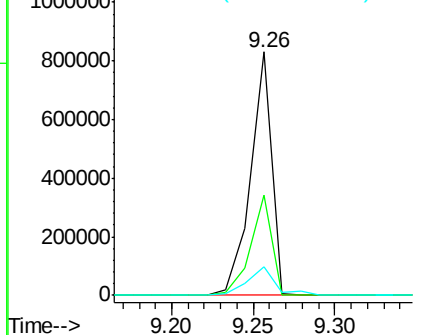
Tot Ion:	154	Resp:	746704
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	11.9	0.0	35.1

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



#46

2-Chloronaphthalene

Concen: 47.61 ng

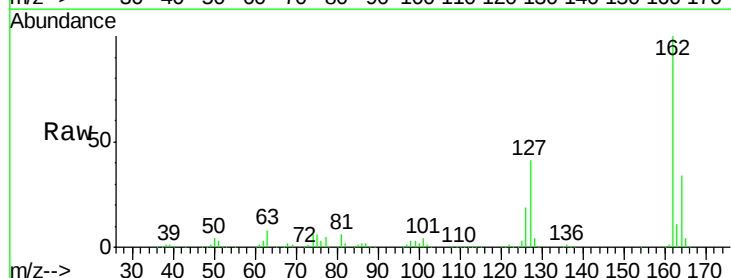
RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

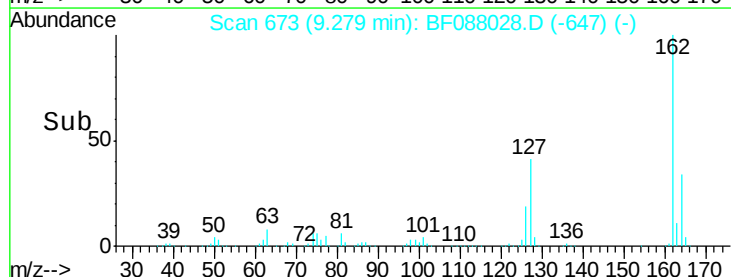
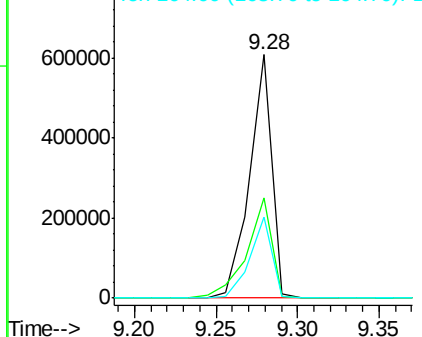
Lab File: BF088028.D

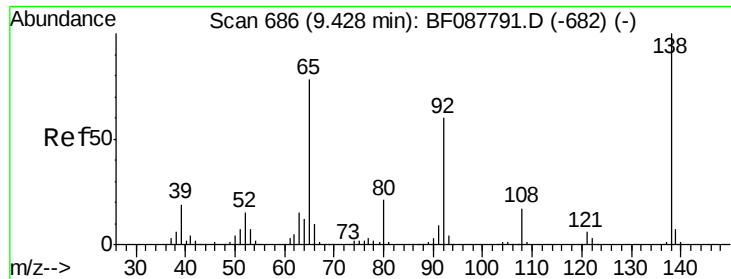
Acq: 15 Jun 2016 5:47

Tgt Ion:	162	Resp:	574010
Ion Ratio	Lower	Upper	
162	100		
127	41.1	35.2	52.8
164	33.5	26.6	39.8



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





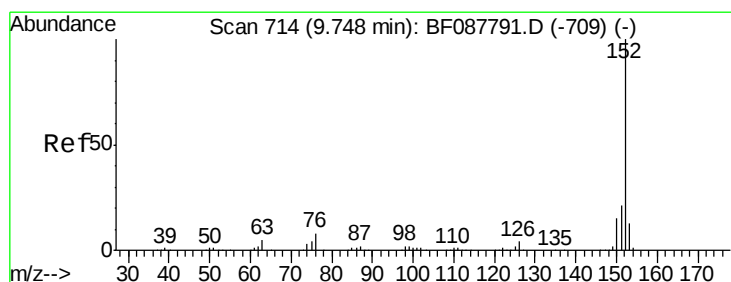
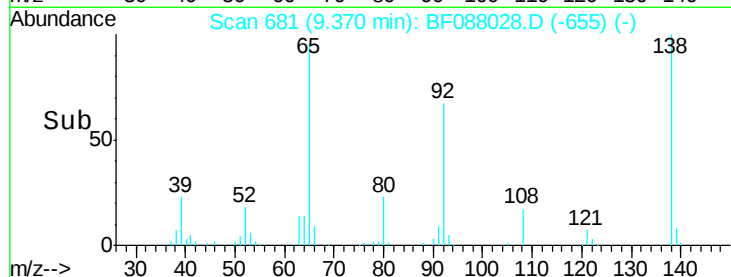
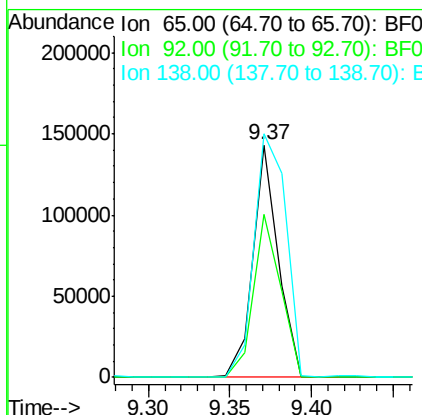
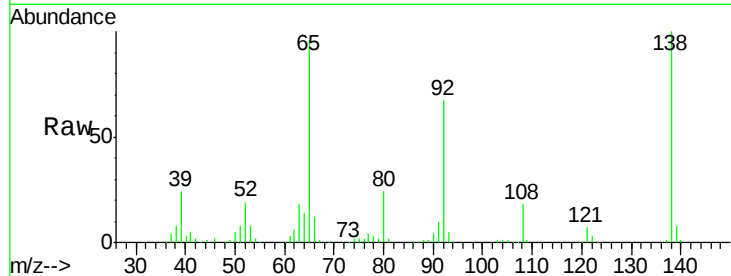
#47
2-Nitroaniline
Concen: 43.41 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	54.6	82.0
138	104.6	77.0	115.4

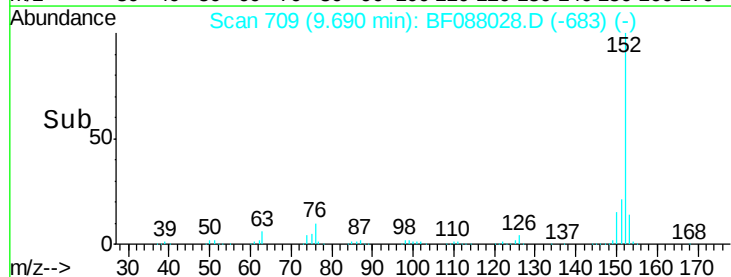
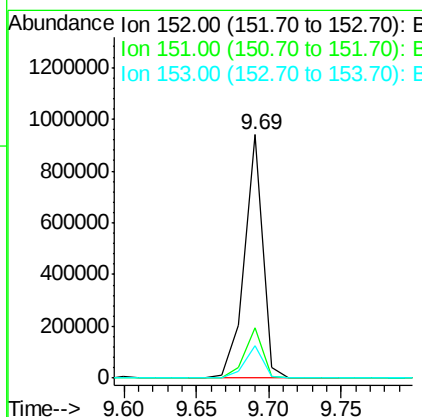
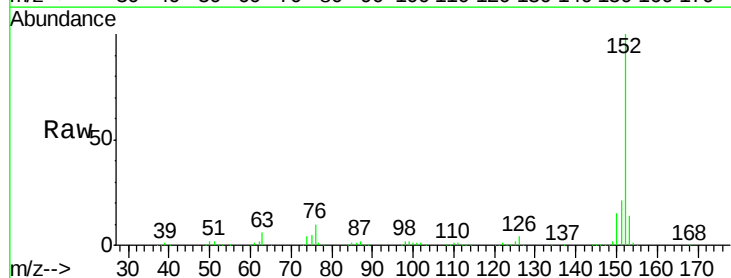
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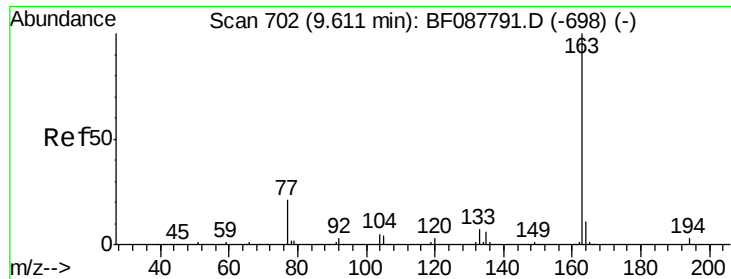
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#48
Acenaphthylene
Concen: 42.80 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.6	11.0	16.6





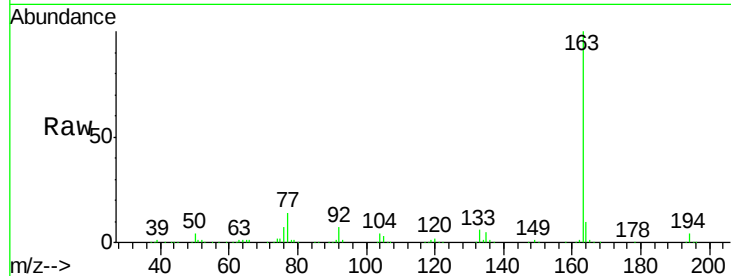
#49
Dimethylphthalate
Concen: 55.21 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

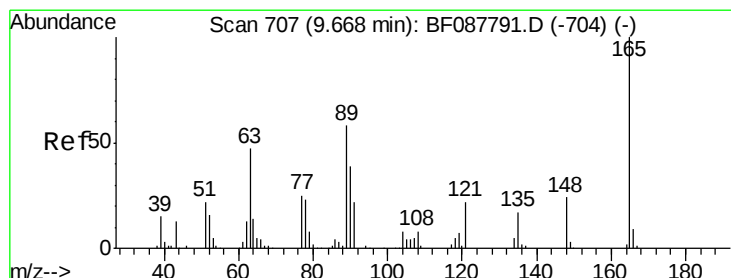
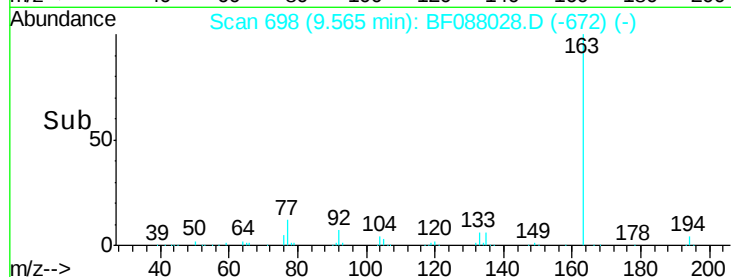
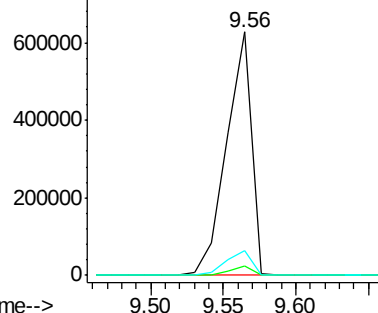
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.1	8.3	12.5

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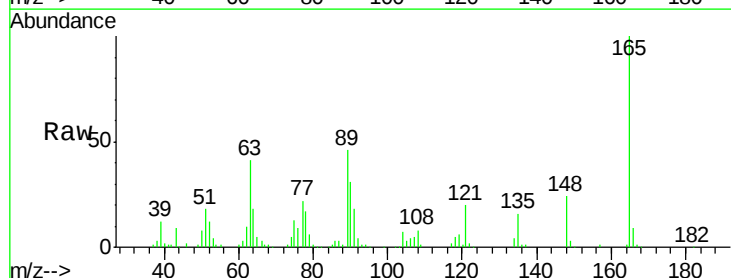


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

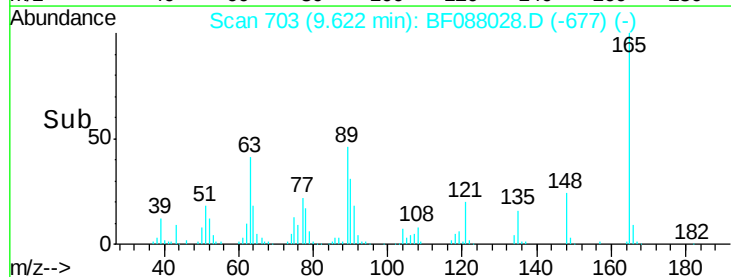
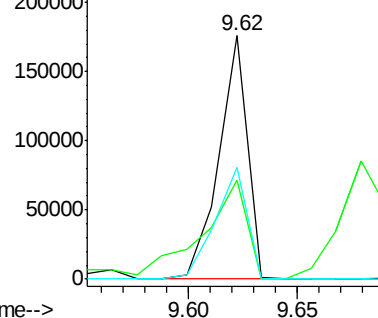


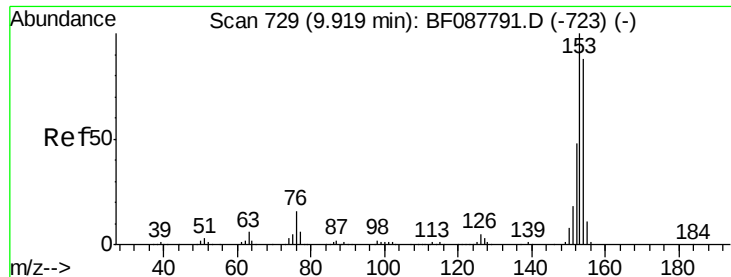
#50
2,6-Dinitrotoluene
Concen: 51.60 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	40.6	28.1	42.1
89	45.8	32.2	48.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.30 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

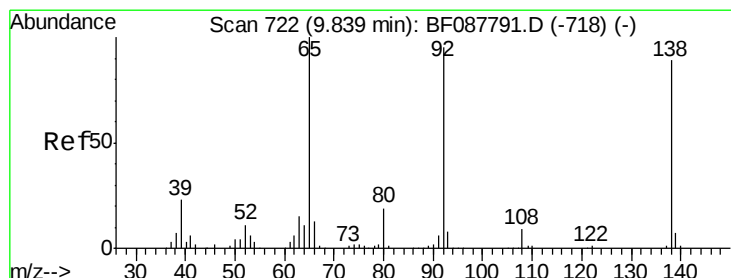
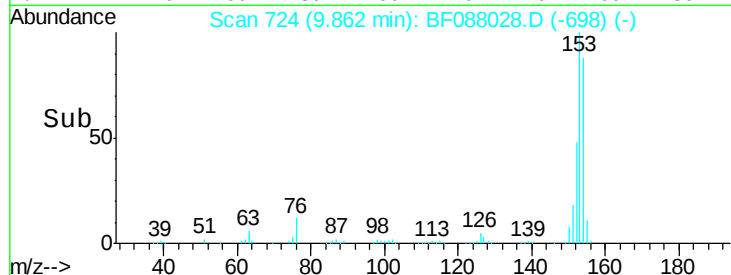
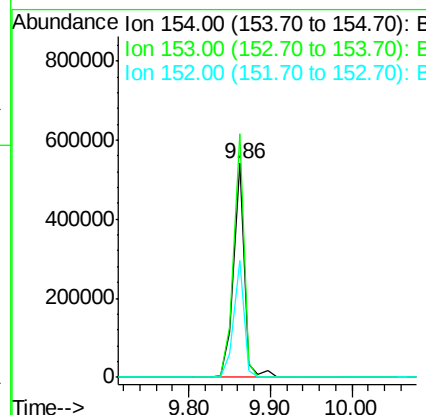
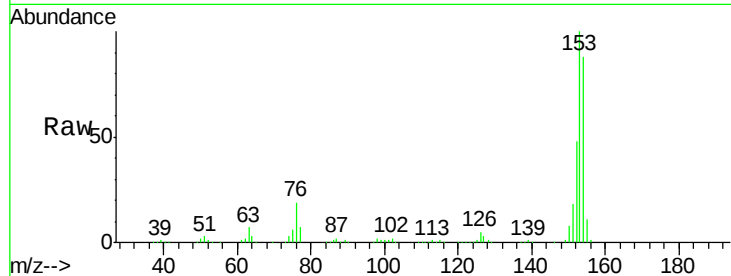
ClientSampleId :

SP16-LF2MW2MS

Tot Ion:	154	Resp:	494149
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.5	134.3
152	54.8	42.7	64.1

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#52

3-Nitroaniline

Concen: 30.32 ng

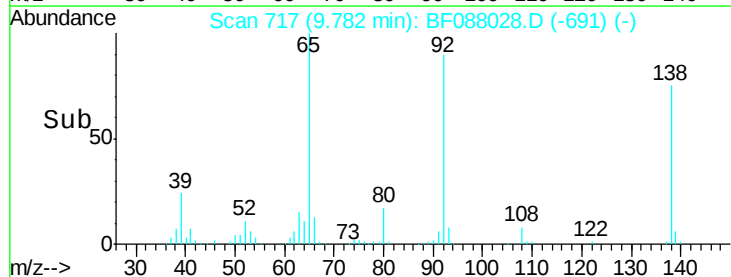
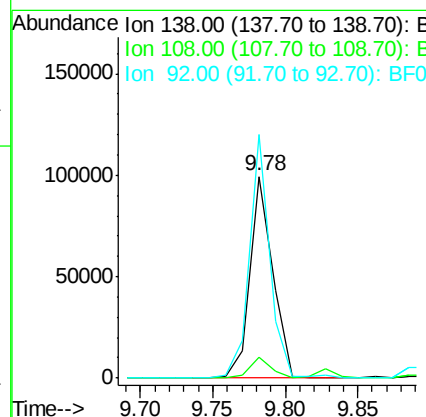
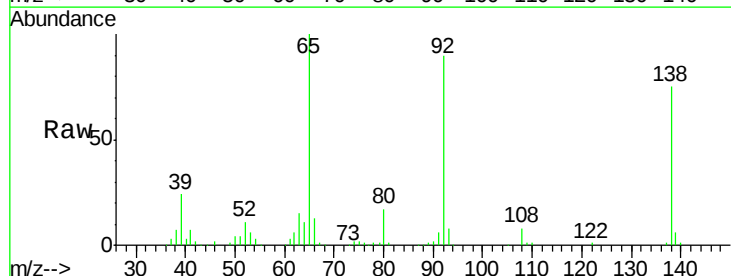
RT: 9.78 min Scan# 717

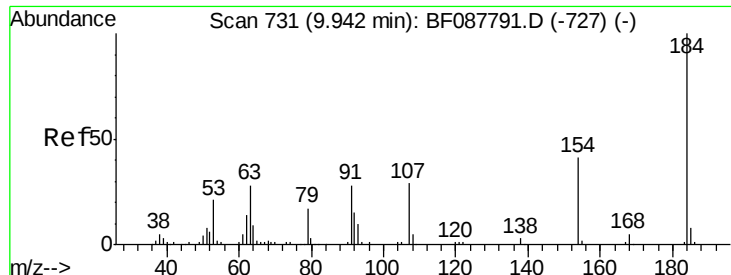
Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	138	Resp:	108151
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	120.9	95.7	143.5





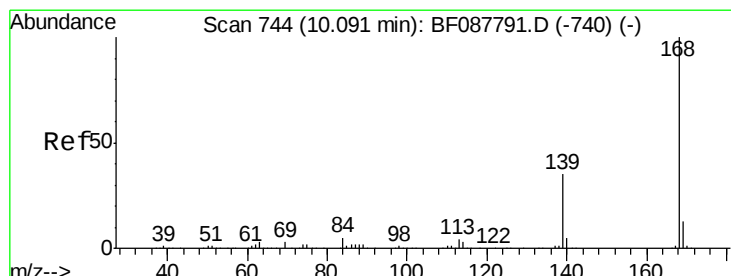
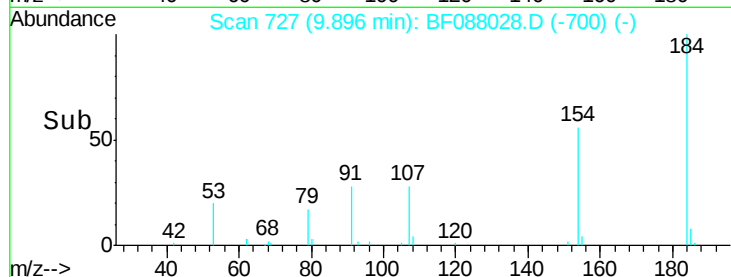
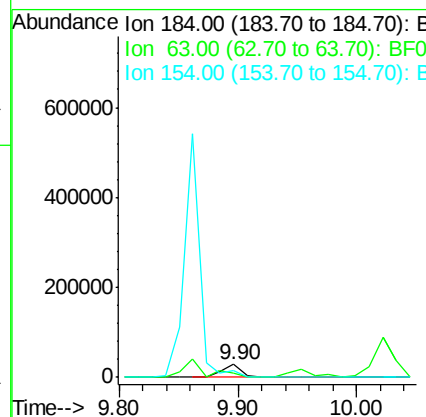
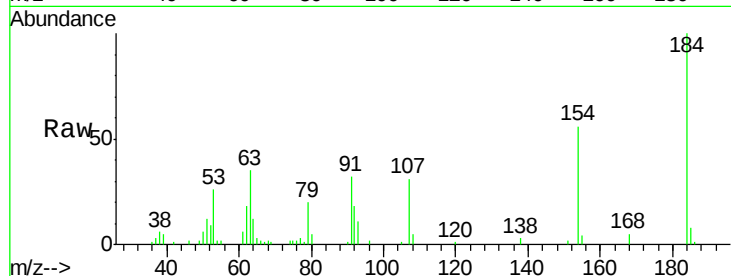
#53
2,4-Dinitrophenol
Concen: 25.10 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	32899		
63	35.3	57.6	86.4#	
154	55.9	53.5	80.3	

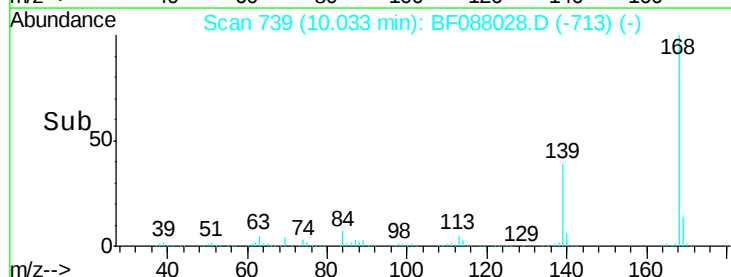
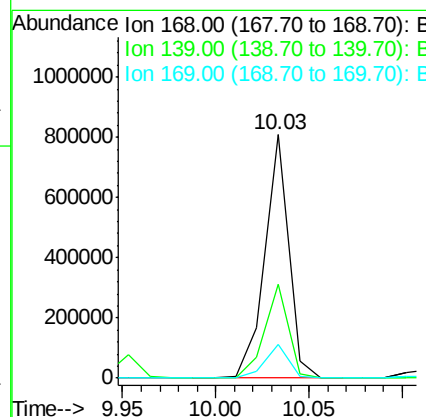
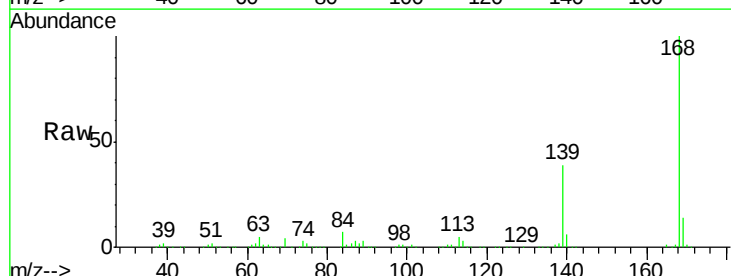
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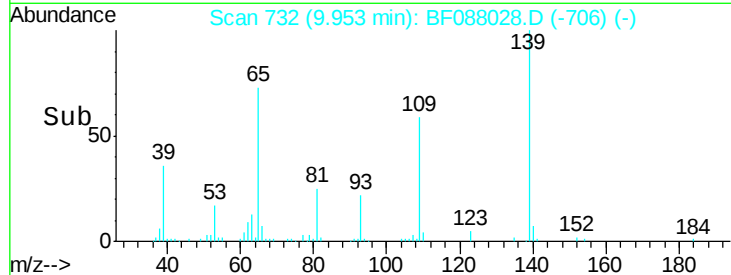
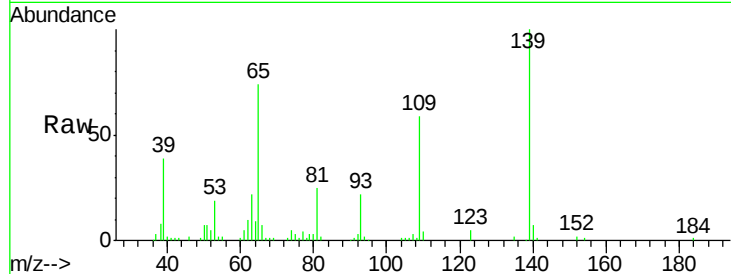
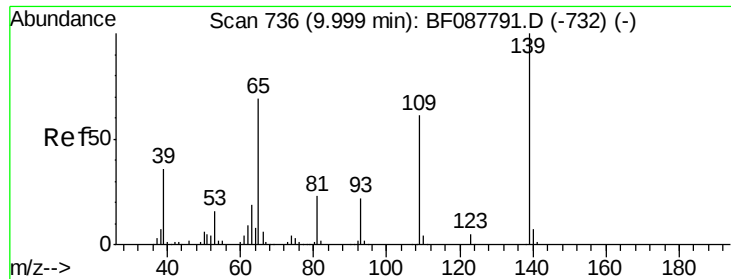
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#54
Dibenzofuran
Concen: 43.21 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	712003		
139	38.8	26.4	39.6	
169	13.9	10.4	15.6	





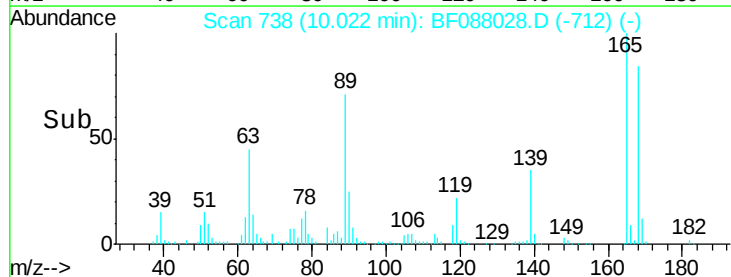
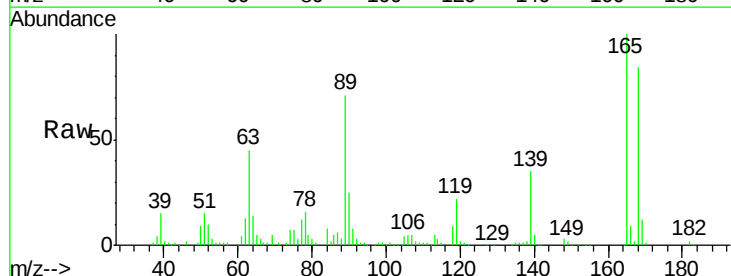
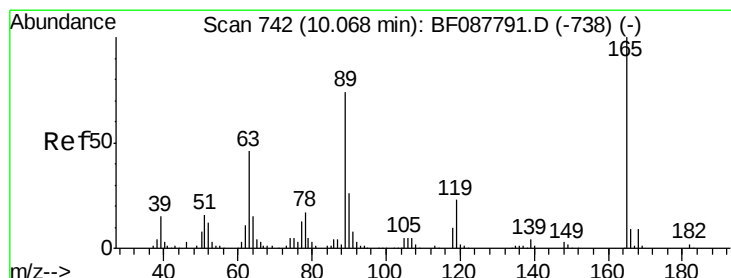
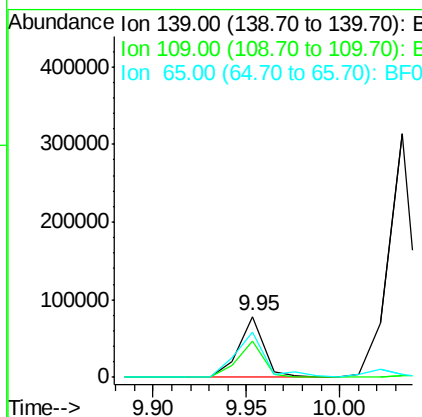
#55
4-Nitrophenol
Concen: 26.76 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tot Ion	Ratio	Resp	Lower	Upper
139	100	74073		
109	59.5	48.9	88.9	
65	73.7	84.9	124.9	

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

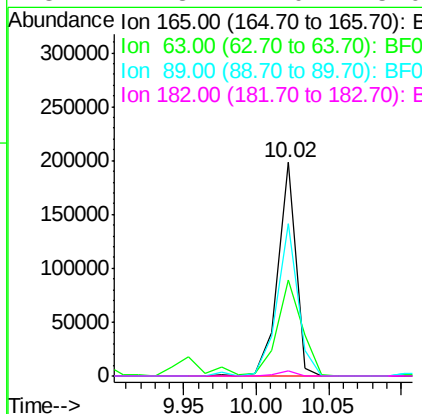
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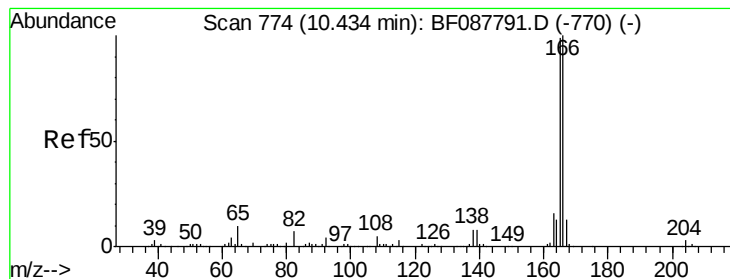
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#56
2,4-Dinitrotoluene
Concen: 43.07 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171069		
63	44.7	22.0	33.0	
89	71.2	41.1	61.7	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 48.82 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

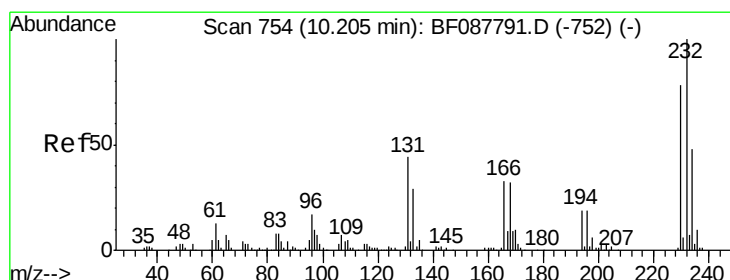
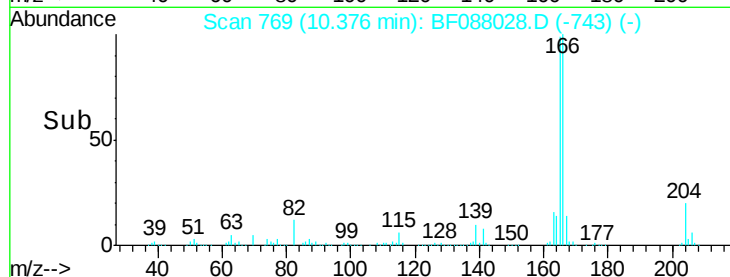
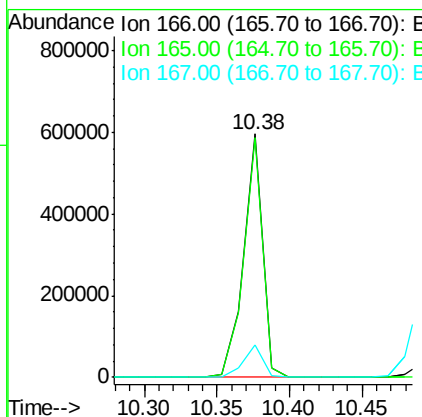
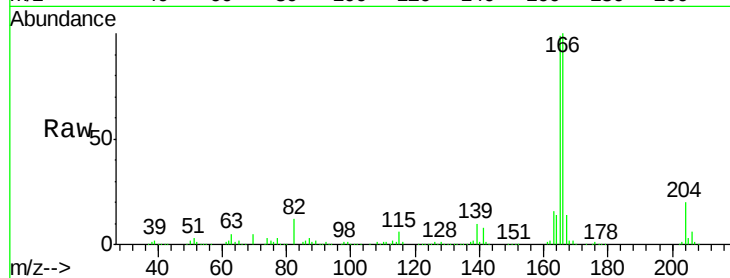
ClientSampleId :

SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	77.8	116.8	
167	13.6	11.2	16.8	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.21 ng

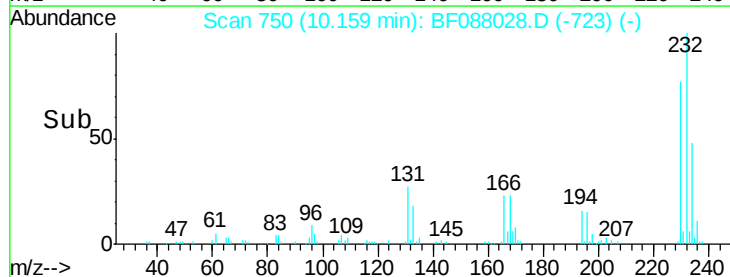
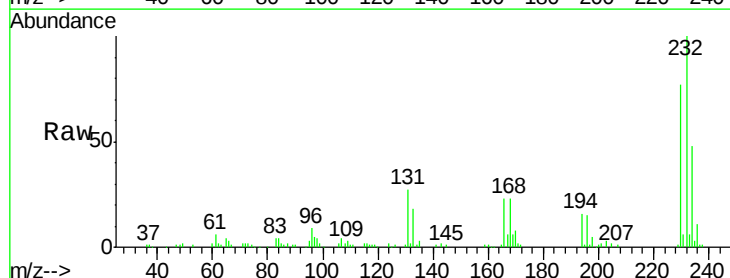
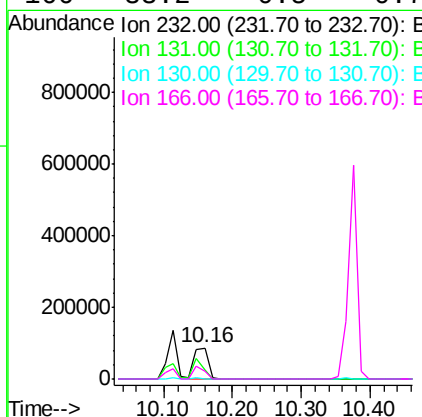
RT: 10.16 min Scan# 750

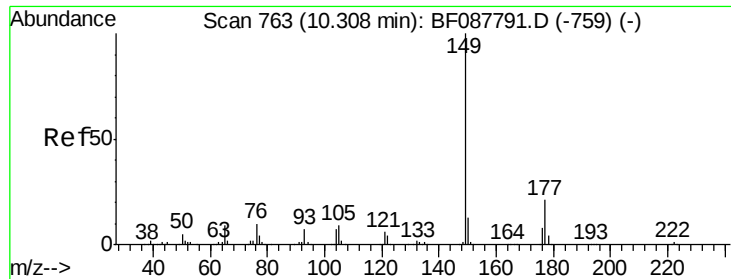
Delta R.T. 0.01 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.1	0.9	1.3#	
130	2.2	1.5	2.3	
166	33.2	0.5	0.7#	





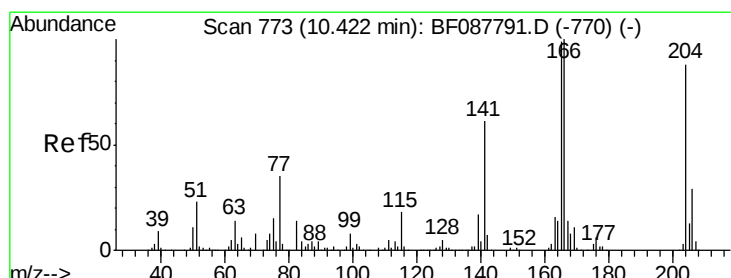
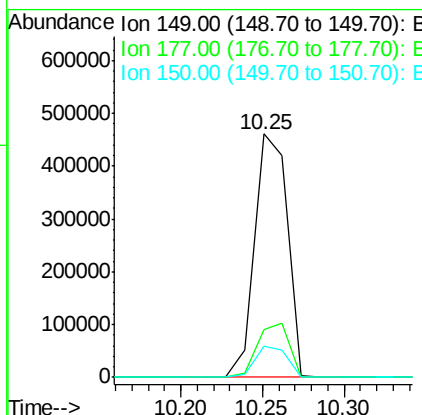
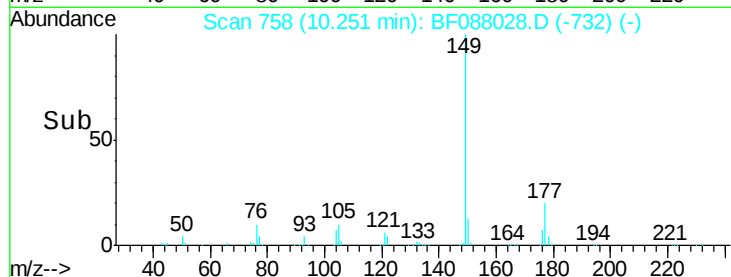
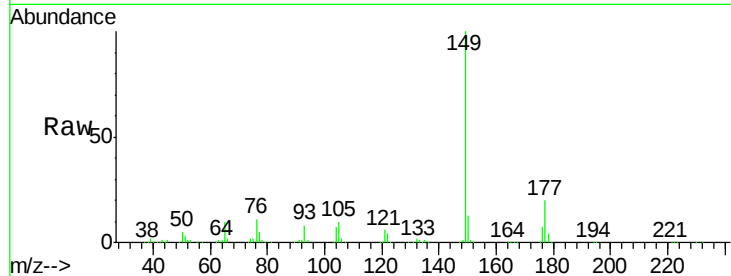
#59
Diethylphthalate
Concen: 47.06 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	642961		
177	19.6	16.9	25.3	
150	12.8	10.1	15.1	

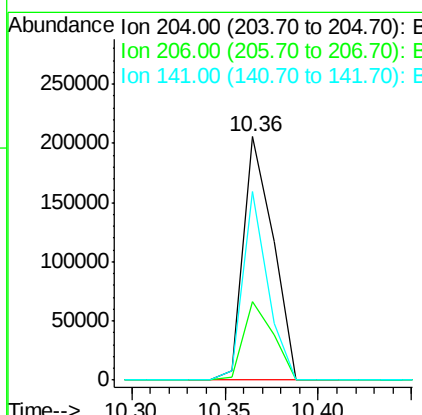
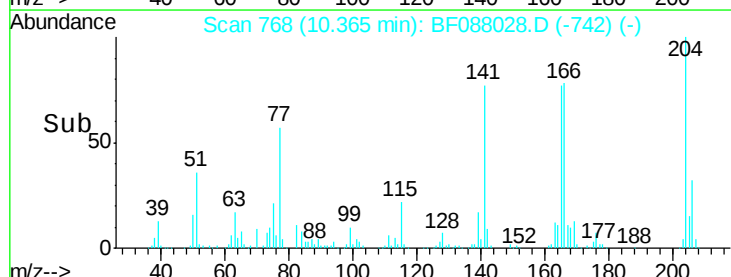
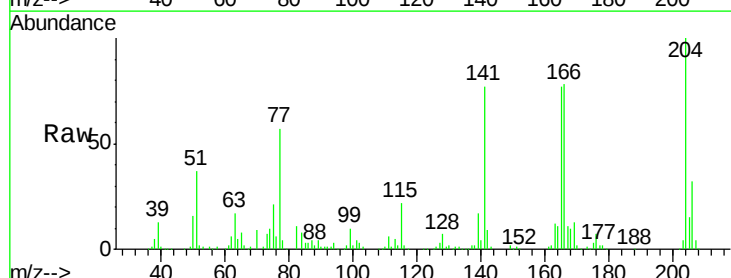
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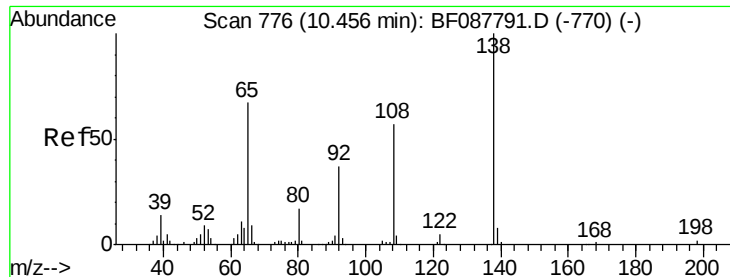
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.35 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	226570		
206	32.4	26.3	39.5	
141	77.3	55.0	82.6	





#61

4-Nitroaniline

Concen: 42.12 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

ClientSampleId :

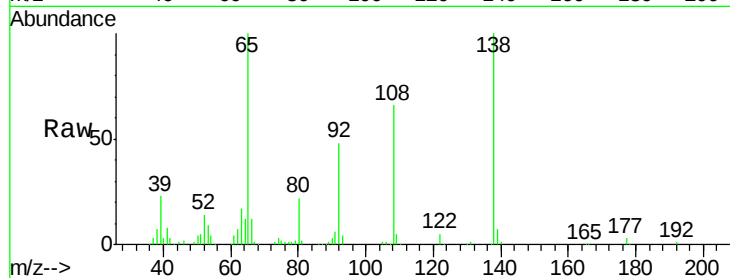
SP16-LF2MW2MS

Manual Integrations
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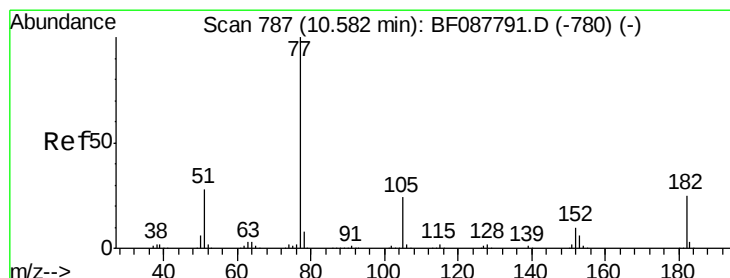
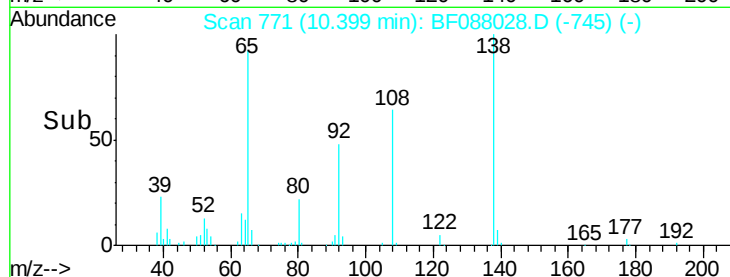
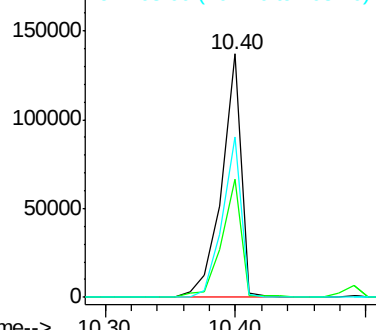
Tot Ion:	138	Resp:	142480
Ion Ratio	Lower	Upper	
138	100		
92	48.4	27.3	67.3
108	65.9	46.7	86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.96 ng

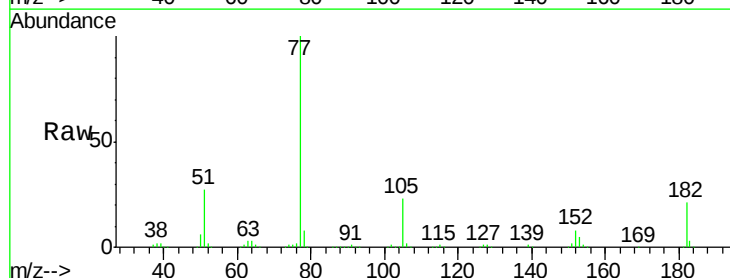
RT: 10.52 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	77	Resp:	566901
Ion Ratio	Lower	Upper	
77	100		
182	20.6	4.4	44.4
105	22.9	3.8	43.8
51	26.8	9.3	49.3

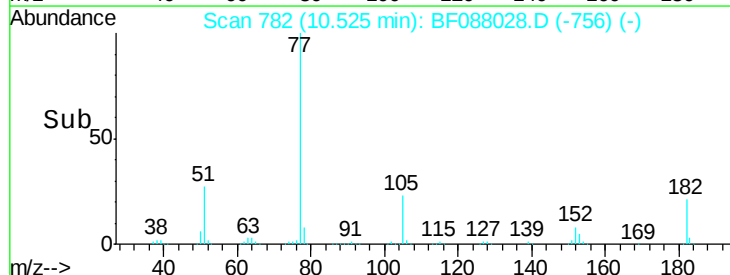
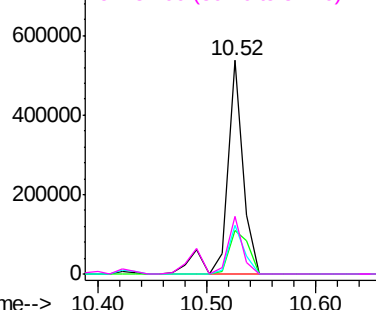


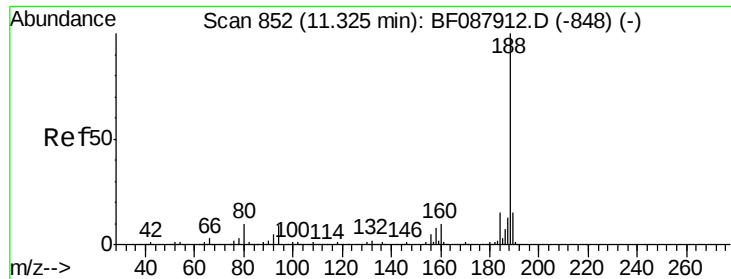
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

Tot Ion:188 Resp: 290796

Ion Ratio Lower Upper

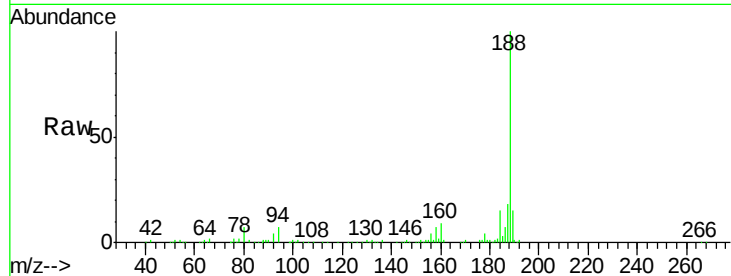
188 100

94 7.2 9.0 13.6#

80 7.0 10.0 15.0#

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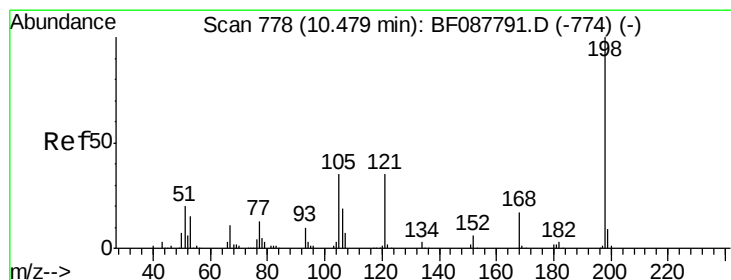
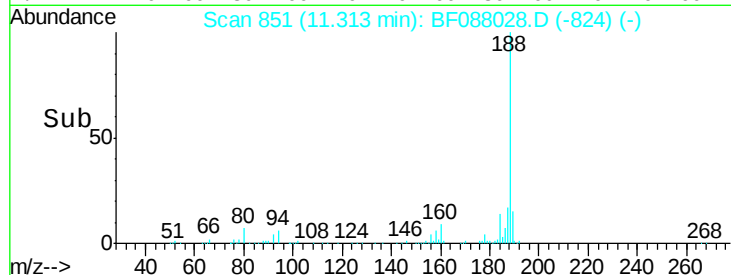
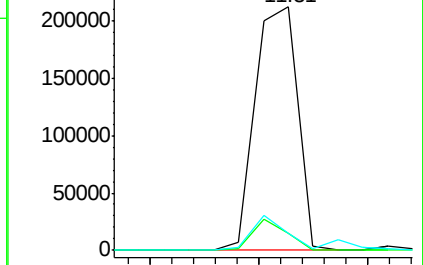
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 17.19 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

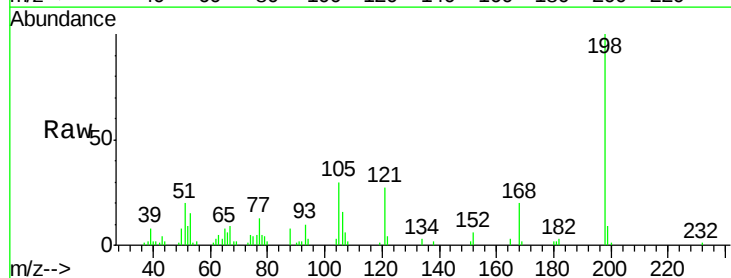
Tgt Ion:198 Resp: 28561

Ion Ratio Lower Upper

198 100

51 19.8 39.6 79.6#

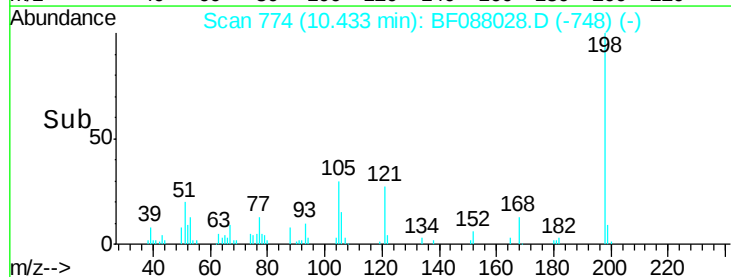
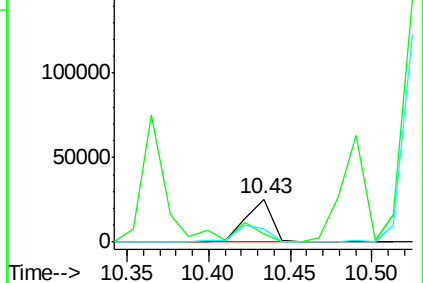
105 30.0 36.6 76.6#

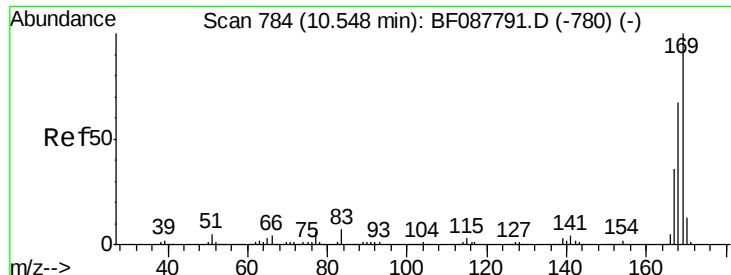


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





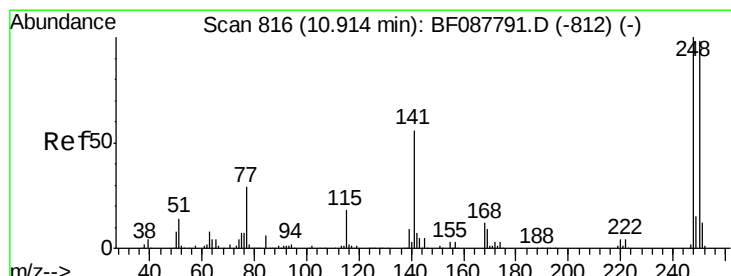
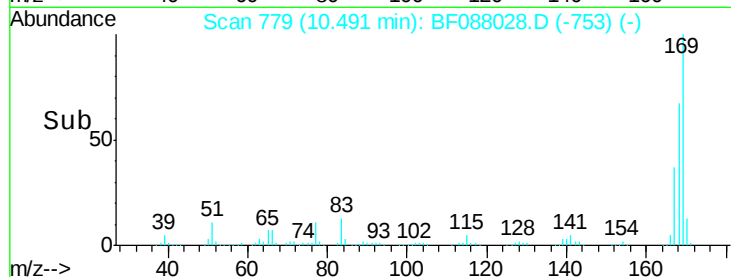
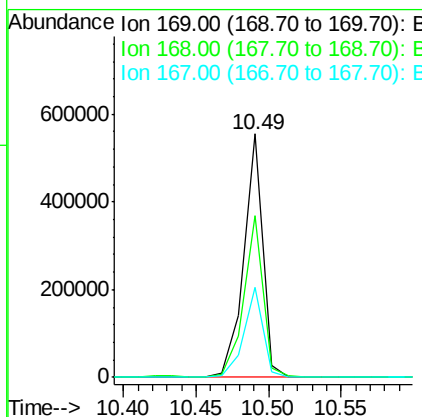
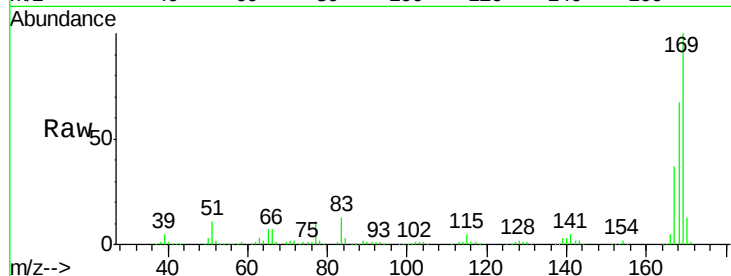
#65
 n-Nitrosodiphenylamine
 Concen: 52.27 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	504342		
168	66.6	53.4	80.0	
167	36.8	29.4	44.0	

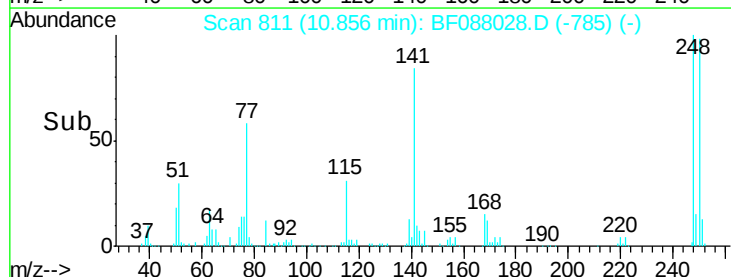
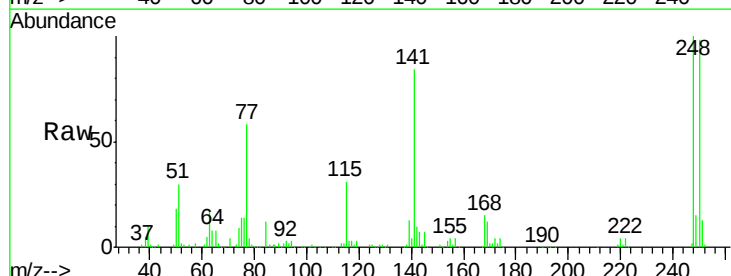
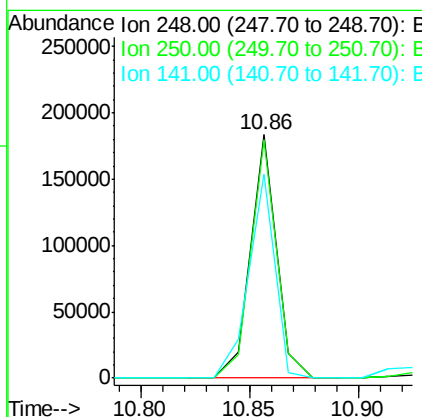
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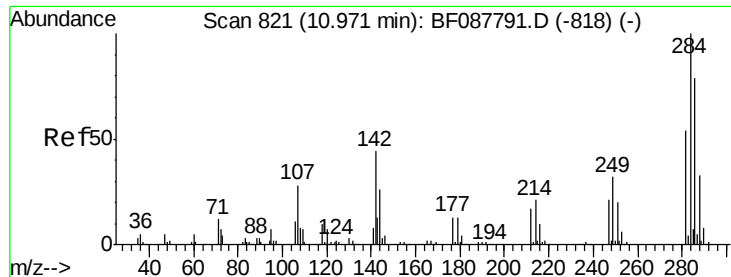
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#66
 4-Bromophenyl-phenylether
 Concen: 48.66 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151800		
250	97.7	77.1	115.7	
141	83.6	50.6	76.0	





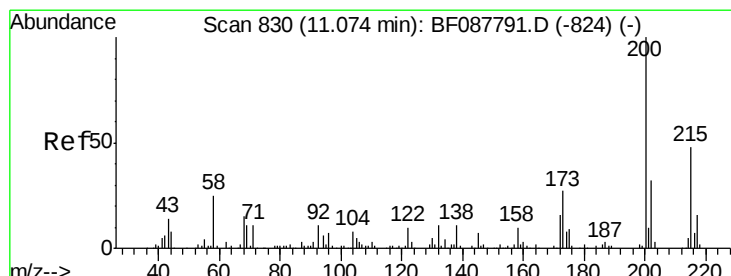
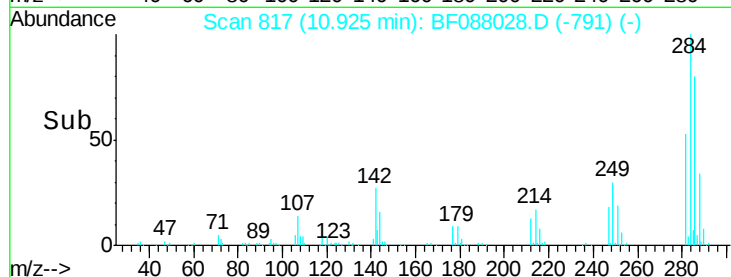
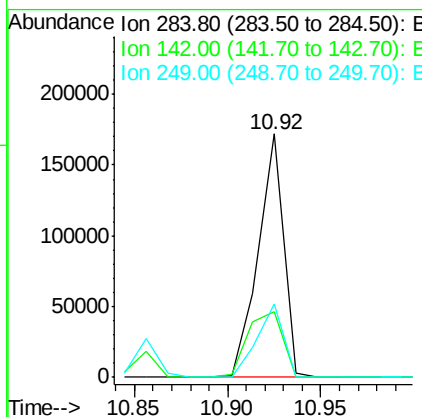
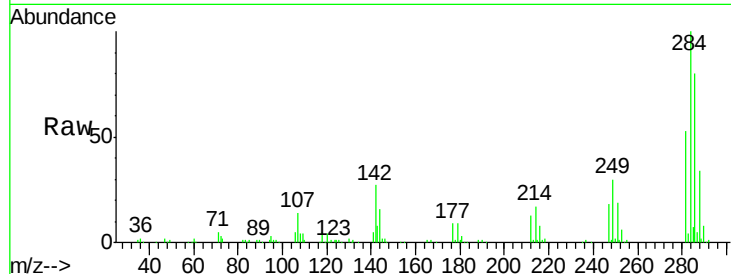
#67
Hexachlorobenzene
Concen: 49.85 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	161597		
142	27.0	35.8	53.8#	
249	30.0	25.8	38.6	

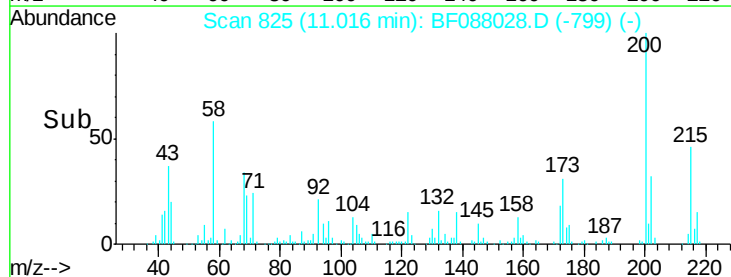
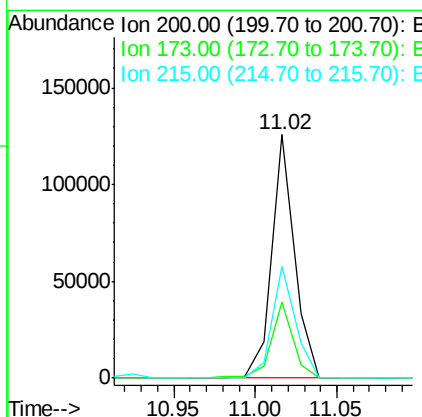
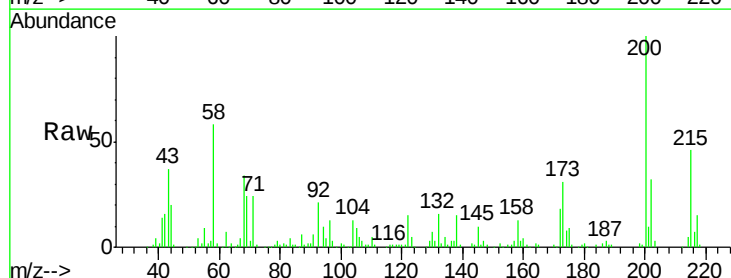
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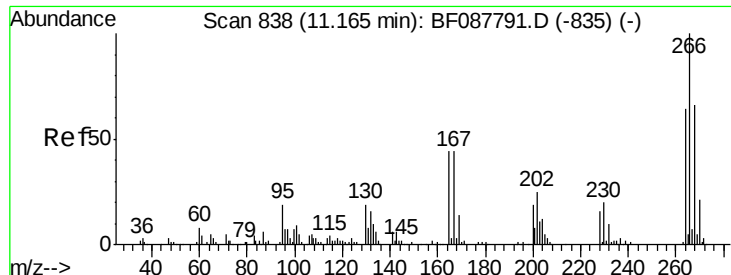
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#68
Atrazine
Concen: 41.99 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	122705		
173	31.3	4.0	44.0	
215	45.7	29.3	69.3	





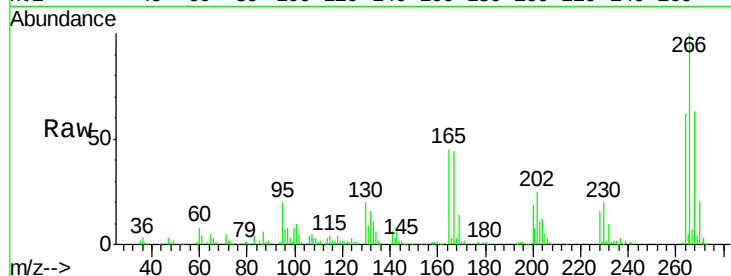
#69
 Pentachlorophenol
 Concen: 89.38 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

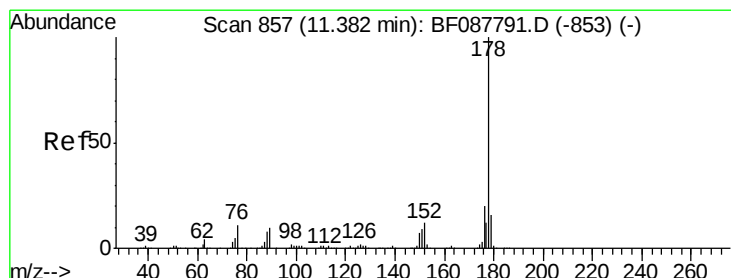
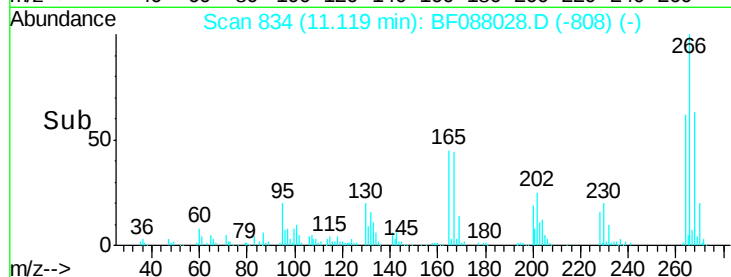
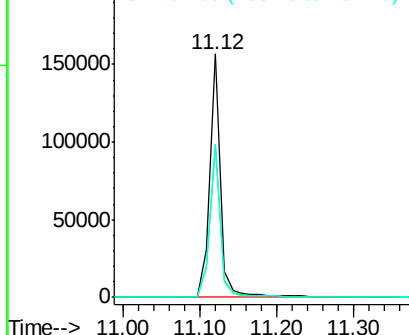
Tot Ion	Ratio	Resp	Lower	Upper
266	100	152719		
268	62.6	52.8	79.2	
264	62.5	49.6	74.4	

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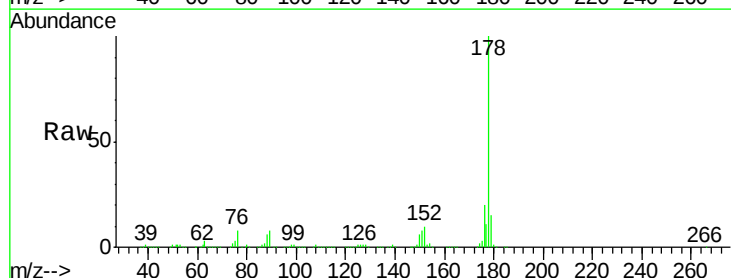


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

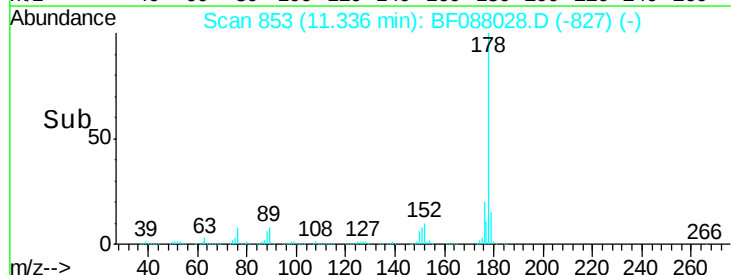
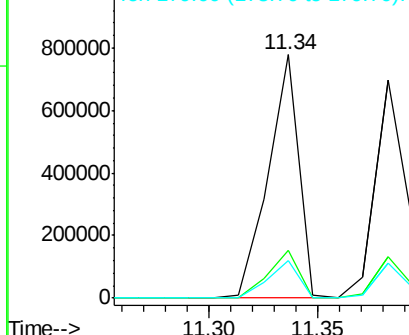


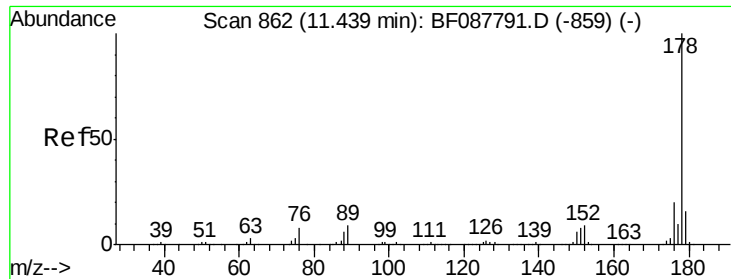
#70
 Phenanthrene
 Concen: 50.28 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	767280		
176	19.6	15.8	23.6	
179	15.3	13.0	19.4	



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





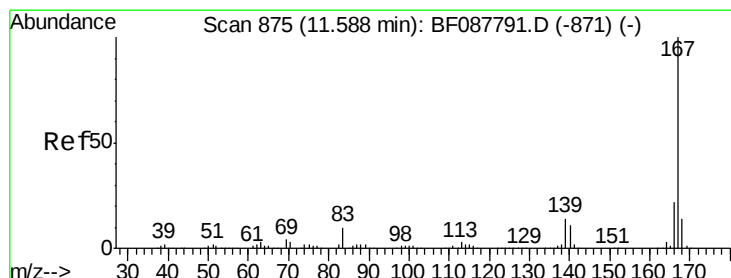
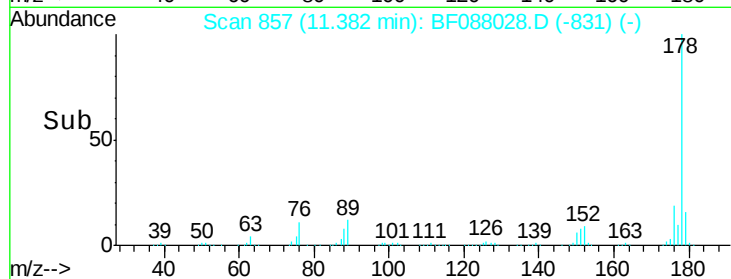
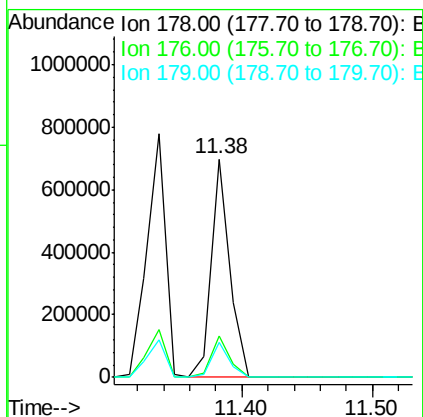
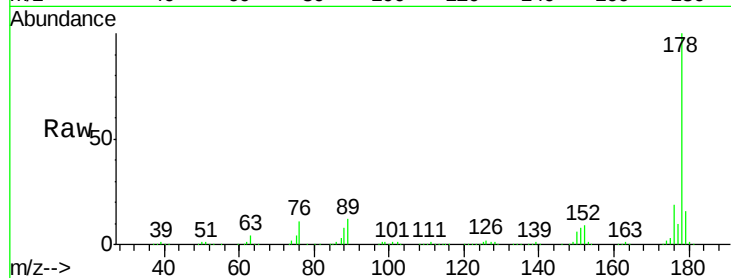
#71
 Anthracene
 Concen: 44.83 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	16.3	12.8	19.2

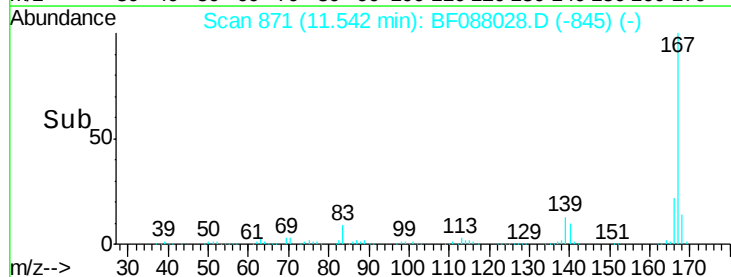
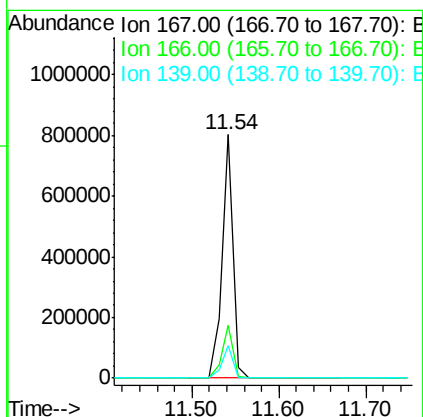
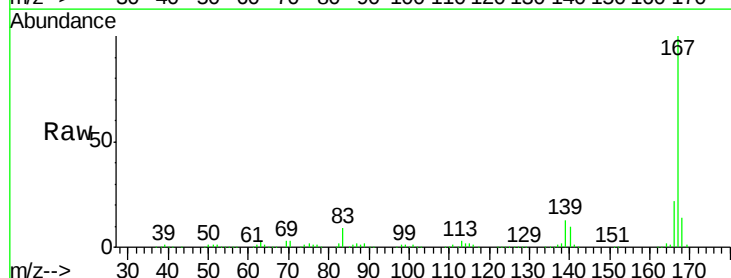
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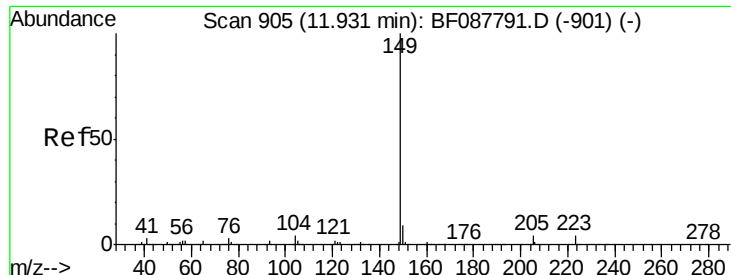
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#72
 Carbazole
 Concen: 49.62 ng
 RT: 11.54 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	13.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 45.72 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

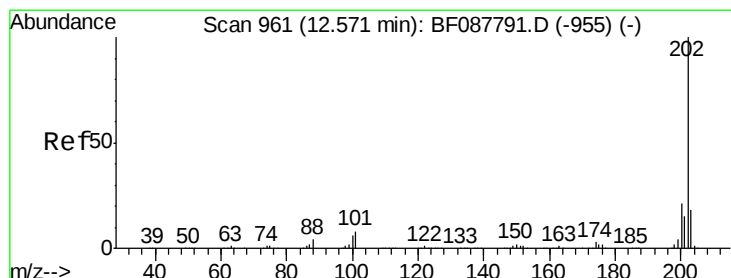
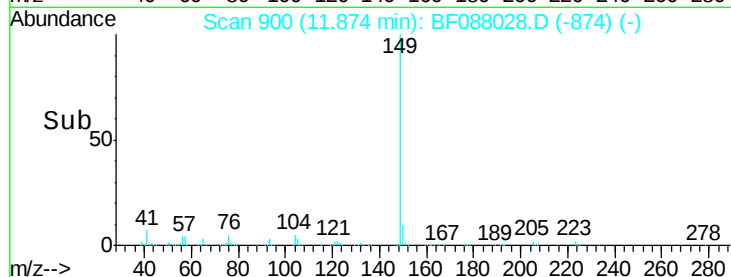
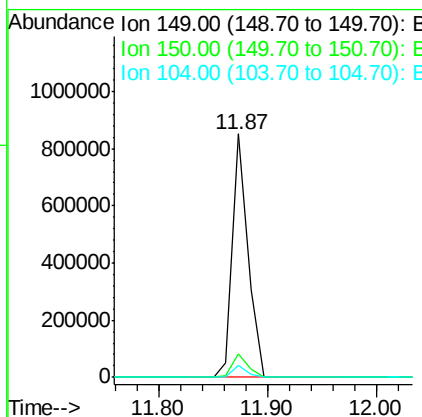
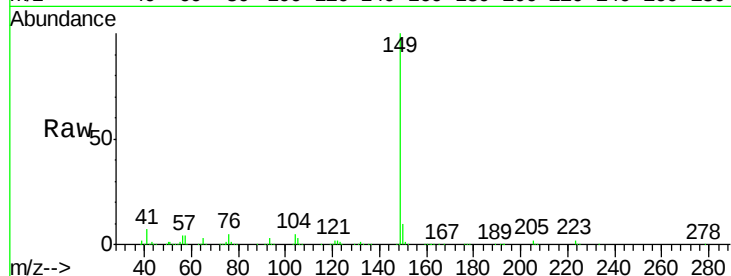
ClientSampleId :

SP16-LF2MW2MS

Tot Ion:	149	Resp:	833649
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.1	4.0	6.0

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#74

Fluoranthene

Concen: 44.35 ng

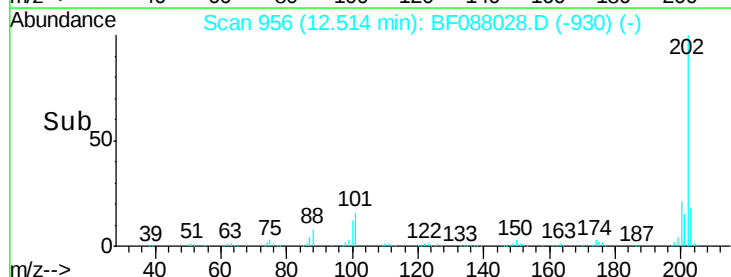
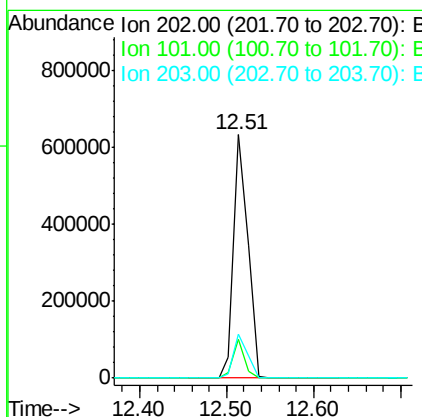
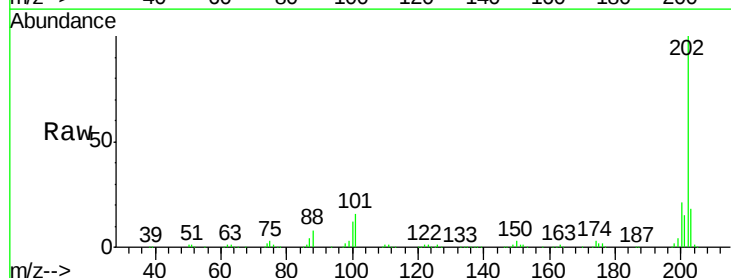
RT: 12.51 min Scan# 956

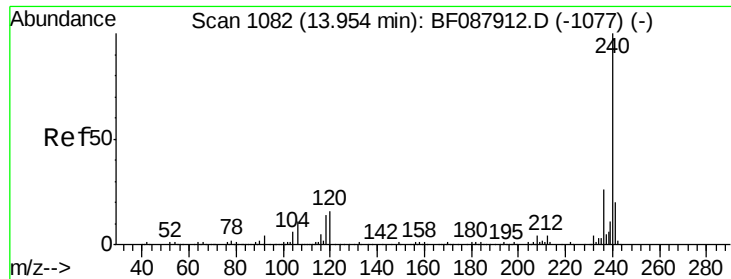
Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	202	Resp:	714270
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	33.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

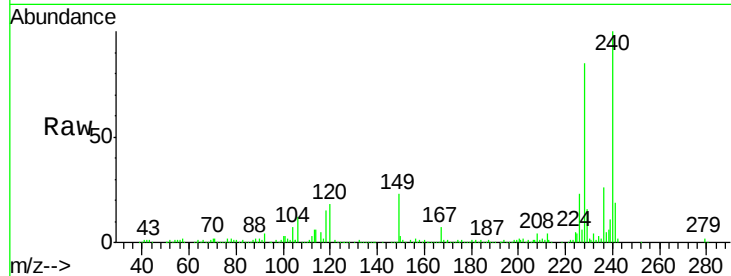
ClientSampleId :

SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.7	6.8	10.2
236	25.8	20.2	30.2

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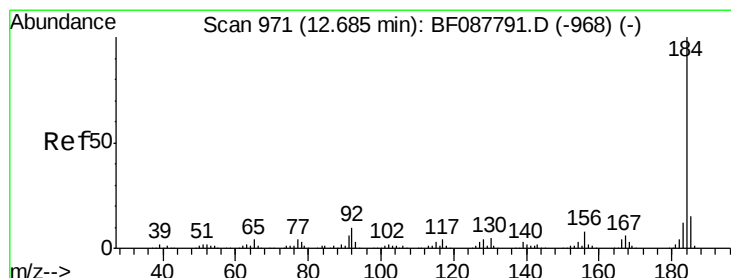
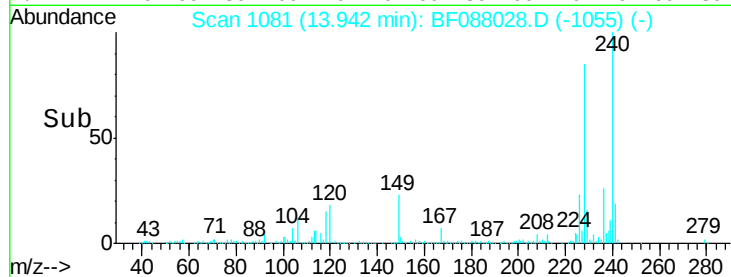
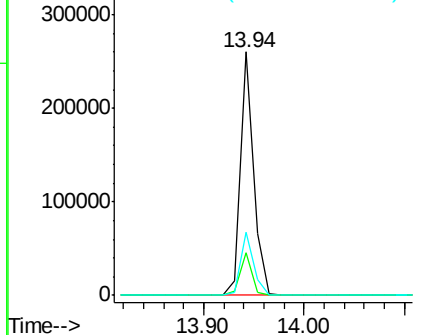
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.31 ng

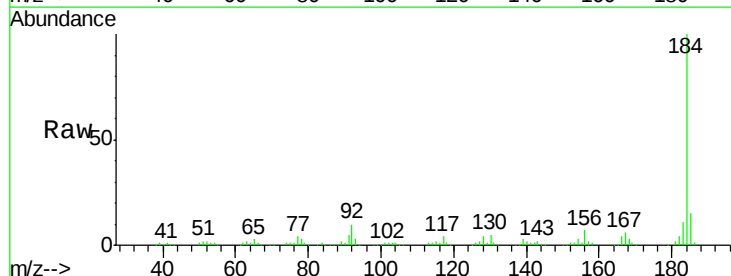
RT: 12.64 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

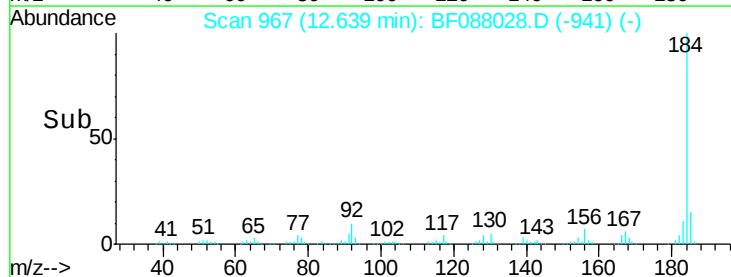
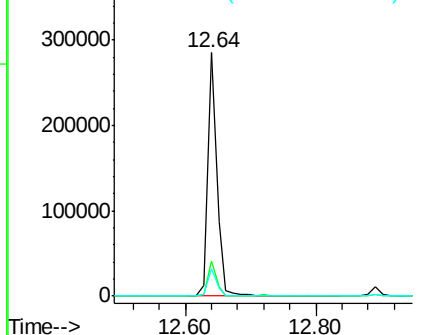
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.5	18.7
183	11.3	9.3	13.9

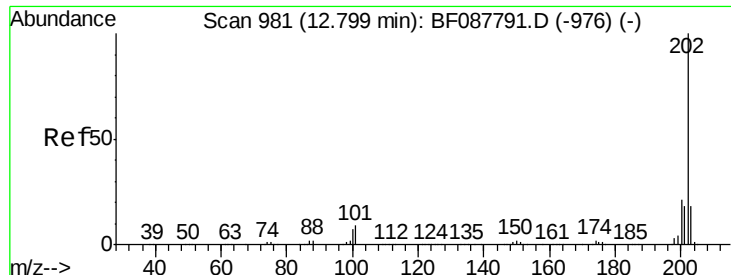


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





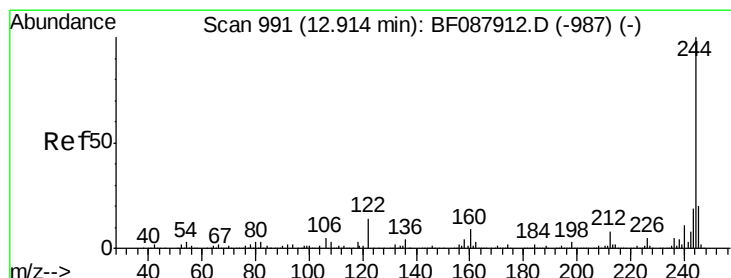
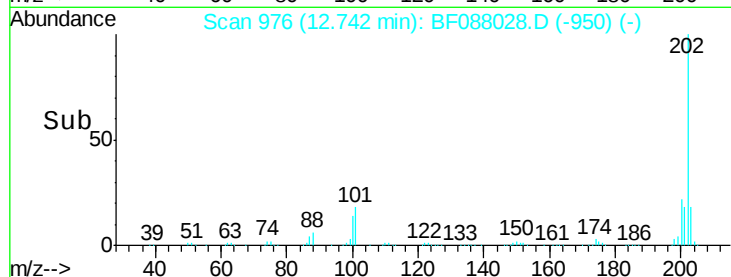
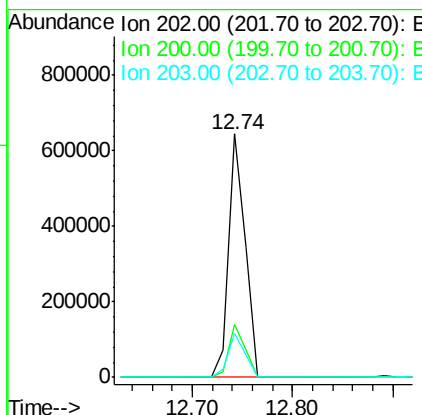
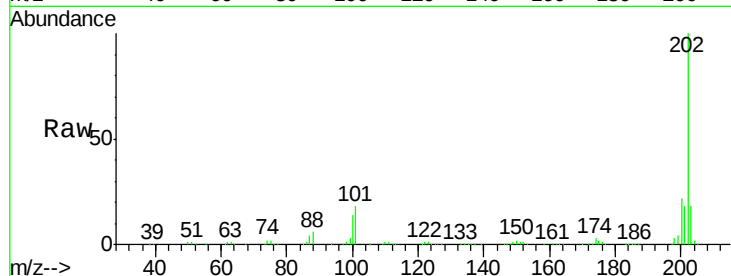
#77
Pvrene
Concen: 41.45 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.1	14.5	21.7

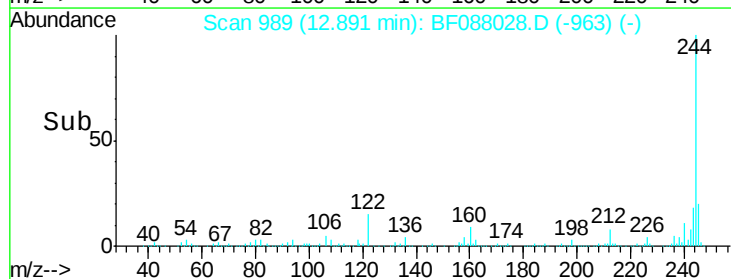
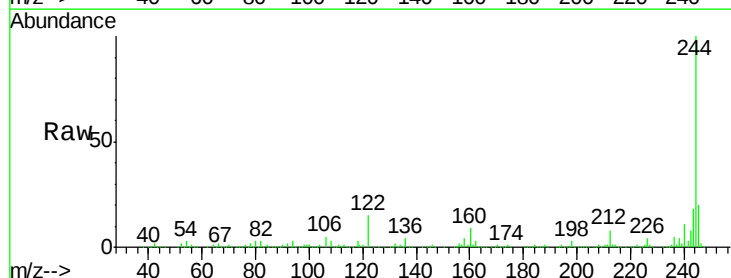
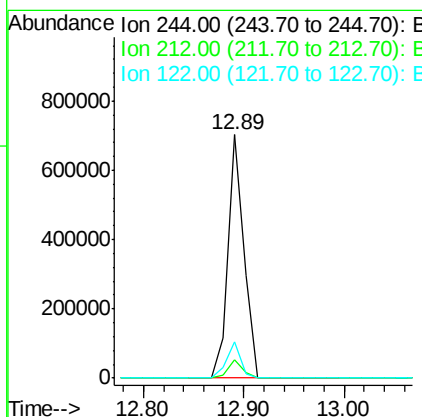
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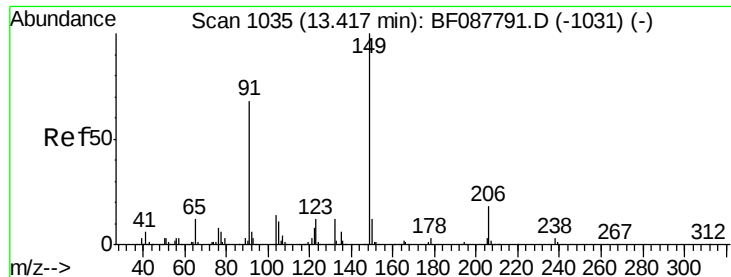
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#78
Terphenyl-d14
Concen: 73.81 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	15.0	11.2	16.8





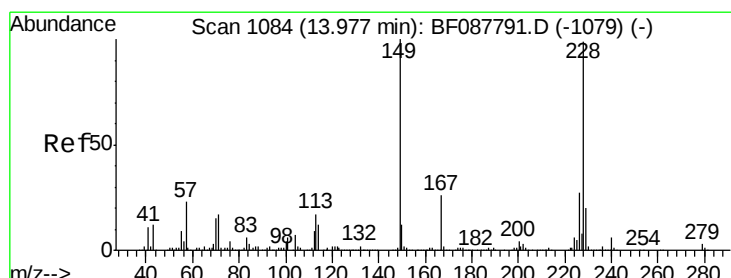
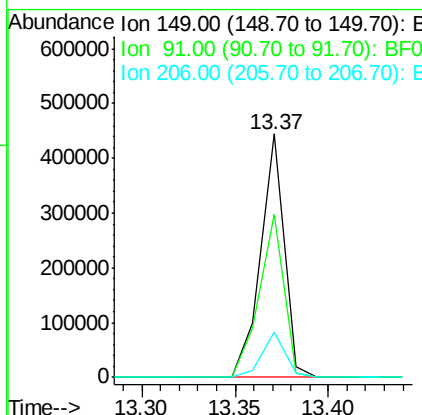
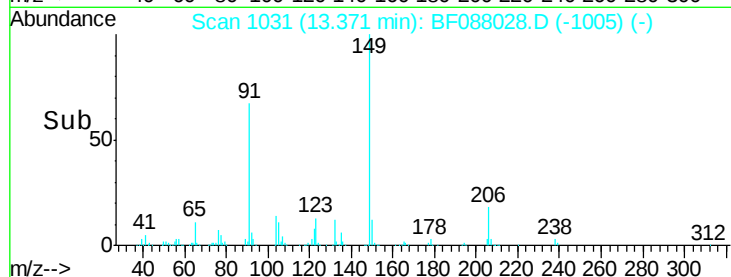
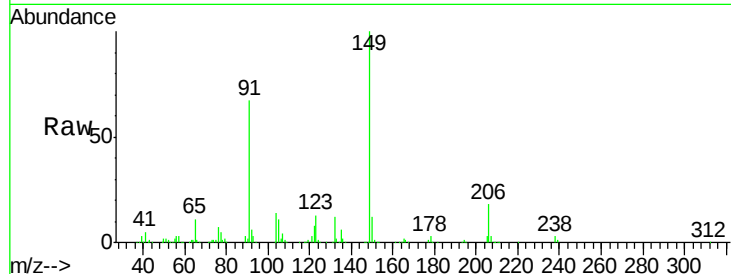
#79
Butylbenzylphthalate
Concen: 49.73 ng
RT: 13.37 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	387945		
91	67.2	48.0	72.0	
206	18.3	16.0	24.0	

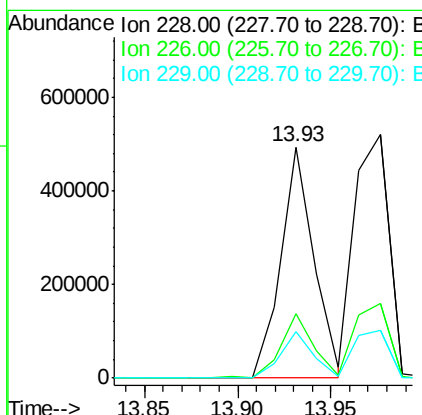
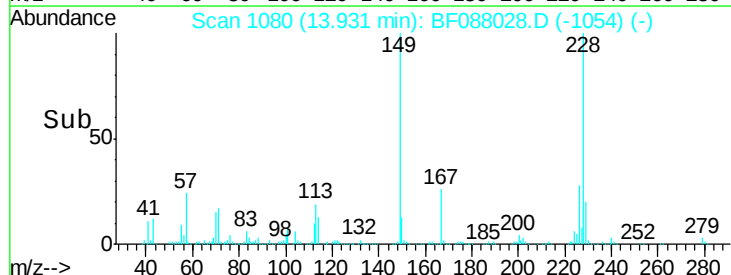
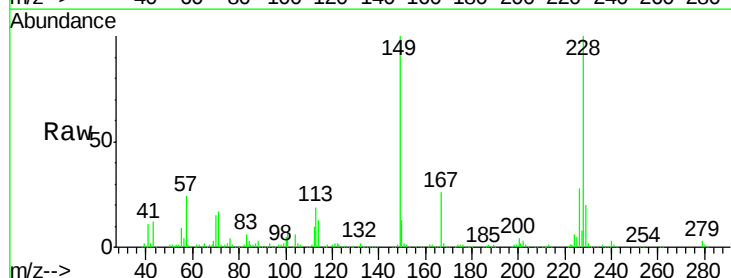
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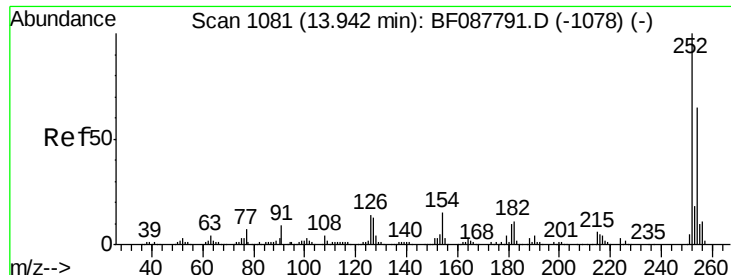
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#80
Benzo(a)anthracene
Concen: 45.17 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	611988		
226	27.9	22.3	33.5	
229	20.3	16.0	24.0	





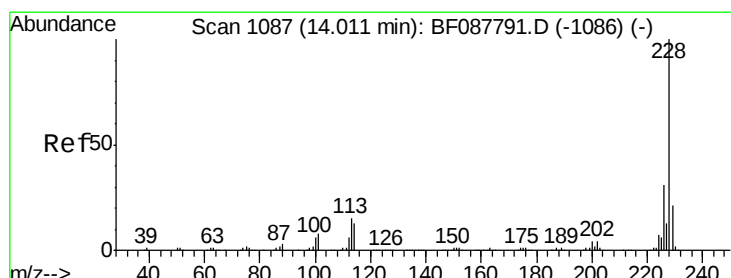
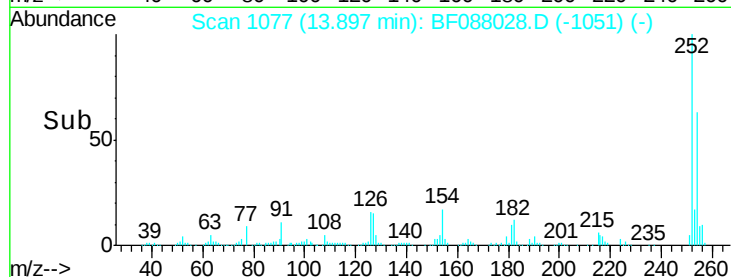
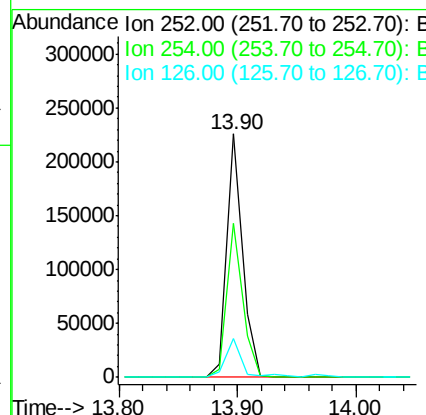
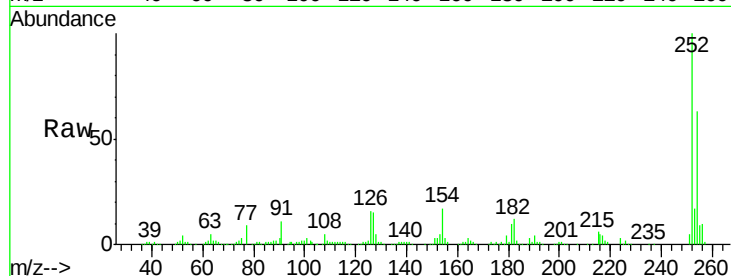
#81
 3,3'-Dichlorobenzidine
 Concen: 56.48 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	52.6	78.8
126	15.7	6.2	9.2

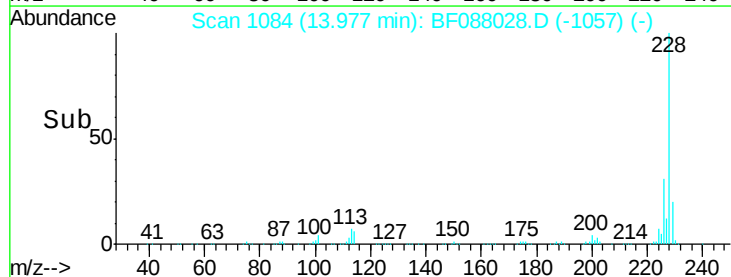
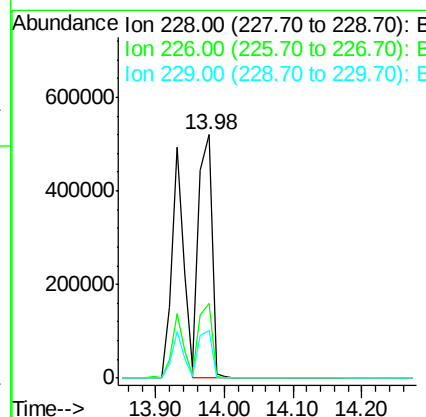
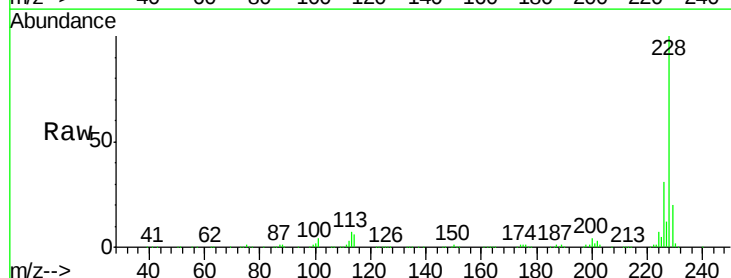
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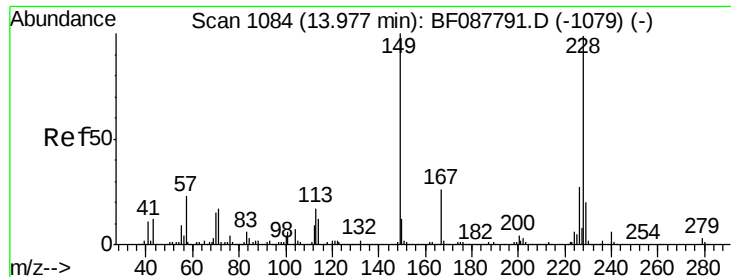
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#82
 Chrysene
 Concen: 53.20 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	25.4	38.2
229	19.9	16.3	24.5





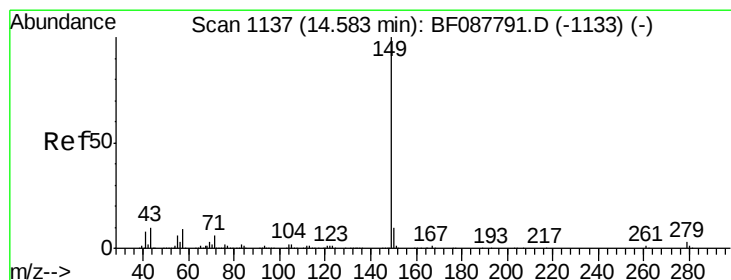
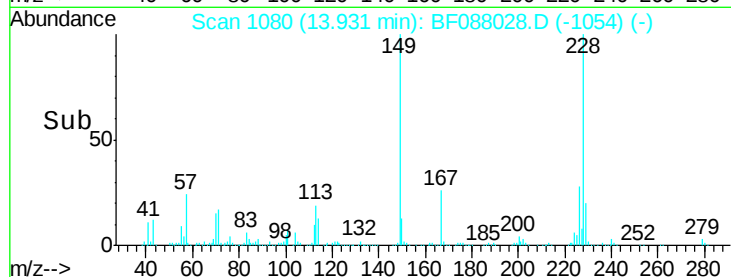
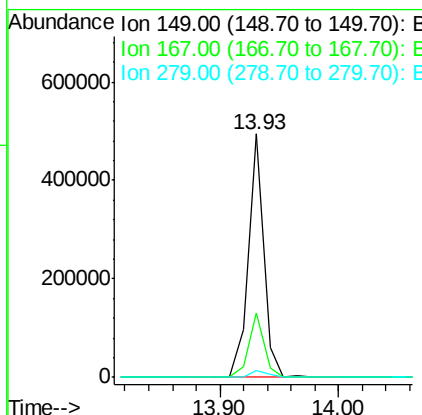
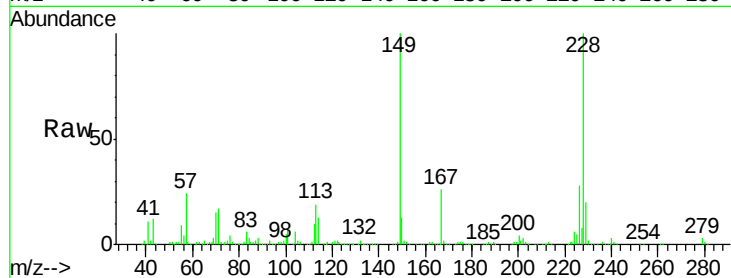
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.57 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	451716		
167	26.3	20.5	30.7	
279	3.0	2.0	3.0	

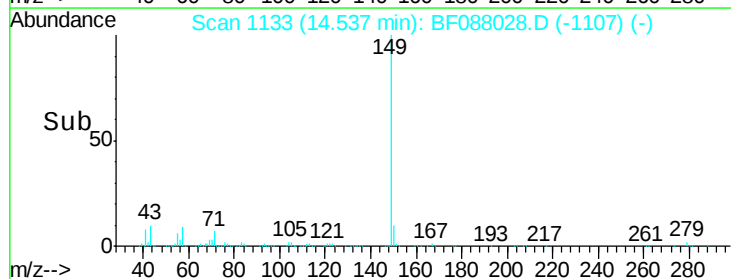
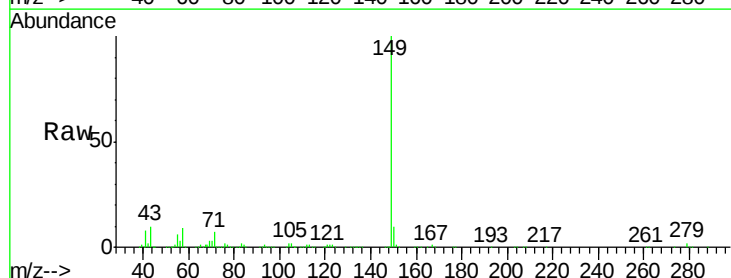
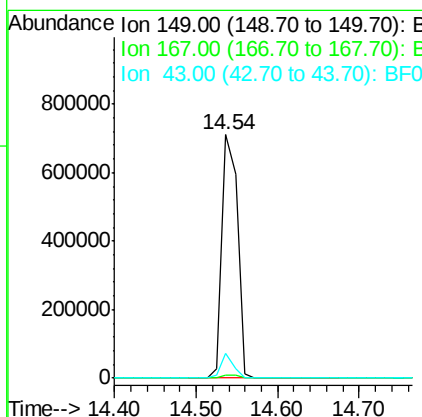
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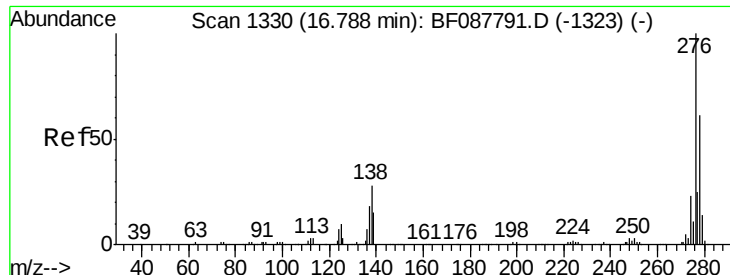
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#84
 Di-n-octyl phthalate
 Concen: 60.16 ng
 RT: 14.54 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	928233		
167	1.6	0.0	0.0#	
43	8.0	0.0	0.0#	





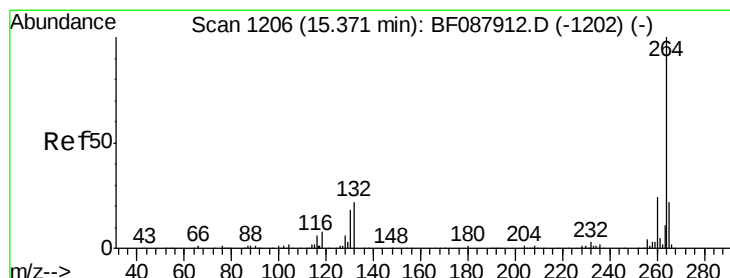
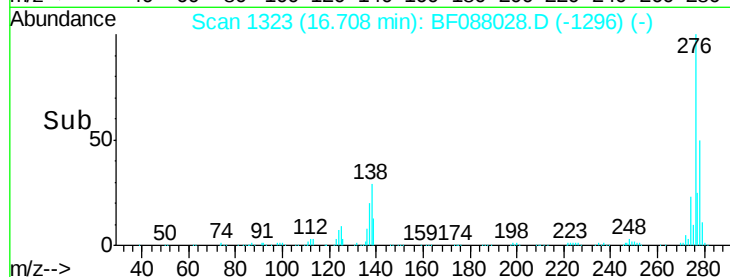
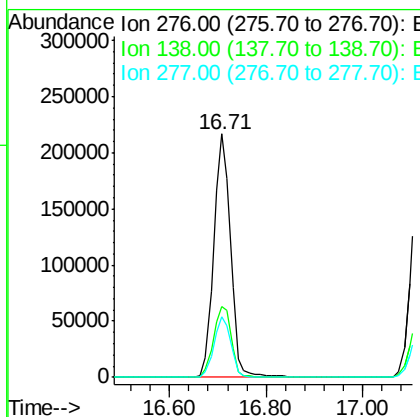
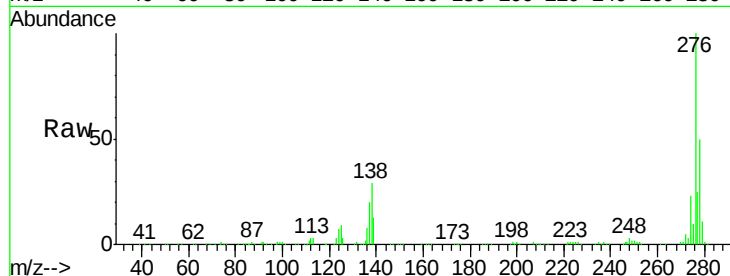
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.08 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.9	0.0	0.0#
277	25.0	0.0	0.0#

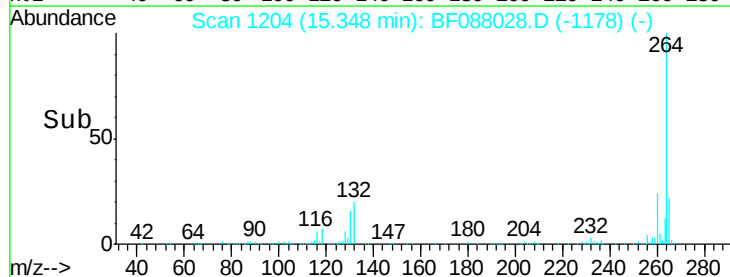
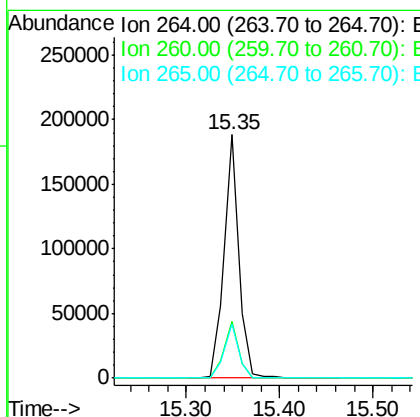
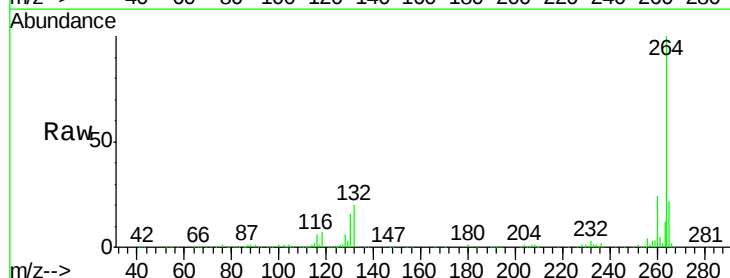
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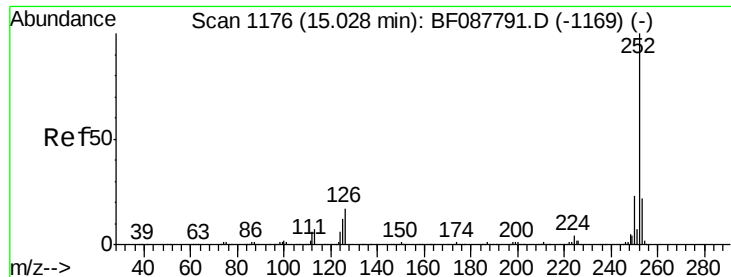
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 52.18 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Instrument :

BNA_F

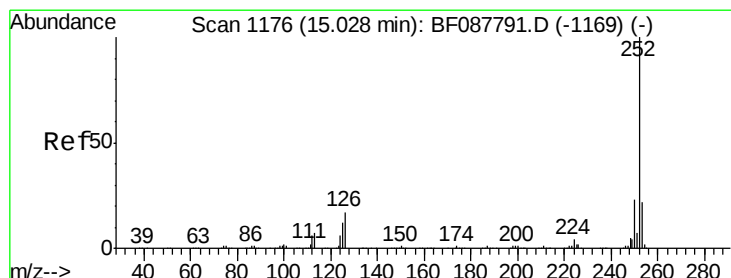
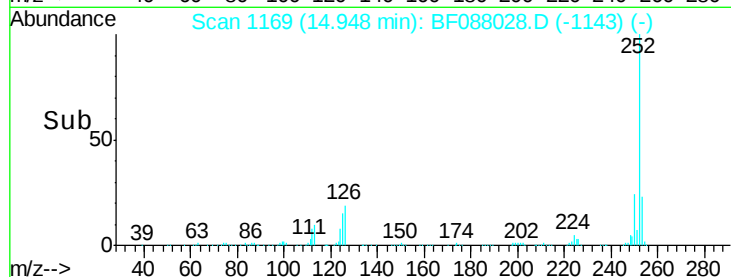
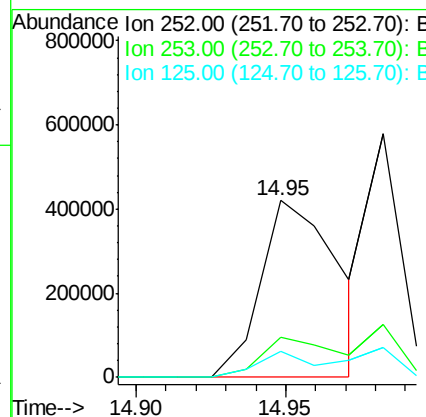
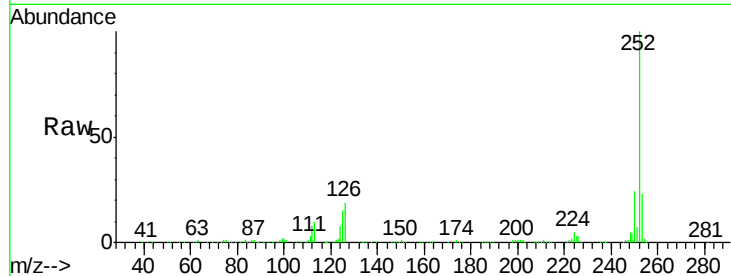
ClientSampleId :

SP16-LF2MW2MS

Tot Ion:	252	Resp:	757011
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	14.8	7.1	10.7#

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#88

Benzo(k)fluoranthene

Concen: 41.51 ng m

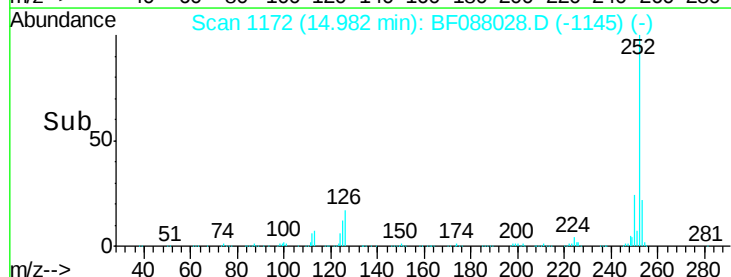
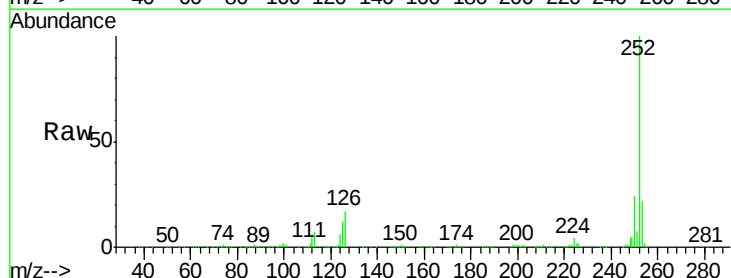
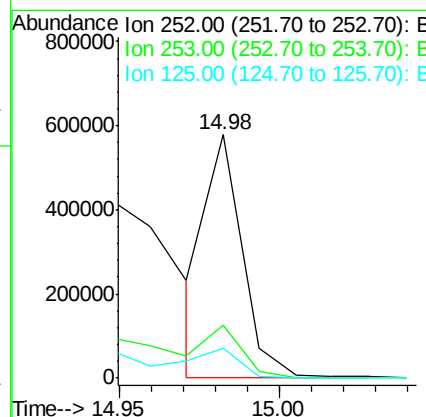
RT: 14.98 min Scan# 1172

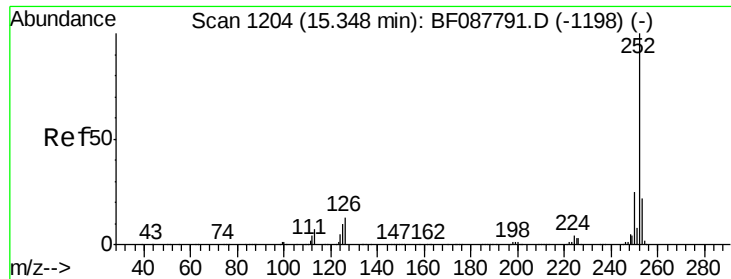
Delta R.T. 0.01 min

Lab File: BF088028.D

Acq: 15 Jun 2016 5:47

Tgt Ion:	252	Resp:	454274
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	12.0	11.2	16.8





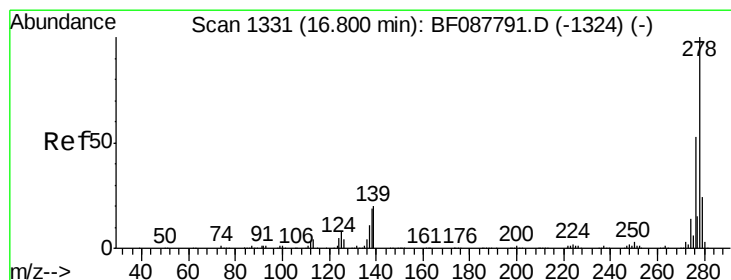
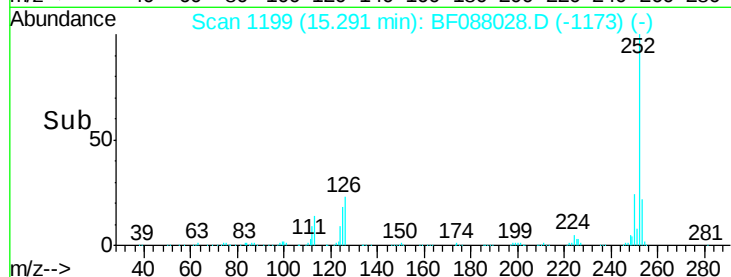
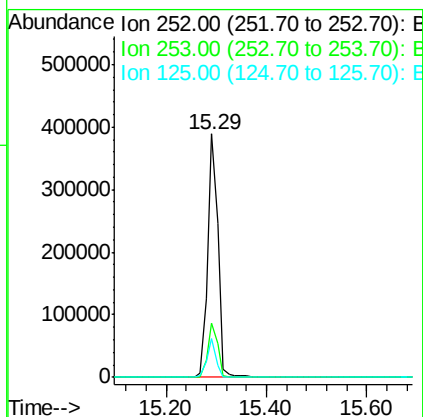
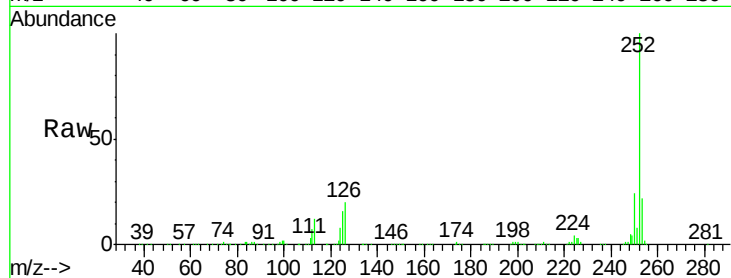
#89
Benzo(a)pyrene
Concen: 47.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	16.0	12.5	18.7

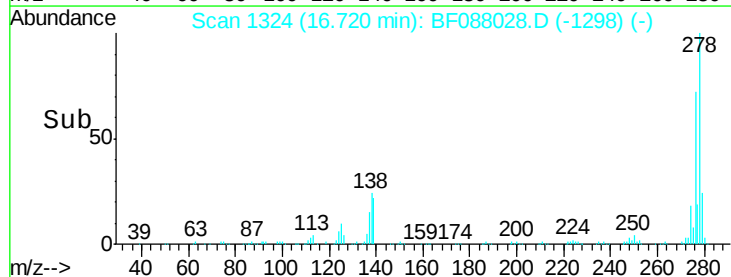
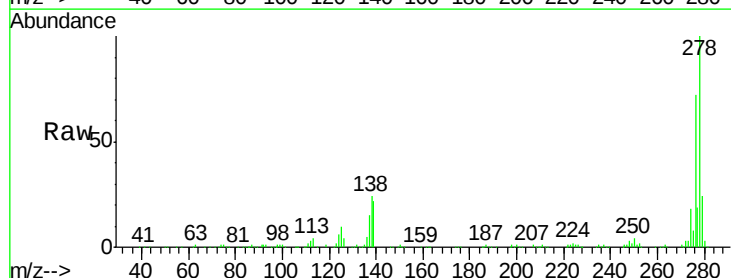
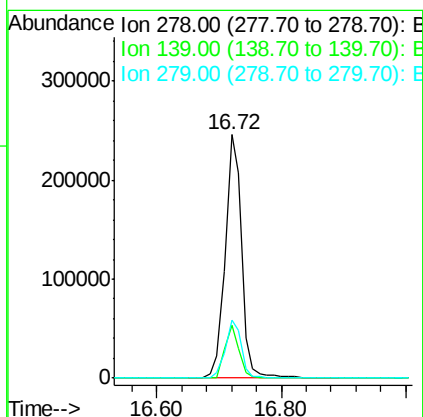
Manual Integrations
APPROVED

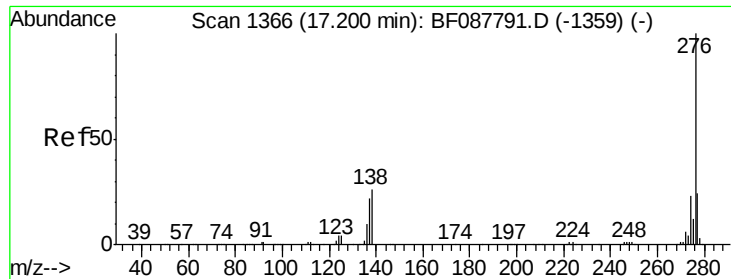
sohil
6/15/2016 6:41:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.38 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088028.D
Acq: 15 Jun 2016 5:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.7	23.5
279	23.7	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 39.33 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF088028.D
 Acq: 15 Jun 2016 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	26.1	21.4	32.2

Manual Integrations
 APPROVED

sohil
 6/15/2016 6:41:26 PM

