

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092841.D
 Acq On : 7 Feb 2017 21:13
 Operator : SJ/MA
 Sample : I1731-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Manual Integrations
 APPROVED

mohammad
 2/8/2017 10:43:20 AM

Quant Time: Feb 08 00:27:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	134820	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	551330	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	289113	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	456447	20.00	ng	0.00
75) Chrysene-d12	14.08	240	320048	20.00	ng	0.00
86) Perylene-d12	15.53	264	278276	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1295813	164.90	ng	0.02
7) Phenol-d6	6.56	99	1546217	152.92	ng	0.01
23) Nitrobenzene-d5	7.47	82	987677	99.76	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	296406	141.75	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1699074	106.47	ng	0.01
78) Terphenyl-d14	13.03	244	1139245	83.64	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	181074	42.64	ng	# 84
3) Pyridine	3.30	79	524016	48.53	ng	# 84
4) n-Nitrosodimethylamine	3.26	42	261819	51.64	ng	# 87
6) Aniline	6.57	93	382806	27.75	ng	# 29
8) 2-Chlorophenol	6.69	128	462329	53.33	ng	# 97
9) Benzaldehyde	6.45	77	199851	27.59	ng	# 98
10) Phenol	6.57	94	725634	61.34	ng	# 82
11) bis(2-Chloroethyl)ether	6.65	93	501042	53.06	ng	# 99
12) 1,3-Dichlorobenzene	6.84	146	501427m	49.38	ng	# 97
13) 1,4-Dichlorobenzene	6.92	146	531795	51.74	ng	# 97
14) 1,2-Dichlorobenzene	7.08	146	497190m	50.59	ng	# 97
15) Benzyl Alcohol	7.05	79	382410	51.09	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	790191	48.17	ng	# 94
17) 2-Methylphenol	7.17	107	411966	55.39	ng	# 96
18) Hexachloroethane	7.41	117	161672	46.08	ng	# 89
19) n-Nitroso-di-n-propylamine	7.32	70	314286	48.83	ng	# 96
20) 3+4-Methylphenols	7.32	107	442470	49.76	ng	# 82
22) Acetophenone	7.32	105	614144	48.79	ng	# 92
24) Nitrobenzene	7.49	77	500569	49.24	ng	# 95
25) Isophorone	7.73	82	943072	51.12	ng	# 99
26) 2-Nitrophenol	7.81	139	273893	56.68	ng	# 83
27) 2,4-Dimethylphenol	7.85	122	414975	48.90	ng	# 98
28) bis(2-Chloroethoxy)methane	7.94	93	550708	45.07	ng	# 99
29) 2,4-Dichlorophenol	8.05	162	402238	50.82	ng	# 91
30) 1,2,4-Trichlorobenzene	8.13	180	420114	49.25	ng	# 96
31) Naphthalene	8.21	128	1245819	44.58	ng	# 100
32) Benzoic acid	7.94	122	32121	12.85	ng	# 84
33) 4-Chloroaniline	8.26	127	147988	13.50	ng	# 96
34) Hexachlorobutadiene	8.33	225	215108	45.84	ng	# 100
35) Caprolactam	8.64	113	127492	51.21	ng	# 44
36) 4-Chloro-3-methylphenol	8.76	107	448077	54.30	ng	# 90
37) 2-Methylnaphthalene	8.91	142	923051	51.44	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	381476	47.01	ng	# 99
40) Hexachlorocyclopentadiene	9.06	237	119890	32.74	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	270158	50.66	nq	92
43) 2,4,5-Trichlorophenol	9.23	196	280580	48.02	nq	92
45) 1,1'-Biphenyl	9.37	154	958695	45.79	nq	97
46) 2-Chloronaphthalene	9.40	162	847073	51.72	nq	95
47) 2-Nitroaniline	9.49	65	263784	47.91	nq	97
48) Acenaphthylene	9.81	152	1315451	46.50	nq	98
49) Dimethylphthalate	9.68	163	1231668	63.25	nq	99
50) 2,6-Dinitrotoluene	9.73	165	203955	48.50	nq	# 76
51) Acenaphthene	9.98	154	804913	47.59	nq	97
52) 3-Nitroaniline	9.90	138	141425	29.38	nq	97
53) 2,4-Dinitrophenol	10.02	184	56746	29.69	nq	92
54) Dibenzofuran	10.16	168	1092839	48.30	nq	95
55) 4-Nitrophenol	10.09	139	343452	99.08	nq	# 63
56) 2,4-Dinitrotoluene	10.14	165	299334	53.46	nq	# 80
57) Fluorene	10.50	166	841705	48.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	200459	51.43	nq	94
59) Diethylphthalate	10.37	149	970616	52.89	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	372618	44.56	nq	90
61) 4-Nitroaniline	10.52	138	202292	41.04	nq	90
62) Azobenzene	10.65	77	929002	49.00	nq	95
64) 4,6-Dinitro-2-methylphenol	10.56	198	68978	26.12	nq	82
65) n-Nitrosodiphenylamine	10.61	169	774587	53.12	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	249726	52.37	nq	94
67) Hexachlorobenzene	11.05	284	239466	50.81	nq	96
68) Atrazine	11.14	200	269465	57.59	nq	97
69) Pentachlorophenol	11.24	266	220061	89.52	nq	97
70) Phenanthrene	11.46	178	1165153	44.56	nq	99
71) Anthracene	11.52	178	1292012	49.20	nq	97
72) Carbazole	11.66	167	1059876	42.22	nq	100
73) Di-n-butylphthalate	12.00	149	1570450	57.85	nq	# 97
74) Fluoranthene	12.65	202	1073526	39.80	nq	97
76) Benzidine	12.77	184	496558	36.41	nq	96
77) Pyrene	12.88	202	955185	39.88	nq	99
79) Butylbenzylphthalate	13.49	149	494732	50.87	nq	# 83
80) Benzo(a)anthracene	14.07	228	881668	45.04	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	309973	44.42	nq	# 95
82) Chrysene	14.10	228	723943	39.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	683197	51.36	nq	# 96
84) Di-n-octyl phthalate	14.66	149	1215510	56.12	nq	96
85) Indeno(1,2,3-cd)pyrene	16.97	276	712693	50.20	nq	95
87) Benzo(b)fluoranthene	15.11	252	829827m	45.31	nq	
88) Benzo(k)fluoranthene	15.14	252	828679m	52.40	nq	
89) Benzo(a)pyrene	15.47	252	781447	49.32	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	607702	47.46	nq	99
91) Benzo(g,h,i)perylene	17.41	276	576044	44.53	nq	# 94

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

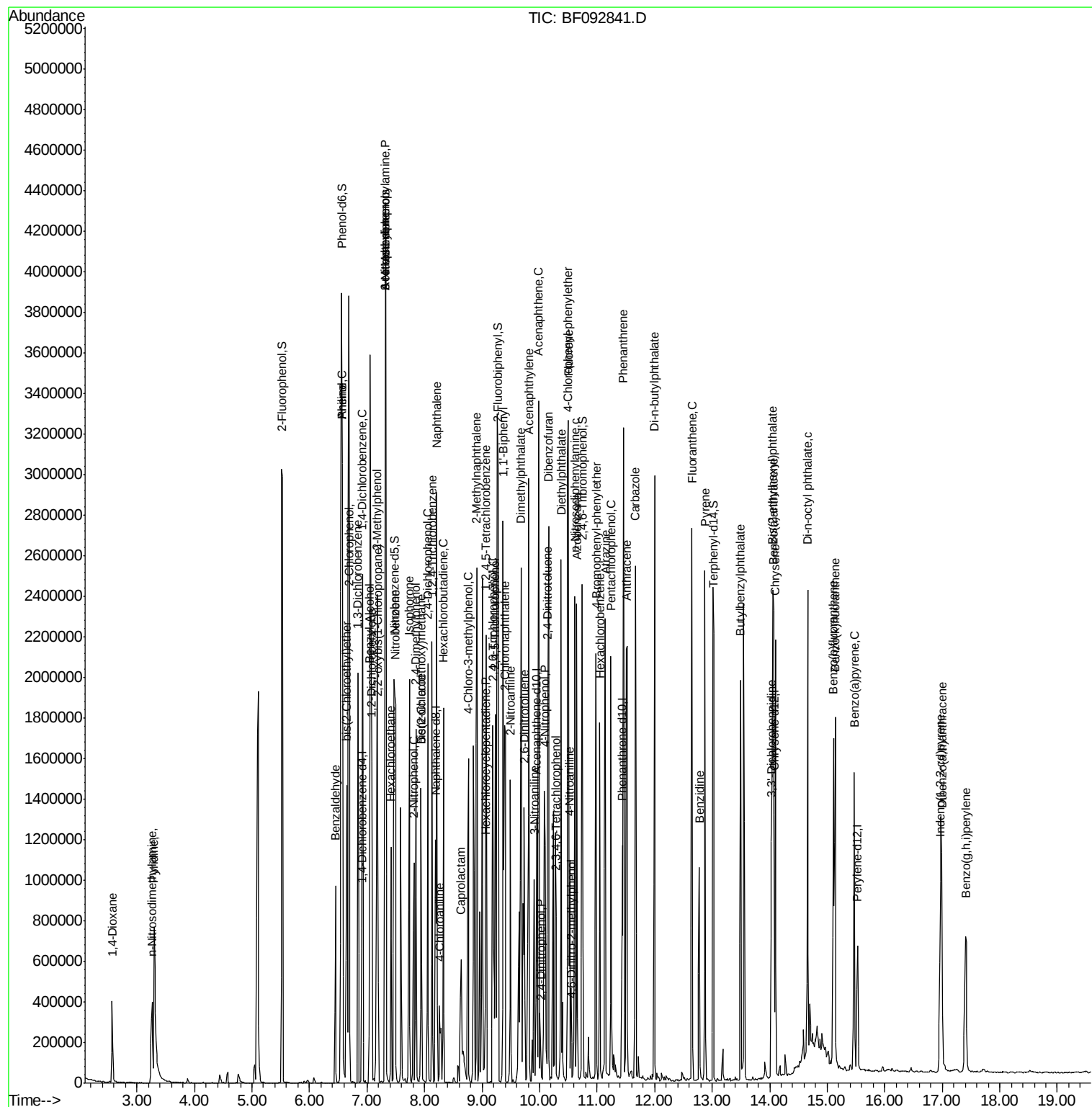
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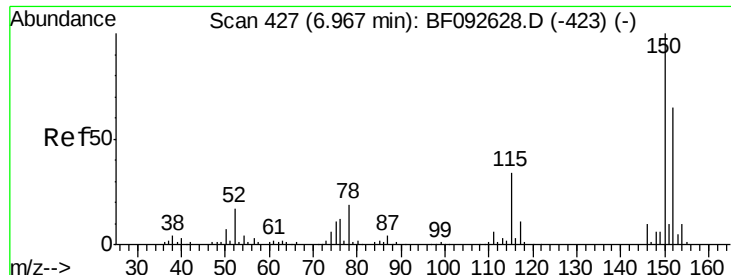
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

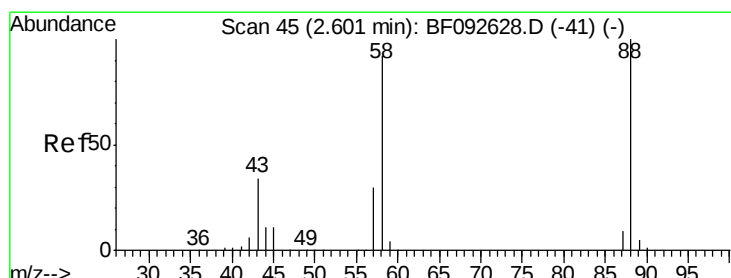
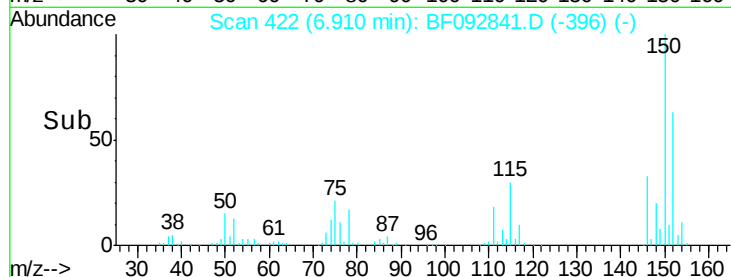
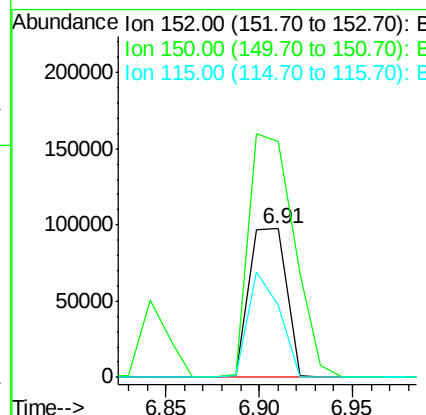
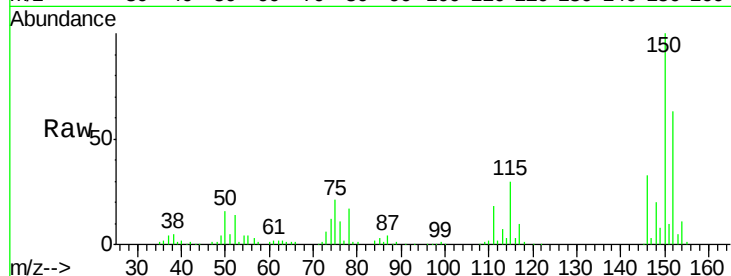
ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion:	152	Resp:	134820
Ion Ratio	Lower	Upper	
152	100		
150	158.9	124.9	187.3
115	48.3	46.0	69.0

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#2

1,4-Dioxane

Concen: 42.64 ng

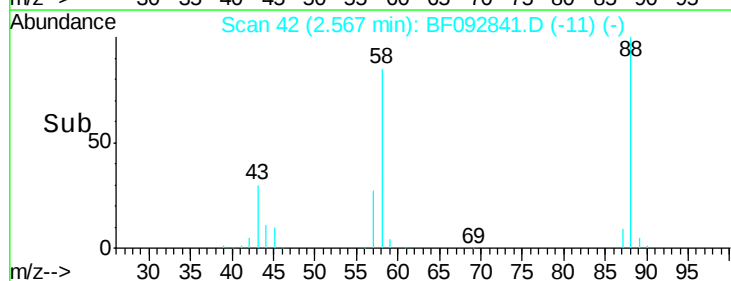
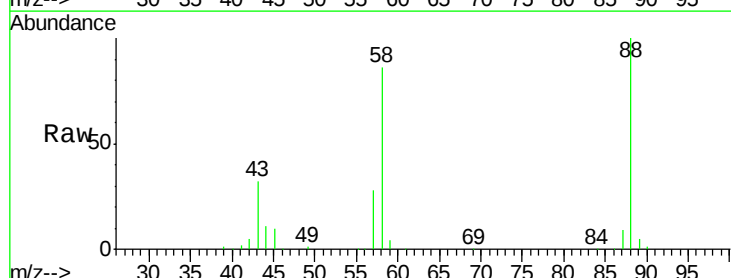
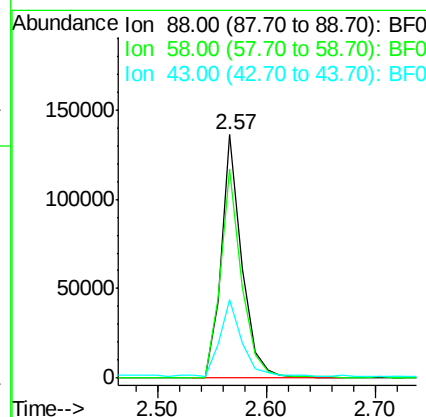
RT: 2.57 min Scan# 42

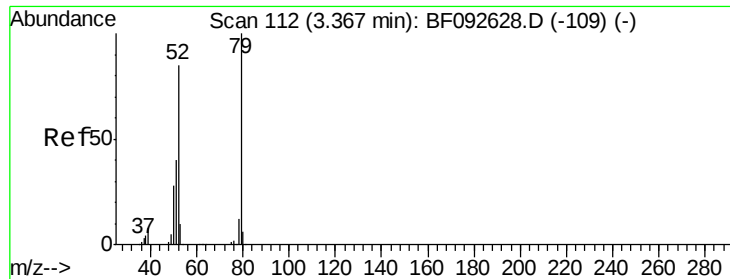
Delta R.T. 0.06 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion:	88	Resp:	181074
Ion Ratio	Lower	Upper	
88	100		
58	87.8	57.8	86.8#
43	33.1	22.3	33.5





#3

Pvridine

Concen: 48.53 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.05 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

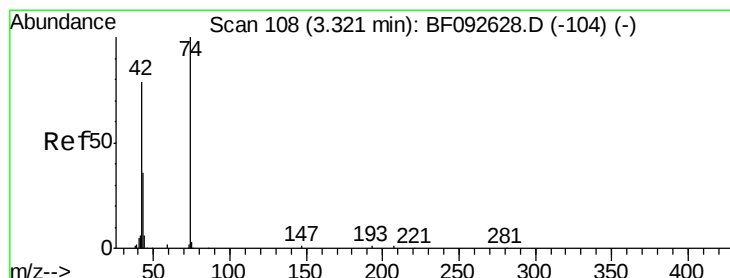
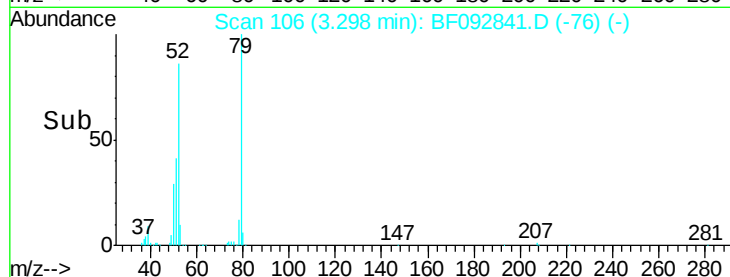
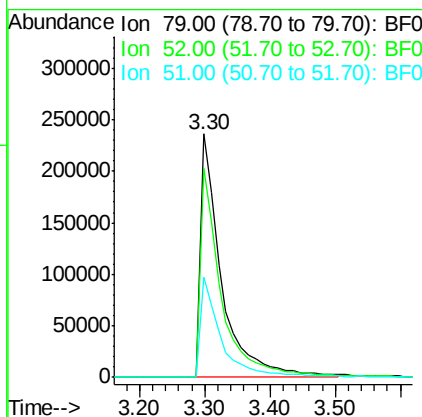
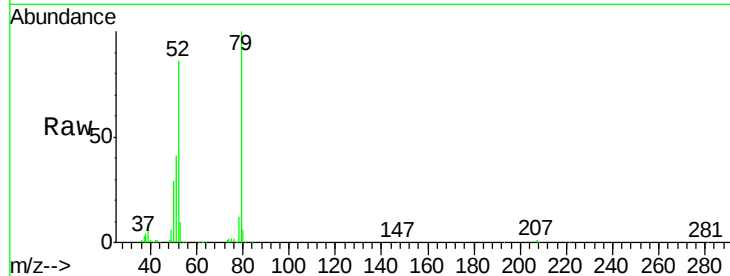
ClientSampleId :

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Tot Ion:	79	Resp:	524016
Ion Ratio	Lower	Upper	
79	100		
52	85.9	57.1	85.7#
51	40.9	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 51.64 ng

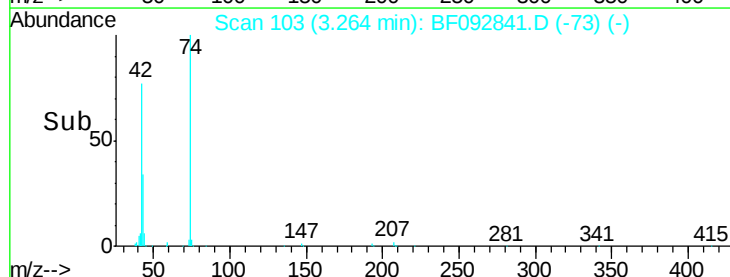
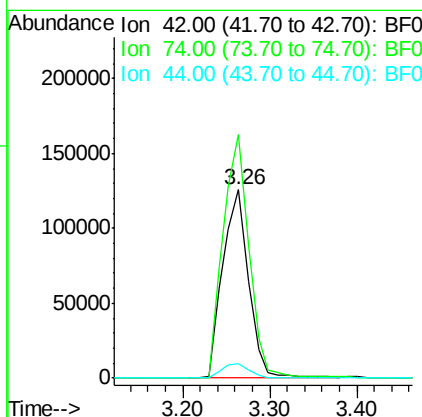
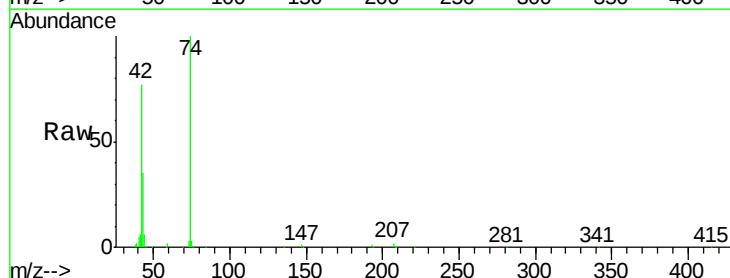
RT: 3.26 min Scan# 103

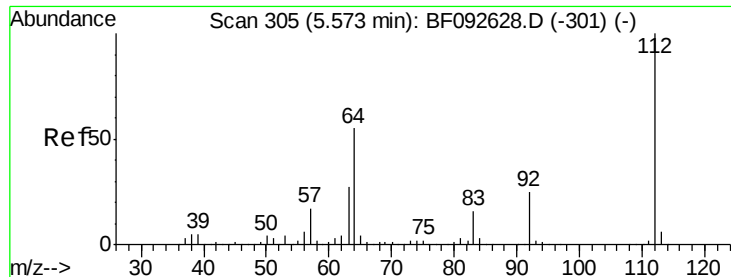
Delta R.T. 0.05 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion:	42	Resp:	261819
Ion Ratio	Lower	Upper	
42	100		
74	129.5	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 164.90 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

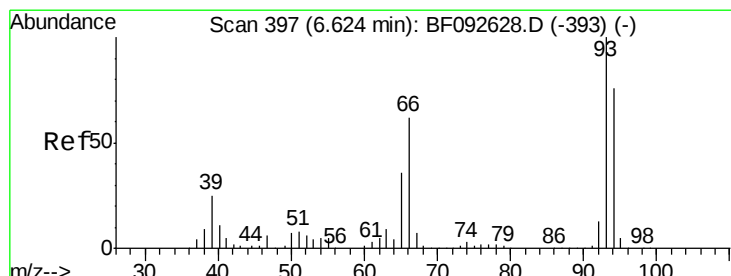
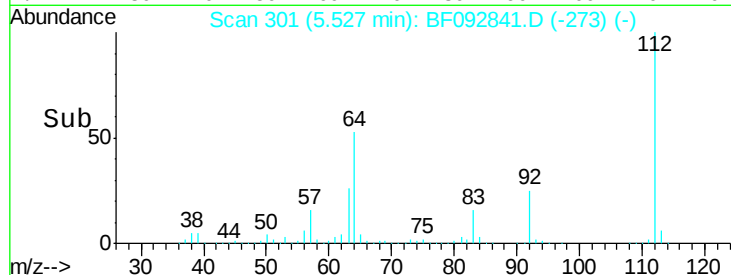
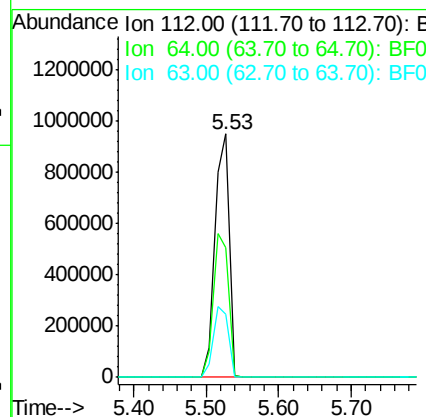
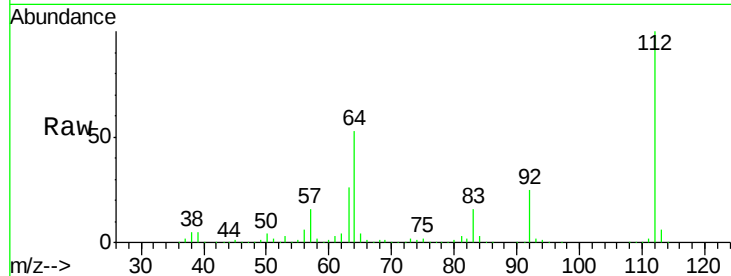
ClientSampleId :

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Tot Ion:	112	Resp:	1295813
Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.1	69.1
63	26.2	23.8	35.6

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#6

Aniline

Concen: 27.75 ng

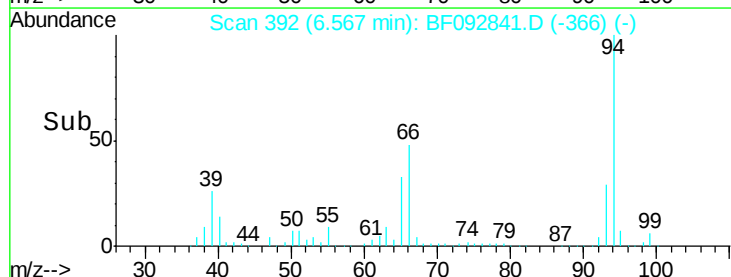
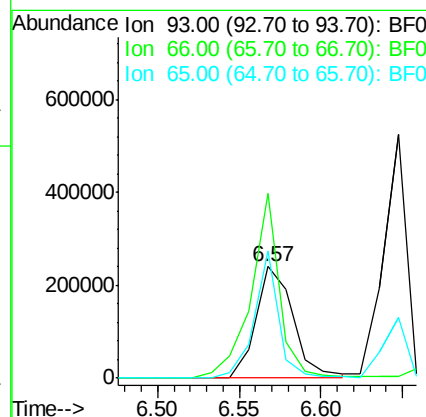
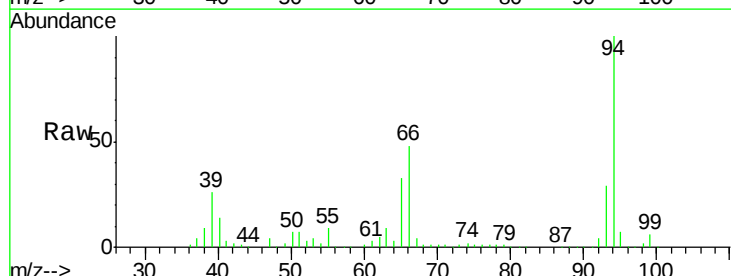
RT: 6.57 min Scan# 392

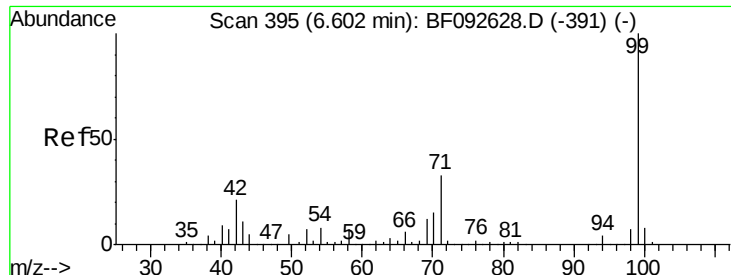
Delta R.T. -0.00 min

Lab File: BF092841.D

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Tgt Ion:	93	Resp:	382806
Ion	Ratio	Lower	Upper
93	100		
66	165.9	76.2	114.2#
65	113.6	49.3	73.9#





#7

Phenol-d6

Concen: 152.92 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

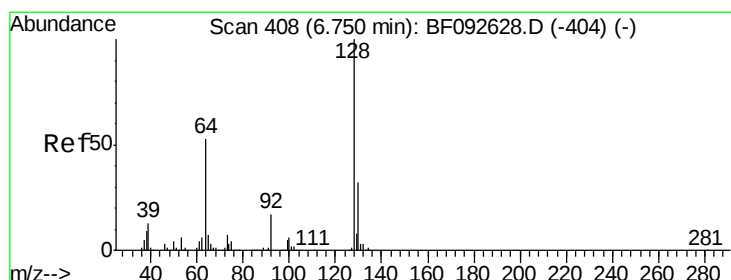
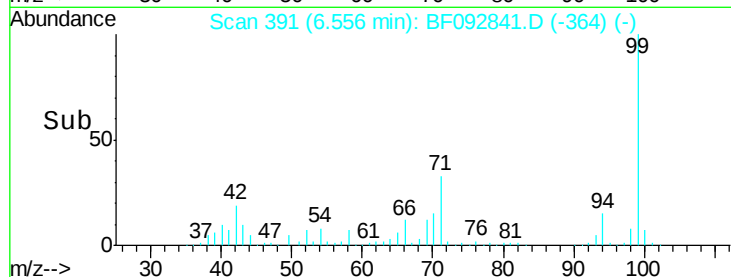
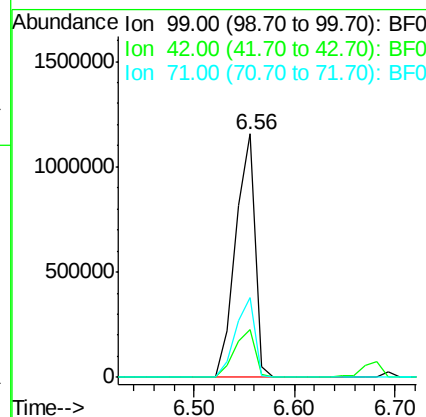
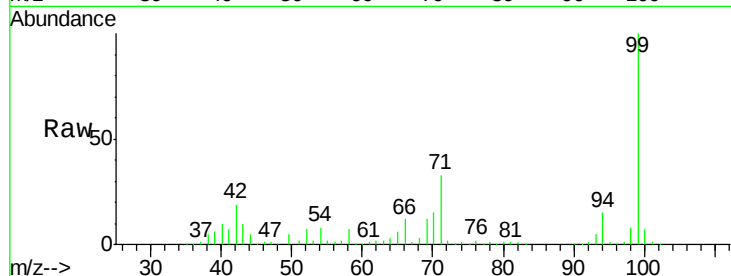
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Tot Ion:	99	Resp:	1546217
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	32.6	27.5	41.3

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#8

2-Chlorophenol

Concen: 53.33 ng

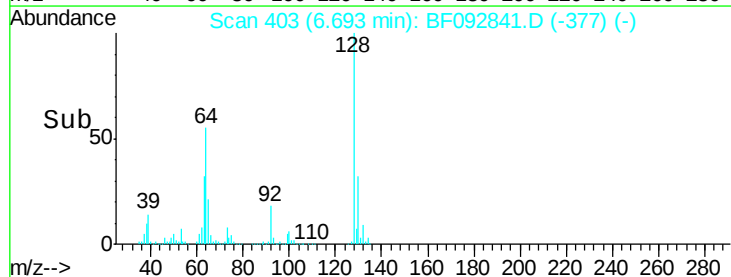
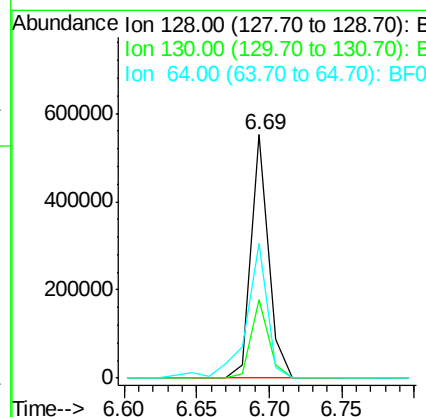
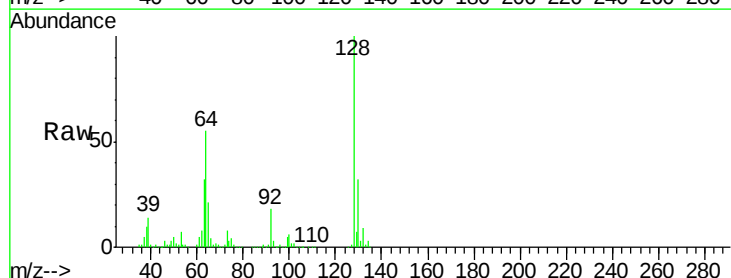
RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion:	128	Resp:	462329
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	55.3	32.2	72.2





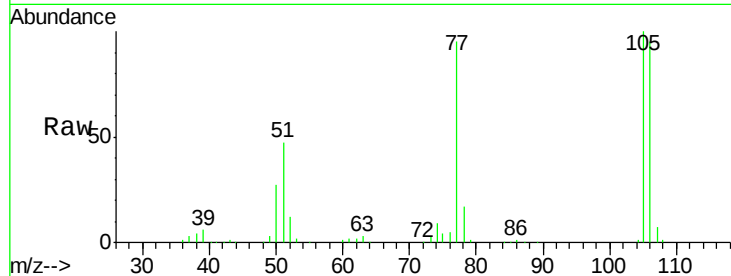
#9
Benzaldehyde
Concen: 27.59 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
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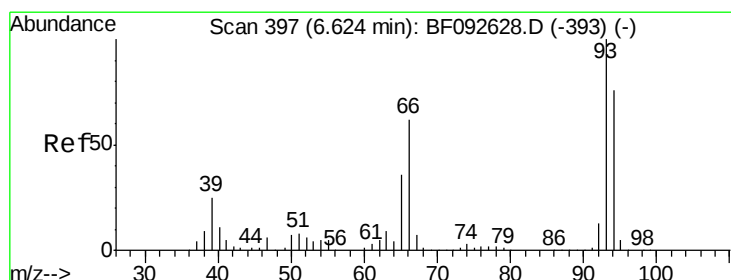
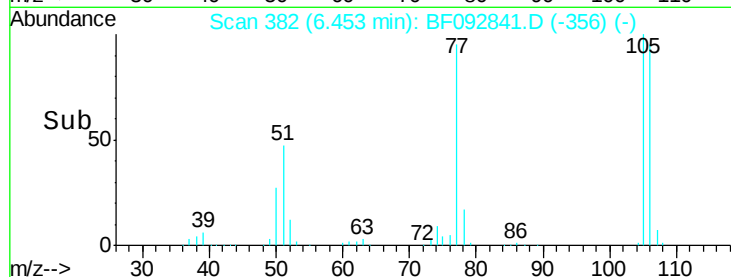
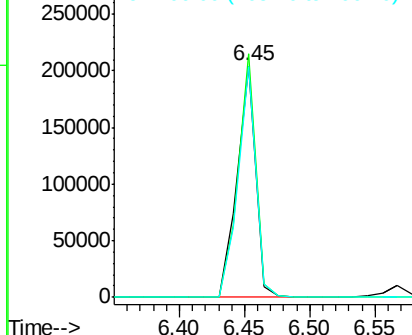
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.3	83.9	123.9
106	99.7	77.6	117.6

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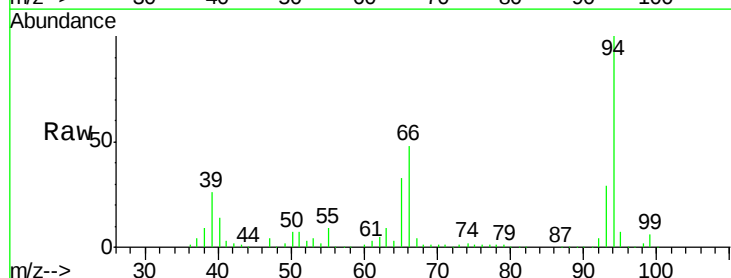


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

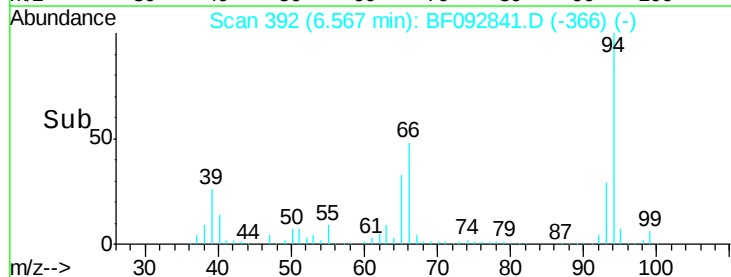
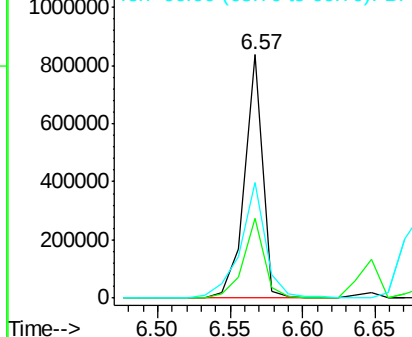


#10
Phenol
Concen: 61.34 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	21.4	61.4
66	47.7	44.0	84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





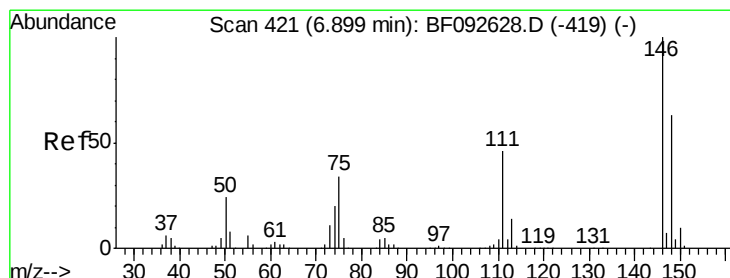
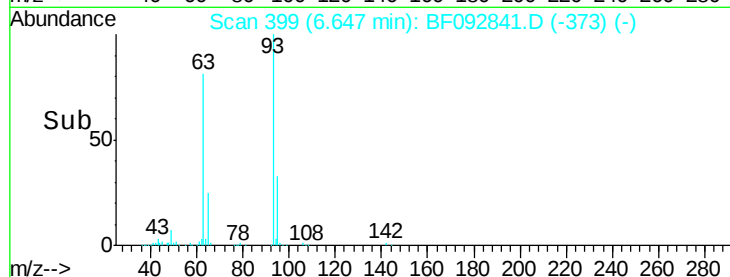
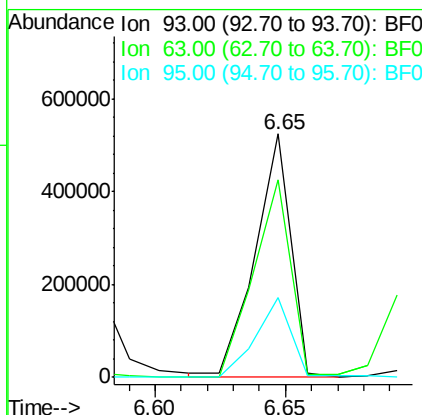
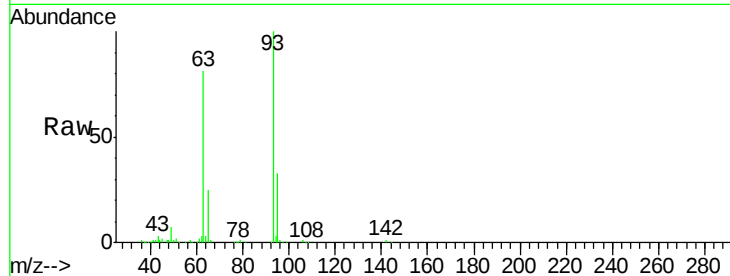
#11
bis(2-Chloroethyl)ether
Concen: 53.06 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	60.4	100.4
95	33.0	12.8	52.8

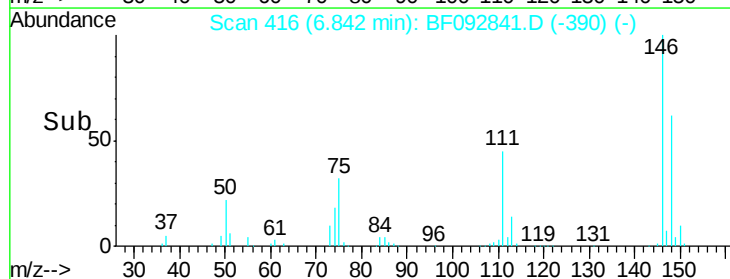
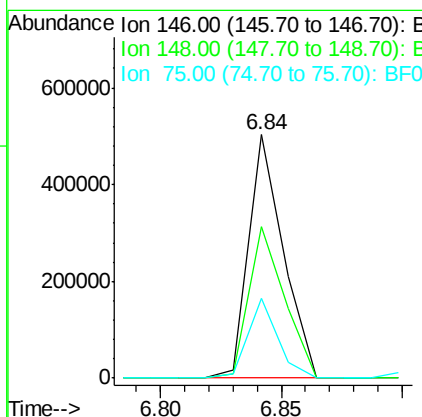
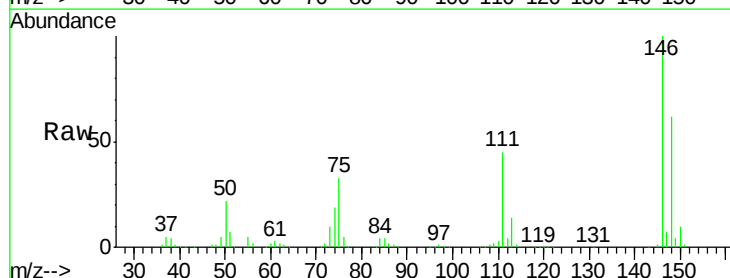
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#12
1,3-Dichlorobenzene
Concen: 49.38 ng m
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	53.4	80.0
75	32.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 51.74 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

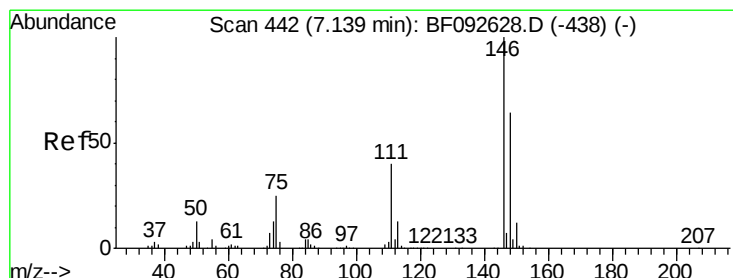
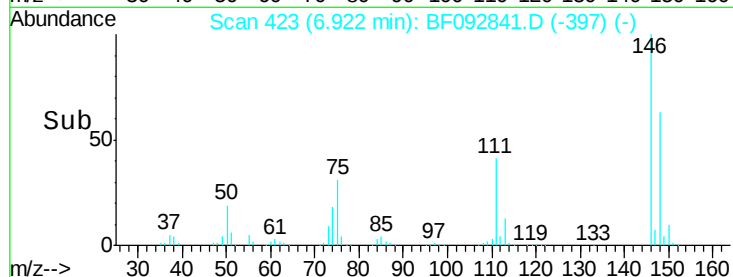
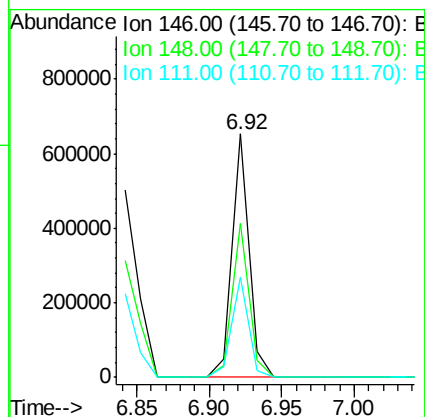
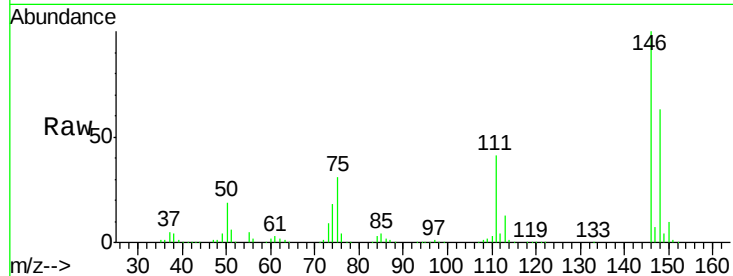
ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion:	146	Resp:	531795
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	76.0
111	41.0	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 50.59 ng m

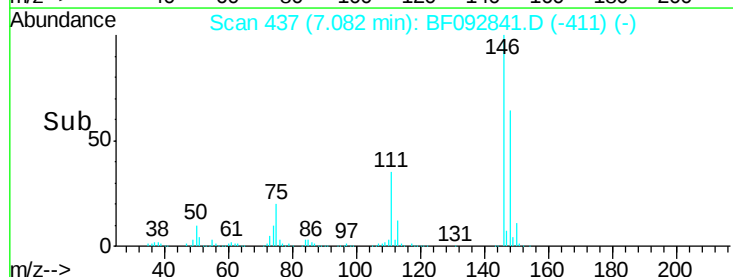
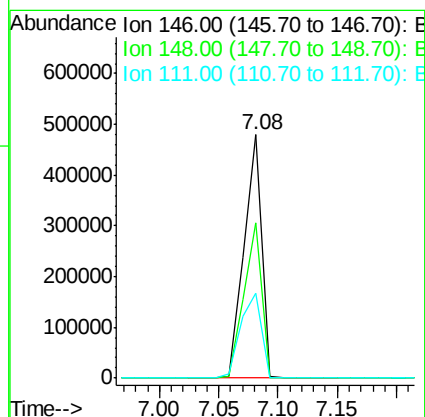
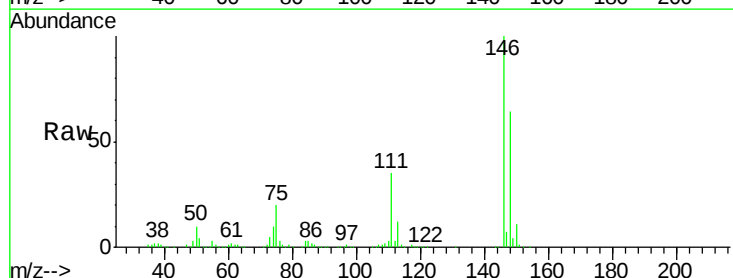
RT: 7.08 min Scan# 437

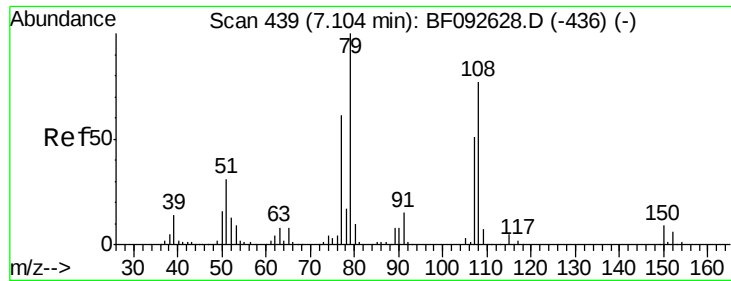
Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion:	146	Resp:	497190
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	35.1	36.2	54.2#





#15

Benzyl Alcohol

Concen: 51.09 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion: 79 Resp: 382410

Ion Ratio Lower Upper

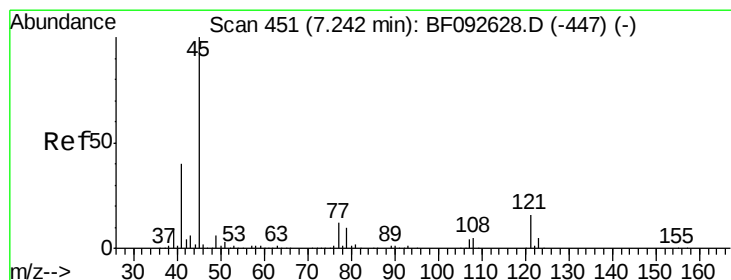
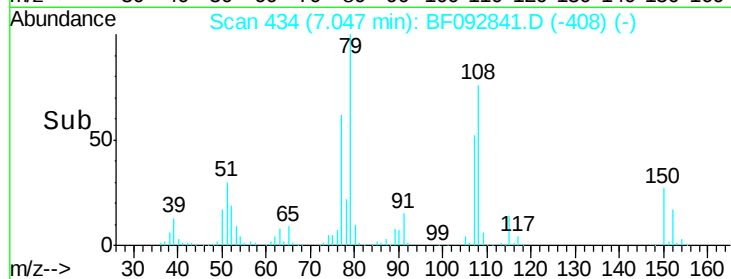
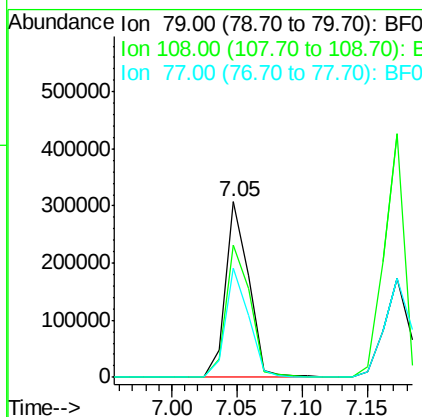
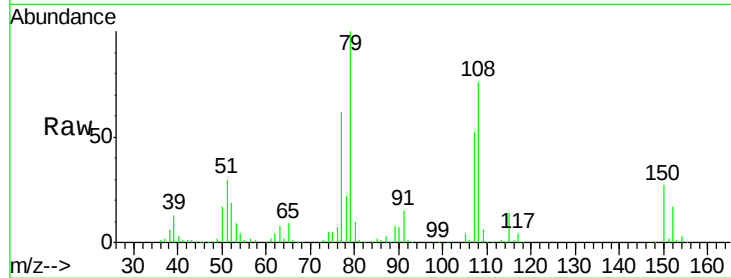
79 100

108 75.5 61.4 92.0

77 62.0 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.17 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

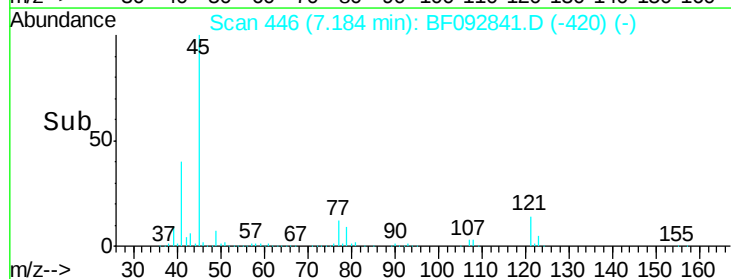
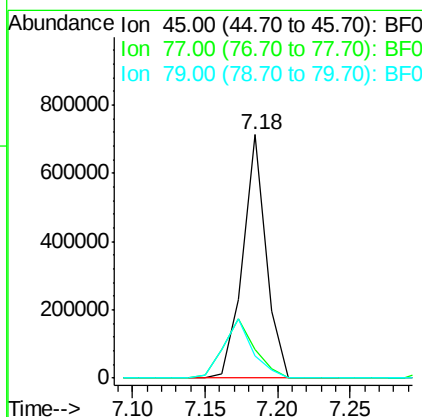
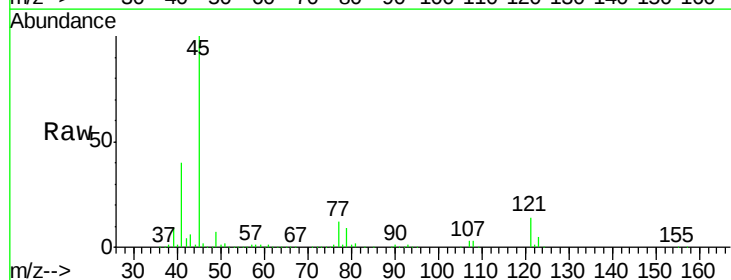
Tgt Ion: 45 Resp: 790191

Ion Ratio Lower Upper

45 100

77 11.8 0.0 34.6

79 9.3 0.0 31.2





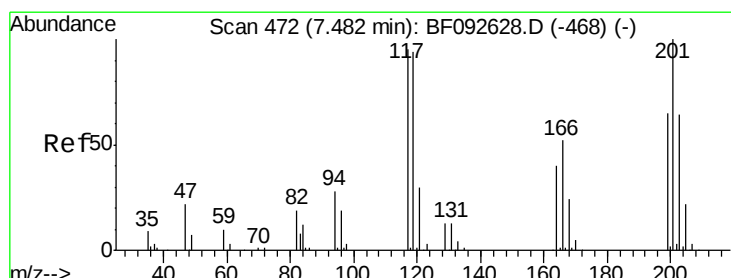
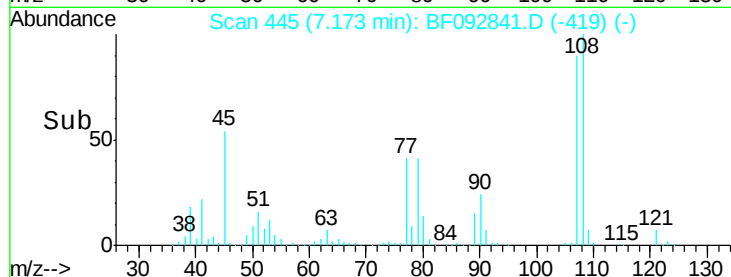
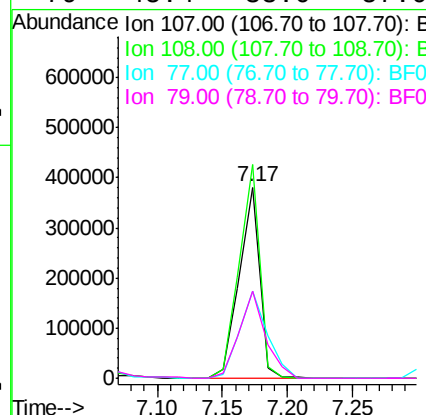
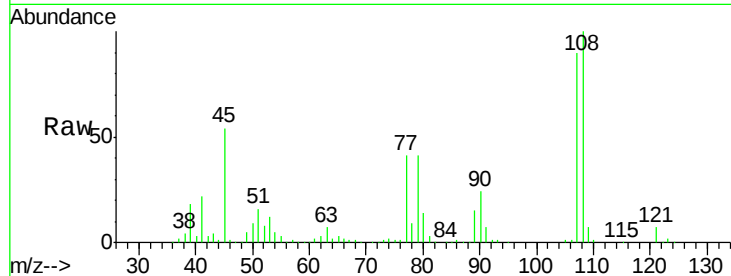
#17
2-Methylphenol
Concen: 55.39 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	93.0	139.6	
77	45.5	39.8	59.8	
79	45.4	38.0	57.0	

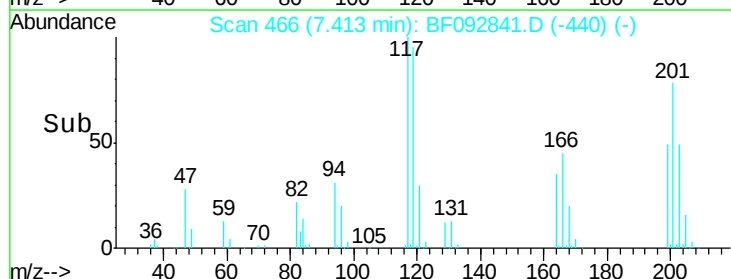
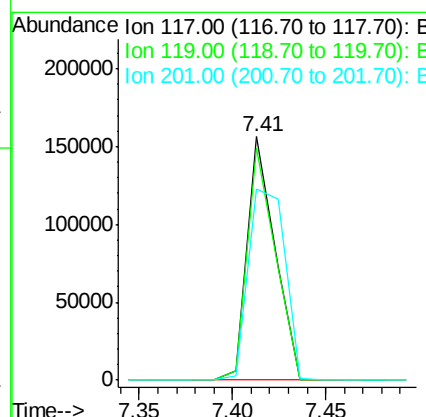
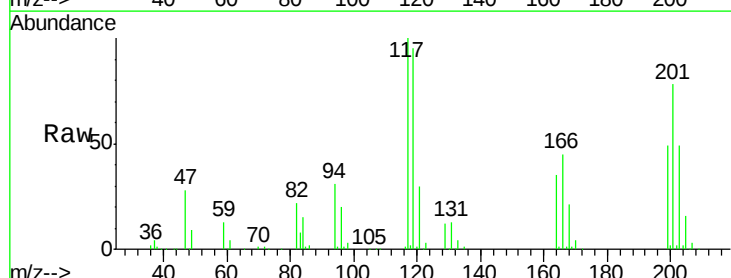
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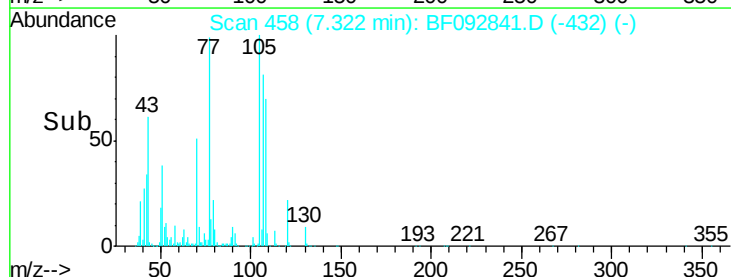
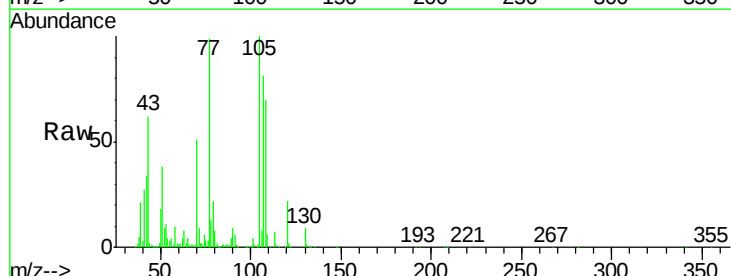
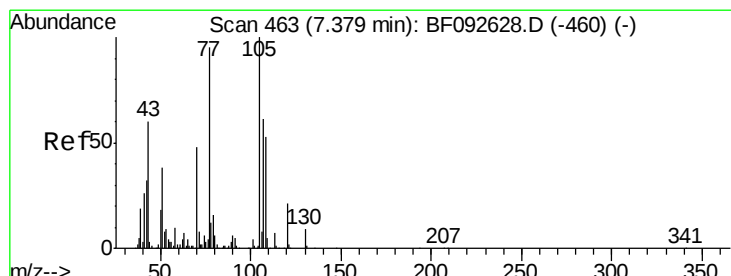
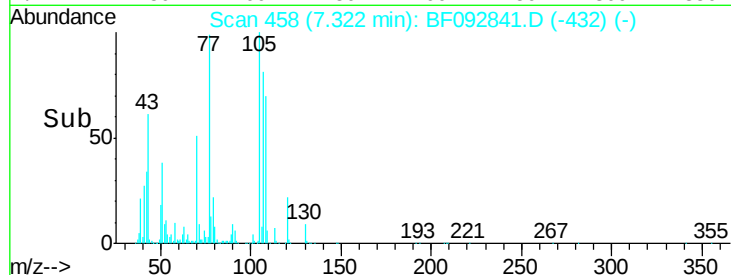
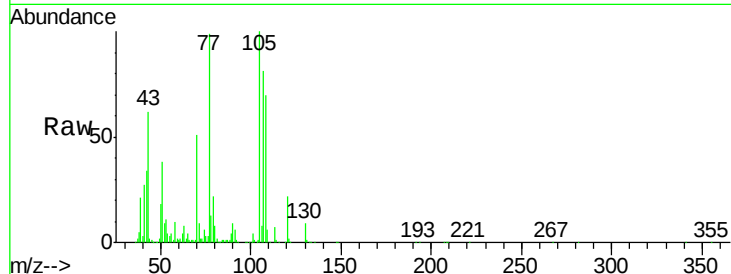
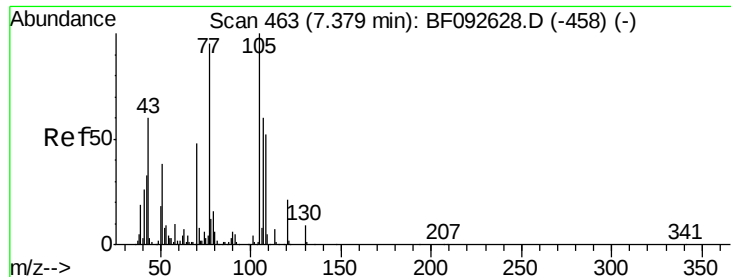
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#18
Hexachloroethane
Concen: 46.08 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

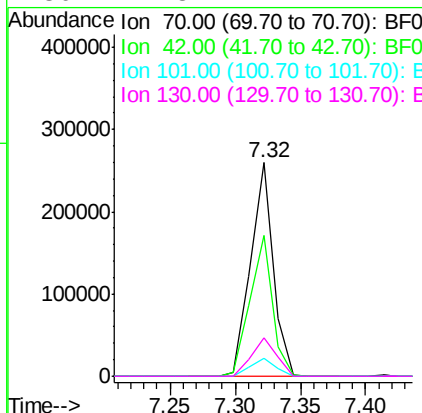
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	78.1	117.1	
201	78.3	78.6	117.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 48.83 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		314286		
42	66.2	49.4	74.0		
101	8.7	7.4	11.2		
130	17.8	14.2	21.4		



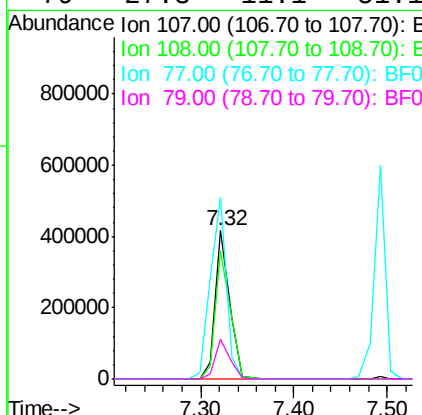
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

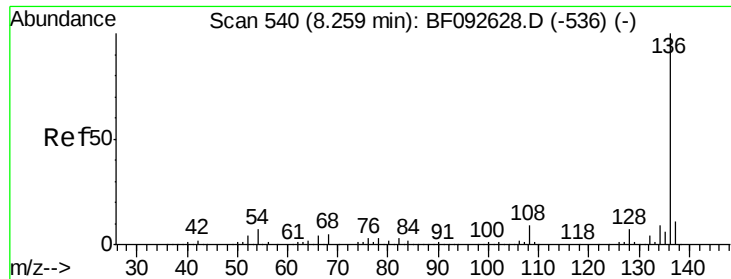
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#20
3+4-Methylphenols
Concen: 49.76 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		442470		
108	86.9	73.0	113.0		
77	122.8	71.3	111.3#		
79	27.3	11.1	51.1		





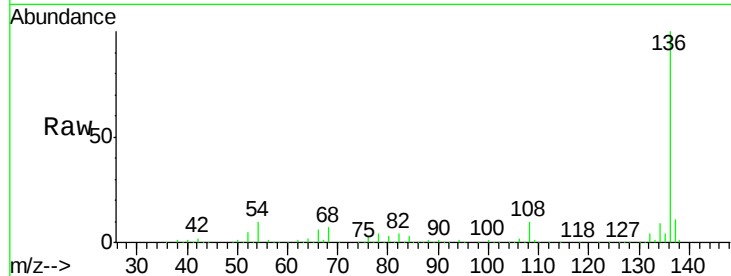
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

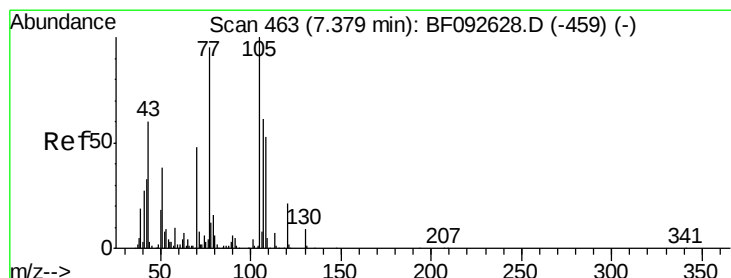
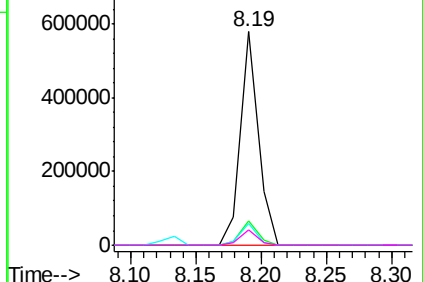
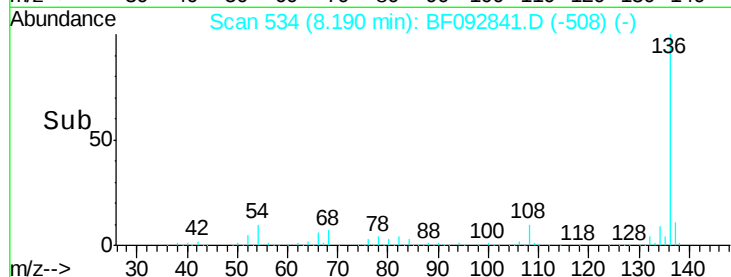
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.3	4.5	6.7#
68	6.9	3.6	5.4#

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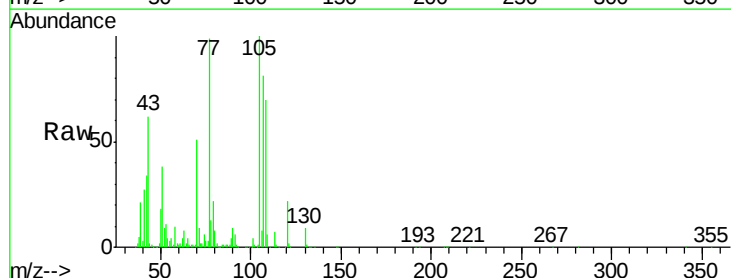


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

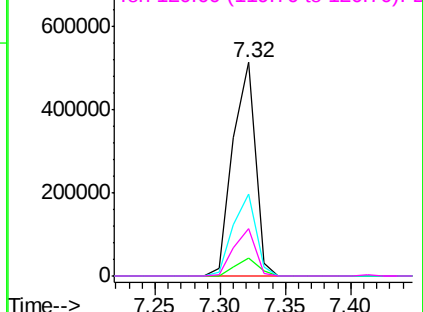
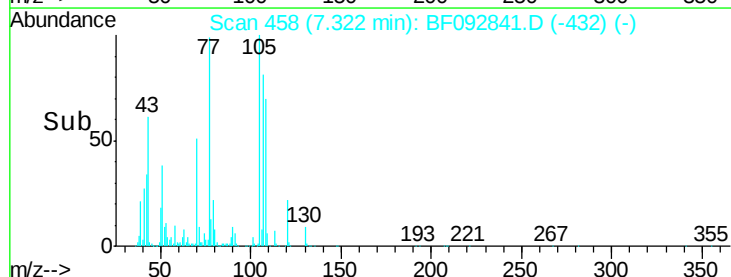


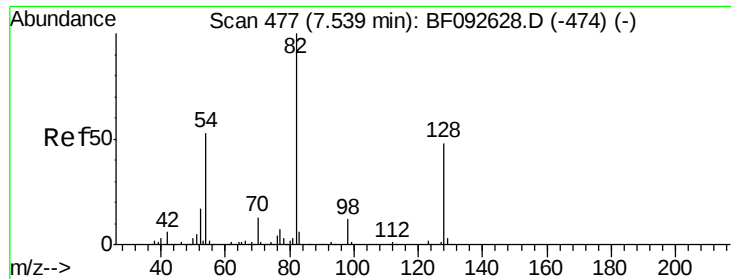
#22
Acetophenone
Concen: 48.79 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.7	3.2	4.8#
51	38.5	26.2	39.4
120	22.2	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





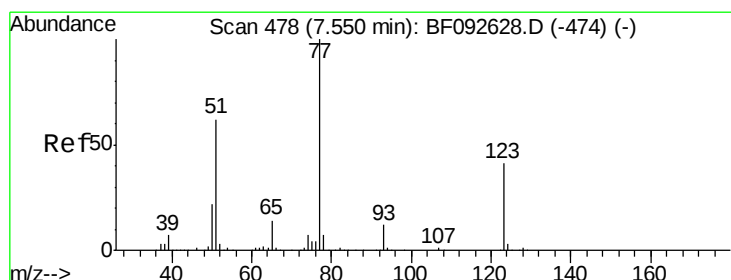
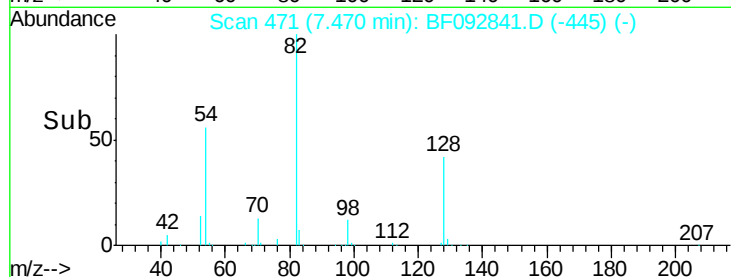
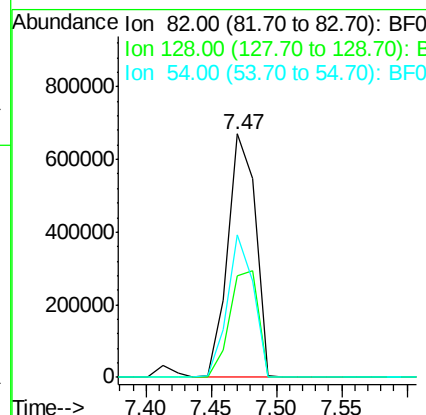
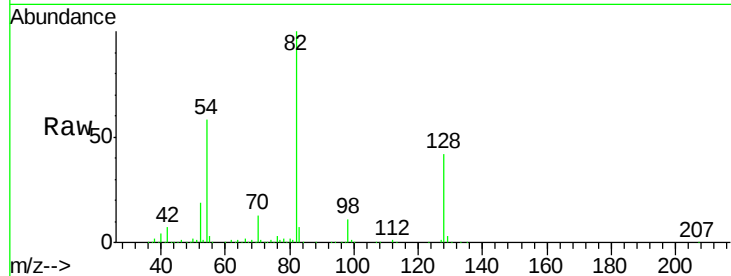
#23
Nitrobenzene-d5
Concen: 99.76 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	82	Resp	987677
Ion Ratio	100	Lower	Upper
128	41.5	34.6	52.0
54	58.5	39.5	59.3

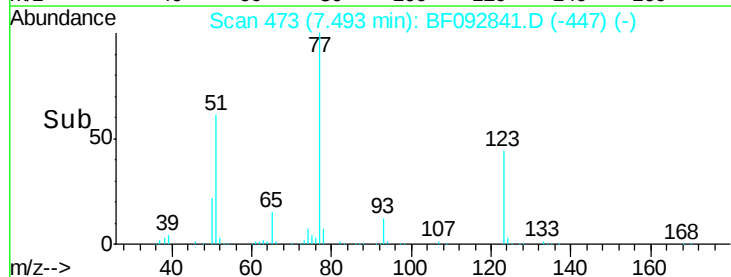
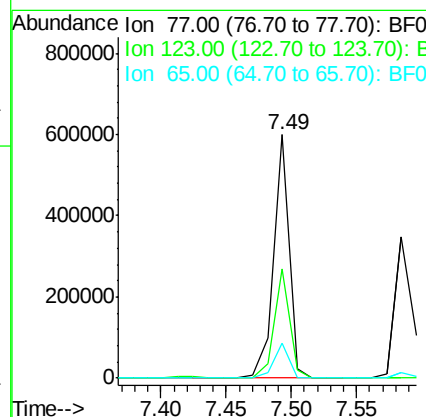
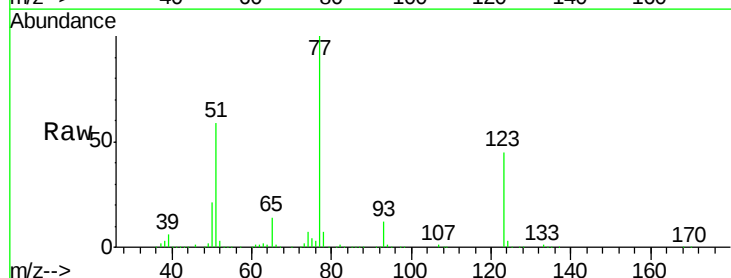
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#24
Nitrobenzene
Concen: 49.24 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	77	Resp	500569
Ion Ratio	100	Lower	Upper
123	44.8	33.0	49.4
65	14.5	11.2	16.8





#25

Isophorone

Concen: 51.12 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

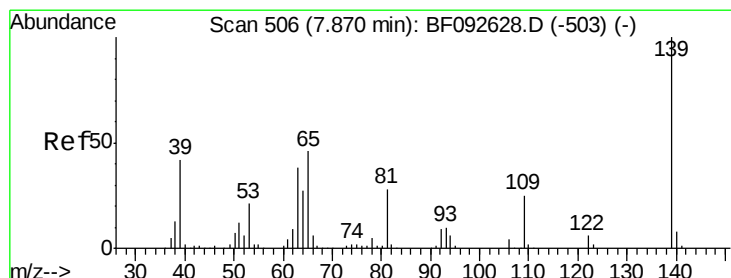
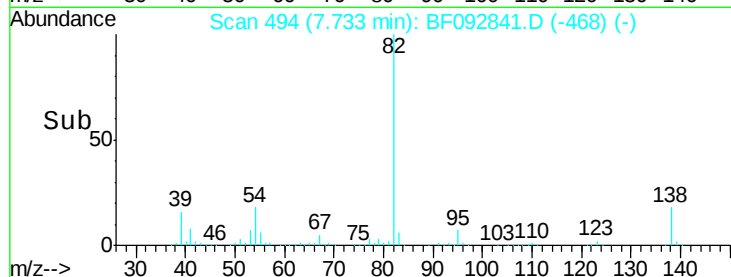
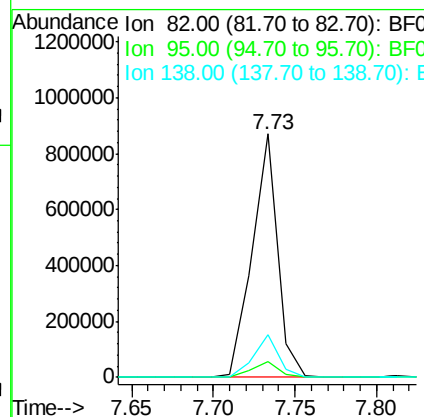
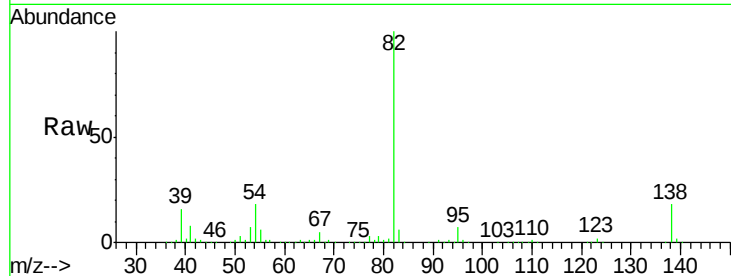
ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion:	82	Resp:	943072
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	17.7	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.68 ng

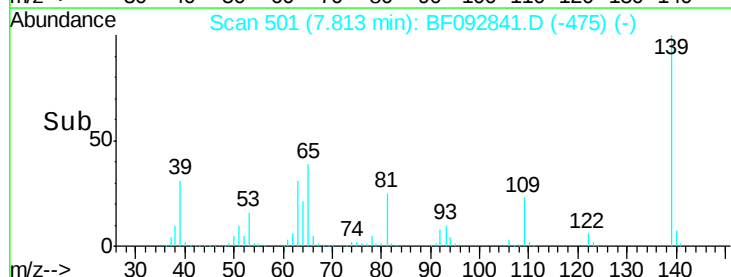
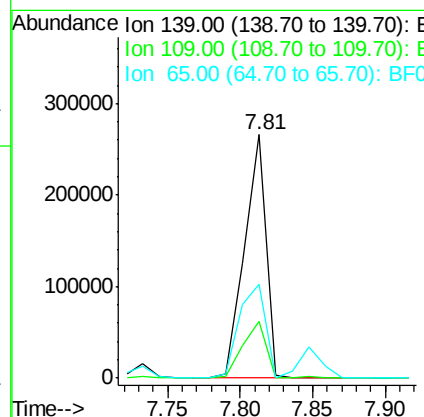
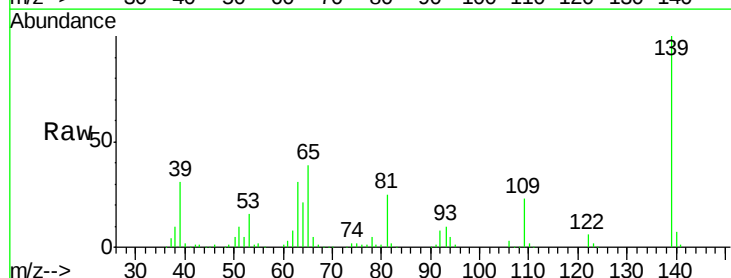
RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion:	139	Resp:	273893
Ion Ratio	Lower	Upper	
139	100		
109	23.2	23.3	34.9#
65	38.6	42.7	64.1#





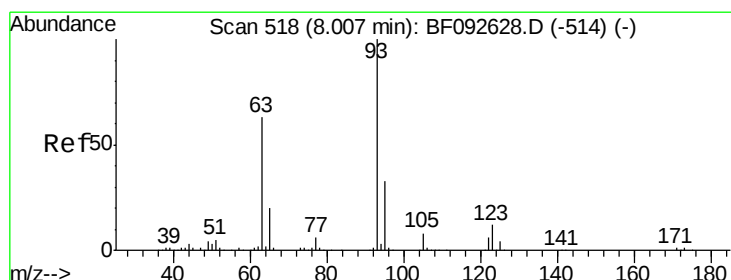
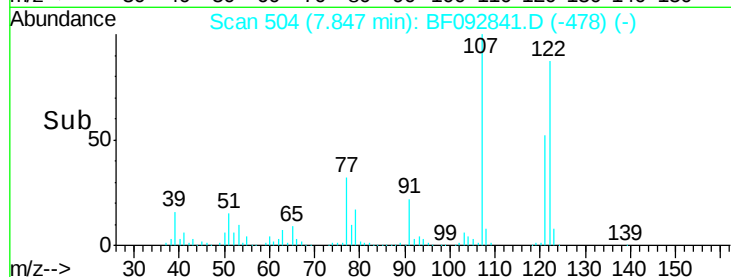
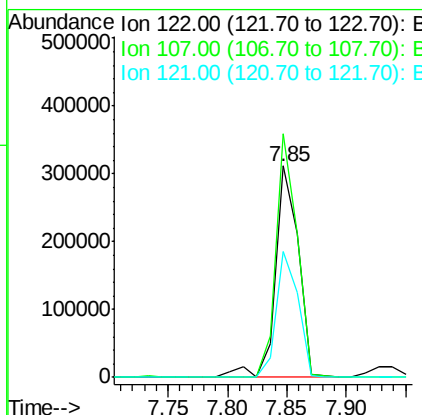
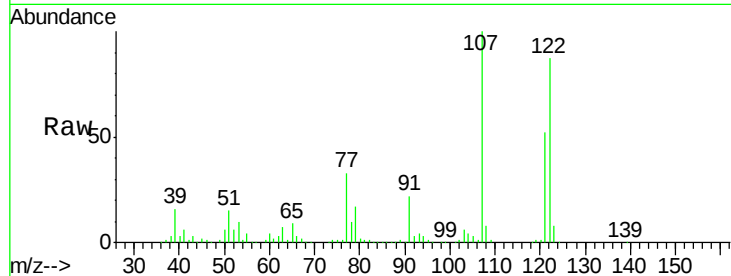
#27
2,4-Dimethylphenol
Concen: 48.90 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	94.1	141.1
121	59.5	46.0	69.0

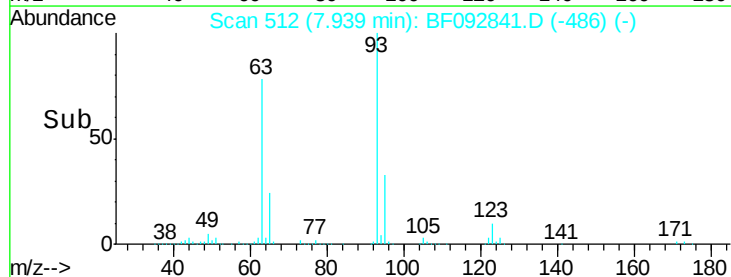
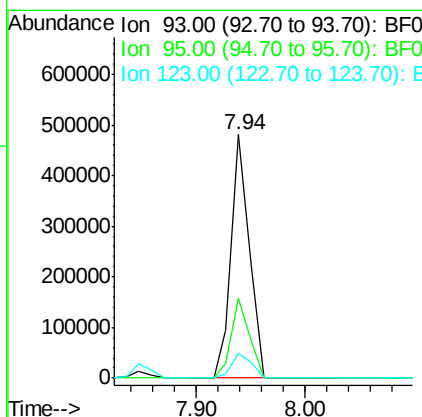
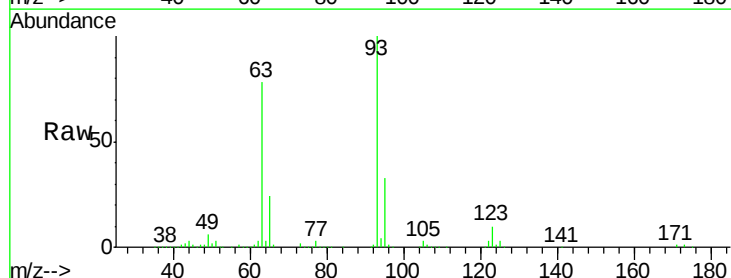
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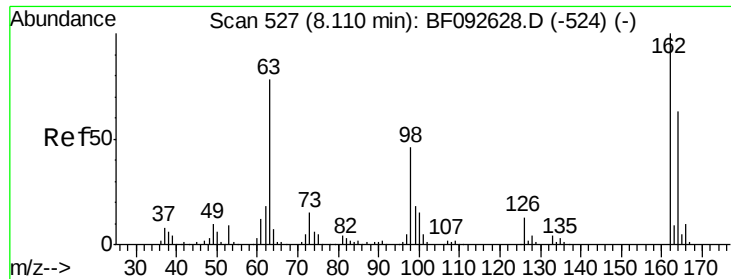
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#28
bis(2-Chloroethoxy)methane
Concen: 45.07 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.3	8.6	13.0





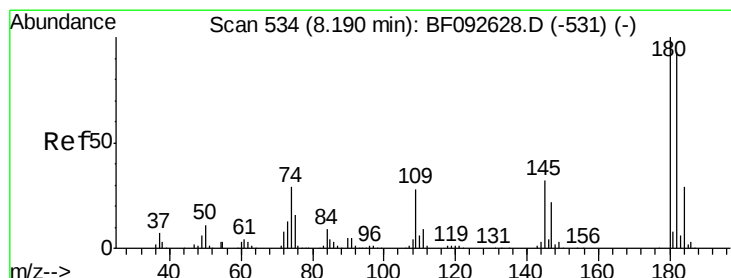
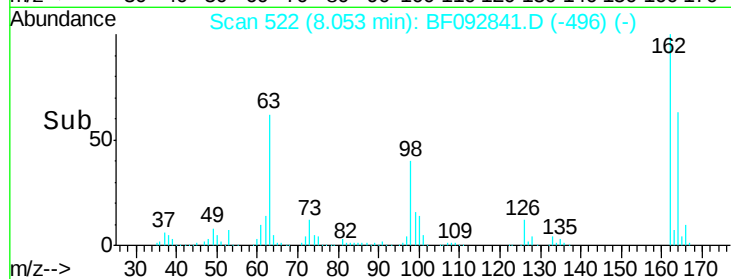
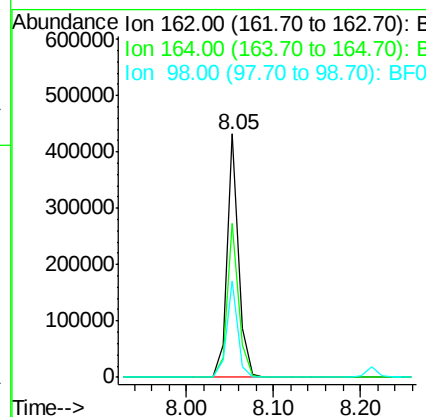
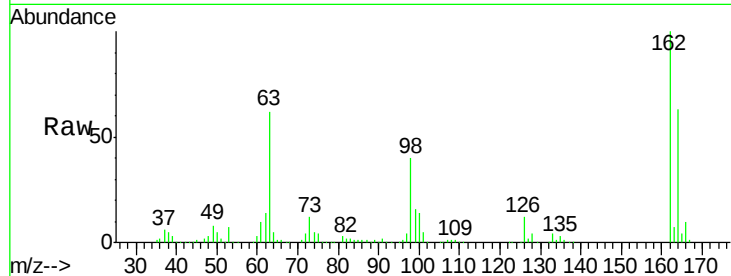
#29
 2,4-Dichlorophenol
 Concen: 50.82 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	402238		
164	63.1	46.8	86.8	
98	39.6	9.1	49.1	

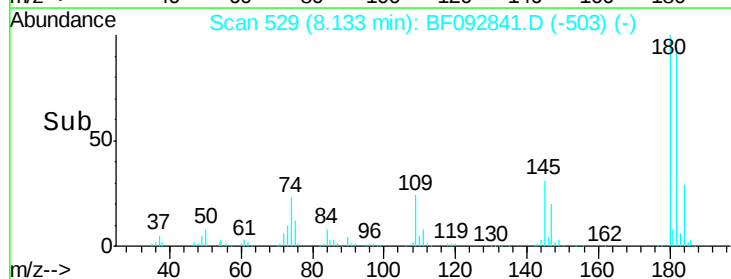
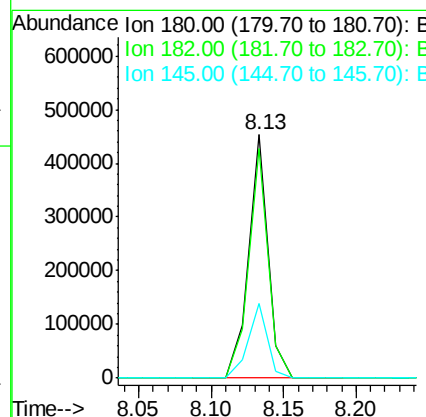
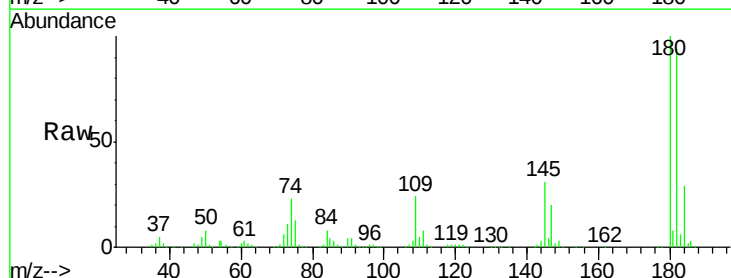
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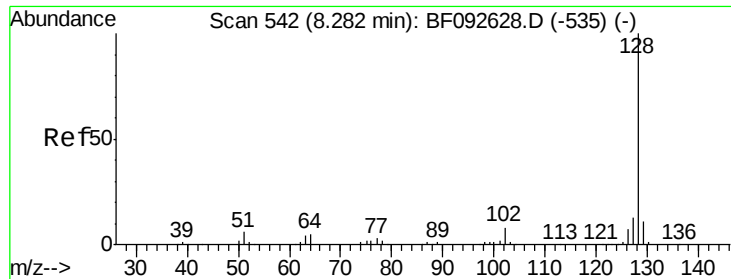
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.25 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	420114		
182	94.3	78.2	117.4	
145	30.6	21.6	32.4	





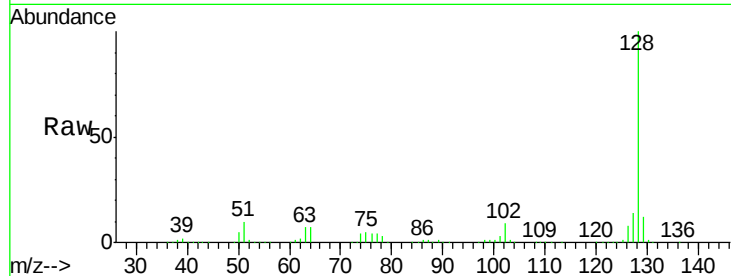
#31
Naphthalene
Concen: 44.58 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

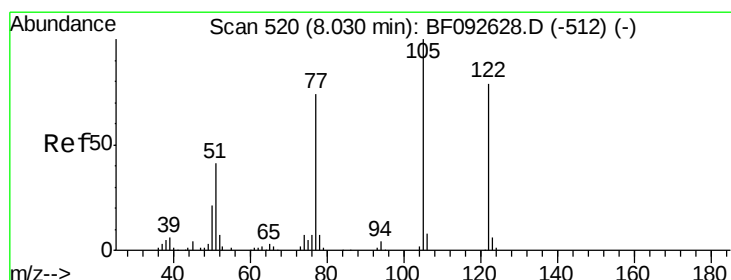
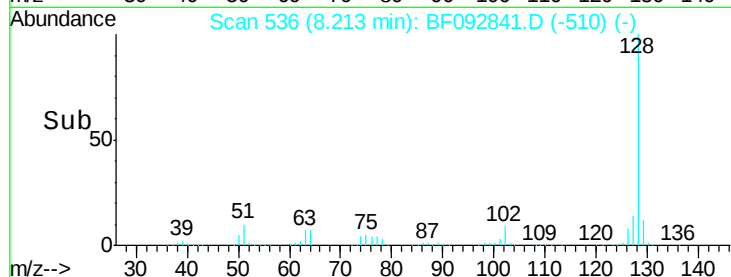
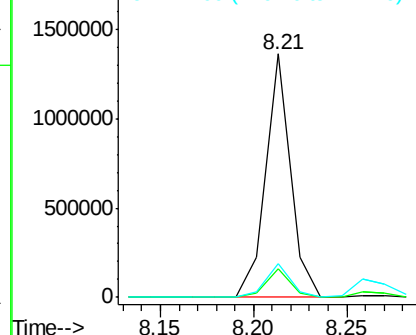
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	13.7	10.8	16.2

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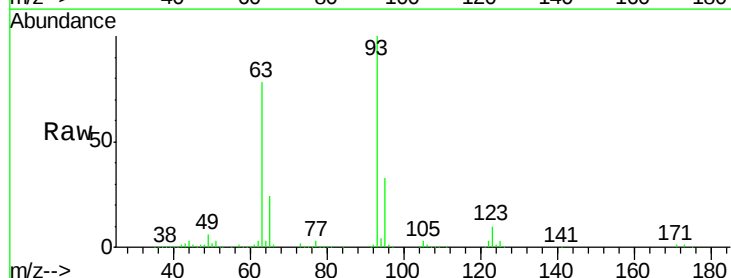


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

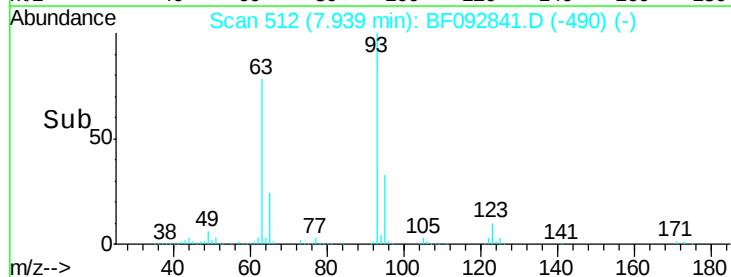
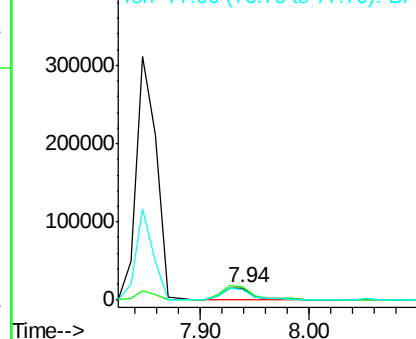


#32
Benzoic acid
Concen: 12.85 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.8	107.2	147.2#
77	83.1	74.5	114.5



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





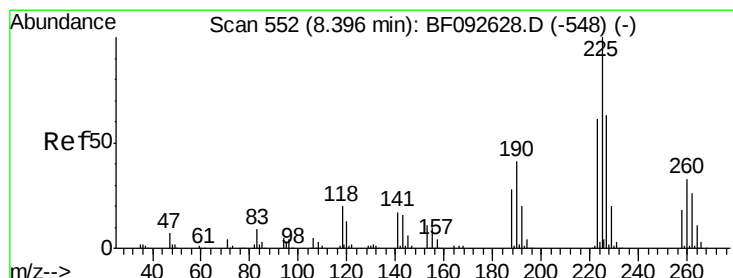
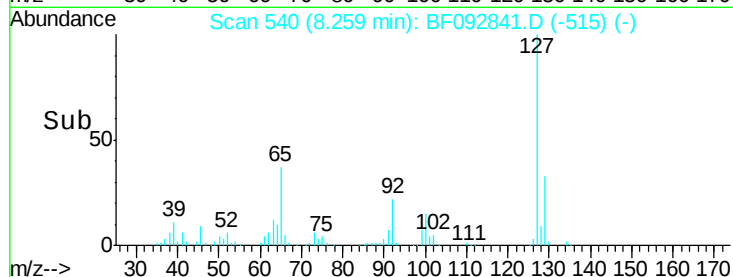
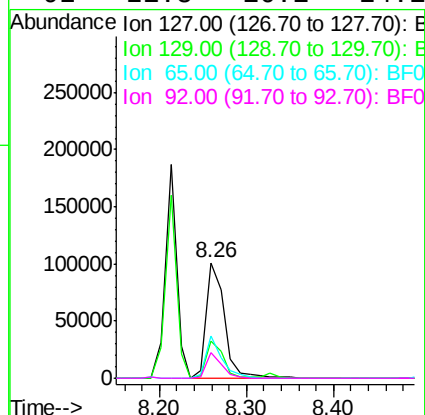
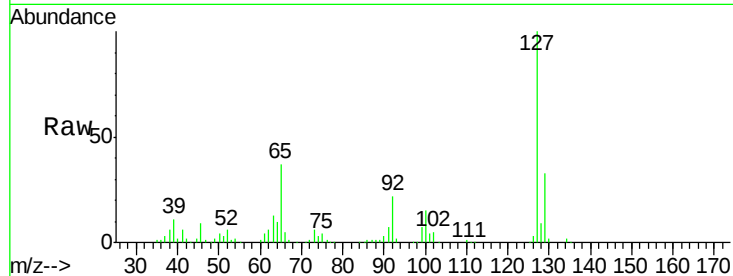
#33
4-Chloroaniline
Concen: 13.50 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		147988		
129	32.6	26.3	39.5		
65	36.9	25.8	38.8		
92	21.8	16.1	24.1		

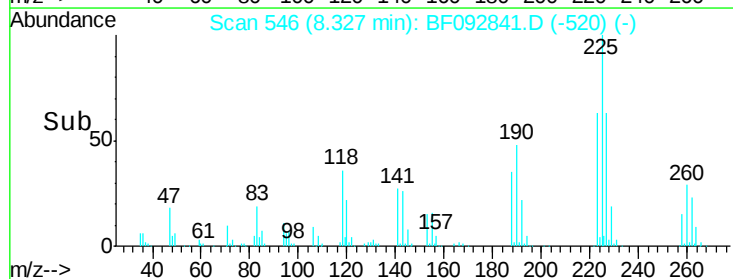
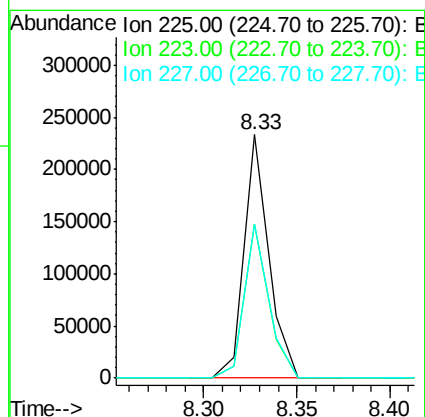
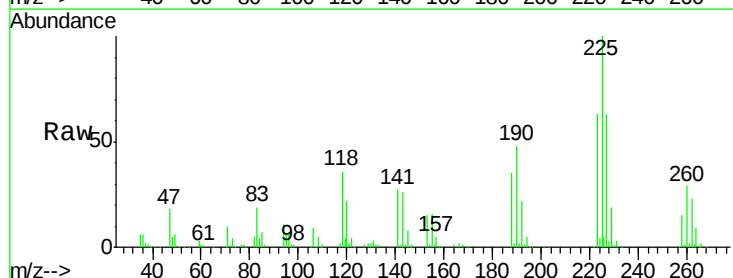
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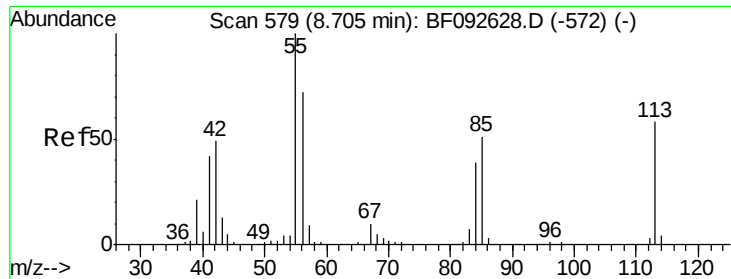
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#34
Hexachlorobutadiene
Concen: 45.84 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		215108		
223	63.4	51.0	76.6		
227	63.1	50.6	76.0		





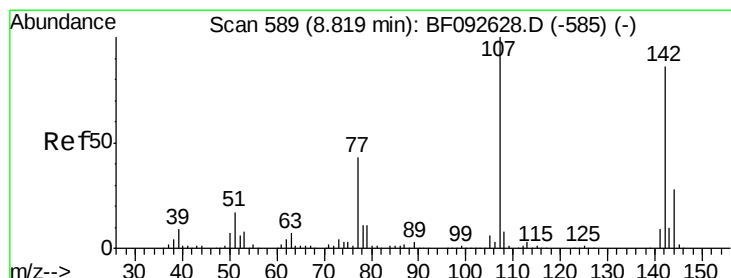
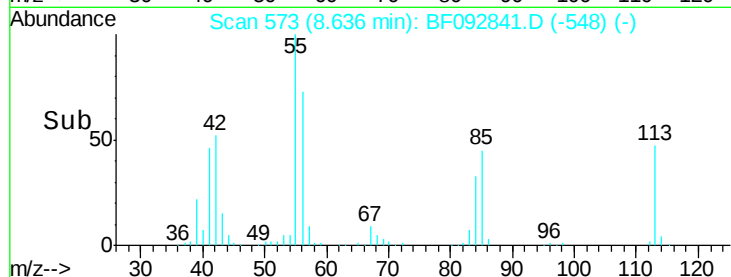
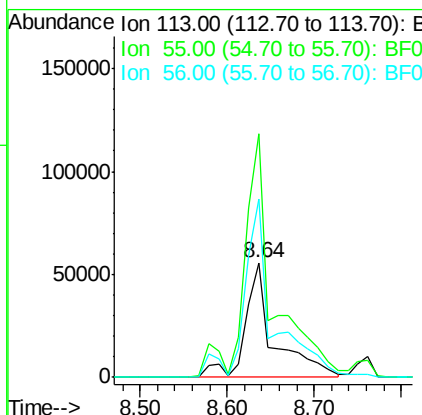
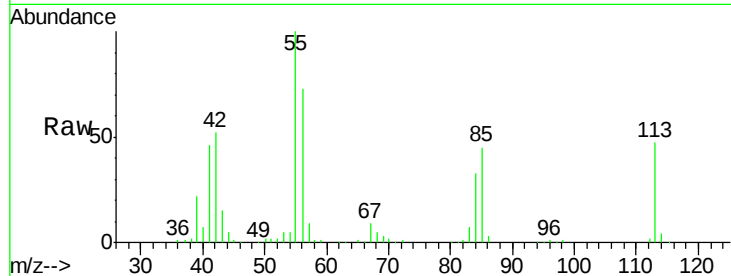
#35
 Caprolactam
 Concen: 51.21 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion:113 Resp: 127492
 Ion Ratio Lower Upper
 113 100
 55 212.8 119.2 159.2#
 56 155.4 83.8 123.8#

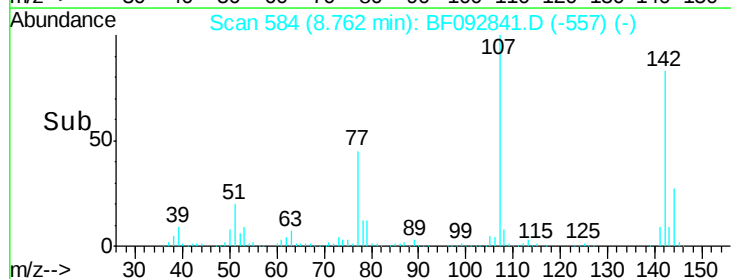
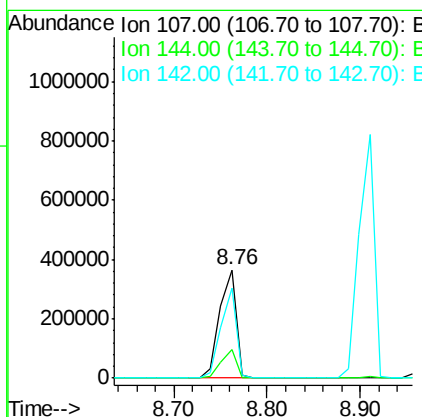
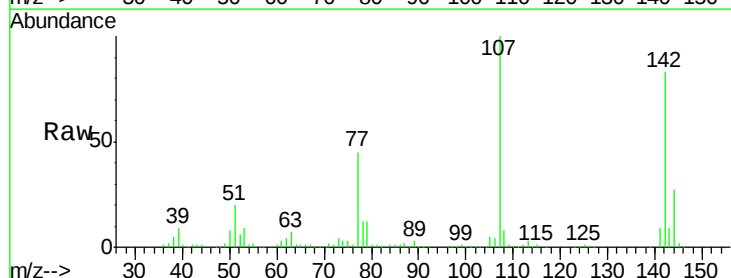
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#36
 4-Chloro-3-methylphenol
 Concen: 54.30 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion:107 Resp: 448077
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.3 28.9
 142 83.0 59.0 88.6





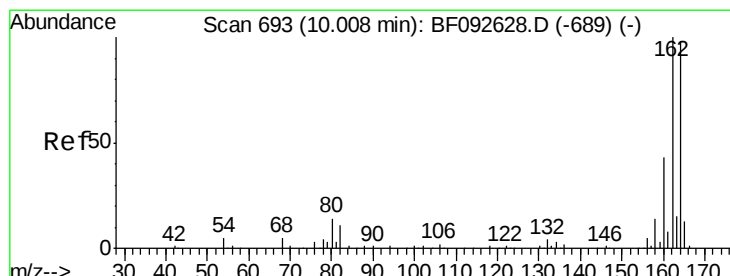
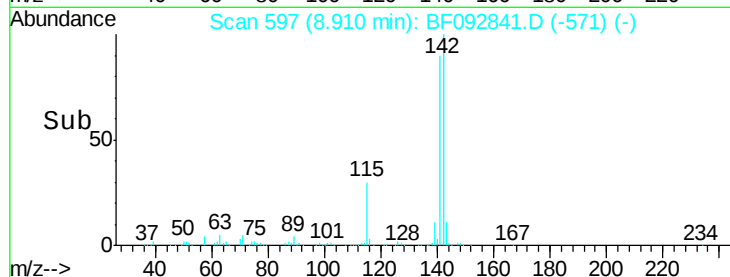
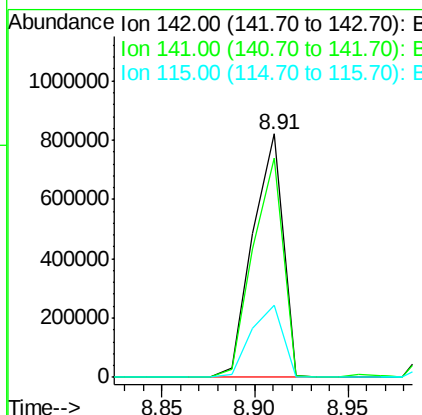
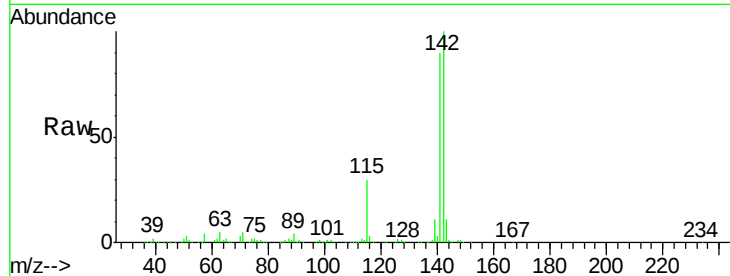
#37
2-Methylnaphthalene
Concen: 51.44 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	29.5	28.3	42.5

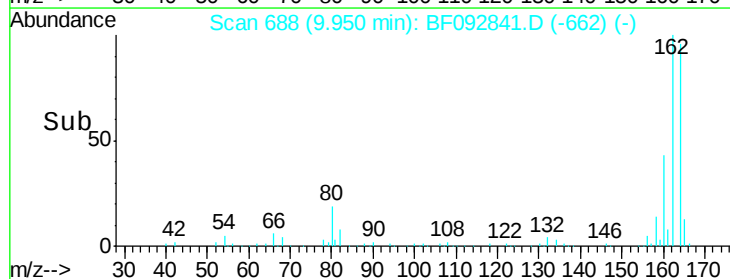
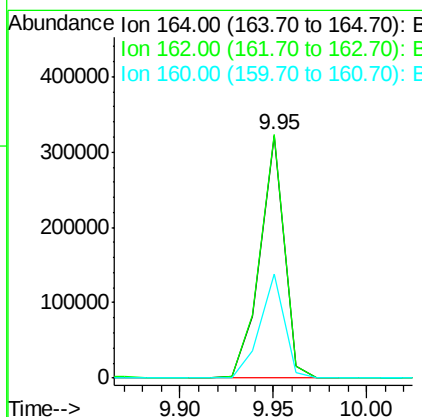
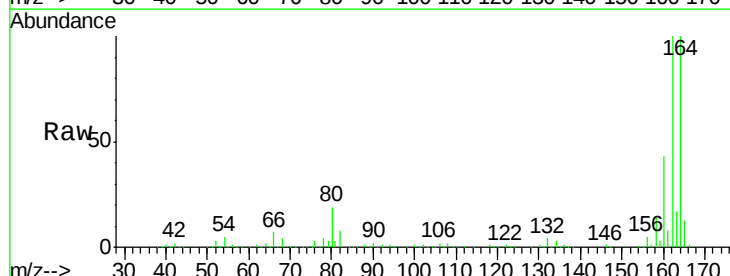
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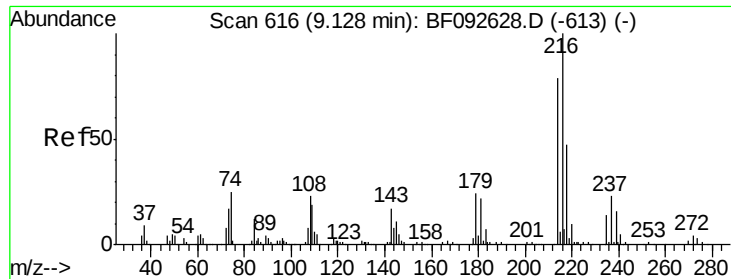
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	43.0	36.9	55.3





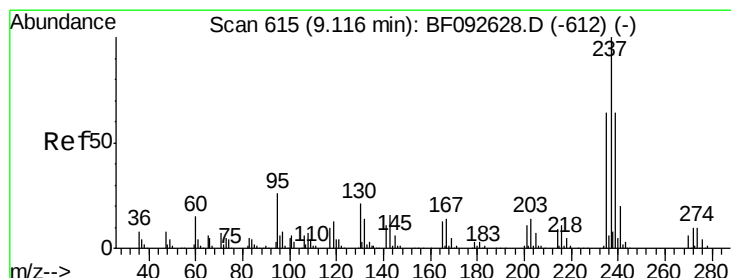
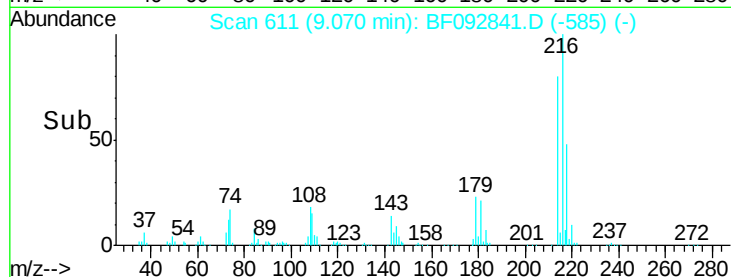
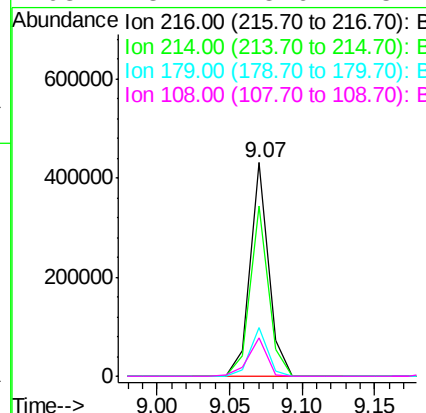
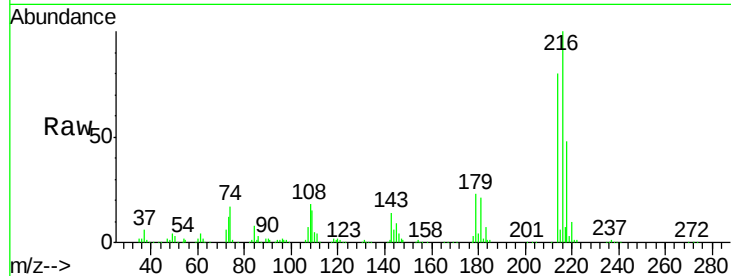
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion:	216	Resp:	381476
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.0
179	22.1	17.4	26.2
108	18.7	15.6	23.4

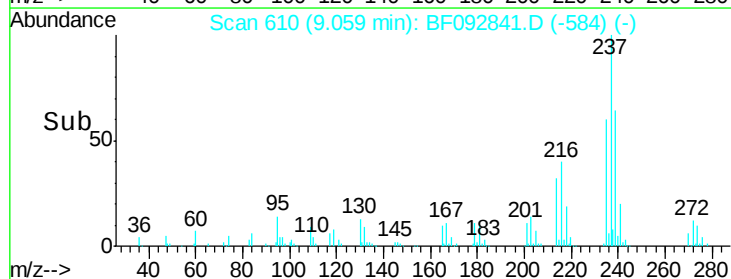
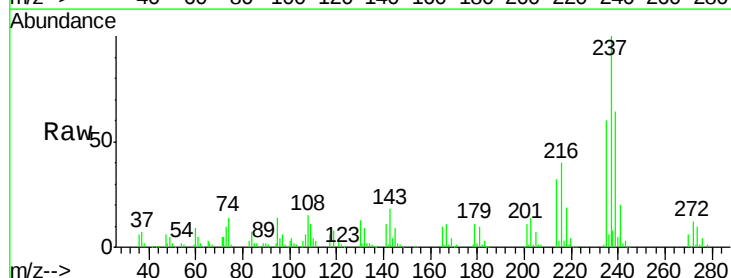
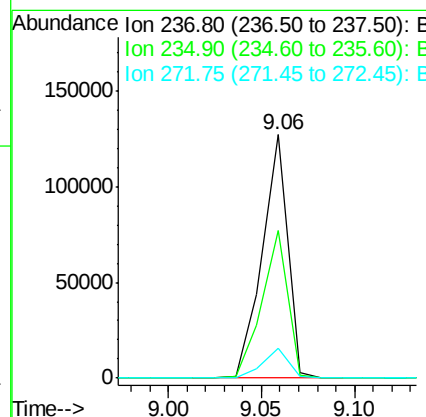
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#40
 Hexachlorocyclopentadiene
 Concen: 32.74 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion:	237	Resp:	119890
Ion Ratio	Lower	Upper	
237	100		
235	60.4	41.2	81.2
272	12.5	0.0	35.4





#41

2,4,6-Tribromophenol

Concen: 141.75 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

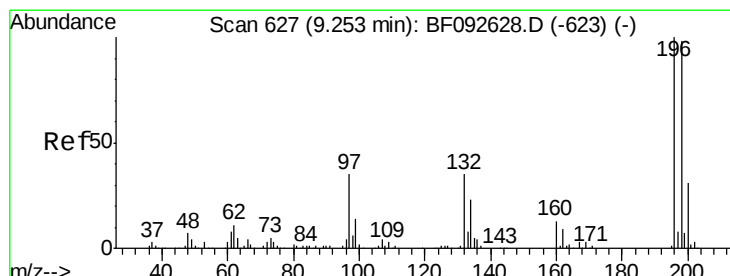
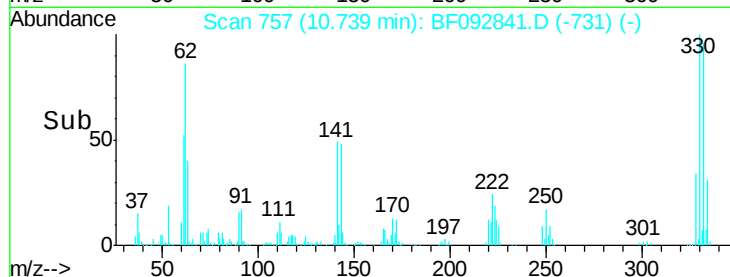
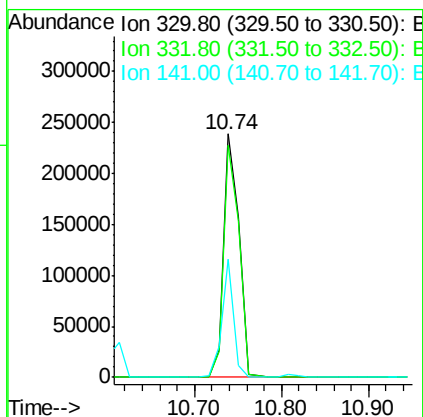
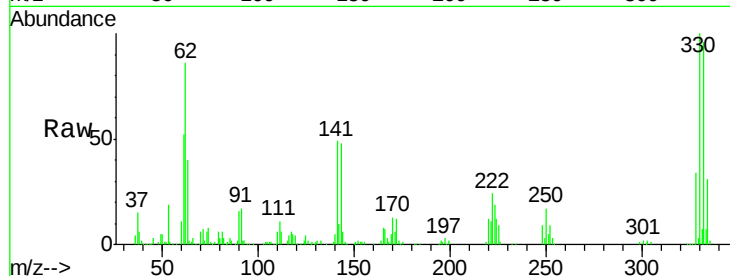
ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion:	330	Resp:	296406
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.4	116.2
141	37.3	34.1	51.1

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#42

2,4,6-Trichlorophenol

Concen: 50.66 ng

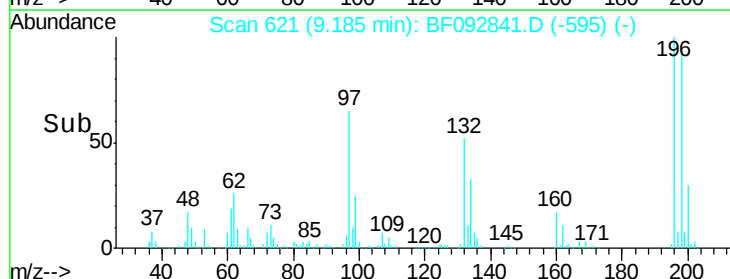
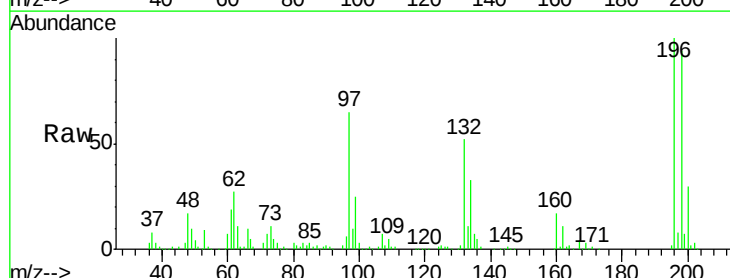
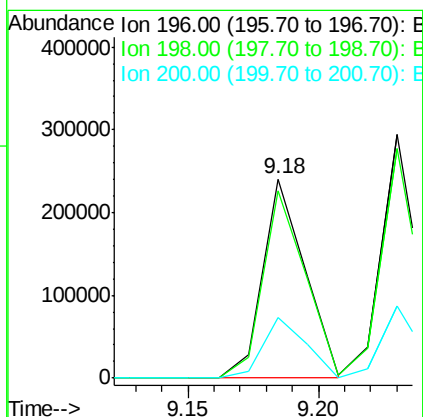
RT: 9.18 min Scan# 621

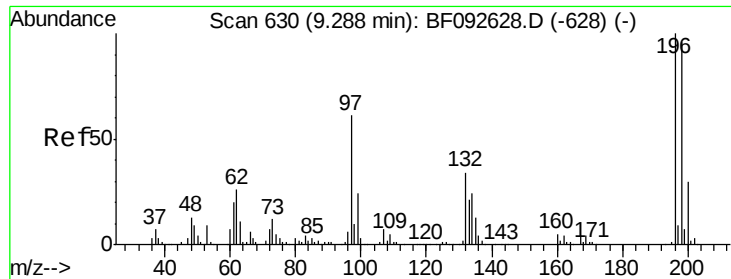
Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion:	196	Resp:	270158
Ion Ratio	Lower	Upper	
196	100		
198	94.1	82.1	123.1
200	30.2	27.0	40.4





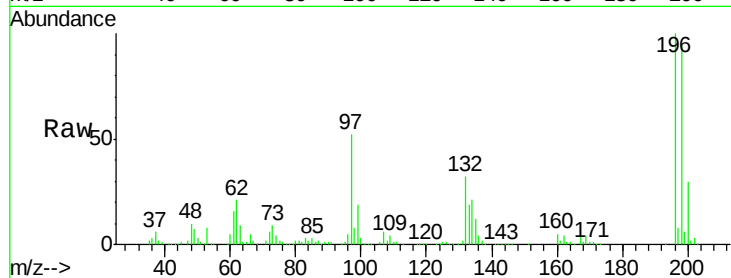
#43
 2,4,5-Trichlorophenol
 Concen: 48.02 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

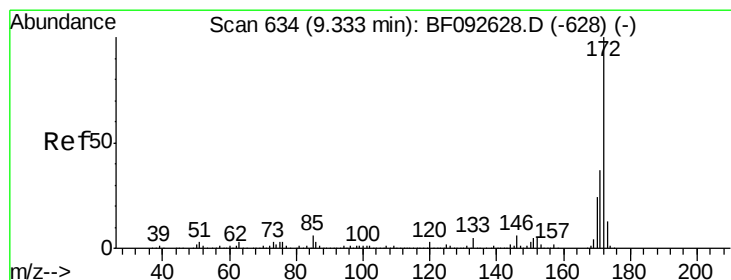
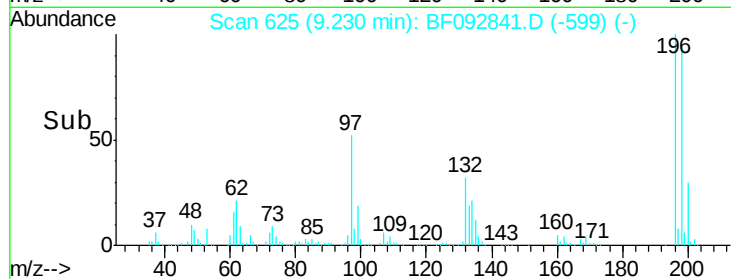
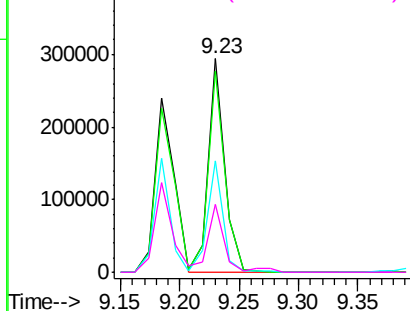
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		280580		
198	94.3	79.4	119.2		
97	52.2	51.5	77.3		
132	31.9	27.4	41.2		

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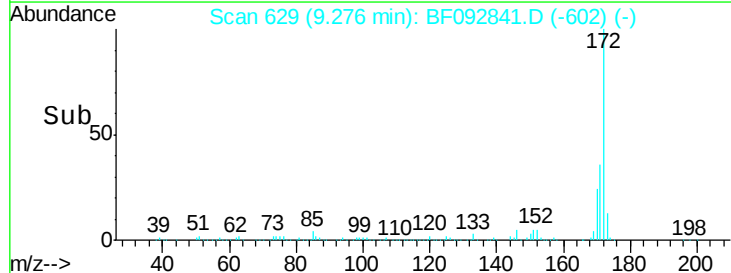
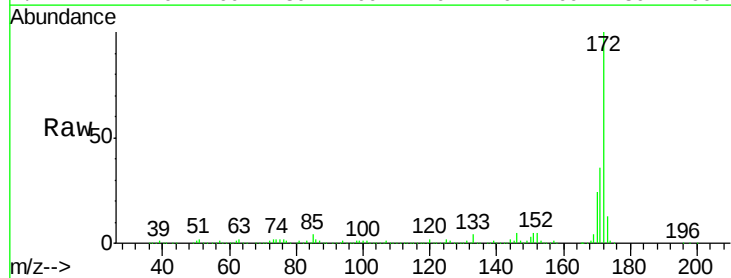
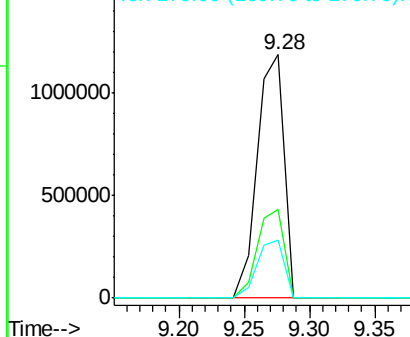
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.47 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1699074		
171	36.2	29.4	44.0		
170	23.9	20.2	30.4		

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





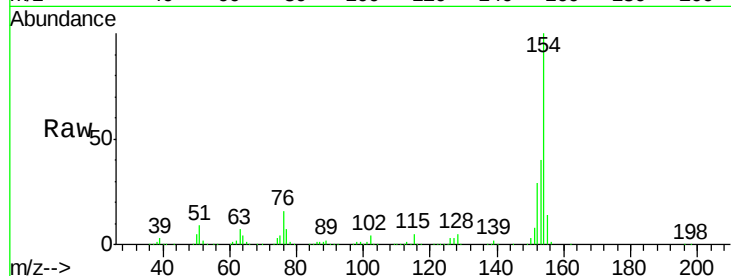
#45
 1,1'-Biphenyl
 Concen: 45.79 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

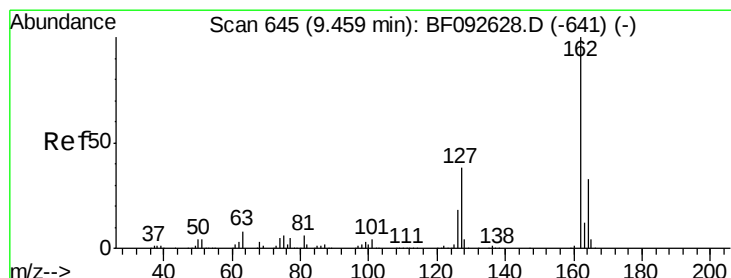
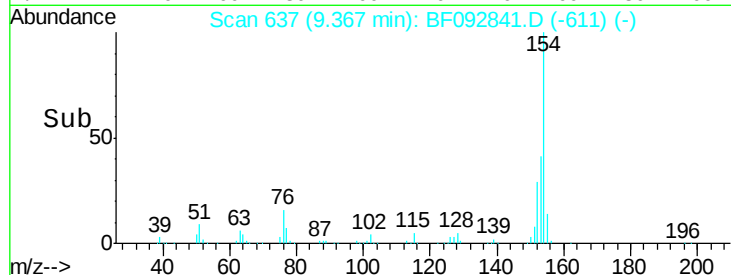
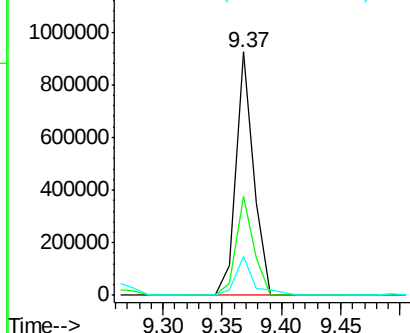
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.9	60.9	
76	15.8	0.0	30.5	

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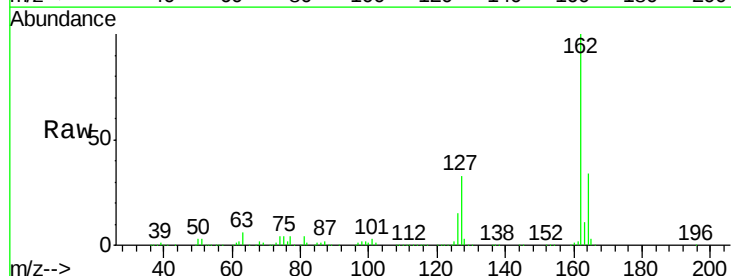


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

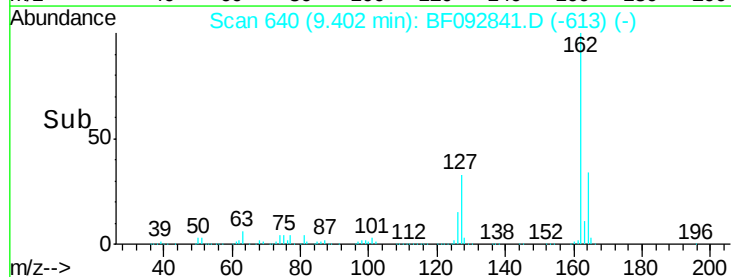
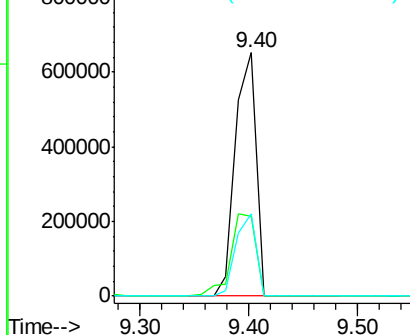


#46
 2-Chloronaphthalene
 Concen: 51.72 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	33.0	30.7	46.1	
164	33.9	27.6	41.4	



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





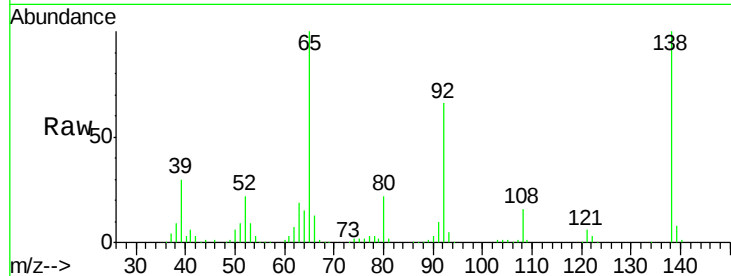
#47
2-Nitroaniline
Concen: 47.91 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

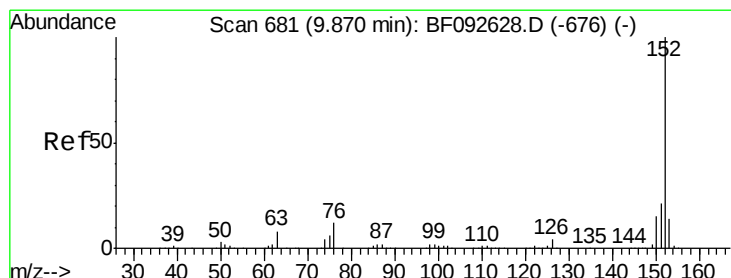
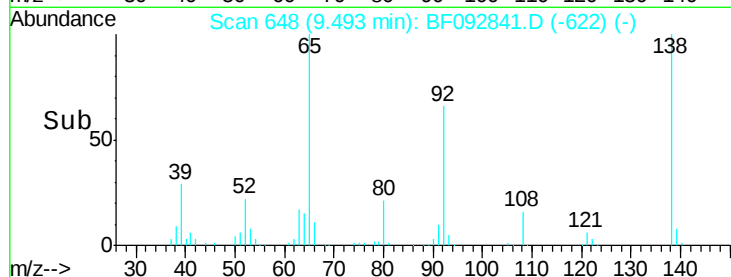
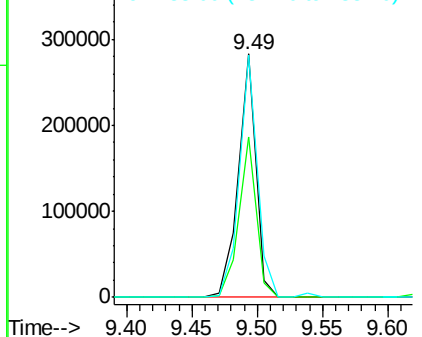
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.9	80.9
138	99.7	76.8	115.2

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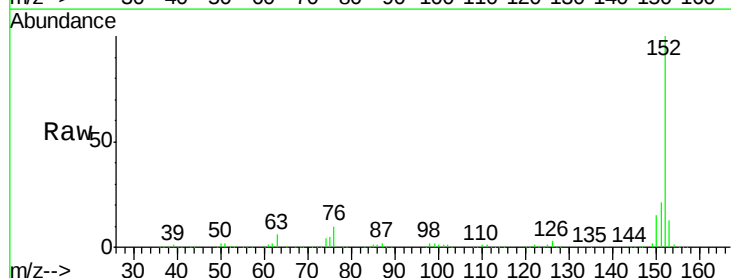


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

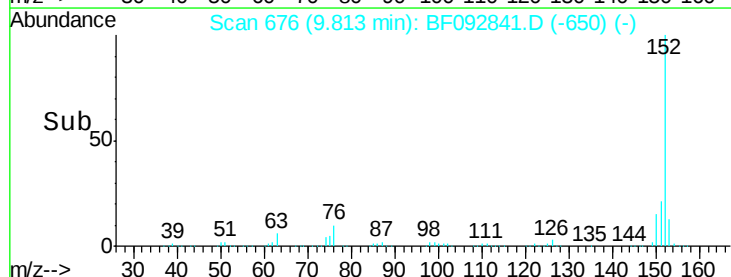
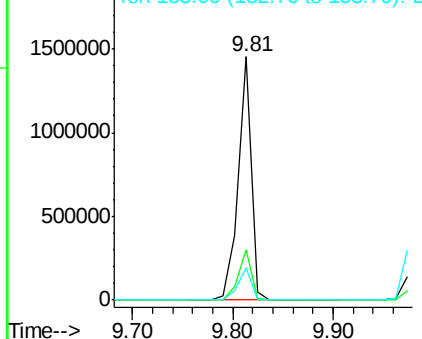


#48
Acenaphthylene
Concen: 46.50 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.2	11.4	17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 63.25 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion:163 Resp: 1231668

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

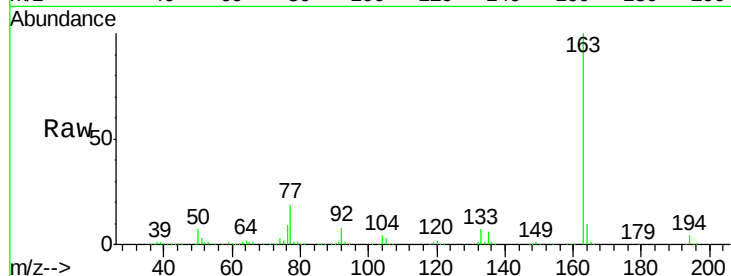
164 10.3 8.0 12.0

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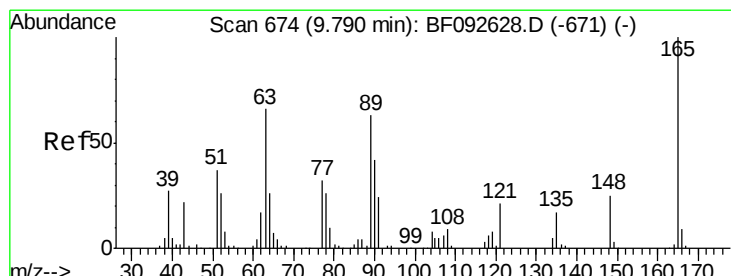
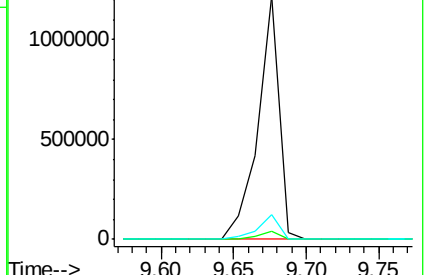
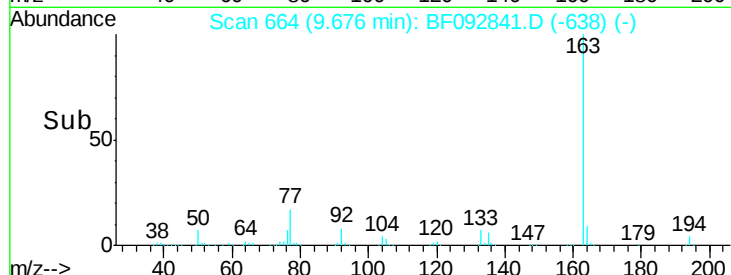
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.50 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

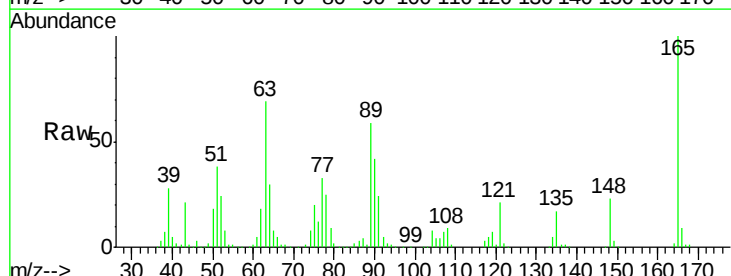
Tgt Ion:165 Resp: 203955

Ion Ratio Lower Upper

165 100

63 69.3 36.2 54.4#

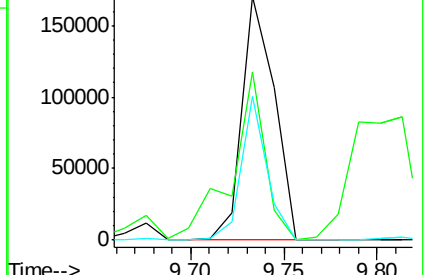
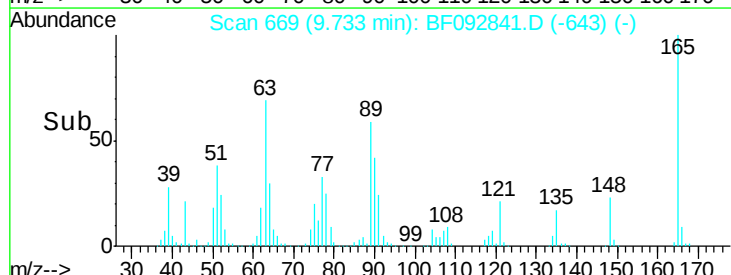
89 59.2 40.2 60.4

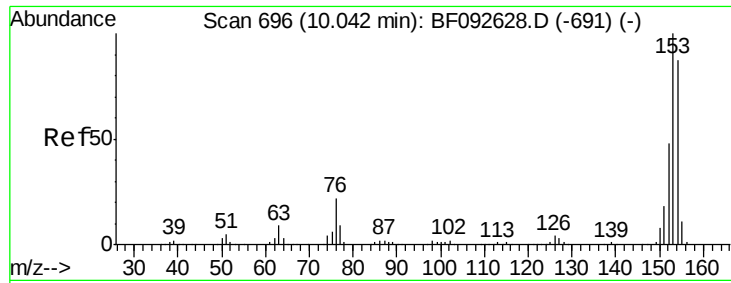


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





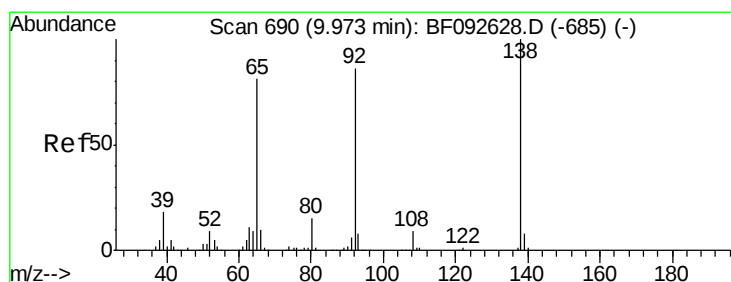
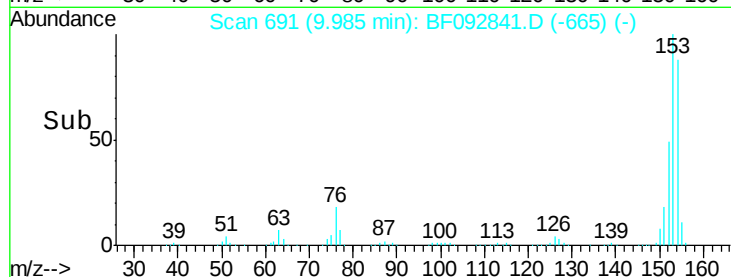
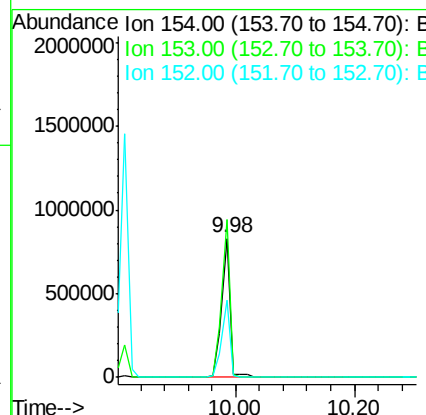
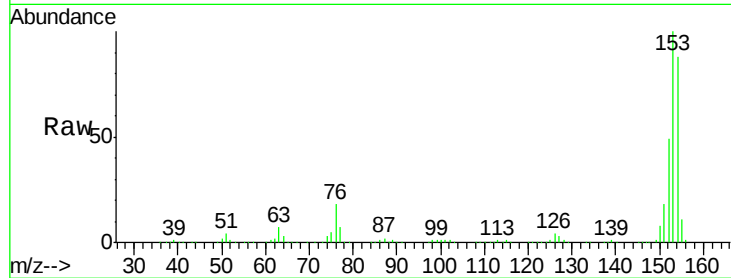
#51
Acenaphthene
Concen: 47.59 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	88.6	133.0
152	55.1	41.6	62.4

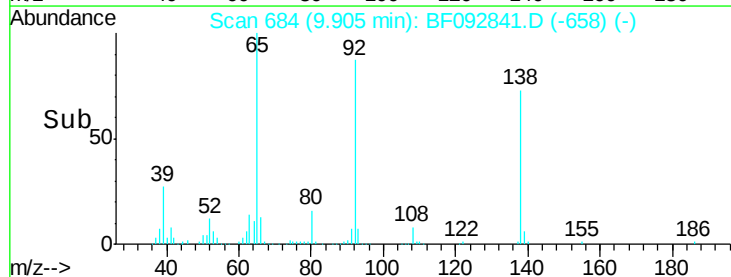
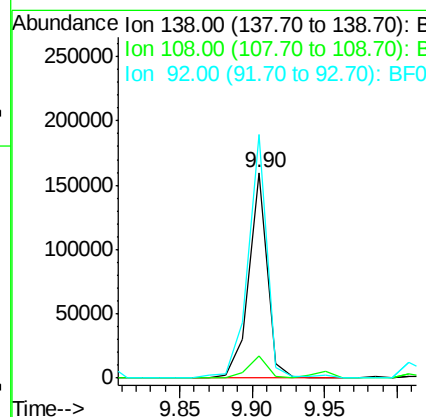
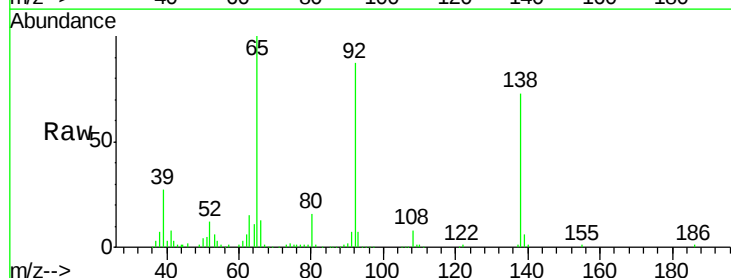
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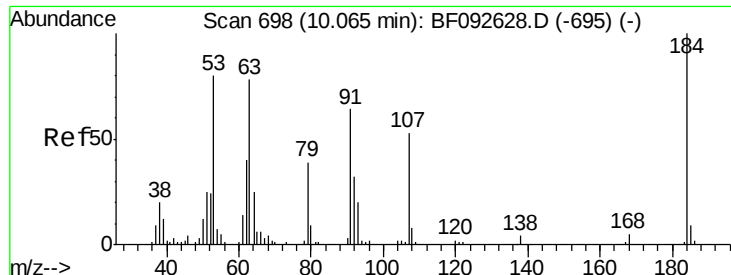
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#52
3-Nitroaniline
Concen: 29.38 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	118.7	97.8	146.8





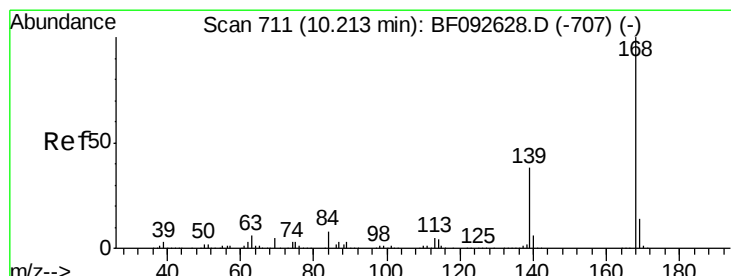
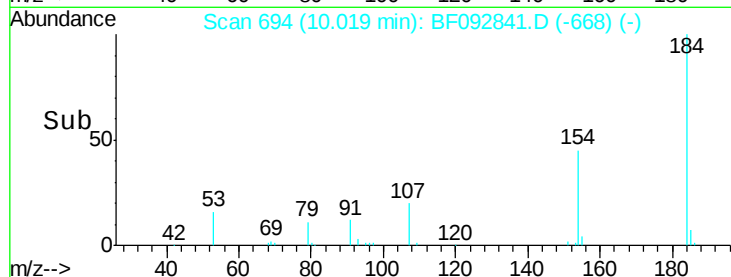
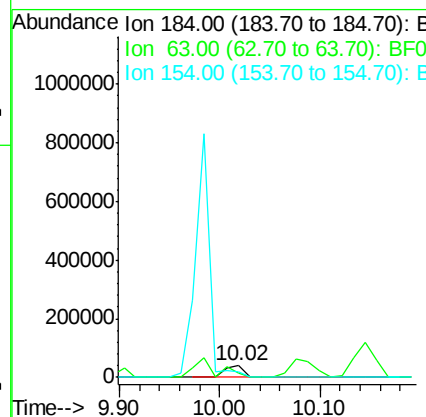
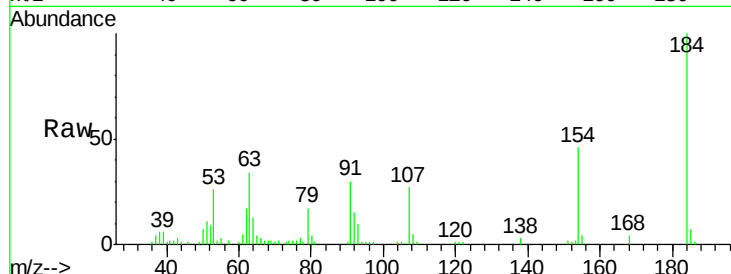
#53
2,4-Dinitrophenol
Concen: 29.69 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	34.4	28.4	42.6
154	46.4	44.3	66.5

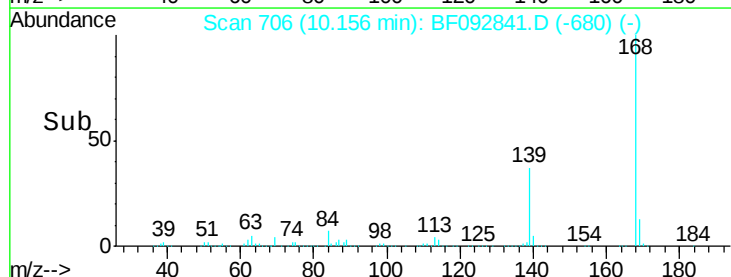
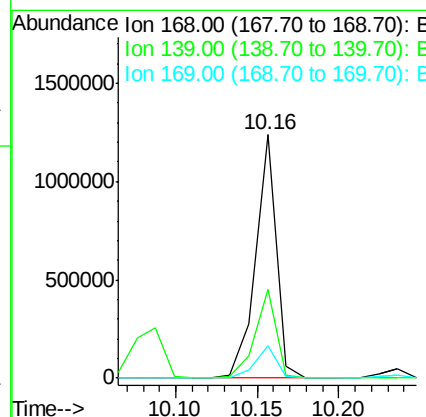
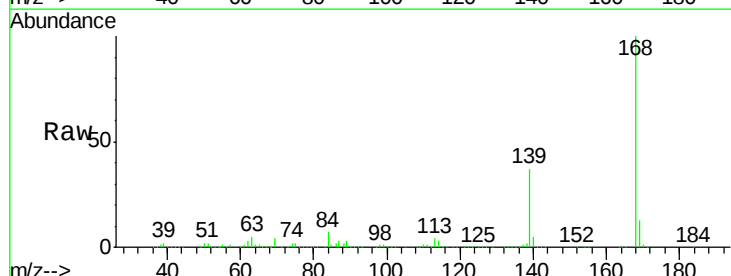
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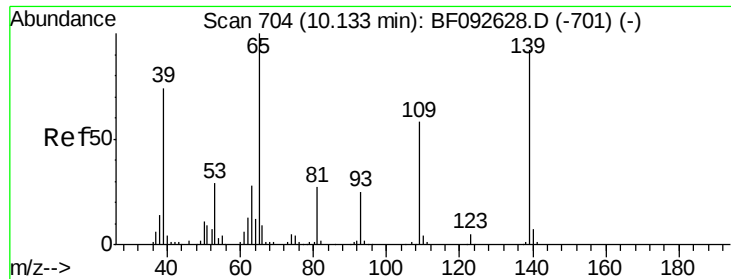
mohammad
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#54
Dibenzofuran
Concen: 48.30 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	32.6	49.0
169	13.4	11.3	16.9





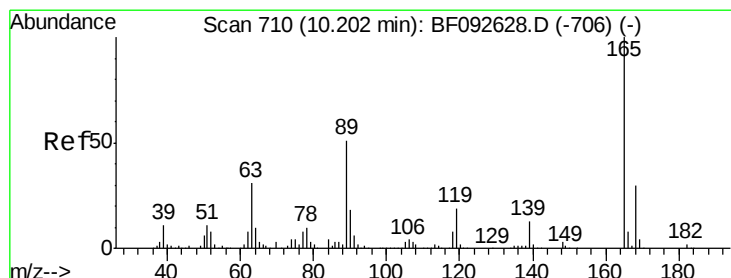
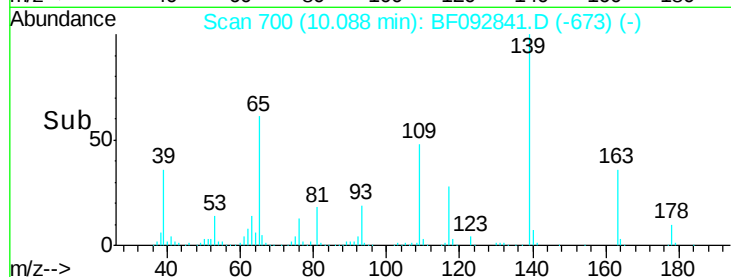
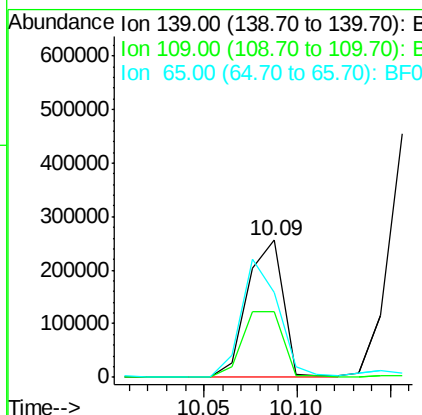
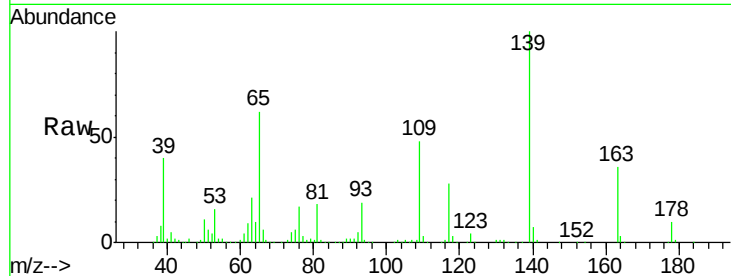
#55
4-Nitrophenol
Concen: 99.08 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	48.2	52.2	92.2#	
65	61.5	85.8	125.8#	

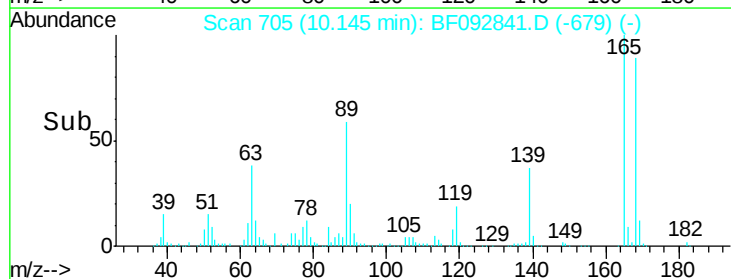
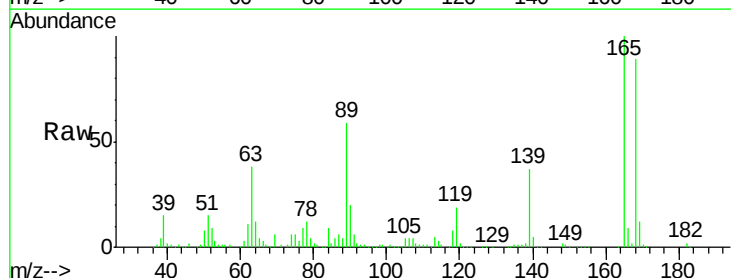
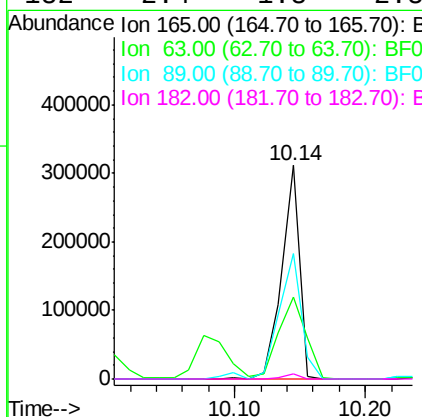
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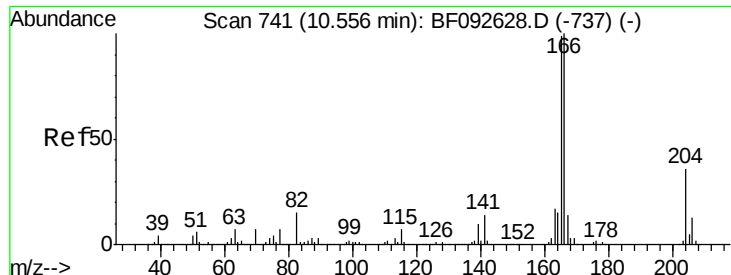
mohammad
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#56
2,4-Dinitrotoluene
Concen: 53.46 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.2	40.2	60.4#	
89	58.6	62.5	93.7#	
182	2.4	1.8	2.8	





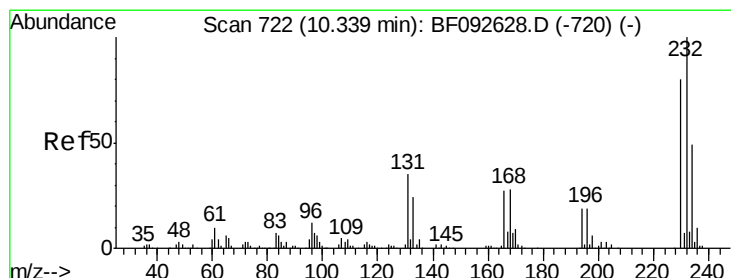
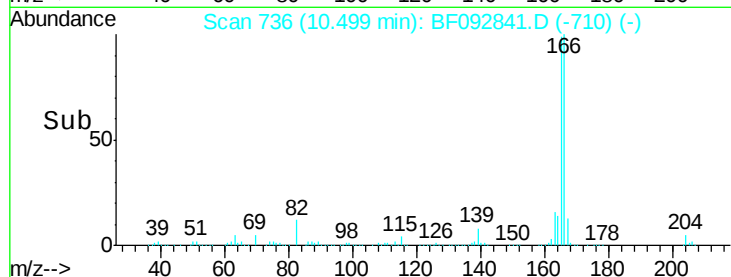
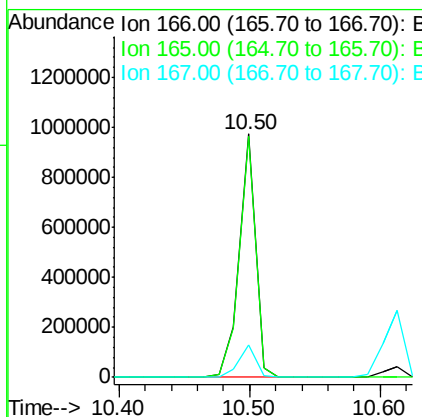
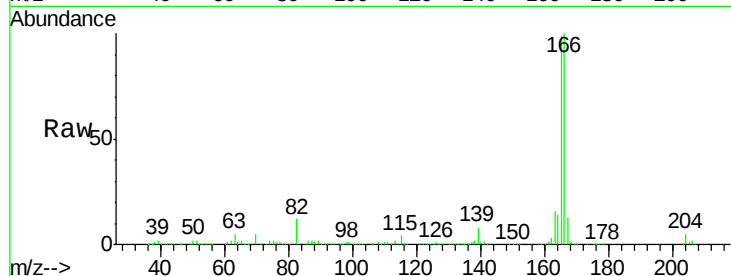
#57
Fluorene
 Concen: 48.36 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	841705		
165	99.1		77.8	116.8
167	13.2		10.8	16.2

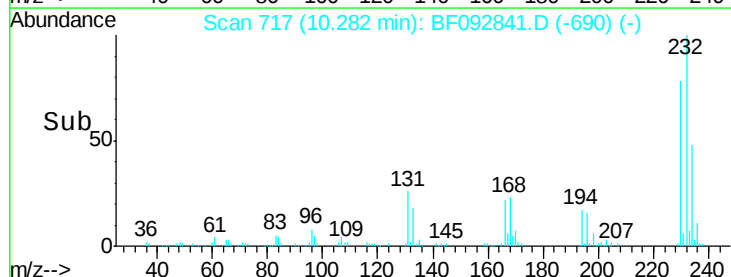
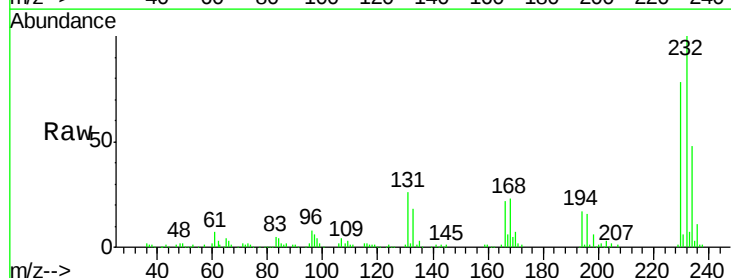
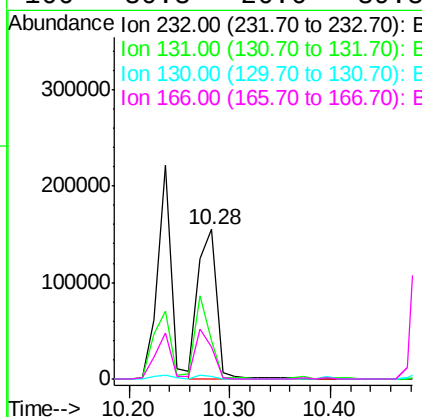
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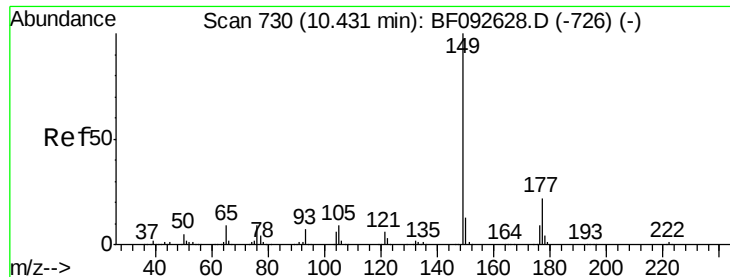
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.43 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	200459		
131	45.4		40.1	60.1
130	2.1		1.8	2.8
166	30.3		26.6	39.8





#59

Diethylphthalate

Concen: 52.89 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

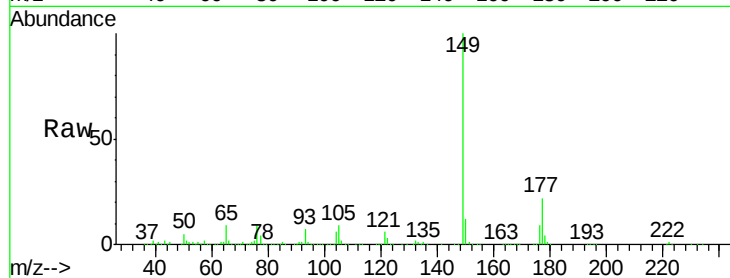
ClientSampleId :

ROLL-OFF-1615-COMPMSD

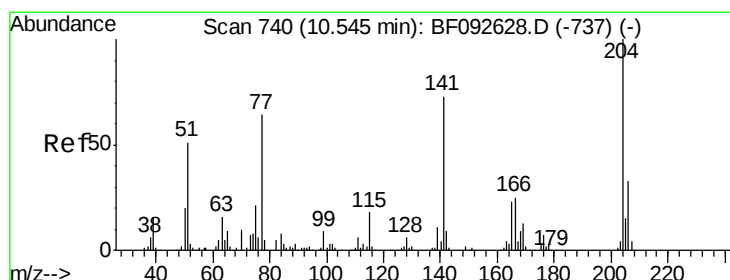
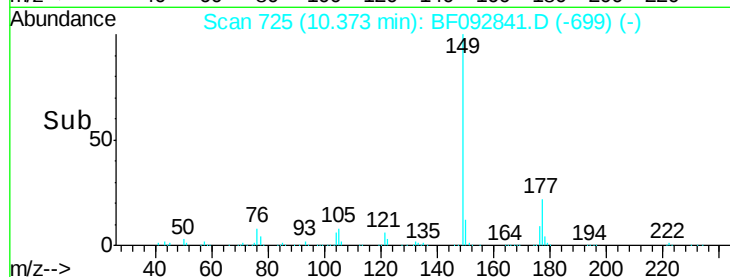
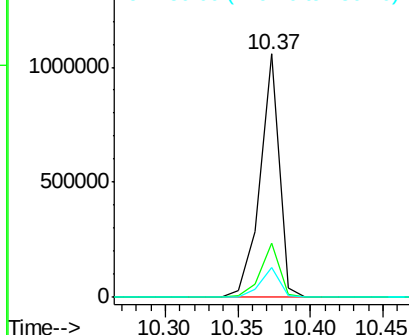
Tot Ion:	149	Resp:	970616
Ion Ratio	Lower	Upper	
149	100		
177	22.4	16.6	25.0
150	12.5	10.4	15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.56 ng

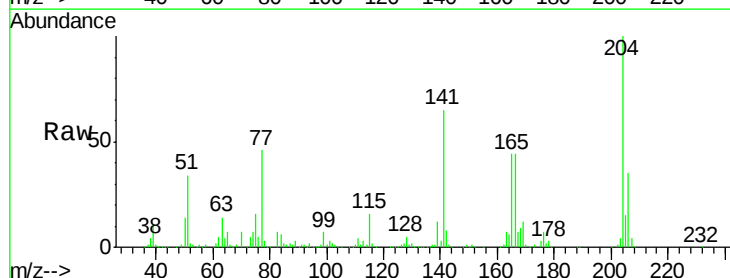
RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

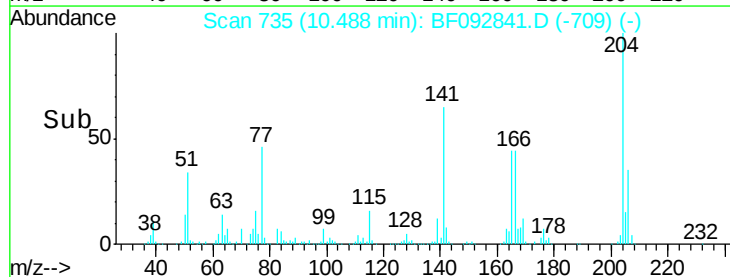
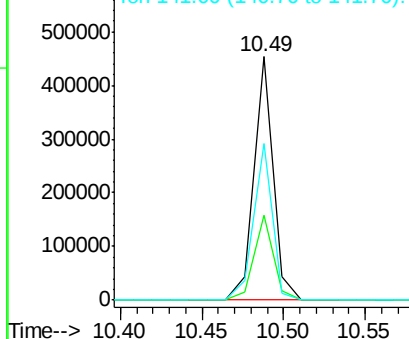
Lab File: BF092841.D

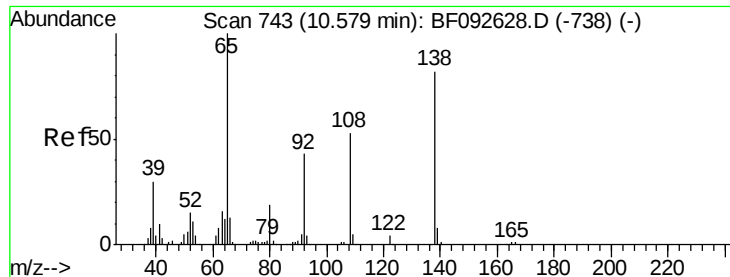
Acq: 7 Feb 2017 21:13

Tgt Ion:	204	Resp:	372618
Ion Ratio	Lower	Upper	
204	100		
206	35.1	25.8	38.6
141	64.5	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.04 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

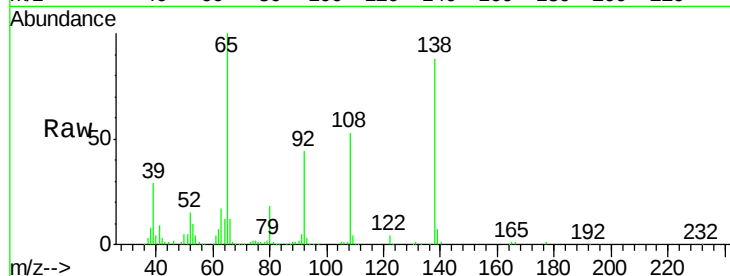
ClientSampleId :

ROLL-OFF-1615-COMPMSD

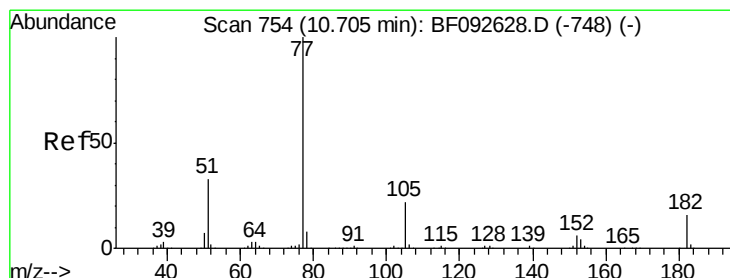
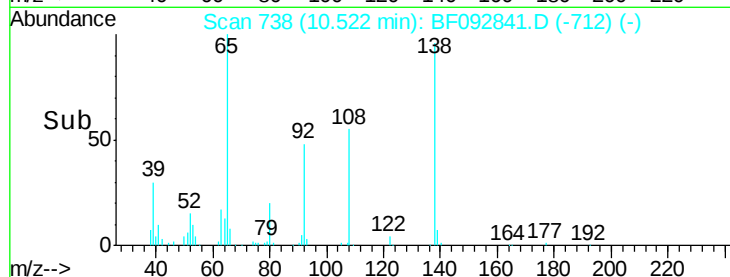
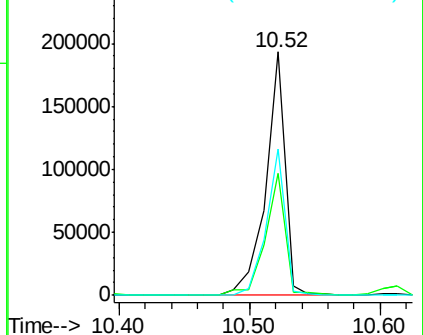
Tot Ion:	138	Resp:	202292
Ion Ratio	Lower	Upper	
138	100		
92	49.9	31.7	71.7
108	60.2	52.6	92.6

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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: 49.00 ng

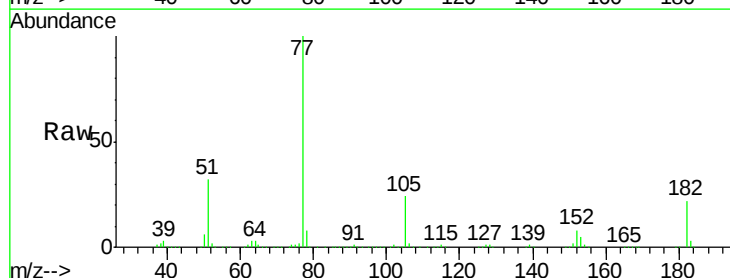
RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

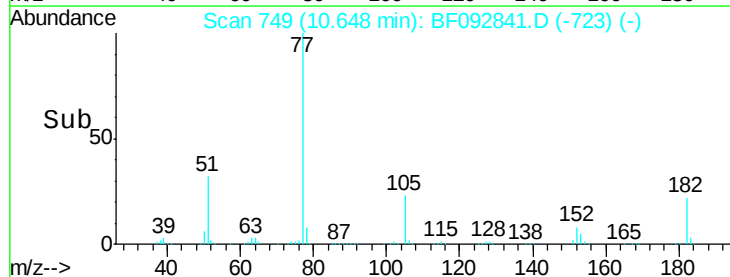
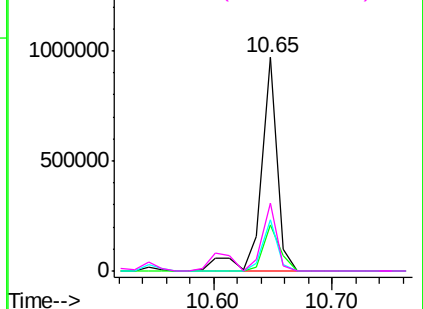
Lab File: BF092841.D

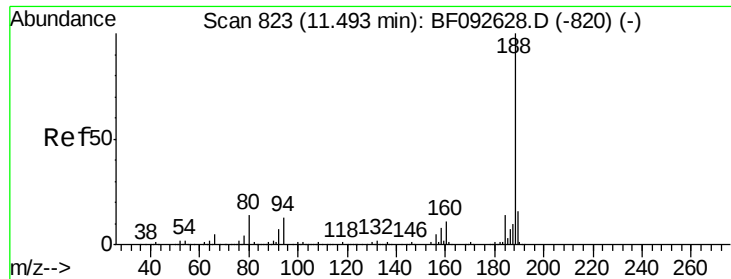
Acq: 7 Feb 2017 21:13

Tgt Ion:	77	Resp:	929002
Ion Ratio	Lower	Upper	
77	100		
182	21.8	0.0	39.3
105	23.8	2.3	42.3
51	31.9	8.9	48.9



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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion:188 Resp: 456447
Ion Ratio Lower Upper

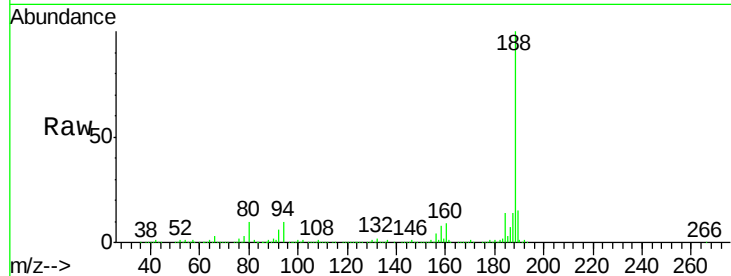
188 100

94 10.0 10.0 15.0#

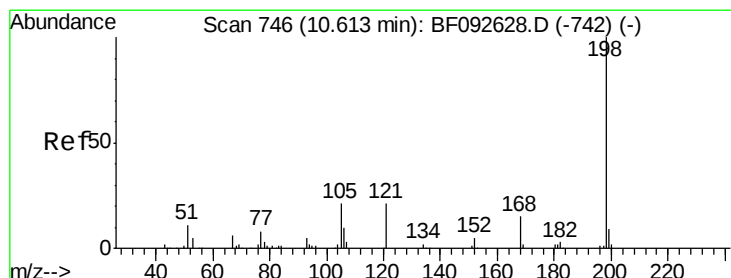
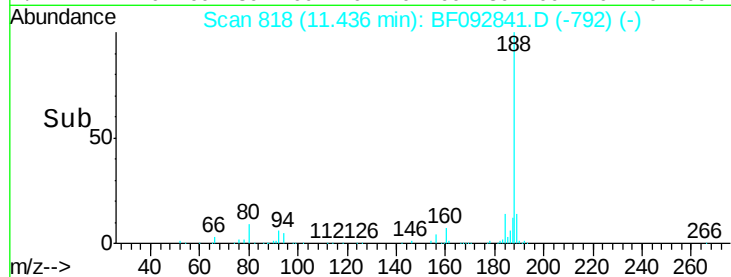
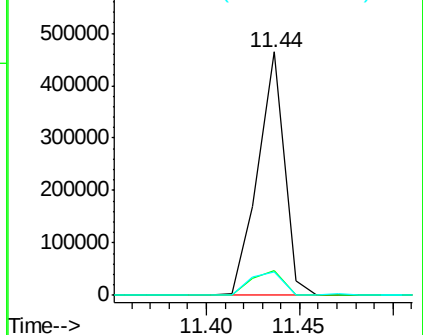
80 9.8 11.2 16.8#

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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: 26.12 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092841.D

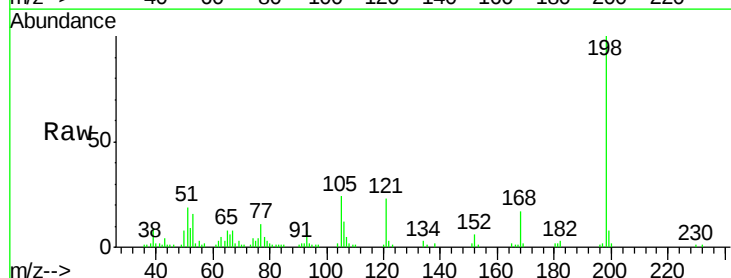
Acq: 7 Feb 2017 21:13

Tgt Ion:198 Resp: 68978
Ion Ratio Lower Upper

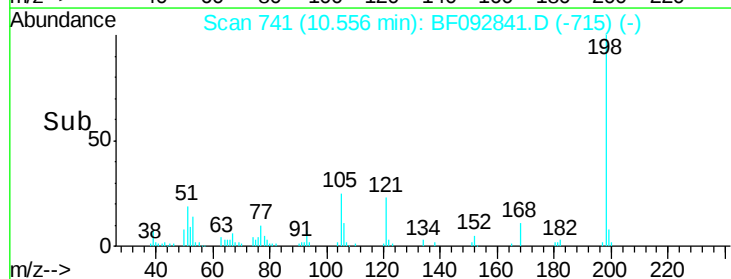
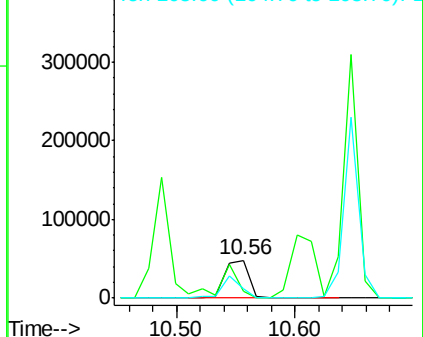
198 100

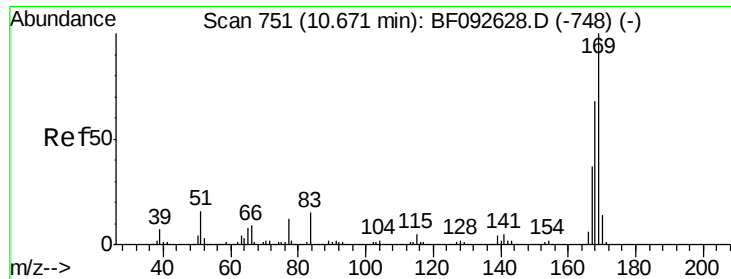
51 18.9 6.7 46.7

105 24.3 16.6 56.6



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





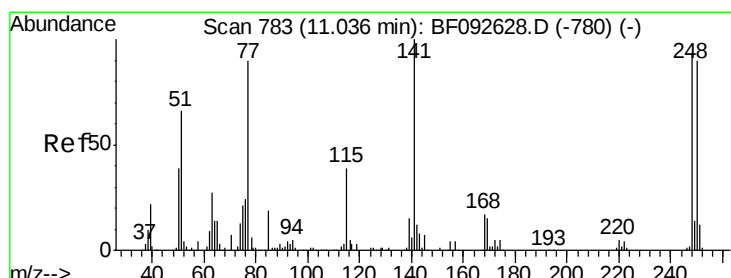
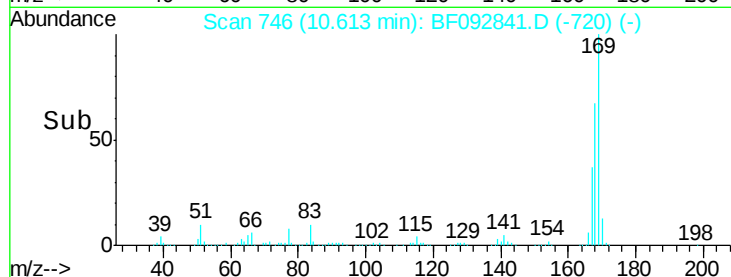
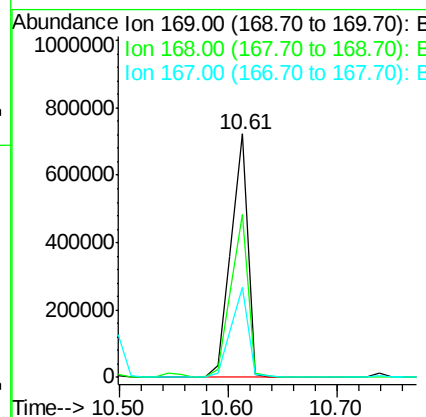
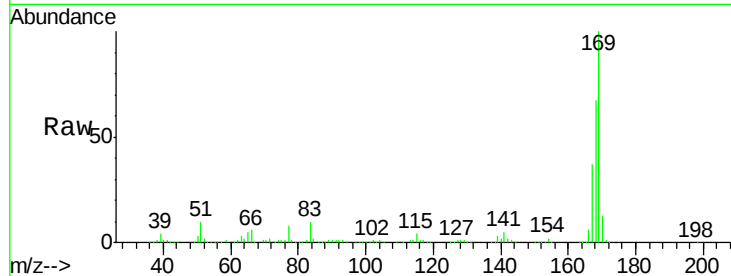
#65
n-Nitrosodiphenylamine
Concen: 53.12 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	774587		
168	66.7		54.2	81.2
167	37.0		30.2	45.4

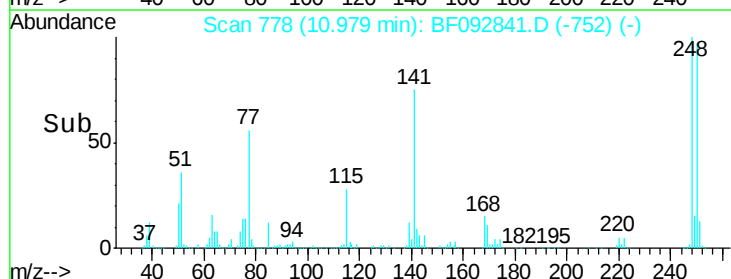
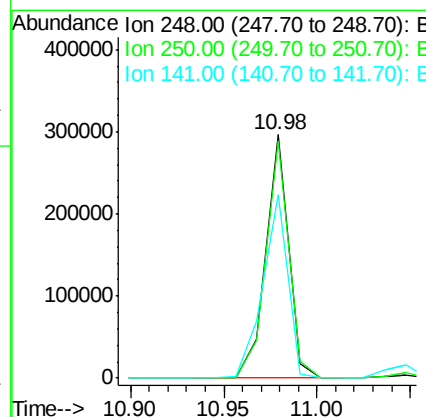
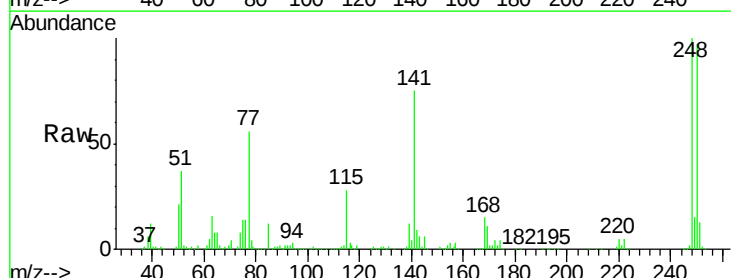
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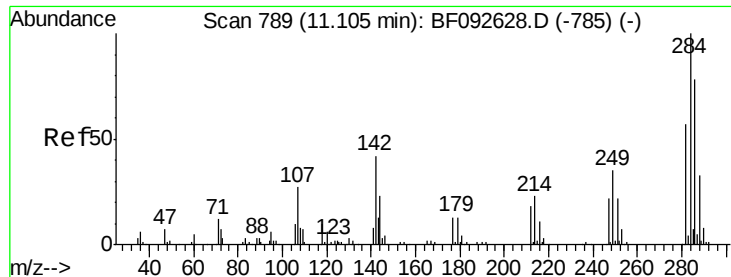
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 52.37 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	249726		
250	97.4		76.9	115.3
141	75.5		68.2	102.4





#67

Hexachlorobenzene

Concen: 50.81 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

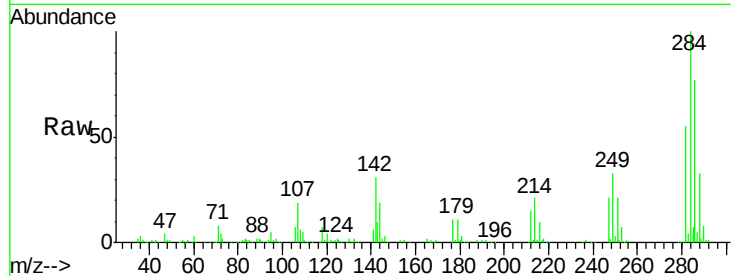
ClientSampleId :

ROLL-OFF-1615-COMPMSD

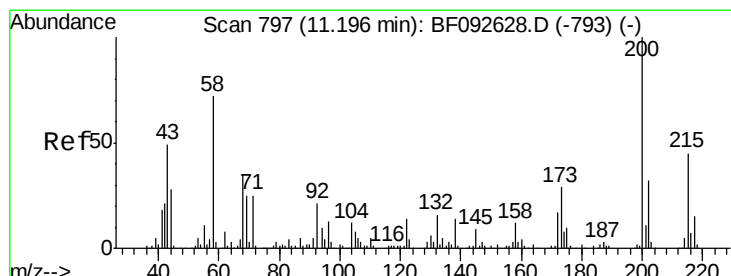
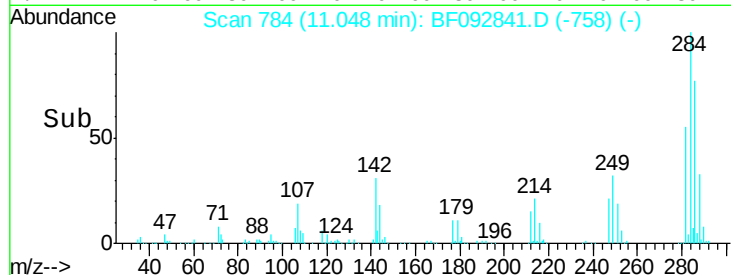
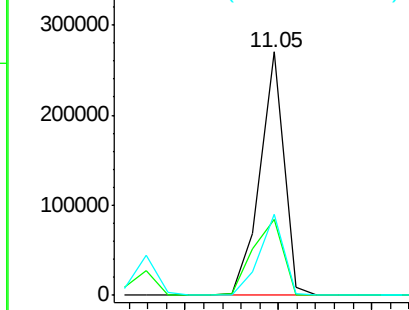
Tot Ion:	284	Resp:	239466
Ion Ratio	Lower	Upper	
284	100		
142	31.4	22.6	33.8
249	33.3	25.4	38.0

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



#68

Atrazine

Concen: 57.59 ng

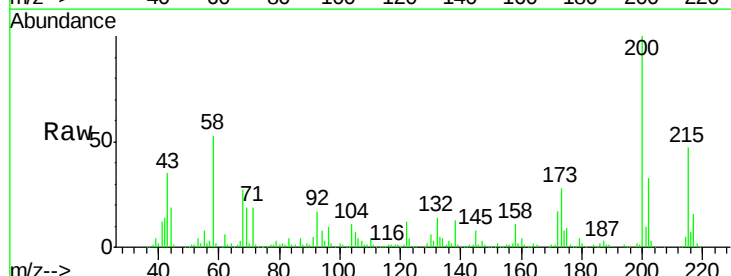
RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

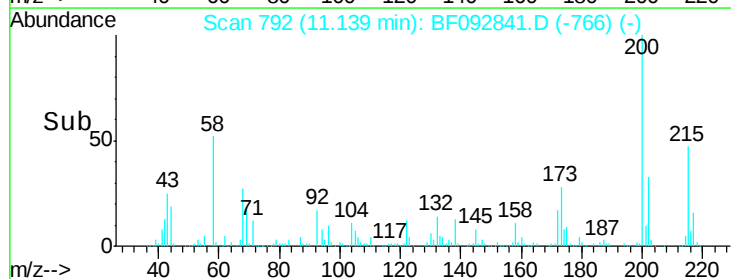
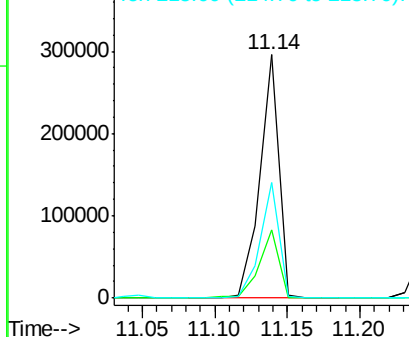
Lab File: BF092841.D

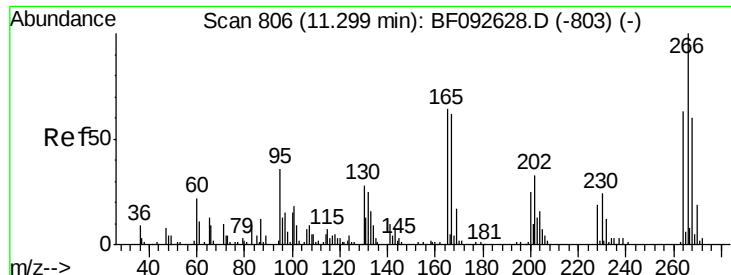
Acq: 7 Feb 2017 21:13

Tgt Ion:	200	Resp:	269465
Ion Ratio	Lower	Upper	
200	100		
173	28.1	9.6	49.6
215	47.2	25.7	65.7



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





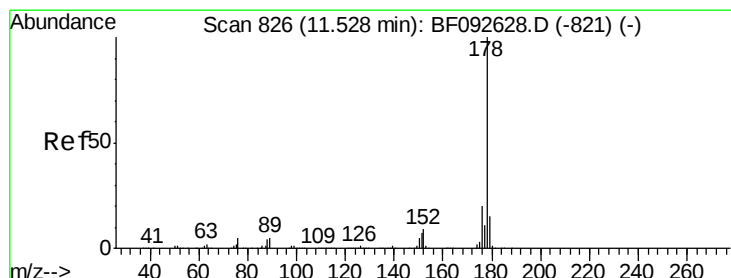
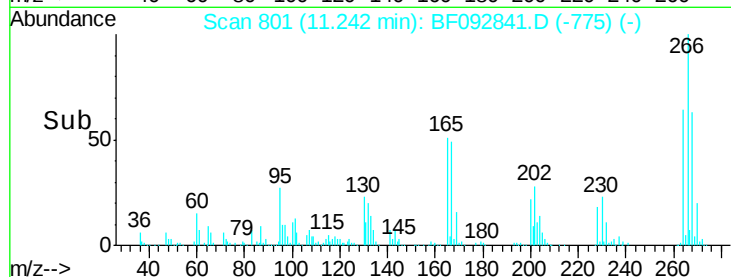
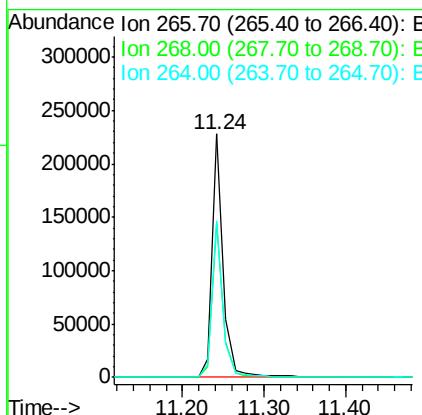
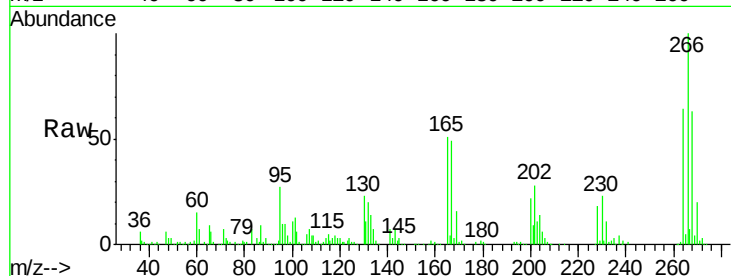
#69
 Pentachlorophenol
 Concen: 89.52 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	53.3	79.9
264	64.2	50.3	75.5

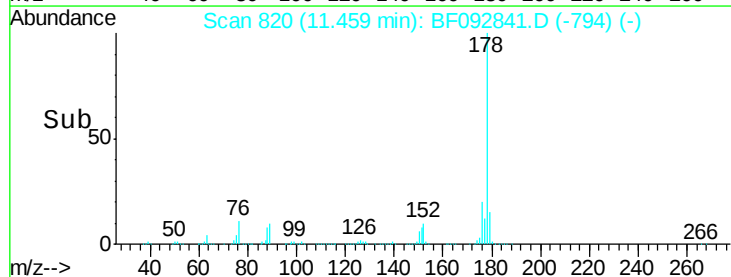
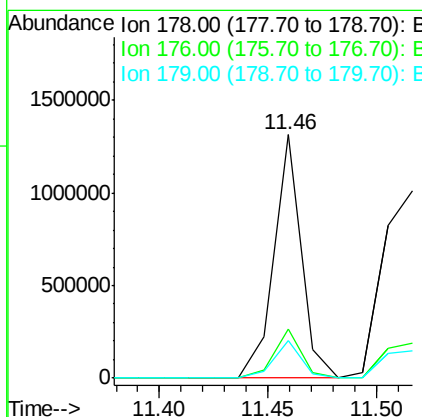
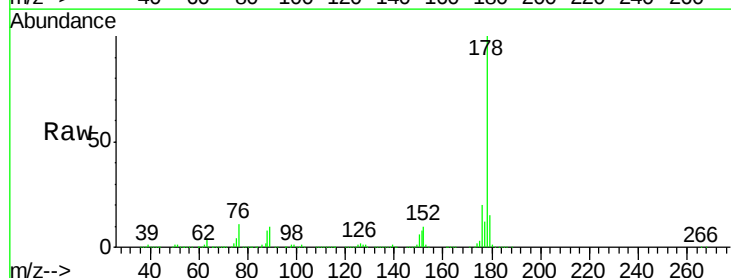
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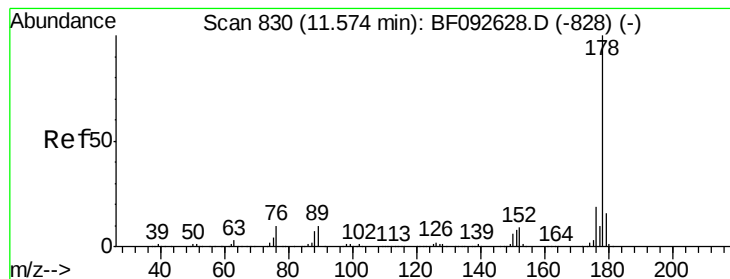
mohammad
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#70
 Phenanthrene
 Concen: 44.56 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.5	12.8	19.2





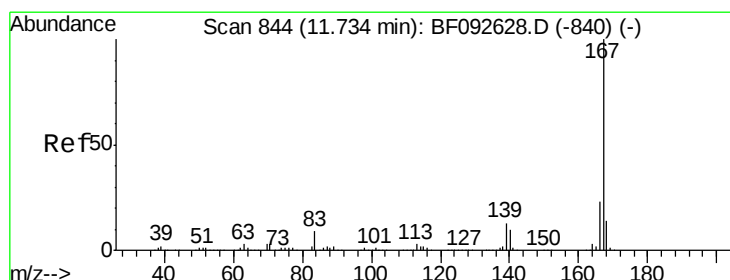
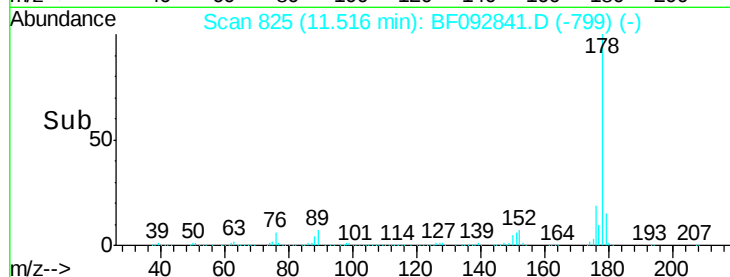
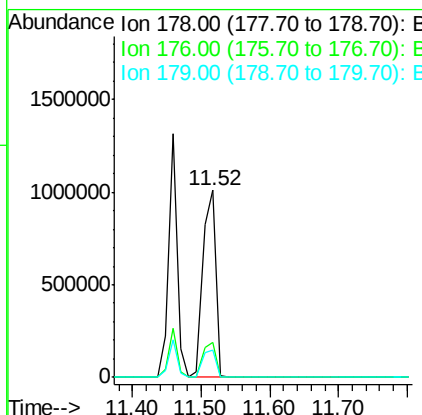
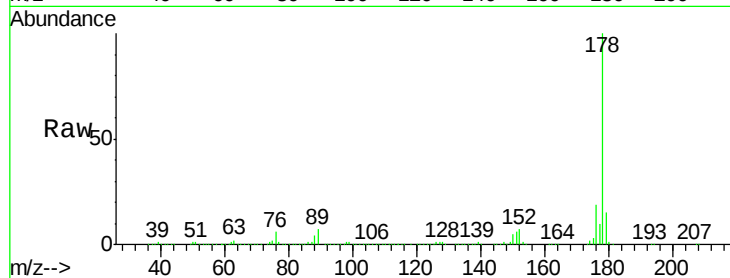
#71
 Anthracene
 Concen: 49.20 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	14.9	13.2	19.8

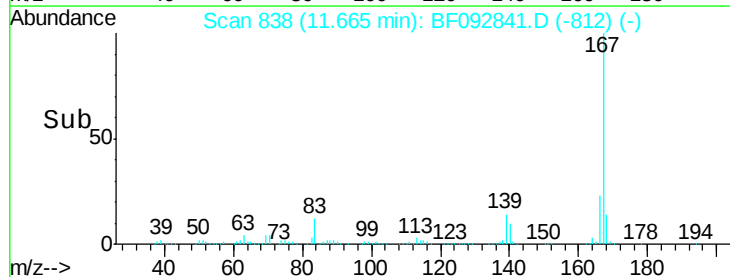
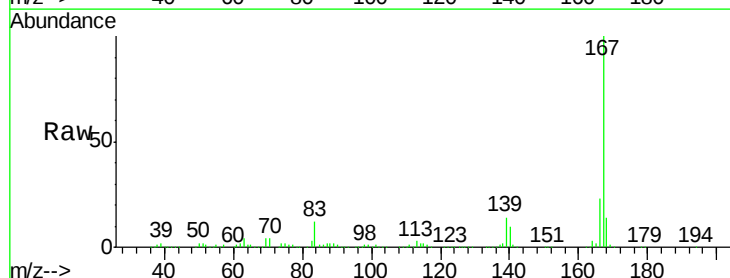
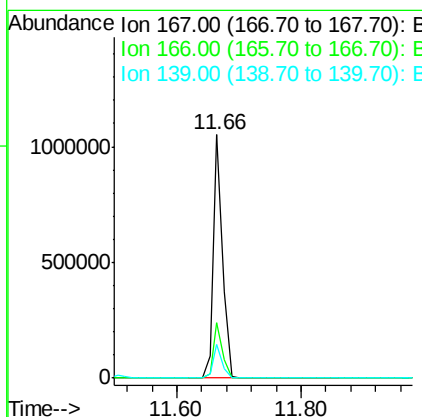
Manual Integrations
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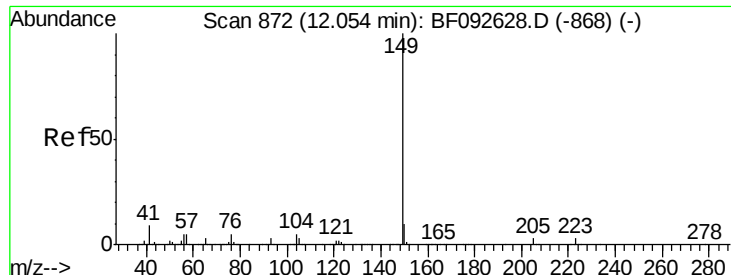
mohammad
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#72
 Carbazole
 Concen: 42.22 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	13.9	11.4	17.2





#73

Di-n-butylphthalate

Concen: 57.85 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

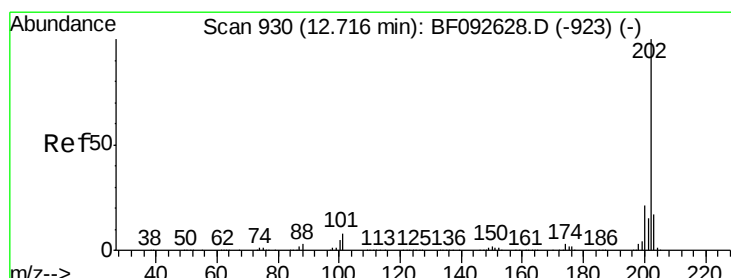
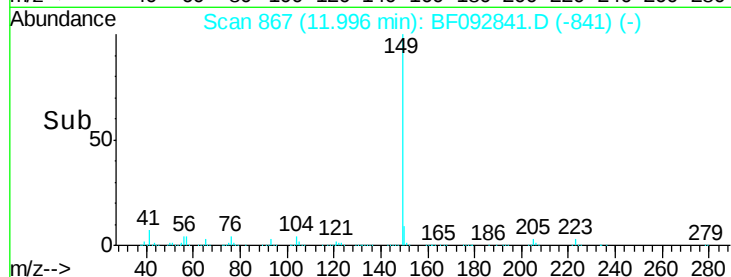
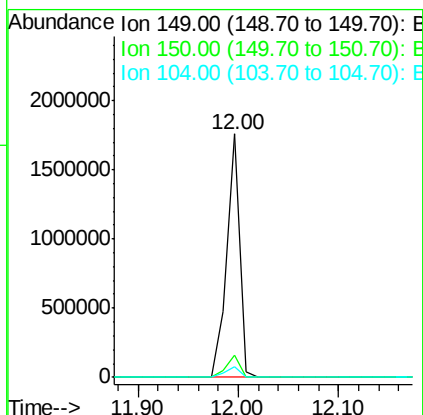
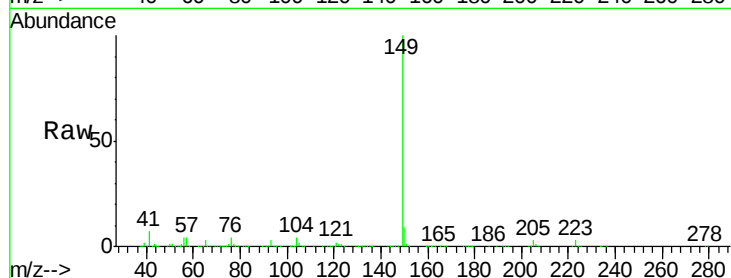
ROLL-OFF-1615-COMPMSD

Tot Ion:149 Resp: 1570450

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.3	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 39.80 ng

RT: 12.65 min Scan# 924

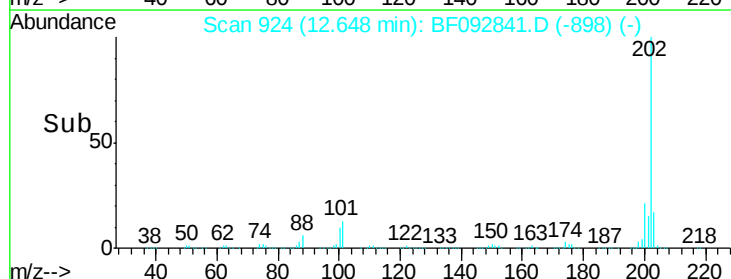
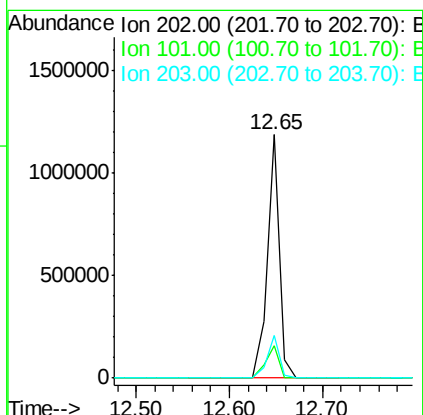
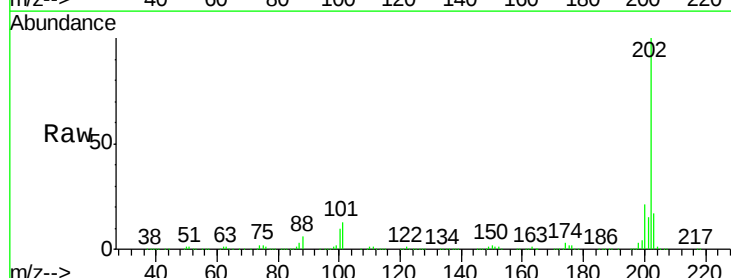
Delta R.T. -0.00 min

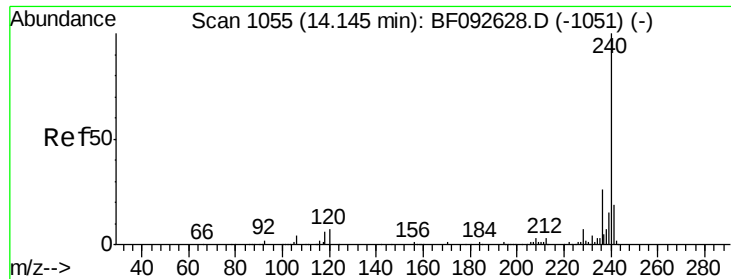
Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion:202 Resp: 1073526

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.6
203	17.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

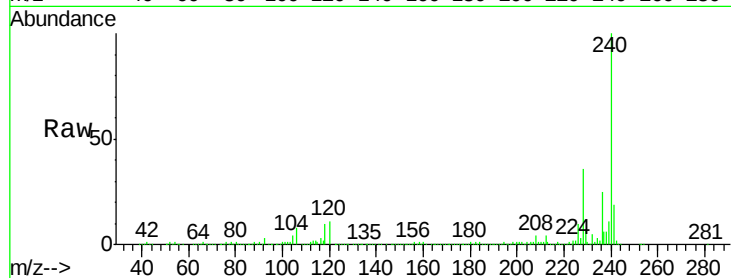
ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	12.9	19.3#
236	25.5	20.9	31.3

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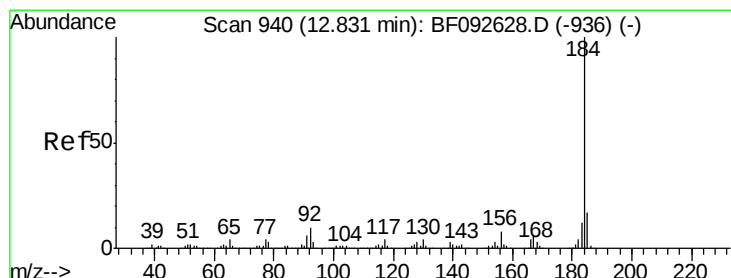
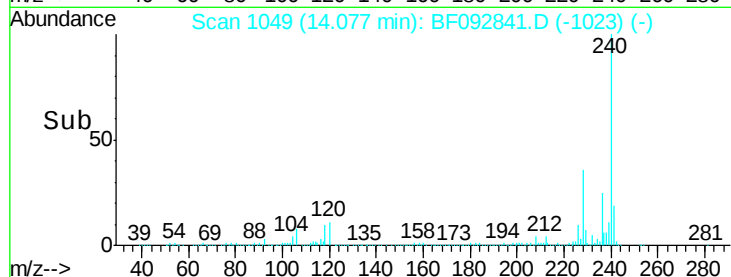
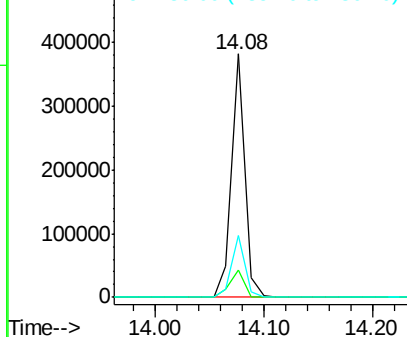


Abundance

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: 36.41 ng

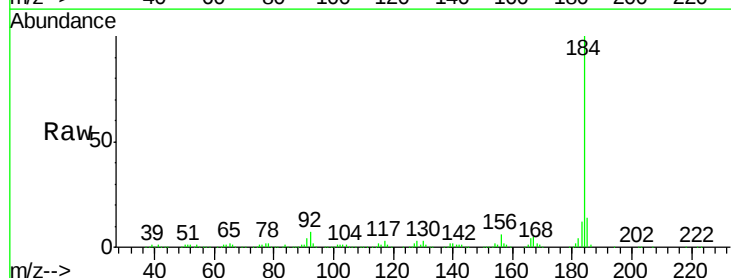
RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.4	20.0
183	11.9	9.2	13.8

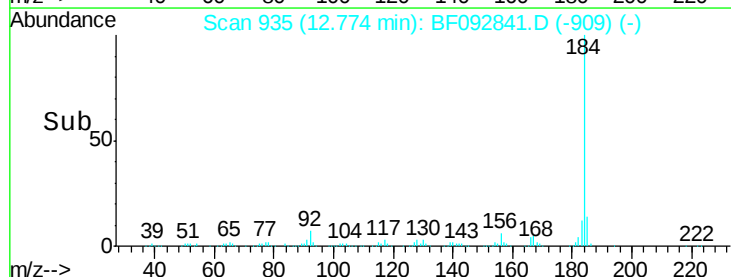
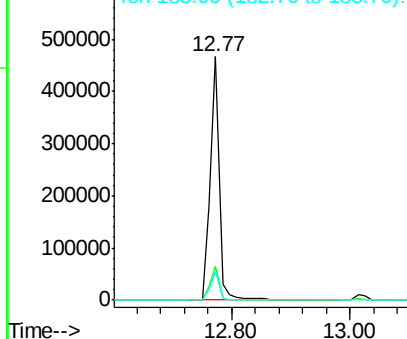


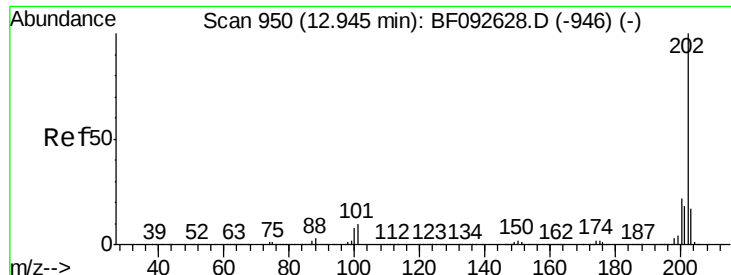
Abundance

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





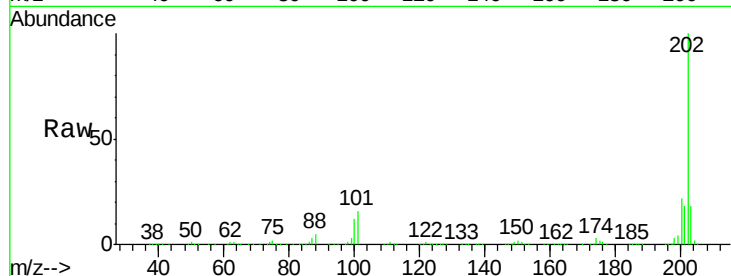
#77
Pvrene
Concen: 39.88 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

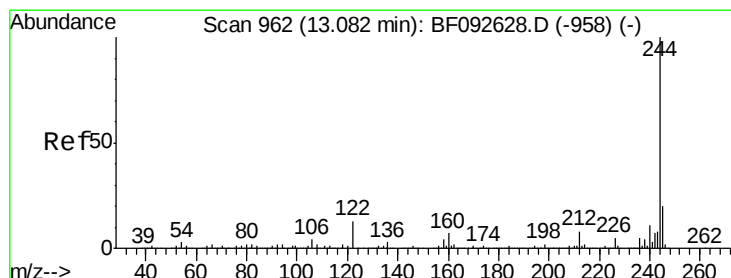
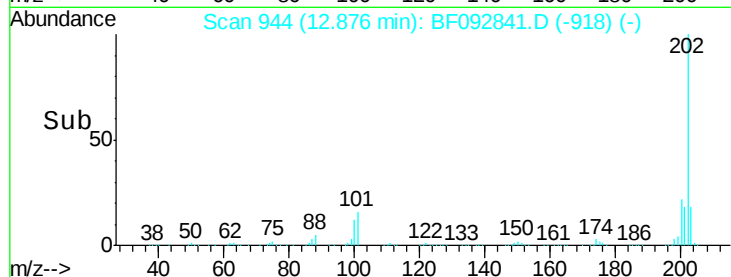
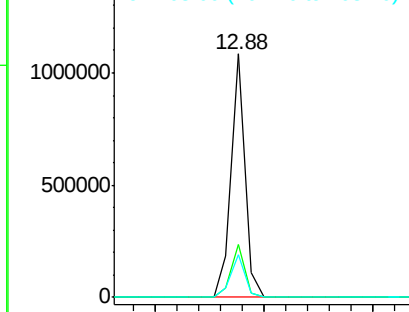
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.7	14.7	22.1

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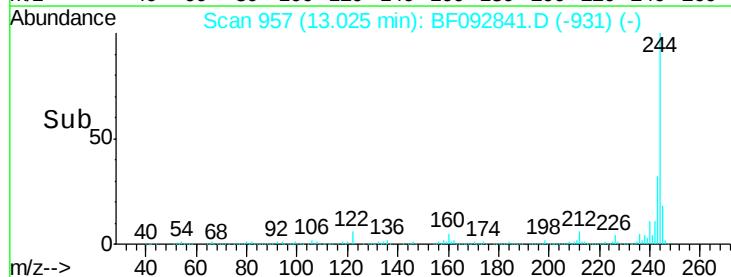
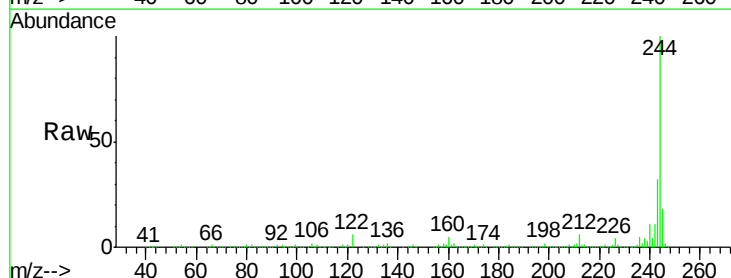
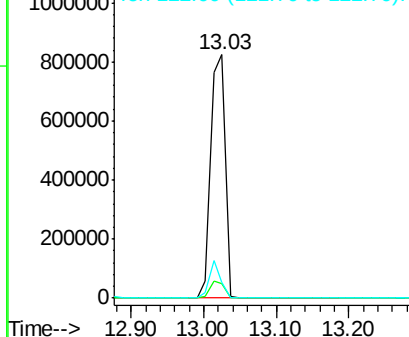
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 83.64 ng
RT: 13.03 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	6.2	9.2
122	6.4	11.4	17.2

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





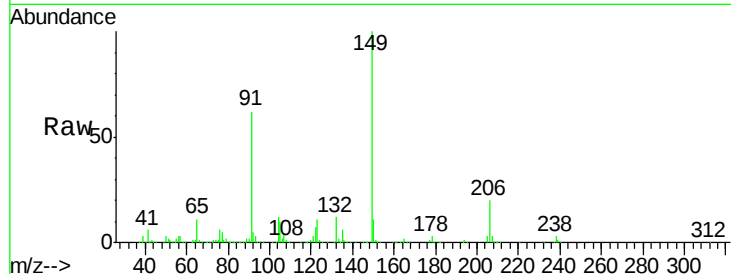
#79
Butylbenzylphthalate
Concen: 50.87 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

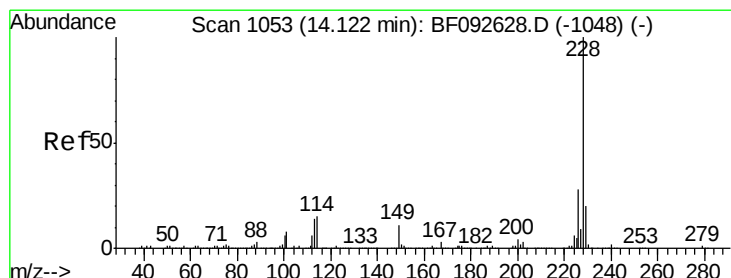
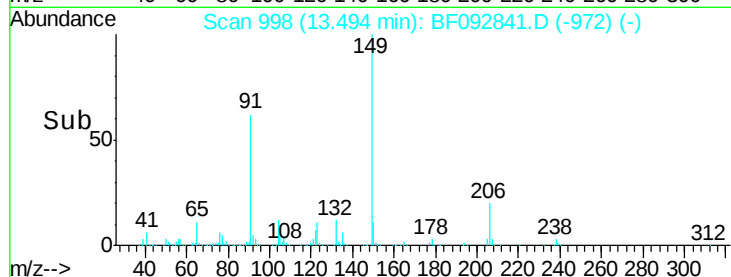
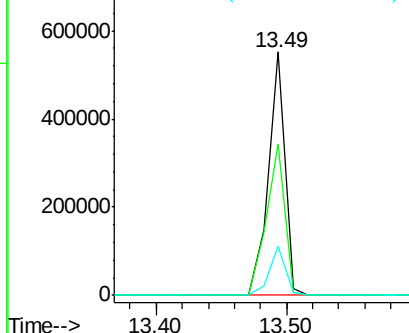
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.4	63.9	95.9#
206	20.2	14.6	21.8

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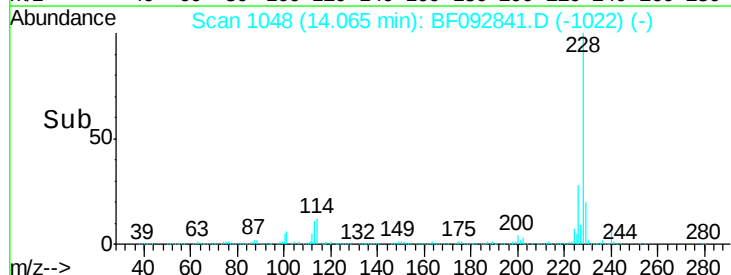
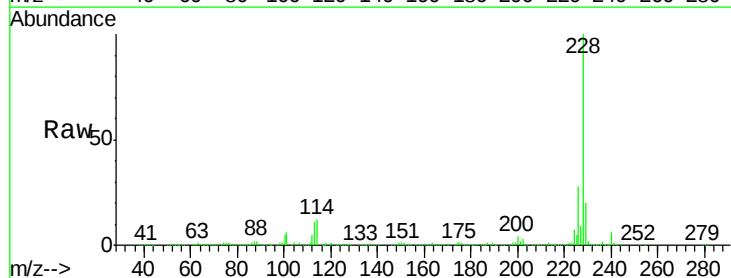
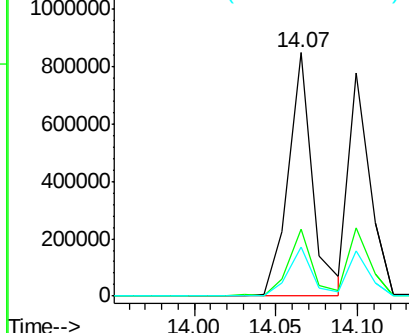
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 45.04 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.4	33.6
229	20.1	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





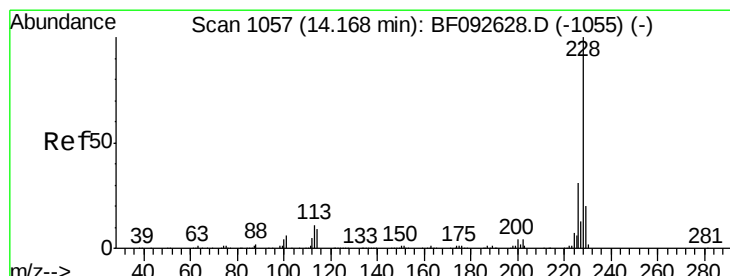
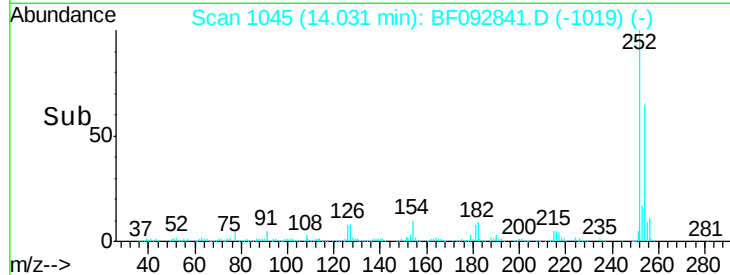
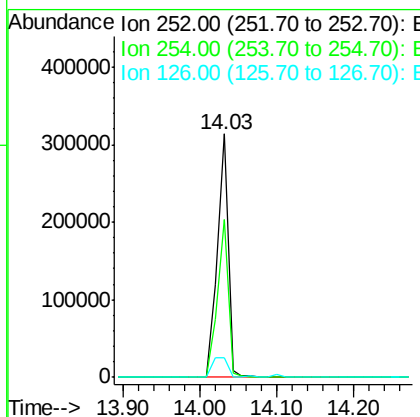
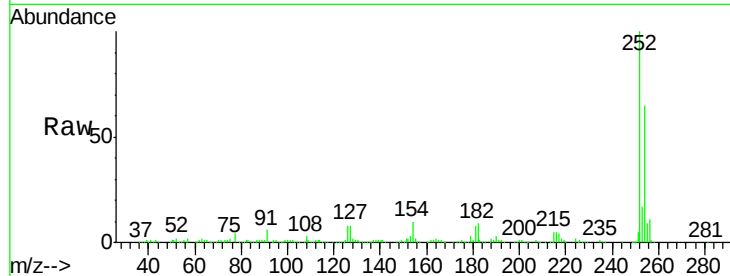
#81
 3,3'-Dichlorobenzidine
 Concen: 44.42 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	309973		
254	64.7	52.3	78.5	
126	8.2	13.6	20.4	

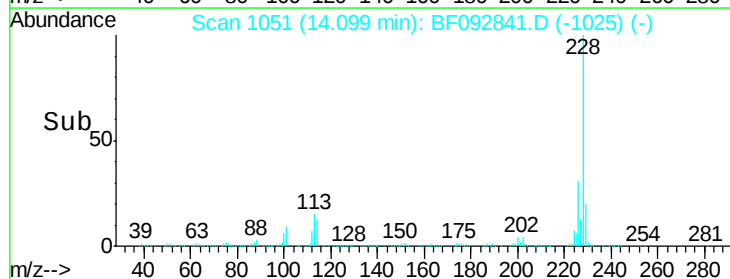
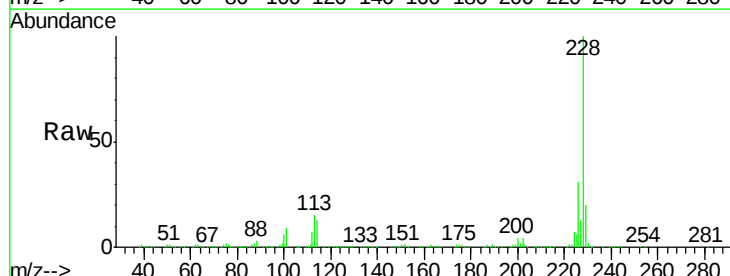
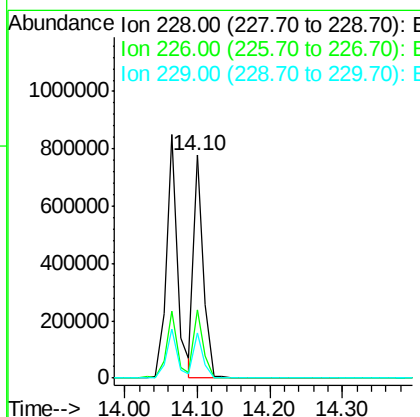
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#82
 Chrysene
 Concen: 39.50 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	723943		
226	30.7	25.4	38.0	
229	20.2	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.36 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Instrument :

BNA_F

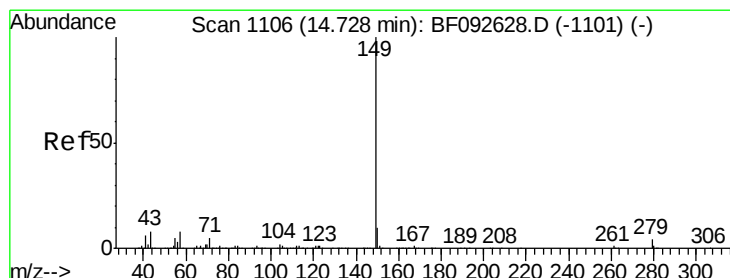
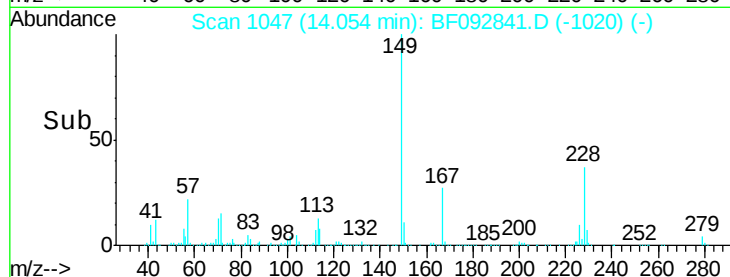
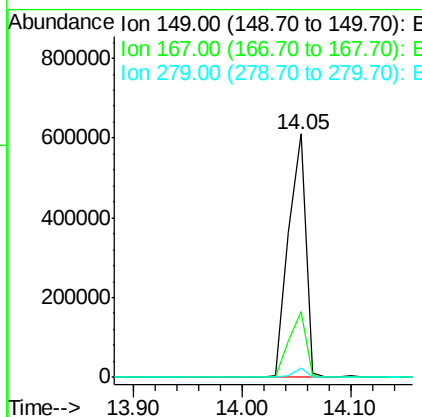
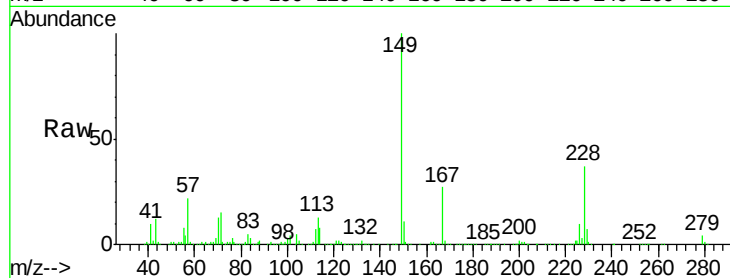
ClientSampleId :

ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.2	30.4
279	4.0	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 56.12 ng

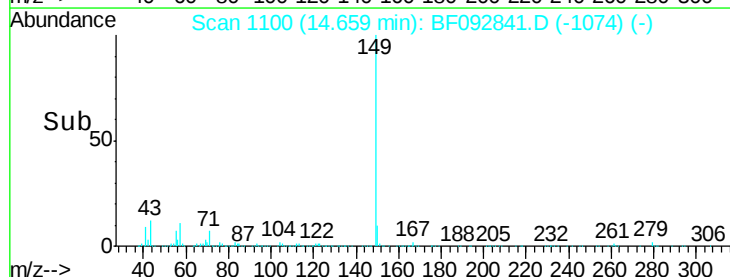
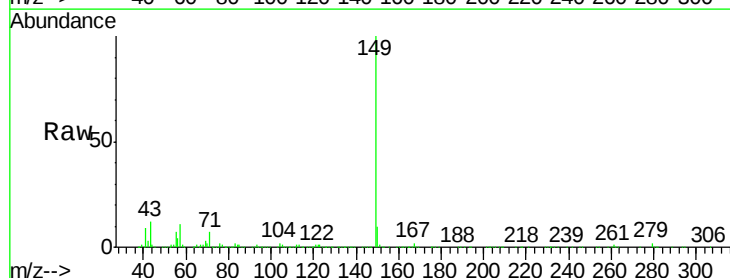
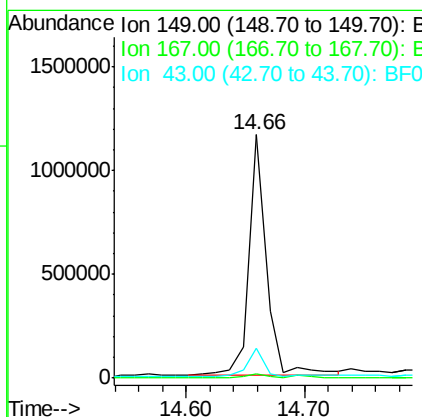
RT: 14.66 min Scan# 1100

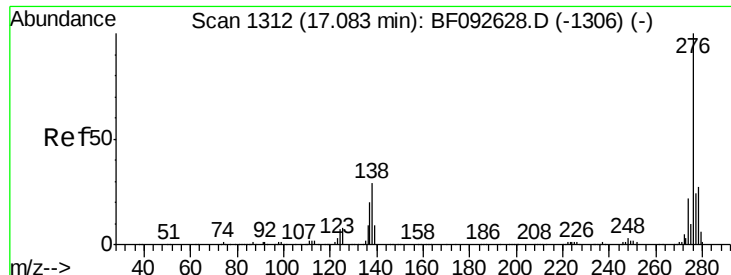
Delta R.T. -0.00 min

Lab File: BF092841.D

Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.9	8.9	13.3





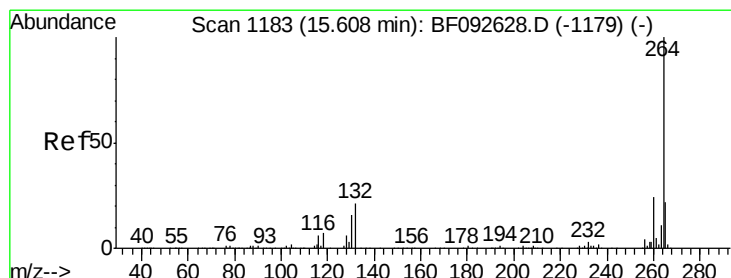
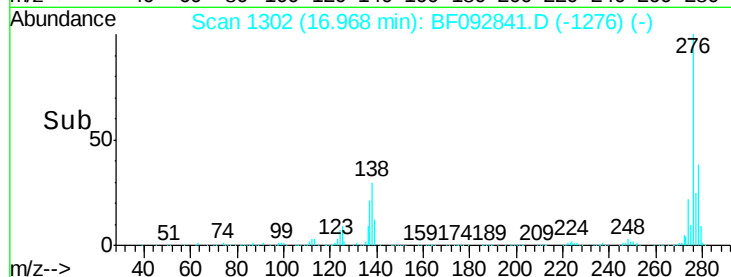
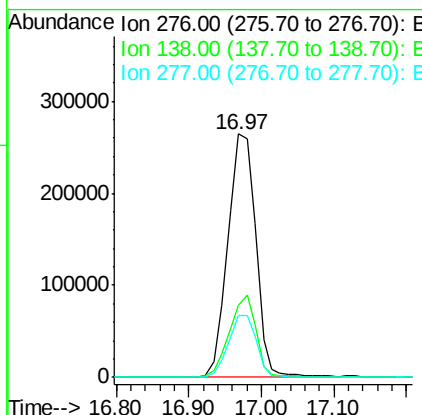
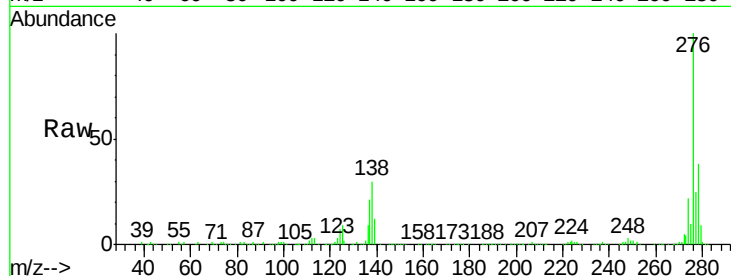
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.20 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.0	21.8	32.6
277	25.7	20.2	30.4

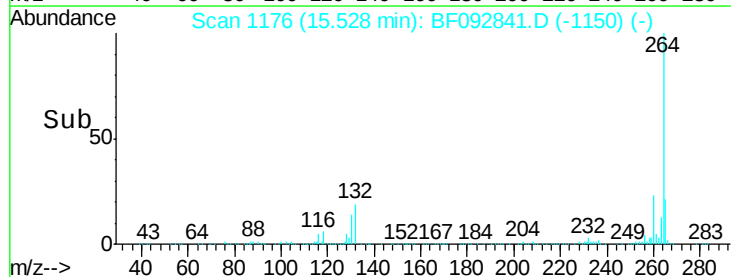
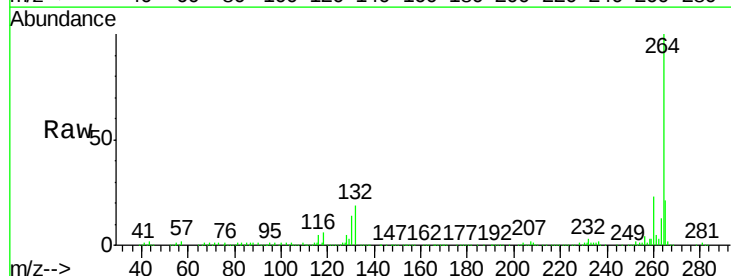
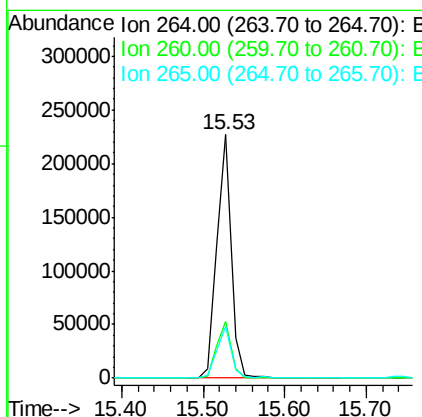
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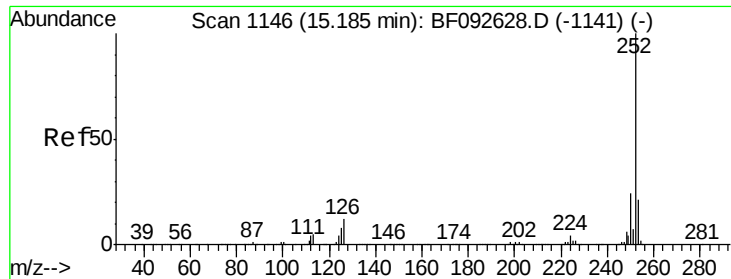
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.4	26.0





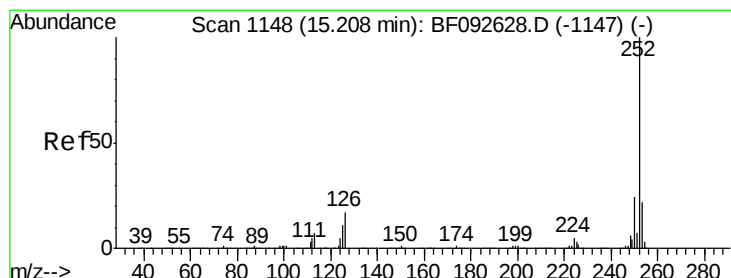
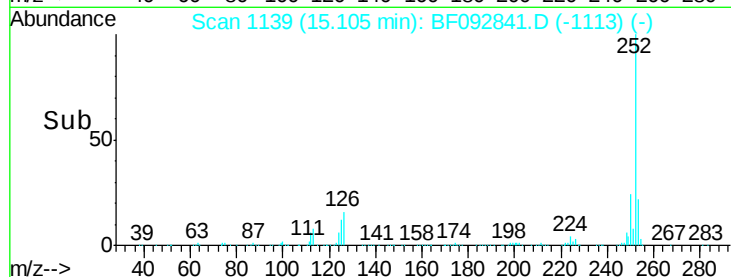
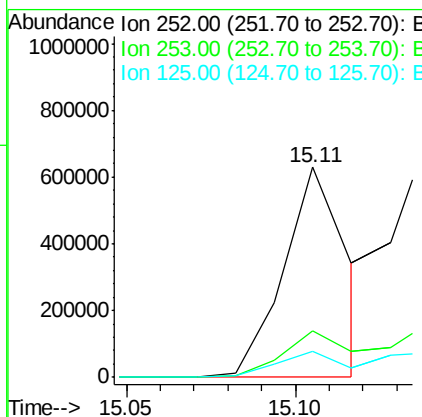
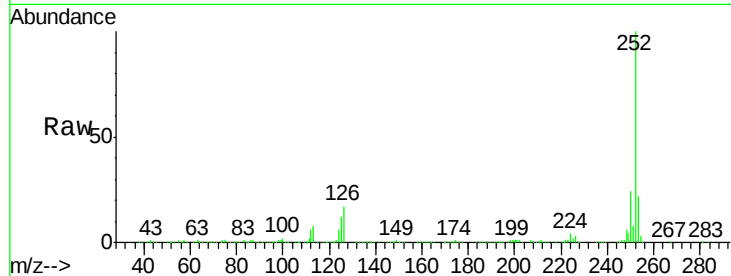
#87
Benzo(b)fluoranthene
Concen: 45.31 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.5	9.8	14.6

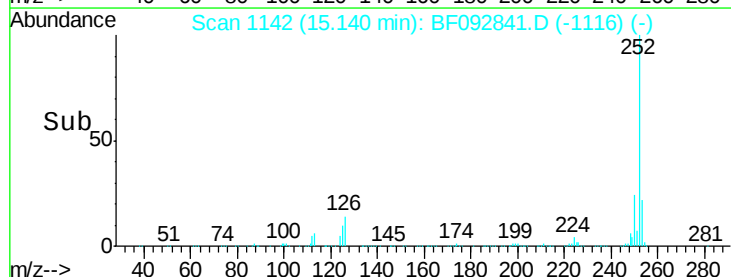
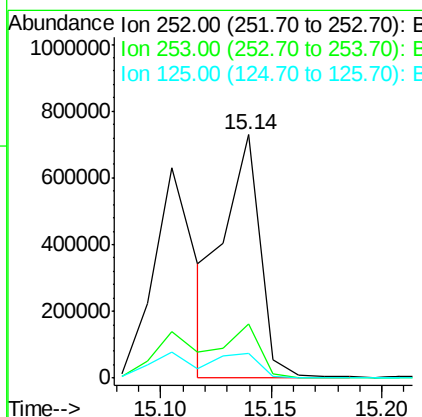
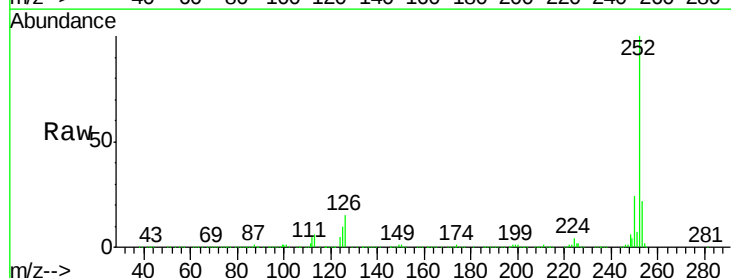
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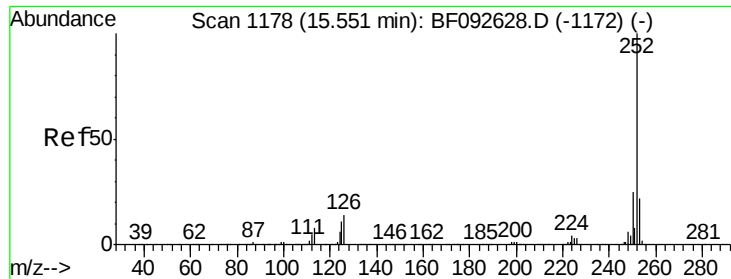
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#88
Benzo(k)fluoranthene
Concen: 52.40 ng m
RT: 15.14 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	9.9	8.9	13.3





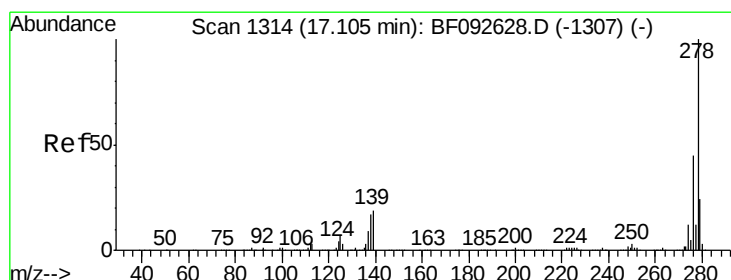
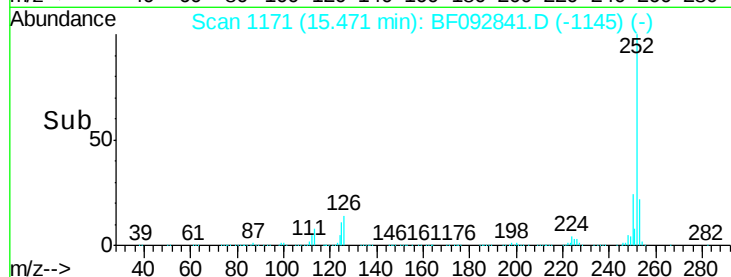
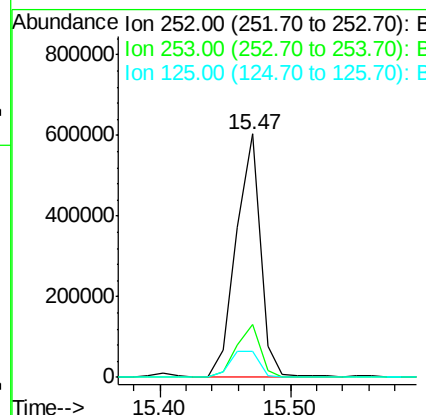
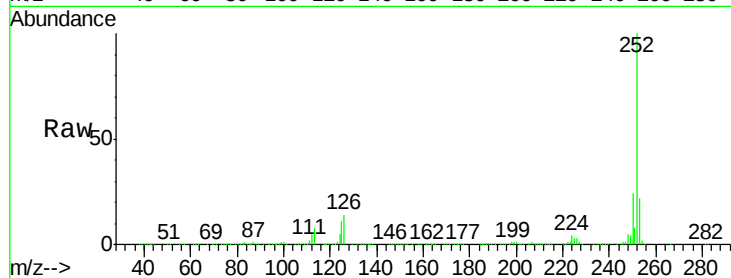
#89
Benzo(a)pyrene
Concen: 49.32 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.9	10.0	15.0

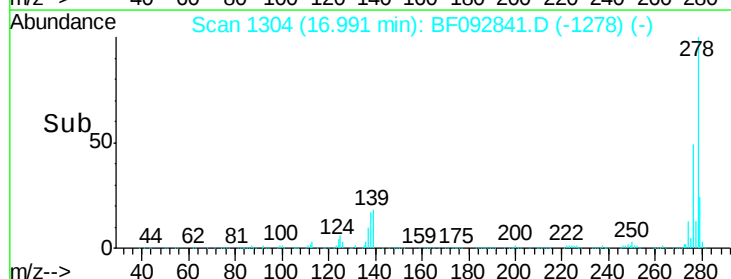
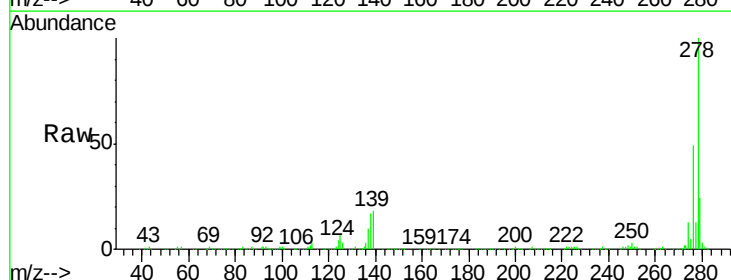
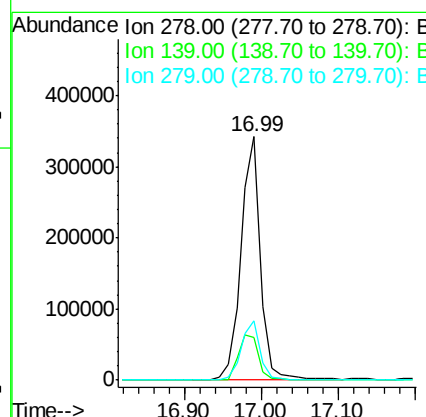
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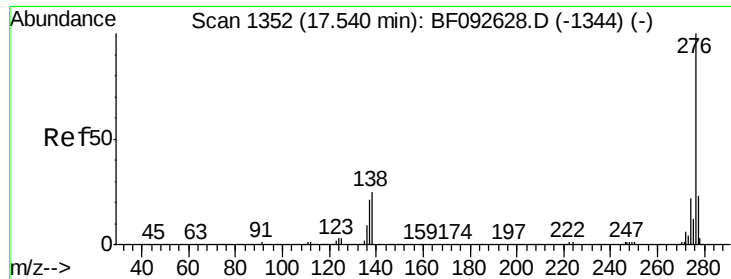
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#90
Dibenzo(a,h)anthracene
Concen: 47.46 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF092841.D
Acq: 7 Feb 2017 21:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.8	22.2
279	24.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.53 ng
 RT: 17.41 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF092841.D
 Acq: 7 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.2	28.8
138	24.4	16.0	24.0

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