

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092836.D
 Acq On : 7 Feb 2017 18:56
 Operator : SJ/MA
 Sample : I1692-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Manual Integrations
 APPROVED

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

Quant Time: Feb 08 00:17:10 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	153400	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	596720	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	319046	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	436349	20.00	ng	0.00
75) Chrysene-d12	14.08	240	339035	20.00	ng	0.00
86) Perylene-d12	15.53	264	282793	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1216364	136.04	ng	0.02
7) Phenol-d6	6.56	99	1347131	117.09	ng	0.01
23) Nitrobenzene-d5	7.47	82	946132	88.30	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	286701	124.25	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1663385	94.45	ng	0.00
78) Terphenyl-d14	13.01	244	1102494	76.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	160437	33.21	ng	# 74
3) Pyridine	3.39	79	286128	23.29	ng	87
4) n-Nitrosodimethylamine	3.31	42	238406	41.33	ng	82
6) Aniline	6.57	93	254077	16.19	ng	# 1
8) 2-Chlorophenol	6.69	128	419340	42.51	ng	91
9) Benzaldehyde	6.45	77	162416	19.71	ng	95
10) Phenol	6.57	94	565676	42.03	ng	79
11) bis(2-Chloroethyl)ether	6.65	93	476511	44.35	ng	98
12) 1,3-Dichlorobenzene	6.84	146	446851m	38.68	ng	
13) 1,4-Dichlorobenzene	6.92	146	466677	39.91	ng	98
14) 1,2-Dichlorobenzene	7.08	146	454967	40.69	ng	94
15) Benzyl Alcohol	7.05	79	369820	43.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	740974	39.70	ng	98
17) 2-Methylphenol	7.17	107	381823	45.12	ng	96
18) Hexachloroethane	7.41	117	148326	37.16	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	291006	39.74	ng	95
20) 3+4-Methylphenols	7.32	107	433113	42.81	ng	# 75
22) Acetophenone	7.32	105	589781	43.29	ng	# 94
24) Nitrobenzene	7.49	77	473757	43.06	ng	96
25) Isophorone	7.73	82	898704	45.01	ng	99
26) 2-Nitrophenol	7.81	139	256322	49.01	ng	# 80
27) 2,4-Dimethylphenol	7.85	122	404161	44.00	ng	97
28) bis(2-Chloroethoxy)methane	7.94	93	527752	39.91	ng	99
29) 2,4-Dichlorophenol	8.05	162	376641	43.96	ng	90
30) 1,2,4-Trichlorobenzene	8.13	180	401983	43.54	ng	97
31) Naphthalene	8.21	128	1189839	39.33	ng	99
32) Benzoic acid	7.98	122	257164	49.20	ng	91
33) 4-Chloroaniline	8.27	127	92592	7.80	ng	97
34) Hexachlorobutadiene	8.33	225	204828	40.33	ng	100
35) Caprolactam	8.64	113	108051	40.10	ng	# 45
36) 4-Chloro-3-methylphenol	8.76	107	422026	47.25	ng	89
37) 2-Methylnaphthalene	8.91	142	870581	44.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	364966	40.75	ng	99
40) Hexachlorocyclopentadiene	9.06	237	102267	25.31	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	264154	44.89	nq	90
43) 2,4,5-Trichlorophenol	9.23	196	273455	42.41	nq	93
45) 1,1'-Biphenyl	9.37	154	945885	40.94	nq	97
46) 2-Chloronaphthalene	9.40	162	807161	44.66	nq	95
47) 2-Nitroaniline	9.49	65	245527	40.41	nq	96
48) Acenaphthylene	9.81	152	1257543	40.28	nq	99
49) Dimethylphthalate	9.68	163	1040863	48.44	nq	100
50) 2,6-Dinitrotoluene	9.73	165	194197	41.84	nq	# 79
51) Acenaphthene	9.98	154	779445	41.76	nq	97
52) 3-Nitroaniline	9.90	138	114462	21.55	nq	92
53) 2,4-Dinitrophenol	10.02	184	73595	34.06	nq	93
54) Dibenzofuran	10.16	168	1068999	42.82	nq	95
55) 4-Nitrophenol	10.09	139	310450	81.16	nq	# 63
56) 2,4-Dinitrotoluene	10.14	165	277126	44.85	nq	87
57) Fluorene	10.50	166	801704	41.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	209109	48.62	nq	91
59) Diethylphthalate	10.37	149	952497	47.03	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	369247	40.02	nq	91
61) 4-Nitroaniline	10.52	138	195629	35.96	nq	93
62) Azobenzene	10.65	77	898706	42.95	nq	95
64) 4,6-Dinitro-2-methylphenol	10.56	198	57465	23.10	nq	84
65) n-Nitrosodiphenylamine	10.61	169	765125	54.89	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	224409	49.23	nq	93
67) Hexachlorobenzene	11.05	284	212233	47.11	nq	97
68) Atrazine	11.14	200	226915	50.73	nq	98
69) Pentachlorophenol	11.24	266	197763	84.58	nq	97
70) Phenanthrene	11.46	178	1018349	40.74	nq	99
71) Anthracene	11.52	178	1146920	45.69	nq	97
72) Carbazole	11.66	167	911325	37.98	nq	98
73) Di-n-butylphthalate	12.00	149	1403773	54.09	nq	# 97
74) Fluoranthene	12.65	202	954291	37.01	nq	96
76) Benzidine	12.76	184	157348	10.89	nq	97
77) Pyrene	12.88	202	955198	37.65	nq	99
79) Butylbenzylphthalate	13.49	149	496738	48.21	nq	# 80
80) Benzo(a)anthracene	14.07	228	868672	41.89	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	283900	38.41	nq	# 94
82) Chrysene	14.10	228	689501	35.51	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	647656	45.96	nq	# 94
84) Di-n-octyl phthalate	14.66	149	1078798	47.02	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	647346	43.05	nq	95
87) Benzo(b)fluoranthene	15.11	252	774327	41.60	nq	98
88) Benzo(k)fluoranthene	15.14	252	775387m	48.25	nq	
89) Benzo(a)pyrene	15.47	252	731373	45.43	nq	96
90) Dibenzo(a,h)anthracene	16.99	278	564604	43.39	nq	97
91) Benzo(g,h,i)perylene	17.40	276	527548	40.13	nq	# 89

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

```

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```

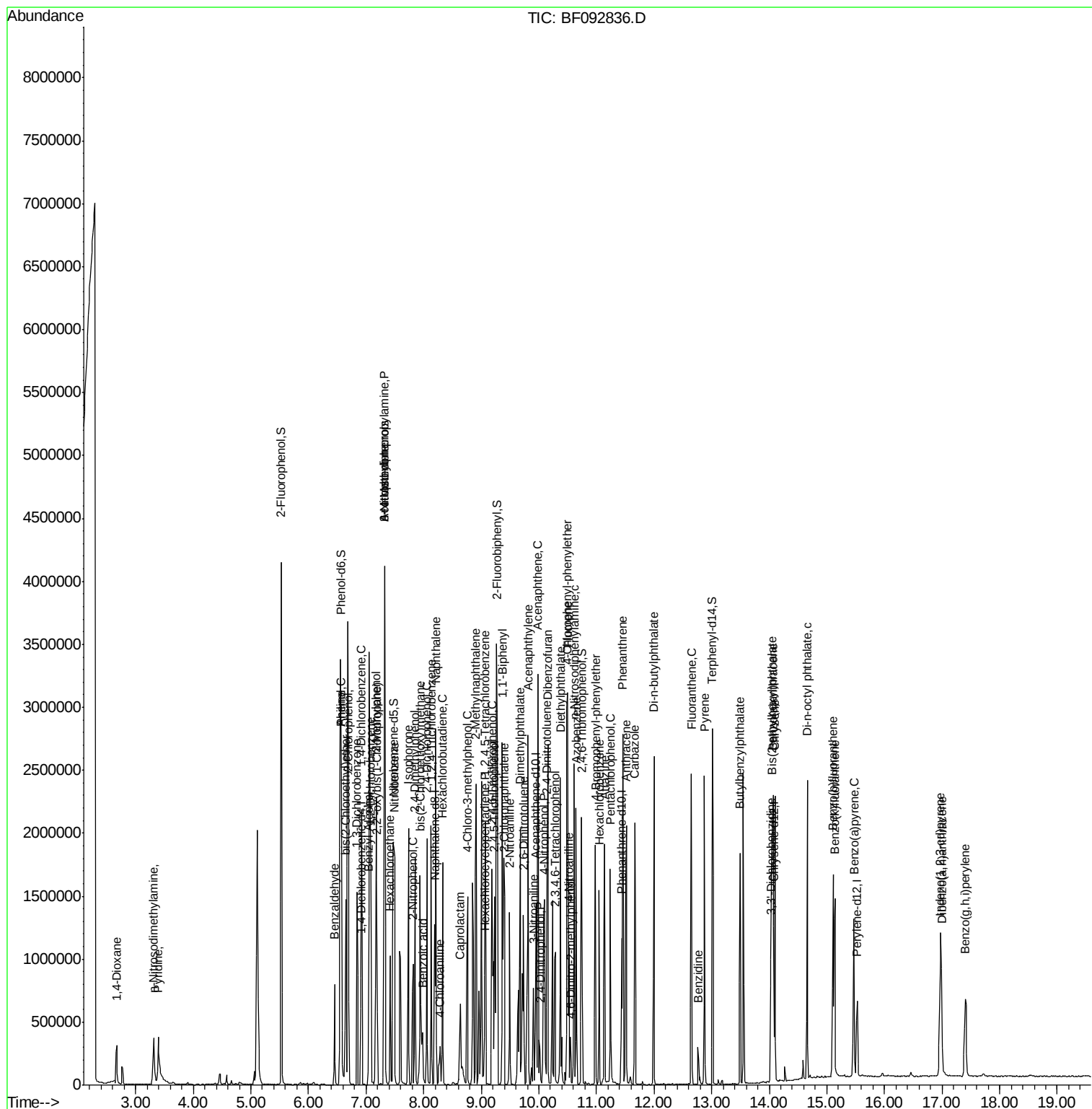
Instrument :
BNA_F

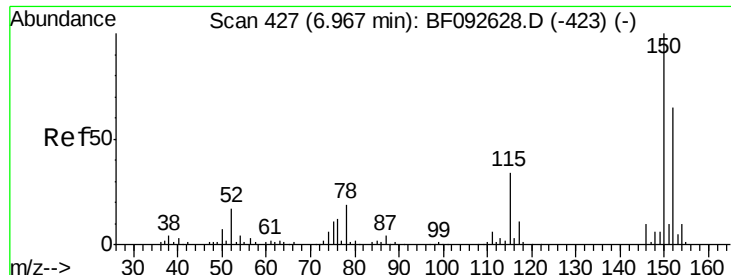
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

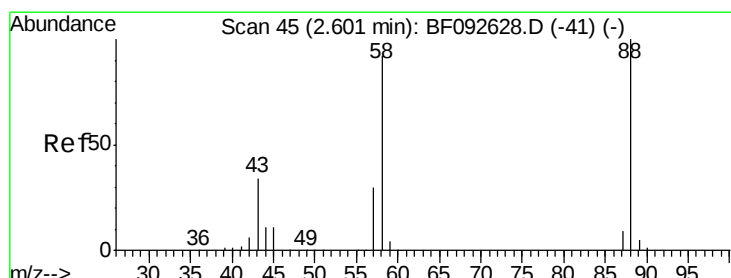
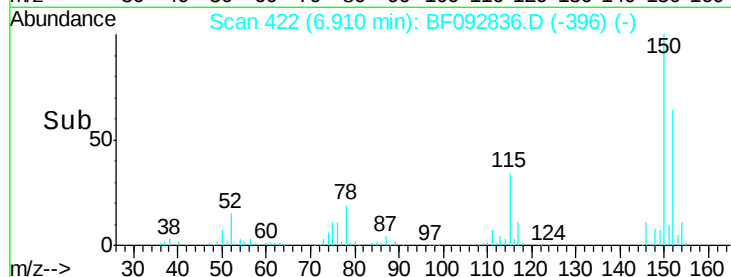
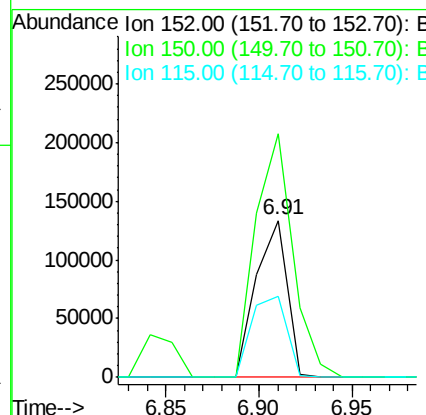
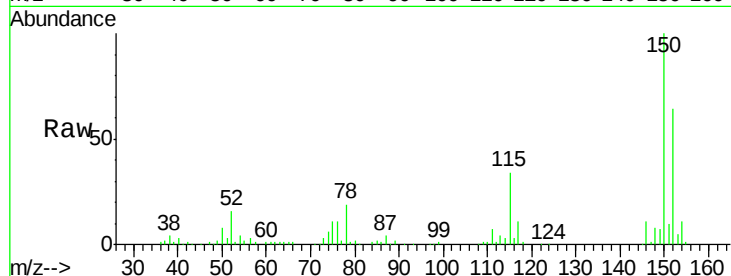
ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	52.0	46.0	69.0

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#2

1,4-Dioxane

Concen: 33.21 ng

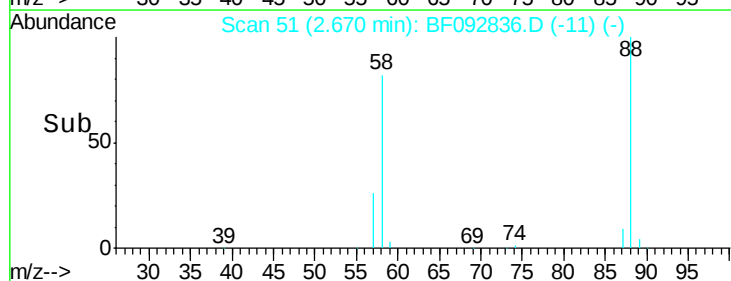
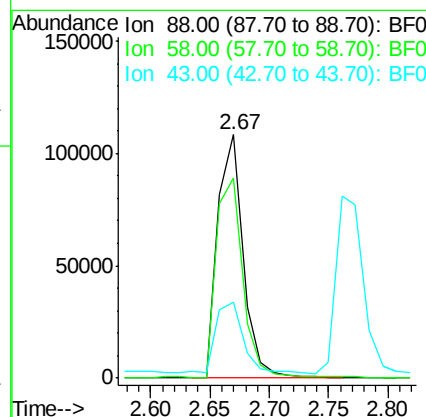
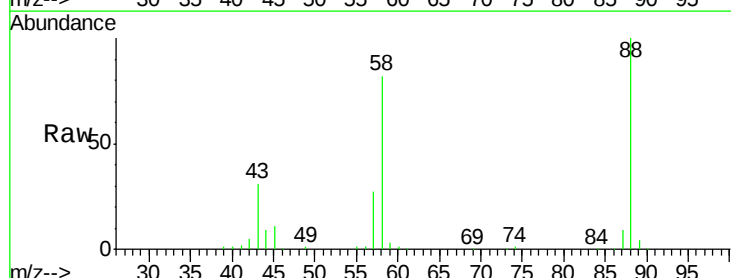
RT: 2.67 min Scan# 51

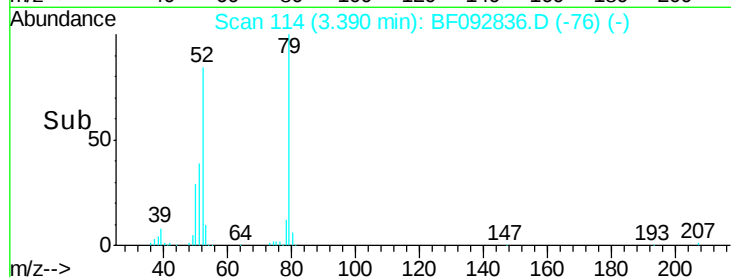
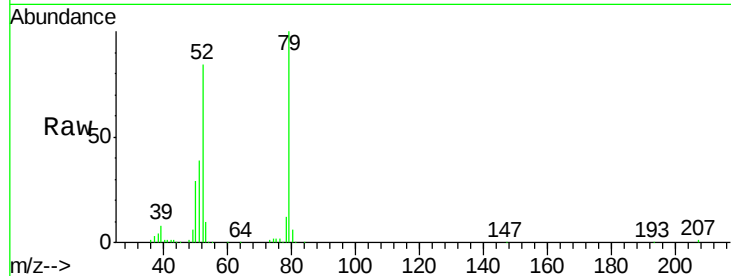
Delta R.T. 0.16 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	57.8	86.8
43	0.0	22.3	33.5#





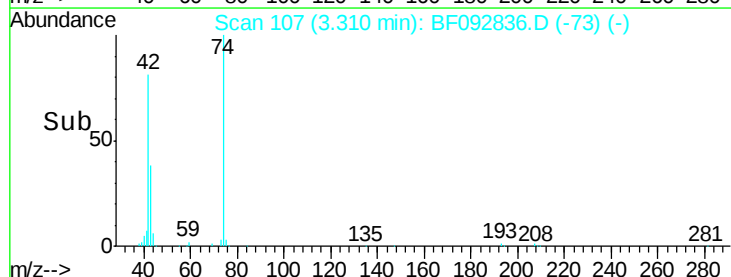
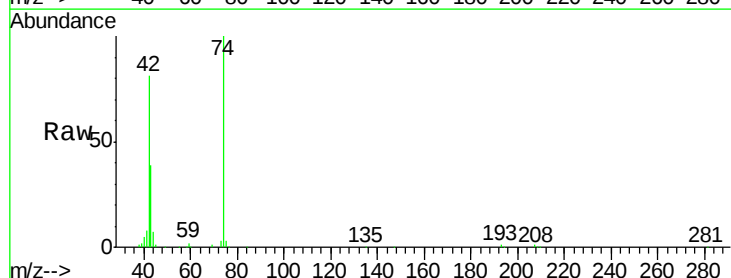
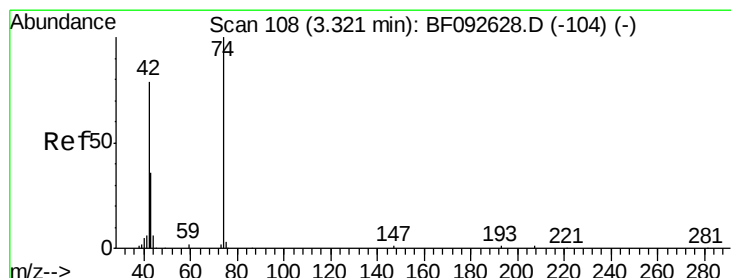
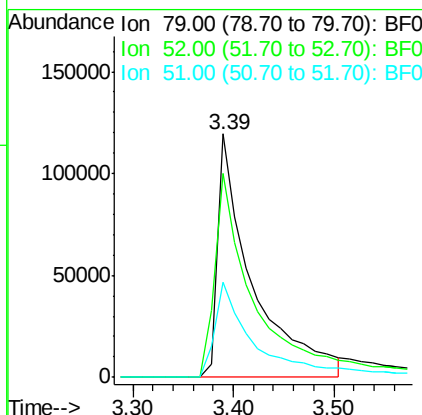
#3
Pvridine
Concen: 23.29 ng
RT: 3.39 min Scan# 114
Delta R.T. 0.14 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.8	57.1	85.7
51	38.9	27.3	40.9

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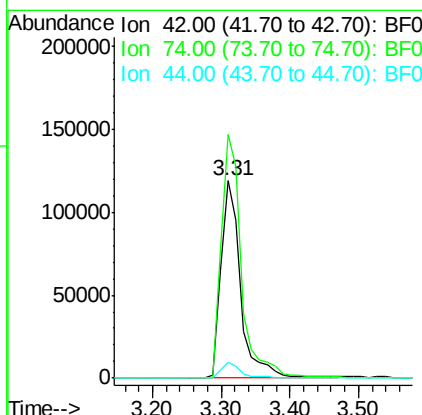
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#4
n-Nitrosodimethylamine
Concen: 41.33 ng
RT: 3.31 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.5	117.0	175.4
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 136.04 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

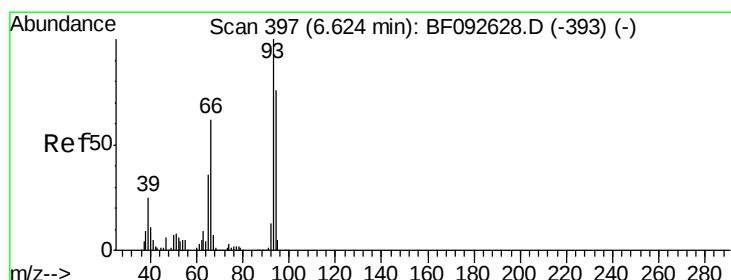
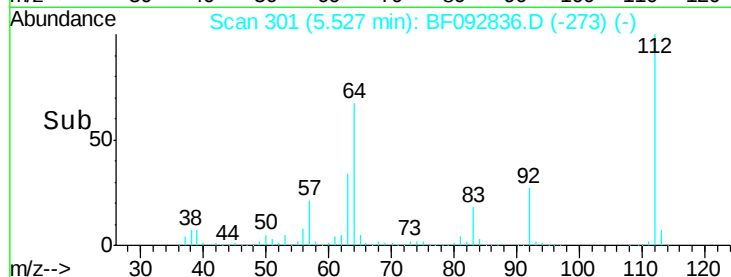
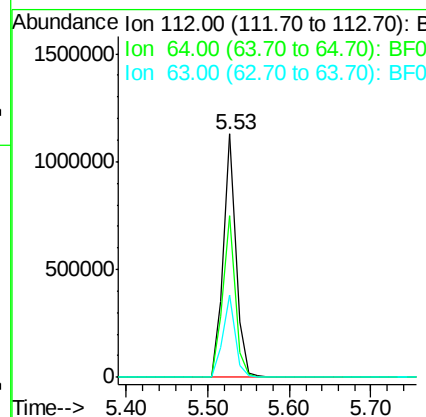
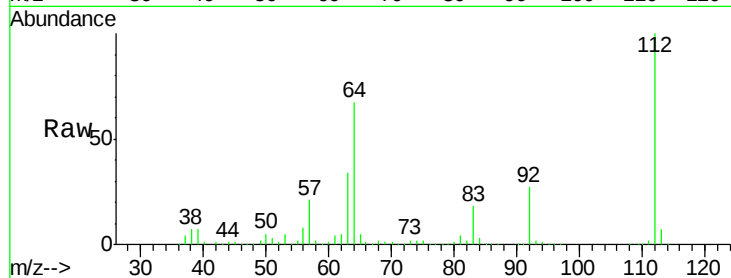
ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion:	112	Resp:	1216364
Ion Ratio	Lower	Upper	
112	100		
64	66.6	46.1	69.1
63	33.6	23.8	35.6

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#6

Aniline

Concen: 16.19 ng

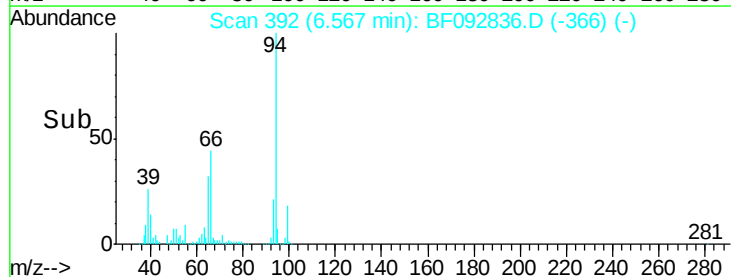
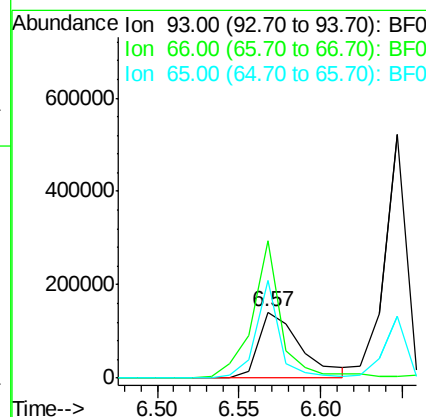
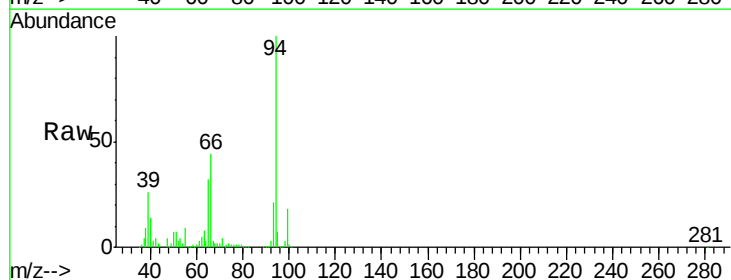
RT: 6.57 min Scan# 392

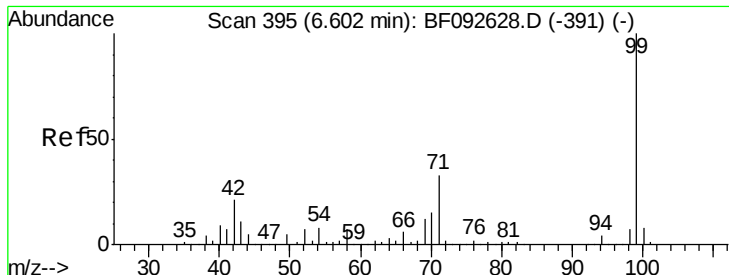
Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion:	93	Resp:	254077
Ion Ratio	Lower	Upper	
93	100		
66	208.4	76.2	114.2#
65	149.0	49.3	73.9#





#7

Phenol-d6

Concen: 117.09 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

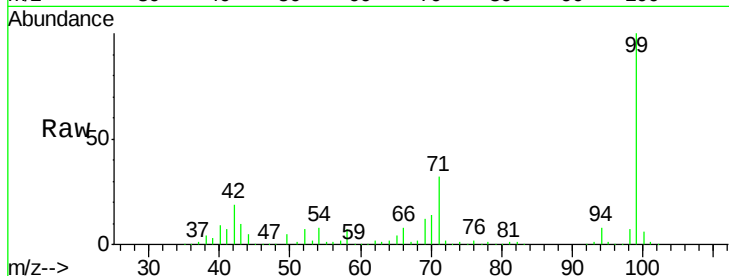
ClientSampleId :

ROLL-OFF-15-40-COMPMS

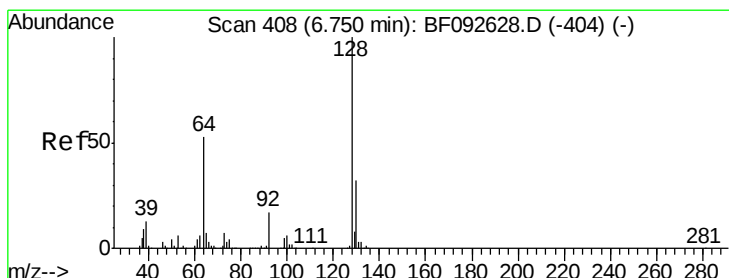
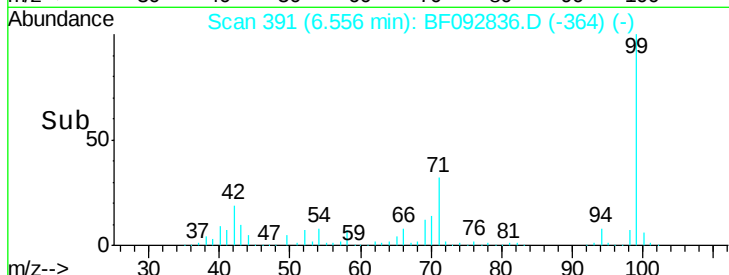
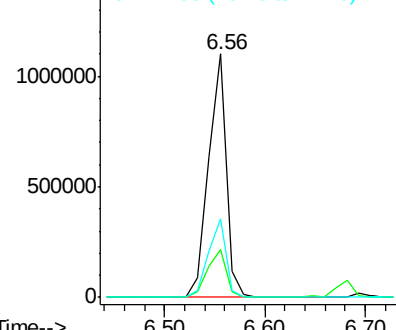
Tot Ion:	99	Resp:	1347131
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	32.1	27.5	41.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.51 ng

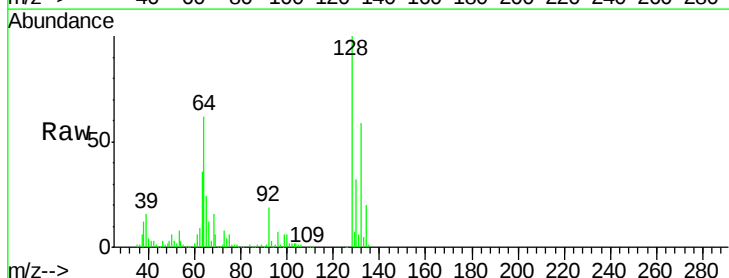
RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

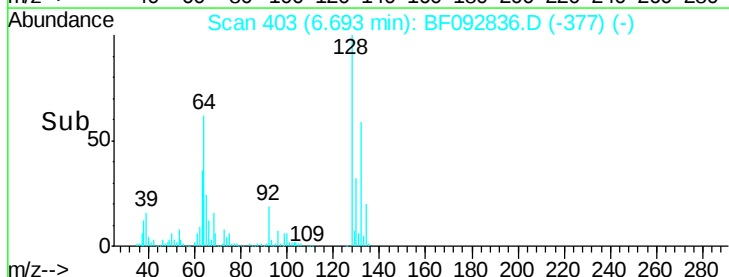
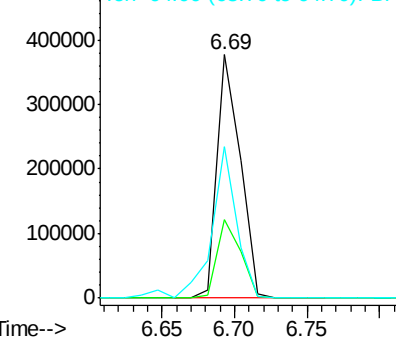
Lab File: BF092836.D

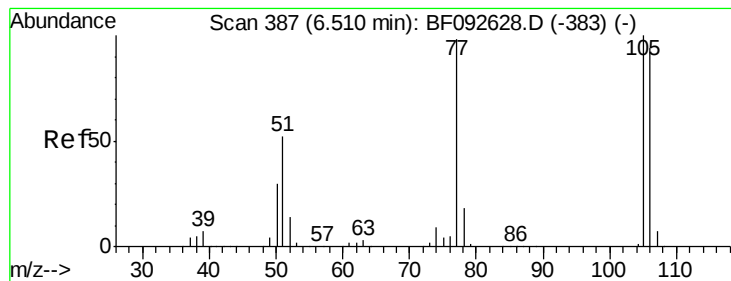
Acq: 7 Feb 2017 18:56

Tgt Ion:	128	Resp:	419340
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.3	52.3
64	62.2	32.2	72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.71 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

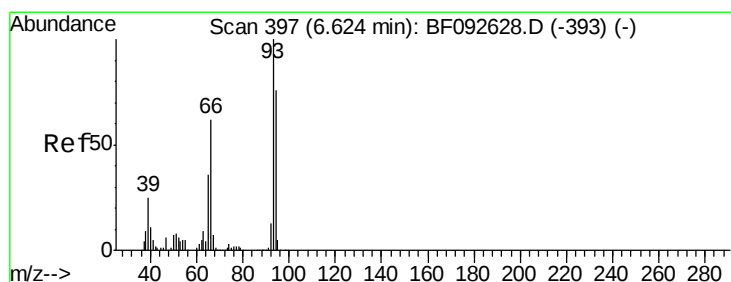
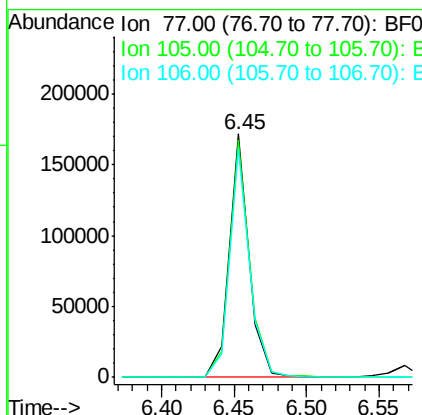
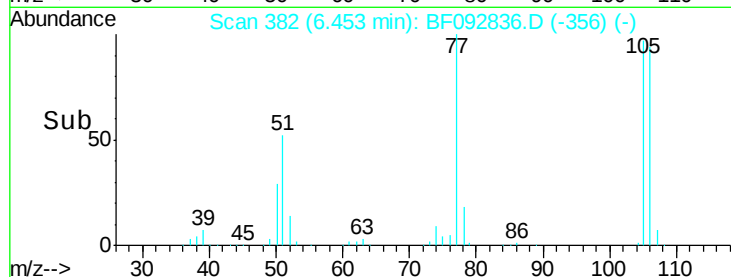
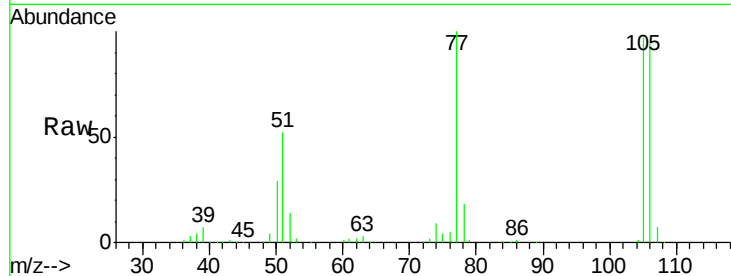
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Tot Ion:	77	Resp:	162416
Ion Ratio	Lower	Upper	
77	100		
105	97.2	83.9	123.9
106	93.9	77.6	117.6

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#10

Phenol

Concen: 42.03 ng

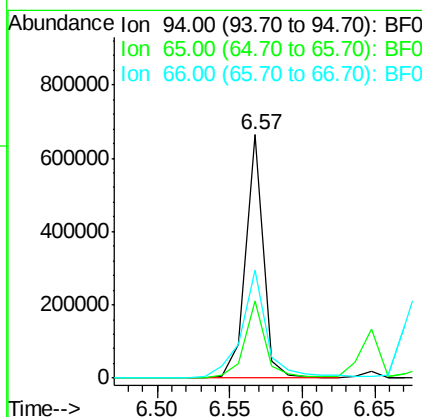
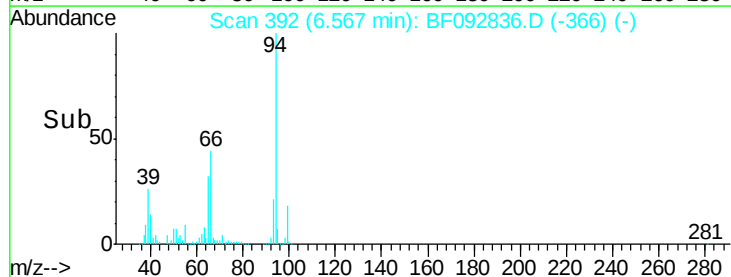
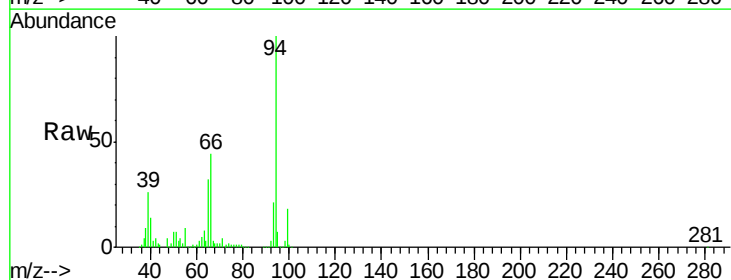
RT: 6.57 min Scan# 392

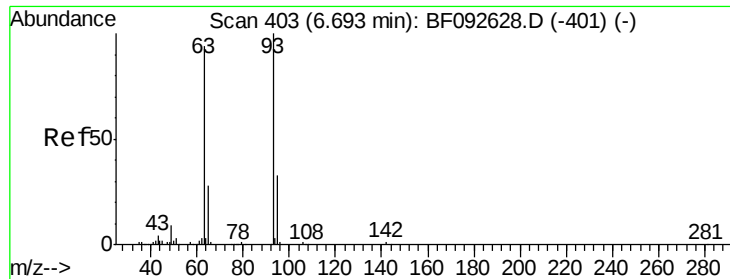
Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion:	94	Resp:	565676
Ion Ratio	Lower	Upper	
94	100		
65	31.7	21.4	61.4
66	44.3	44.0	84.0





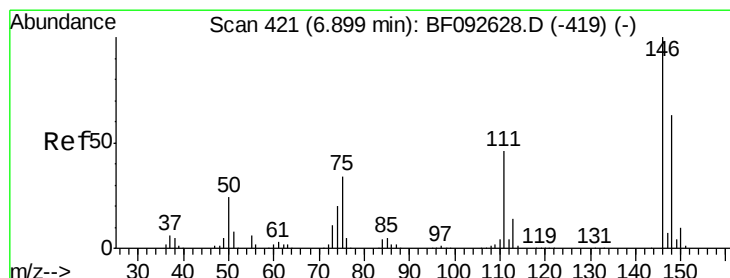
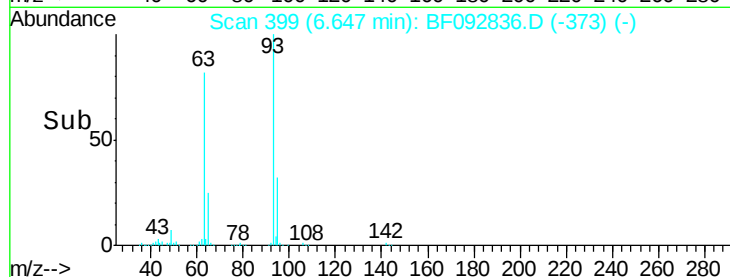
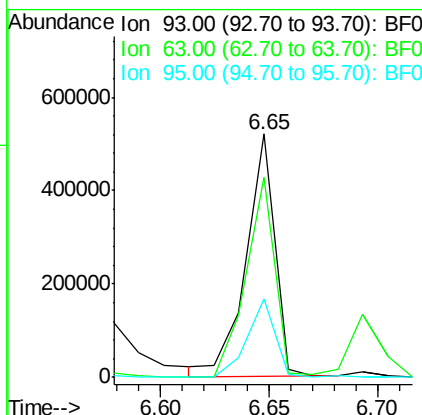
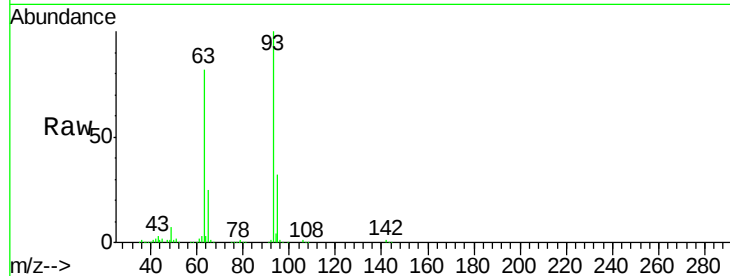
#11
bis(2-Chloroethyl)ether
Concen: 44.35 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.3	60.4	100.4
95	32.5	12.8	52.8

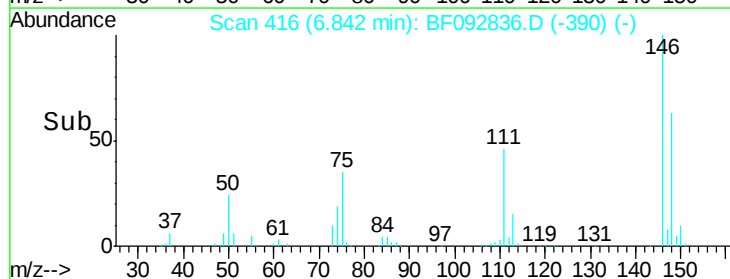
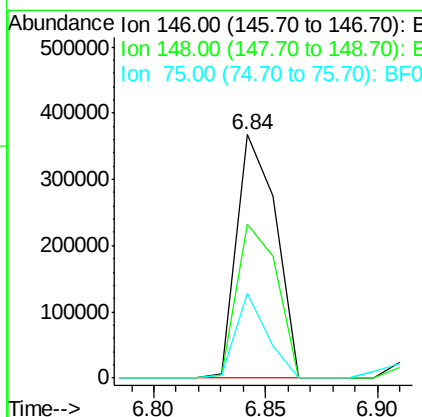
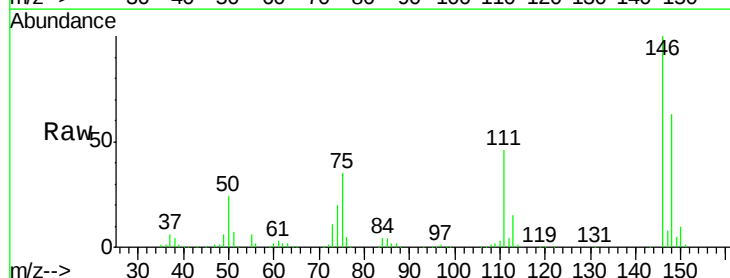
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 38.68 ng m
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.4	80.0
75	34.9	18.5	27.7





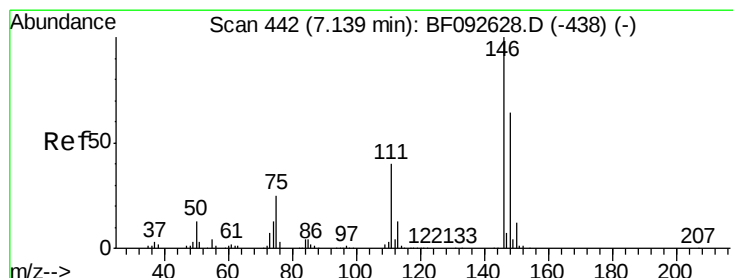
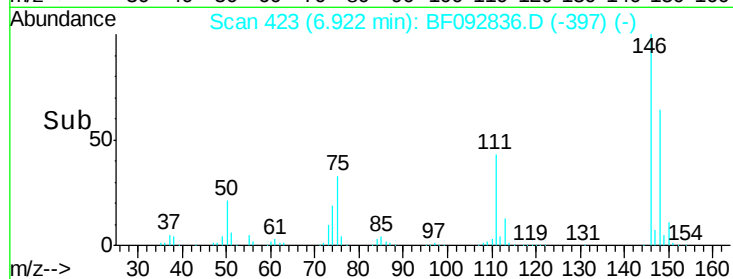
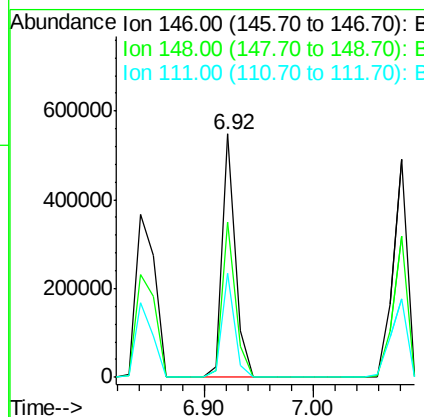
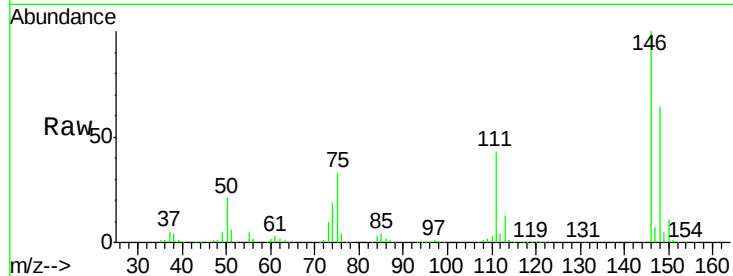
#13
 1,4-Dichlorobenzene
 Concen: 39.91 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	42.5	36.2	54.4

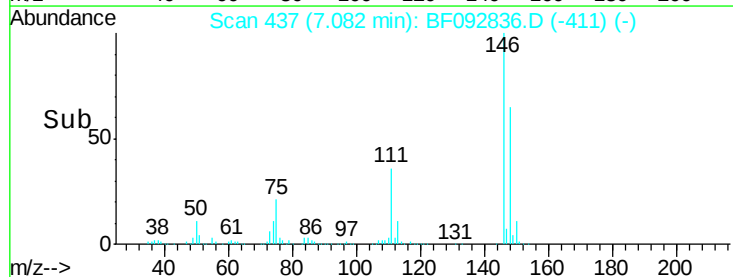
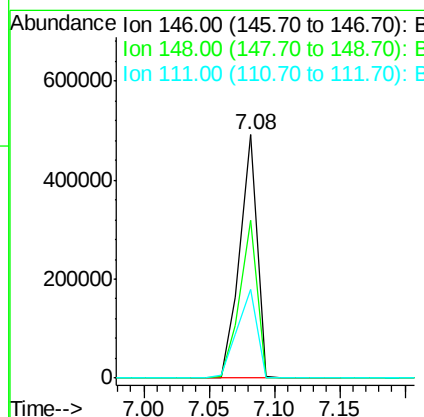
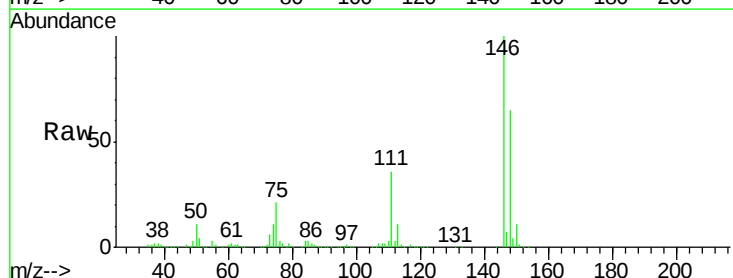
Manual Integrations
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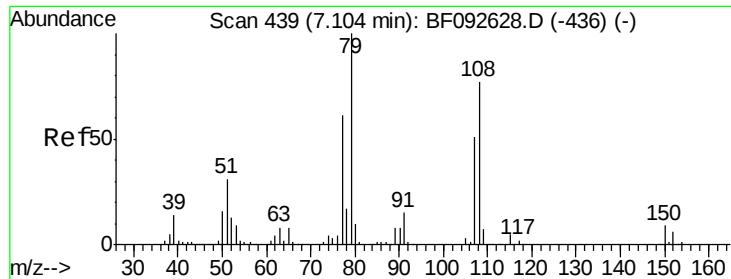
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#14
 1,2-Dichlorobenzene
 Concen: 40.69 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	36.2	36.2	54.2





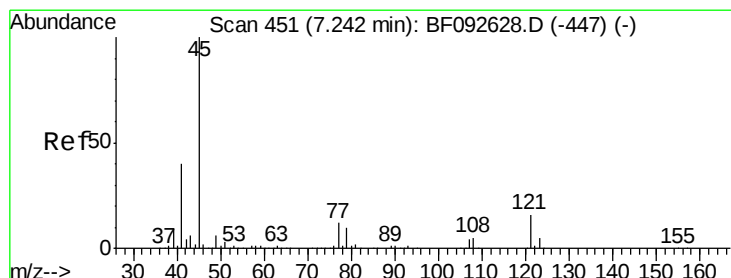
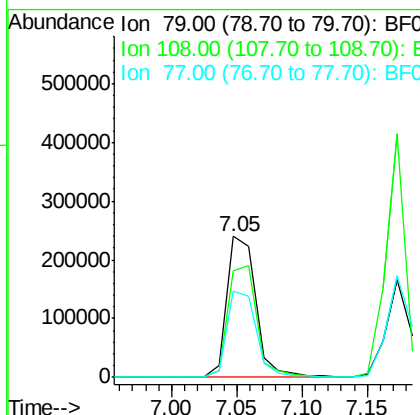
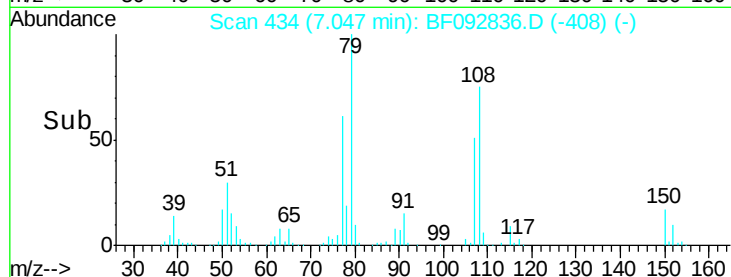
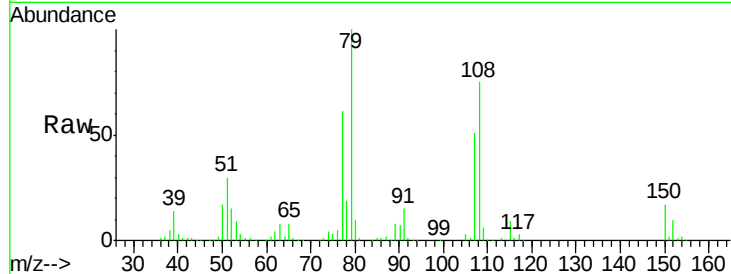
#15
Benzyl Alcohol
Concen: 43.42 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	61.4	92.0
77	61.3	50.9	76.3

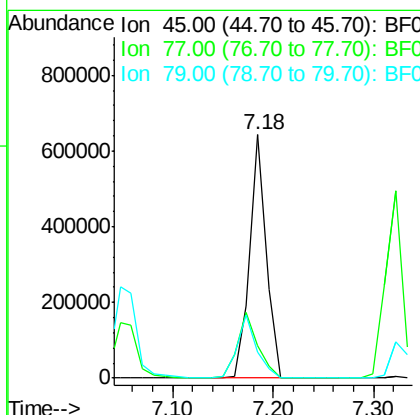
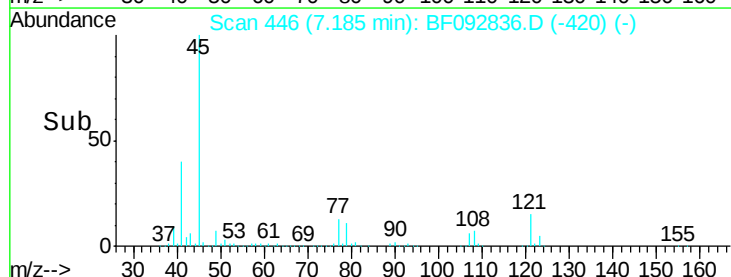
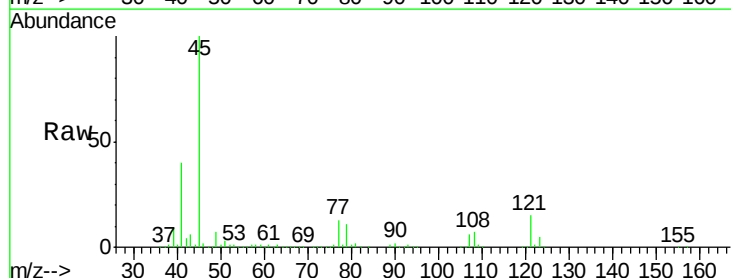
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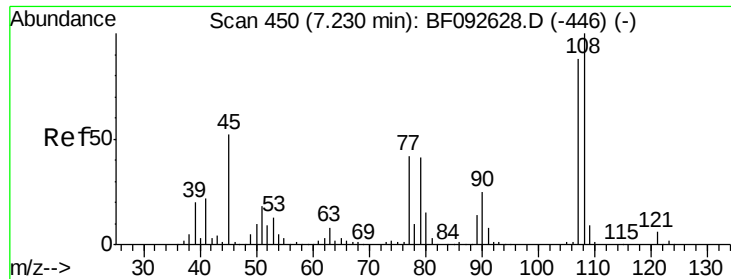
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.70 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	34.6
79	10.8	0.0	31.2





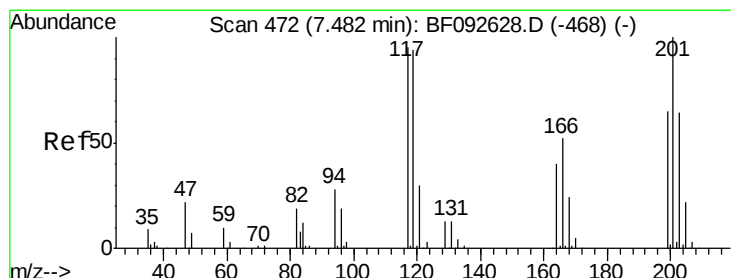
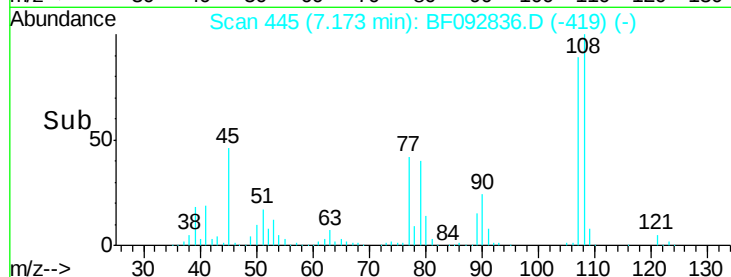
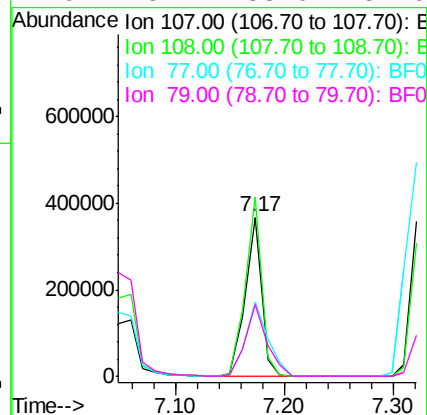
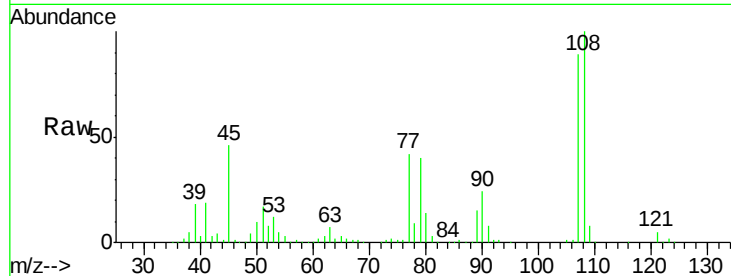
#17
2-Methylphenol
Concen: 45.12 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	107	Resp	381823
Ion Ratio	Lower	Upper	
107	100		
108	112.5	93.0	139.6
77	46.8	39.8	59.8
79	45.4	38.0	57.0

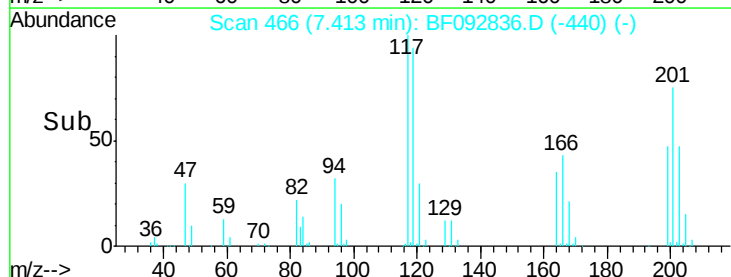
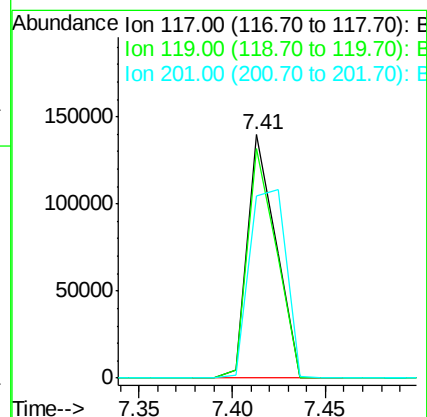
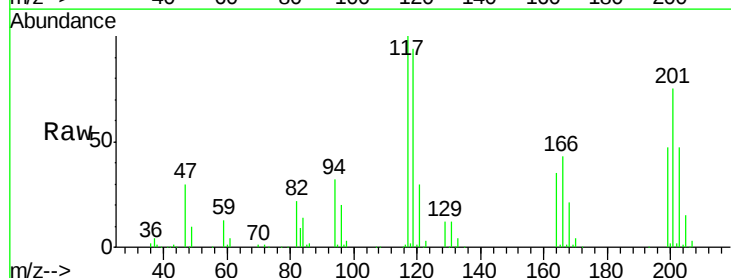
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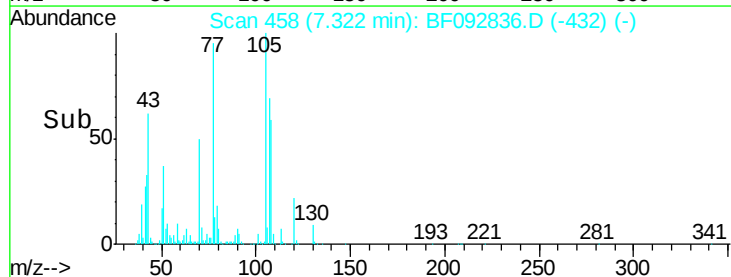
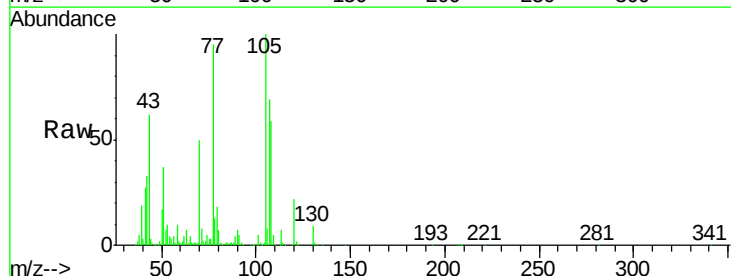
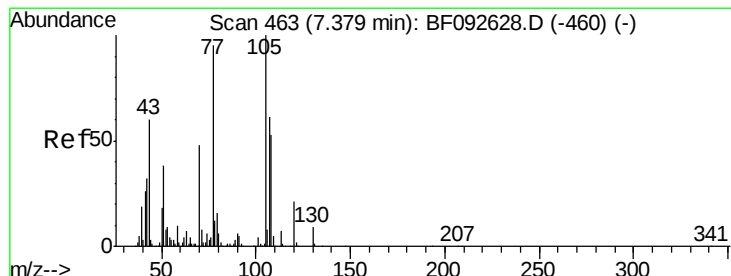
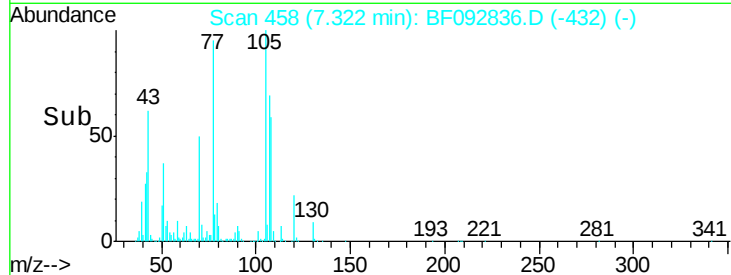
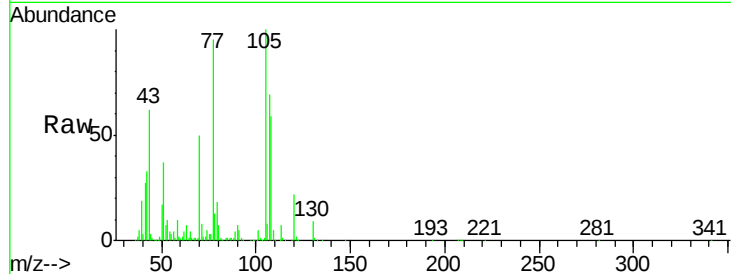
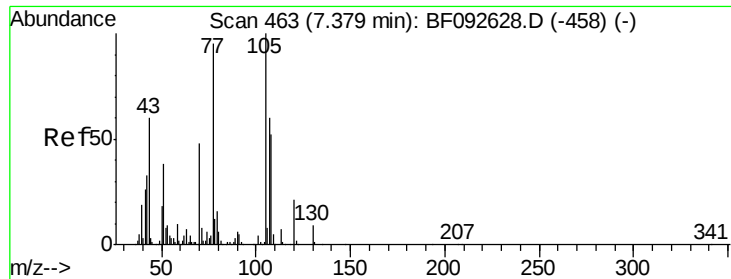
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#18
Hexachloroethane
Concen: 37.16 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

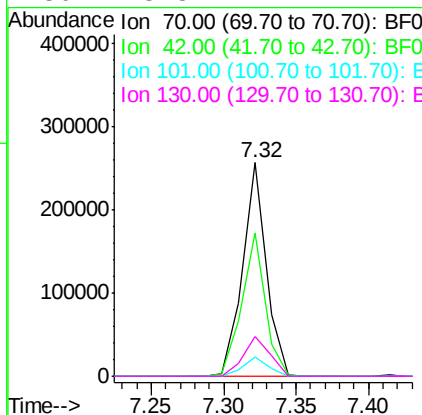
Tgt Ion	117	Resp	148326
Ion Ratio	Lower	Upper	
117	100		
119	94.0	78.1	117.1
201	74.8	78.6	117.8#





#19
n-Nitroso-di-n-propylamine
Concen: 39.74 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tot Ion	Ratio	Resp	Lower	Upper
70	100	291006		
42	67.2		49.4	74.0
101	9.3		7.4	11.2
130	18.8		14.2	21.4



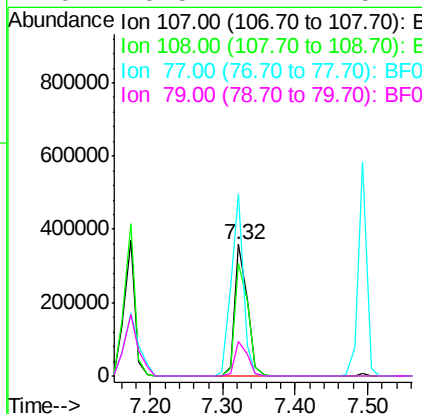
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

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#20
3+4-Methylphenols
Concen: 42.81 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	433113		
108	85.6		73.0	113.0
77	137.7		71.3	111.3#
79	26.5		11.1	51.1





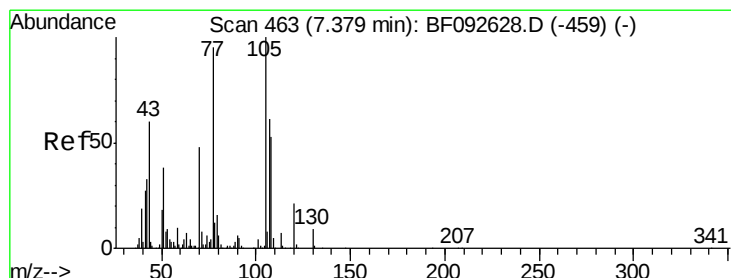
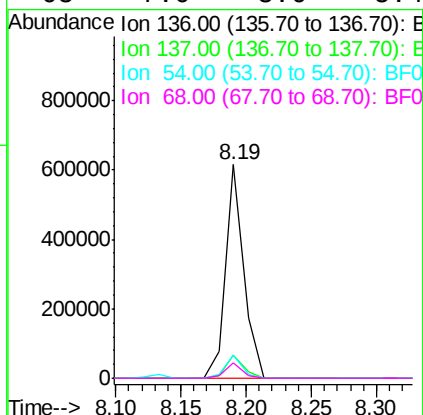
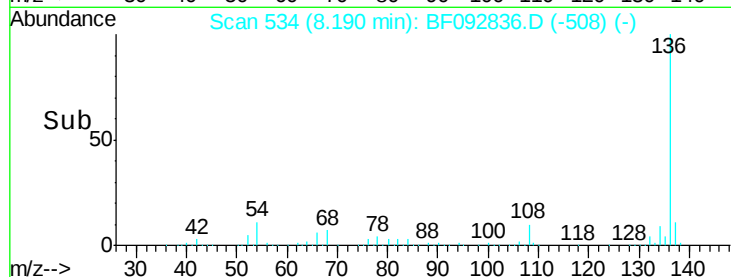
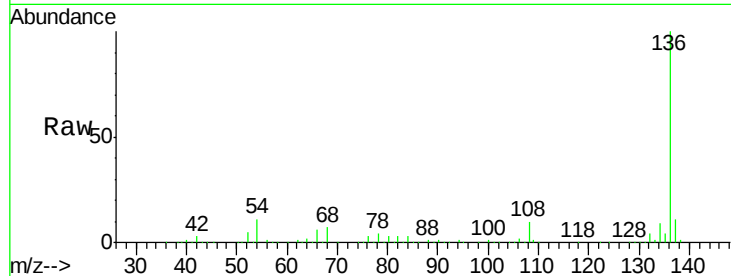
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.6	4.5	6.7#
68	7.0	3.6	5.4#

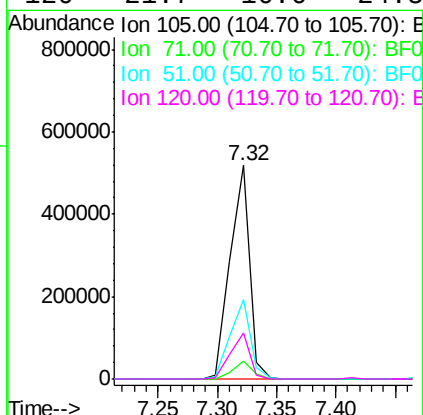
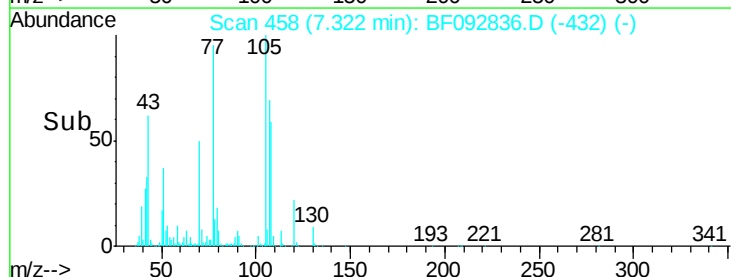
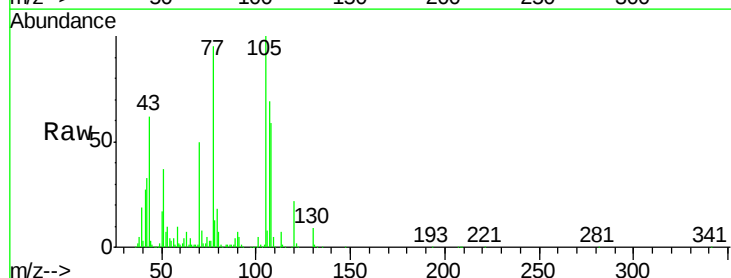
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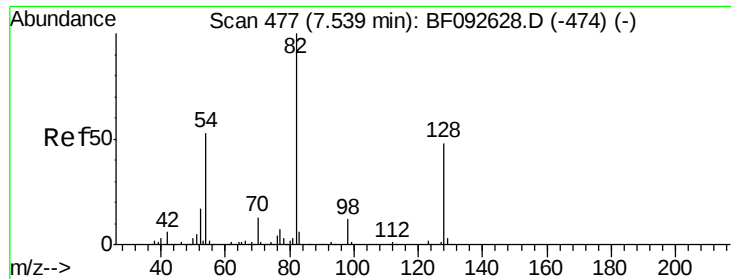
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#22
Acetophenone
Concen: 43.29 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.3	3.2	4.8#
51	36.9	26.2	39.4
120	21.7	16.6	24.8





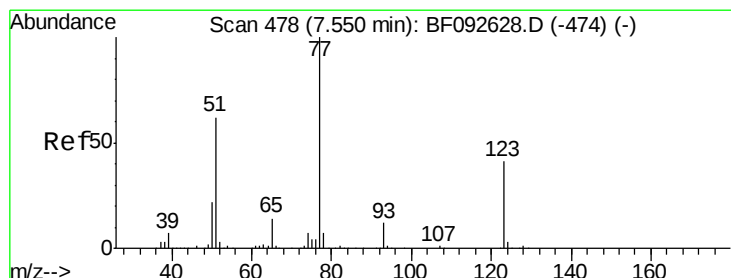
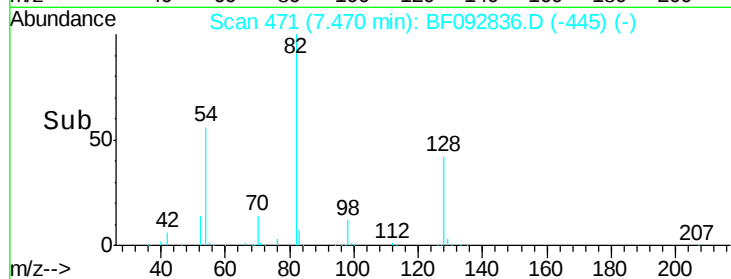
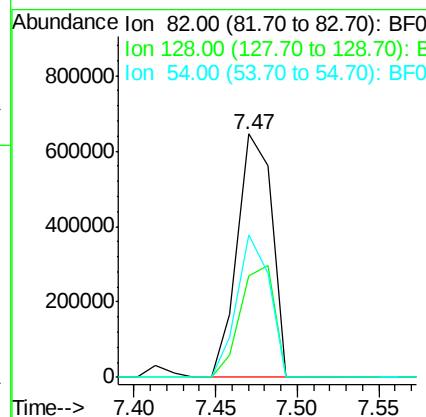
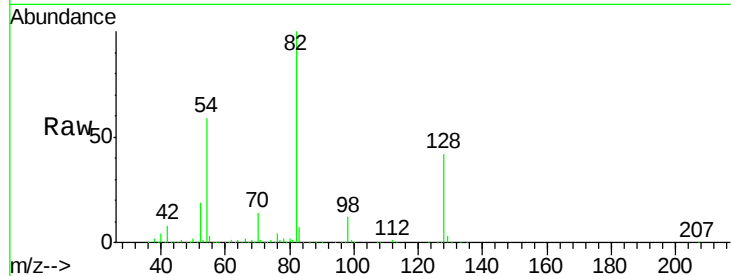
#23
 Nitrobenzene-d5
 Concen: 88.30 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	34.6	52.0	
54	58.8	39.5	59.3	

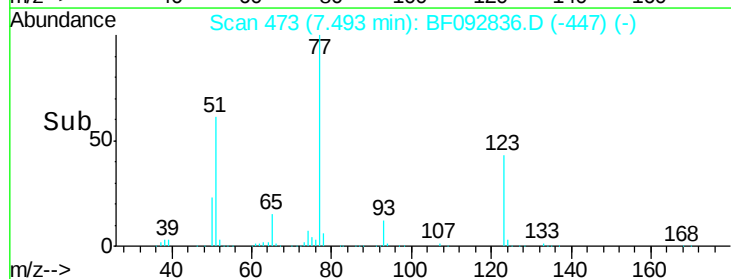
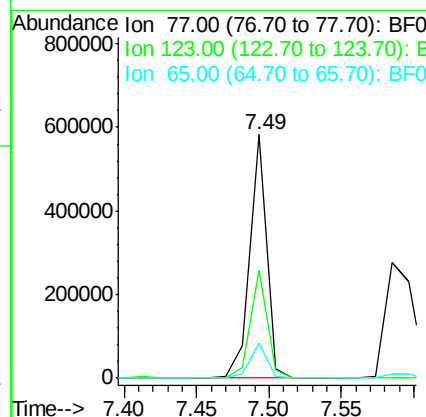
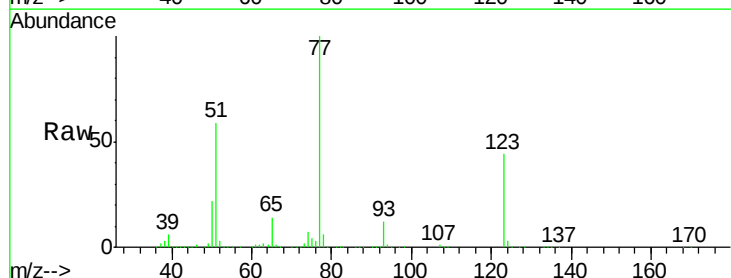
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#24
 Nitrobenzene
 Concen: 43.06 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.2	33.0	49.4	
65	14.2	11.2	16.8	





#25

Isophorone

Concen: 45.01 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

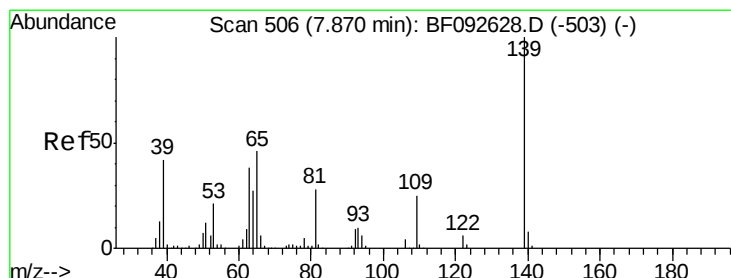
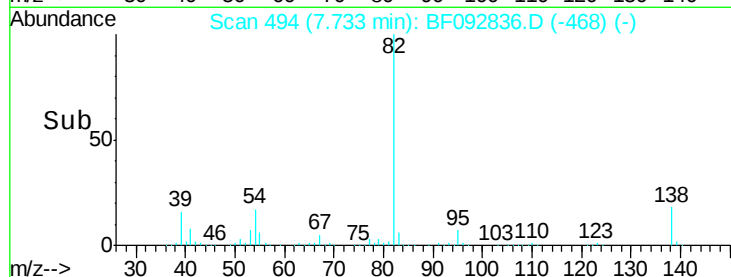
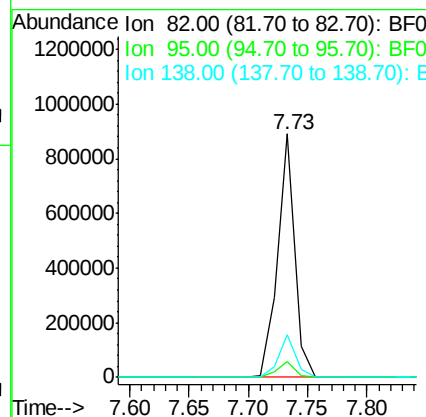
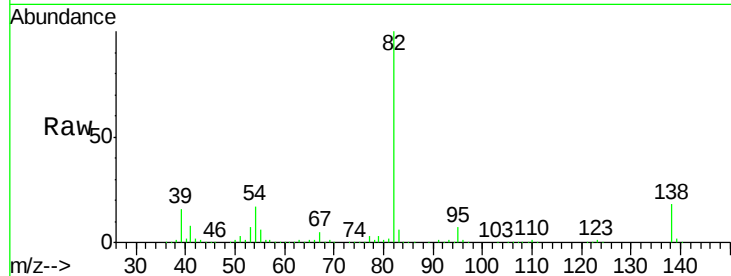
ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion:	82	Resp:	898704
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.6	8.4
138	17.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 49.01 ng

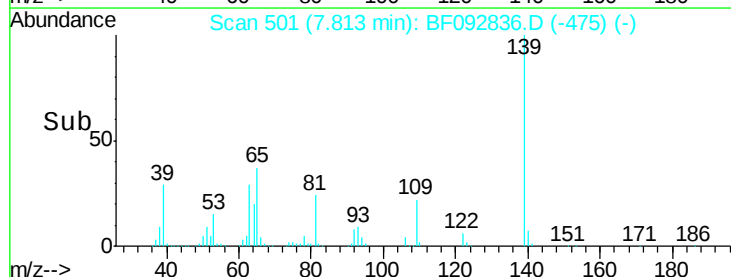
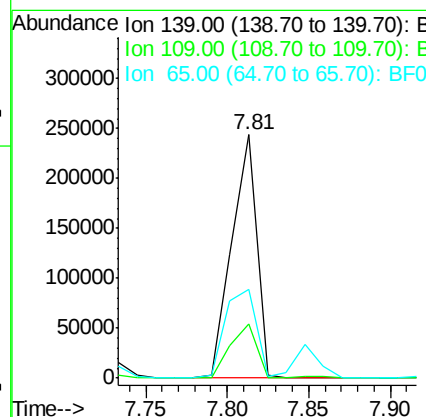
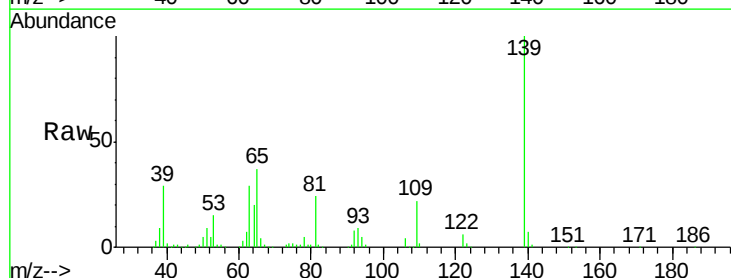
RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion:	139	Resp:	256322
Ion Ratio		Lower	Upper
139	100		
109	22.3	23.3	34.9#
65	36.7	42.7	64.1#





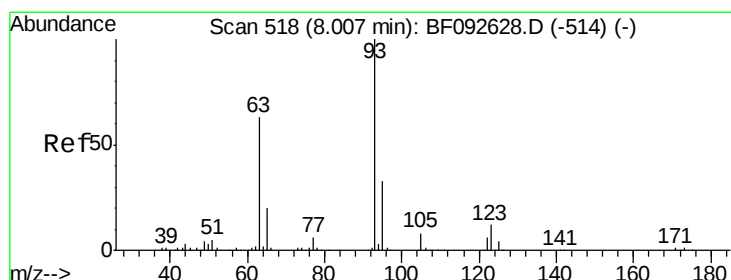
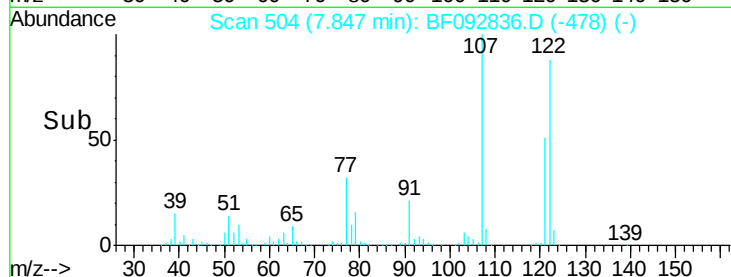
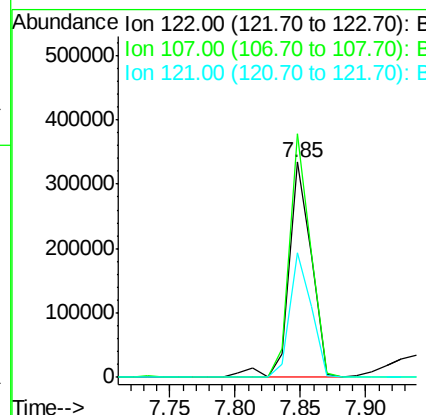
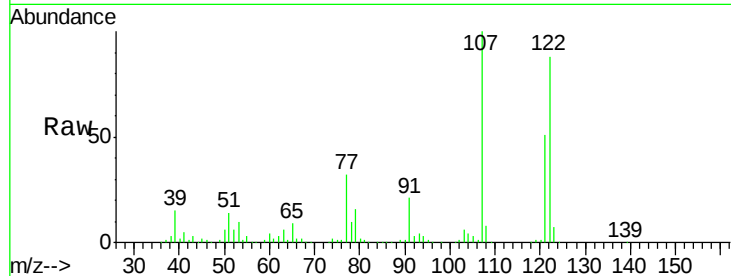
#27
2,4-Dimethylphenol
Concen: 44.00 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	404161		
107	113.1	94.1	141.1	
121	57.8	46.0	69.0	

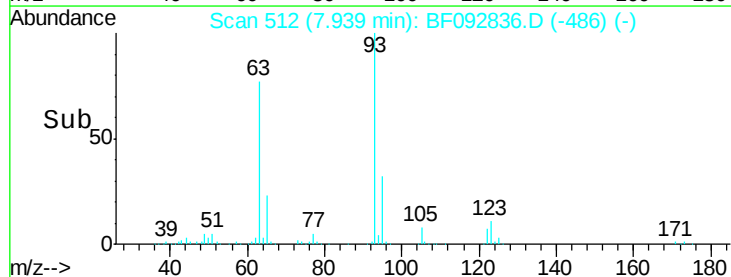
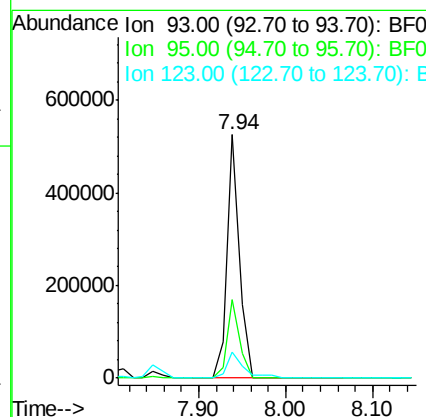
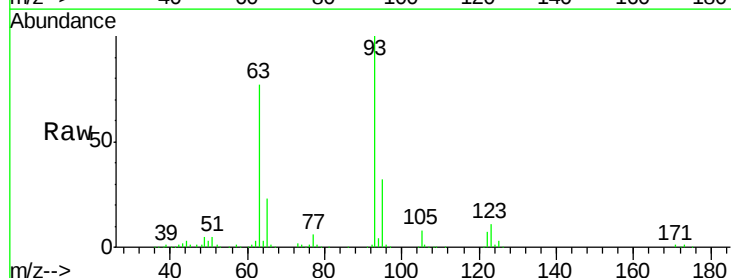
Manual Integrations
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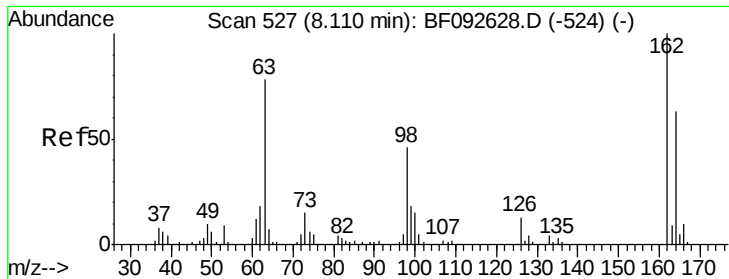
mohammad
2/8/2017 10:43:10 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.91 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	527752		
95	32.2	26.5	39.7	
123	10.6	8.6	13.0	





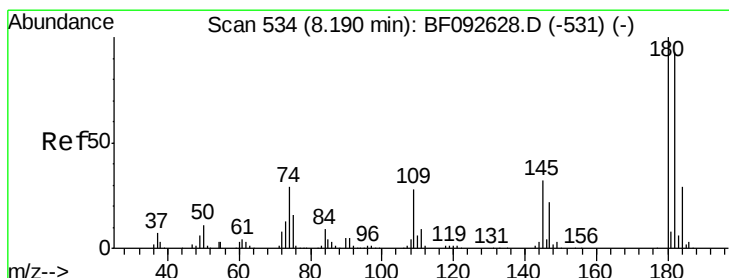
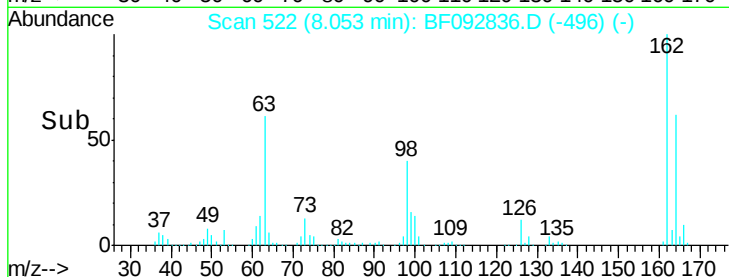
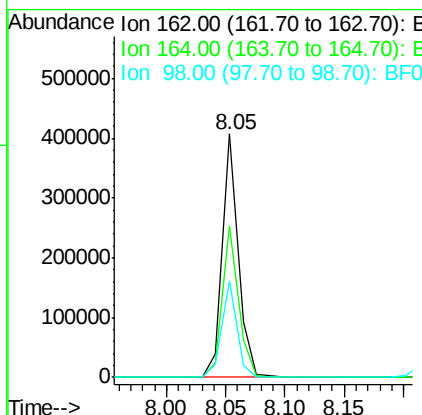
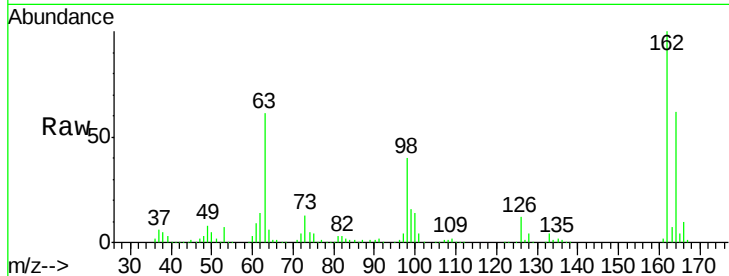
#29
 2,4-Dichlorophenol
 Concen: 43.96 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	376641		
164	62.1	46.8	86.8	
98	39.8	9.1	49.1	

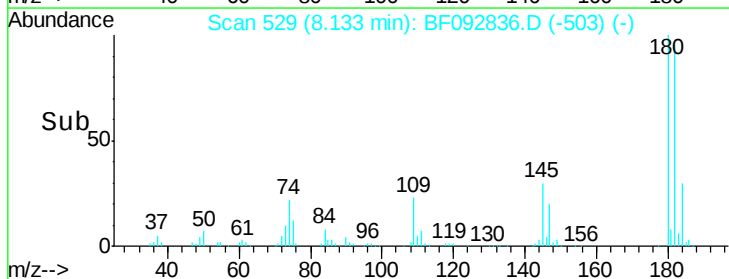
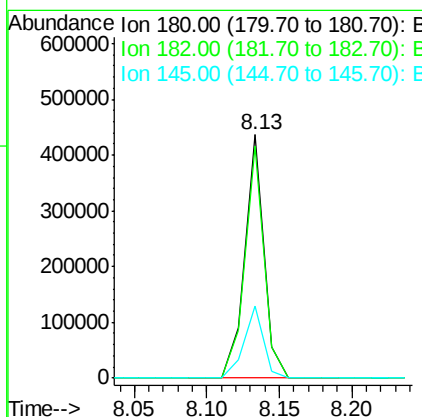
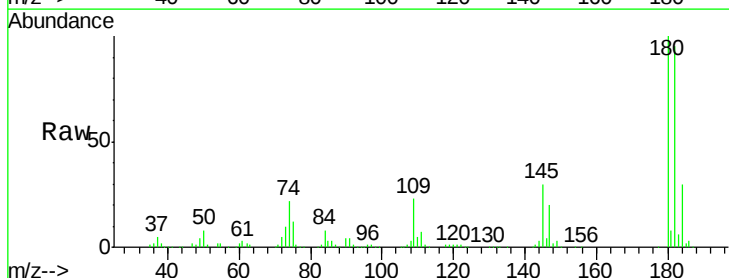
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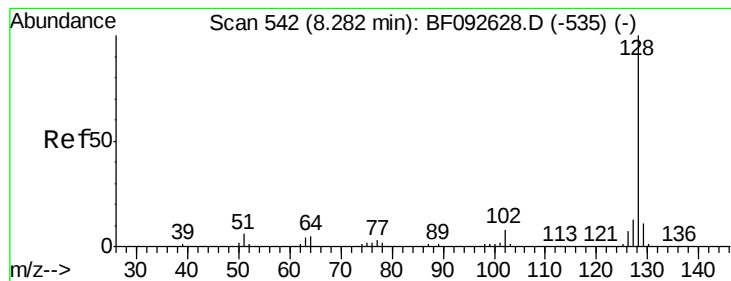
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.54 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	401983		
182	95.1	78.2	117.4	
145	29.8	21.6	32.4	





#31

Naphthalene

Concen: 39.33 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion:128 Resp: 1189839

Ion Ratio Lower Upper

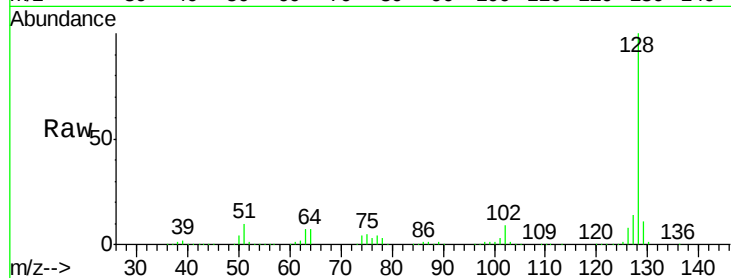
128 100

129 11.4 9.5 14.3

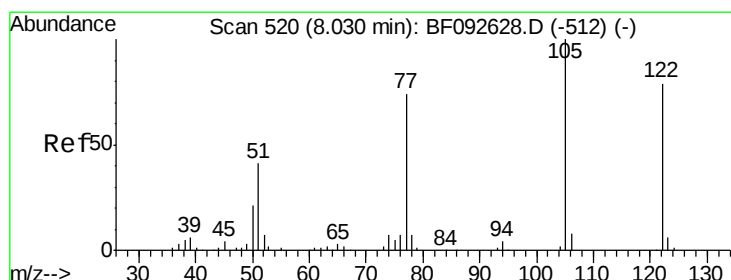
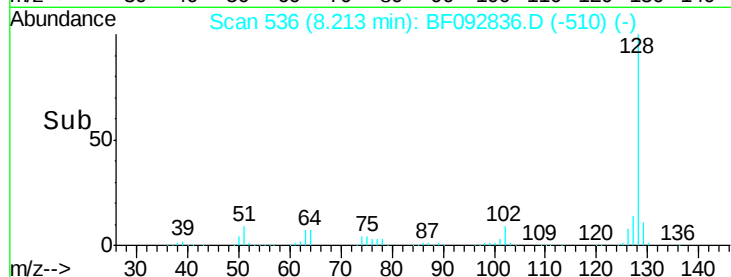
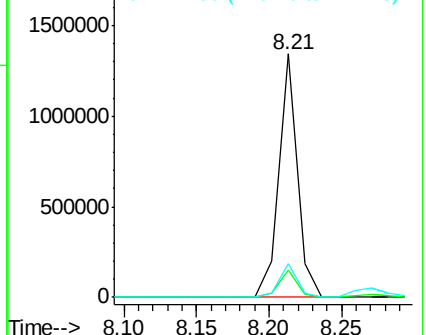
127 13.7 10.8 16.2

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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: 49.20 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

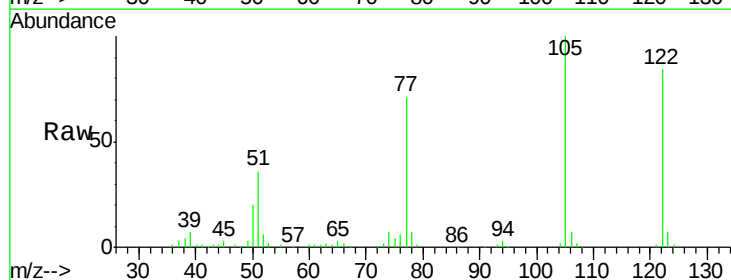
Tgt Ion:122 Resp: 257164

Ion Ratio Lower Upper

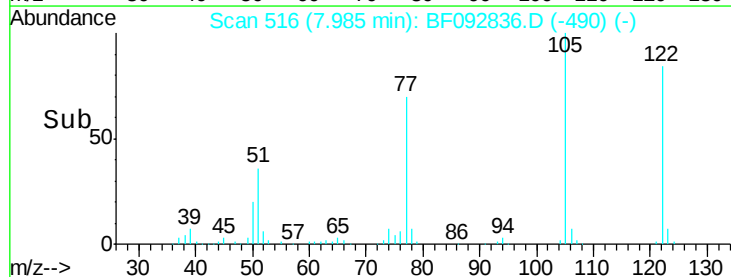
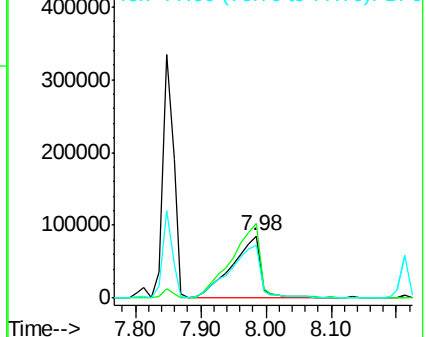
122 100

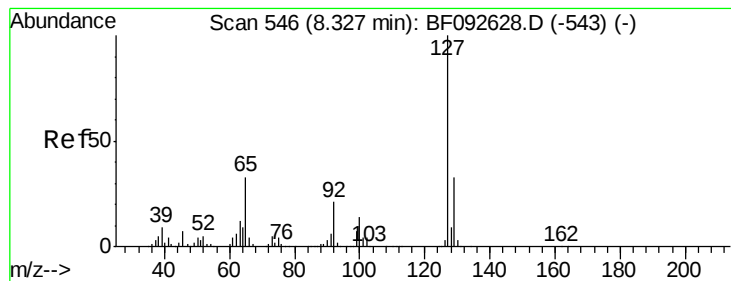
105 118.7 107.2 147.2

77 84.3 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





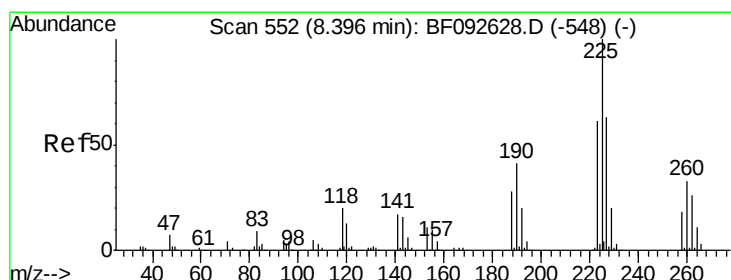
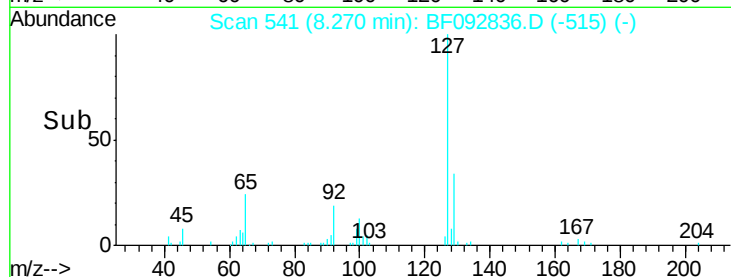
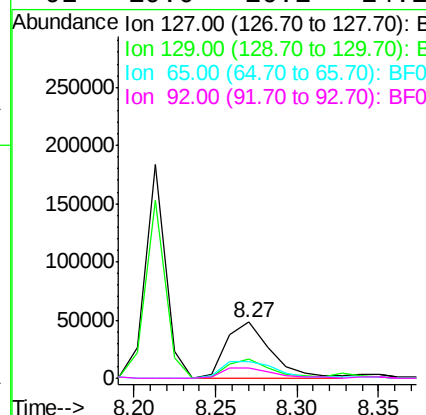
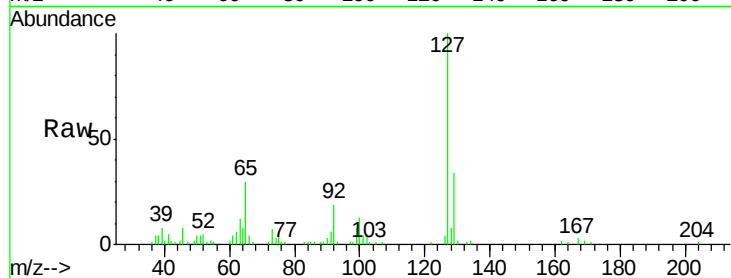
#33
4-Chloroaniline
Concen: 7.80 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	26.3	39.5		
65	29.9	25.8	38.8		
92	19.0	16.1	24.1		

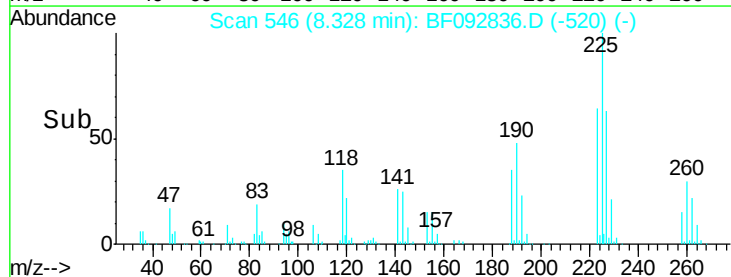
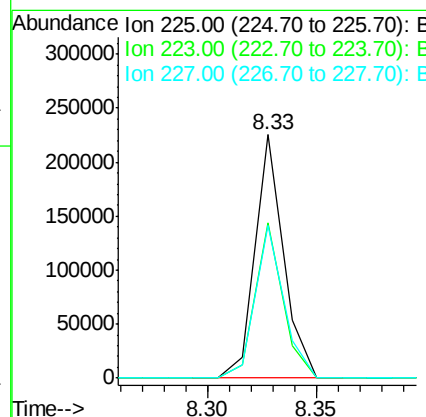
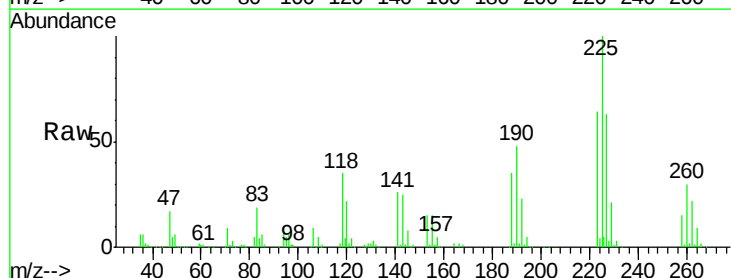
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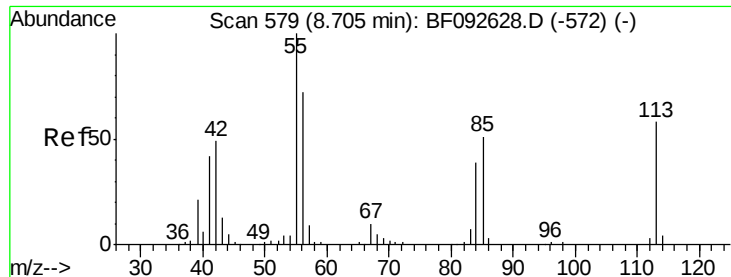
mohammad
2/8/2017 10:43:10 AM



#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.0	76.6		
227	63.0	50.6	76.0		





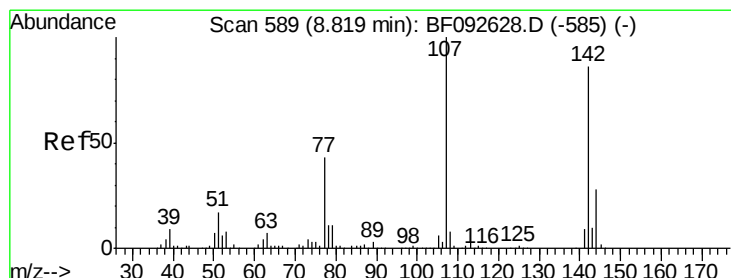
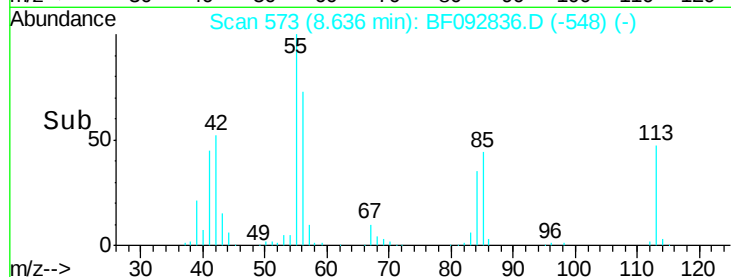
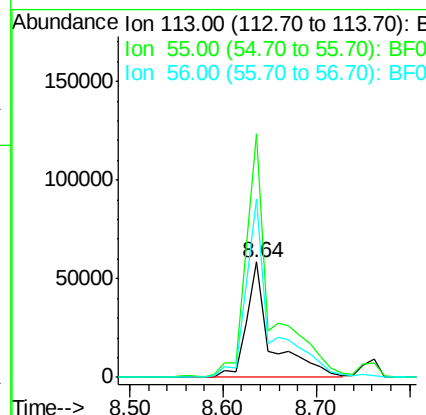
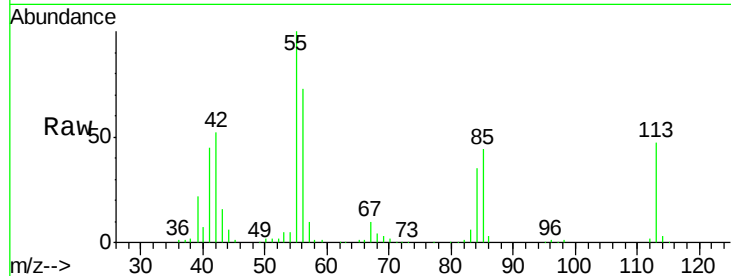
#35
Caprolactam
Concen: 40.10 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.1	119.2	159.2#
56	155.1	83.8	123.8#

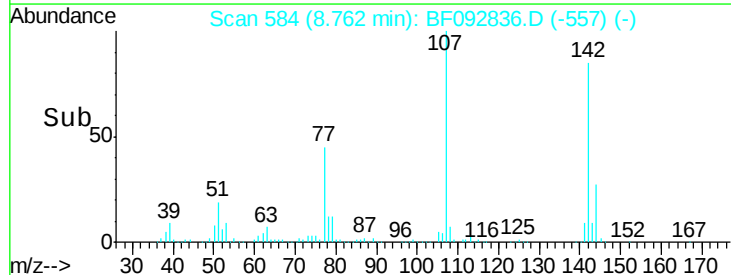
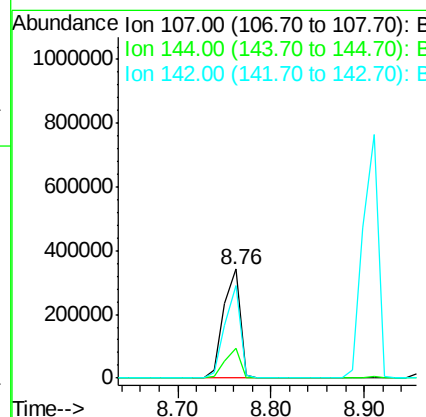
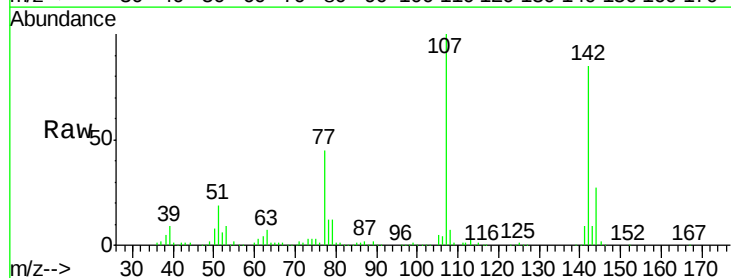
Manual Integrations
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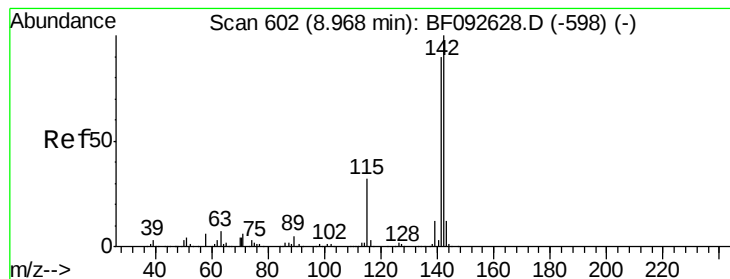
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.25 ng
RT: 8.76 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.3	28.9
142	84.7	59.0	88.6





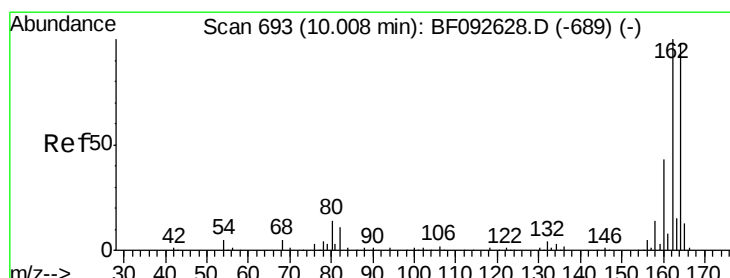
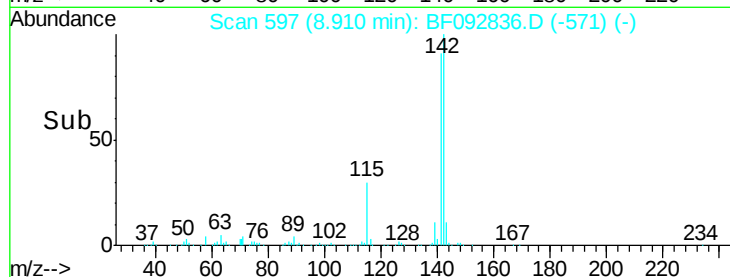
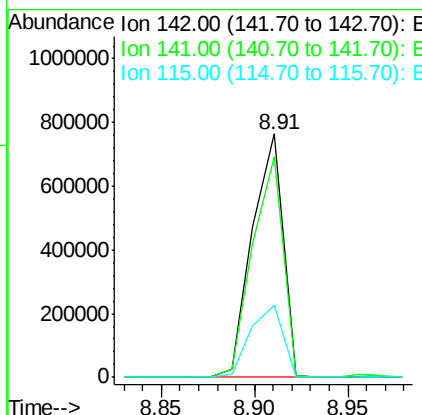
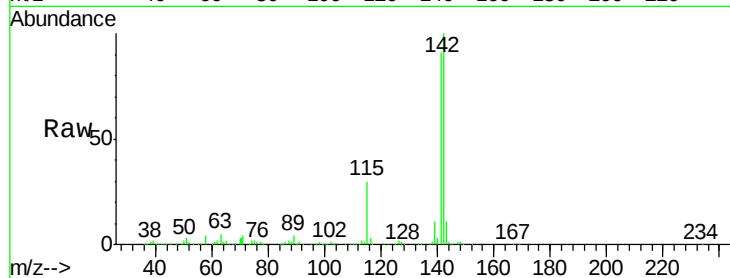
#37
2-Methylnaphthalene
Concen: 44.82 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	29.6	28.3	42.5

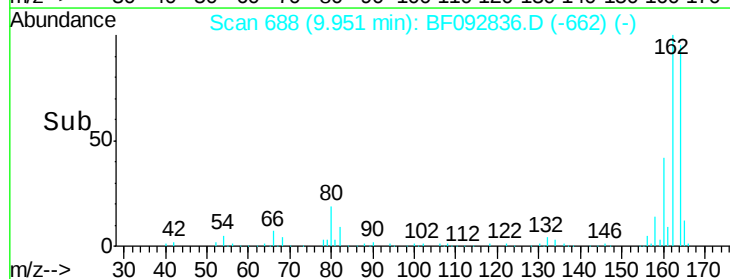
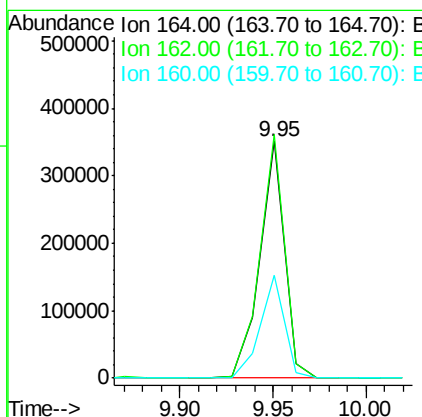
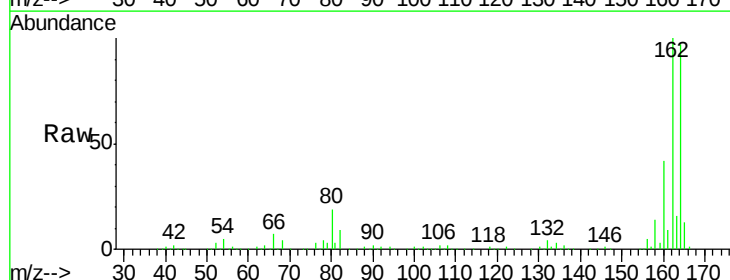
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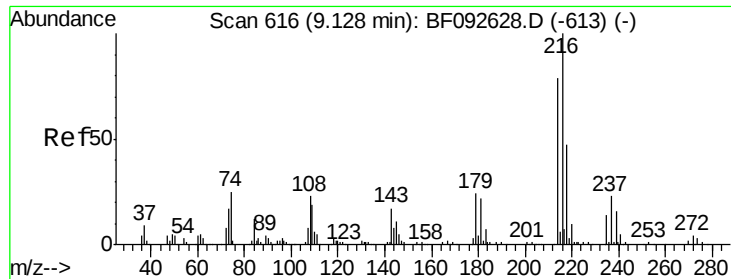
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	43.2	36.9	55.3





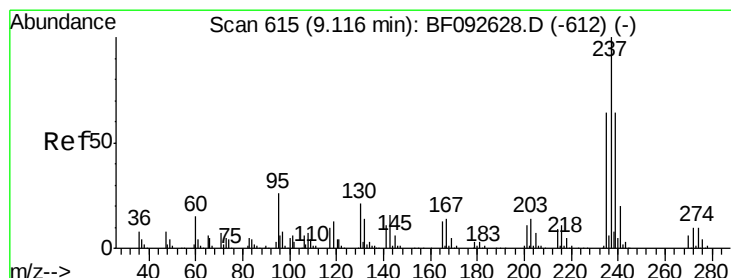
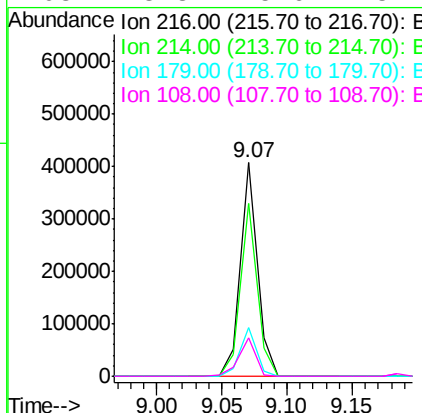
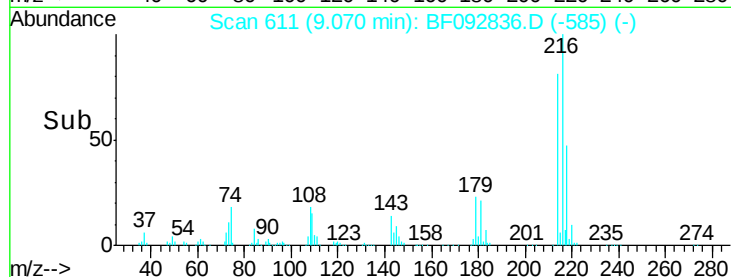
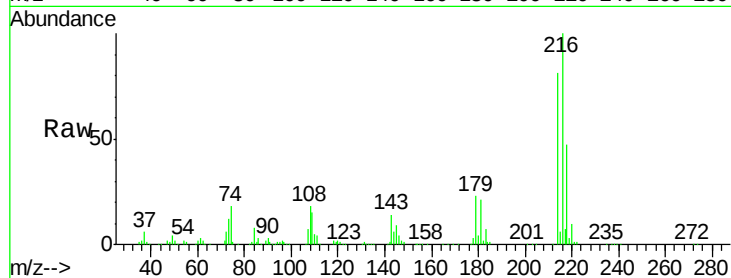
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.75 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.6	63.4	95.0		
179	22.2	17.4	26.2		
108	18.3	15.6	23.4		

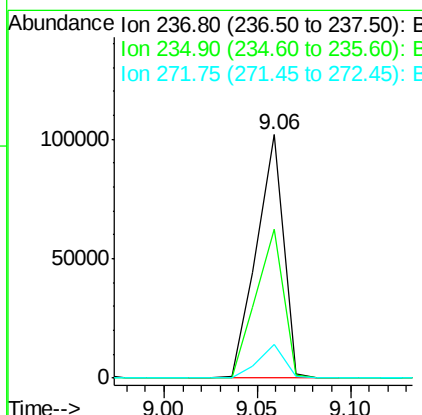
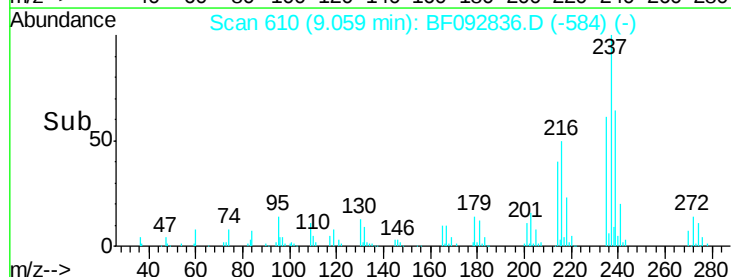
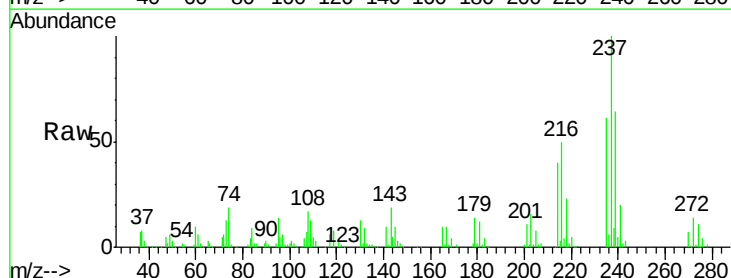
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#40
 Hexachlorocyclopentadiene
 Concen: 25.31 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.3	41.2	81.2		
272	13.7	0.0	35.4		





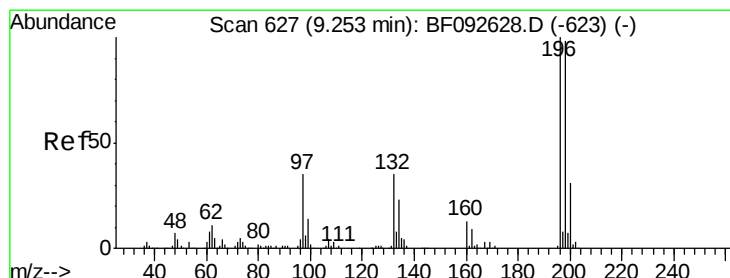
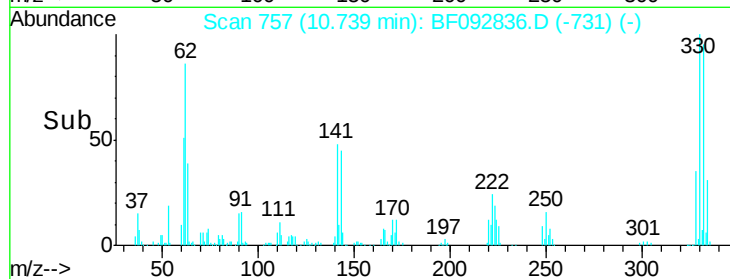
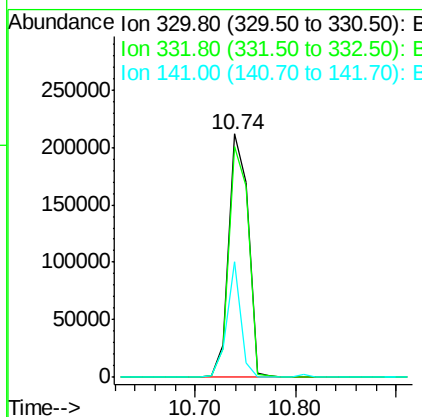
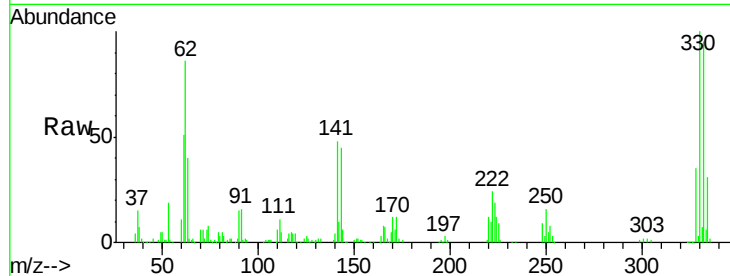
#41
 2,4,6-Tribromophenol
 Concen: 124.25 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	286701		
332	95.6		77.4	116.2
141	33.9		34.1	51.1#

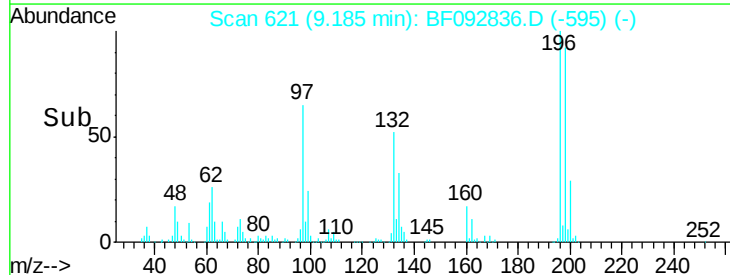
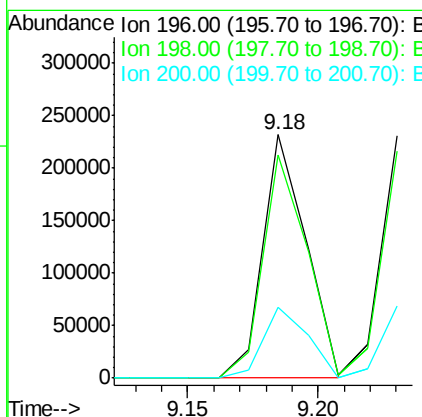
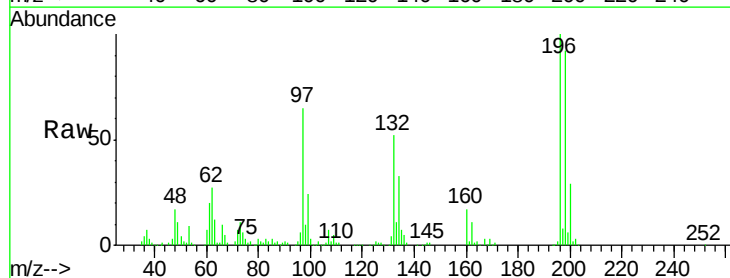
Manual Integrations
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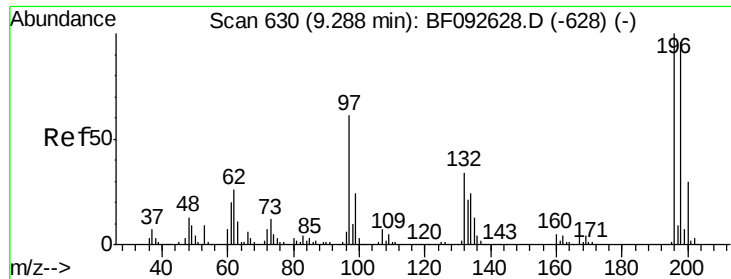
mohammad
 2/8/2017 10:43:10 AM



#42
 2,4,6-Trichlorophenol
 Concen: 44.89 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264154		
198	91.8		82.1	123.1
200	29.0		27.0	40.4





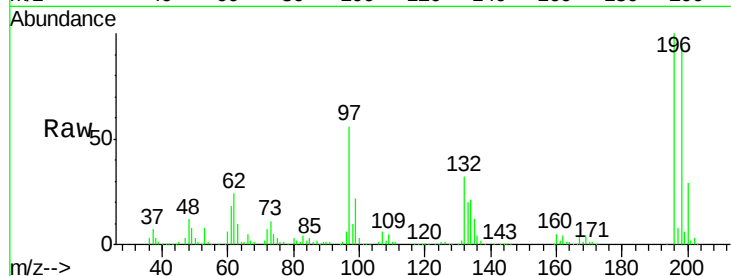
#43
 2,4,5-Trichlorophenol
 Concen: 42.41 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

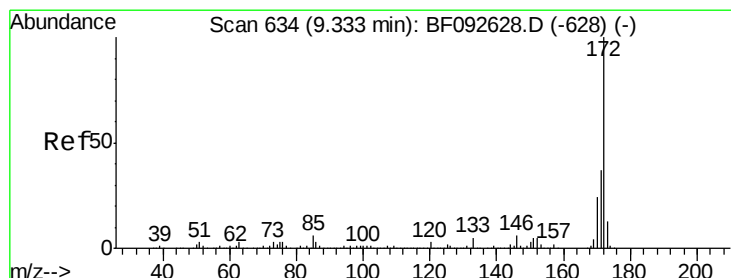
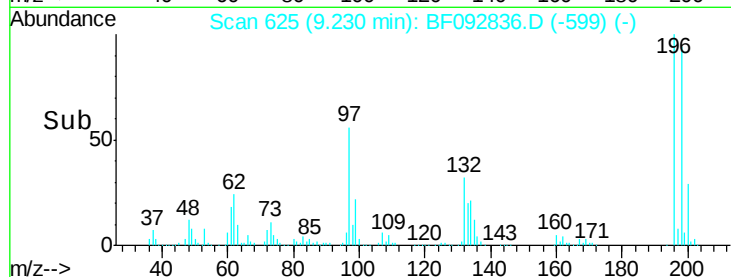
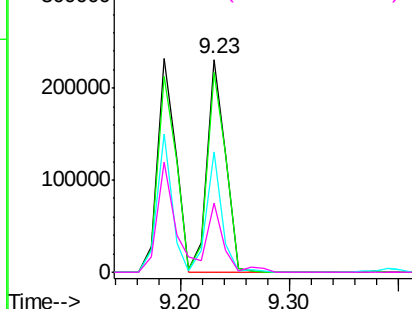
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		273455		
198	93.7	79.4	119.2		
97	56.4	51.5	77.3		
132	32.5	27.4	41.2		

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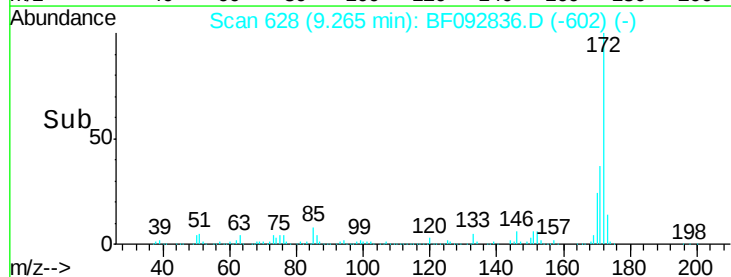
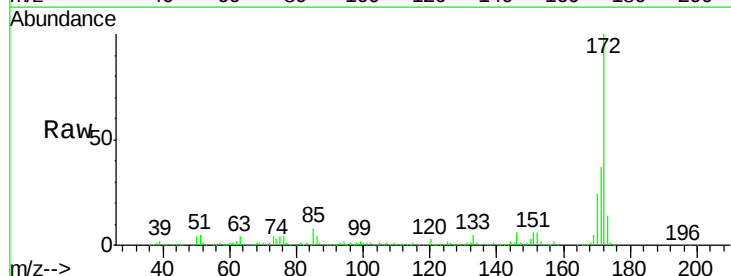
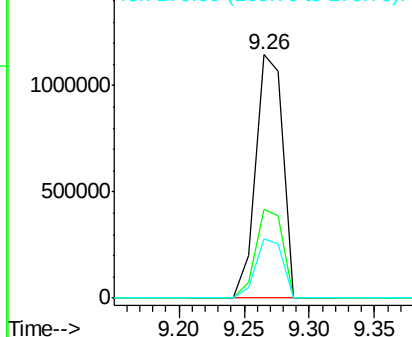
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.45 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1663385		
171	36.6	29.4	44.0		
170	24.4	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





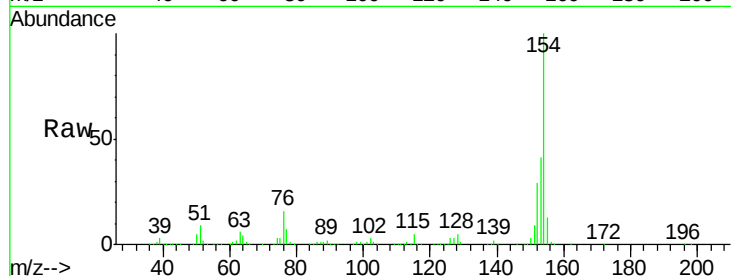
#45
1,1'-Biphenyl
Concen: 40.94 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	20.9	60.9	
76	15.7	0.0	30.5	

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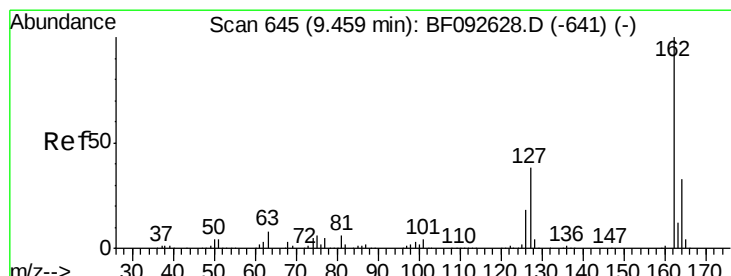
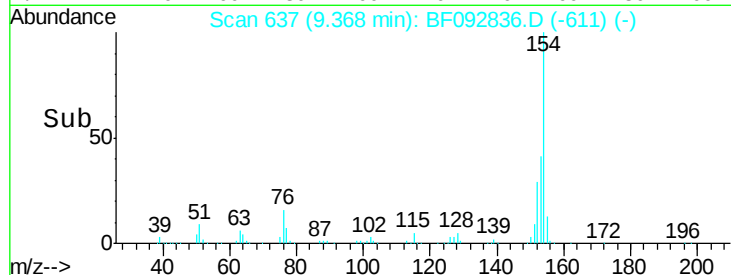
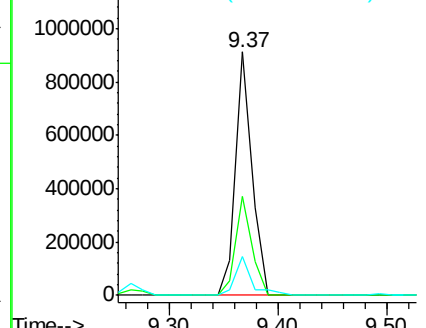


Abundance

Ion 154.00 (153.70 to 154.70): E

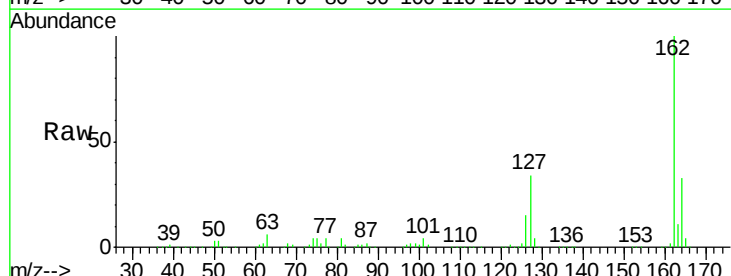
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 44.66 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	33.9	30.7	46.1	
164	33.2	27.6	41.4	

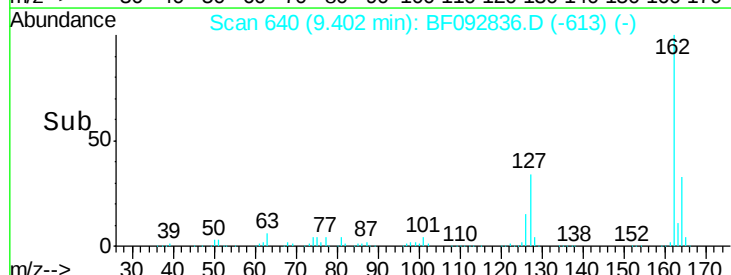
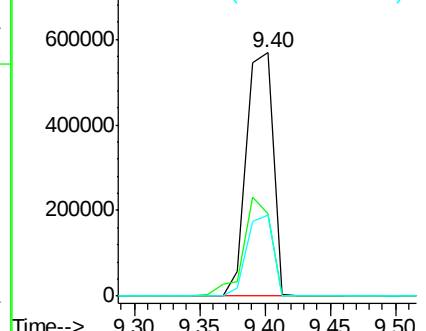


Abundance

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





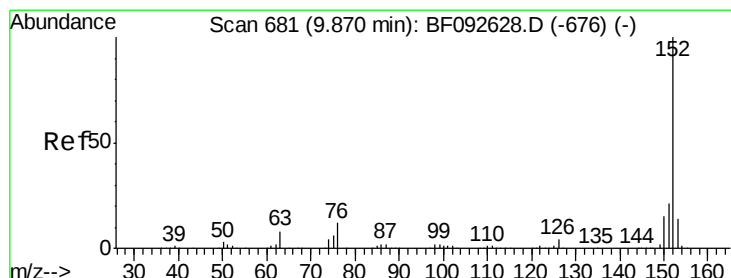
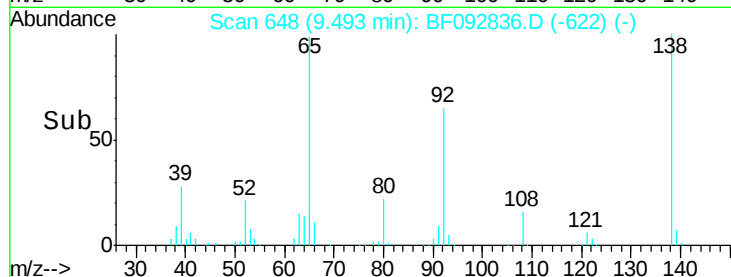
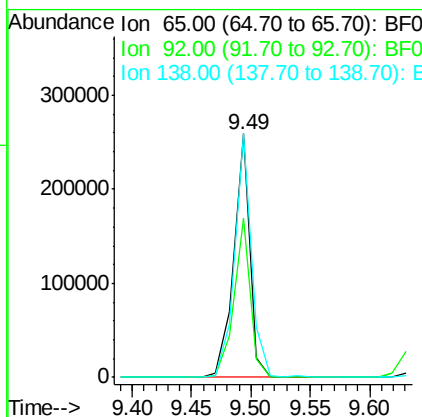
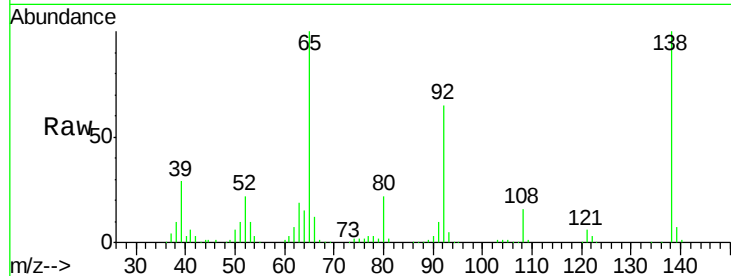
#47
2-Nitroaniline
Concen: 40.41 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.9	80.9
138	100.0	76.8	115.2

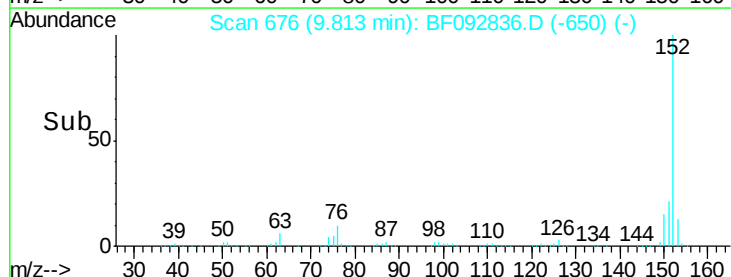
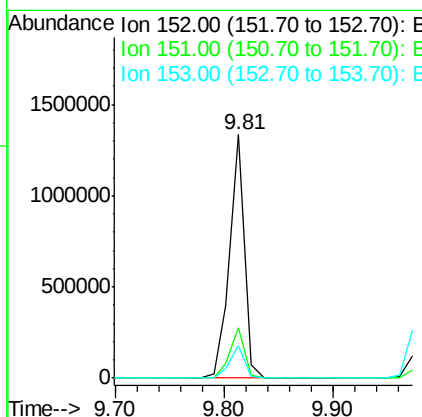
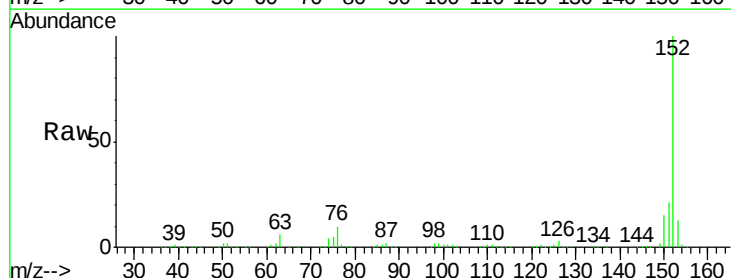
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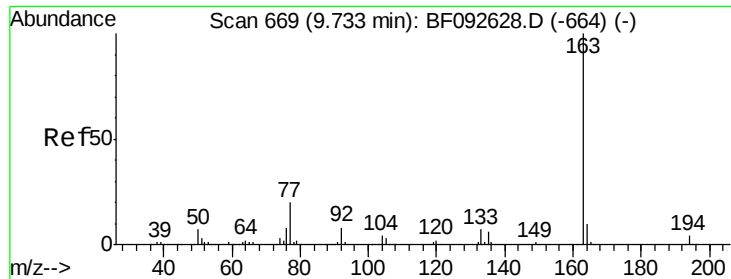
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#48
Acenaphthylene
Concen: 40.28 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.4	11.4	17.2





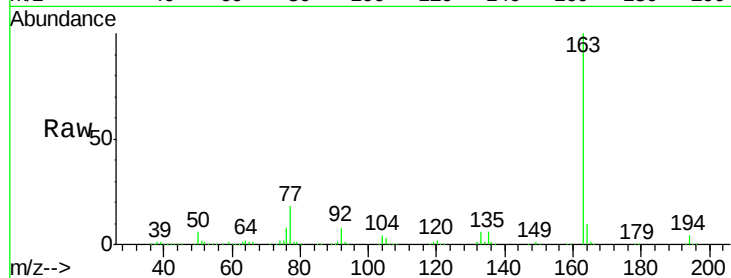
#49
Dimethylphthalate
Concen: 48.44 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

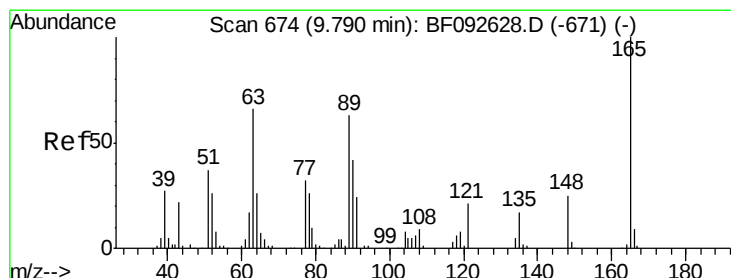
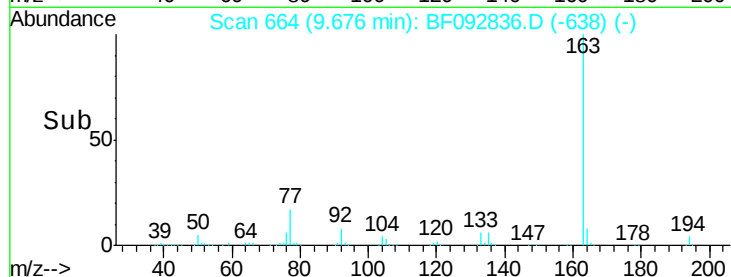
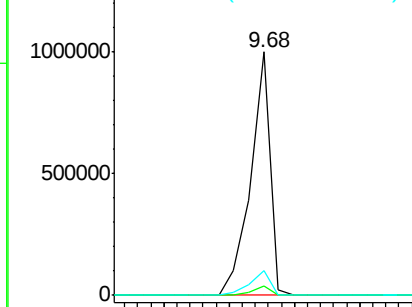
Tot Ion:163 Resp: 1040863
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 8.0 12.0

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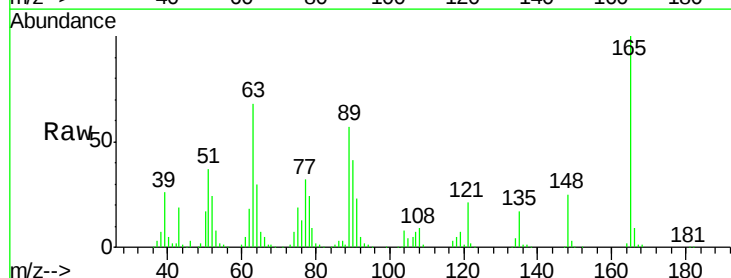


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

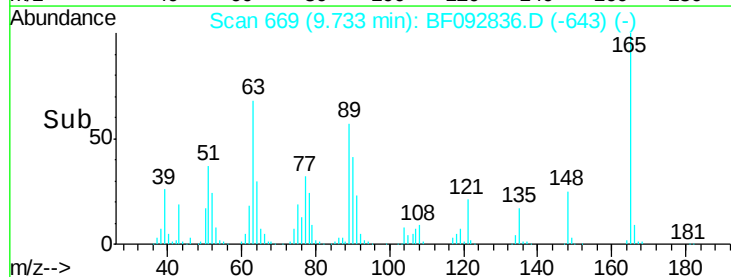
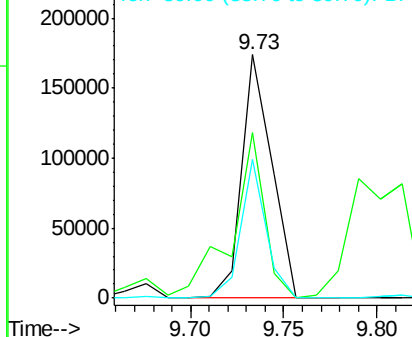


#50
2,6-Dinitrotoluene
Concen: 41.84 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion:165 Resp: 194197
Ion Ratio Lower Upper
165 100
63 67.7 36.2 54.4#
89 57.1 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: 41.76 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092836.D

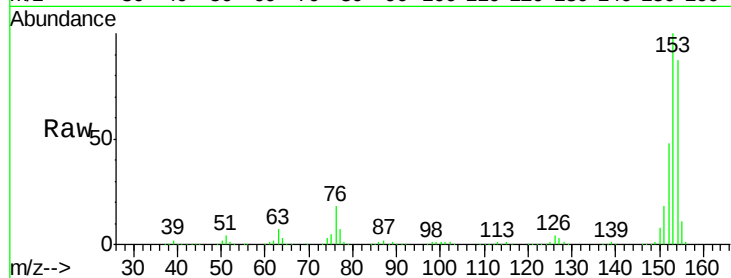
Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

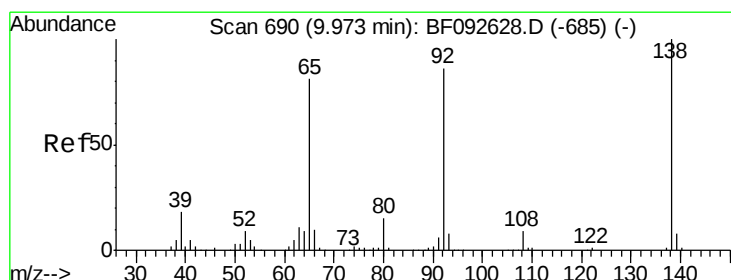
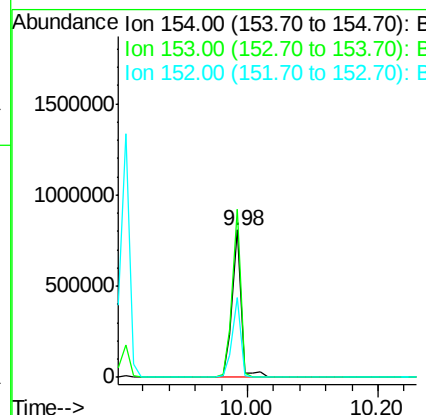
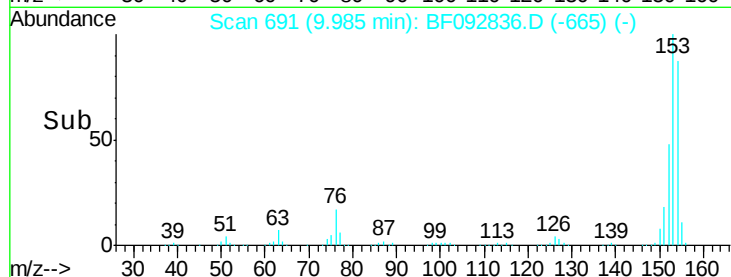
ROLL-OFF-15-40-COMPMS



Tot Ion:	154	Resp:	779445
Ion Ratio	Lower	Upper	
154	100		
153	114.3	88.6	133.0
152	54.4	41.6	62.4

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#52

3-Nitroaniline

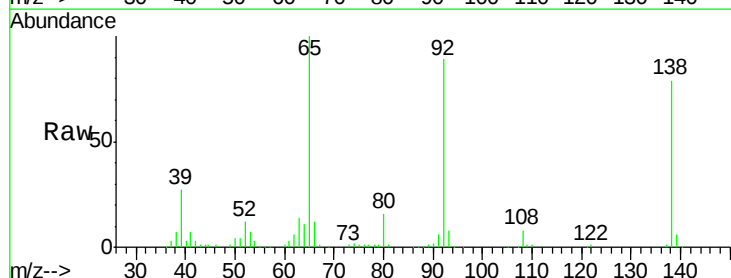
Concen: 21.55 ng

RT: 9.90 min Scan# 684

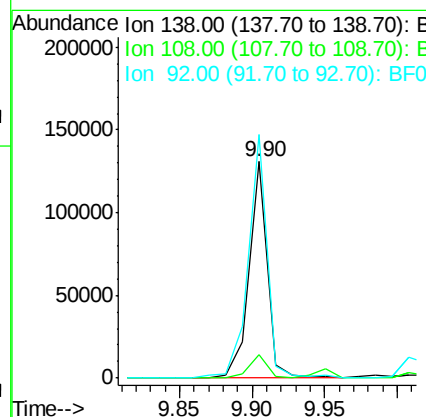
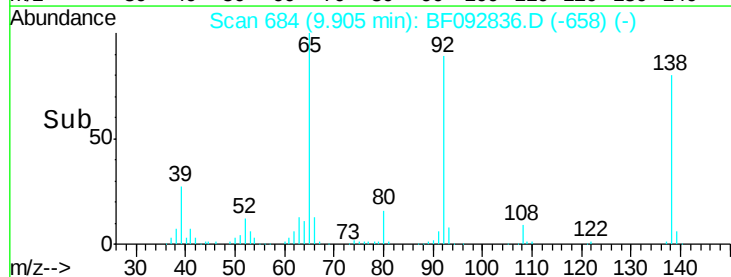
Delta R.T. 0.00 min

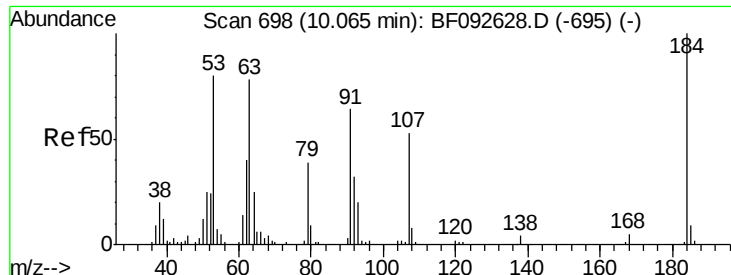
Lab File: BF092836.D

Acq: 7 Feb 2017 18:56



Tgt Ion:	138	Resp:	114462
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.5	12.7
92	112.4	97.8	146.8





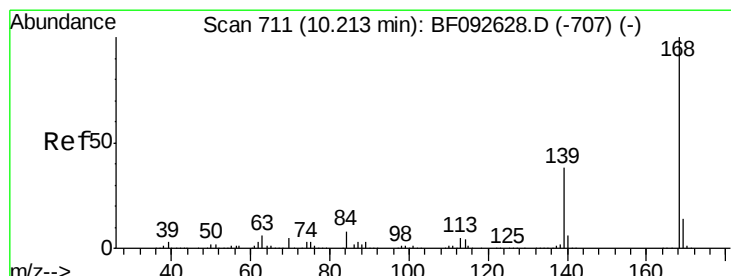
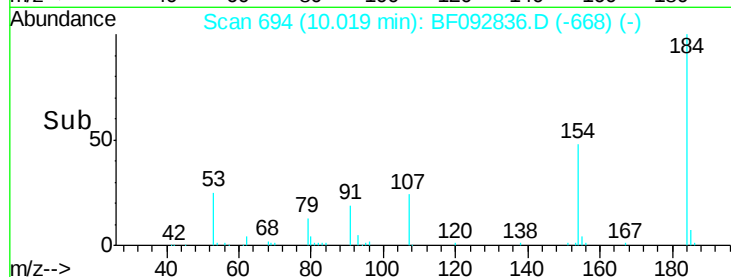
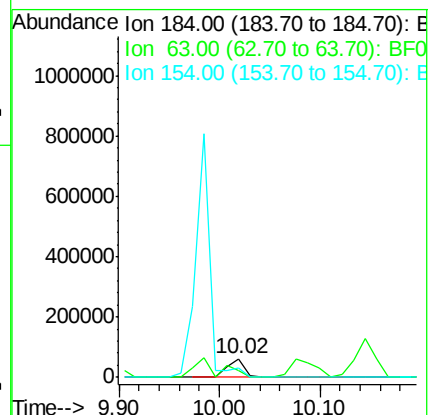
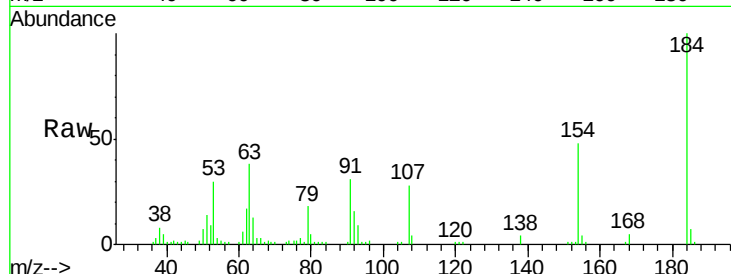
#53
2,4-Dinitrophenol
Concen: 34.06 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	37.5	28.4	42.6
154	48.4	44.3	66.5

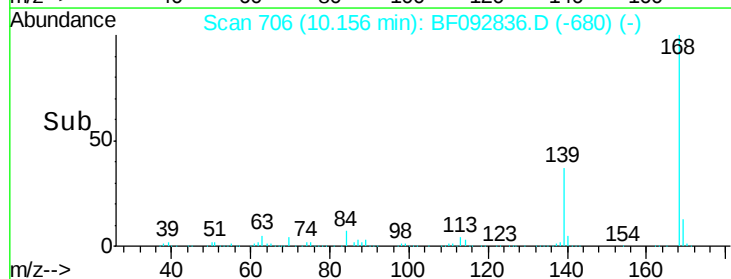
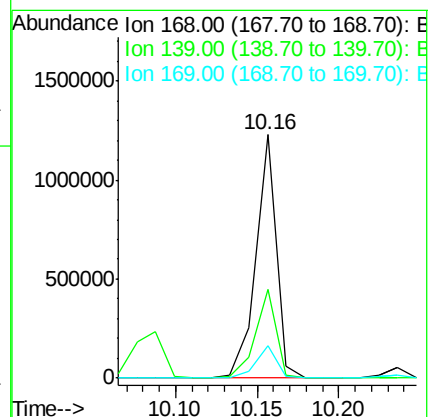
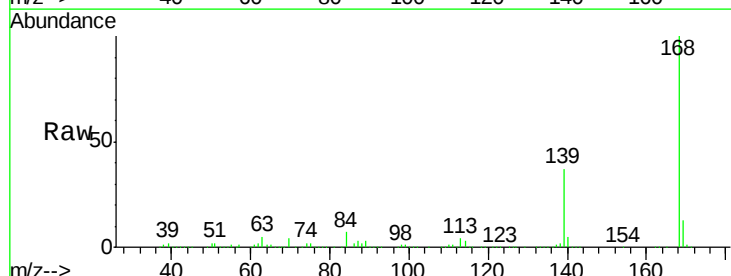
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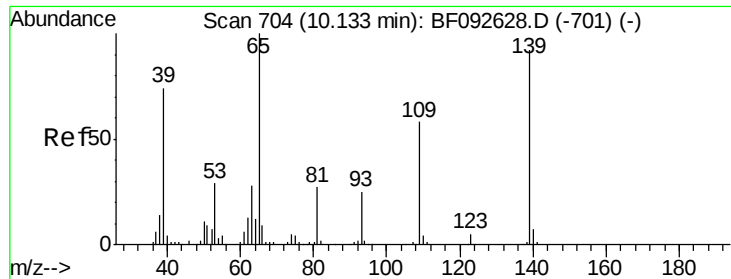
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#54
Dibenzofuran
Concen: 42.82 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	32.6	49.0
169	13.5	11.3	16.9





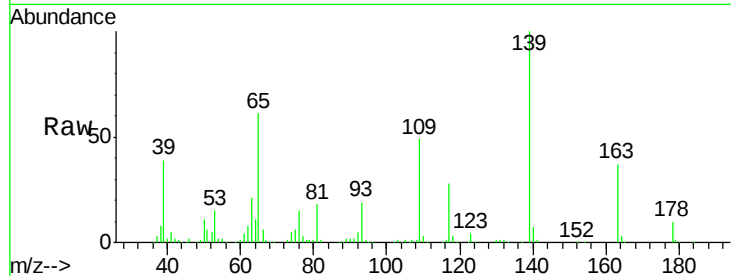
#55
4-Nitrophenol
Concen: 81.16 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	48.8	52.2	92.2#	
65	60.7	85.8	125.8#	

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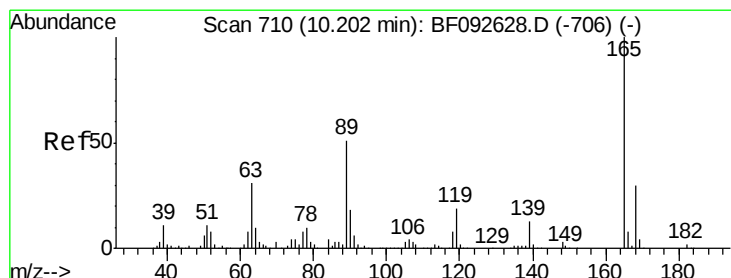
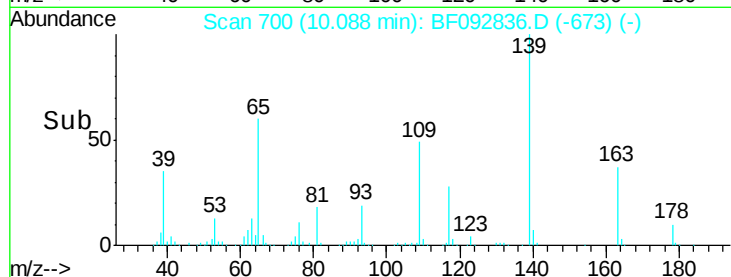
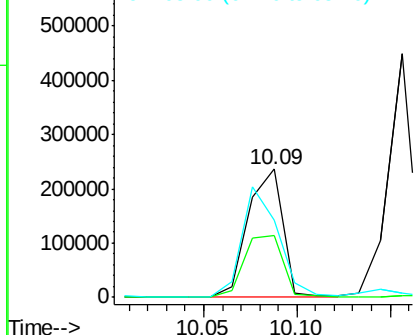


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 44.85 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.2	40.2	60.4	
89	64.6	62.5	93.7	
182	2.6	1.8	2.8	

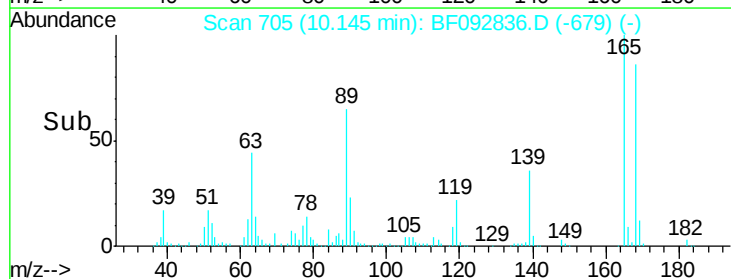
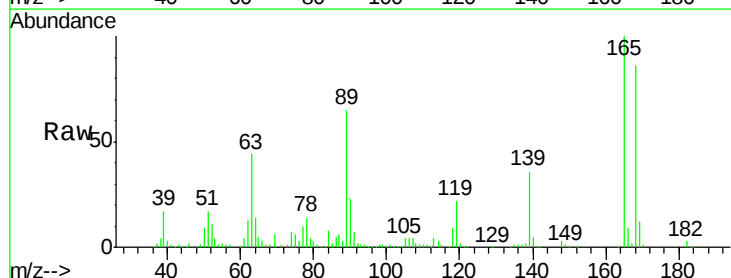
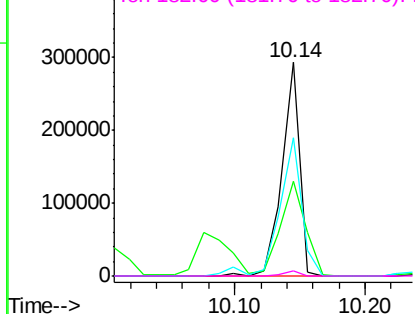
Abundance

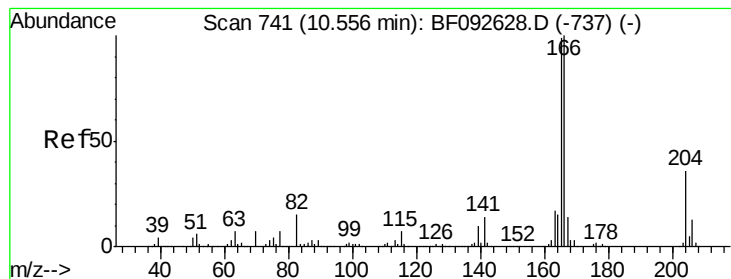
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.74 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

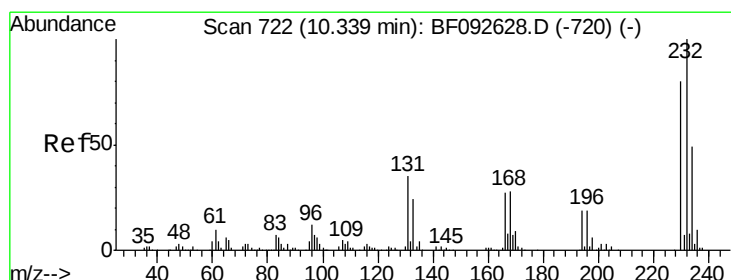
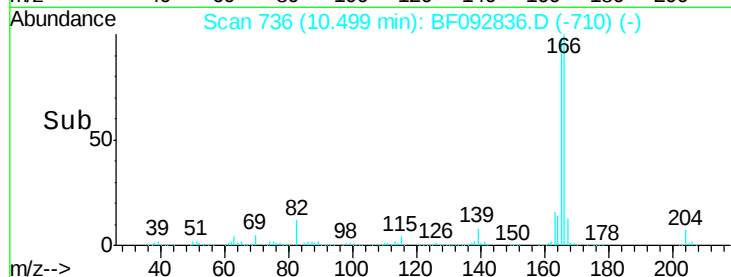
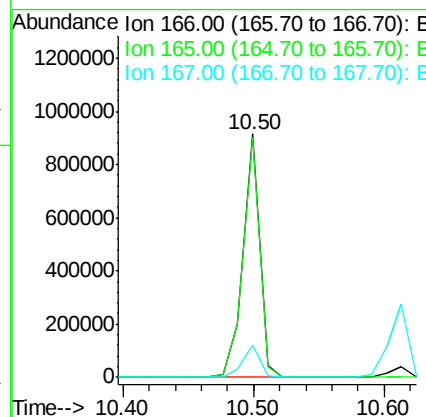
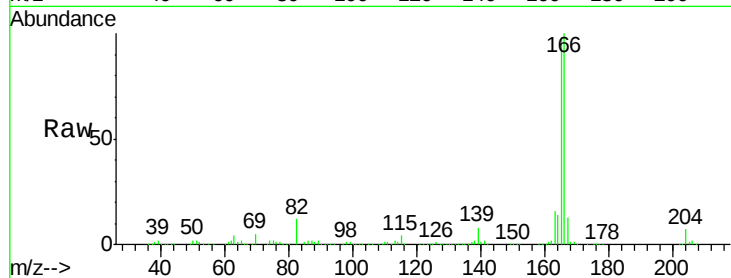
ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion:	166	Resp:	801704
Ion Ratio	Lower	Upper	
166	100		
165	98.4	77.8	116.8
167	13.4	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.62 ng

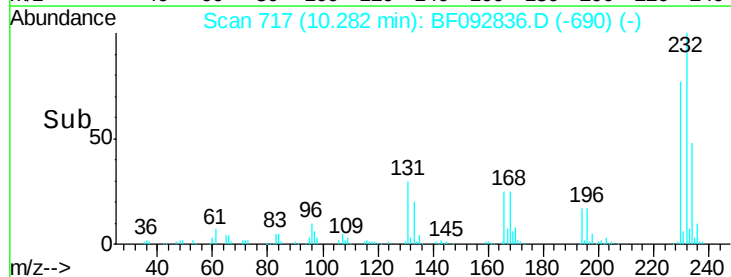
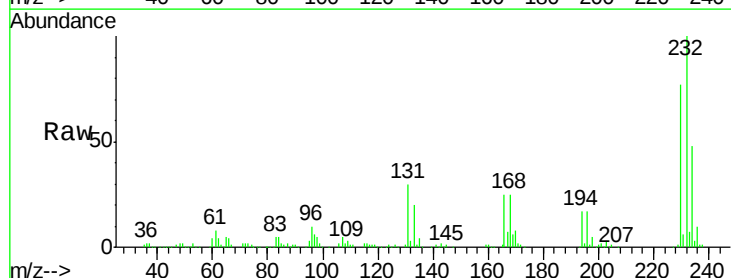
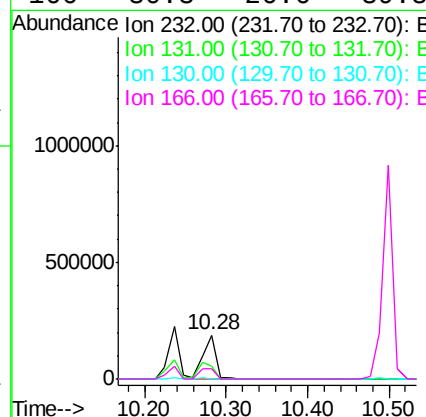
RT: 10.28 min Scan# 717

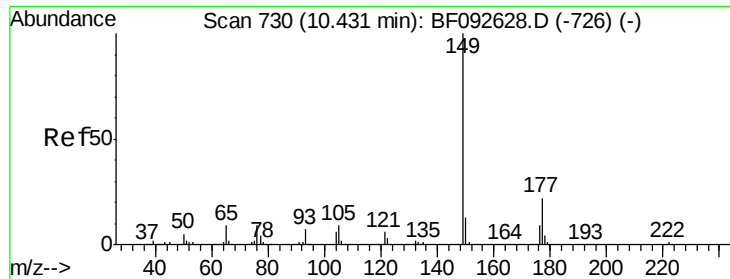
Delta R.T. 0.01 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion:	232	Resp:	209109
Ion Ratio	Lower	Upper	
232	100		
131	41.6	40.1	60.1
130	1.9	1.8	2.8
166	30.3	26.6	39.8





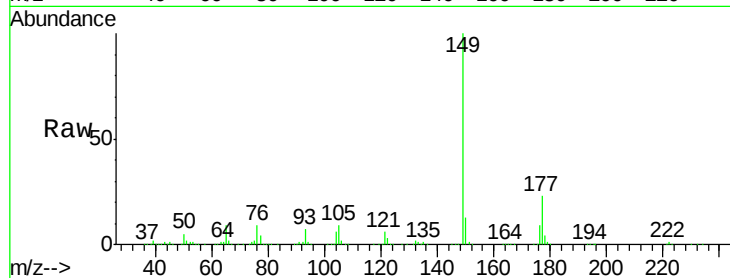
#59
Diethylphthalate
Concen: 47.03 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

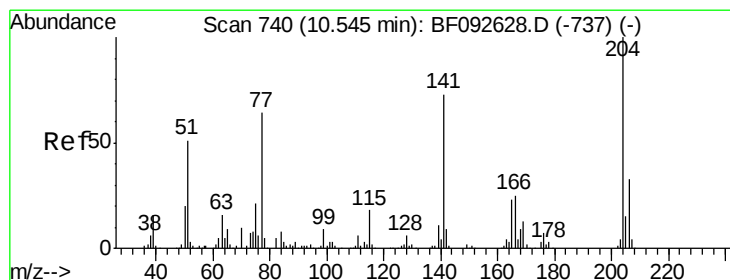
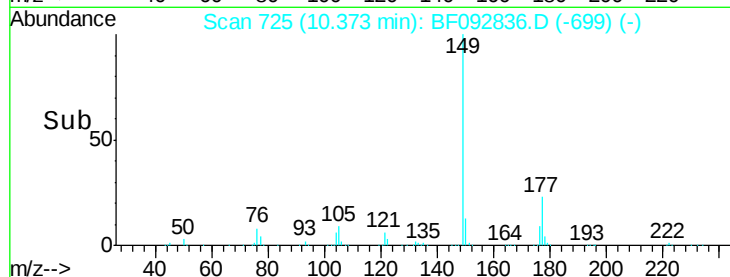
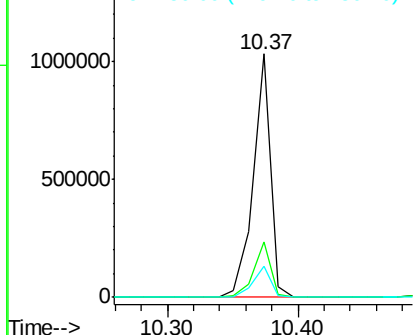
Tot Ion	Ratio	Resp	Lower	Upper
149	100	952497		
177	22.6	16.6	25.0	
150	12.8	10.4	15.6	

Manual Integrations
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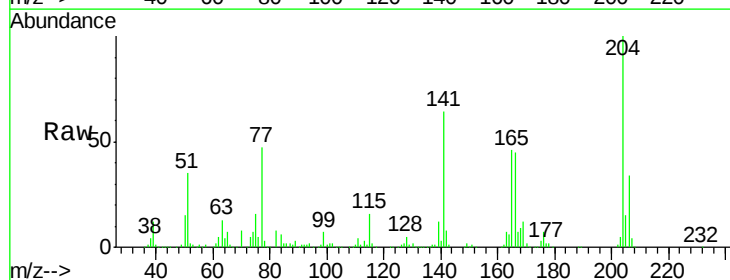


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

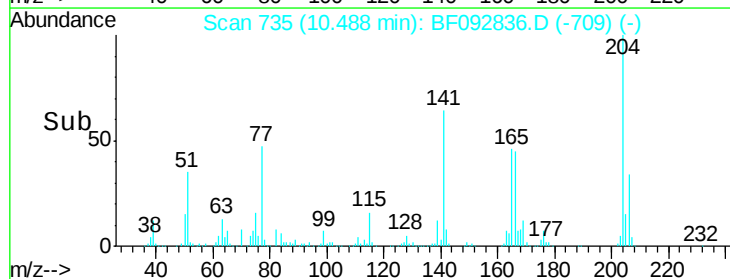
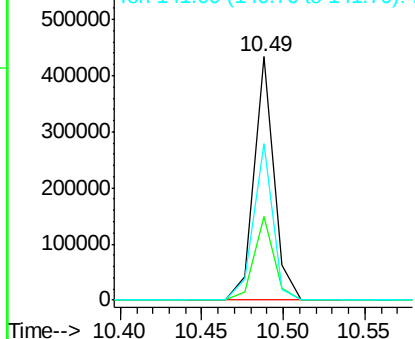


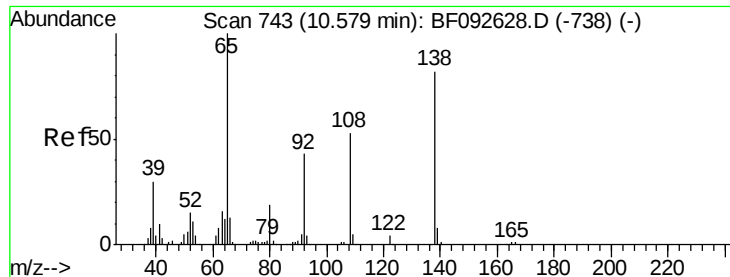
#60
4-Chlorophenyl-phenylether
Concen: 40.02 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	369247		
206	34.2	25.8	38.6	
141	64.3	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





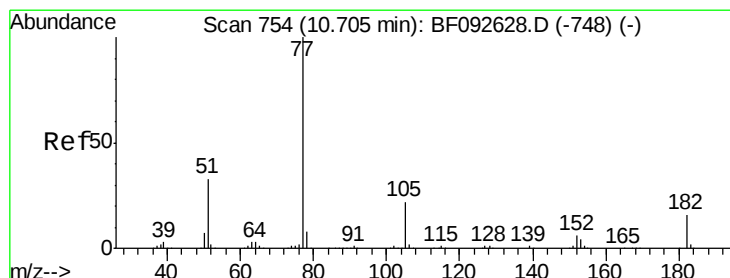
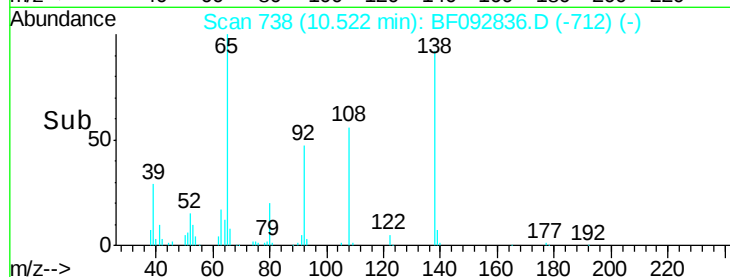
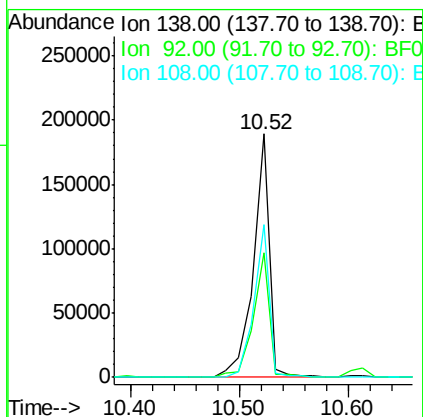
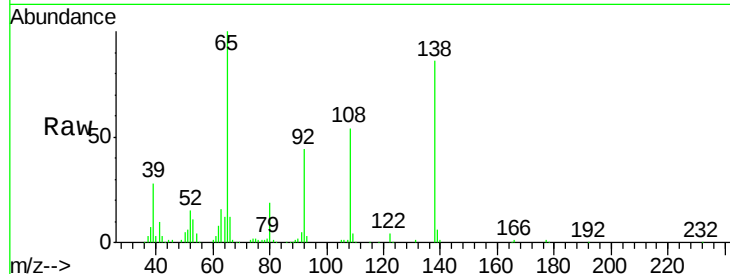
#61
4-Nitroaniline
Concen: 35.96 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.1	31.7	71.7
108	62.6	52.6	92.6

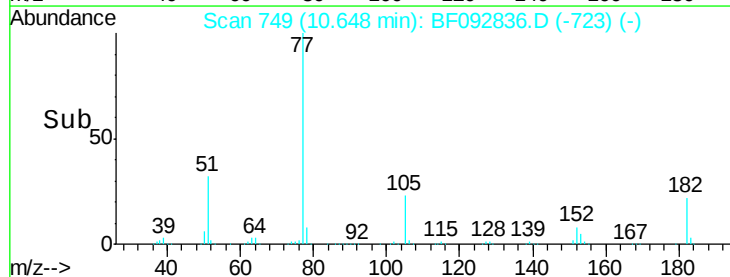
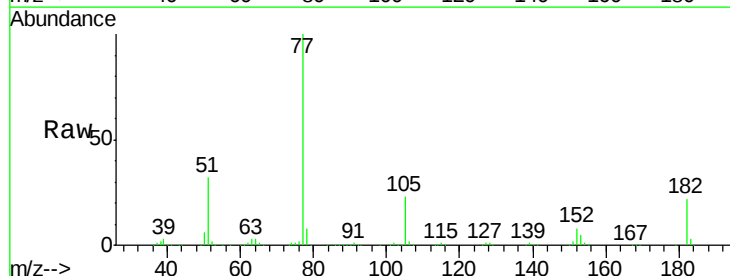
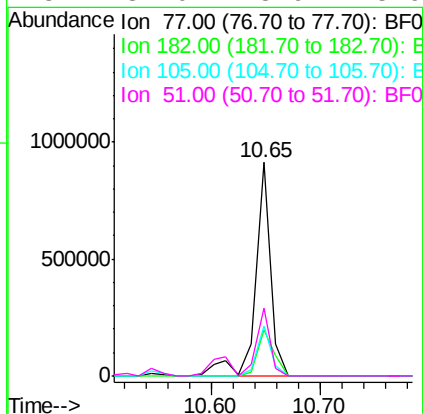
Manual Integrations
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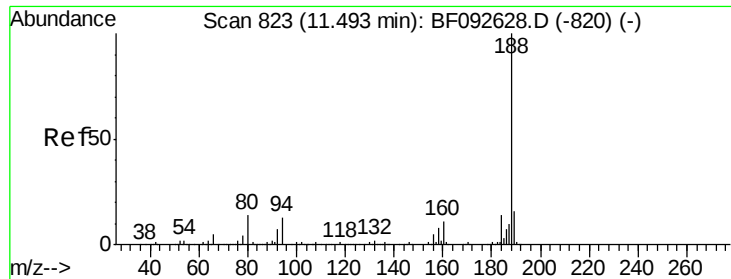
mohammad
2/8/2017 10:43:10 AM



#62
Azobenzene
Concen: 42.95 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	0.0	39.3
105	23.4	2.3	42.3
51	32.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion:188 Resp: 436349

Ion Ratio Lower Upper

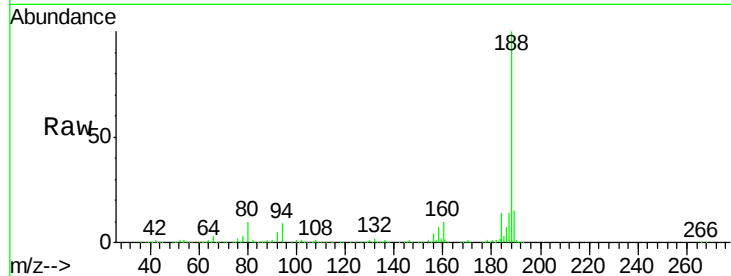
188 100

94 9.3 10.0 15.0#

80 9.6 11.2 16.8#

Manual Integrations
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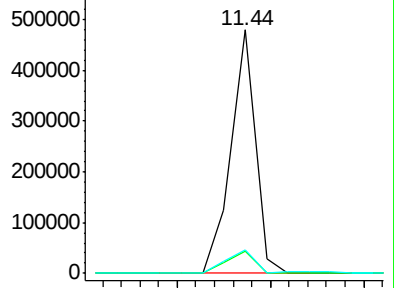
mohammad
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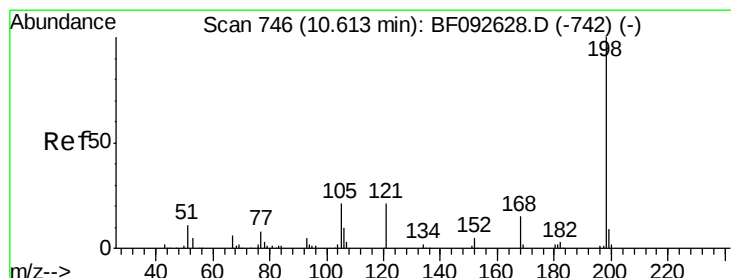
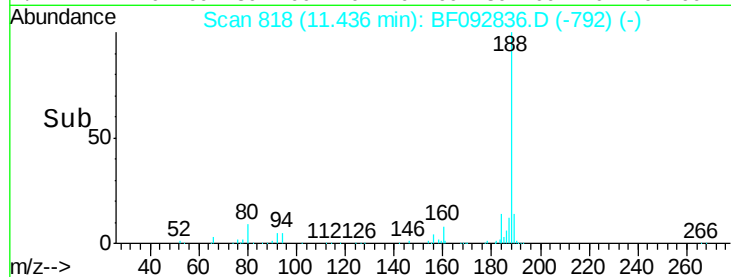
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 23.10 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

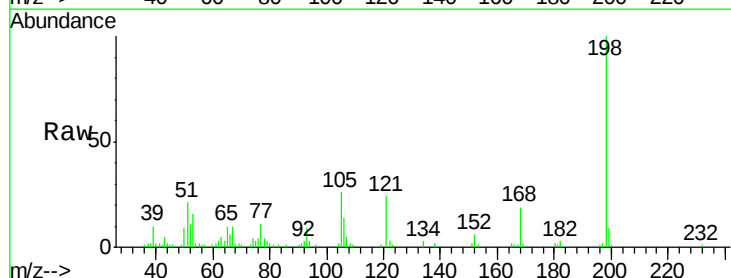
Tgt Ion:198 Resp: 57465

Ion Ratio Lower Upper

198 100

51 20.7 6.7 46.7

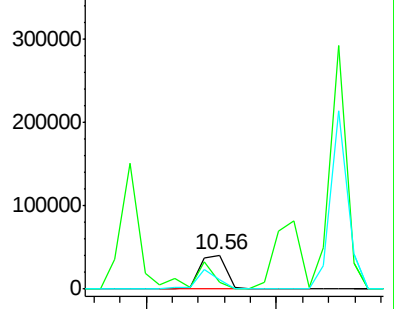
105 25.7 16.6 56.6



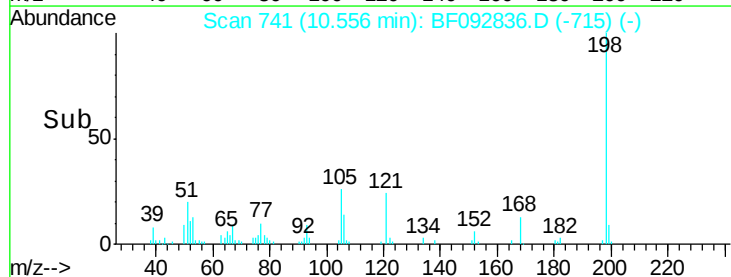
Abundance Ion 198.00 (197.70 to 198.70): E

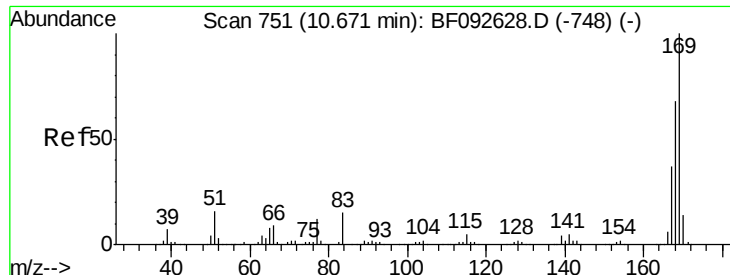
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 54.89 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

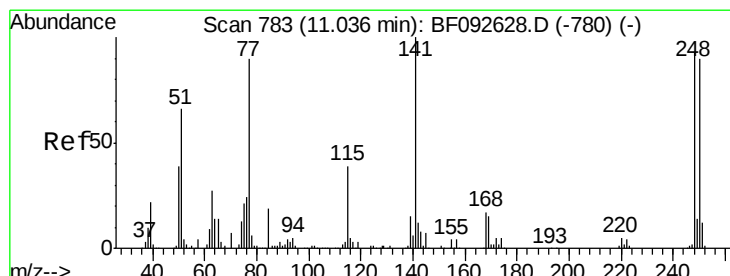
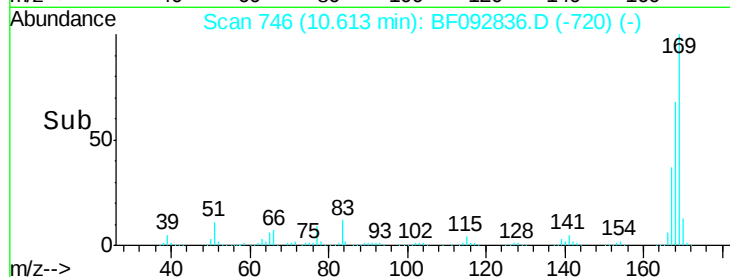
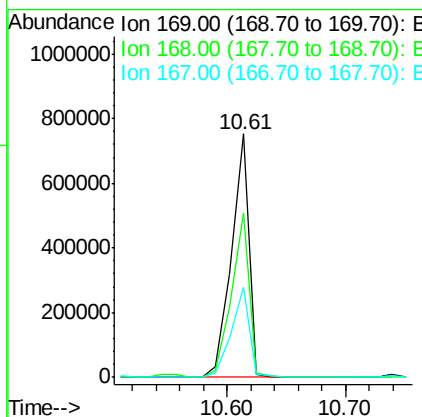
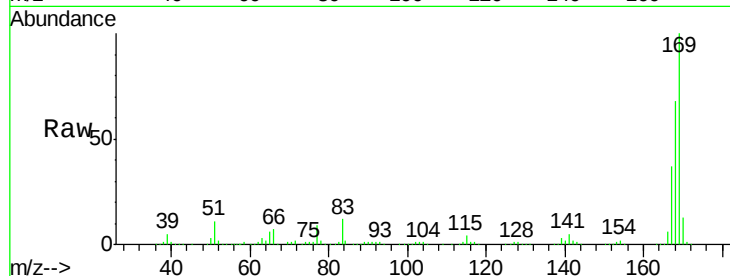
ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion:	169	Resp:	765125
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.2	81.2
167	36.9	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 49.23 ng

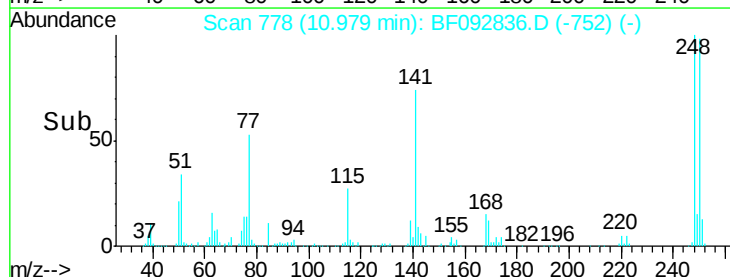
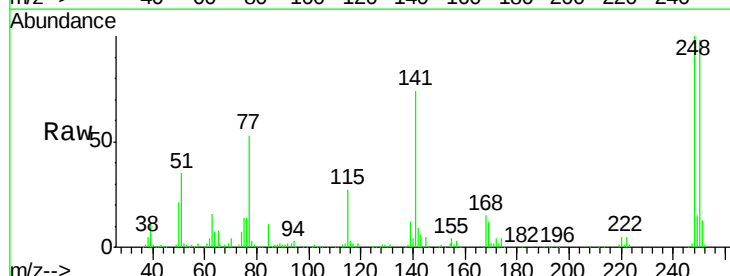
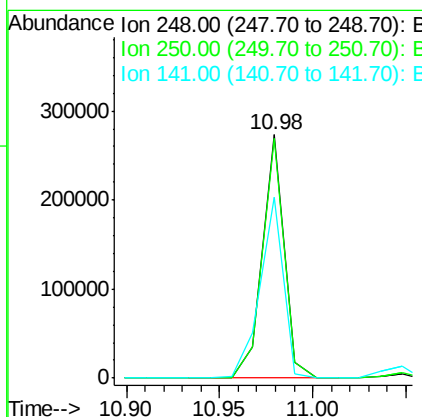
RT: 10.98 min Scan# 778

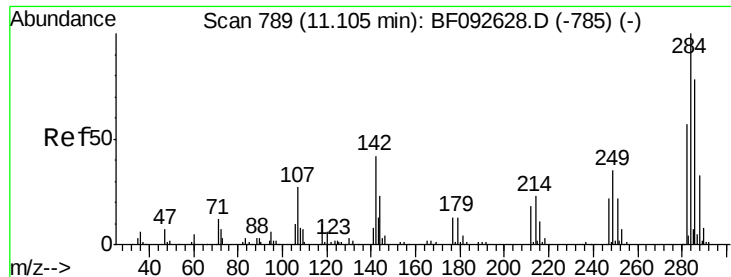
Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion:	248	Resp:	224409
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.9	115.3
141	74.2	68.2	102.4





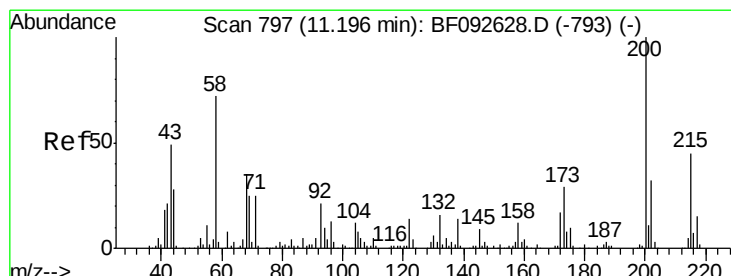
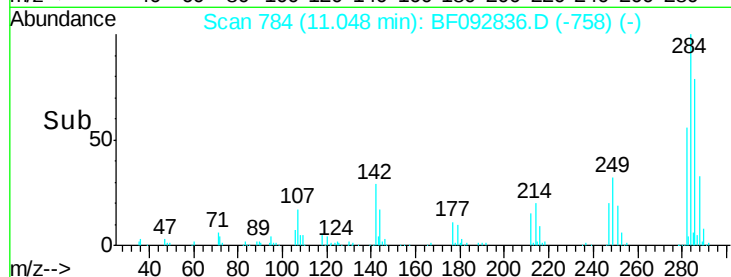
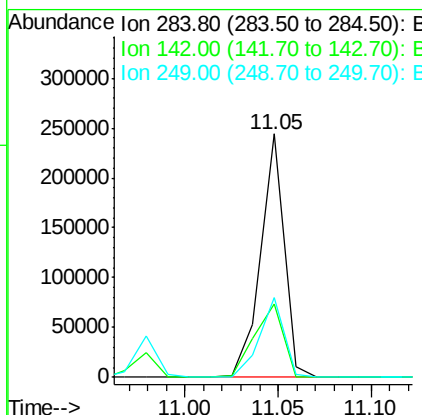
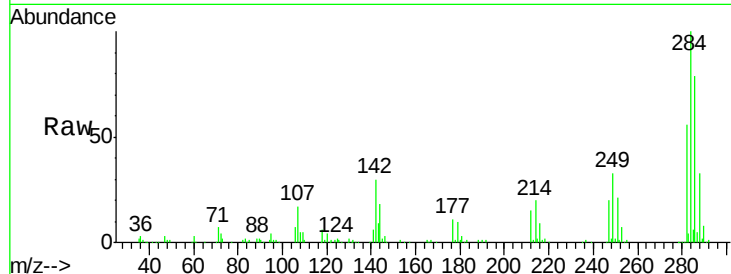
#67
Hexachlorobenzene
Concen: 47.11 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	212233		
142	30.1	22.6	33.8	
249	33.0	25.4	38.0	

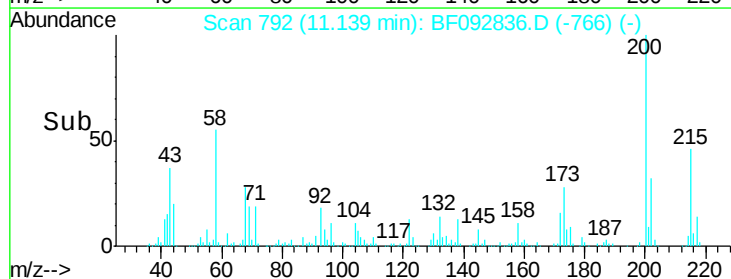
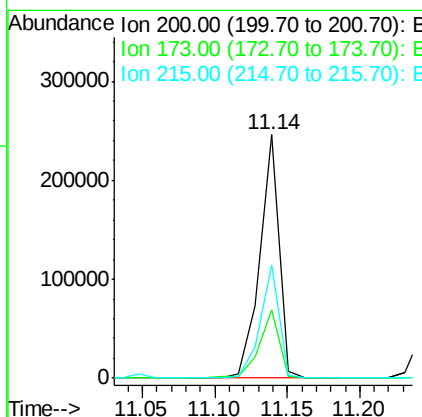
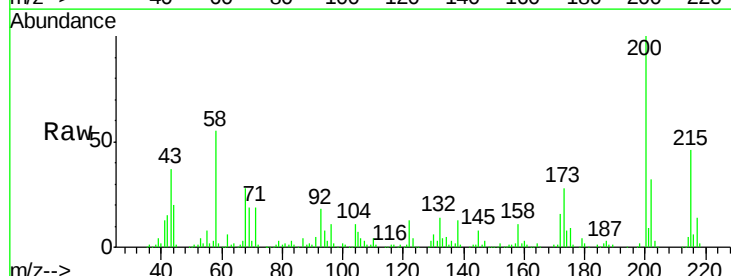
Manual Integrations
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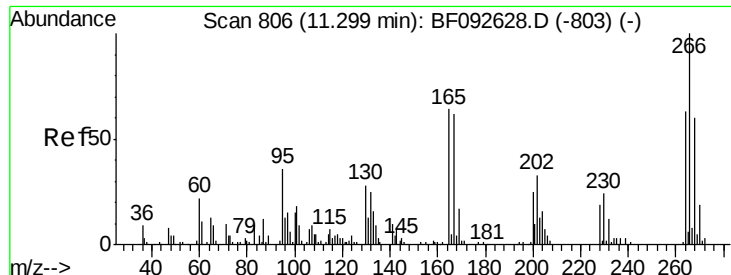
mohammad
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#68
Atrazine
Concen: 50.73 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	226915		
173	27.9	9.6	49.6	
215	46.2	25.7	65.7	





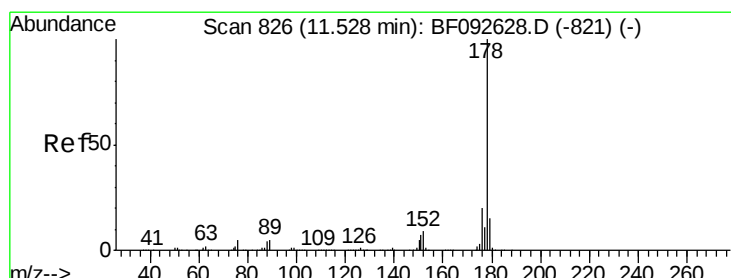
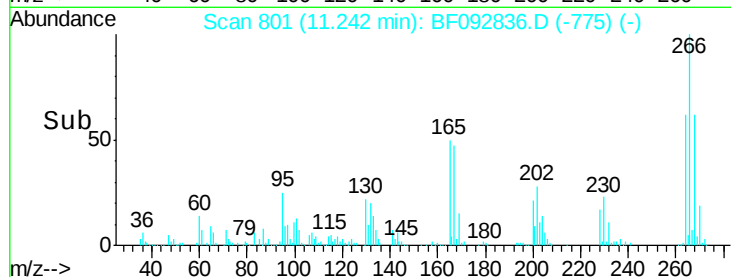
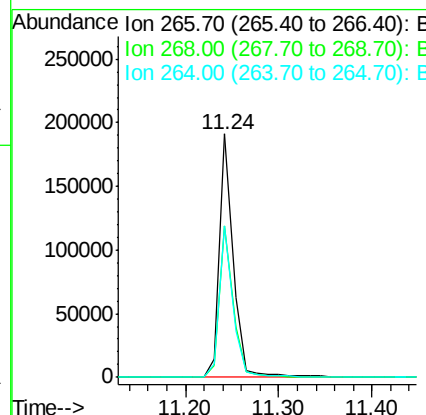
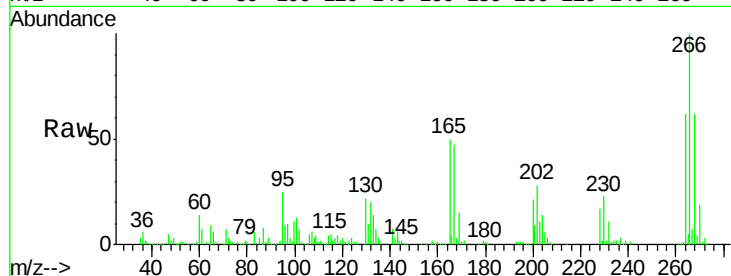
#69
 Pentachlorophenol
 Concen: 84.58 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	53.3	79.9
264	62.1	50.3	75.5

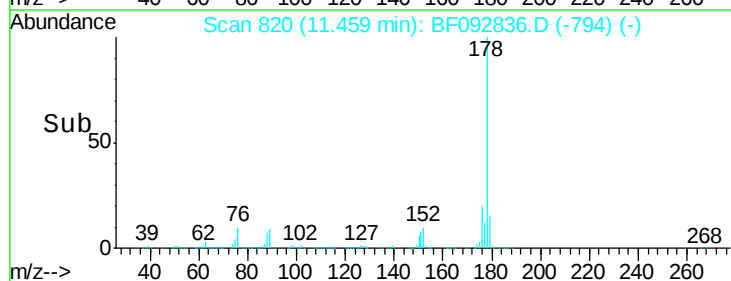
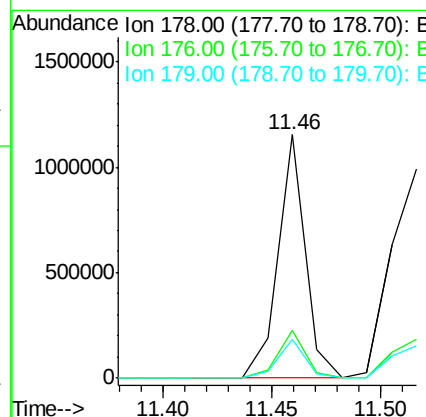
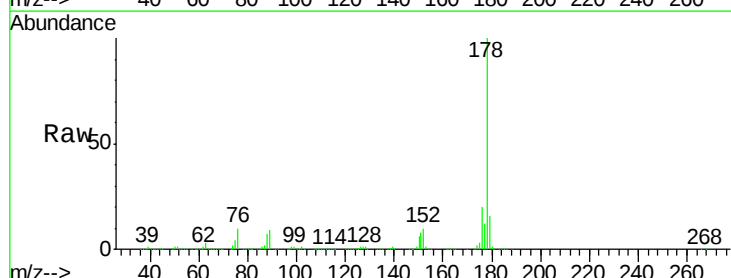
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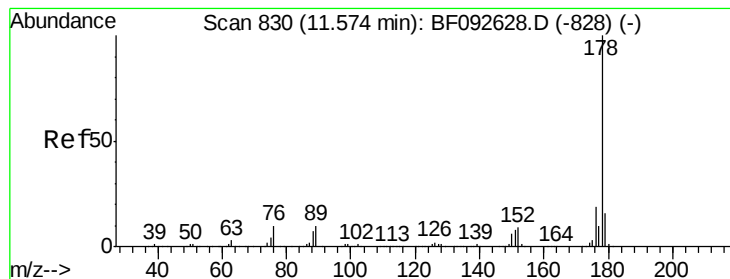
mohammad
 2/8/2017 10:43:10 AM



#70
 Phenanthrene
 Concen: 40.74 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.9	12.8	19.2





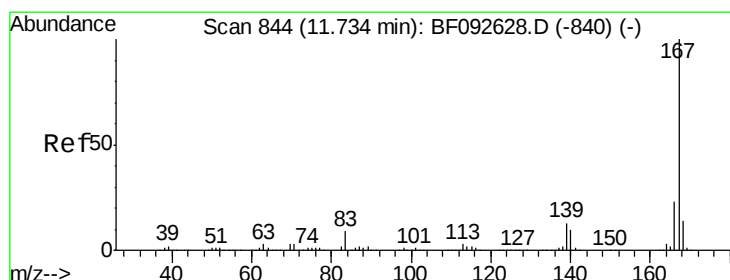
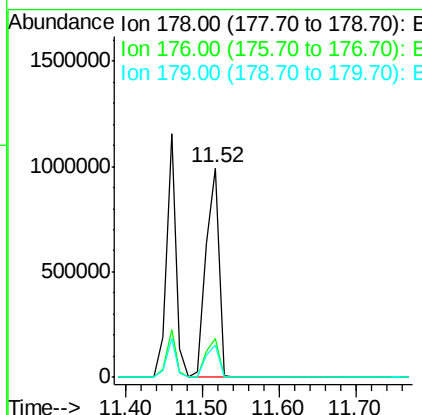
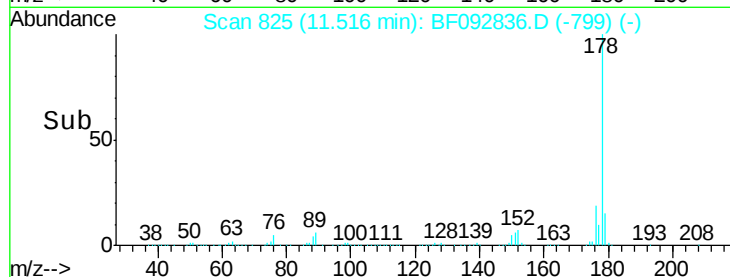
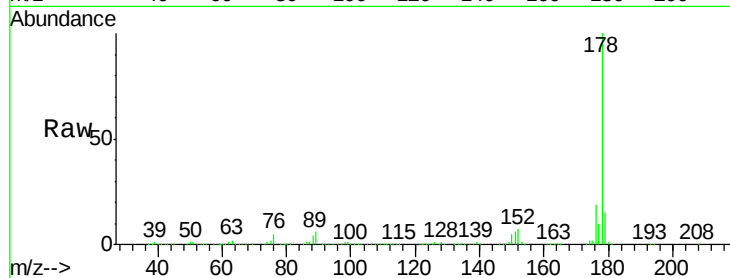
#71
 Anthracene
 Concen: 45.69 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion:178 Resp: 1146920
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.9 23.9
 179 15.2 13.2 19.8

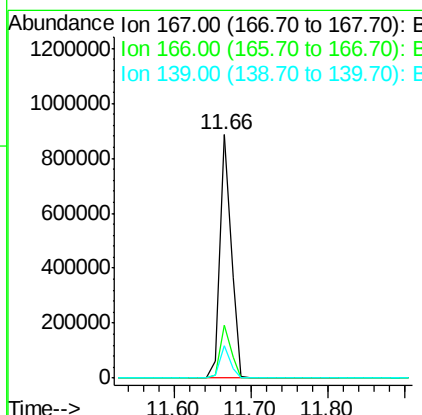
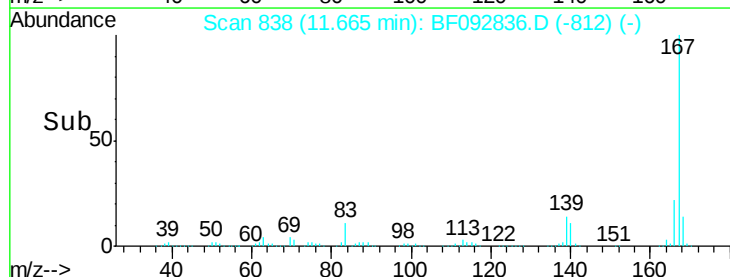
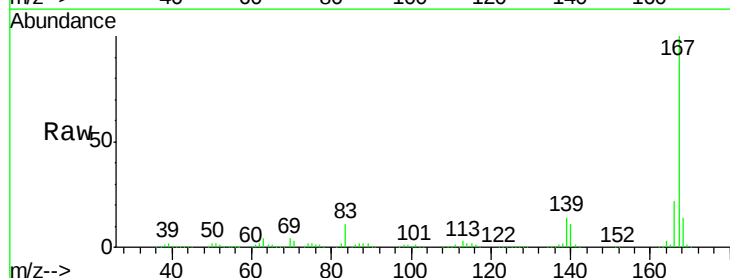
Manual Integrations
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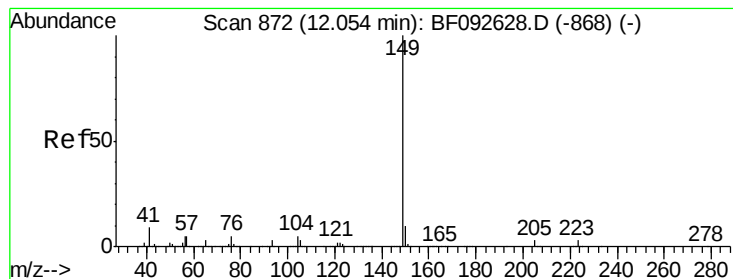
mohammad
 2/8/2017 10:43:10 AM



#72
 Carbazole
 Concen: 37.98 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion:167 Resp: 911325
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 54.09 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

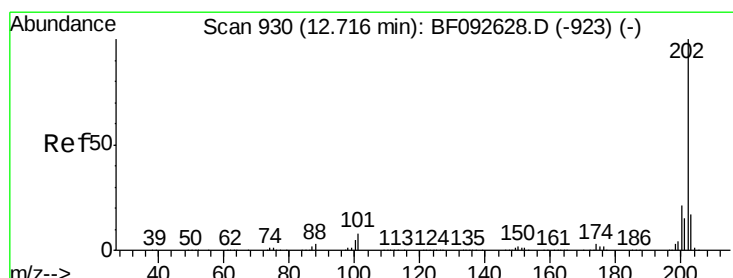
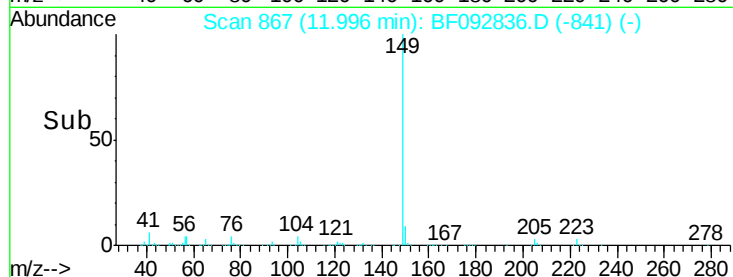
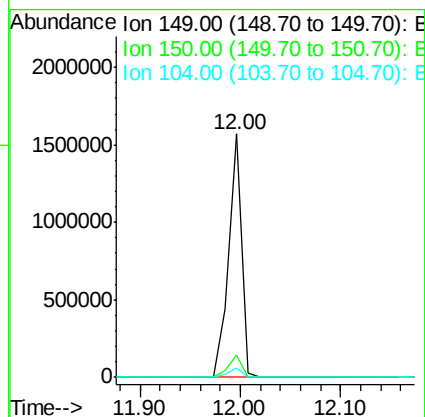
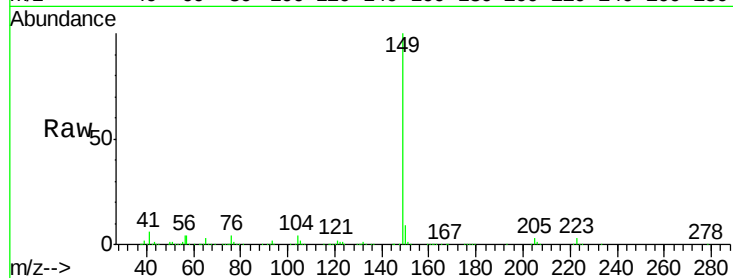
ROLL-OFF-15-40-COMPMS

Tot Ion:149 Resp: 1403773

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.0	4.6	7.0

Manual Integrations
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2/8/2017 10:43:10 AM



#74

Fluoranthene

Concen: 37.01 ng

RT: 12.65 min Scan# 924

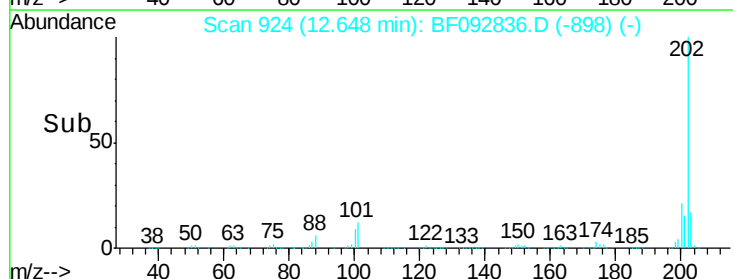
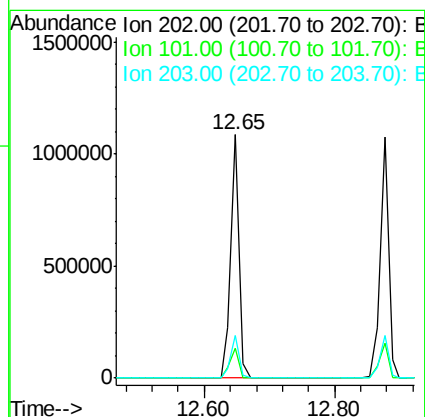
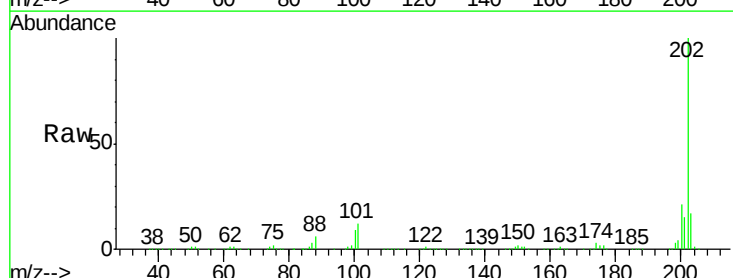
Delta R.T. 0.00 min

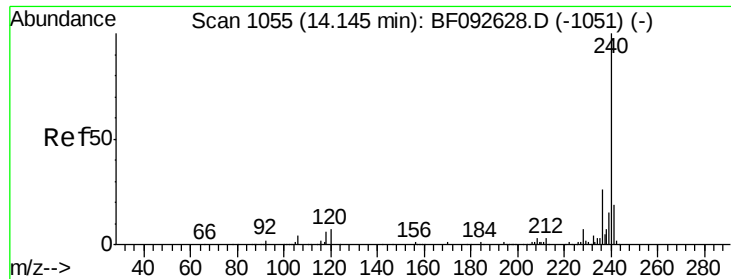
Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion:202 Resp: 954291

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.6
203	17.4	0.0	38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

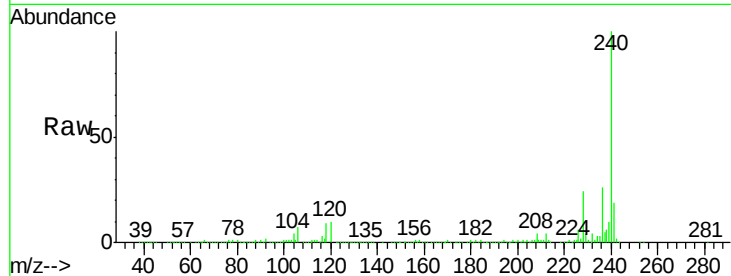
ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.9	19.3#
236	25.6	20.9	31.3

Manual Integrations
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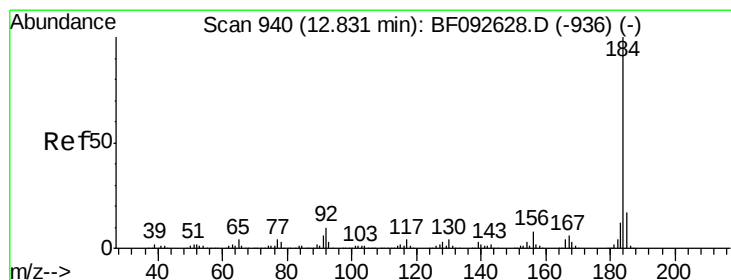
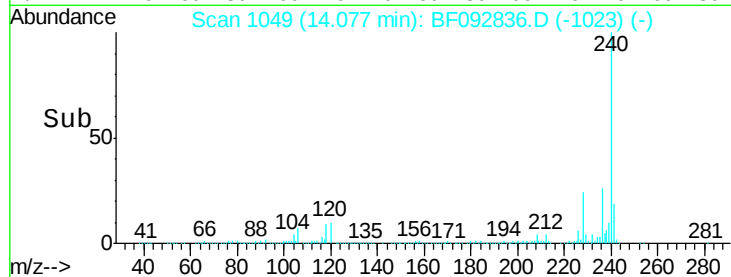
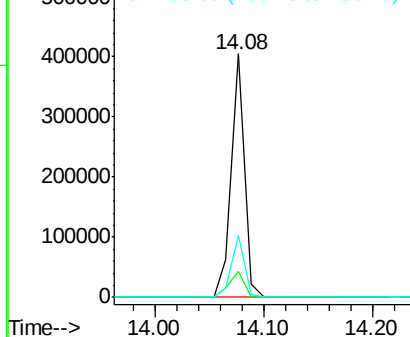
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.89 ng

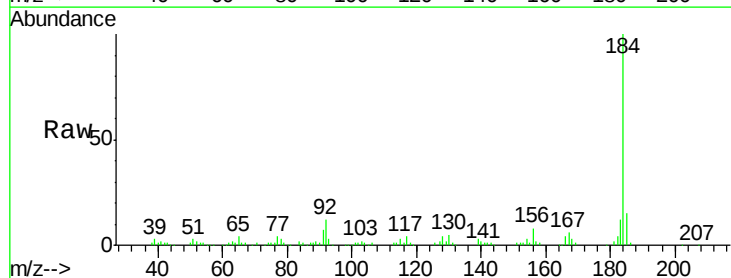
RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

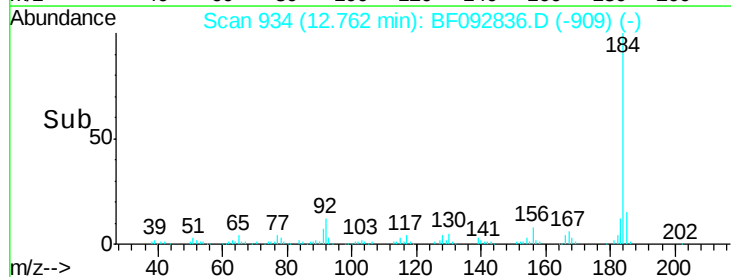
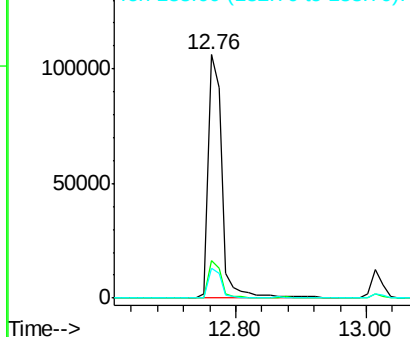
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.0
183	12.3	9.2	13.8

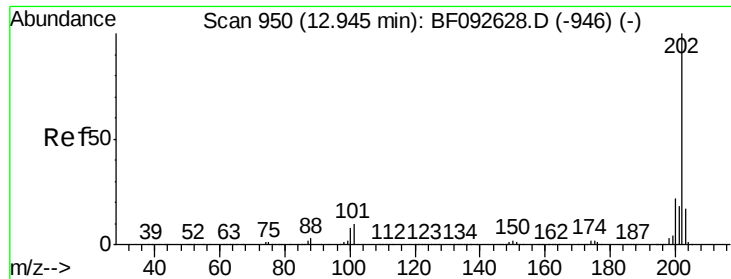


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





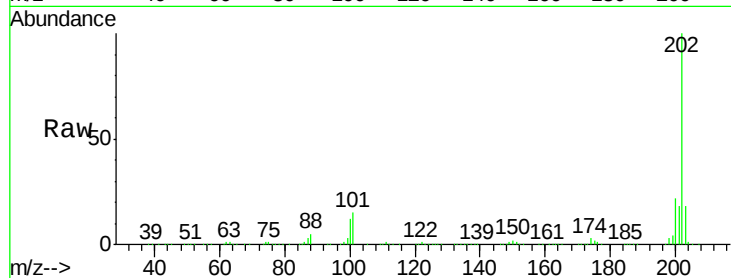
#77
Pvrene
Concen: 37.65 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

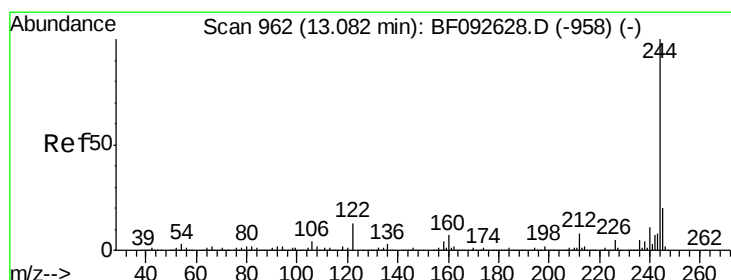
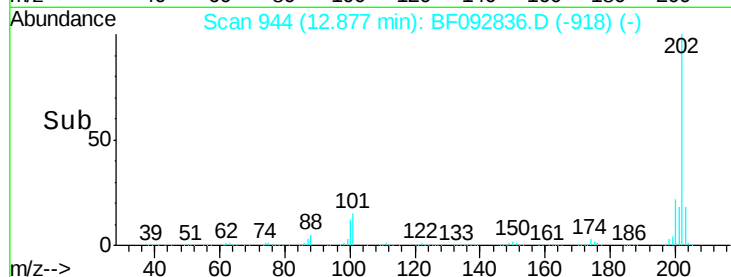
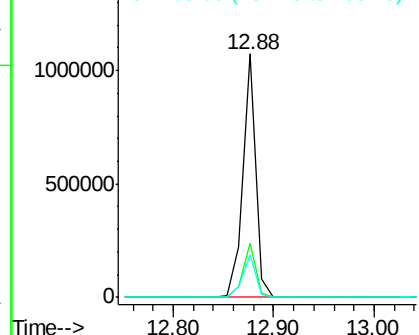
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.6	14.7	22.1

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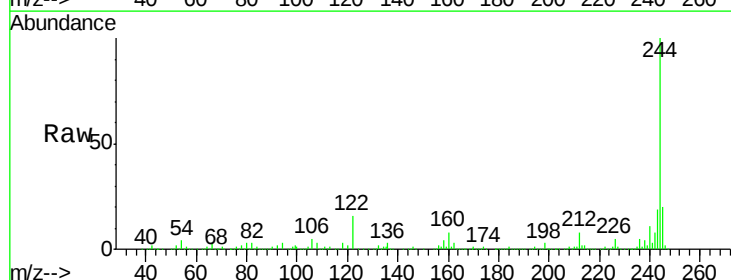


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

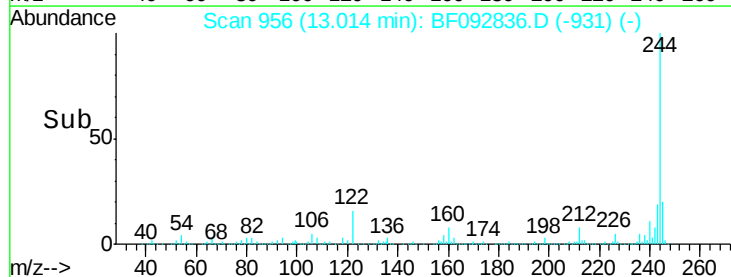
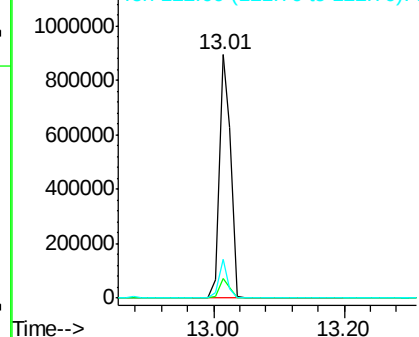


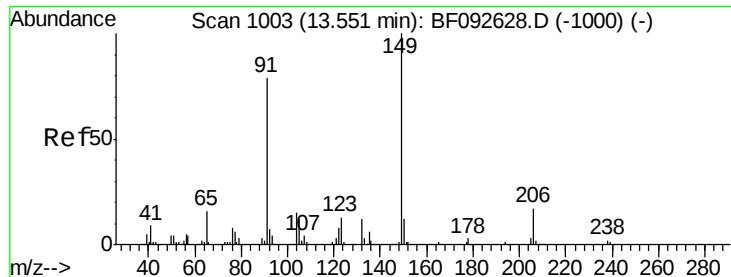
#78
Terphenyl-d14
Concen: 76.41 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	15.9	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: 48.21 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Instrument :

BNA_F

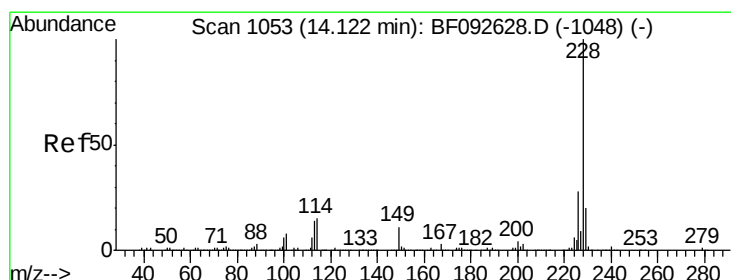
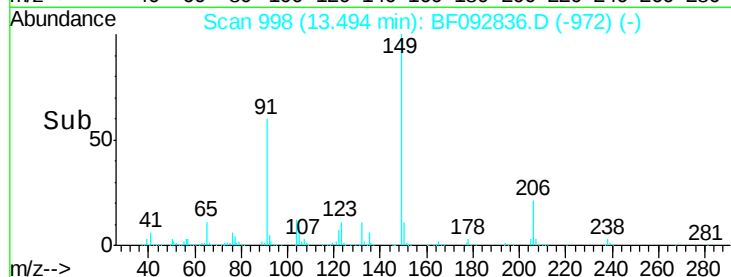
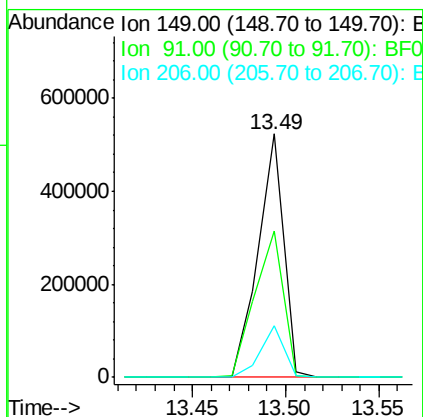
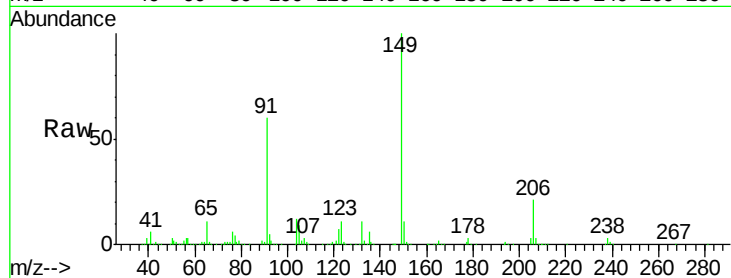
ClientSampleId :

ROLL-OFF-15-40-COMPMS

Tot Ion:	149	Resp:	496738
Ion Ratio	Lower	Upper	
149	100		
91	59.9	63.9	95.9#
206	21.3	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 41.89 ng

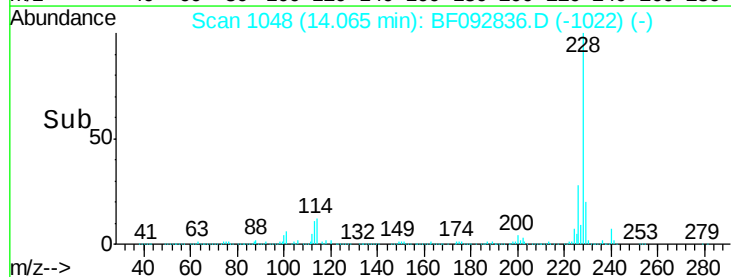
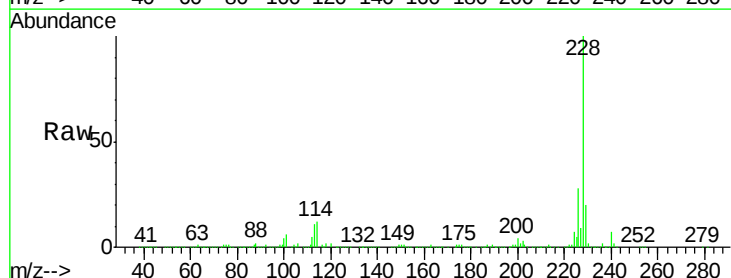
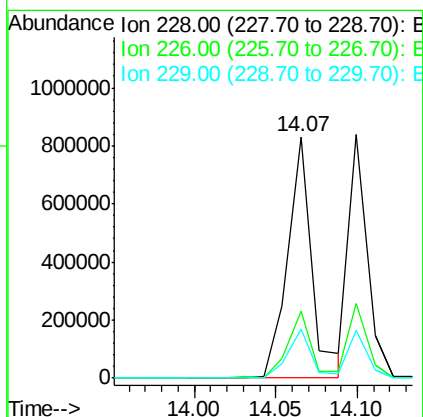
RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092836.D

Acq: 7 Feb 2017 18:56

Tgt Ion:	228	Resp:	868672
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.4	33.6
229	20.1	16.2	24.4





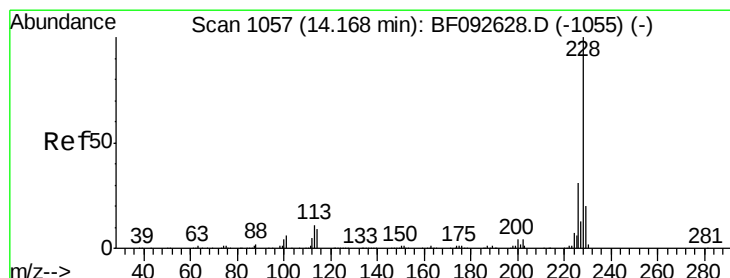
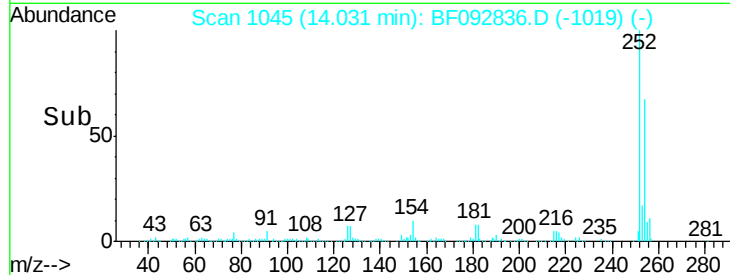
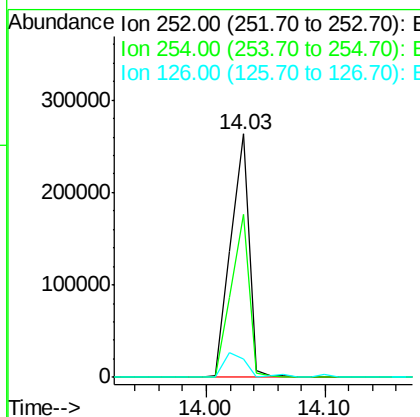
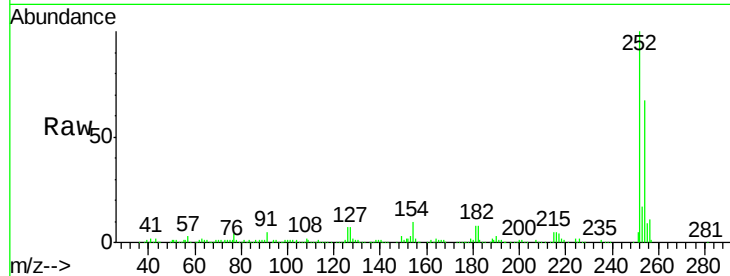
#81
 3,3'-Dichlorobenzidine
 Concen: 38.41 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.8	52.3	78.5
126	7.3	13.6	20.4

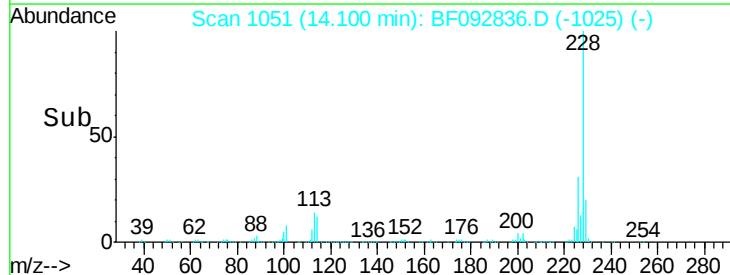
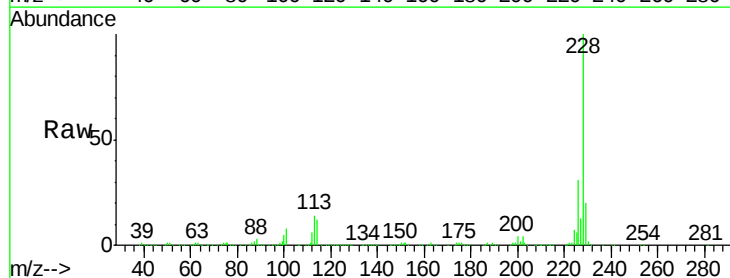
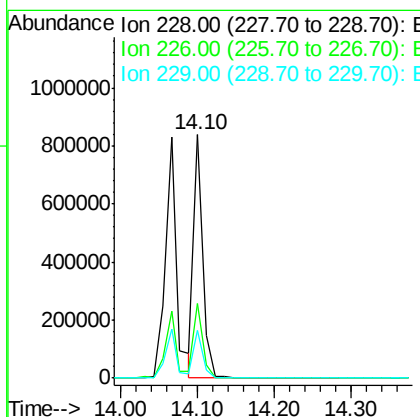
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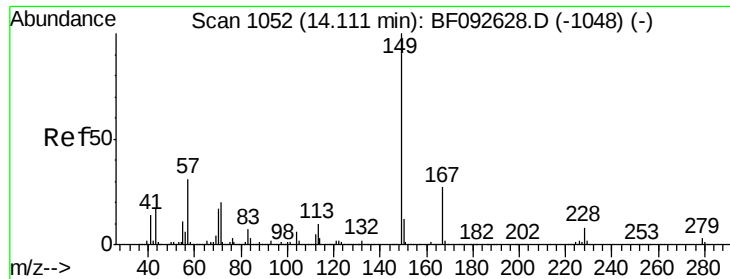
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#82
 Chrysene
 Concen: 35.51 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	25.4	38.0
229	19.9	16.2	24.2





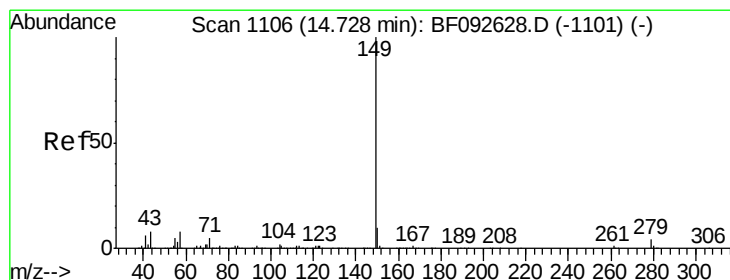
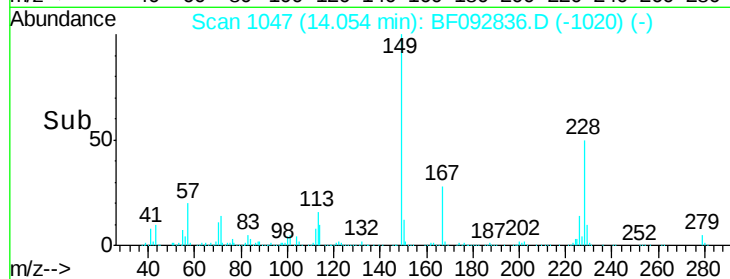
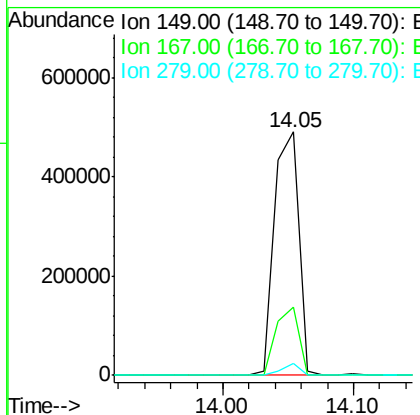
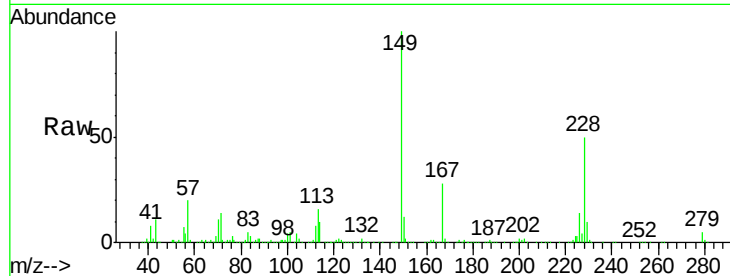
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.96 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	647656		
167	28.3		20.2	30.4
279	4.8		1.8	2.8#

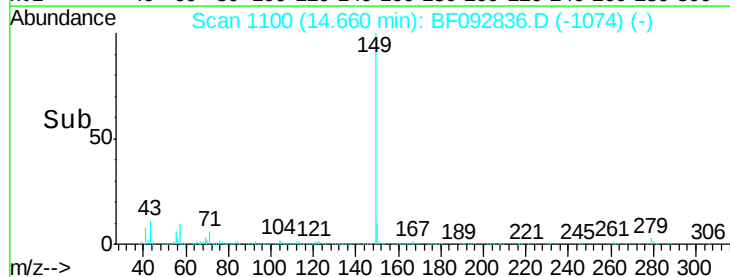
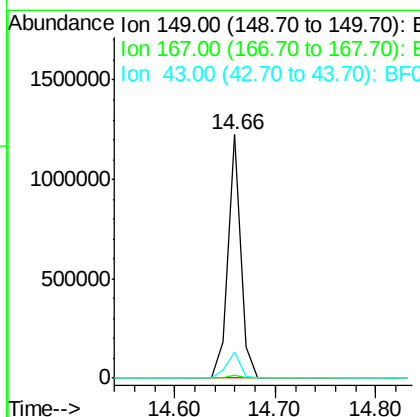
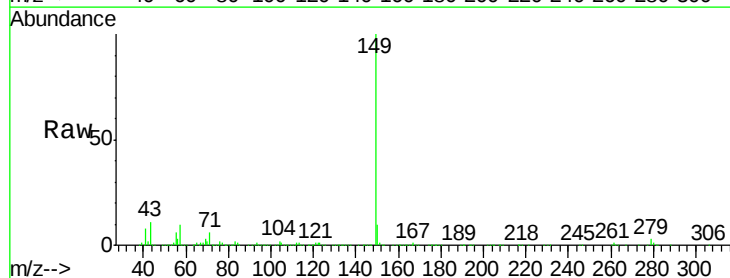
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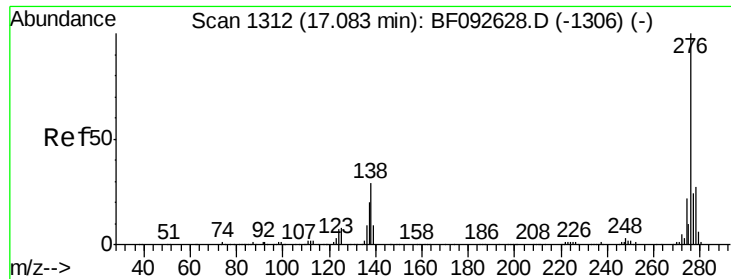
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#84
 Di-n-octyl phthalate
 Concen: 47.02 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1078798		
167	1.6		1.3	1.9
43	11.4		8.9	13.3





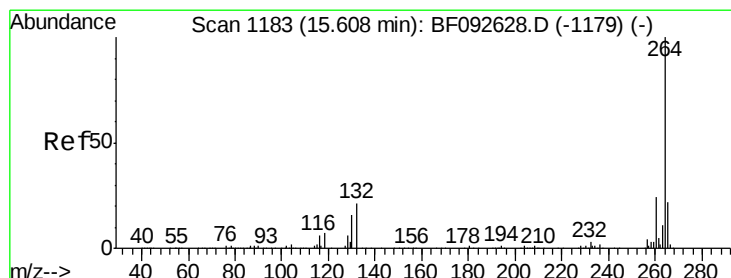
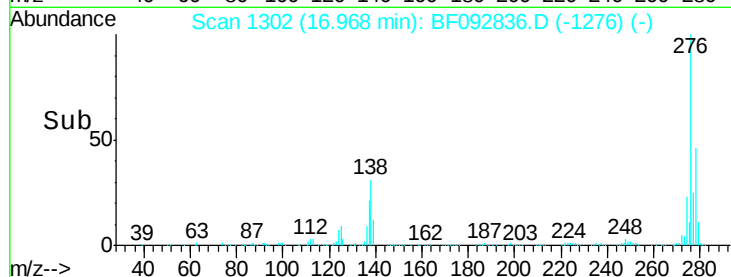
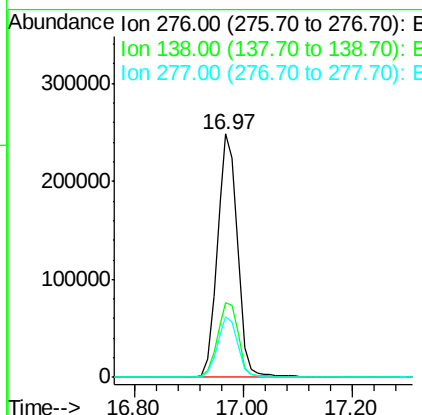
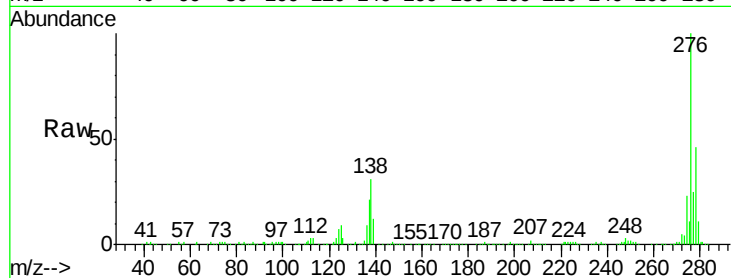
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.05 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.6
277	25.2	20.2	30.4

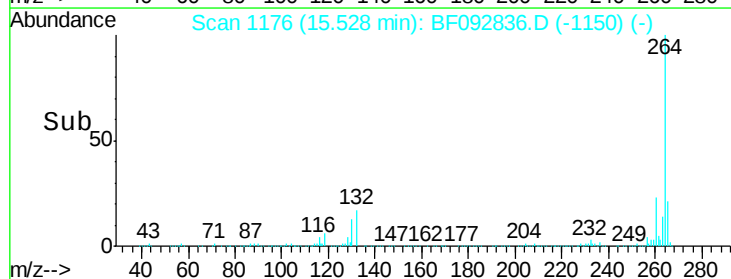
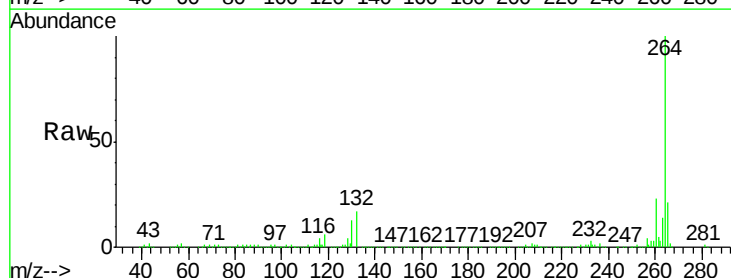
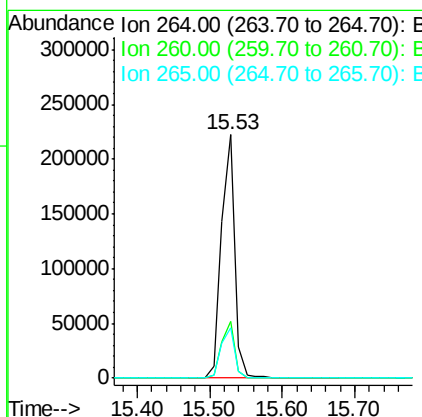
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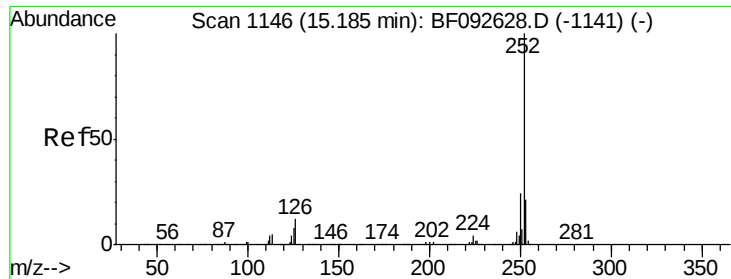
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	17.4	26.0





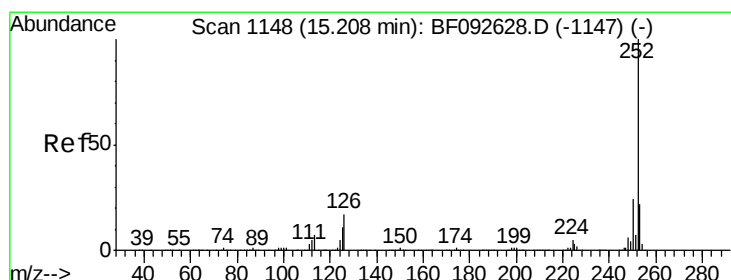
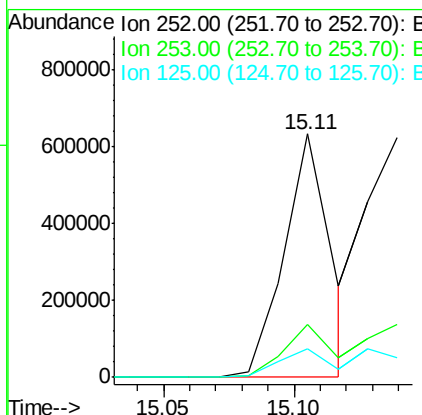
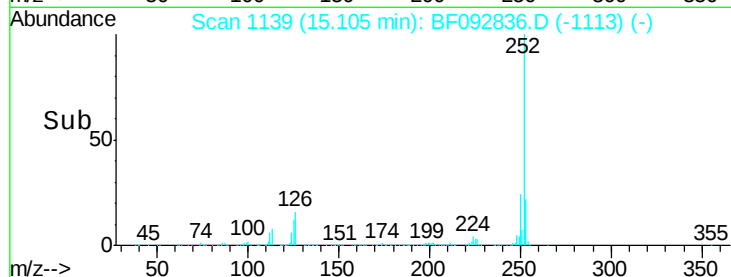
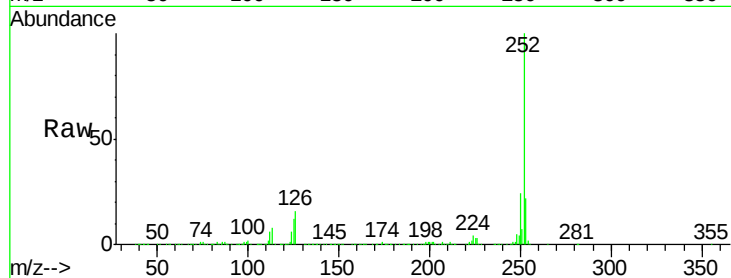
#87
Benzo(b)fluoranthene
Concen: 41.60 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.8	9.8	14.6

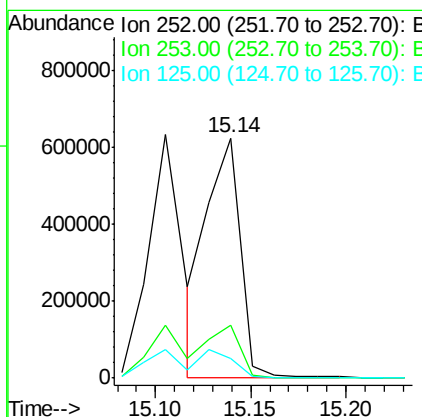
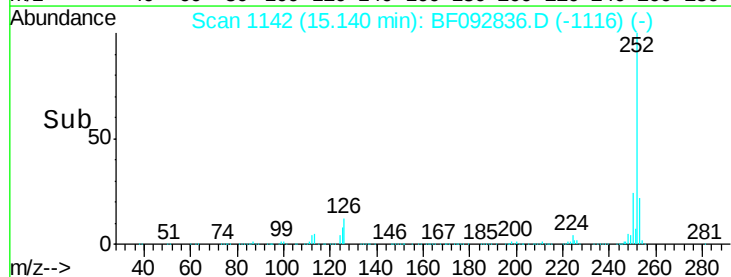
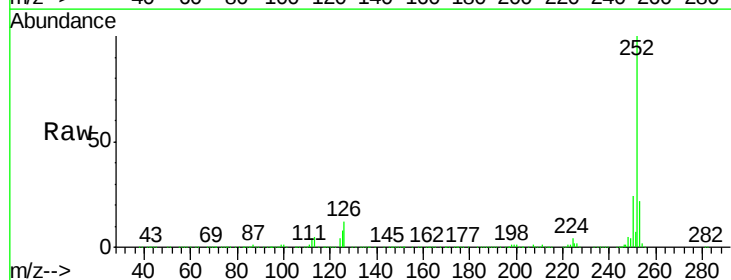
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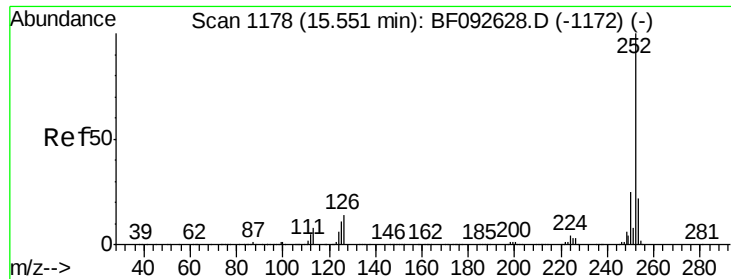
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#88
Benzo(k)fluoranthene
Concen: 48.25 ng m
RT: 15.14 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	8.1	8.9	13.3#





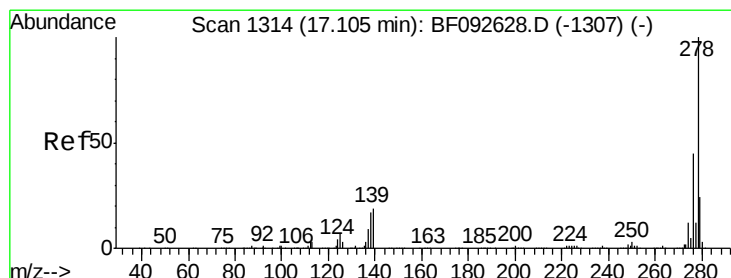
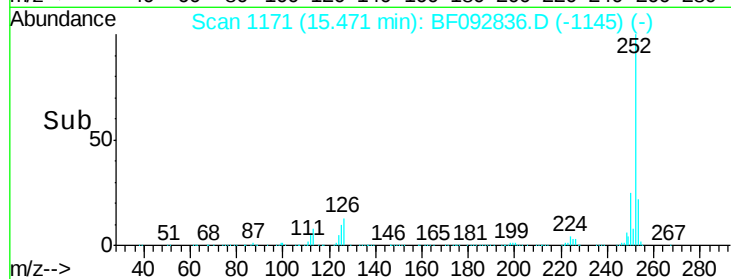
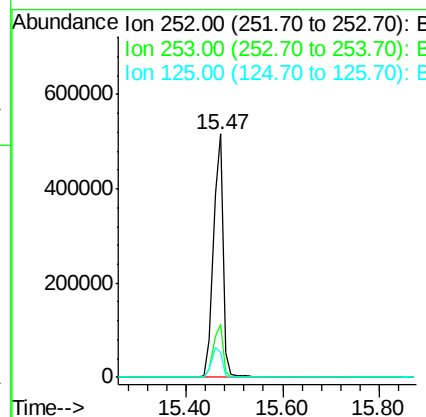
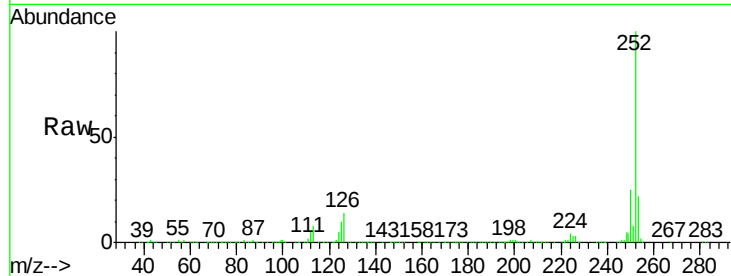
#89
Benzo(a)pyrene
Concen: 45.43 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.1	10.0	15.0

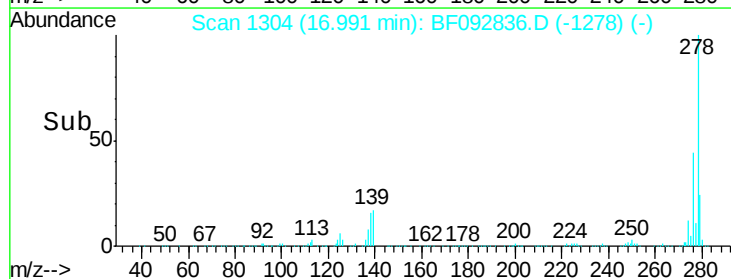
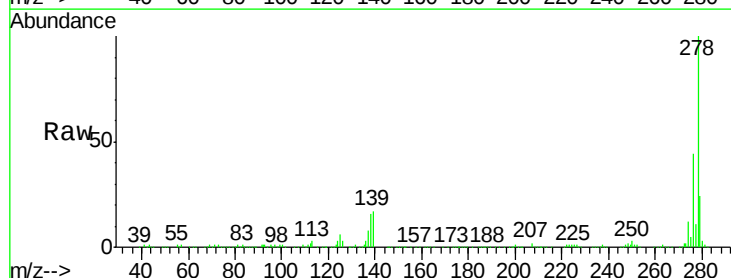
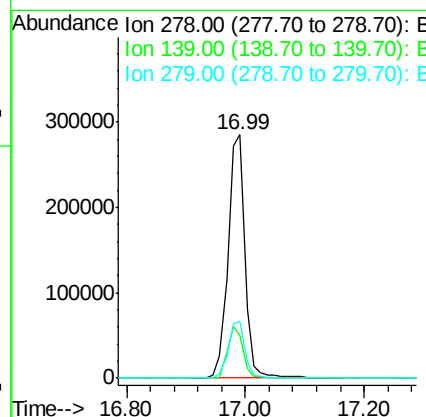
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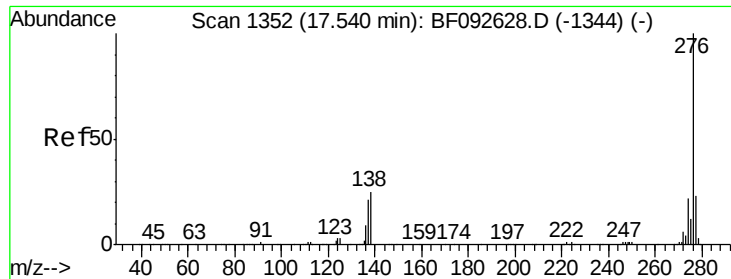
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.39 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF092836.D
Acq: 7 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.8	22.2
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.13 ng
 RT: 17.40 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF092836.D
 Acq: 7 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.9	19.2	28.8
138	30.3	16.0	24.0

Manual Integrations
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