

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092837.D
 Acq On : 7 Feb 2017 19:23
 Operator : SJ/MA
 Sample : I1692-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 2/8/2017 10:43:14 AM

Quant Time: Feb 08 00:19:12 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	170548	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	649583	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	355268	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	442437	20.00	ng	0.00
75) Chrysene-d12	14.08	240	339482	20.00	ng	0.00
86) Perylene-d12	15.53	264	285476	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1007026	101.30	ng	0.02
7) Phenol-d6	6.56	99	1278674	99.97	ng	0.01
23) Nitrobenzene-d5	7.47	82	1098401	94.16	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	269032	104.70	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1712675	87.34	ng	0.00
78) Terphenyl-d14	13.01	244	1146259	79.34	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	154424	28.75	ng	# 74
3) Pyridine	3.38	79	300388	21.99	ng	# 85
4) n-Nitrosodimethylamine	3.31	42	230008	35.86	ng	# 86
6) Aniline	6.58	93	352557	20.21	ng	# 54
8) 2-Chlorophenol	6.70	128	471592	43.00	ng	# 90
9) Benzaldehyde	6.45	77	139011	15.17	ng	# 90
10) Phenol	6.57	94	538882	36.01	ng	# 85
11) bis(2-Chloroethyl)ether	6.65	93	526000	44.04	ng	# 94
12) 1,3-Dichlorobenzene	6.85	146	529001	41.18	ng	# 98
13) 1,4-Dichlorobenzene	6.92	146	513951	39.53	ng	# 99
14) 1,2-Dichlorobenzene	7.08	146	517238	41.61	ng	# 96
15) Benzyl Alcohol	7.06	79	444560	46.95	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	922043	44.43	ng	# 98
17) 2-Methylphenol	7.17	107	436777	46.42	ng	# 97
18) Hexachloroethane	7.41	117	172351	38.83	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	334234	41.05	ng	# 92
20) 3+4-Methylphenols	7.32	107	491622	43.70	ng	# 65
22) Acetophenone	7.32	105	656113	44.24	ng	# 94
24) Nitrobenzene	7.49	77	557869	46.58	ng	# 99
25) Isophorone	7.73	82	1039945	47.84	ng	# 96
26) 2-Nitrophenol	7.81	139	285163	50.08	ng	# 86
27) 2,4-Dimethylphenol	7.85	122	456550	45.66	ng	# 99
28) bis(2-Chloroethoxy)methane	7.94	93	625806	43.47	ng	# 99
29) 2,4-Dichlorophenol	8.05	162	419197	44.95	ng	# 91
30) 1,2,4-Trichlorobenzene	8.13	180	429655	42.75	ng	# 97
31) Naphthalene	8.21	128	1303557	39.59	ng	# 99
32) Benzoic acid	7.98	122	302857	52.64	ng	# 95
33) 4-Chloroaniline	8.27	127	126056	9.76	ng	# 99
34) Hexachlorobutadiene	8.33	225	215796	39.03	ng	# 99
35) Caprolactam	8.64	113	124864	42.57	ng	# 36
36) 4-Chloro-3-methylphenol	8.76	107	481614	49.53	ng	# 90
37) 2-Methylnaphthalene	8.91	142	973493	46.04	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	410577	41.17	ng	# 99
40) Hexachlorocyclopentadiene	9.06	237	132793	29.51	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	290574	44.34	nq	91
43) 2,4,5-Trichlorophenol	9.23	196	300242	41.82	nq	94
45) 1,1'-Biphenyl	9.37	154	1062536	41.30	nq	97
46) 2-Chloronaphthalene	9.39	162	880355	43.75	nq	95
47) 2-Nitroaniline	9.49	65	321288	47.48	nq	98
48) Acenaphthylene	9.81	152	1443473	41.52	nq	99
49) Dimethylphthalate	9.68	163	1171372	48.95	nq	100
50) 2,6-Dinitrotoluene	9.73	165	216469	41.89	nq	# 73
51) Acenaphthene	9.98	154	893937	43.01	nq	96
52) 3-Nitroaniline	9.90	138	143021	24.18	nq	94
53) 2,4-Dinitrophenol	10.02	184	101427	41.03	nq	93
54) Dibenzofuran	10.16	168	1231197	44.29	nq	93
55) 4-Nitrophenol	10.08	139	325463	76.41	nq	91
56) 2,4-Dinitrotoluene	10.14	165	326577	47.47	nq	# 86
57) Fluorene	10.50	166	917108	42.88	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	214616	44.81	nq	100
59) Diethylphthalate	10.37	149	1089643	48.32	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	420724	40.95	nq	88
61) 4-Nitroaniline	10.52	138	222364	36.71	nq	89
62) Azobenzene	10.65	77	956782	41.07	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	67674	26.40	nq	# 36
65) n-Nitrosodiphenylamine	10.61	169	770683	54.53	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	237339	51.35	nq	91
67) Hexachlorobenzene	11.05	284	221462	48.48	nq	98
68) Atrazine	11.14	200	234165	51.63	nq	97
69) Pentachlorophenol	11.24	266	210089	88.28	nq	96
70) Phenanthrene	11.46	178	1095964	43.24	nq	98
71) Anthracene	11.52	178	1176928	46.24	nq	97
72) Carbazole	11.66	167	920267	37.82	nq	99
73) Di-n-butylphthalate	12.00	149	1438510	54.66	nq	# 96
74) Fluoranthene	12.65	202	1037080	39.66	nq	95
76) Benzidine	12.76	184	107288	7.42	nq	96
77) Pyrene	12.88	202	1010795	39.79	nq	98
79) Butylbenzylphthalate	13.49	149	517823	50.19	nq	# 81
80) Benzo(a)anthracene	14.07	228	895116	43.11	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	268612	36.29	nq	# 96
82) Chrysene	14.10	228	686018	35.29	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	694296	49.21	nq	# 94
84) Di-n-octyl phthalate	14.66	149	1125212	48.97	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	681710	45.27	nq	95
87) Benzo(b)fluoranthene	15.11	252	809886	43.10	nq	98
88) Benzo(k)fluoranthene	15.14	252	796873m	49.12	nq	
89) Benzo(a)pyrene	15.47	252	749734	46.13	nq	97
90) Dibenzo(a,h)anthracene	16.98	278	581525	44.27	nq	96
91) Benzo(g,h,i)perylene	17.40	276	551567	41.56	nq	# 90

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

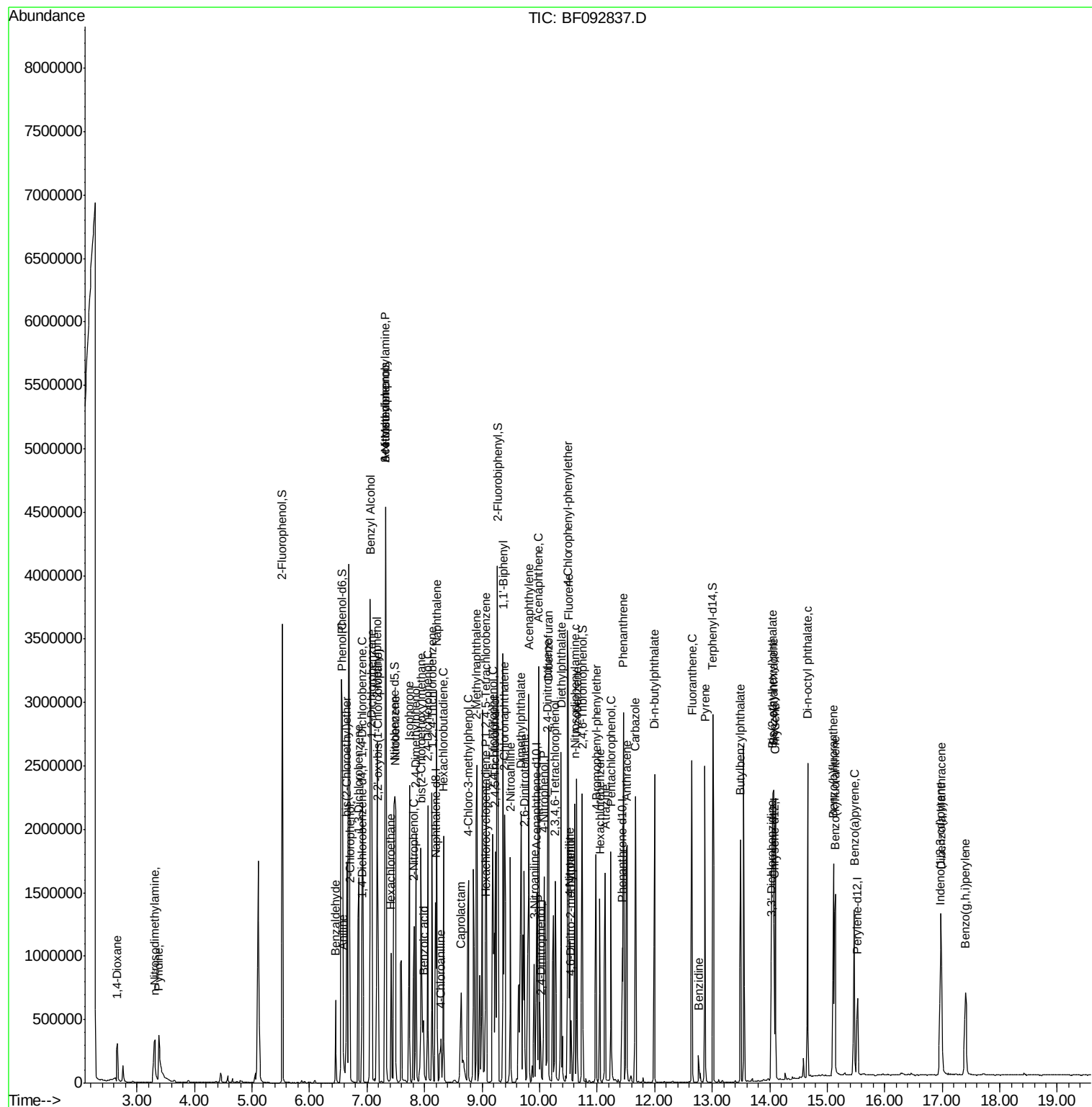
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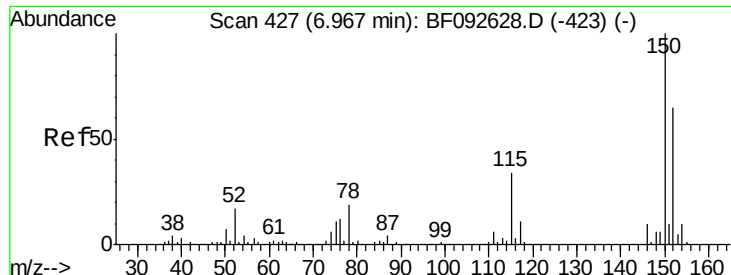
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#1

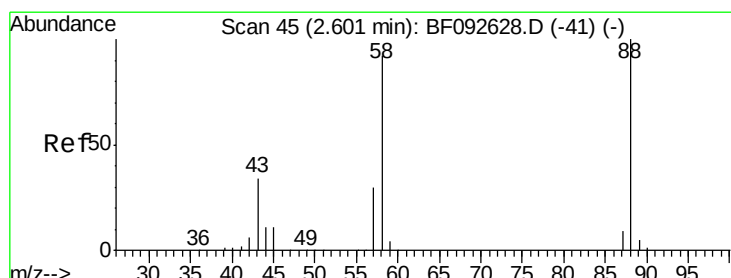
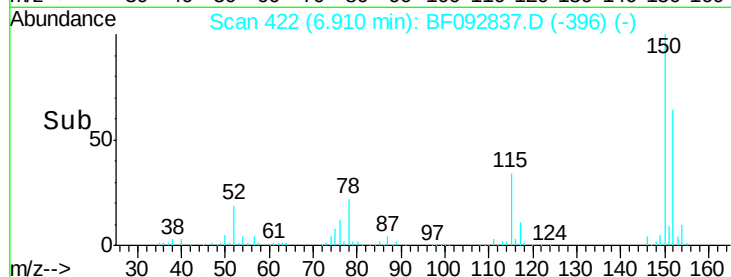
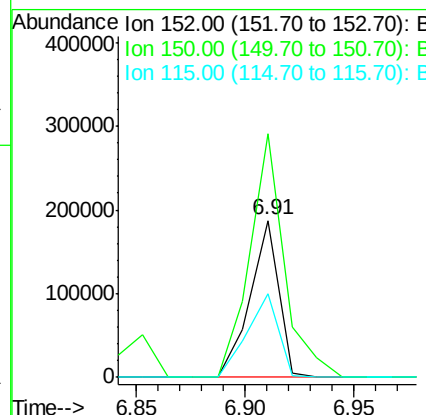
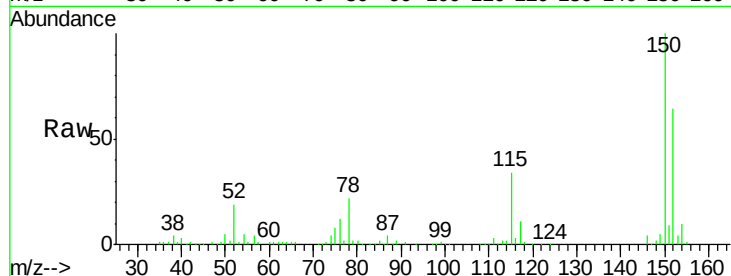
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	53.1	46.0	69.0

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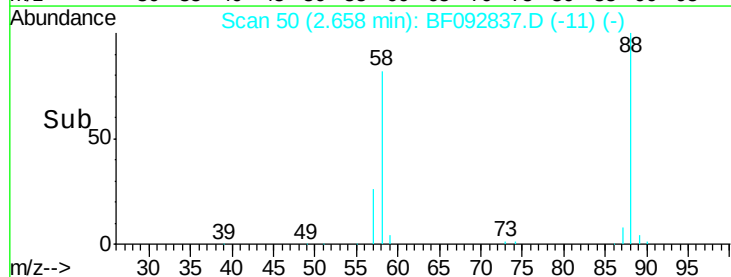
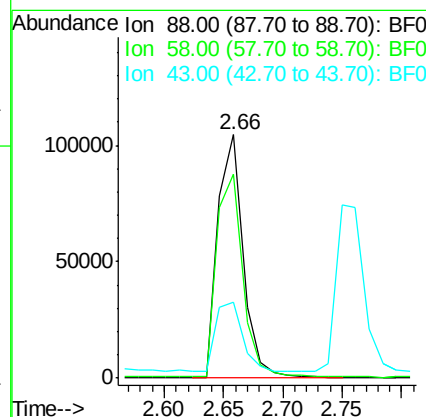
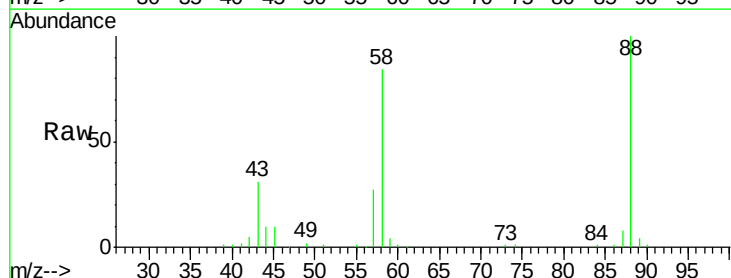
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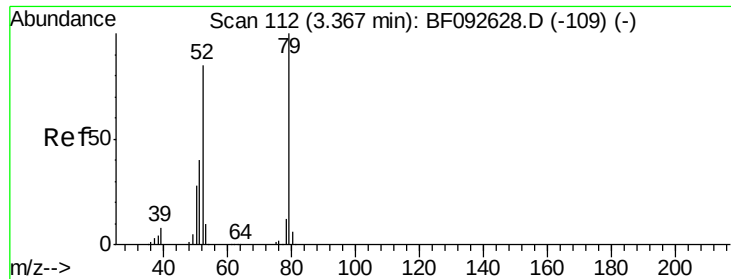


#2

1,4-Dioxane
Concen: 28.75 ng
RT: 2.66 min Scan# 50
Delta R.T. 0.15 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	57.8	86.8
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 21.99 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.13 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

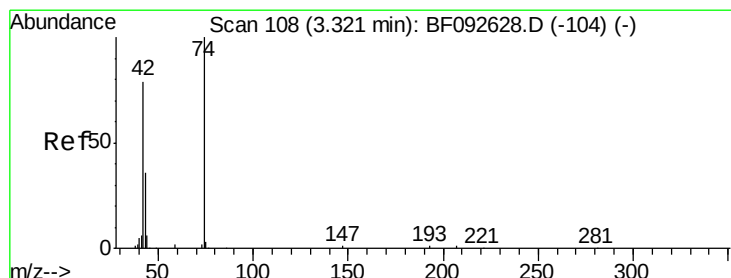
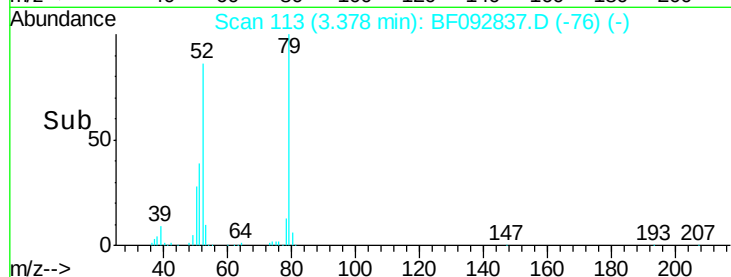
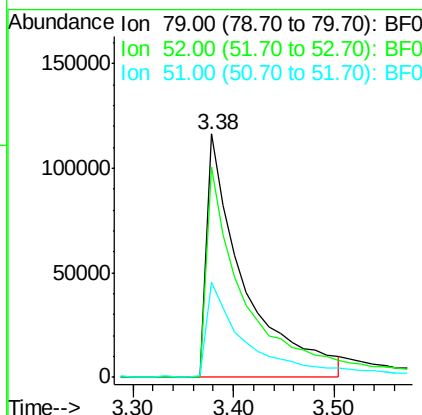
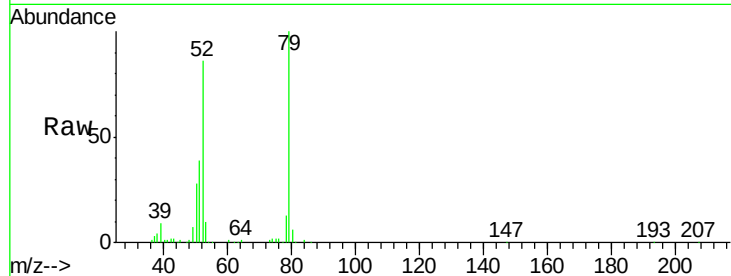
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.2	57.1	85.7#
51	39.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 35.86 ng

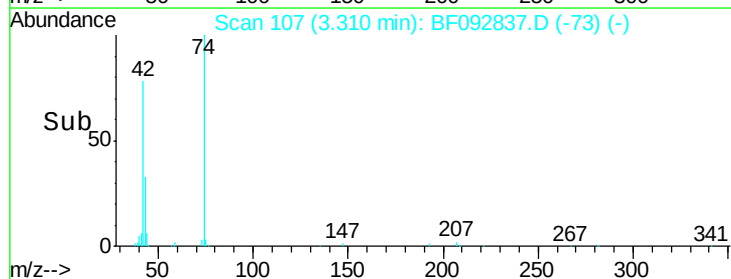
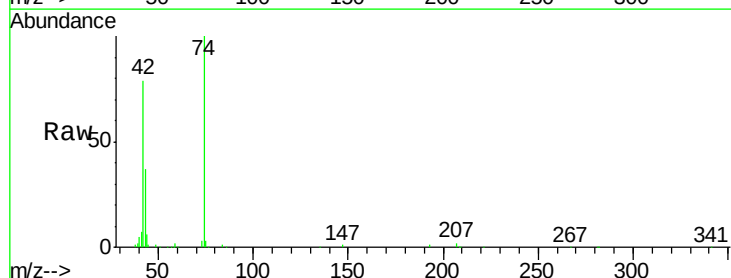
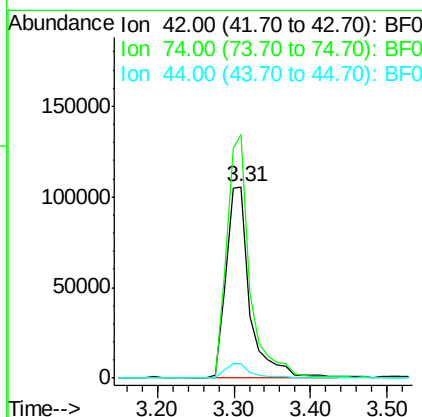
RT: 3.31 min Scan# 107

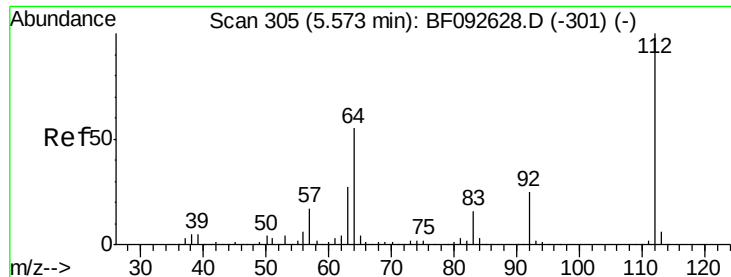
Delta R.T. 0.09 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.4	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 101.30 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

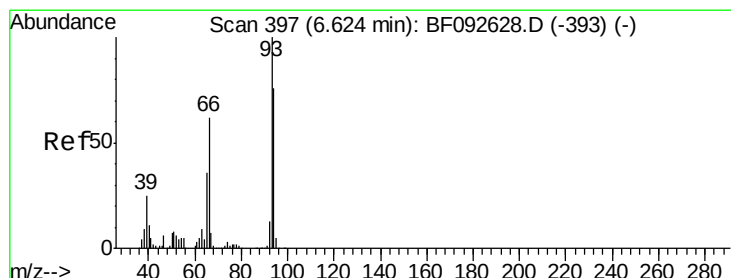
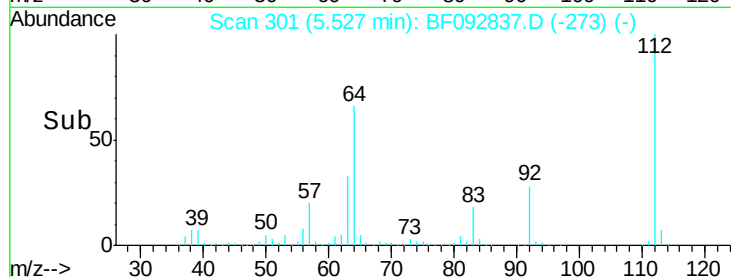
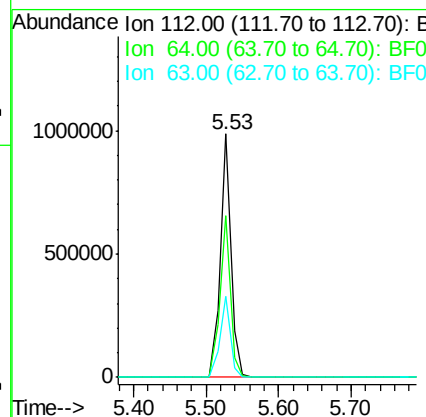
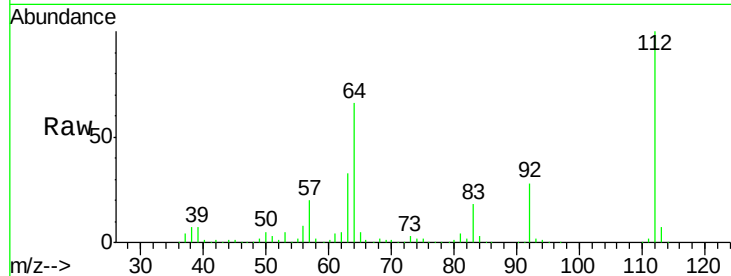
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	112	Resp:	1007026
Ion Ratio	Lower	Upper	
112	100		
64	66.2	46.1	69.1
63	33.2	23.8	35.6

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#6

Aniline

Concen: 20.21 ng

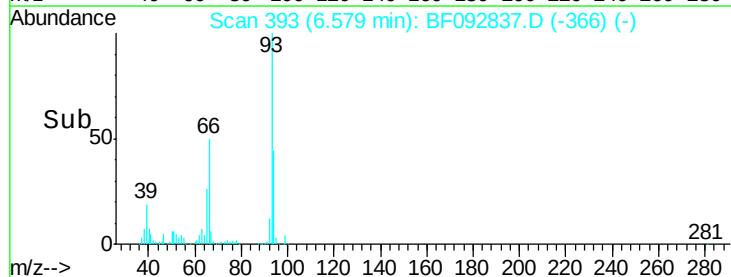
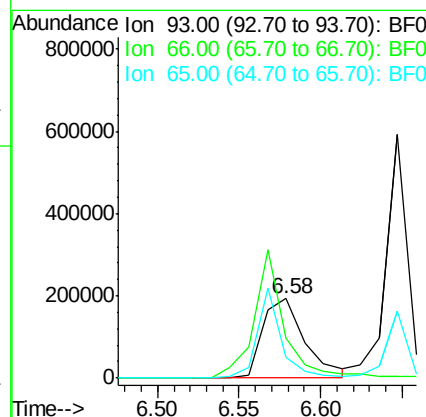
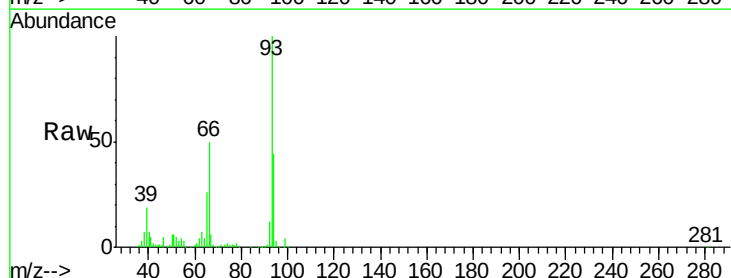
RT: 6.58 min Scan# 393

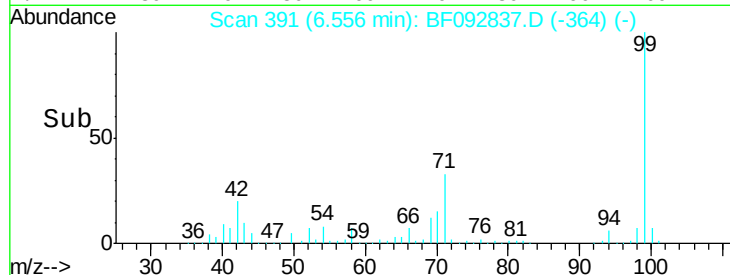
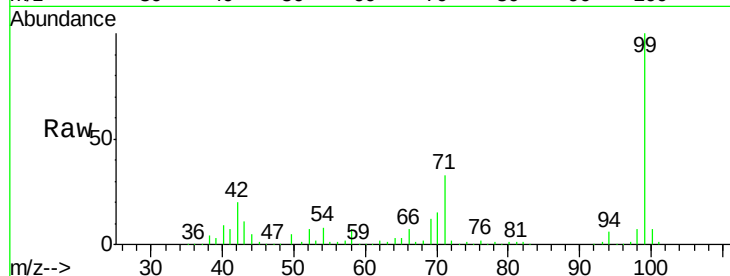
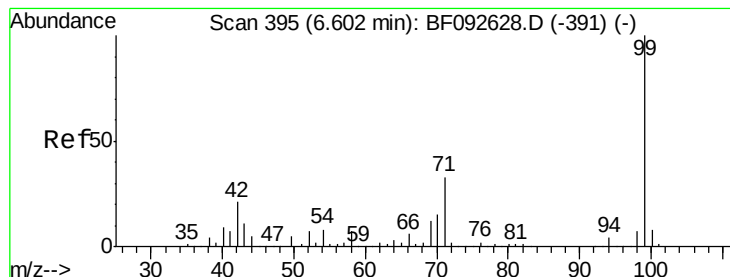
Delta R.T. 0.01 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	93	Resp:	352557
Ion Ratio	Lower	Upper	
93	100		
66	49.8	76.2	114.2#
65	26.4	49.3	73.9#





#7

Phenol-d6

Concen: 99.97 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tot Ion: 99 Resp: 1278674

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 32.8 27.5 41.3

Instrument :

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ClientSampleId :

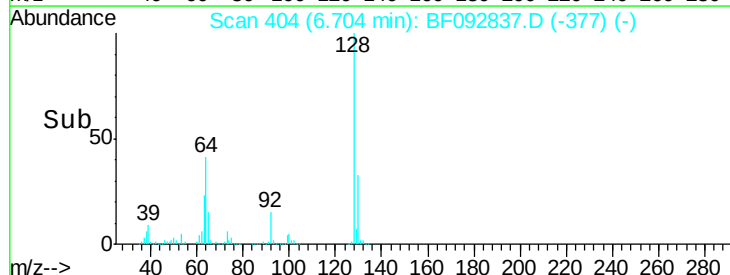
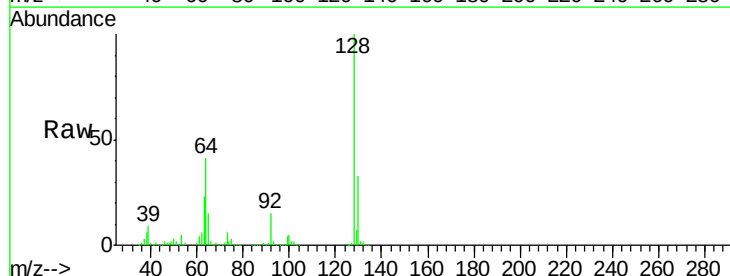
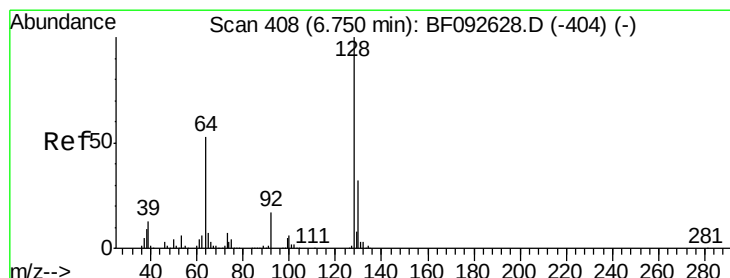
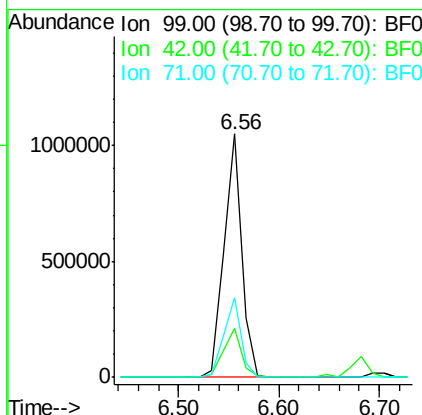
ROLL-OFF-15-40-COMPMSD

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#8

2-Chlorophenol

Concen: 43.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

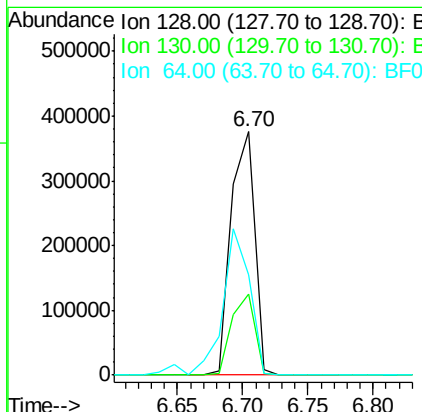
Tgt Ion:128 Resp: 471592

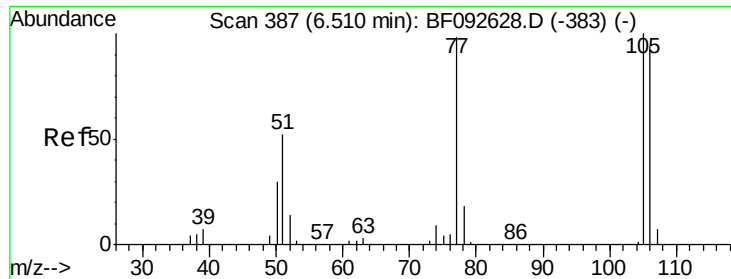
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 41.4 32.2 72.2





#9

Benzaldehyde

Concen: 15.17 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

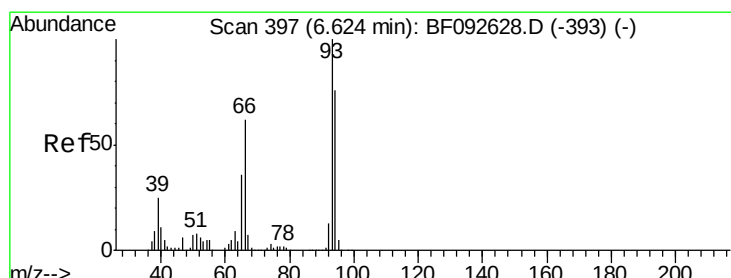
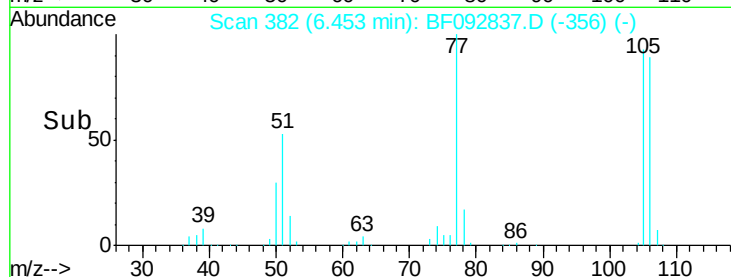
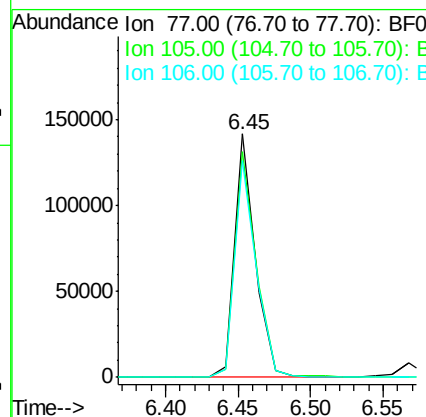
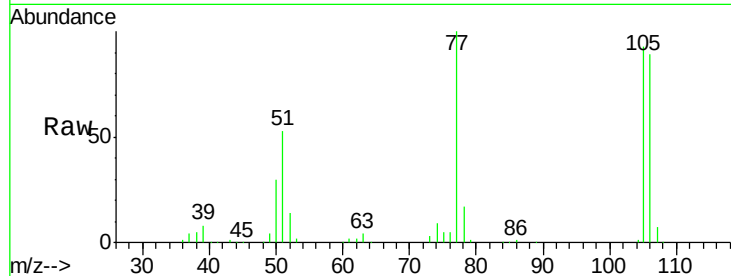
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	77	Resp:	139011
Ion Ratio	Lower	Upper	
77	100		
105	92.7	83.9	123.9
106	89.0	77.6	117.6

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#10

Phenol

Concen: 36.01 ng

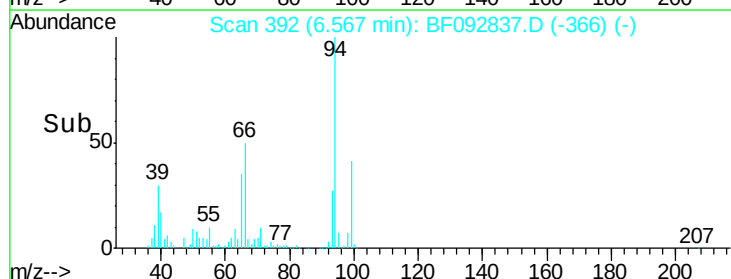
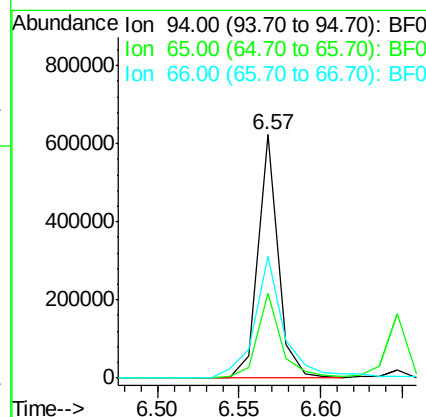
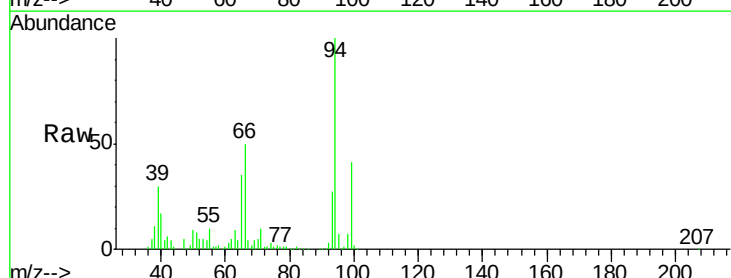
RT: 6.57 min Scan# 392

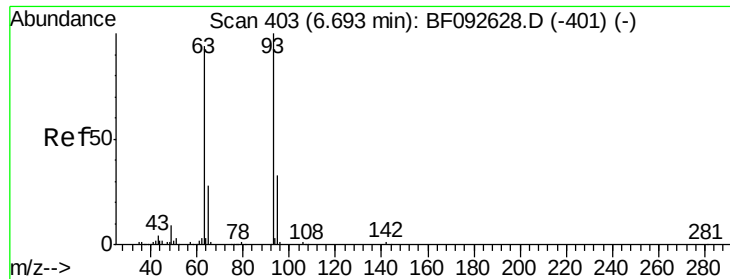
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	94	Resp:	538882
Ion Ratio	Lower	Upper	
94	100		
65	34.9	21.4	61.4
66	50.0	44.0	84.0





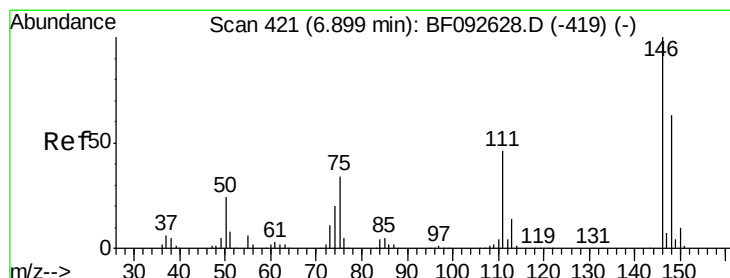
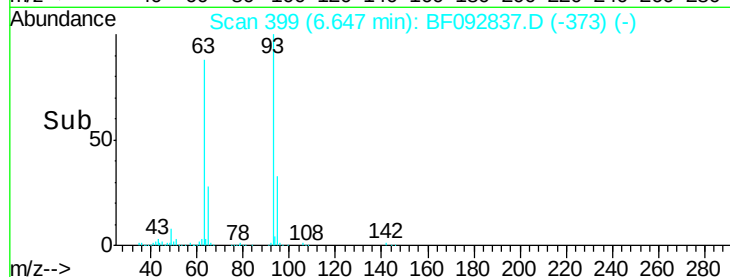
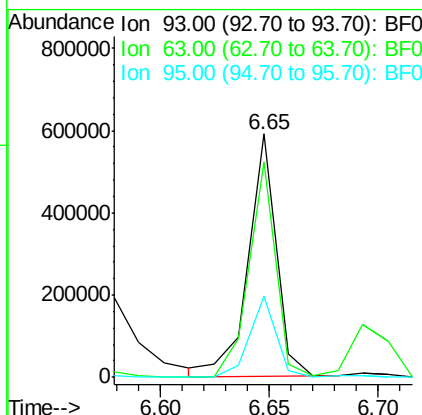
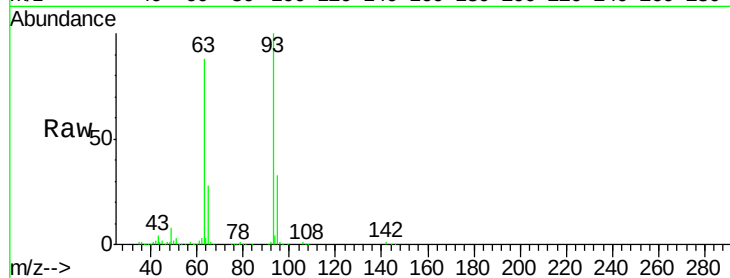
#11
bis(2-Chloroethyl)ether
Concen: 44.04 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		526000		
63	88.2	60.4	100.4		
95	33.0	12.8	52.8		

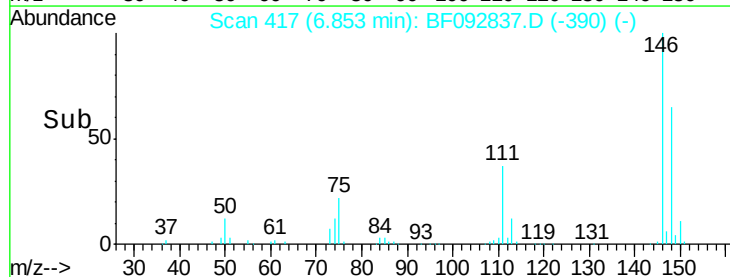
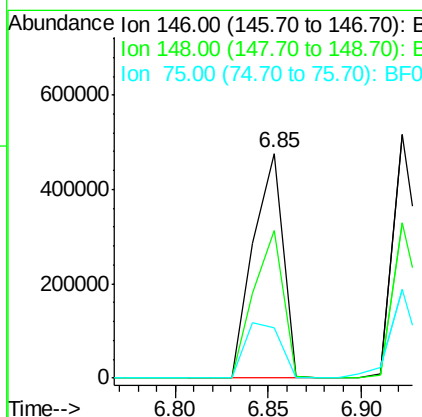
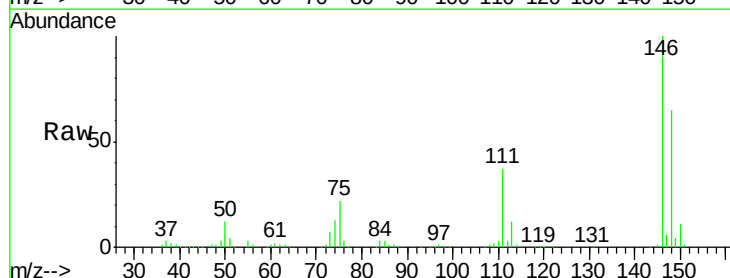
Manual Integrations
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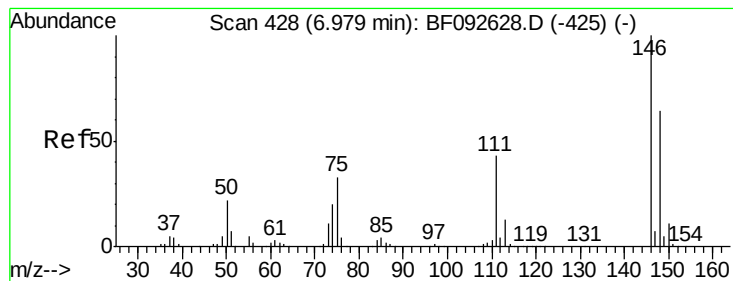
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.18 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		529001		
148	65.4	53.4	80.0		
75	22.2	18.5	27.7		





#13

1,4-Dichlorobenzene

Concen: 39.53 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

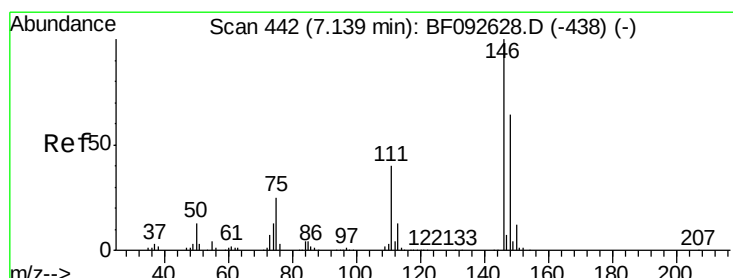
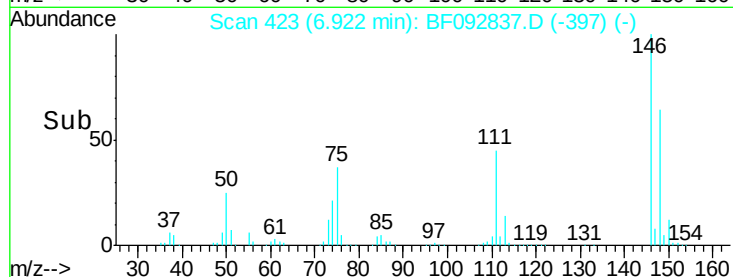
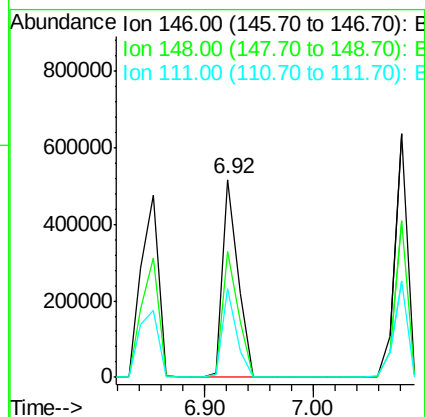
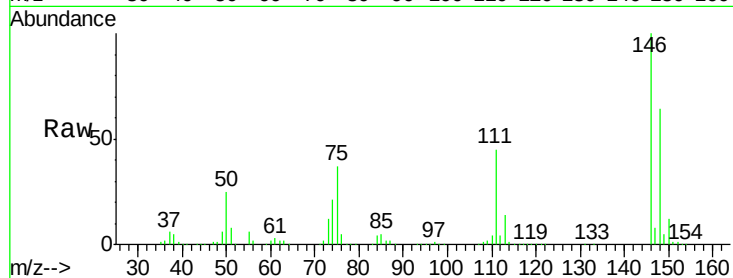
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
111	44.8	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 41.61 ng

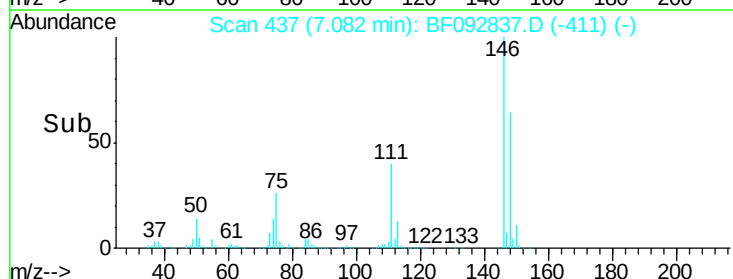
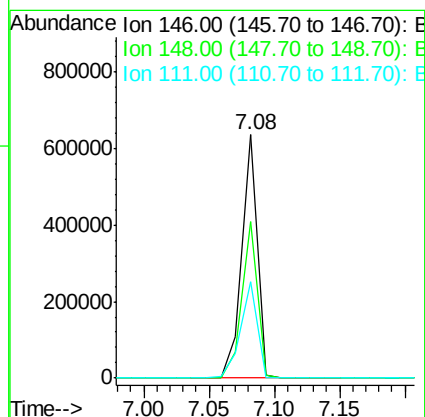
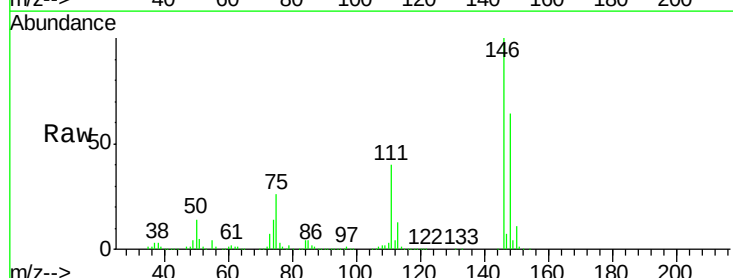
RT: 7.08 min Scan# 437

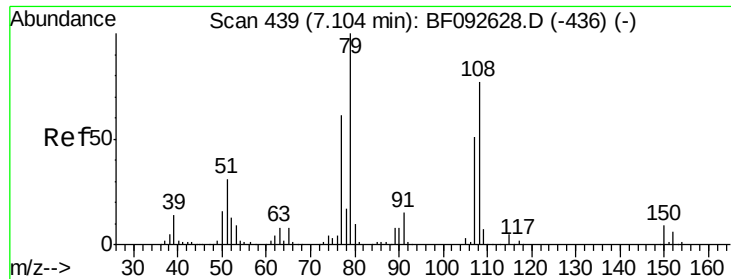
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	39.8	36.2	54.2





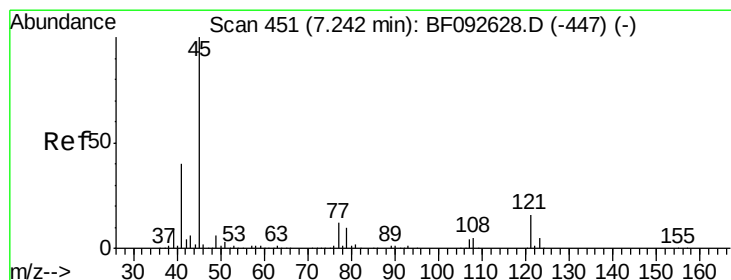
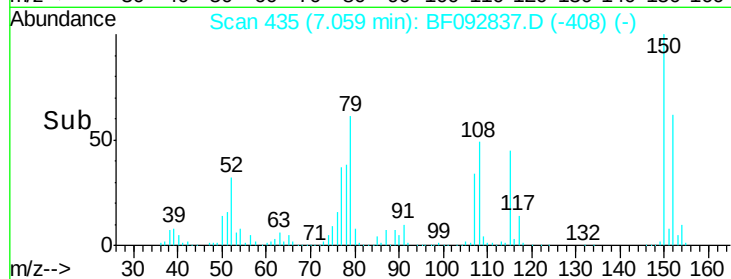
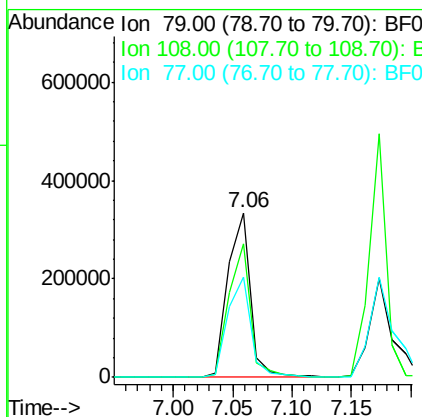
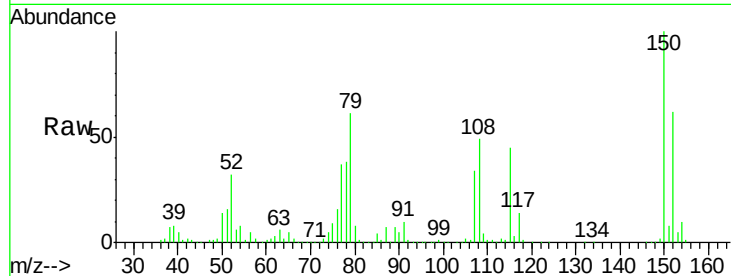
#15
Benzyl Alcohol
Concen: 46.95 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	61.4	92.0
77	61.0	50.9	76.3

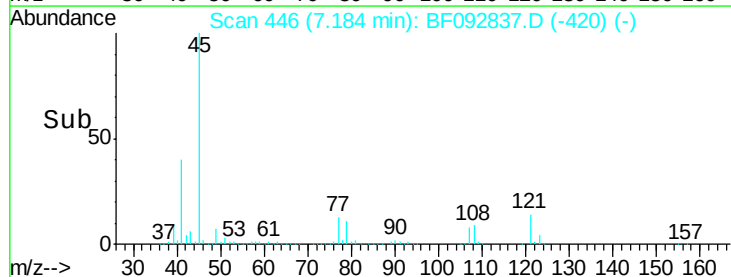
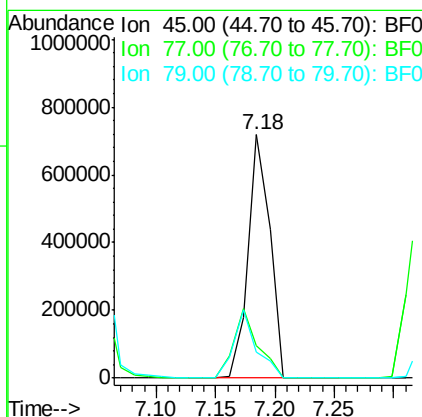
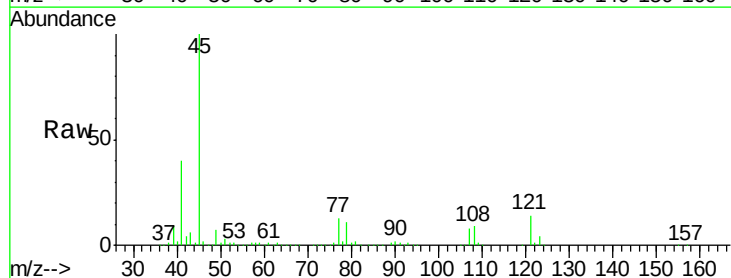
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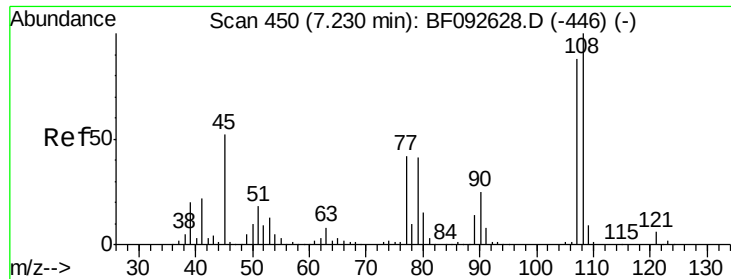
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.43 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	34.6
79	10.6	0.0	31.2





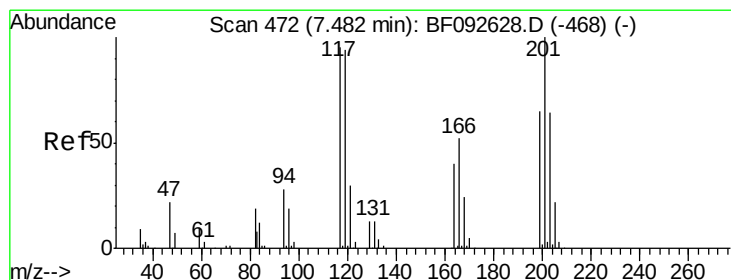
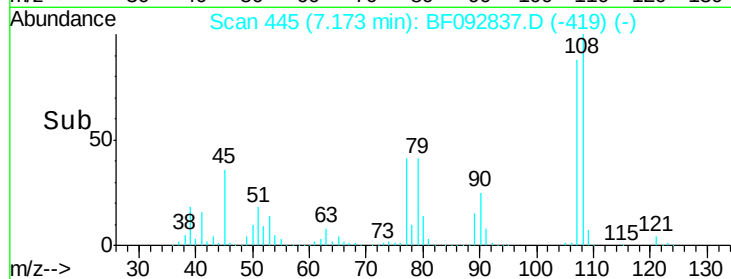
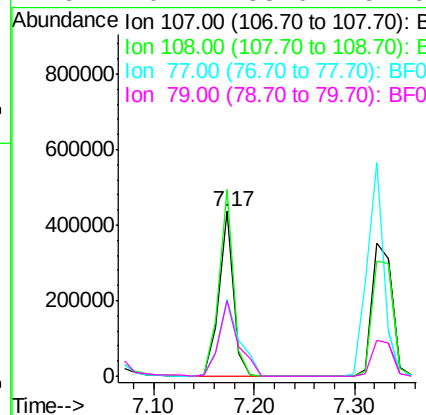
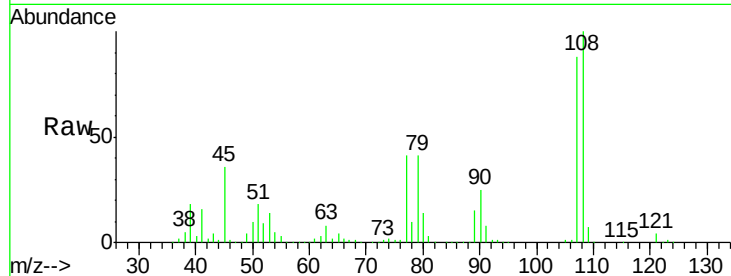
#17
2-Methylphenol
Concen: 46.42 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	436777		
108	113.4	93.0	139.6	
77	46.9	39.8	59.8	
79	46.2	38.0	57.0	

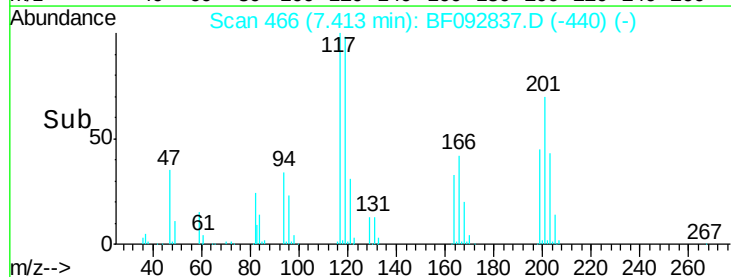
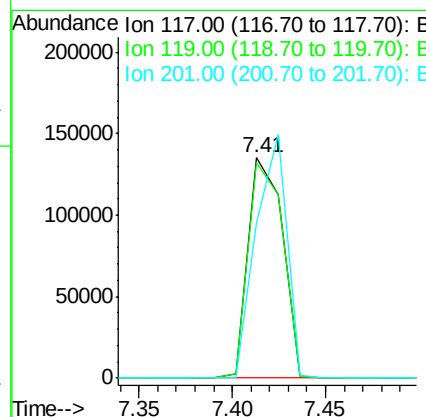
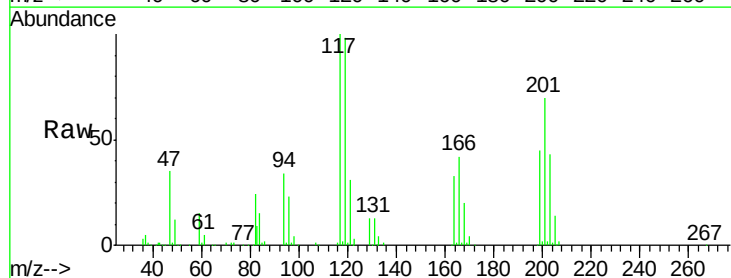
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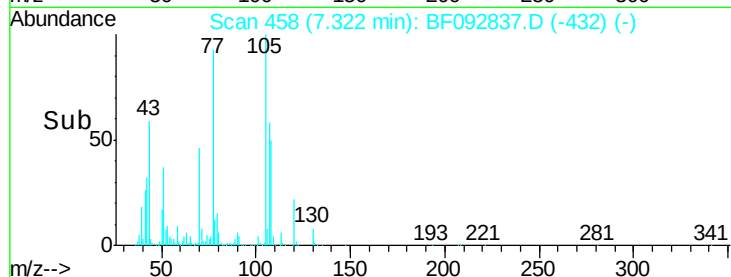
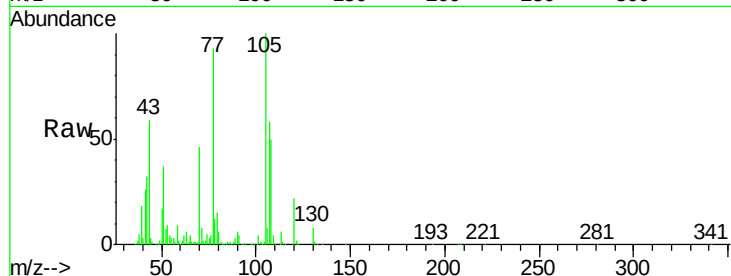
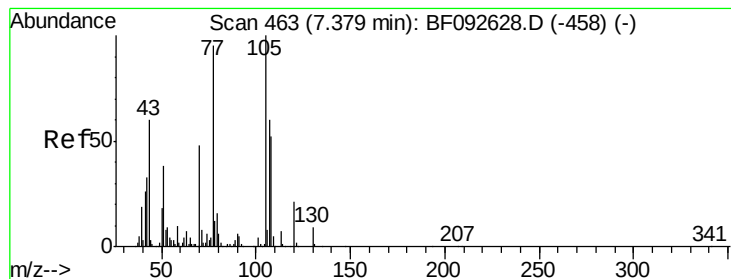
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#18
Hexachloroethane
Concen: 38.83 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	172351		
119	97.8	78.1	117.1	
201	70.2	78.6	117.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 41.05 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

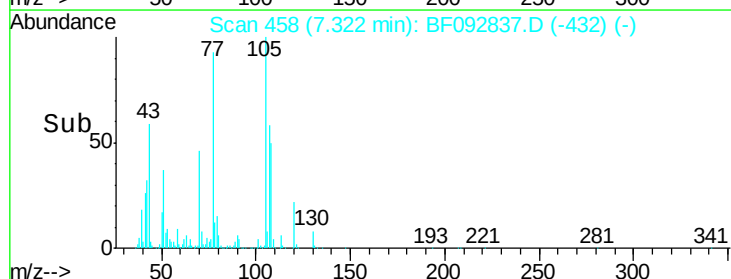
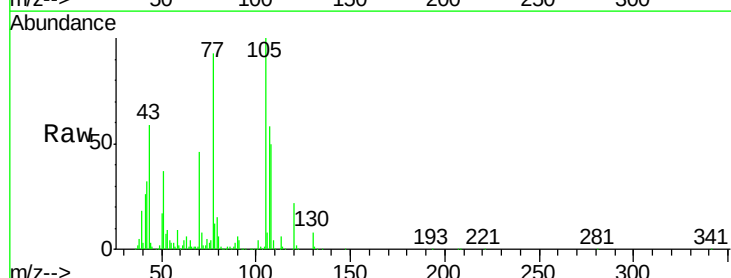
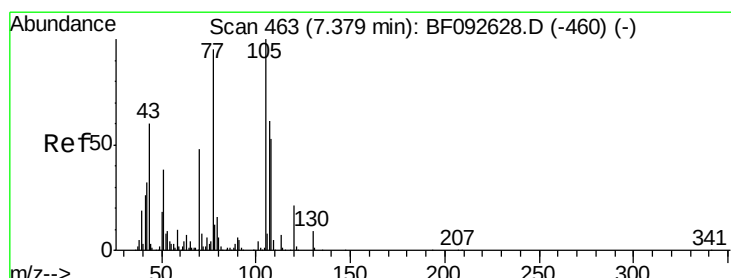
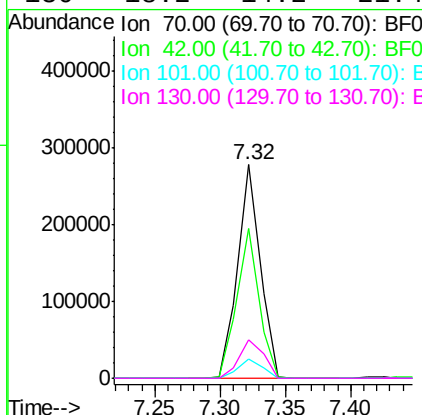
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.3	49.4	74.0	
101	9.0	7.4	11.2	
130	18.2	14.2	21.4	

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#20

3+4-Methylphenols

Concen: 43.70 ng

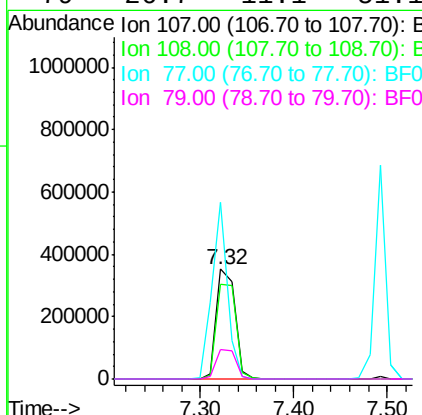
RT: 7.32 min Scan# 458

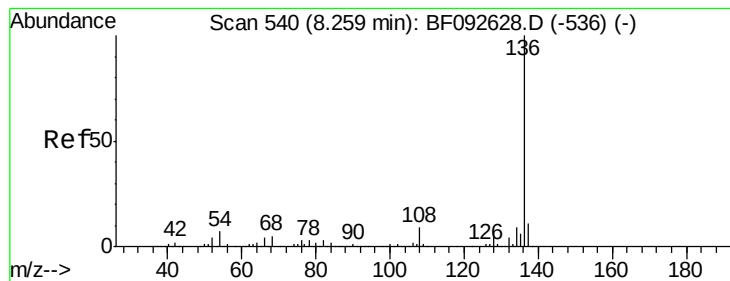
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	73.0	113.0	
77	160.3	71.3	111.3#	
79	26.7	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: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

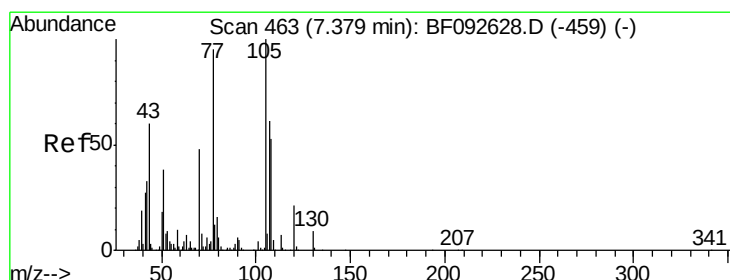
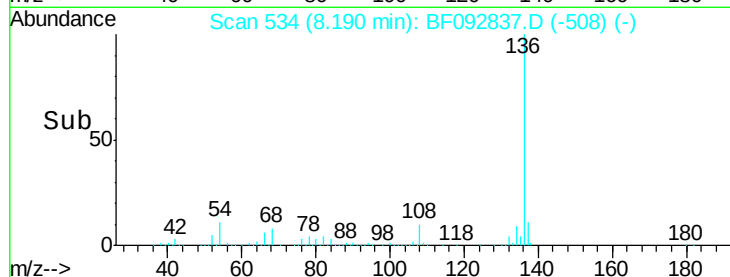
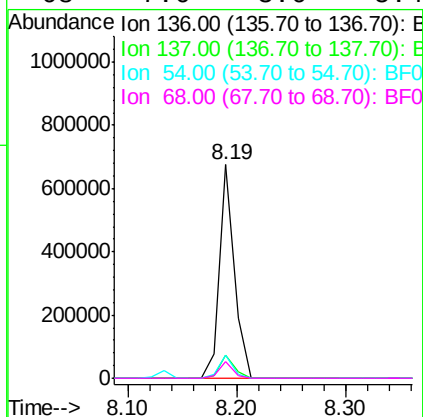
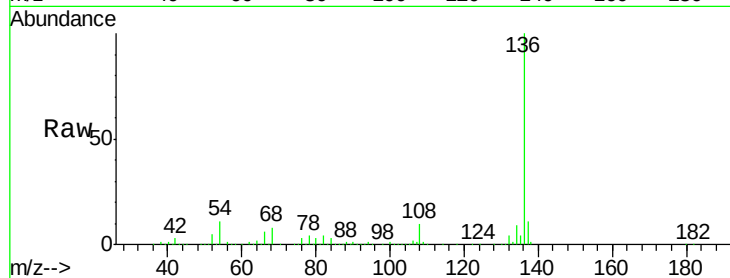
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	649583		
137	10.9		8.4	12.6
54	11.0		4.5	6.7#
68	7.6		3.6	5.4#

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#22

Acetophenone

Concen: 44.24 ng

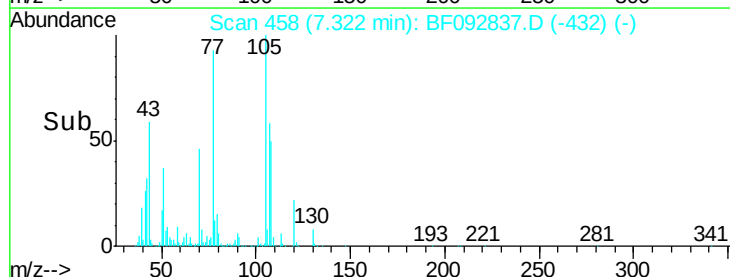
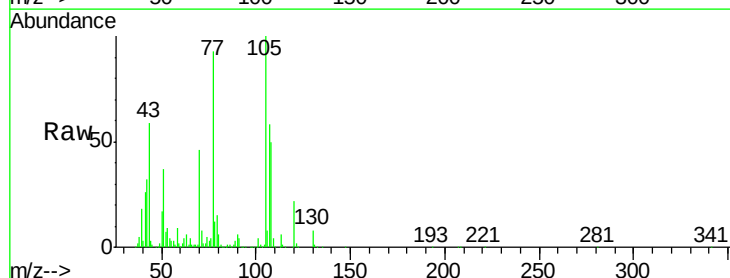
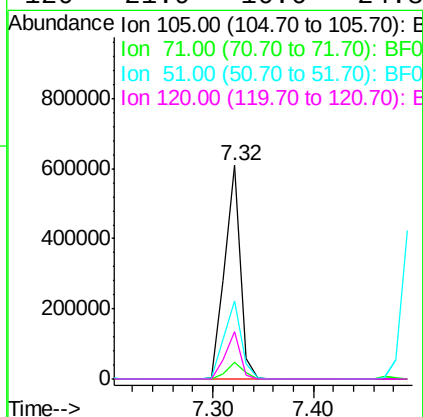
RT: 7.32 min Scan# 458

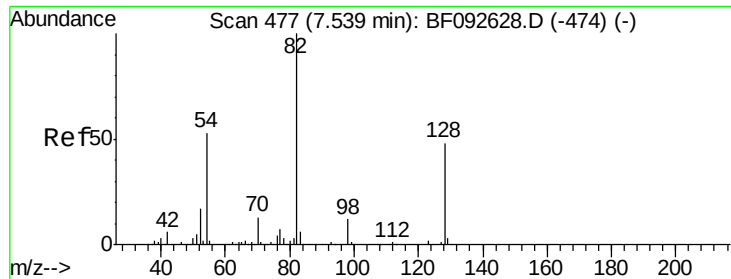
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	656113		
71	7.9		3.2	4.8#
51	36.6		26.2	39.4
120	21.9		16.6	24.8





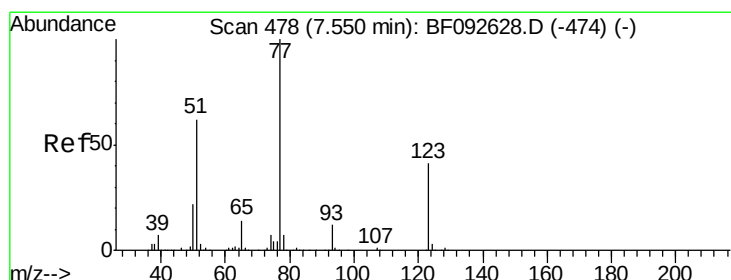
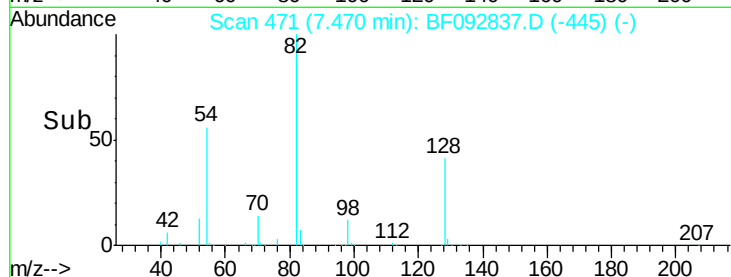
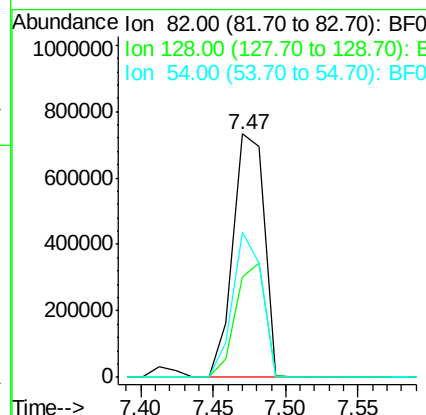
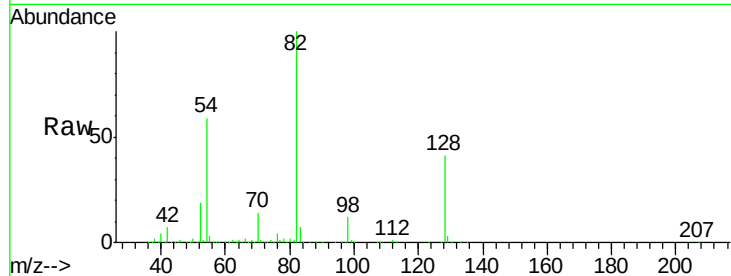
#23
 Nitrobenzene-d5
 Concen: 94.16 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	59.4	39.5	59.3#

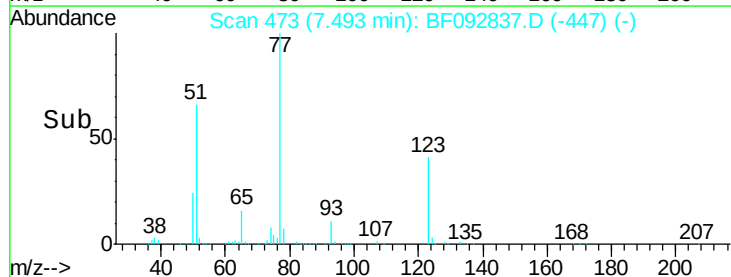
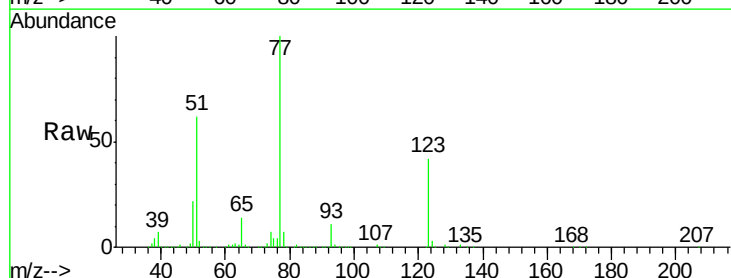
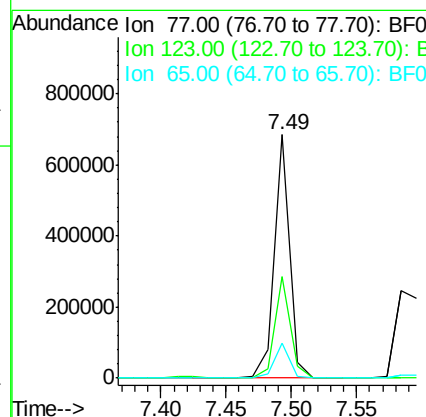
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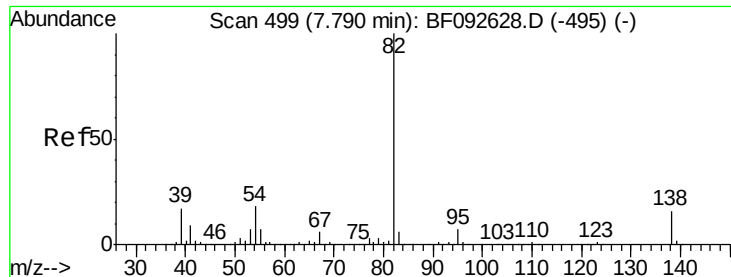
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#24
 Nitrobenzene
 Concen: 46.58 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 47.84 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

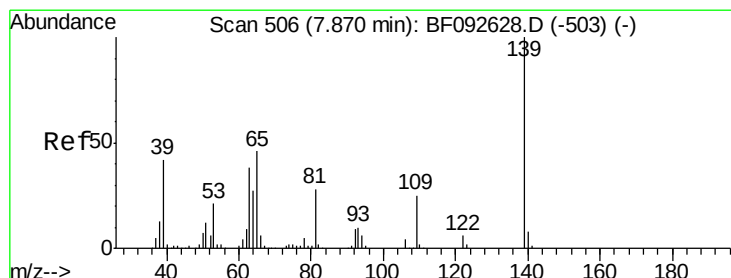
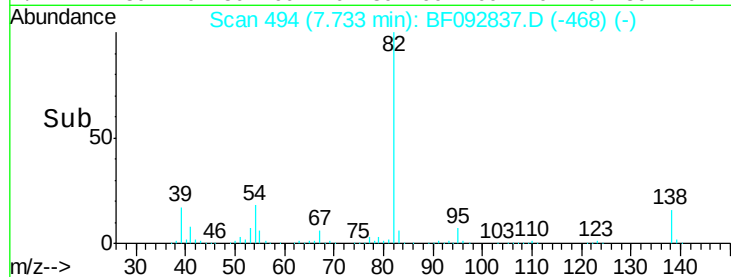
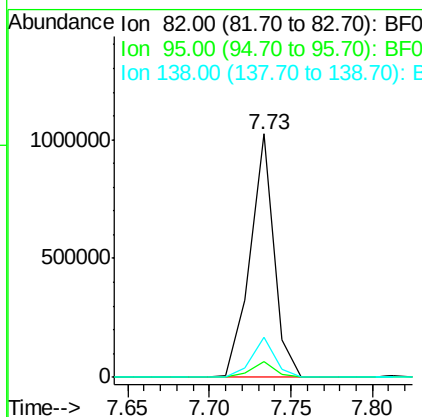
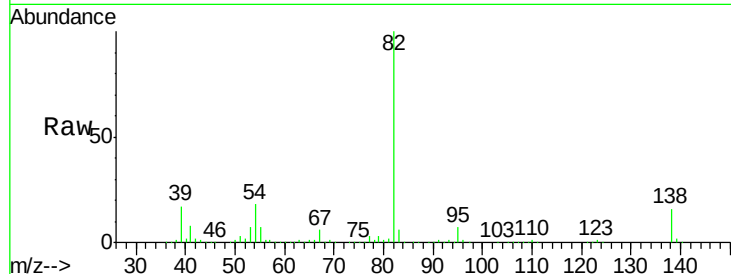
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	82	Resp:	1039945
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.6	8.4
138	16.3	14.6	22.0

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#26

2-Nitrophenol

Concen: 50.08 ng

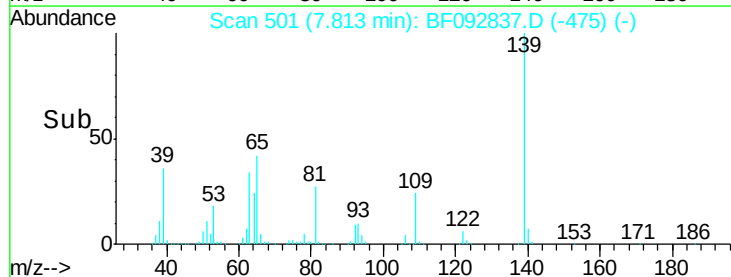
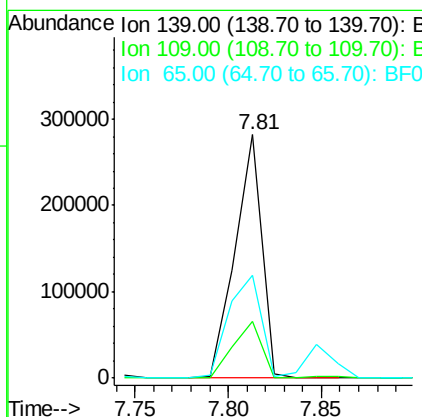
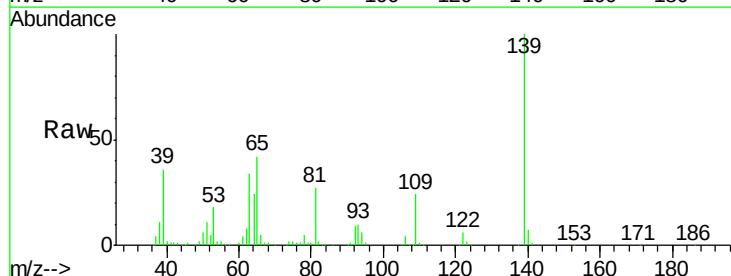
RT: 7.81 min Scan# 501

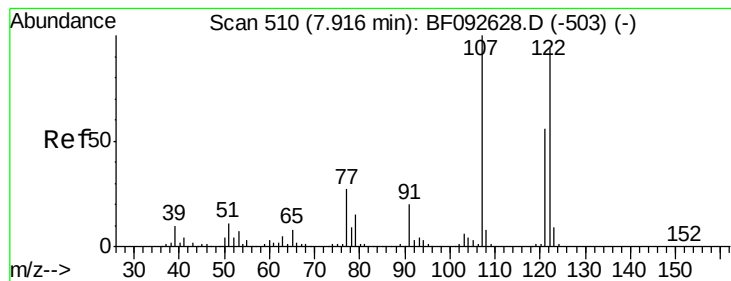
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	139	Resp:	285163
Ion	Ratio	Lower	Upper
139	100		
109	23.5	23.3	34.9
65	42.3	42.7	64.1#





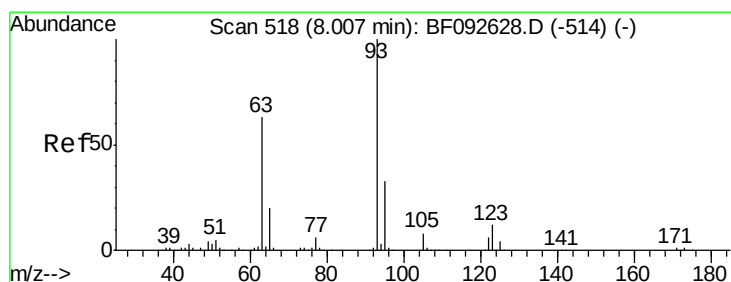
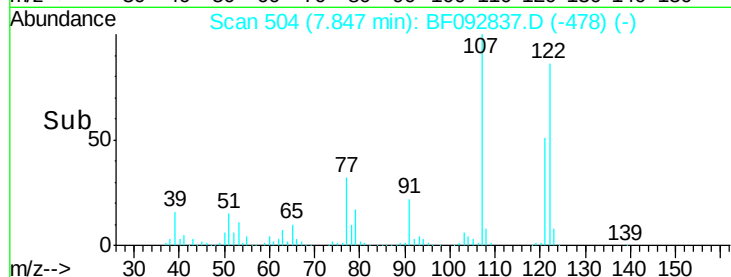
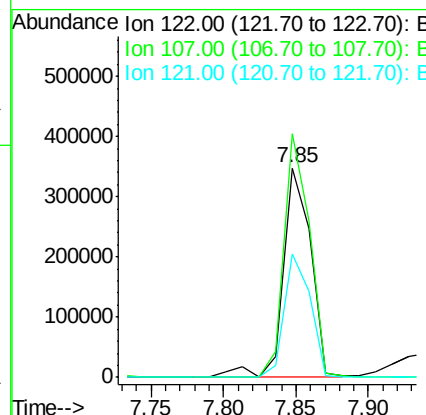
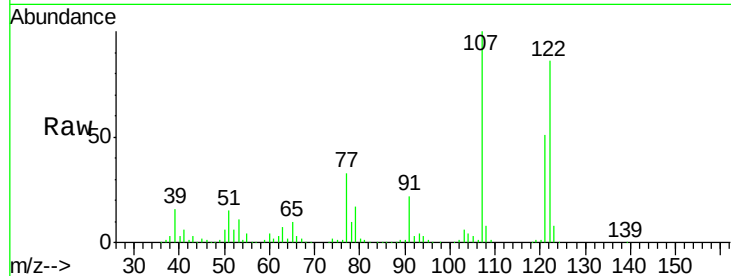
#27
2,4-Dimethylphenol
Concen: 45.66 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.2	94.1	141.1
121	58.8	46.0	69.0

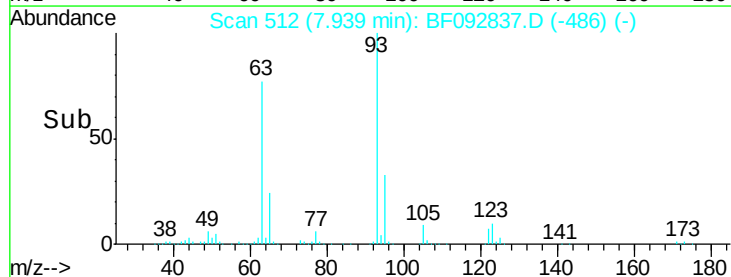
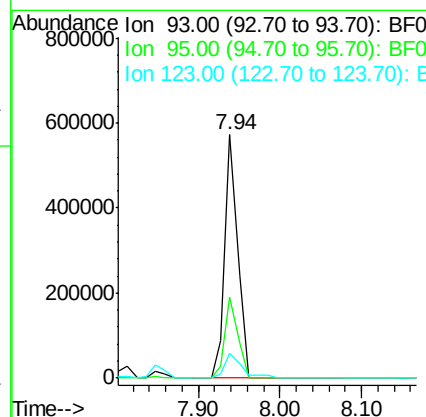
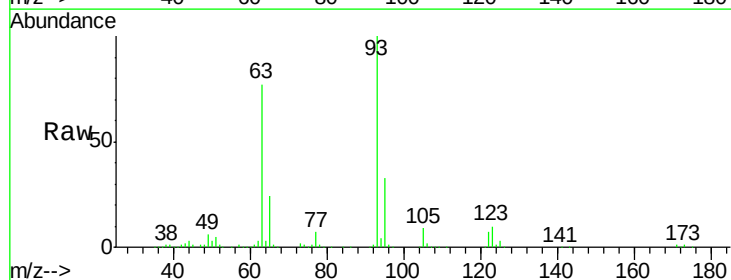
Manual Integrations
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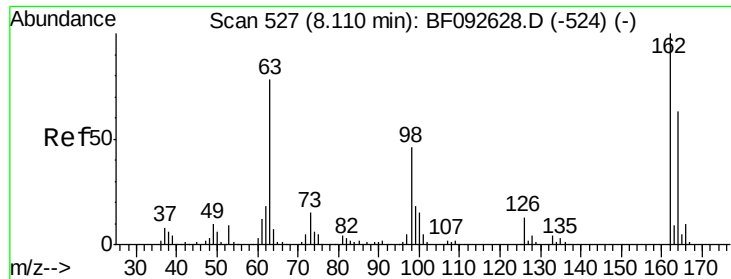
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.47 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	10.2	8.6	13.0





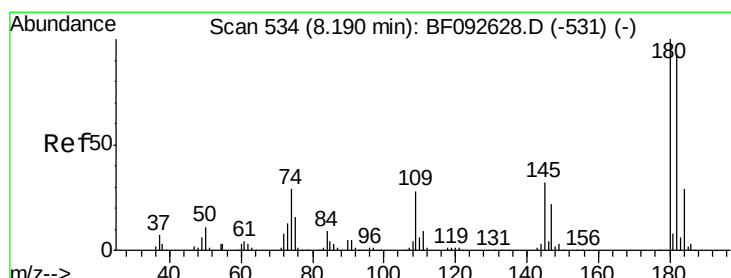
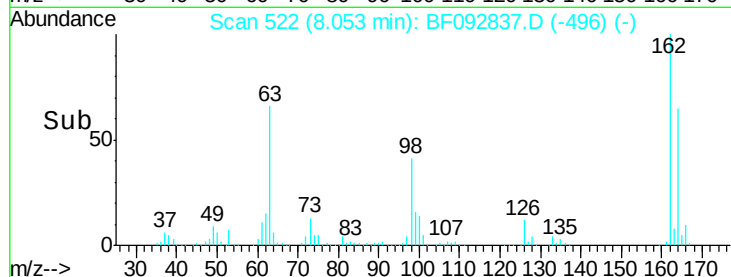
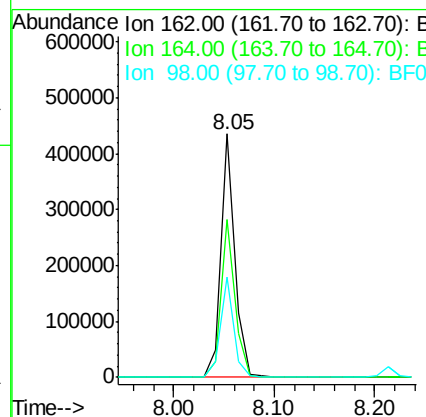
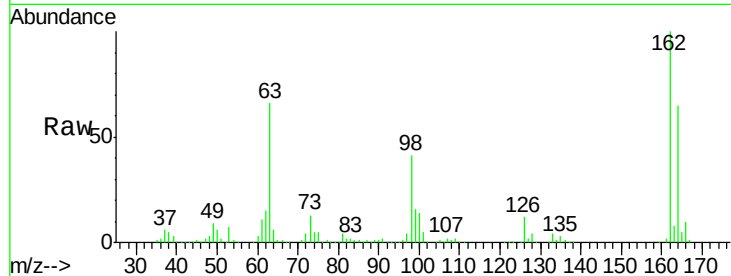
#29
2,4-Dichlorophenol
Concen: 44.95 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		419197		
164	64.6	46.8	86.8		
98	41.0	9.1	49.1		

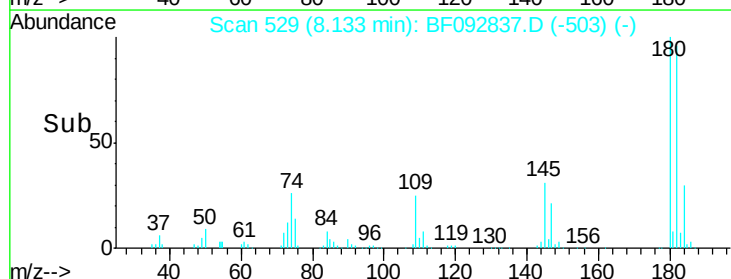
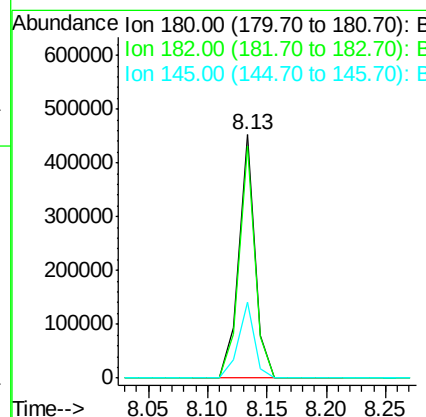
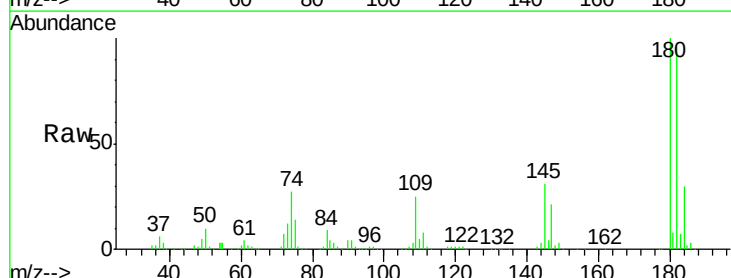
Manual Integrations
APPROVED

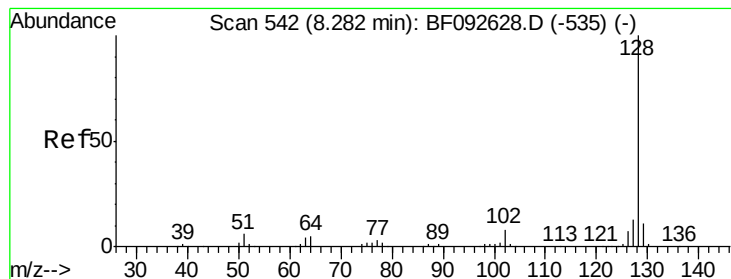
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.75 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		429655		
182	95.6	78.2	117.4		
145	31.0	21.6	32.4		





#31

Naphthalene

Concen: 39.59 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

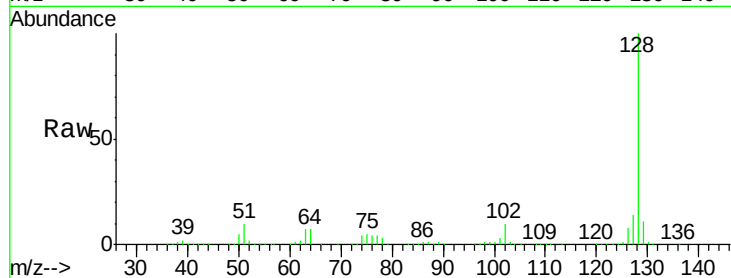
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

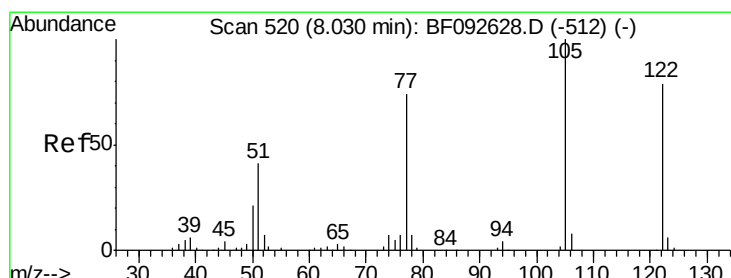
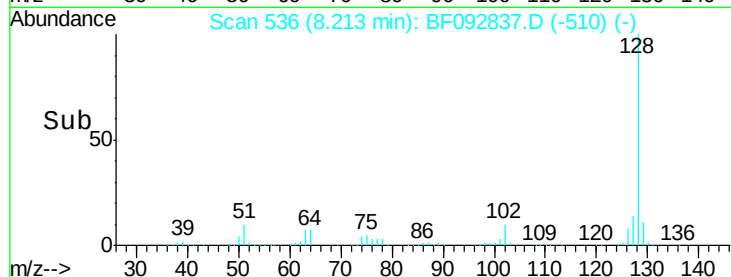
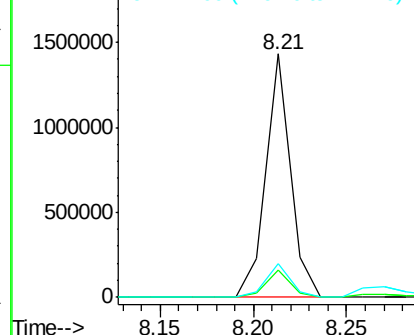
Tot Ion:	128	Resp:	1303557
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.7	10.8	16.2

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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: 52.64 ng

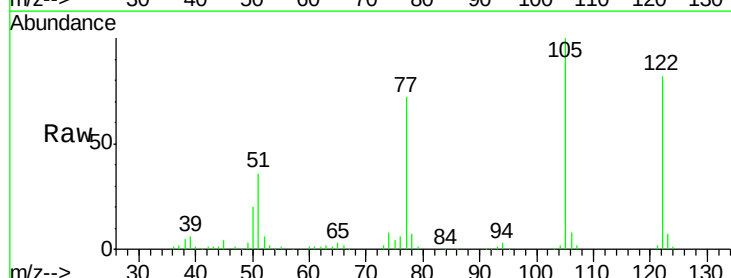
RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

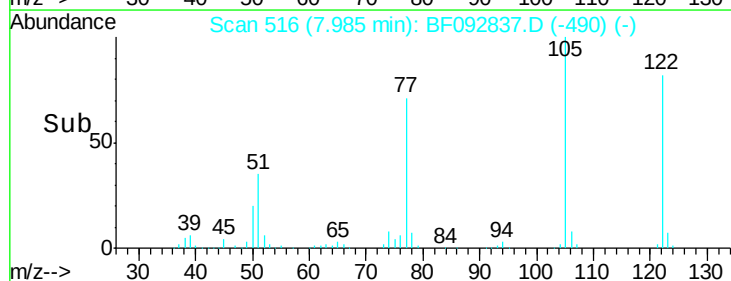
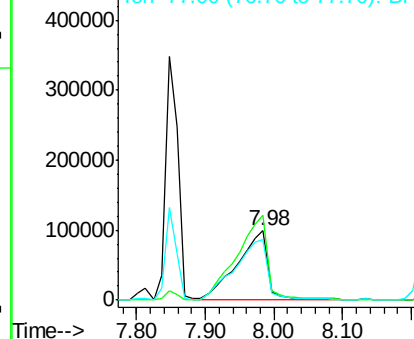
Lab File: BF092837.D

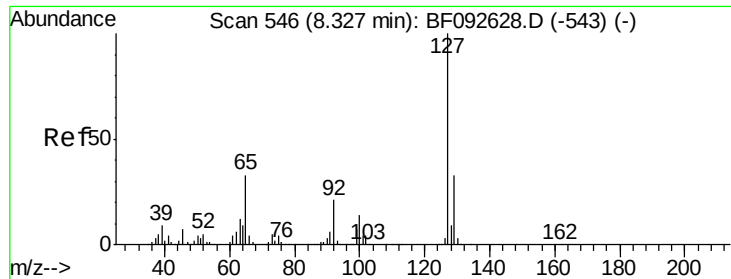
Acq: 7 Feb 2017 19:23

Tgt Ion:	122	Resp:	302857
Ion	Ratio	Lower	Upper
122	100		
105	121.8	107.2	147.2
77	88.1	74.5	114.5



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





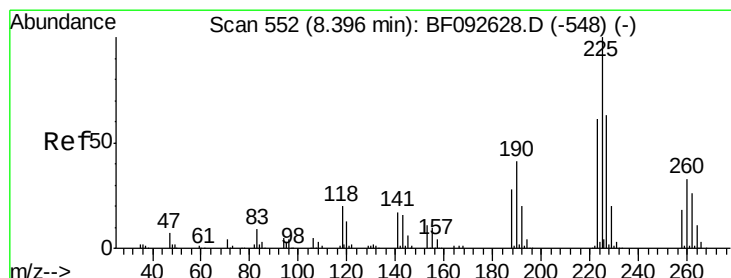
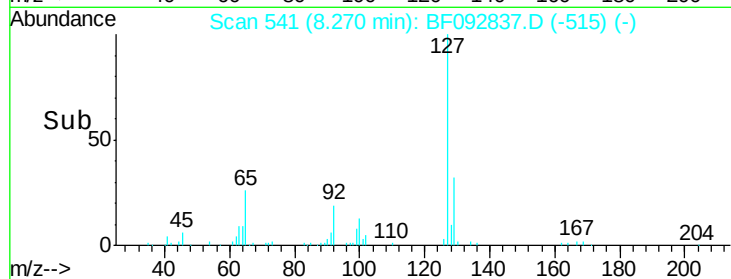
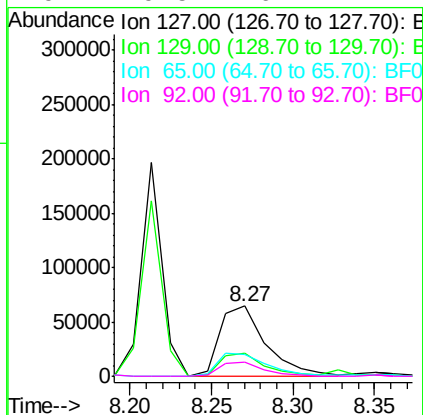
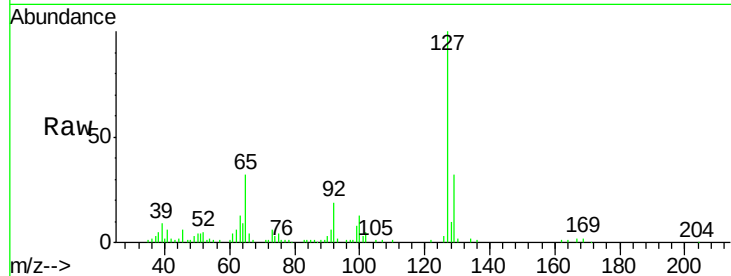
#33
4-Chloroaniline
Concen: 9.76 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.3	39.5		
65	31.9	25.8	38.8		
92	19.5	16.1	24.1		

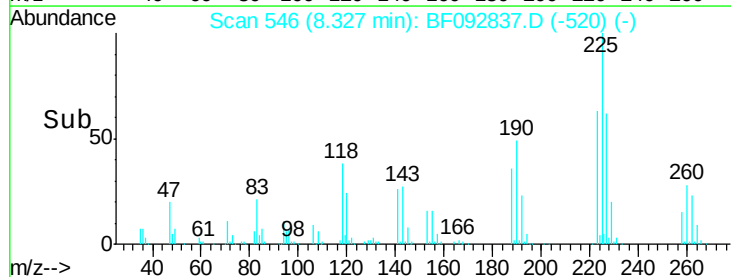
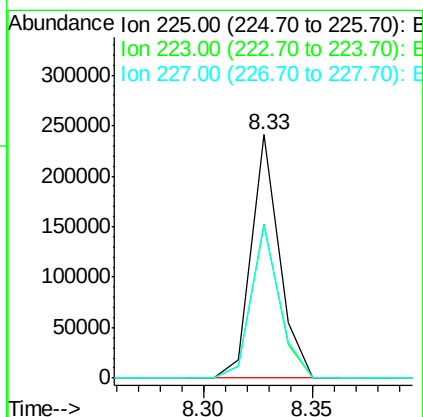
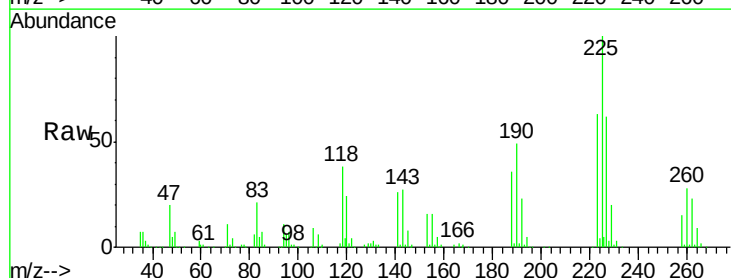
Manual Integrations
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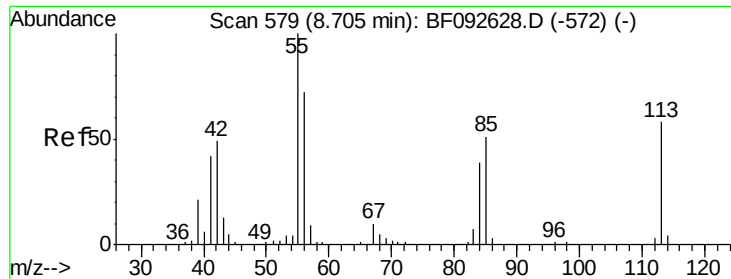
mohammad
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#34
Hexachlorobutadiene
Concen: 39.03 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.0	76.6		
227	62.5	50.6	76.0		





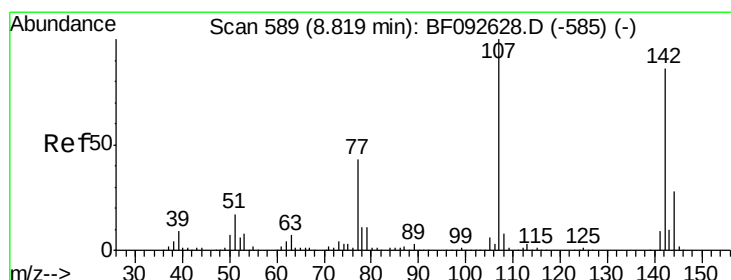
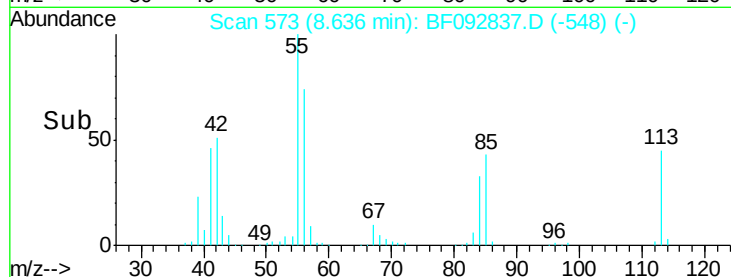
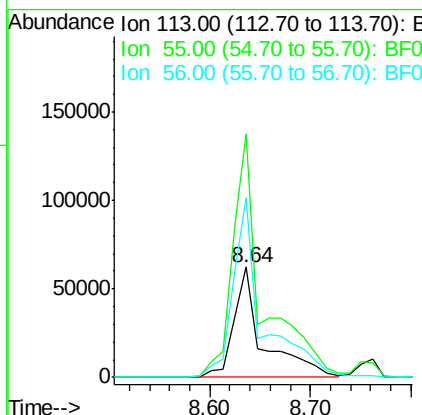
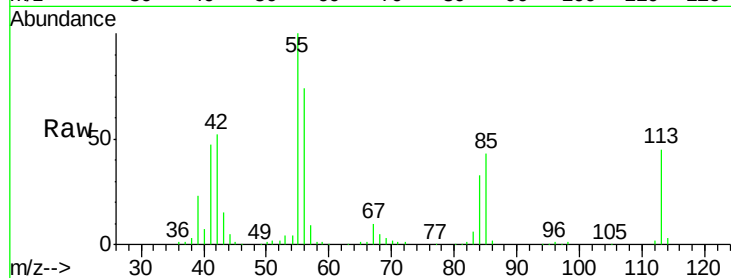
#35
 Caprolactam
 Concen: 42.57 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	221.1	119.2	159.2#
56	163.5	83.8	123.8#

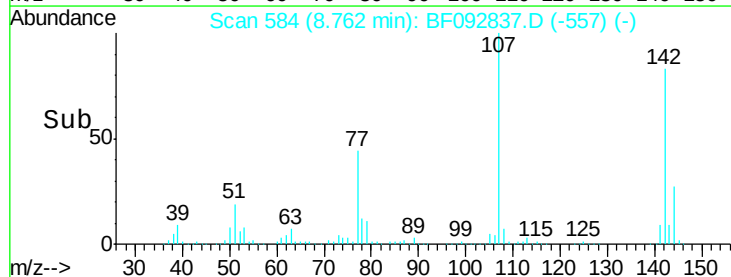
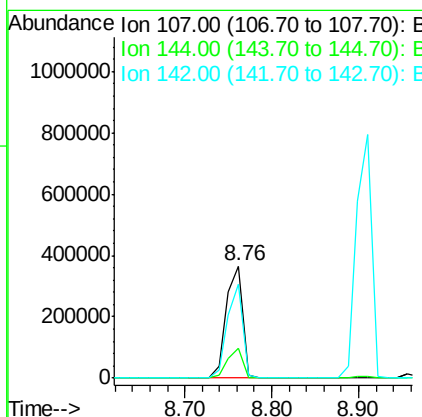
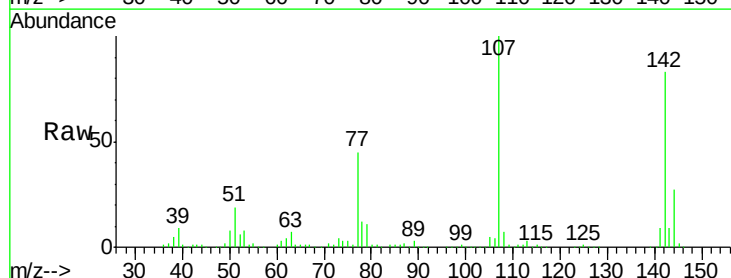
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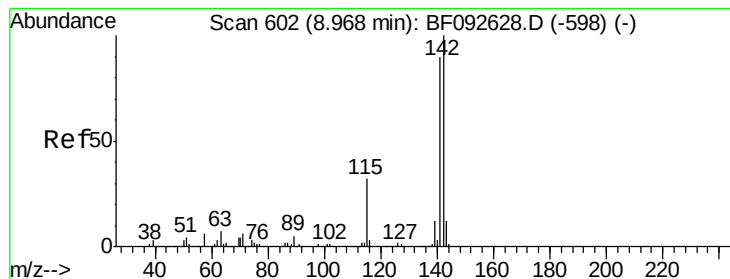
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 49.53 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	19.3	28.9
142	83.4	59.0	88.6





#37

2-Methylnaphthalene

Concen: 46.04 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

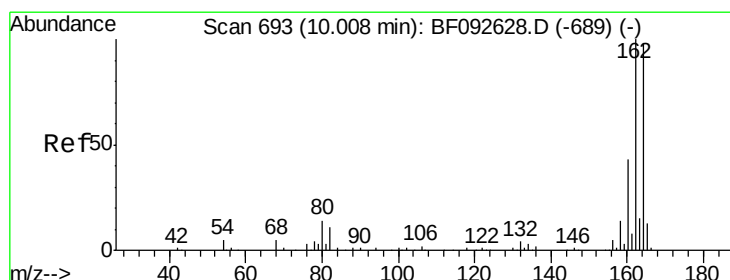
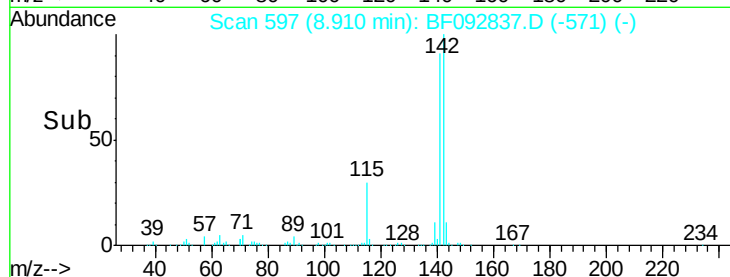
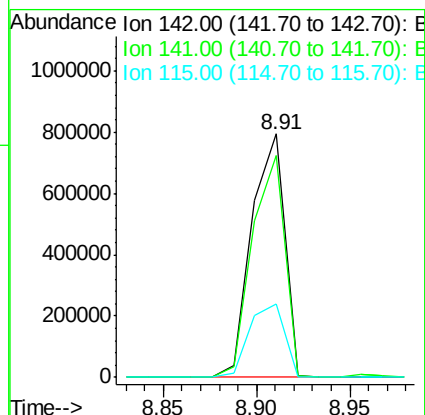
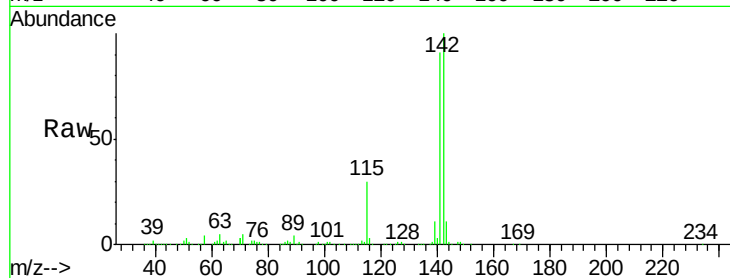
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	142	Resp:	973493
Ion Ratio	Lower	Upper	
142	100		
141	91.3	71.0	106.6
115	30.4	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

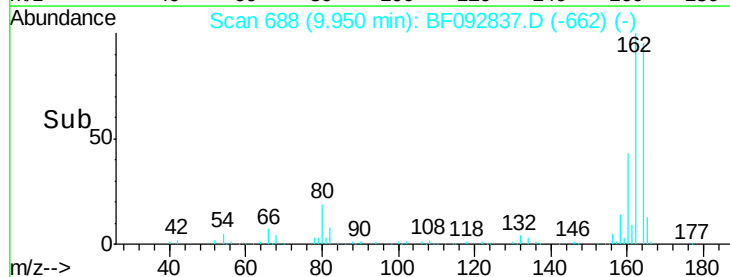
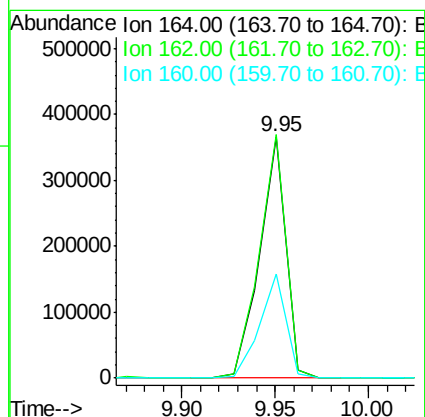
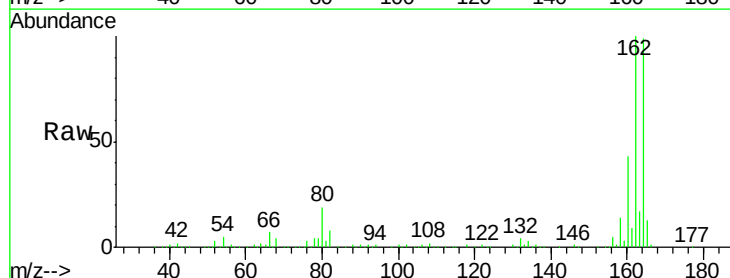
RT: 9.95 min Scan# 688

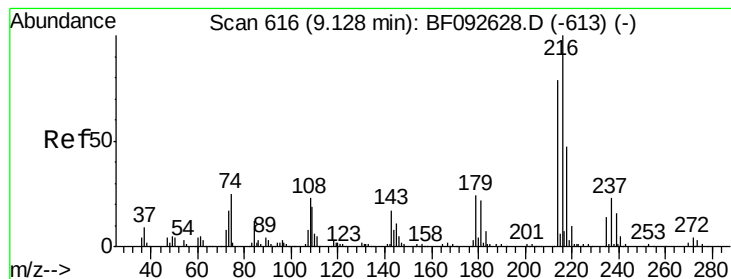
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	164	Resp:	355268
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.2	120.2
160	43.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.17 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

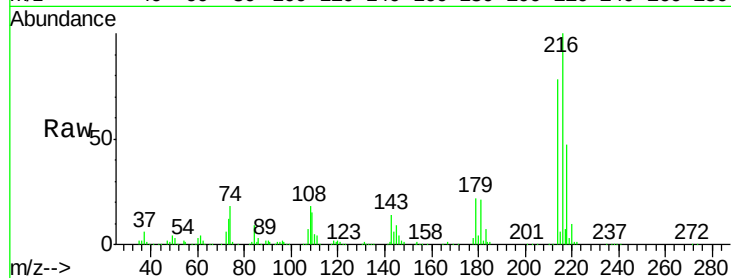
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	216	Resp:	410577
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.4	95.0
179	21.9	17.4	26.2
108	19.4	15.6	23.4

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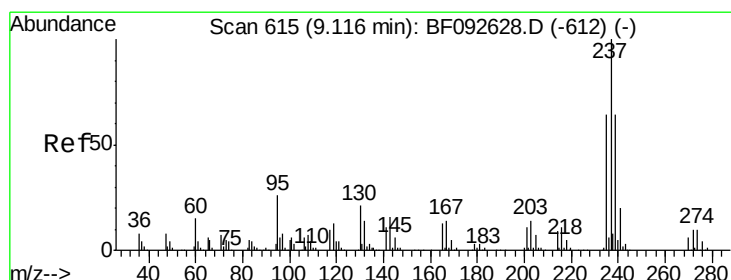
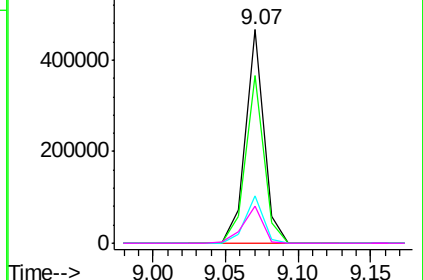
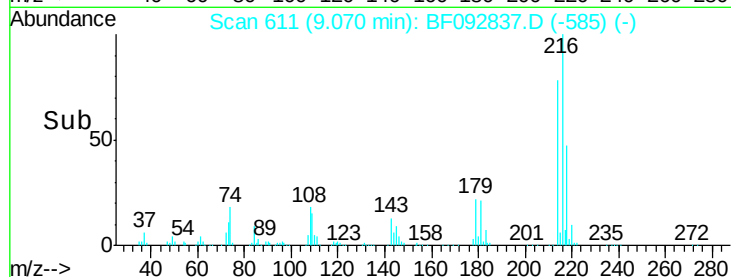


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 29.51 ng

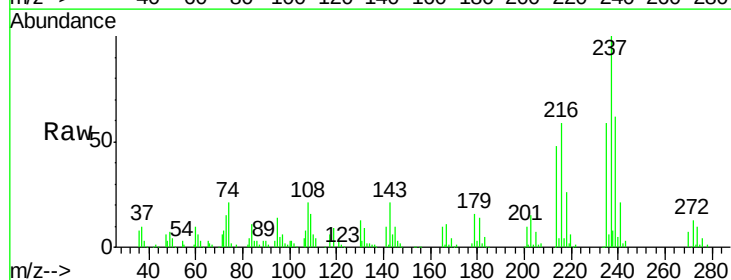
RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

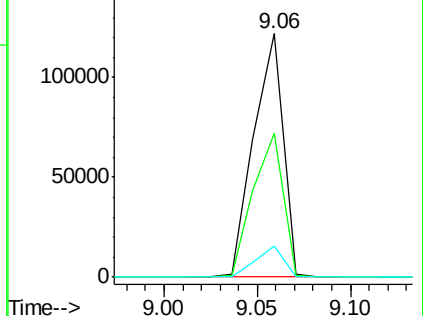
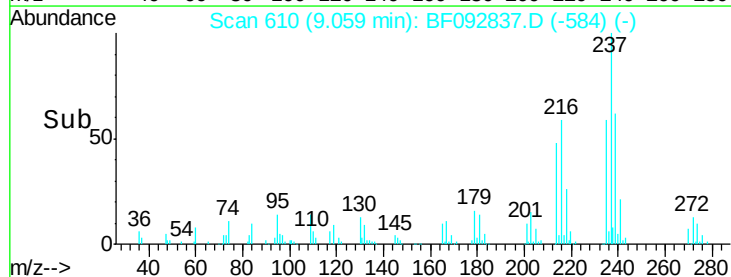
Tgt Ion:	237	Resp:	132793
Ion Ratio	Lower	Upper	
237	100		
235	59.3	41.2	81.2
272	12.9	0.0	35.4

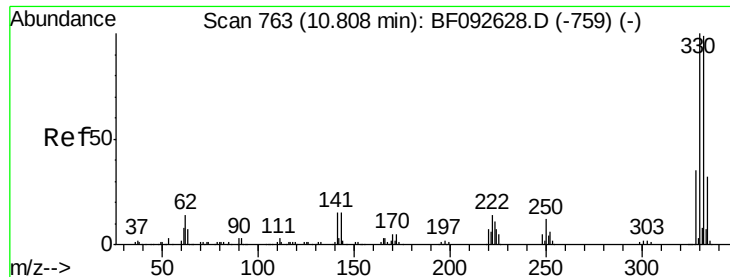


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 104.70 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

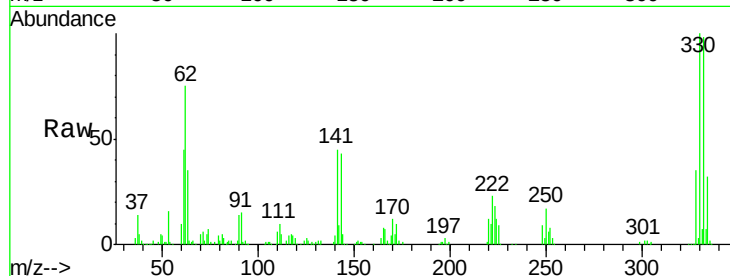
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

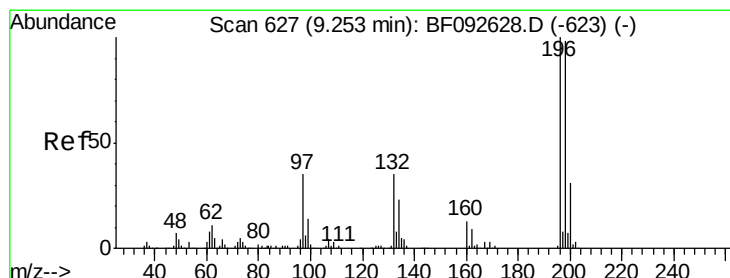
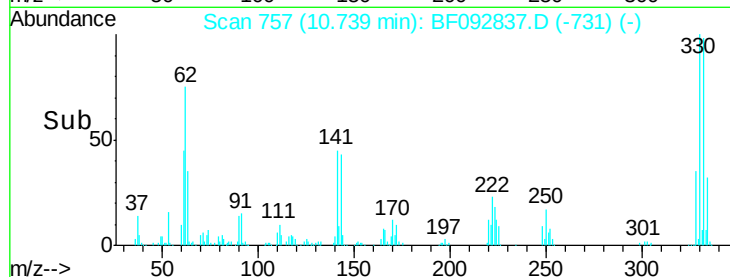
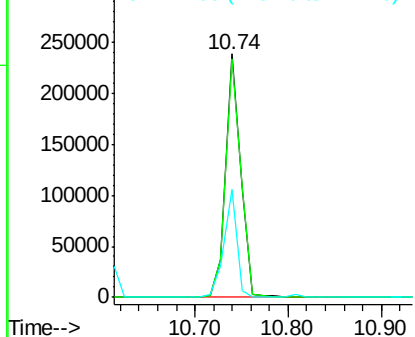
Tot Ion:	330	Resp:	269032
Ion Ratio	Lower	Upper	
330	100		
332	98.9	77.4	116.2
141	37.5	34.1	51.1

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



#42

2,4,6-Trichlorophenol

Concen: 44.34 ng

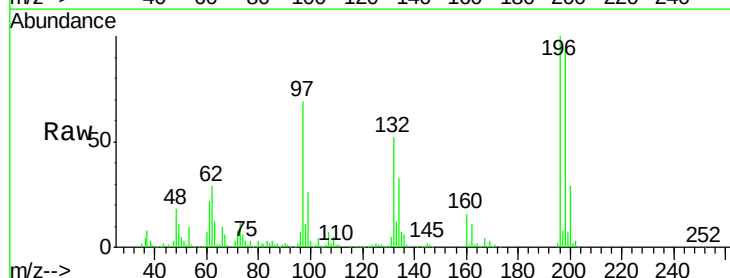
RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

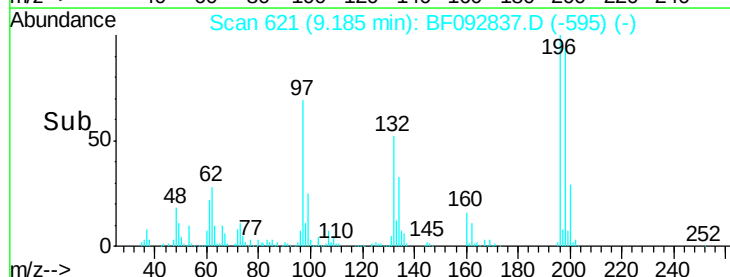
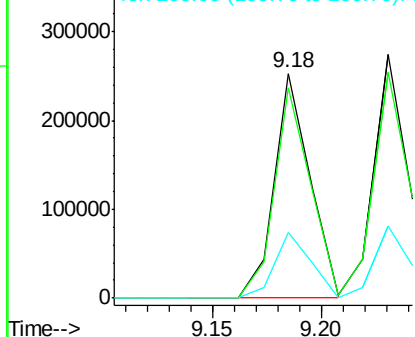
Lab File: BF092837.D

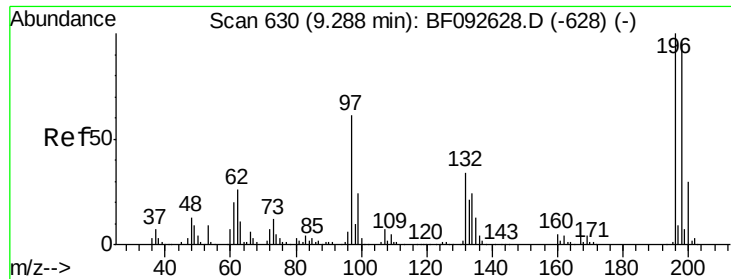
Acq: 7 Feb 2017 19:23

Tgt Ion:	196	Resp:	290574
Ion Ratio	Lower	Upper	
196	100		
198	93.7	82.1	123.1
200	29.2	27.0	40.4



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





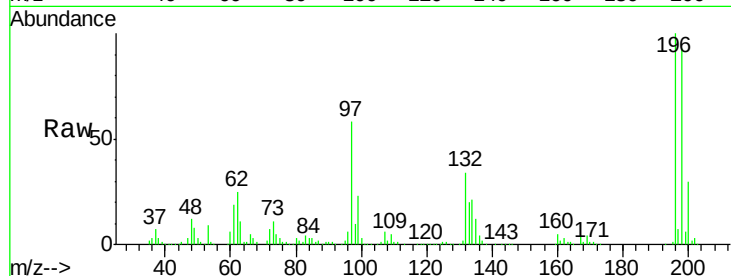
#43
 2,4,5-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300242		
198	92.9	79.4	119.2	
97	57.7	51.5	77.3	
132	33.8	27.4	41.2	

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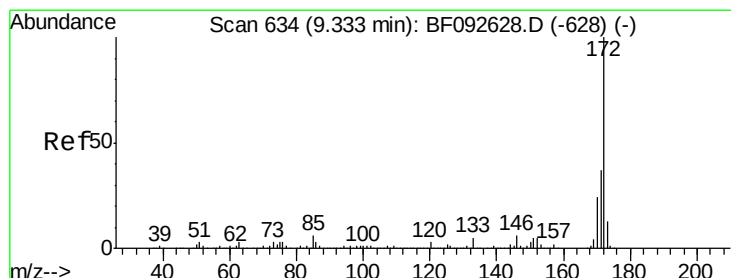
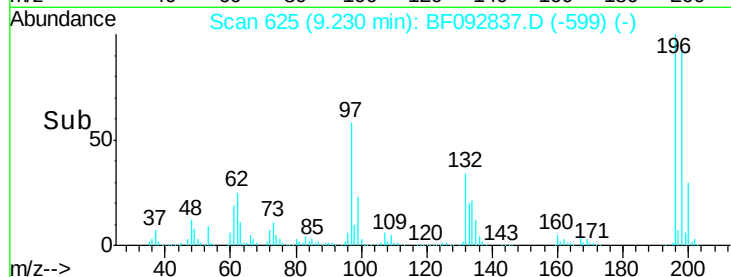
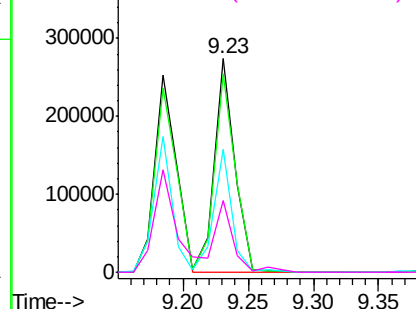
Abundance

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: 87.34 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

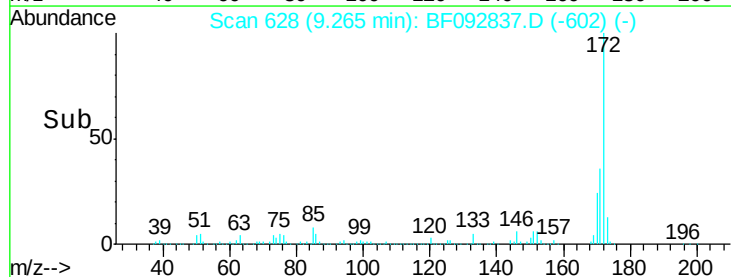
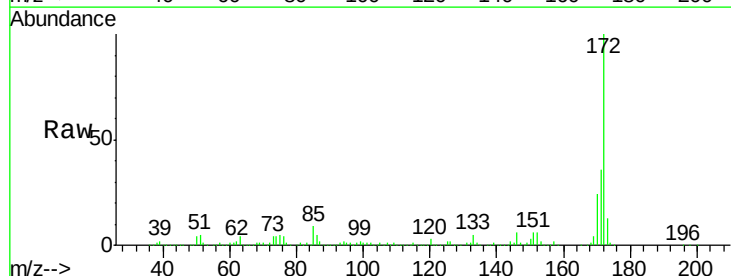
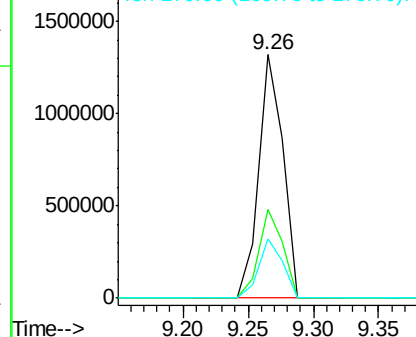
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1712675		
171	36.3	29.4	44.0	
170	24.3	20.2	30.4	

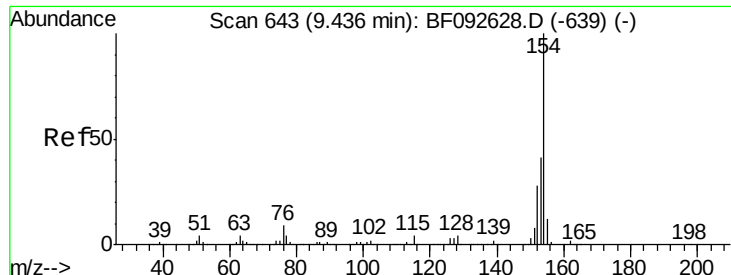
Abundance

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





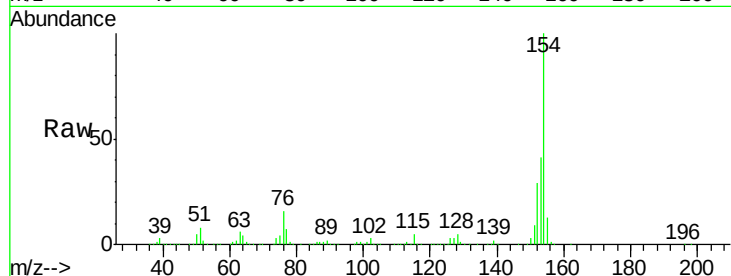
#45
1,1'-Biphenyl
Concen: 41.30 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

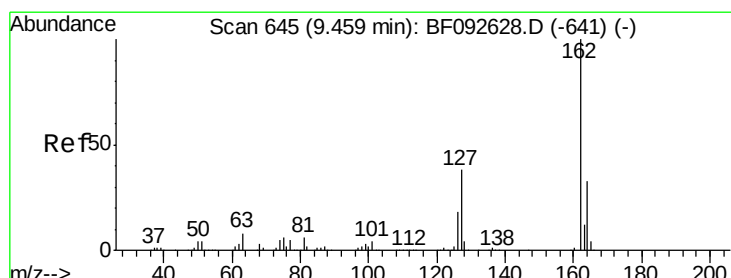
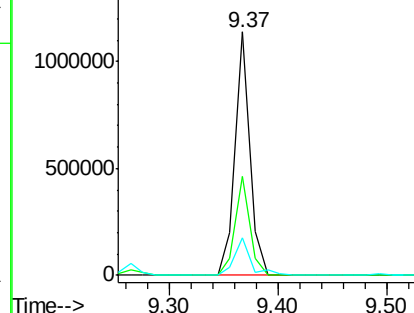
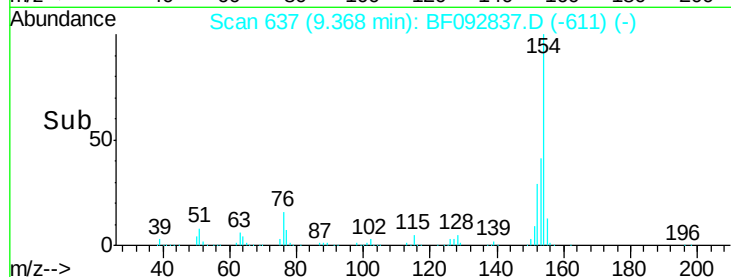
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	15.6	0.0	30.5

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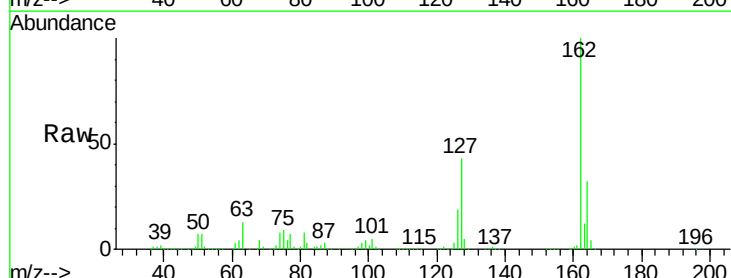


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

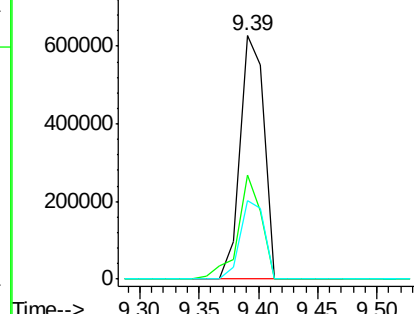
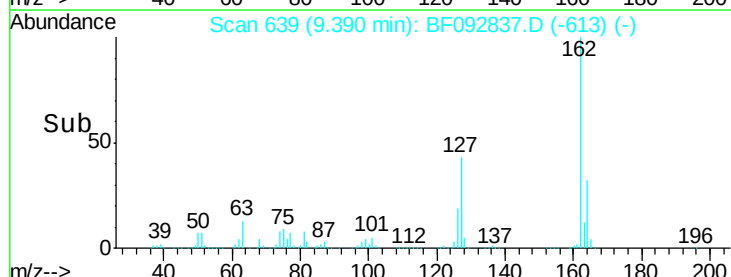


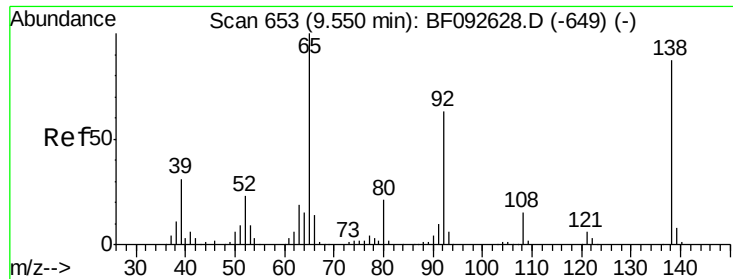
#46
2-Chloronaphthalene
Concen: 43.75 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	30.7	46.1
164	32.3	27.6	41.4



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





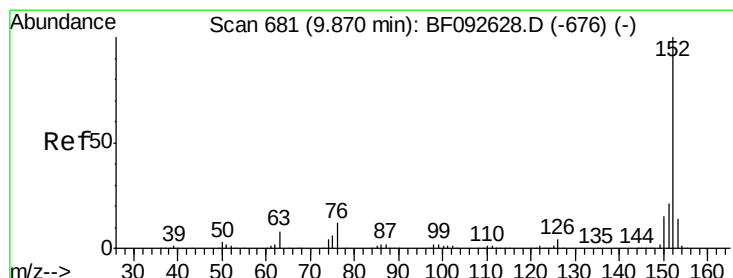
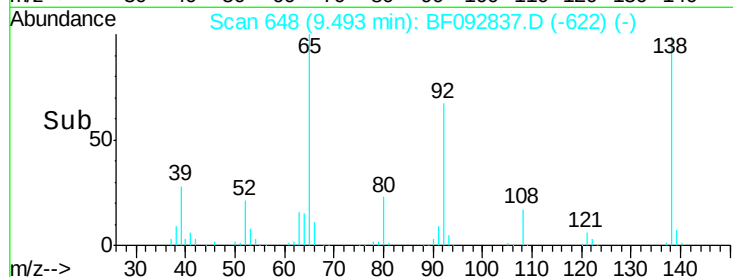
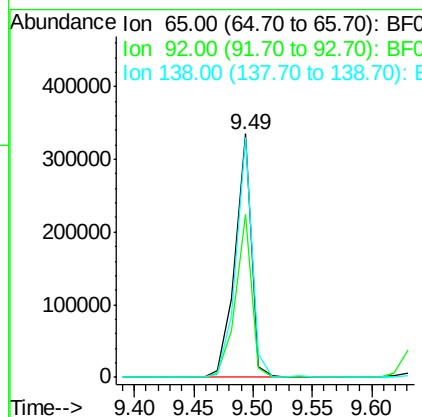
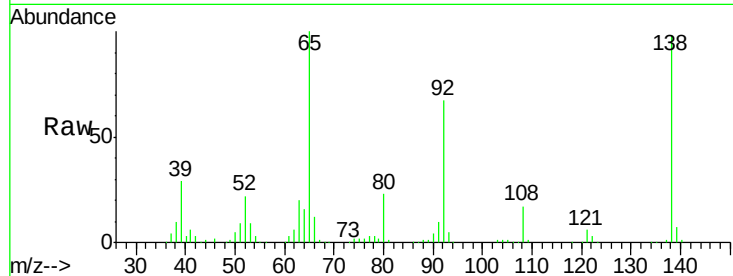
#47
2-Nitroaniline
Concen: 47.48 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.9	80.9
138	98.4	76.8	115.2

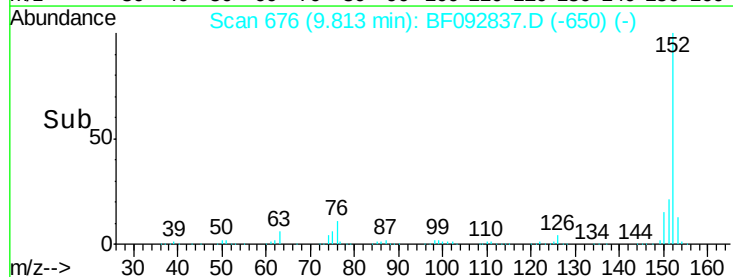
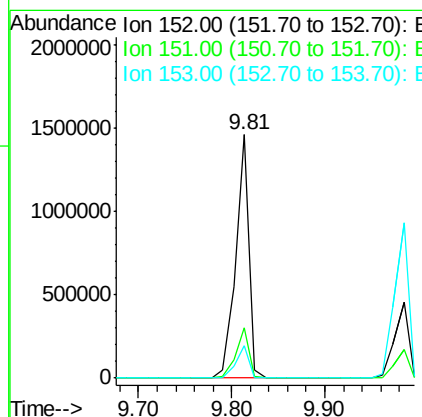
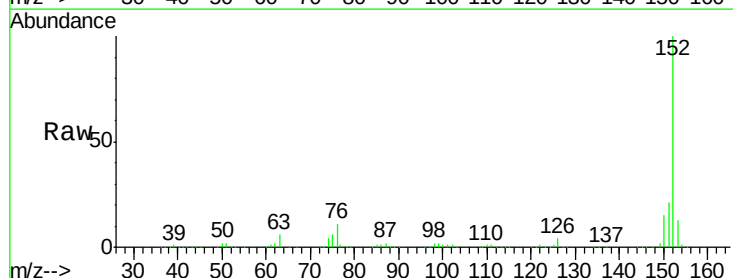
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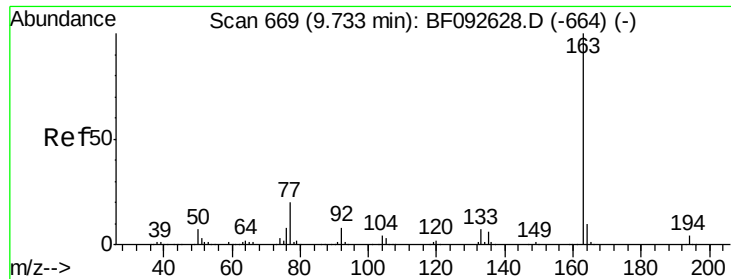
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#48
Acenaphthylene
Concen: 41.52 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.3	11.4	17.2





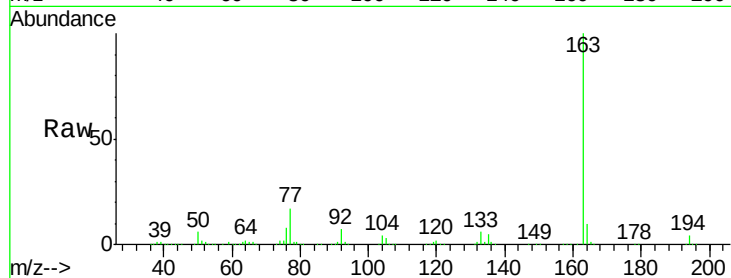
#49
Dimethylphthalate
Concen: 48.95 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

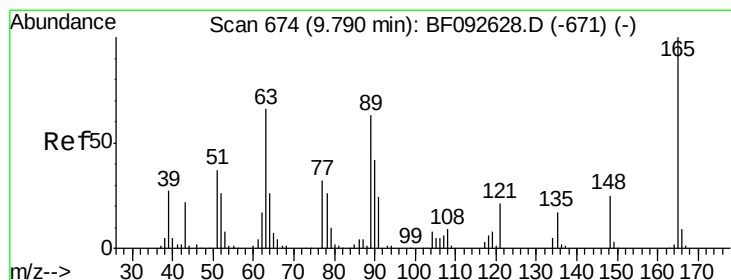
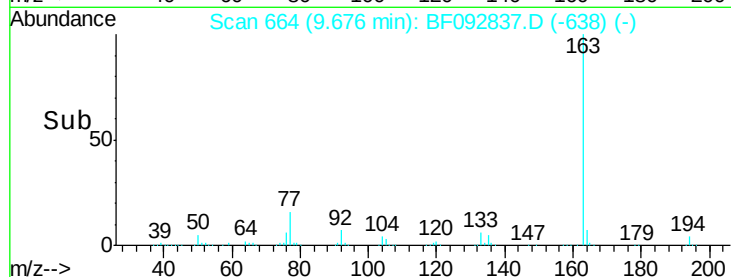
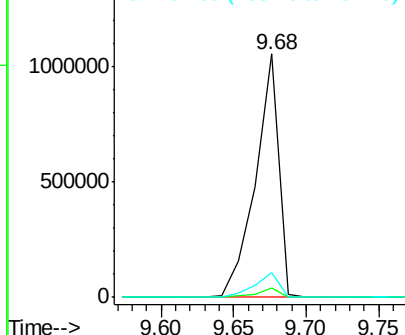
Tot Ion:163 Resp: 1171372
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.2 8.0 12.0

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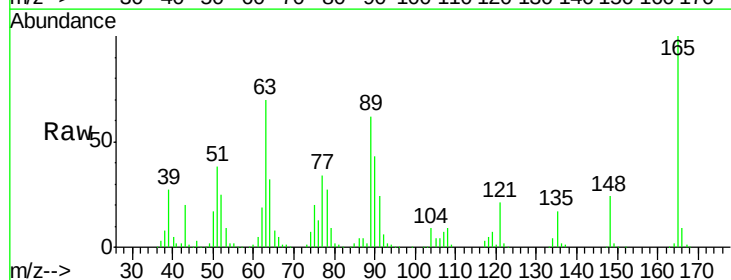


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

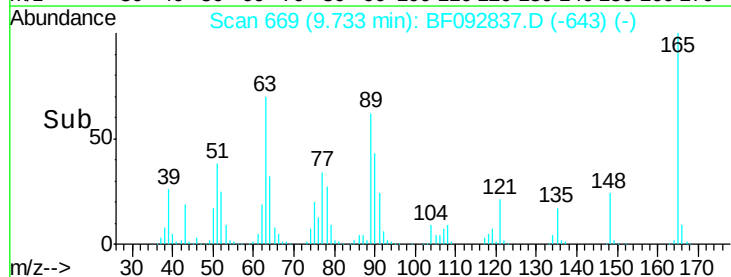
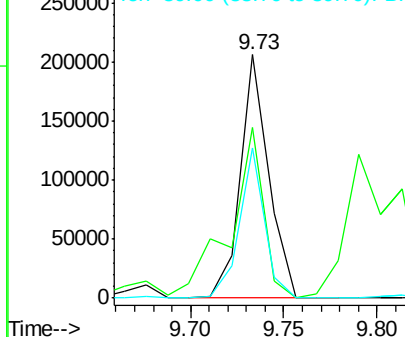


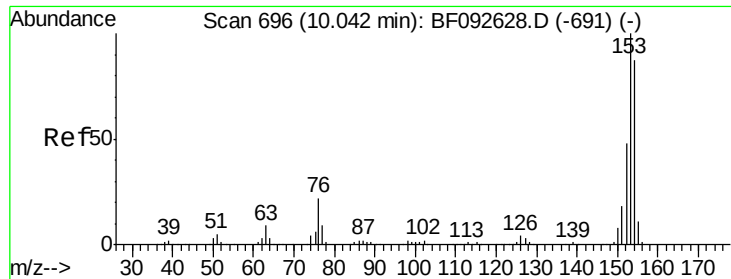
#50
2,6-Dinitrotoluene
Concen: 41.89 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion:165 Resp: 216469
Ion Ratio Lower Upper
165 100
63 70.2 36.2 54.4#
89 61.7 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: 43.01 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

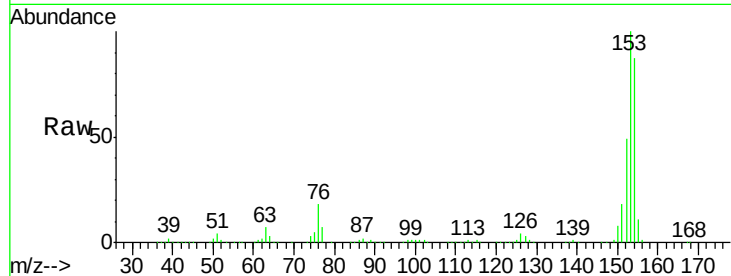
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

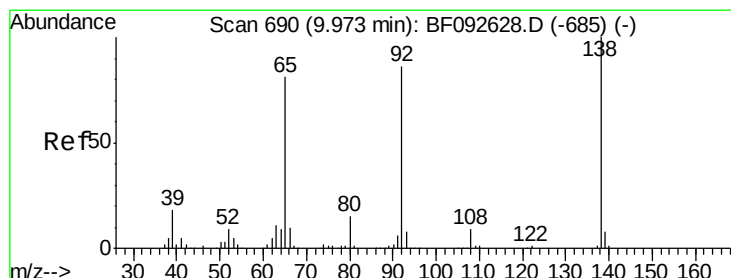
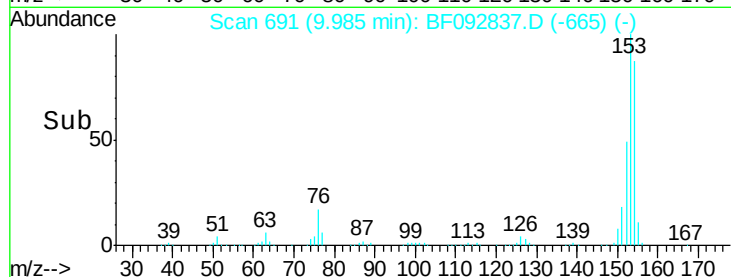
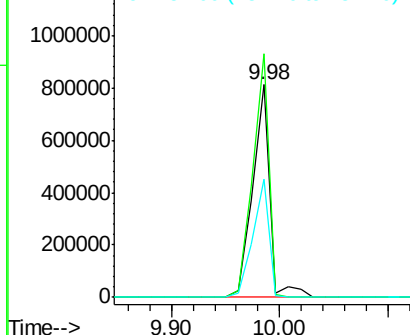
Tot Ion:	154	Resp:	893937
Ion Ratio	Lower	Upper	
154	100		
153	114.6	88.6	133.0
152	55.7	41.6	62.4

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



#52

3-Nitroaniline

Concen: 24.18 ng

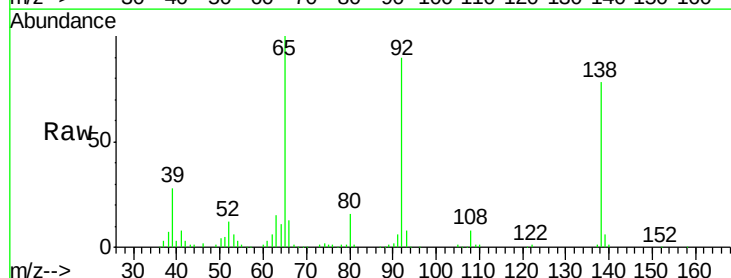
RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

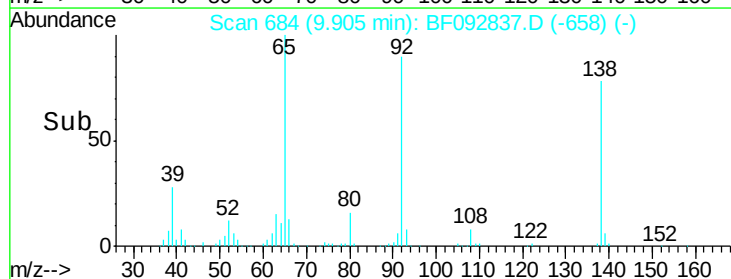
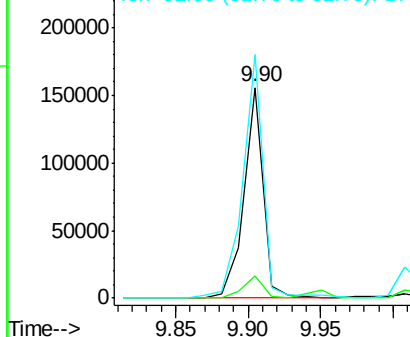
Lab File: BF092837.D

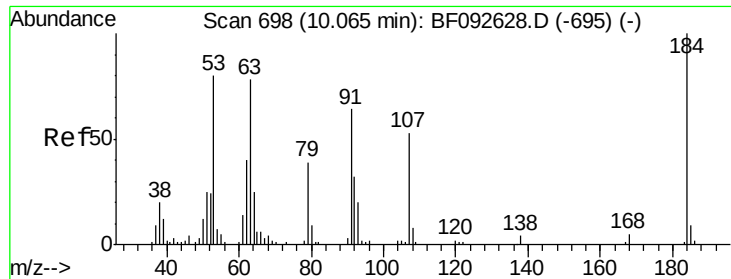
Acq: 7 Feb 2017 19:23

Tgt Ion:	138	Resp:	143021
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.5	12.7
92	115.4	97.8	146.8



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





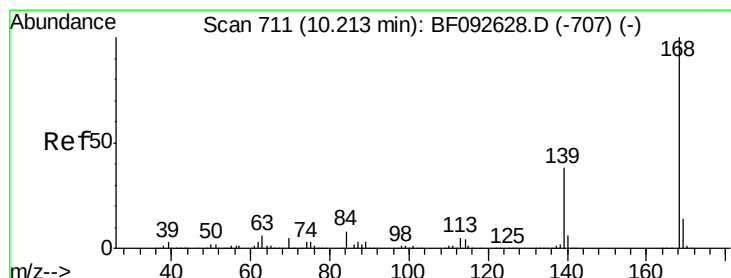
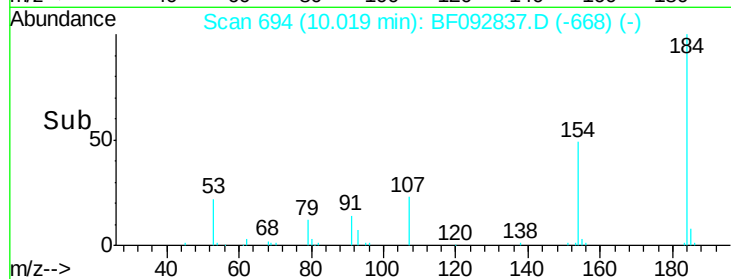
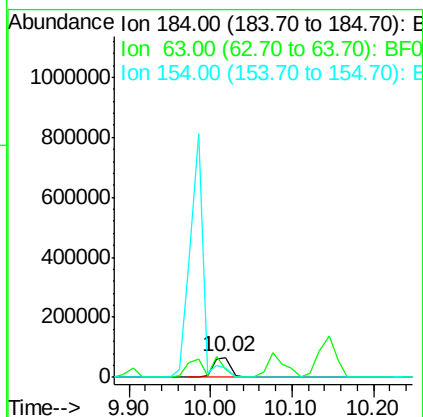
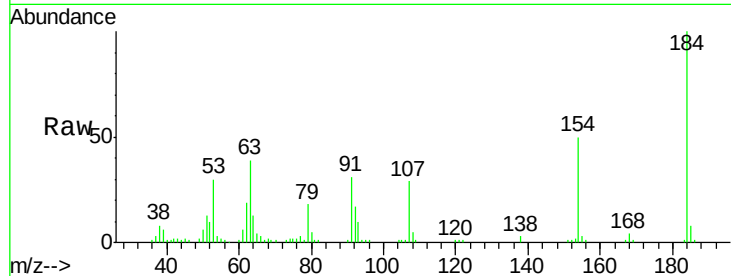
#53
 2,4-Dinitrophenol
 Concen: 41.03 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	101427		
63	38.7	28.4	42.6	
154	50.0	44.3	66.5	

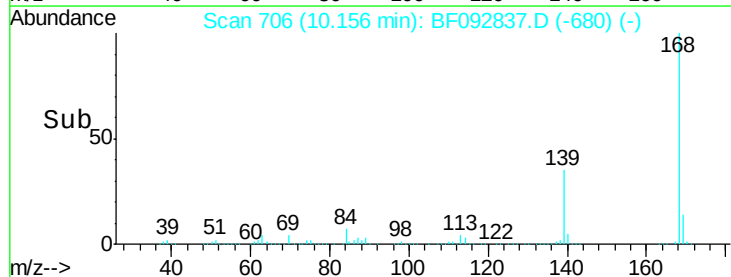
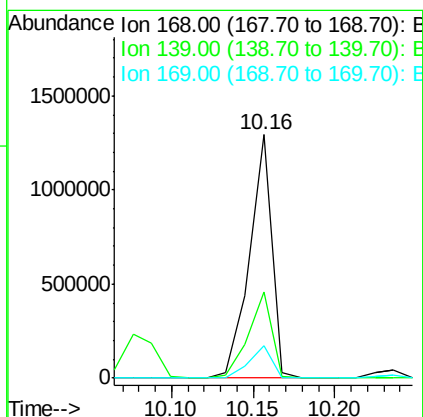
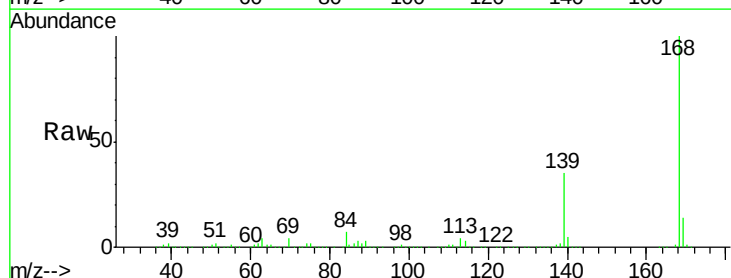
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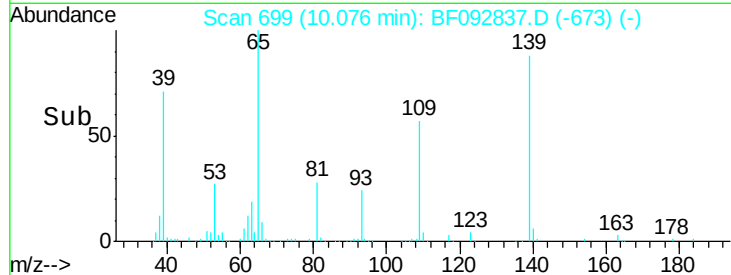
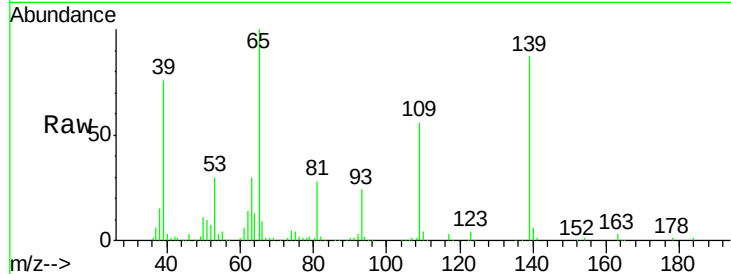
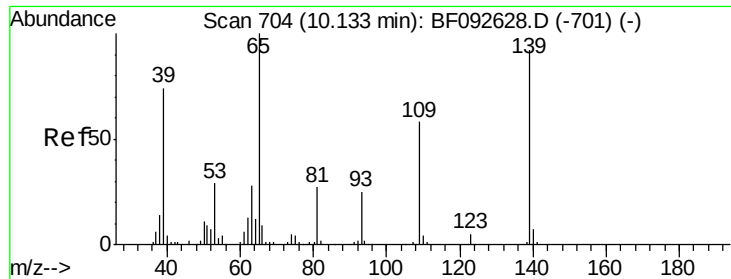
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#54
 Dibenzofuran
 Concen: 44.29 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1231197		
139	35.5	32.6	49.0	
169	13.5	11.3	16.9	





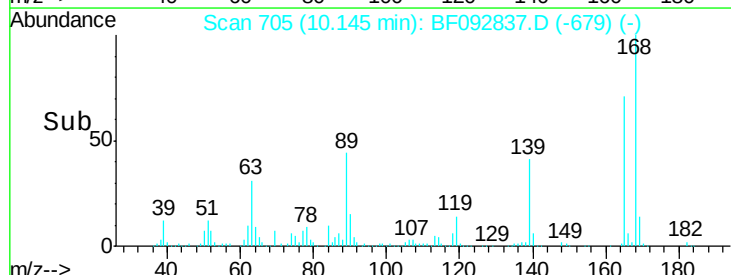
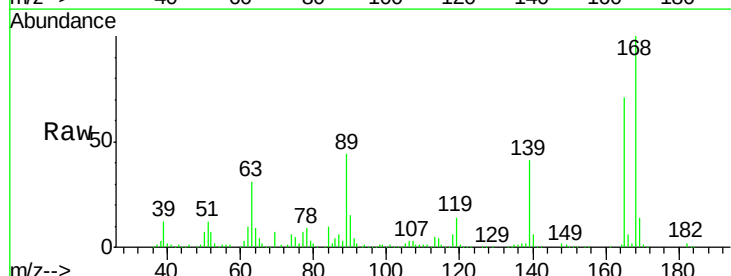
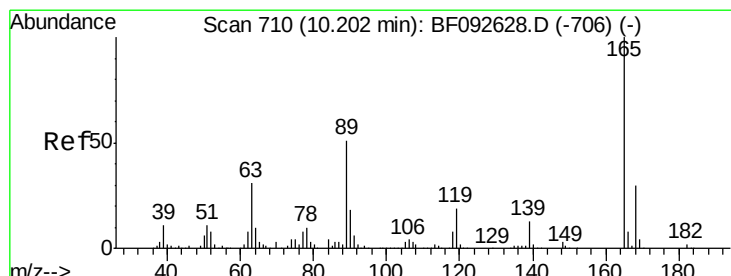
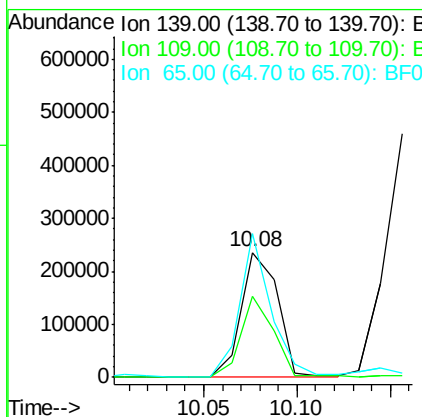
#55
4-Nitrophenol
Concen: 76.41 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tot Ion	Ratio	Resp	Lower	Upper
139	100	325463		
109	64.7	52.2	92.2	
65	114.8	85.8	125.8	

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

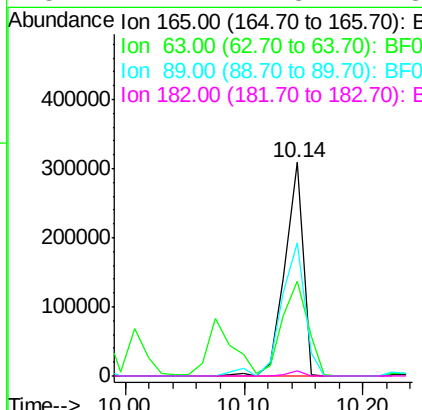
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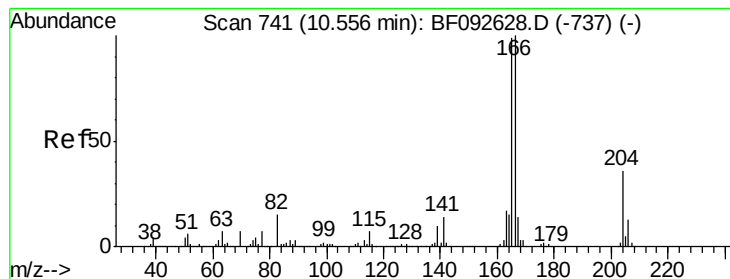
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#56
2,4-Dinitrotoluene
Concen: 47.47 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	326577		
63	44.3	40.2	60.4	
89	62.4	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 42.88 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

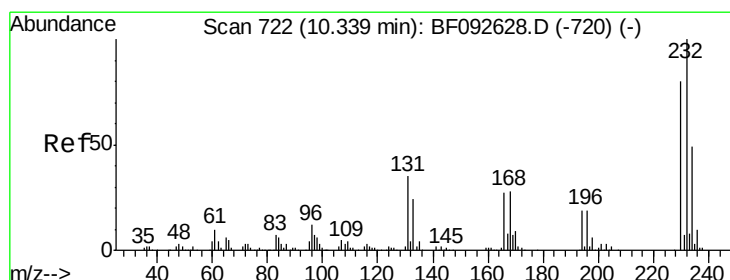
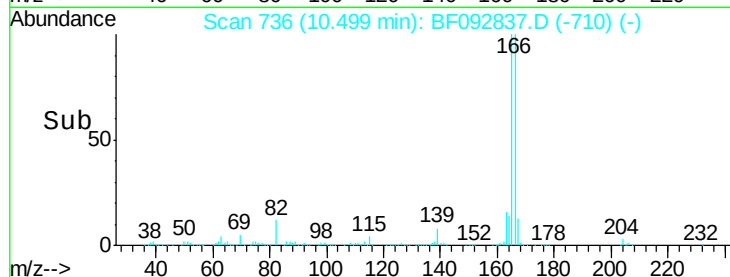
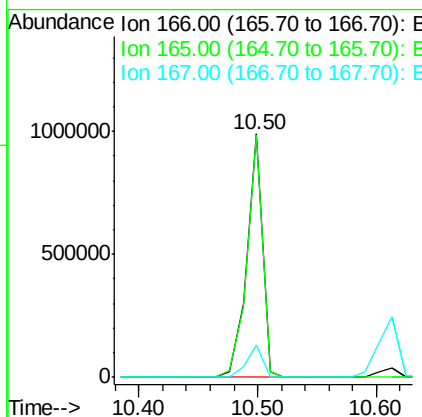
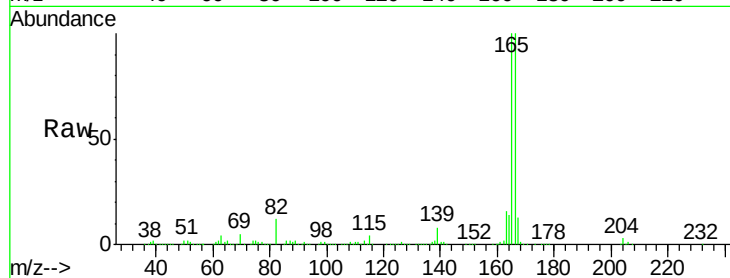
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	166	Resp:	917108
Ion Ratio	Lower	Upper	
166	100		
165	99.5	77.8	116.8
167	13.3	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.81 ng

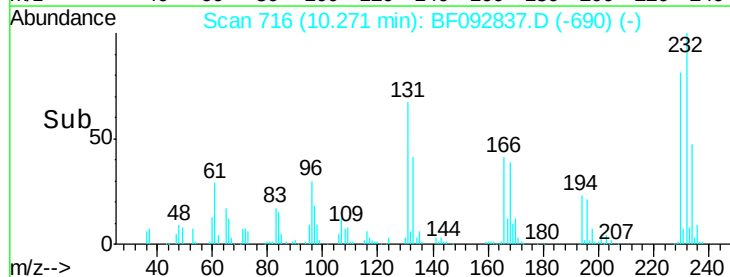
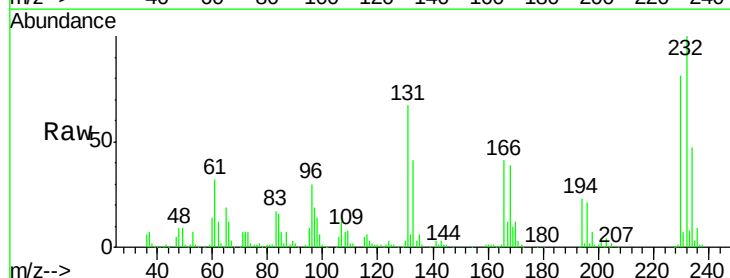
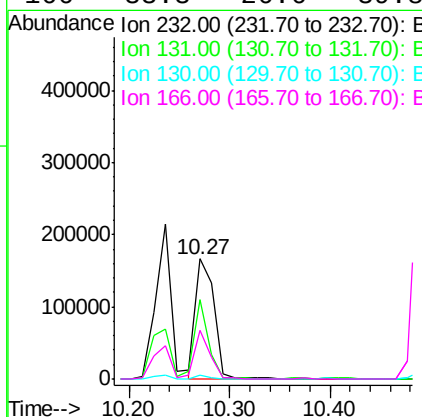
RT: 10.27 min Scan# 716

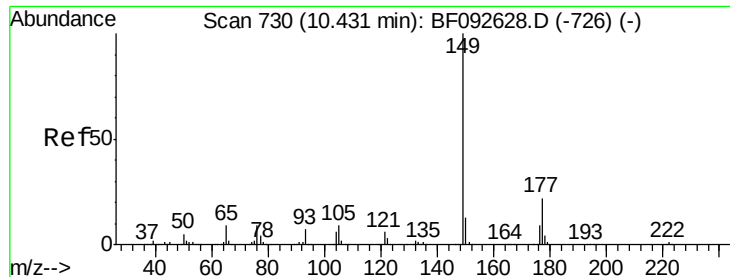
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	232	Resp:	214616
Ion Ratio	Lower	Upper	
232	100		
131	50.0	40.1	60.1
130	2.1	1.8	2.8
166	33.3	26.6	39.8





#59

Diethylphthalate

Concen: 48.32 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:149 Resp: 1089643

Ion Ratio Lower Upper

149 100

177 23.2 16.6 25.0

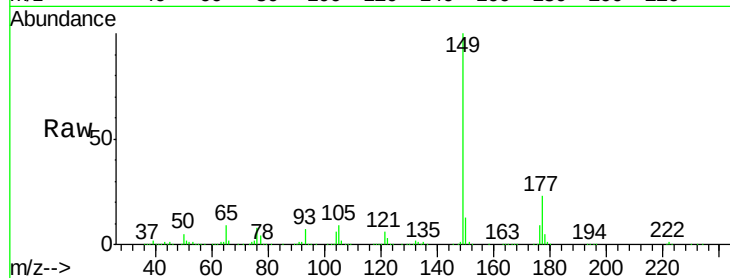
150 12.6 10.4 15.6

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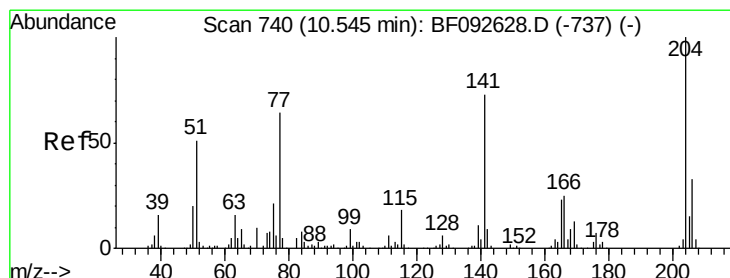
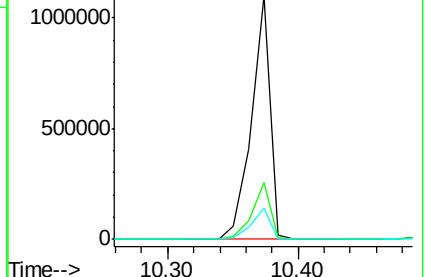
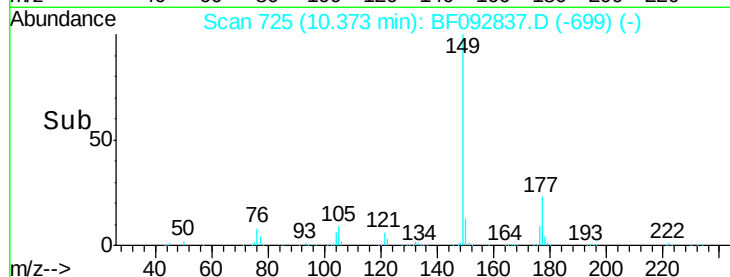
2/8/2017 10:43:14 AM



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: 40.95 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

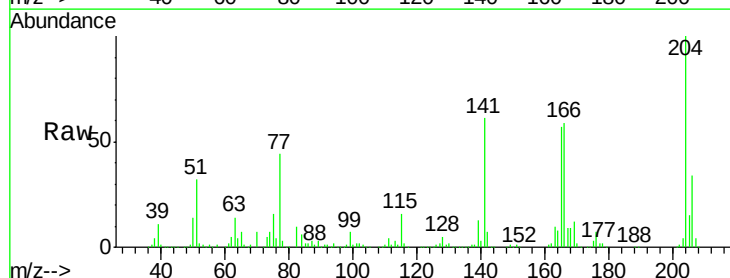
Tgt Ion:204 Resp: 420724

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

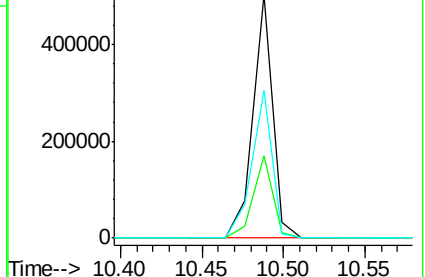
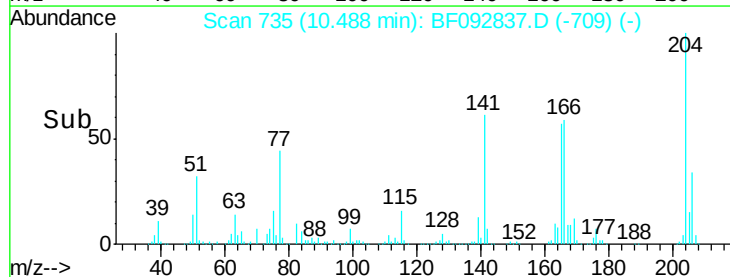
141 60.6 59.4 89.0

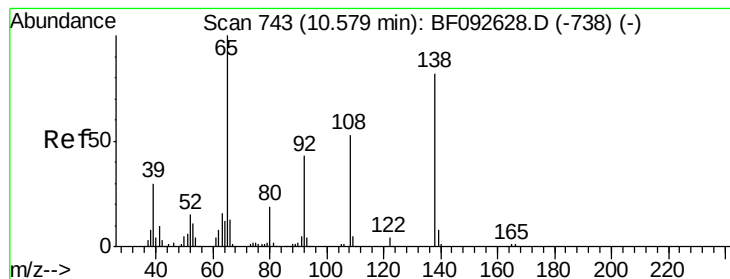


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





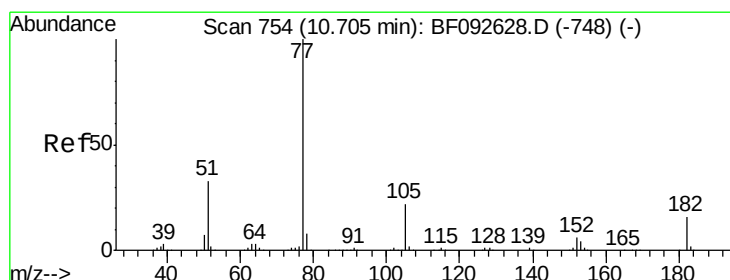
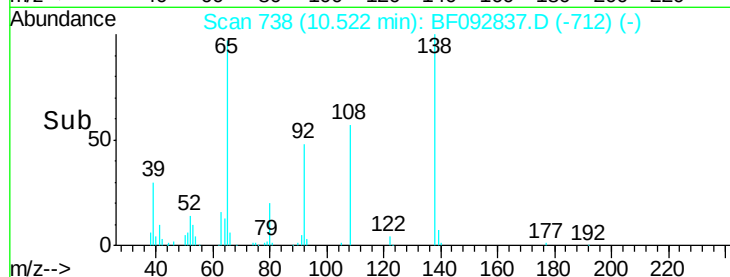
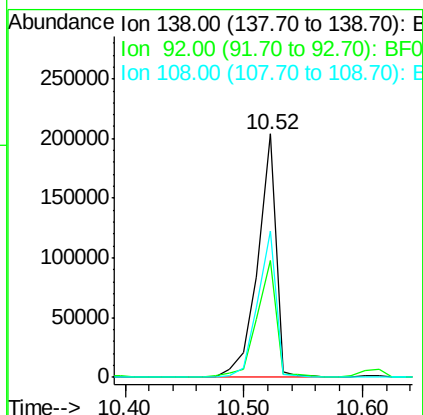
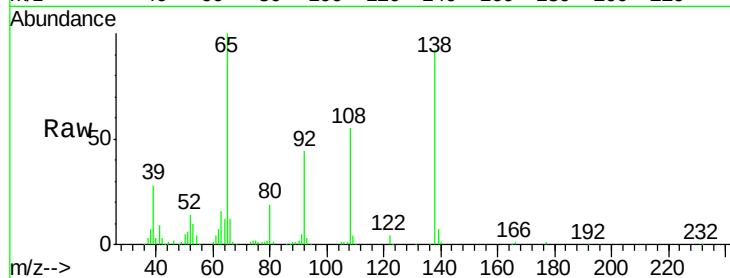
#61
4-Nitroaniline
Concen: 36.71 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	31.7	71.7
108	59.8	52.6	92.6

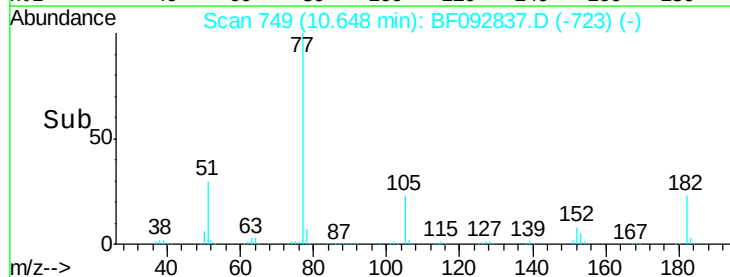
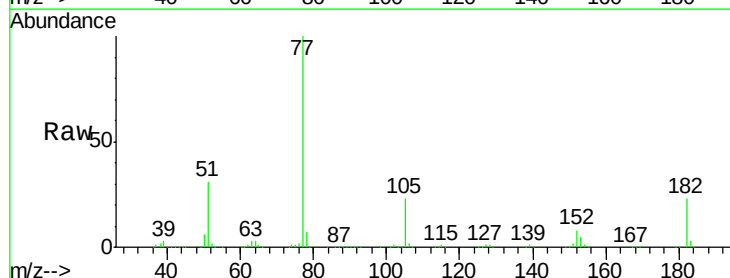
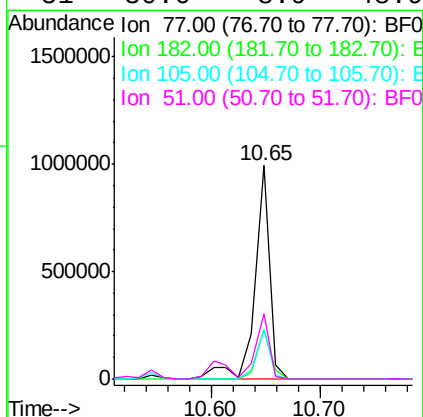
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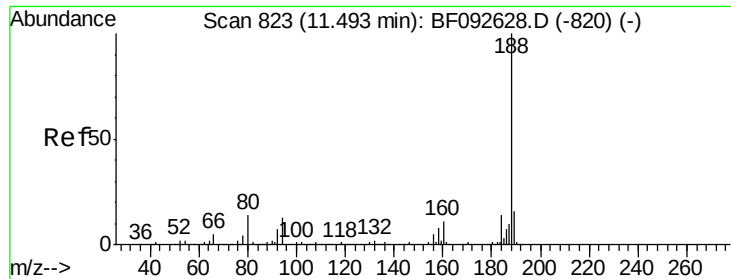
mohammad
2/8/2017 10:43:14 AM



#62
Azobenzene
Concen: 41.07 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	0.0	39.3
105	23.4	2.3	42.3
51	30.6	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: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

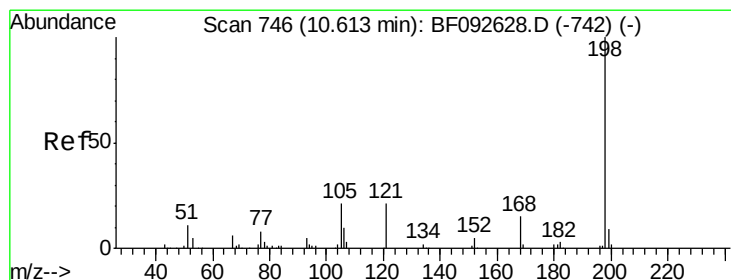
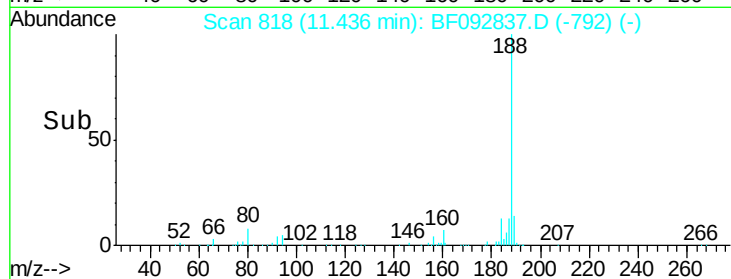
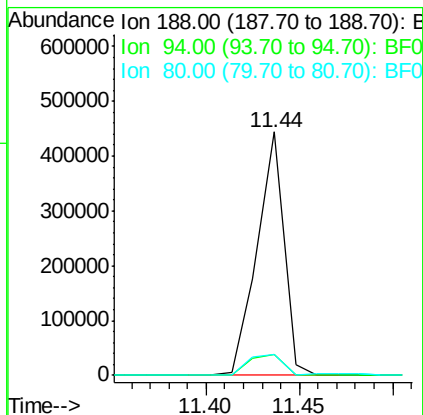
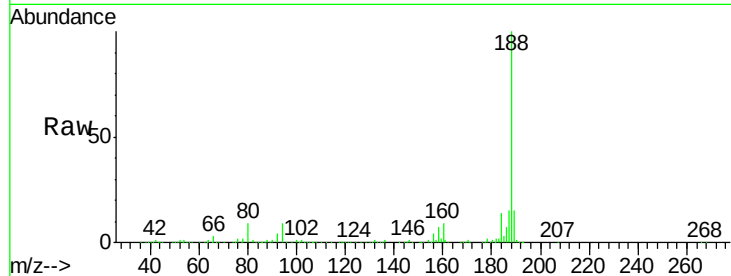
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:188	Resp:	442437
Ion Ratio	Lower	Upper
188 100		
94 8.6	10.0	15.0#
80 8.6	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 26.40 ng

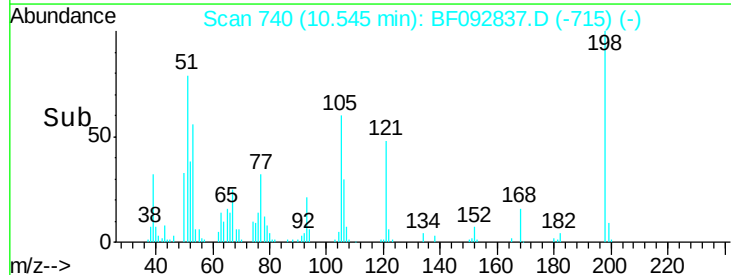
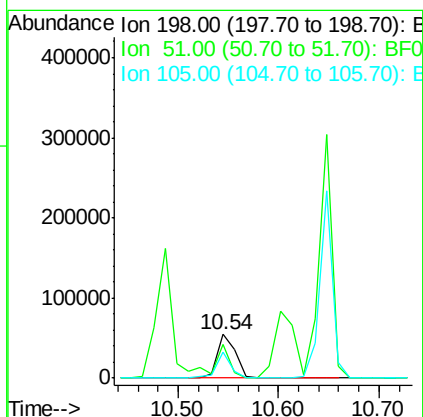
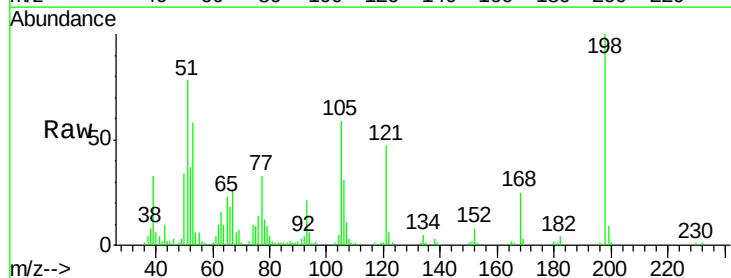
RT: 10.54 min Scan# 740

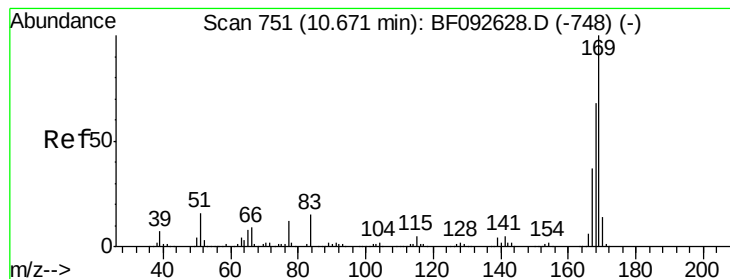
Delta R.T. -0.01 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:198	Resp:	67674
Ion Ratio	Lower	Upper
198 100		
51 78.4	6.7	46.7#
105 58.8	16.6	56.6#





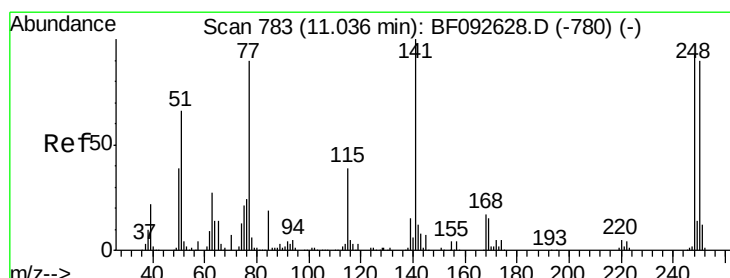
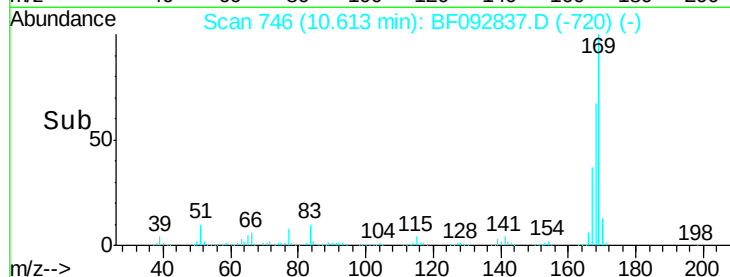
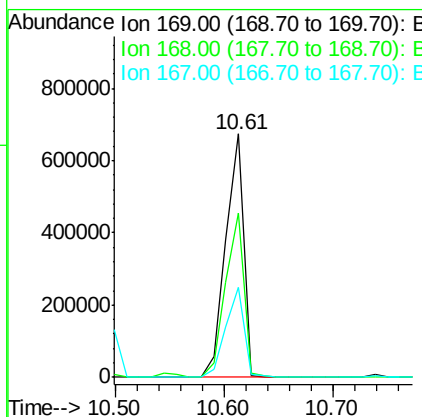
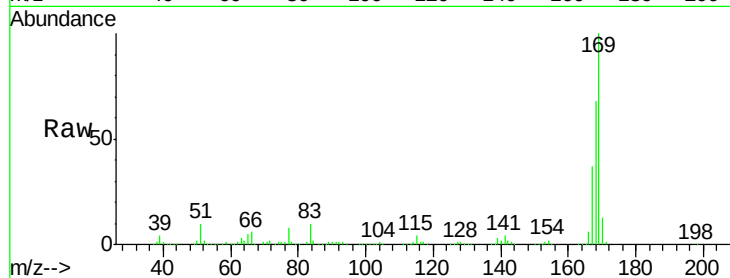
#65
n-Nitrosodiphenylamine
Concen: 54.53 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	770683		
168	67.5		54.2	81.2
167	36.8		30.2	45.4

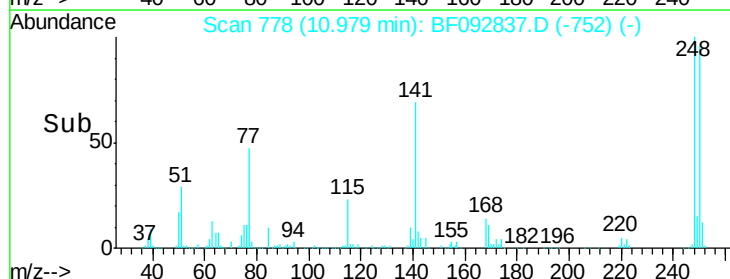
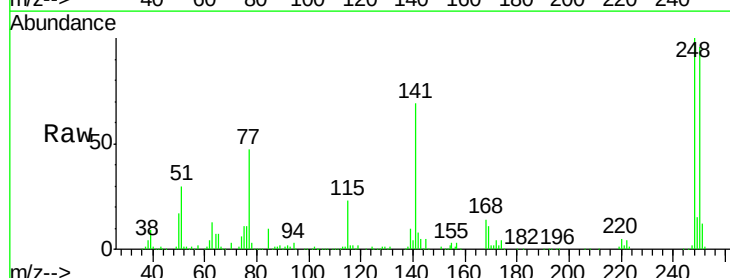
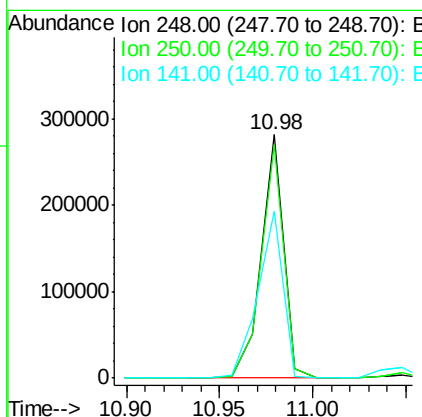
Manual Integrations
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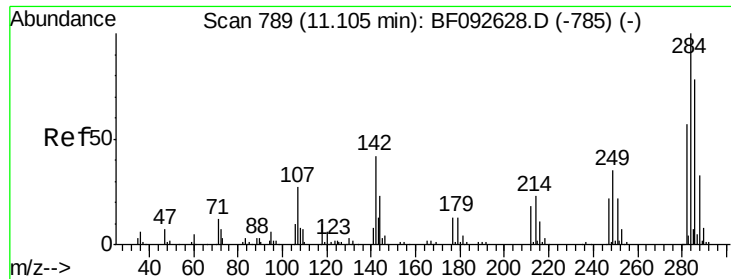
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 51.35 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	237339		
250	96.1		76.9	115.3
141	68.6		68.2	102.4





#67

Hexachlorobenzene

Concen: 48.48 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

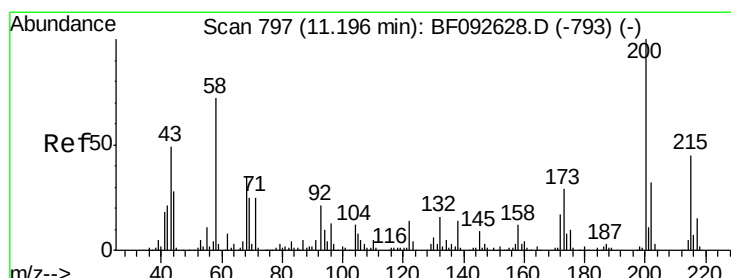
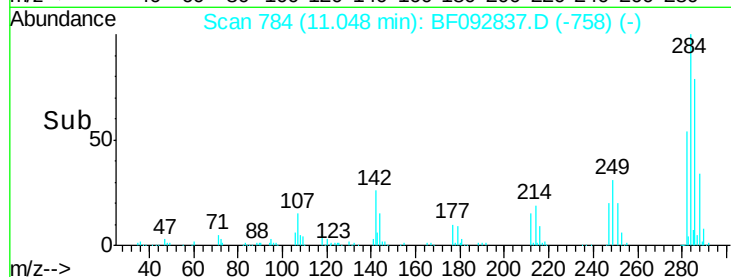
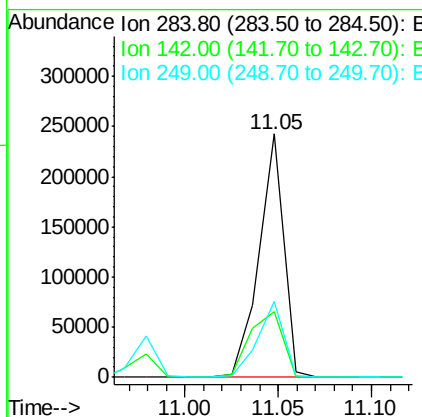
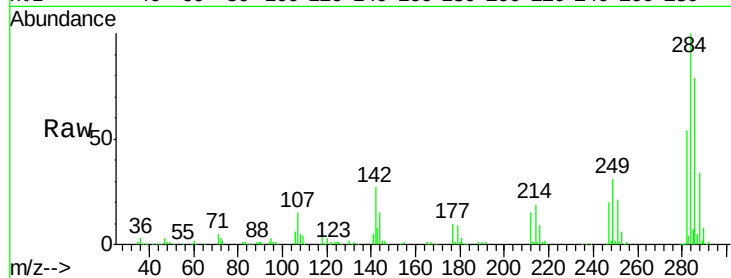
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	284	Resp:	221462
Ion Ratio	Lower	Upper	
284	100		
142	26.9	22.6	33.8
249	31.1	25.4	38.0

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#68

Atrazine

Concen: 51.63 ng

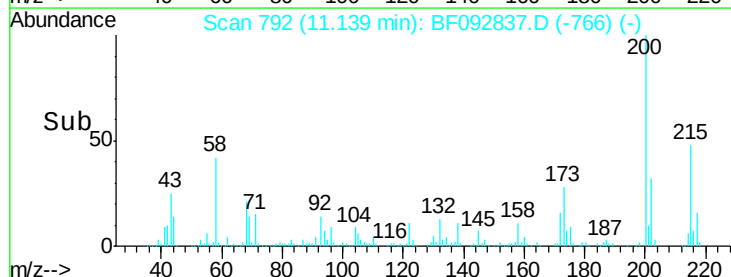
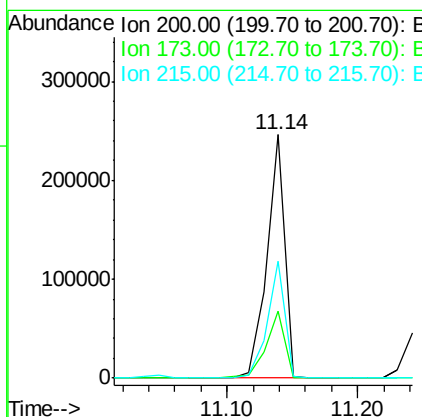
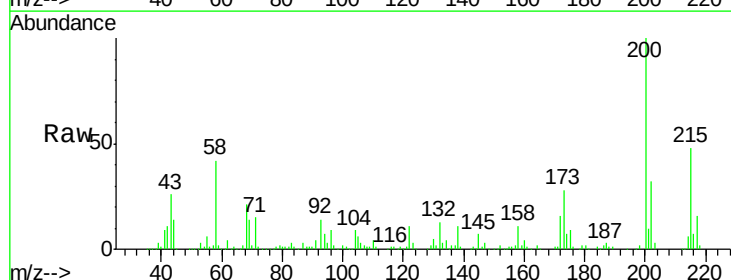
RT: 11.14 min Scan# 792

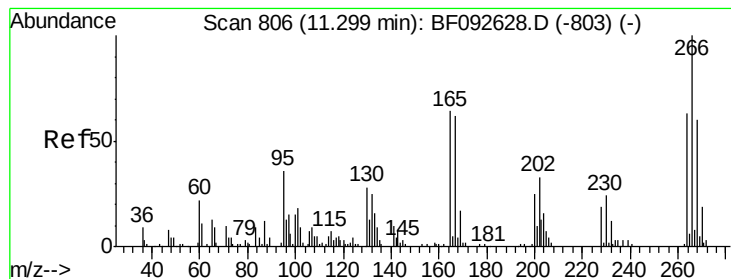
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	200	Resp:	234165
Ion Ratio	Lower	Upper	
200	100		
173	27.6	9.6	49.6
215	47.8	25.7	65.7





#69

Pentachlorophenol

Concen: 88.28 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

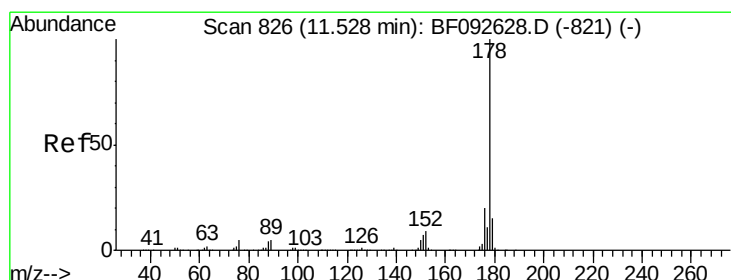
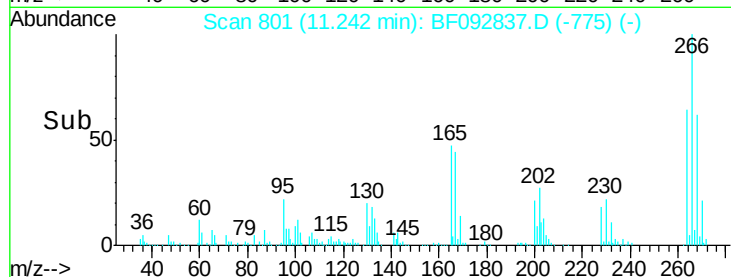
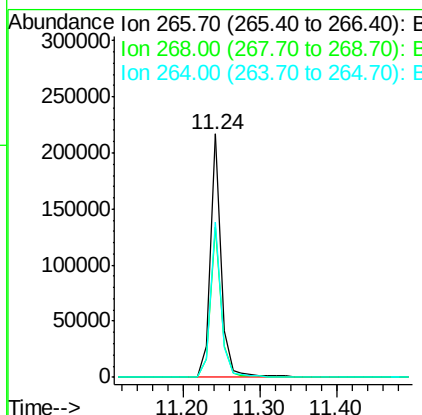
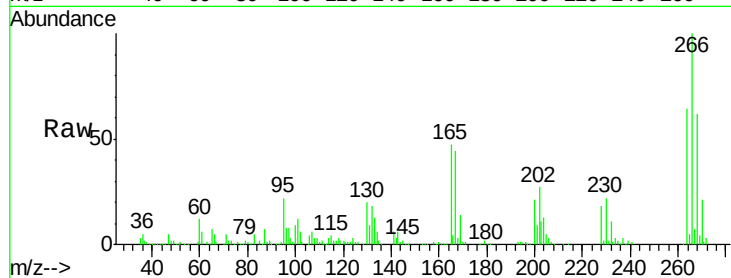
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	266	Resp:	210089
Ion Ratio		Lower	Upper
266	100		
268	61.9	53.3	79.9
264	64.0	50.3	75.5

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#70

Phenanthrene

Concen: 43.24 ng

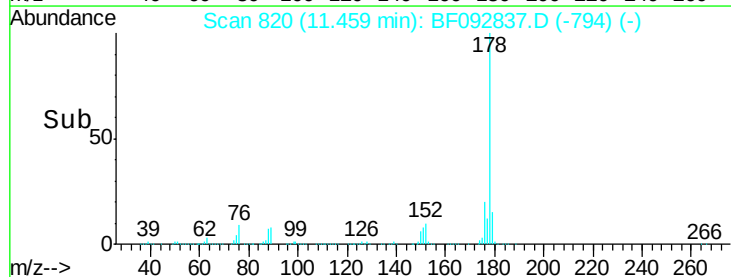
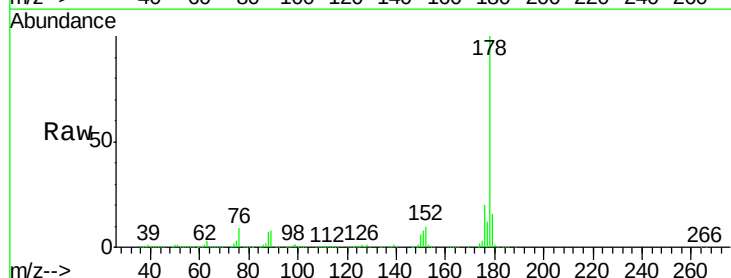
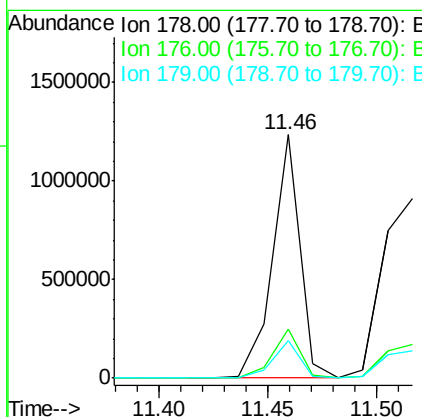
RT: 11.46 min Scan# 820

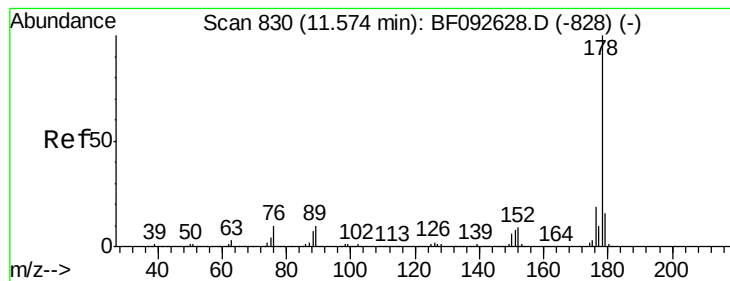
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	178	Resp:	1095964
Ion Ratio		Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.5	12.8	19.2





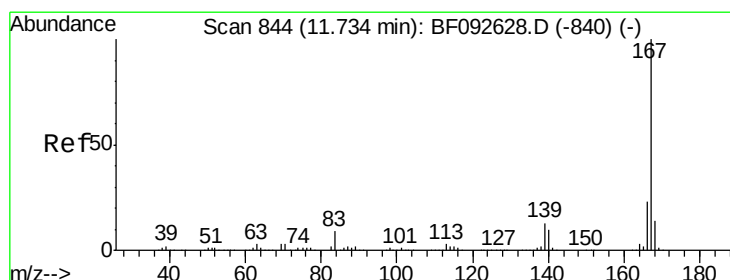
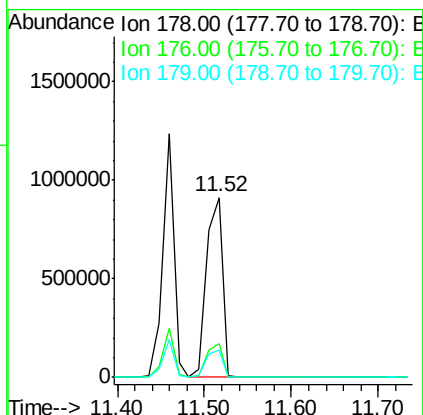
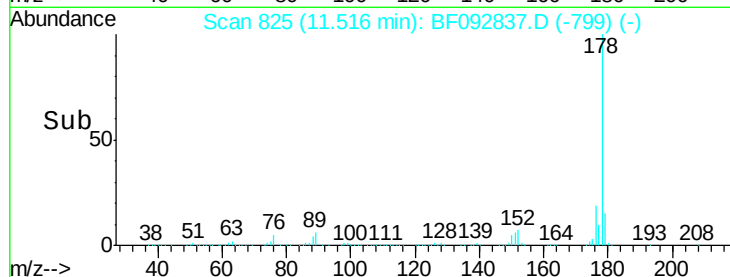
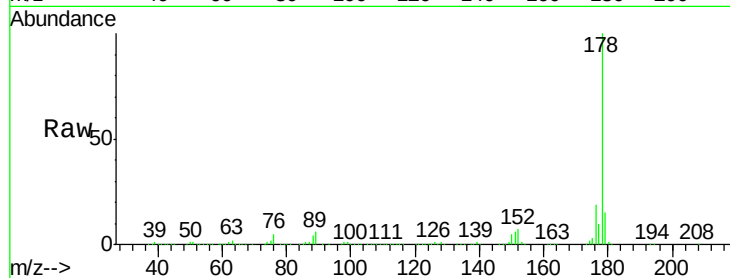
#71
 Anthracene
 Concen: 46.24 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

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

Tot Ion:178 Resp: 1176928
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.9 23.9
 179 15.2 13.2 19.8

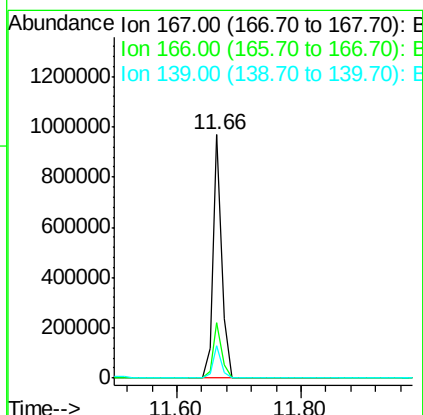
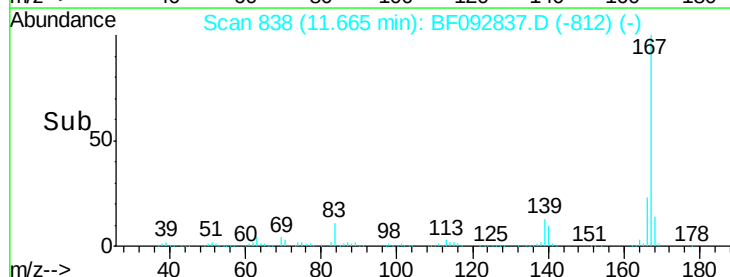
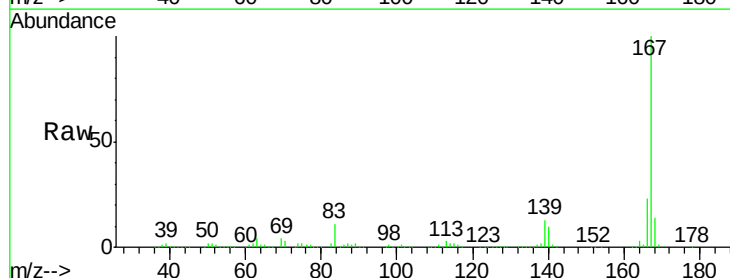
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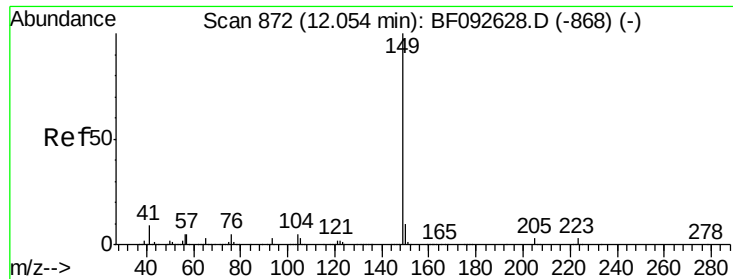
mohammad
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#72
 Carbazole
 Concen: 37.82 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

Tgt Ion:167 Resp: 920267
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 54.66 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

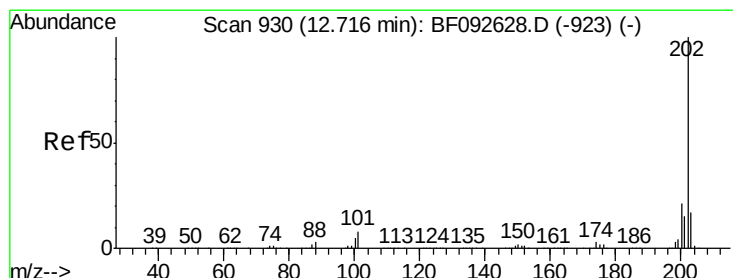
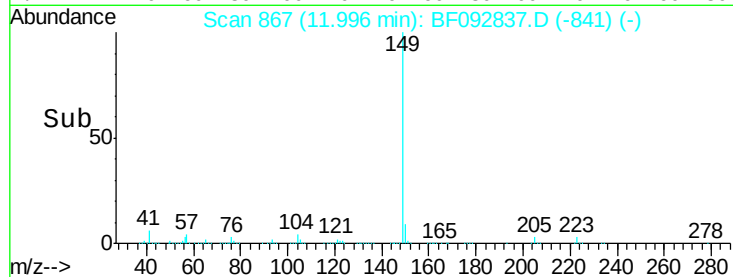
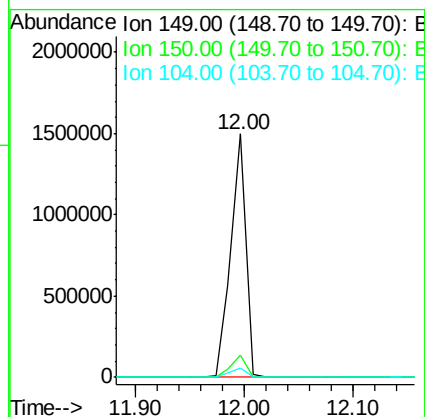
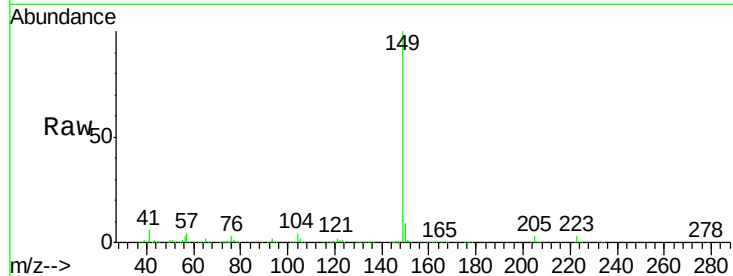
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	3.8	4.6	7.0

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#74

Fluoranthene

Concen: 39.66 ng

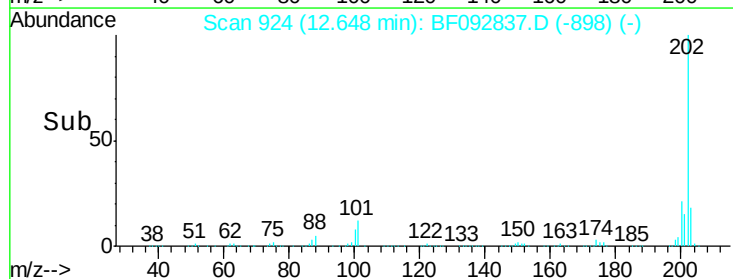
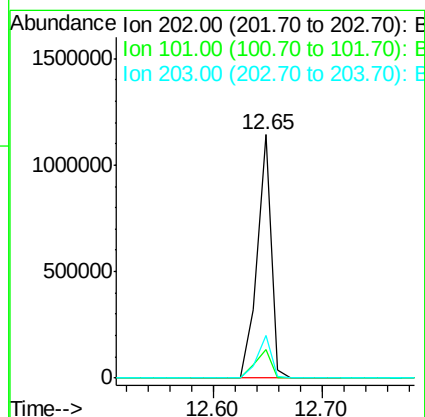
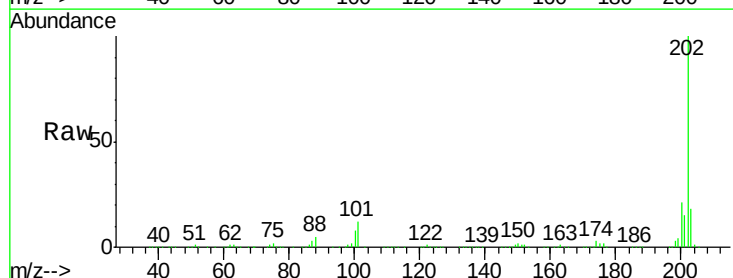
RT: 12.65 min Scan# 924

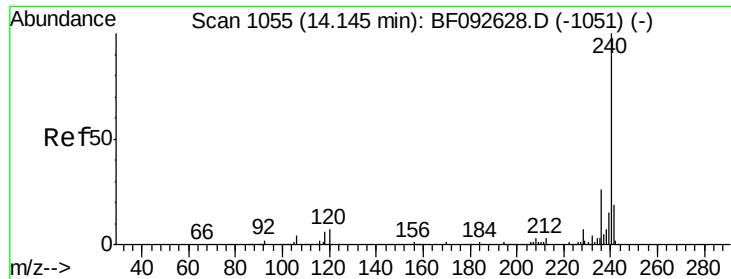
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.6
203	17.6	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

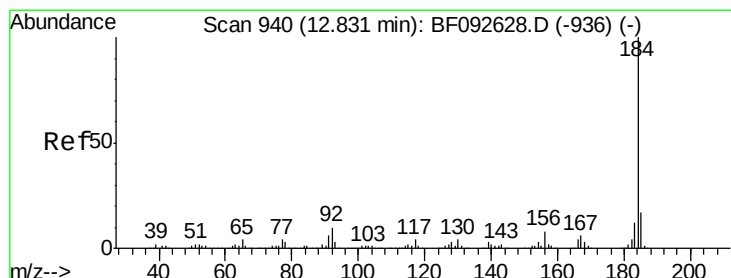
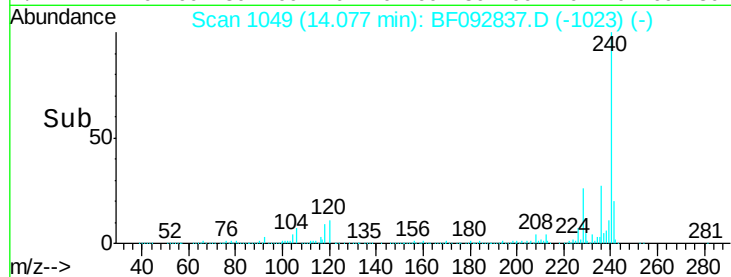
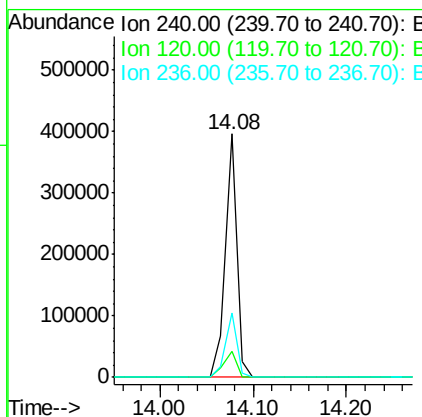
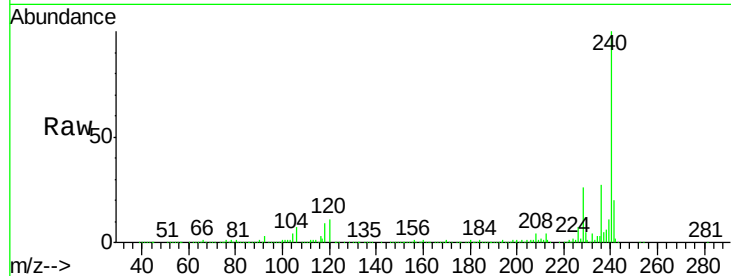
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.9	19.3#
236	26.5	20.9	31.3

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#76

Benzidine

Concen: 7.42 ng

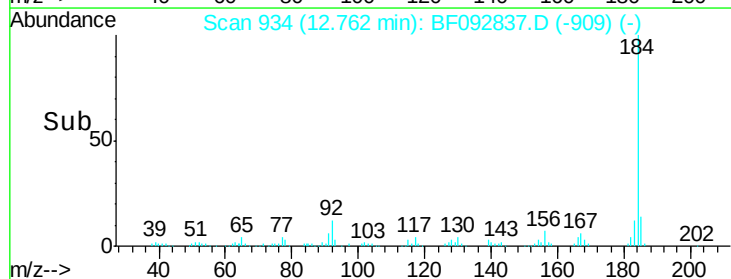
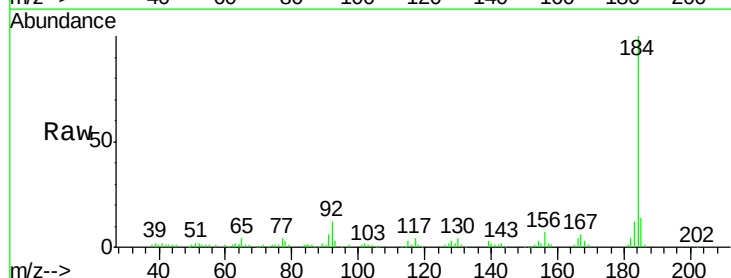
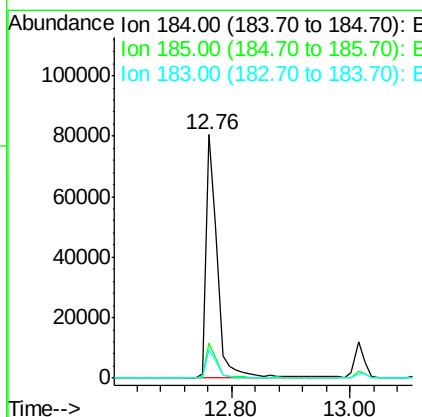
RT: 12.76 min Scan# 934

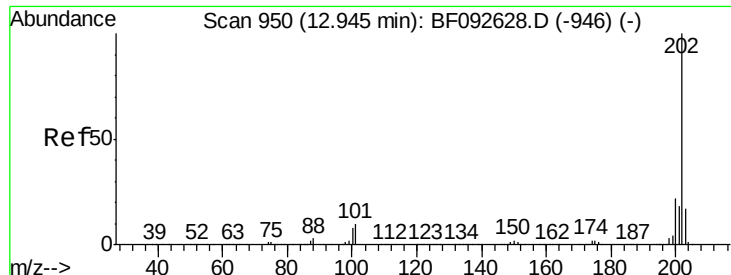
Delta R.T. -0.01 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	11.9	9.2	13.8





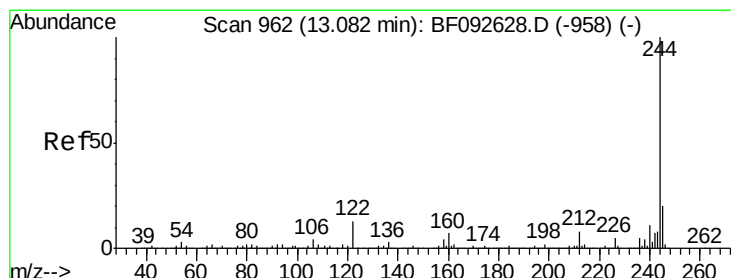
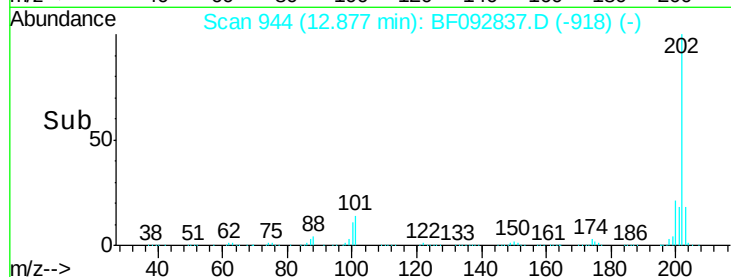
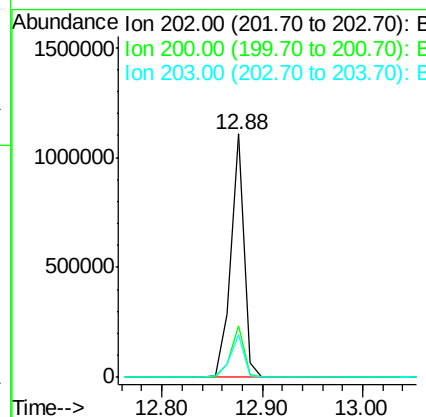
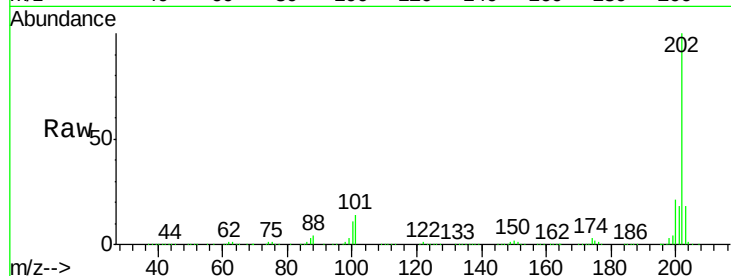
#77
Pvrene
Concen: 39.79 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.7	14.7	22.1

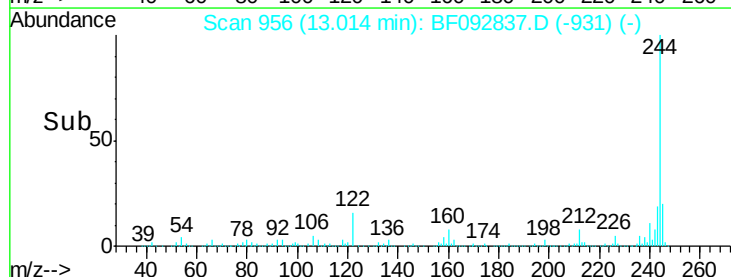
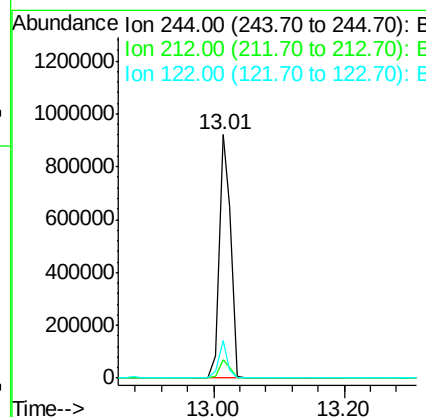
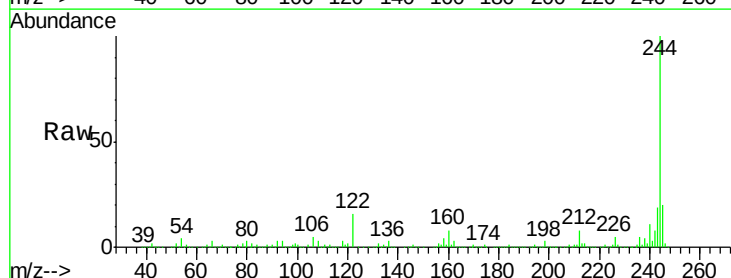
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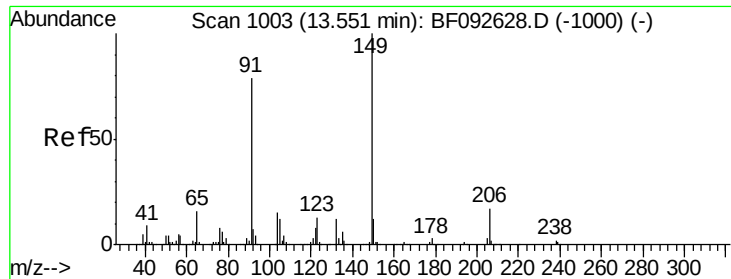
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#78
Terphenyl-d14
Concen: 79.34 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	15.5	11.4	17.2





#79

Butylbenzylphthalate

Concen: 50.19 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

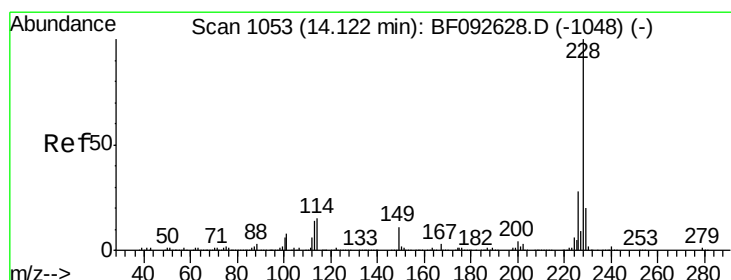
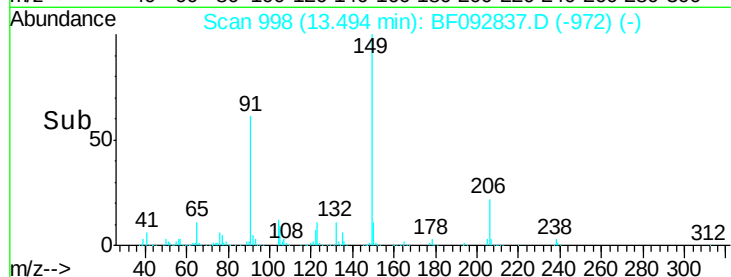
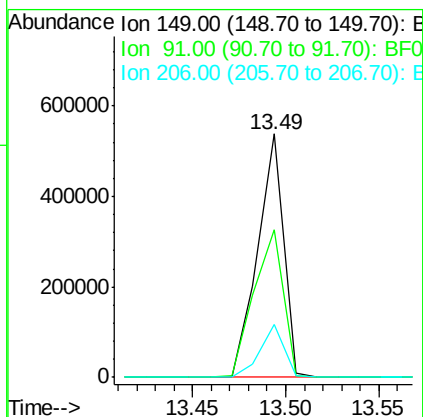
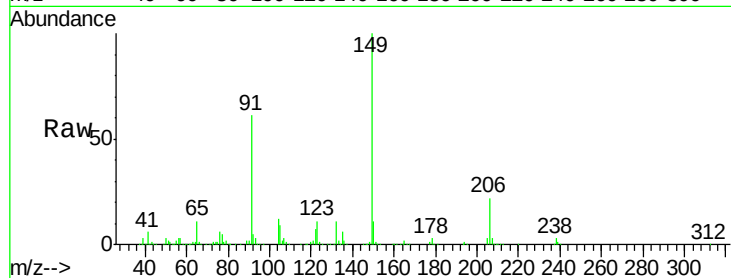
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion:	149	Resp:	517823
Ion Ratio	Lower	Upper	
149	100		
91	60.8	63.9	95.9#
206	21.6	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 43.11 ng

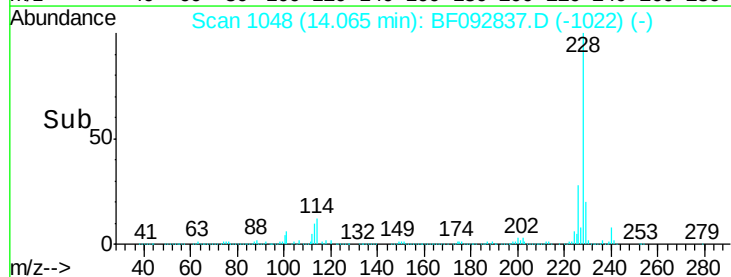
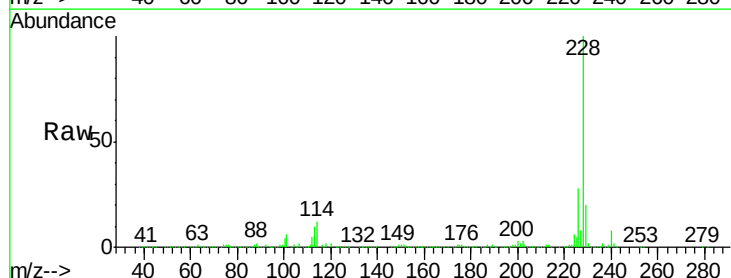
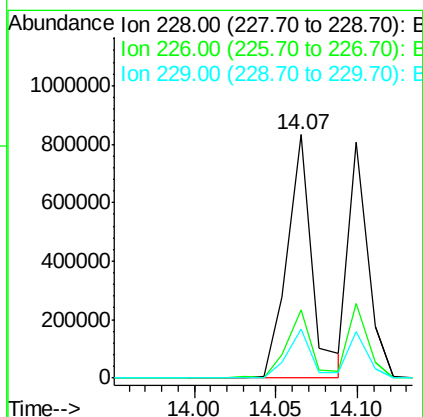
RT: 14.07 min Scan# 1048

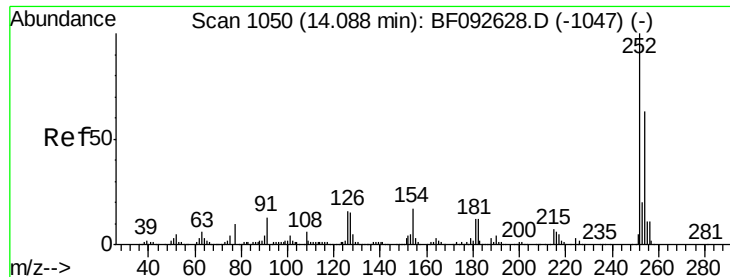
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion:	228	Resp:	895116
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	20.2	16.2	24.4





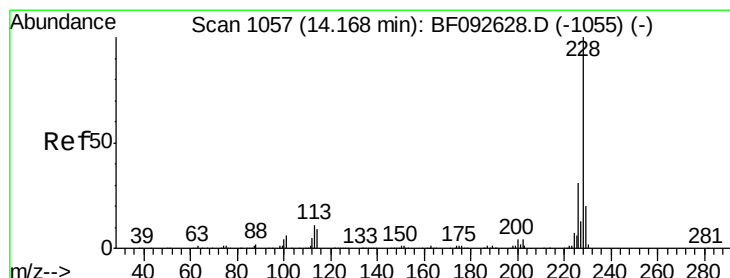
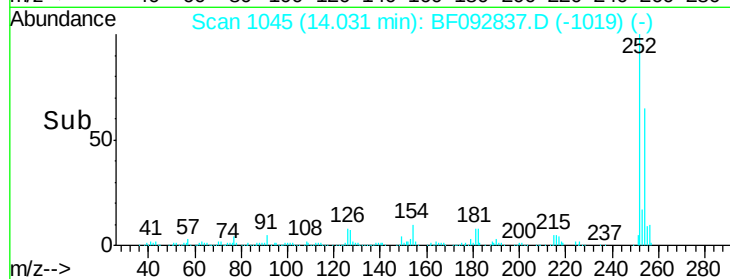
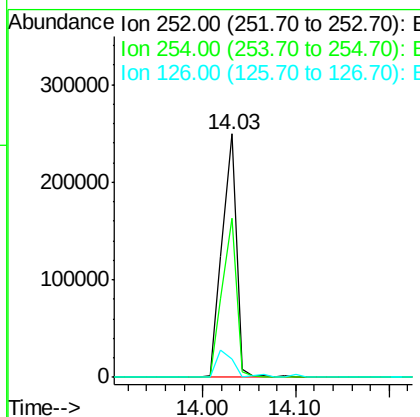
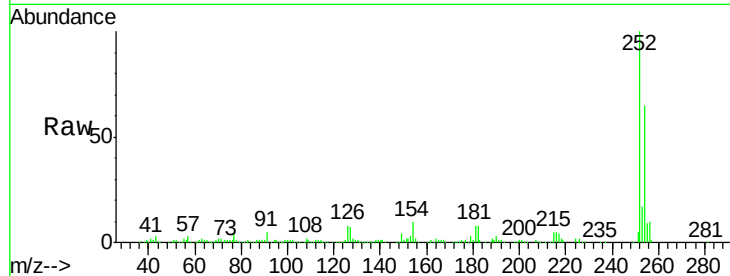
#81
 3,3'-Dichlorobenzidine
 Concen: 36.29 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.4	52.3	78.5
126	7.6	13.6	20.4

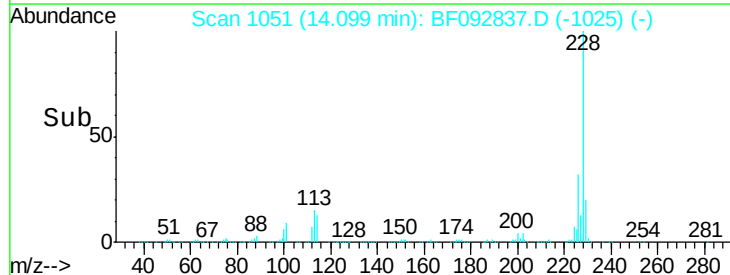
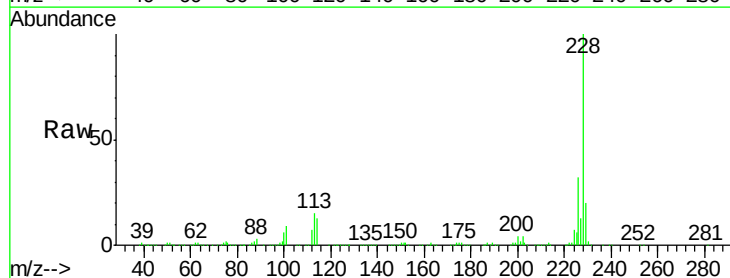
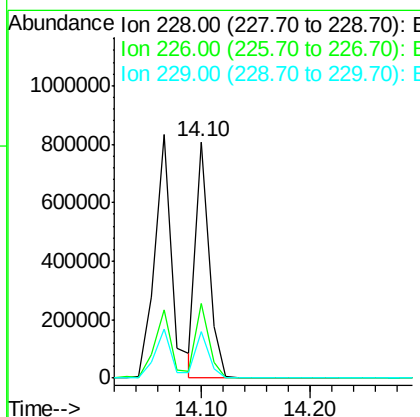
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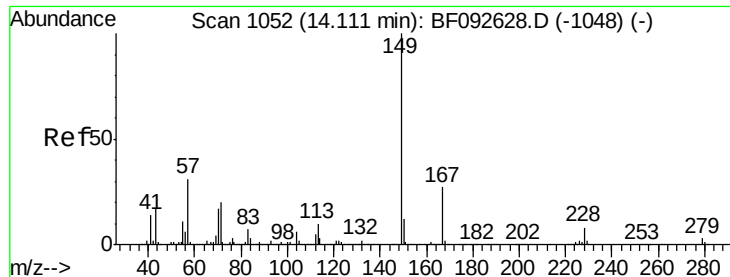
mohammad
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#82
 Chrysene
 Concen: 35.29 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.21 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Instrument :

BNA_F

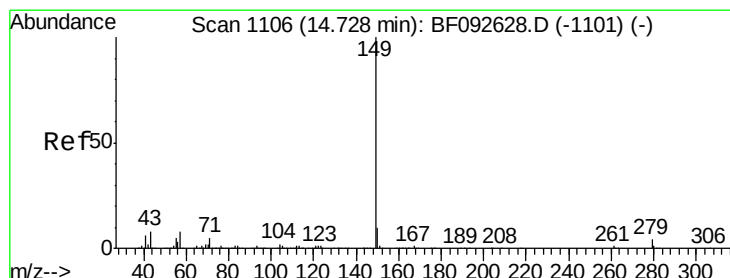
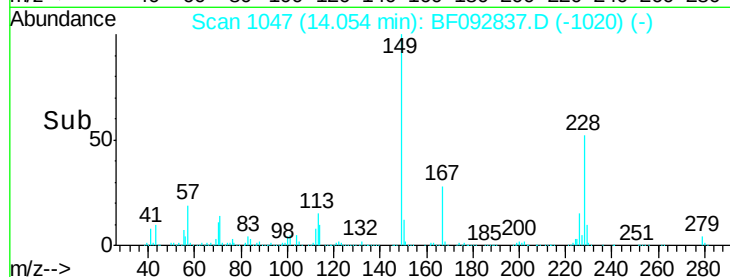
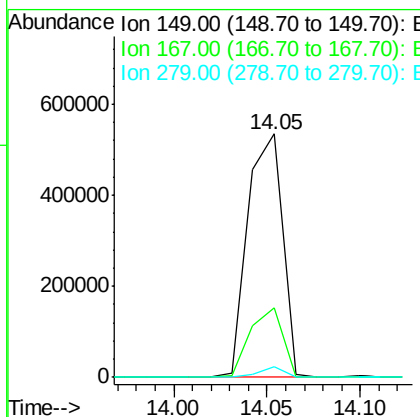
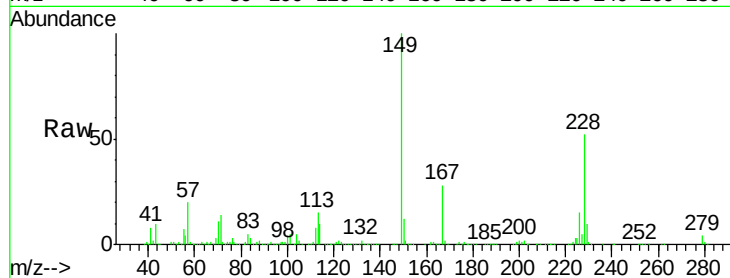
ClientSampleId :

ROLL-OFF-15-40-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	20.2	30.4
279	4.5	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 48.97 ng

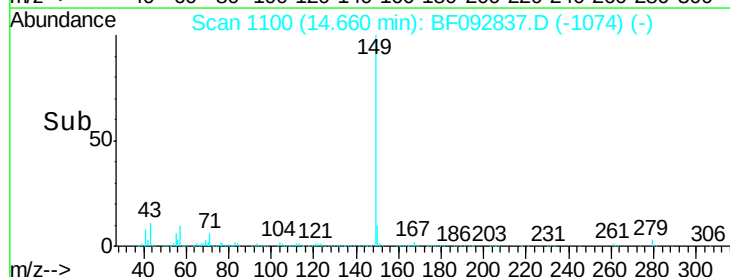
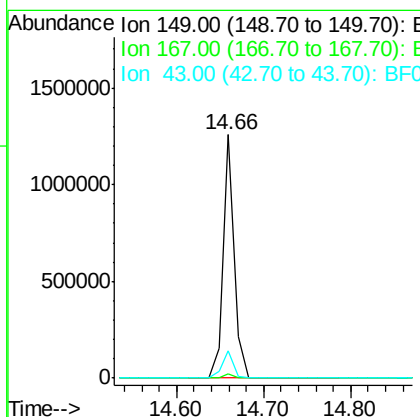
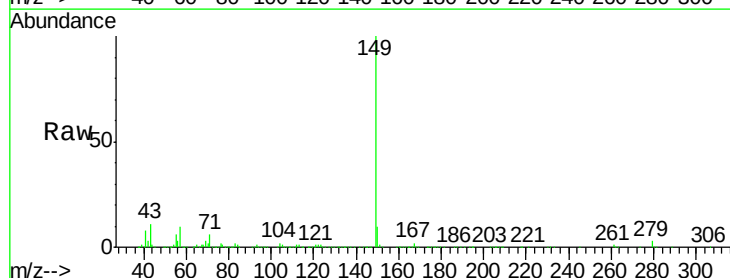
RT: 14.66 min Scan# 1100

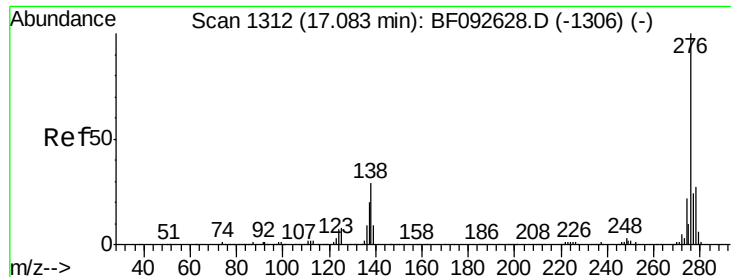
Delta R.T. 0.00 min

Lab File: BF092837.D

Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	8.9	13.3





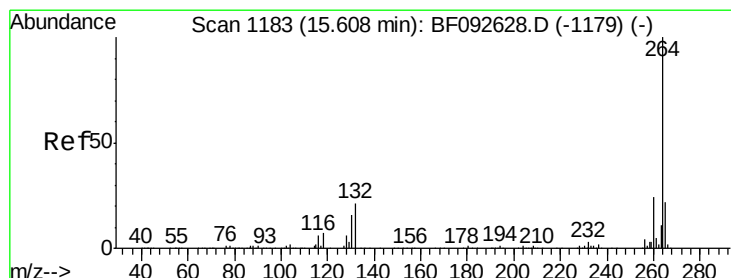
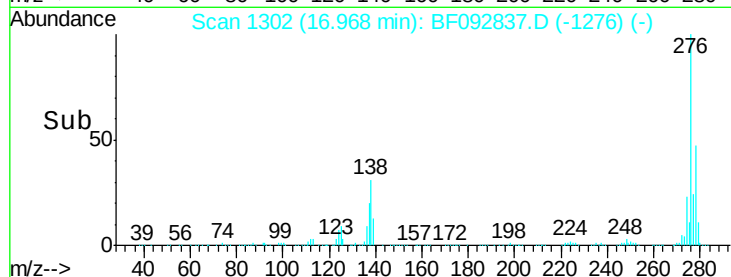
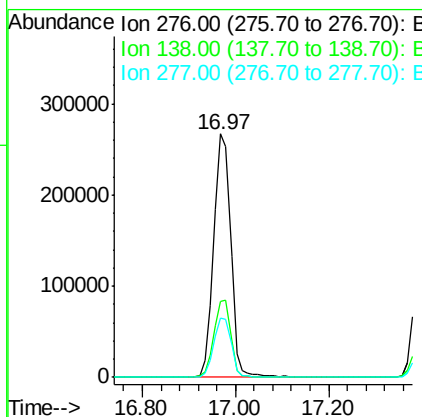
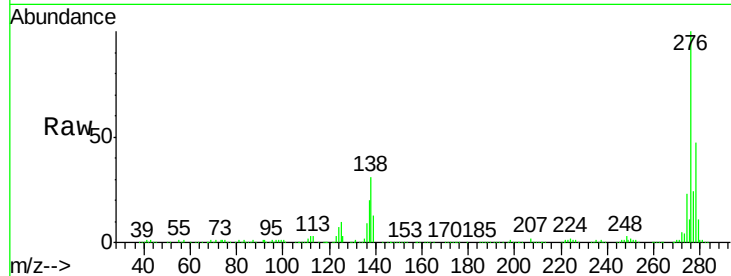
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.27 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.6
277	24.8	20.2	30.4

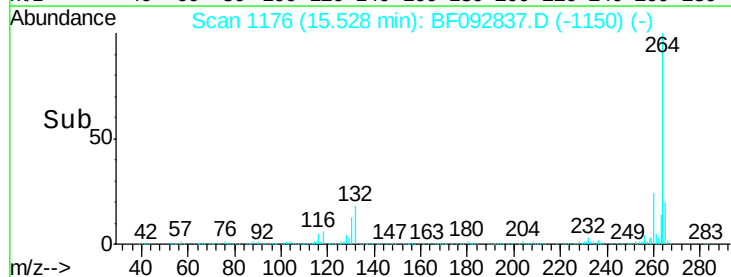
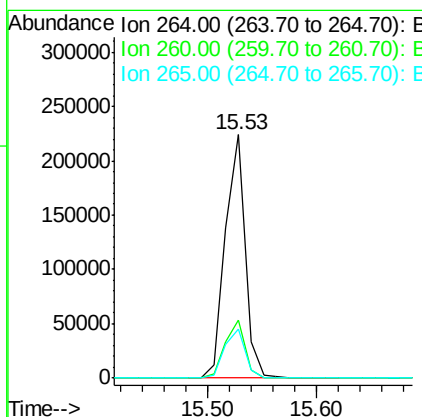
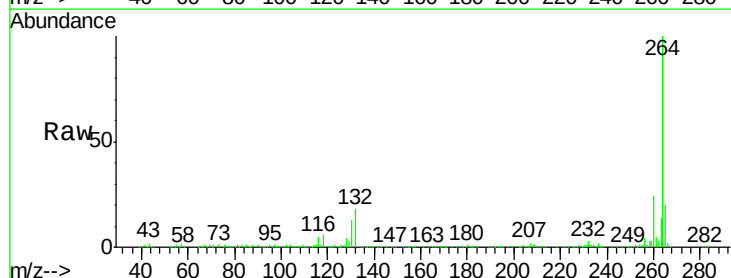
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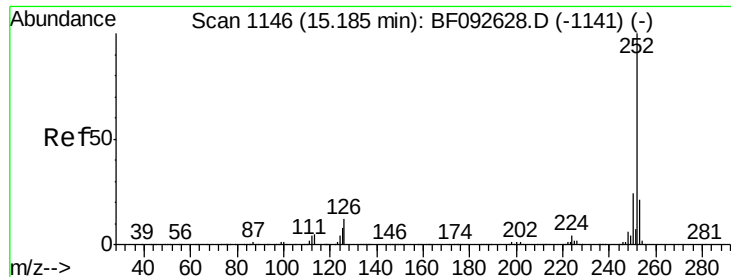
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.3	17.4	26.0





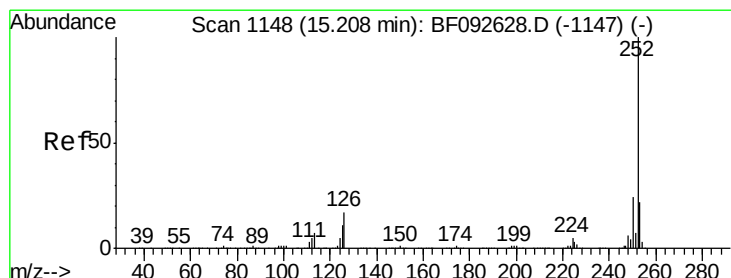
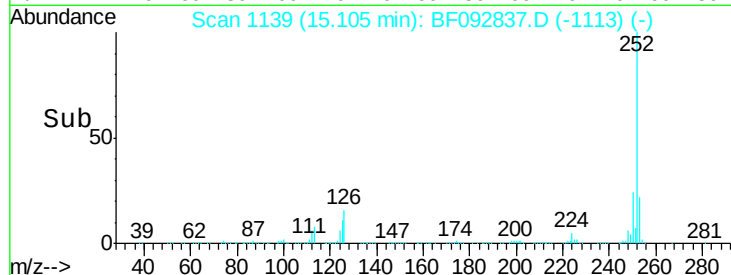
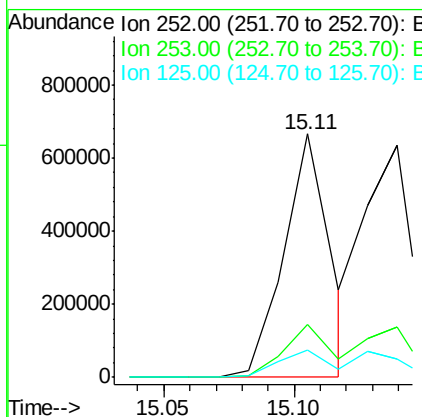
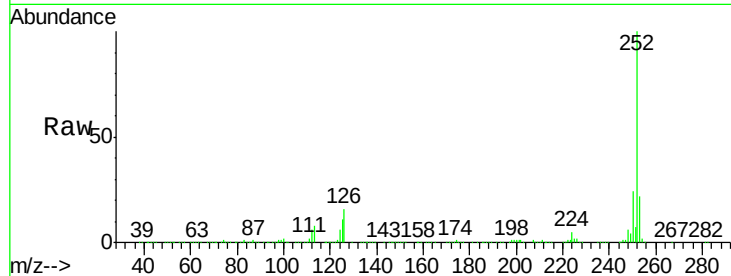
#87
Benzo(b)fluoranthene
Concen: 43.10 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.5	9.8	14.6

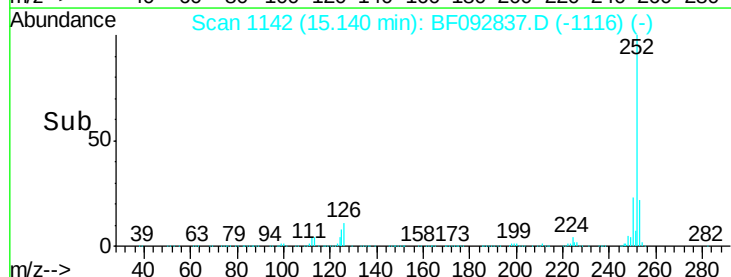
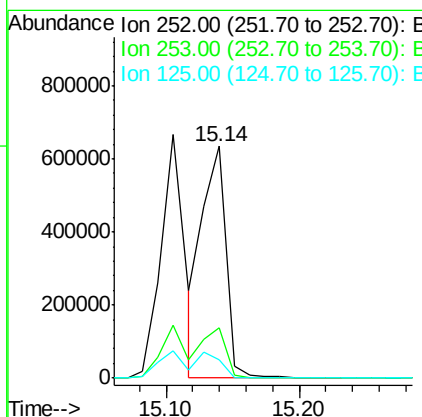
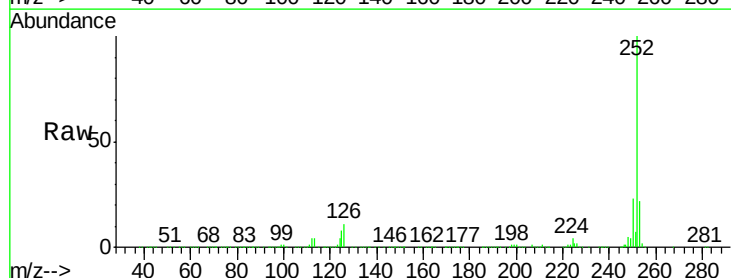
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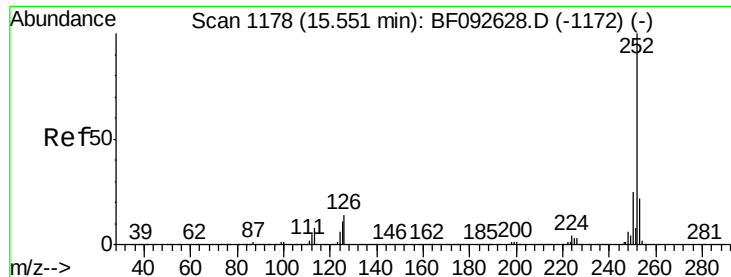
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#88
Benzo(k)fluoranthene
Concen: 49.12 ng m
RT: 15.14 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	7.8	8.9	13.3#





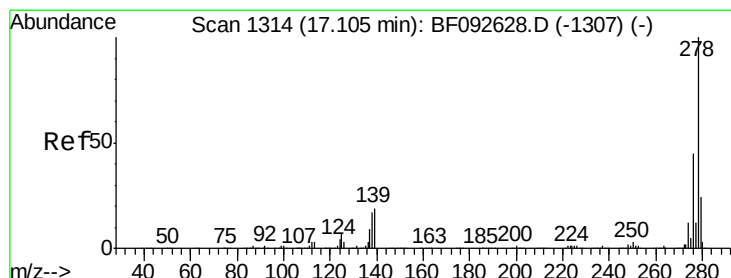
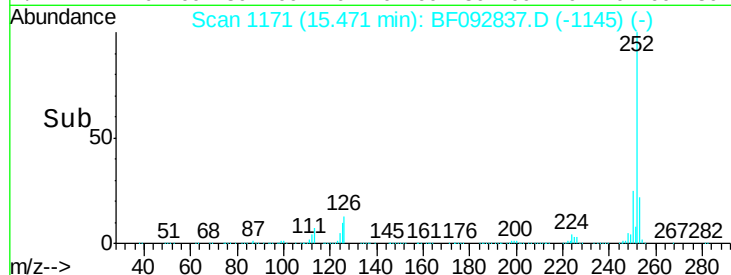
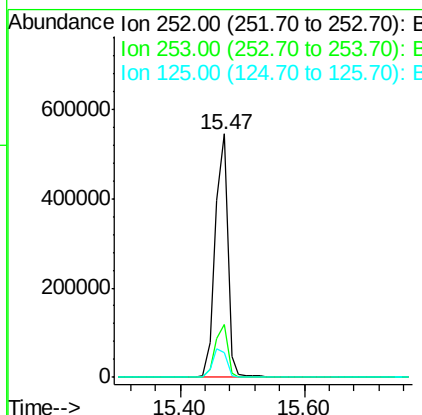
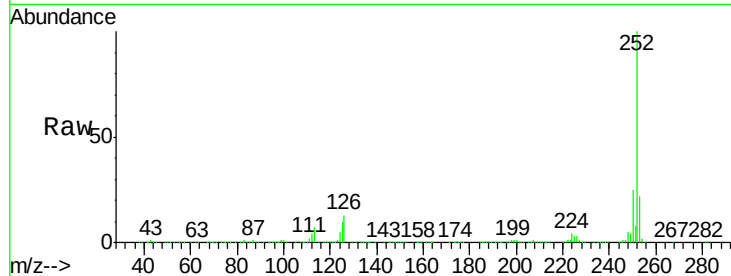
#89
Benzo(a)pyrene
Concen: 46.13 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.1	10.0	15.0

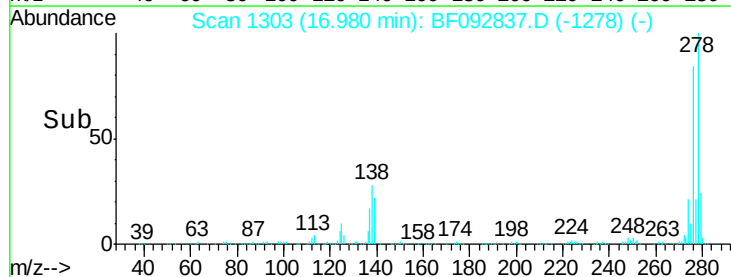
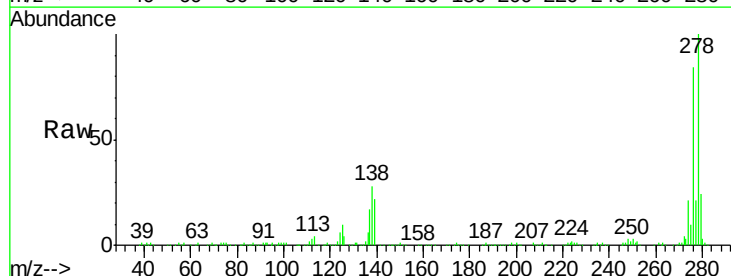
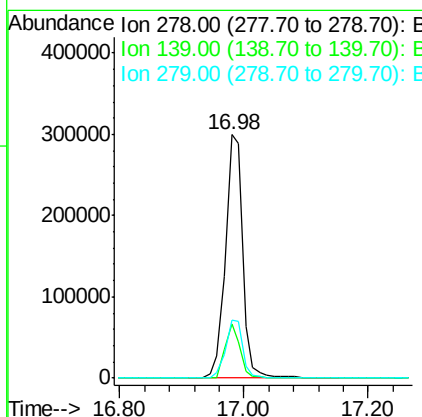
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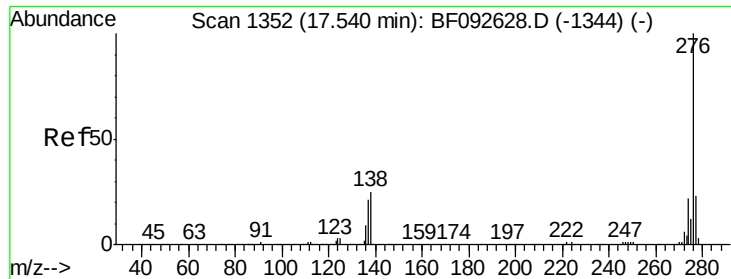
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#90
Dibenzo(a,h)anthracene
Concen: 44.27 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF092837.D
Acq: 7 Feb 2017 19:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.56 ng
 RT: 17.40 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF092837.D
 Acq: 7 Feb 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	29.7	16.0	24.0

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