

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093051.D
 Acq On : 21 Feb 2017 1:44
 Operator : SJ/MA
 Sample : I1913-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Manual Integrations
 APPROVED

mohammad
 2/21/2017 3:57:44 PM

Quant Time: Feb 21 03:11:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154584	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	599240	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	283661	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	476643	20.00	ng	0.00
75) Chrysene-d12	14.01	240	306195	20.00	ng	-0.01
86) Perylene-d12	15.44	264	292763	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1148694	127.49	ng	0.00
7) Phenol-d6	6.50	99	1638144	141.30	ng	0.01
23) Nitrobenzene-d5	7.42	82	1024728	95.23	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	266914	130.10	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1657600	105.87	ng	0.00
78) Terphenyl-d14	12.96	244	1116086	85.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	188321	38.68	ng	# 84
3) Pyridine	3.20	79	490470	39.62	ng	88
4) n-Nitrosodimethylamine	3.15	42	259416	44.63	ng	89
6) Aniline	6.51	93	292610	18.50	ng	# 61
8) 2-Chlorophenol	6.64	128	471544	47.44	ng	95
9) Benzaldehyde	6.38	77	92003	11.08	ng	# 81
10) Phenol	6.51	94	649036	47.85	ng	78
11) bis(2-Chloroethyl)ether	6.59	93	485716	44.86	ng	97
12) 1,3-Dichlorobenzene	6.78	146	510334	43.83	ng	# 94
13) 1,4-Dichlorobenzene	6.86	146	546657	46.39	ng	96
14) 1,2-Dichlorobenzene	7.01	146	470633	41.77	ng	96
15) Benzyl Alcohol	6.99	79	383588	44.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	794805	42.26	ng	99
17) 2-Methylphenol	7.12	107	402190	47.16	ng	96
18) Hexachloroethane	7.36	117	178149	44.29	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	330958	44.84	ng	95
20) 3+4-Methylphenols	7.28	107	478769	46.96	ng	# 78
22) Acetophenone	7.26	105	621400	45.42	ng	# 95
24) Nitrobenzene	7.44	77	476319	43.11	ng	98
25) Isophorone	7.68	82	929902	46.37	ng	95
26) 2-Nitrophenol	7.76	139	266595	50.76	ng	94
27) 2,4-Dimethylphenol	7.80	122	458410	49.70	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	627659	47.26	ng	100
29) 2,4-Dichlorophenol	8.01	162	388897	45.20	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	400324	43.18	ng	# 94
31) Naphthalene	8.16	128	1259191	41.45	ng	99
32) Benzoic acid	7.92	122	126868	27.82	ng	94
33) 4-Chloroaniline	8.21	127	109729	9.21	ng	98
34) Hexachlorobutadiene	8.28	225	215491	42.25	ng	98
35) Caprolactam	8.59	113	124967m	46.18	ng	
36) 4-Chloro-3-methylphenol	8.70	107	390569	43.54	ng	98
37) 2-Methylnaphthalene	8.85	142	895871	45.93	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	380131	47.74	ng	99
40) Hexachlorocyclopentadiene	9.00	237	270080	75.18	ng	95

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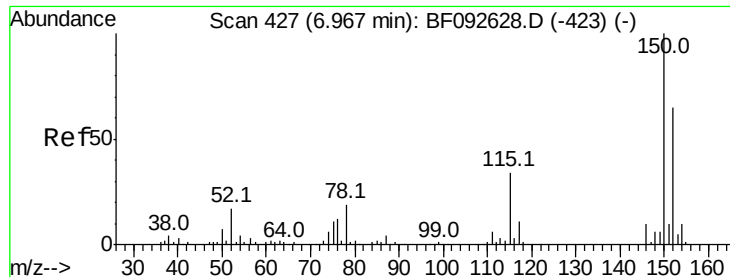
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	286127	54.69	nq	93
43) 2,4,5-Trichlorophenol	9.18	196	275068	47.98	nq	# 84
45) 1,1'-Biphenyl	9.32	154	1040479	50.66	nq	99
46) 2-Chloronaphthalene	9.34	162	861388	53.61	nq	97
47) 2-Nitroaniline	9.45	65	271128	50.19	nq	# 67
48) Acenaphthylene	9.76	152	1260714	45.42	nq	99
49) Dimethylphthalate	9.62	163	1391413	72.82	nq	99
50) 2,6-Dinitrotoluene	9.69	165	227783	55.20	nq	96
51) Acenaphthene	9.93	154	738028	44.47	nq	96
52) 3-Nitroaniline	9.85	138	123883	26.23	nq	94
53) 2,4-Dinitrophenol	9.96	184	163132	77.85	nq	# 63
54) Dibenzofuran	10.10	168	1067119	48.07	nq	95
55) 4-Nitrophenol	10.03	139	321304	94.47	nq	84
56) 2,4-Dinitrotoluene	10.09	165	255759	46.56	nq	96
57) Fluorene	10.44	166	850290	49.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	203068	53.10	nq	95
59) Diethylphthalate	10.32	149	852659	47.35	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	362584	44.20	nq	90
61) 4-Nitroaniline	10.46	138	194955	40.31	nq	93
62) Azobenzene	10.59	77	960986	51.66	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	156539	53.62	nq	88
65) n-Nitrosodiphenylamine	10.56	169	768056	50.44	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	231692	46.53	nq	92
67) Hexachlorobenzene	10.99	284	225127	45.75	nq	94
68) Atrazine	11.08	200	228346	46.73	nq	99
69) Pentachlorophenol	11.18	266	225483	87.97	nq	98
70) Phenanthrene	11.40	178	1258923	46.10	nq	98
71) Anthracene	11.45	178	1113682	40.61	nq	98
72) Carbazole	11.61	167	1023000	39.02	nq	98
73) Di-n-butylphthalate	11.94	149	1372640	48.42	nq	# 96
74) Fluoranthene	12.58	202	1102331	39.13	nq	97
76) Benzidine	12.70	184	217755	16.69	nq	98
77) Pyrene	12.81	202	1029879	44.94	nq	99
79) Butylbenzylphthalate	13.42	149	434475	46.69	nq	99
80) Benzo(a)anthracene	14.00	228	773100	41.28	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	179898	26.95	nq	# 96
82) Chrysene	14.03	228	663843	37.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	586354	46.08	nq	98
84) Di-n-octyl phthalate	14.59	149	957600	46.21	nq	100
85) Indeno(1,2,3-cd)pyrene	16.84	276	890248	65.55	nq	# 94
87) Benzo(b)fluoranthene	15.03	252	754836m	39.17	nq	
88) Benzo(k)fluoranthene	15.06	252	741804m	44.59	nq	
89) Benzo(a)pyrene	15.38	252	744093	44.64	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	729548	54.16	nq	# 94
91) Benzo(g,h,i)perylene	17.27	276	791714	58.17	nq	# 90

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



#1

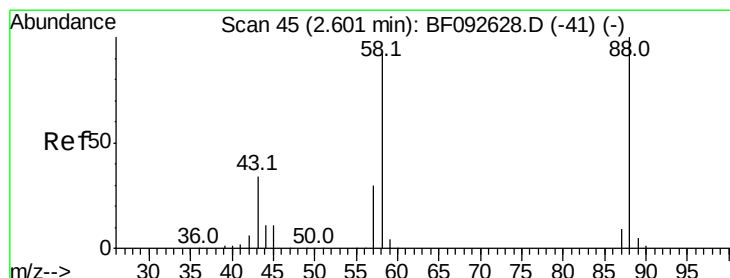
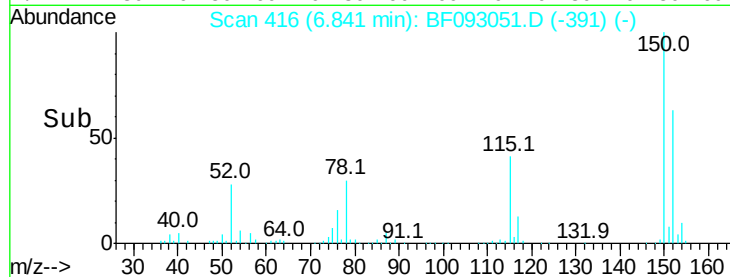
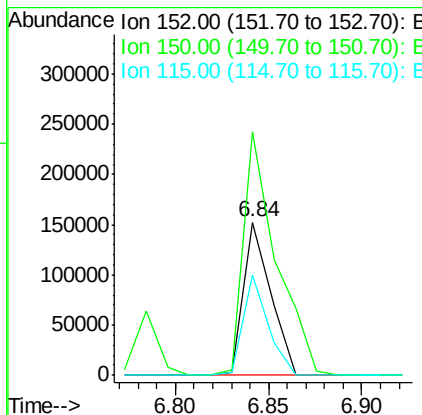
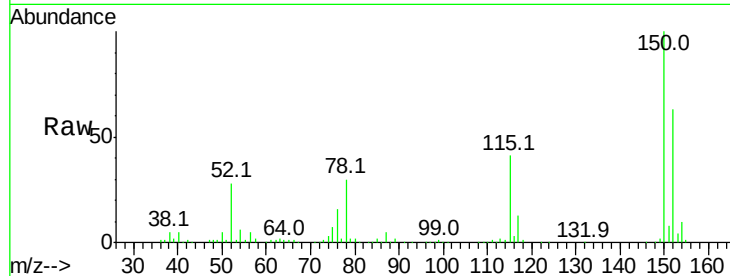
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.9	187.3
115	65.5	46.0	69.0

Manual Integrations
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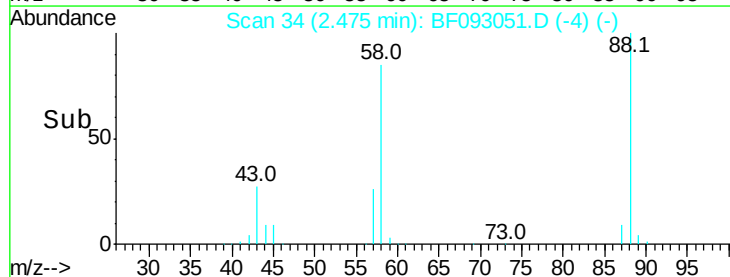
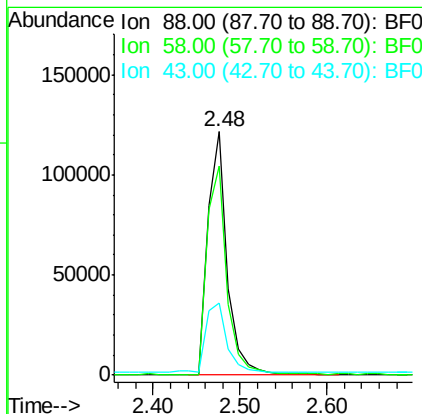
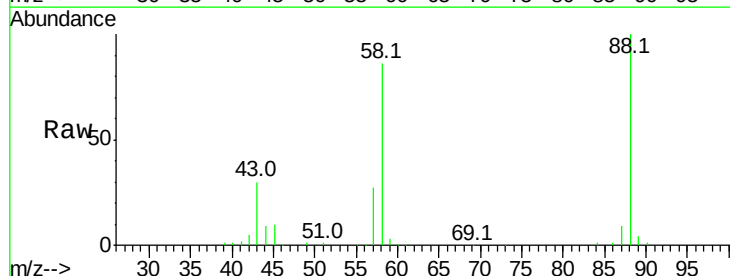
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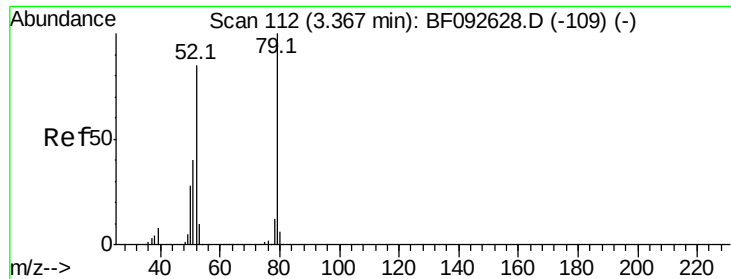


#2

1,4-Dioxane
Concen: 38.68 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.05 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	57.8	86.8#
43	32.3	22.3	33.5





#3

Pvridine

Concen: 39.62 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

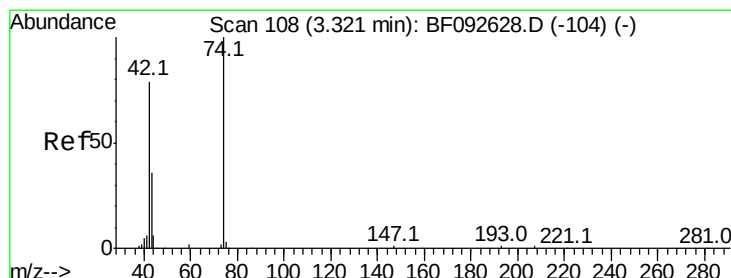
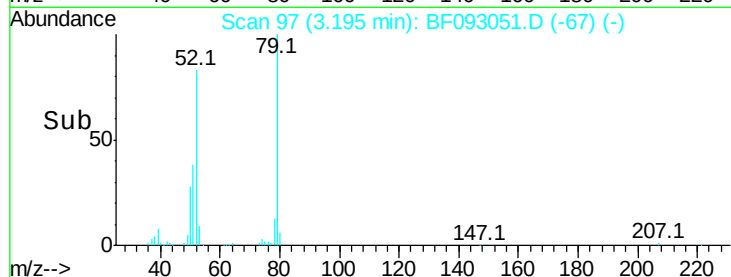
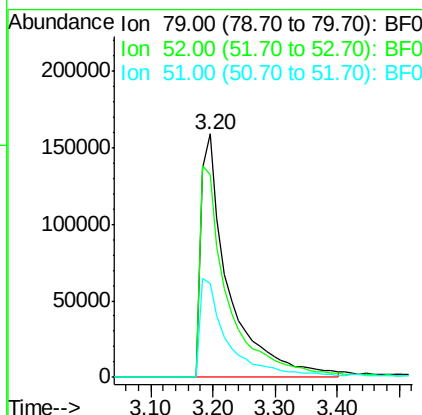
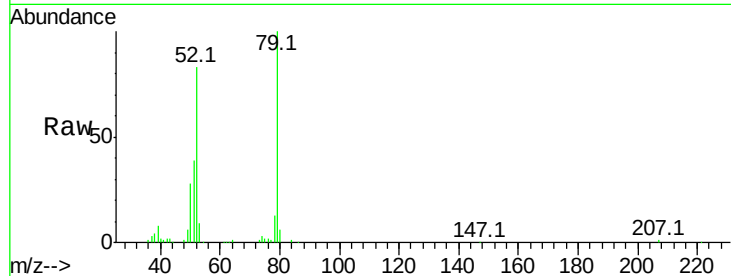
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:	79	Resp:	490470
Ion Ratio	Lower	Upper	
79	100		
52	83.1	57.1	85.7
51	38.7	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.63 ng

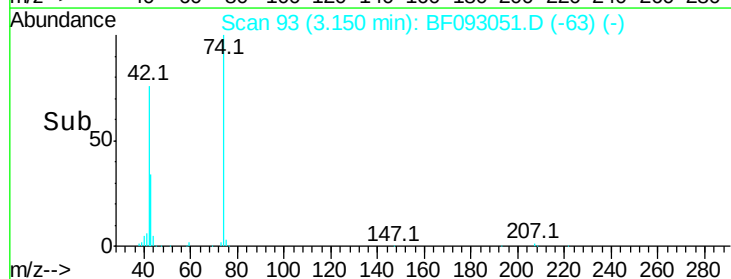
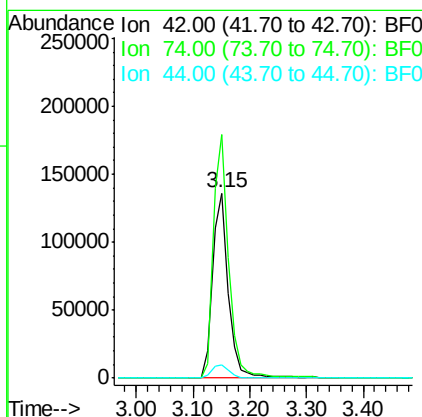
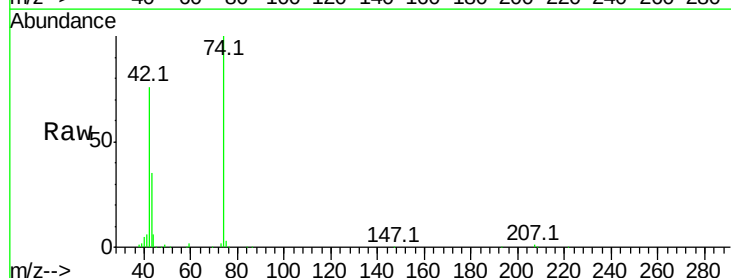
RT: 3.15 min Scan# 93

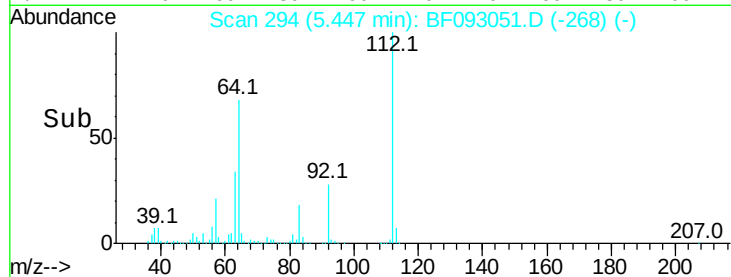
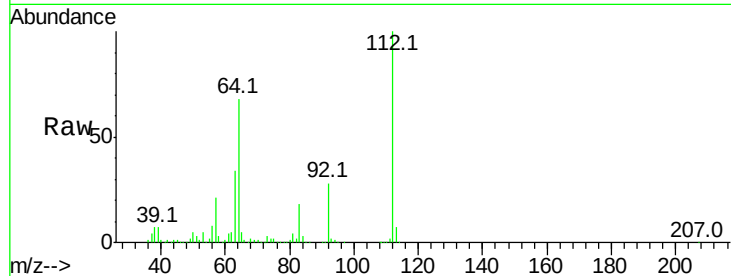
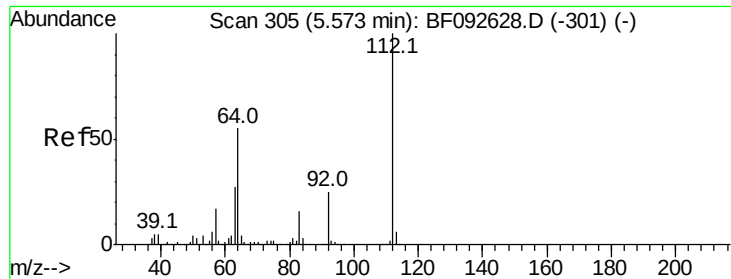
Delta R.T. 0.05 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	42	Resp:	259416
Ion Ratio	Lower	Upper	
42	100		
74	131.5	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 127.49 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tot Ion:	112	Resp:	1148694
Ion	Ratio	Lower	Upper
112	100		
64	68.2	46.1	69.1
63	34.0	23.8	35.6

Instrument :

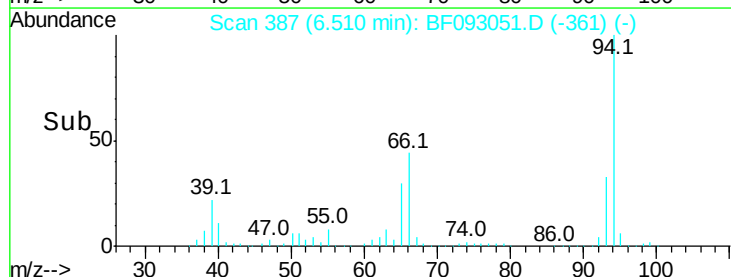
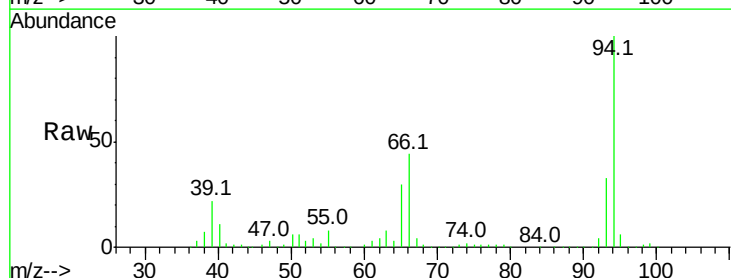
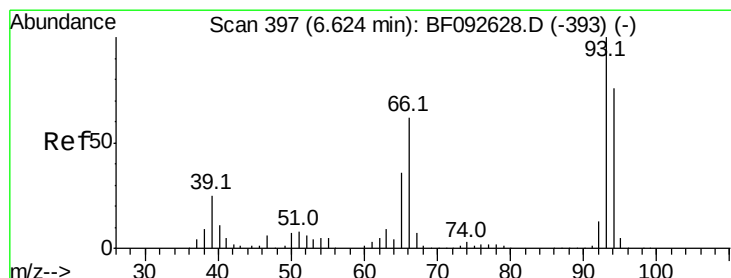
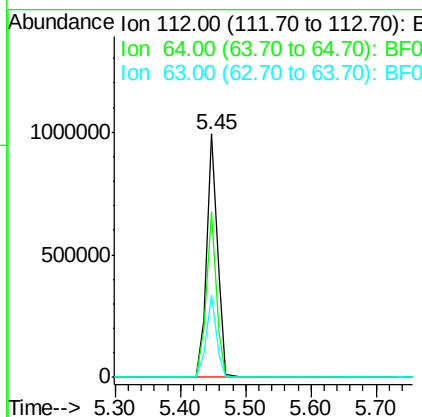
BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Manual Integrations
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#6

Aniline

Concen: 18.50 ng

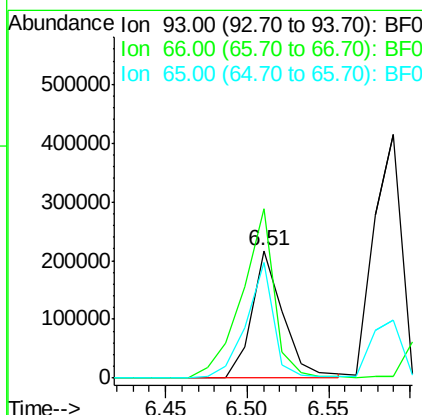
RT: 6.51 min Scan# 387

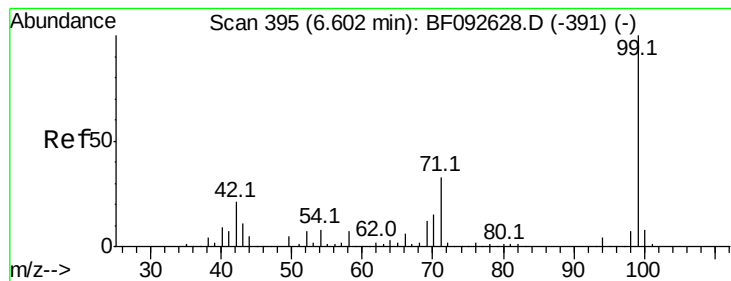
Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	93	Resp:	292610
Ion	Ratio	Lower	Upper
93	100		
66	133.2	76.2	114.2#
65	91.0	49.3	73.9#





#7

Phenol-d6

Concen: 141.30 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tot Ion: 99 Resp: 1638144

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

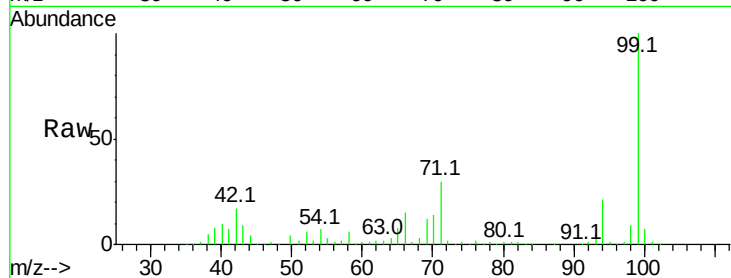
71 30.1 27.5 41.3

Manual Integrations

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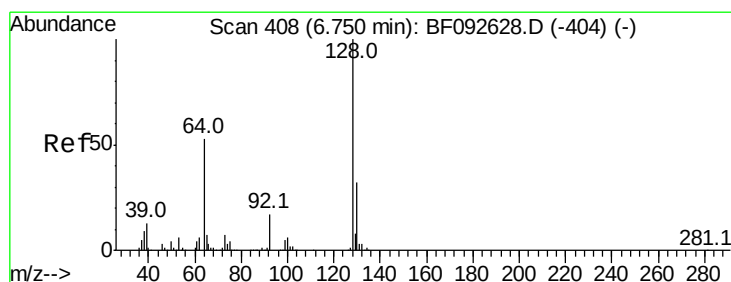
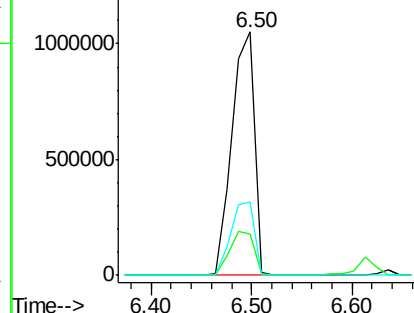
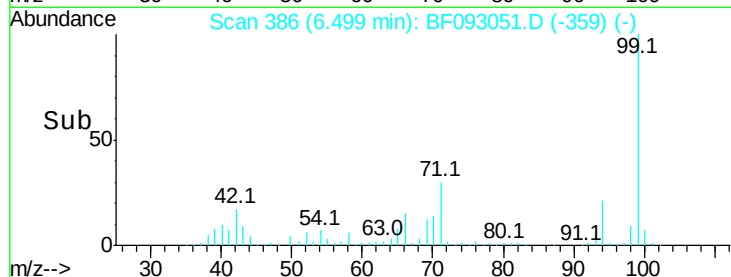
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.44 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

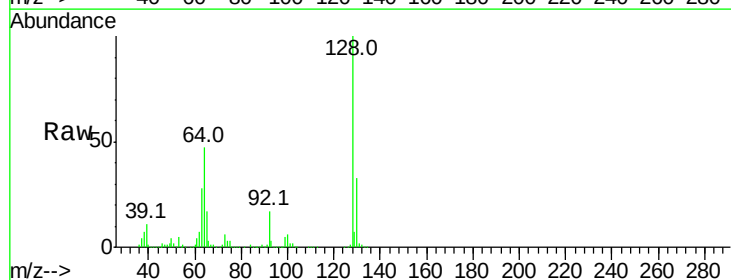
Tgt Ion:128 Resp: 471544

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

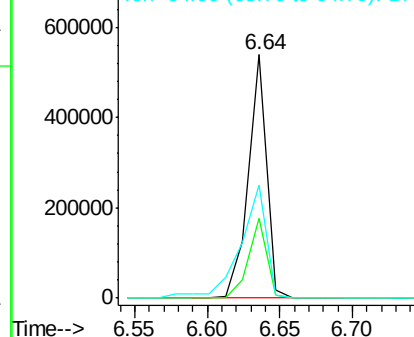
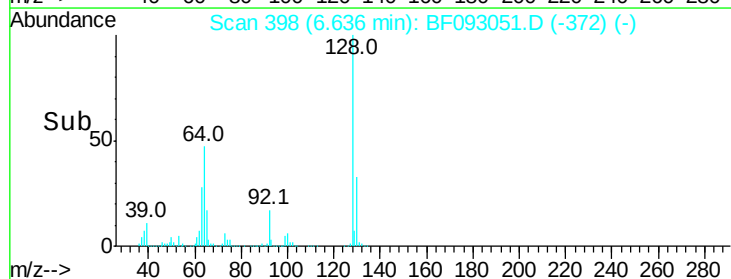
64 46.6 32.2 72.2

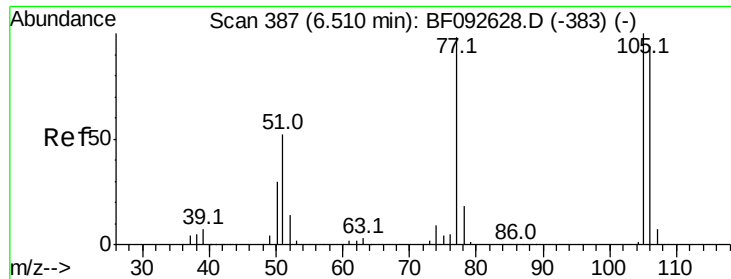


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





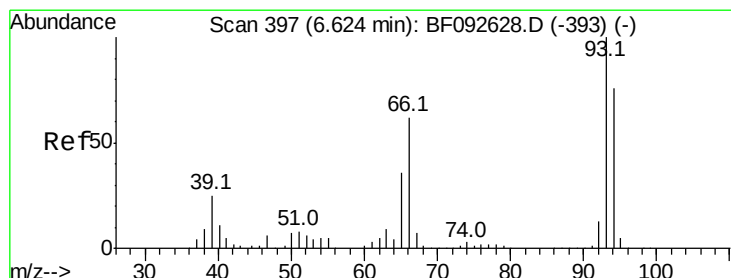
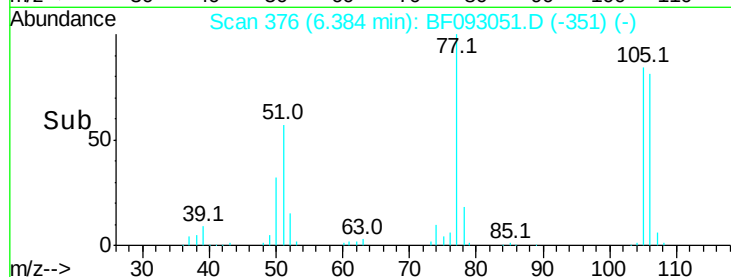
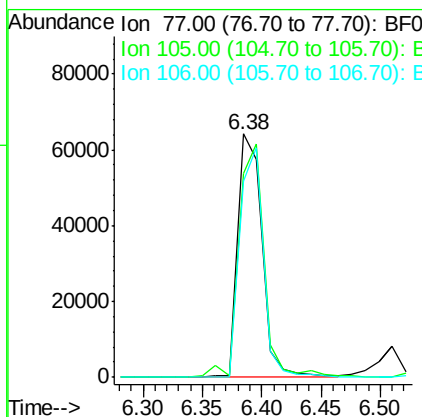
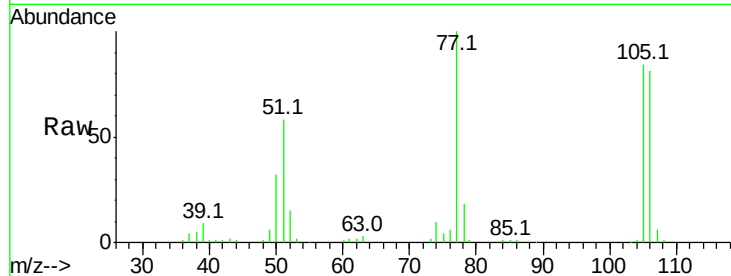
#9
Benzaldehyde
Concen: 11.08 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion: 77 Resp: 92003
Ion Ratio Lower Upper
77 100
105 83.7 83.9 123.9#
106 80.7 77.6 117.6

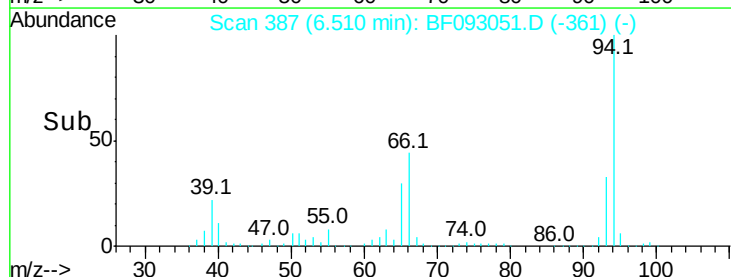
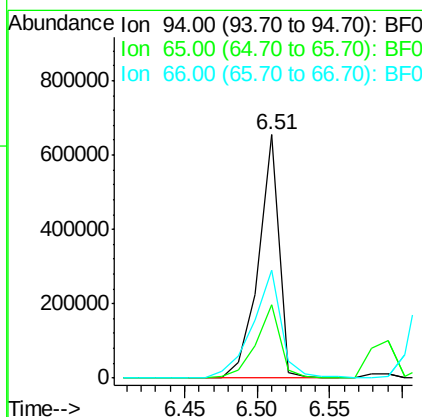
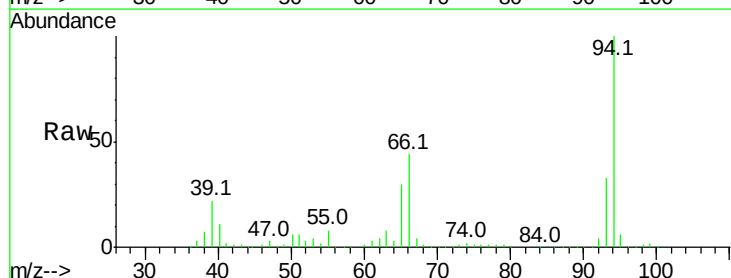
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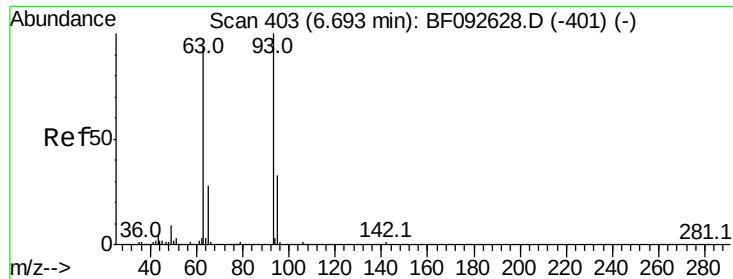
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2/21/2017 3:57:44 PM



#10
Phenol
Concen: 47.85 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion: 94 Resp: 649036
Ion Ratio Lower Upper
94 100
65 30.1 21.4 61.4
66 44.1 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.86 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

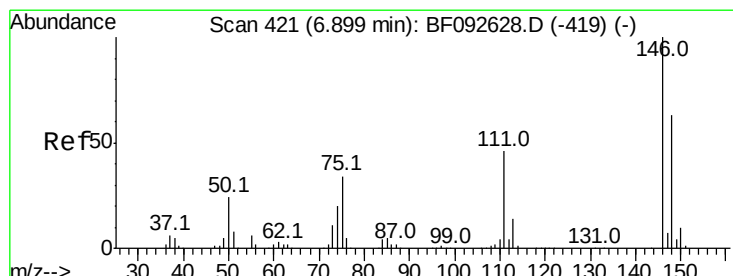
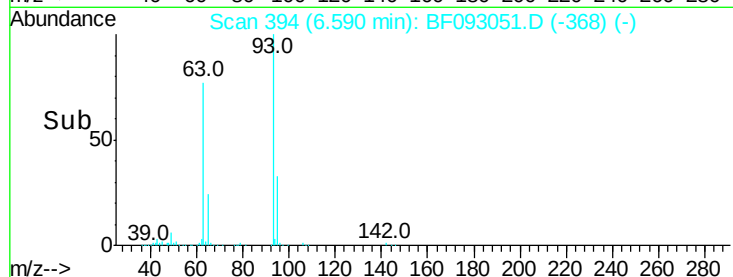
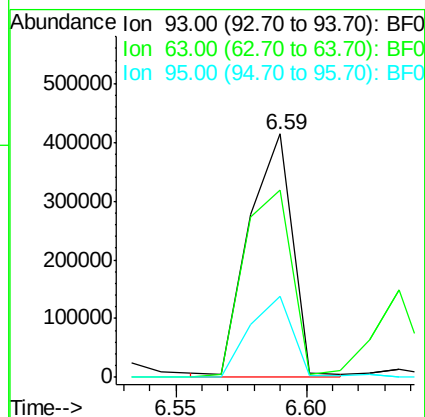
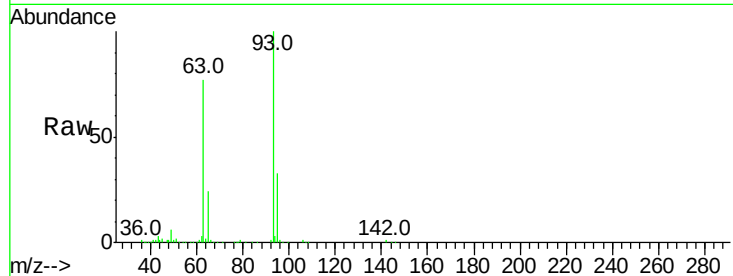
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:	93	Resp:	485716
Ion Ratio	Lower	Upper	
93	100		
63	77.1	60.4	100.4
95	33.2	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.83 ng

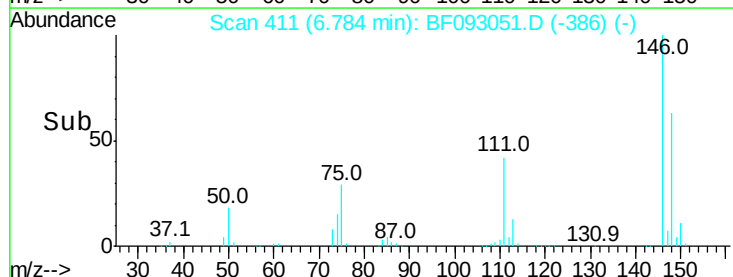
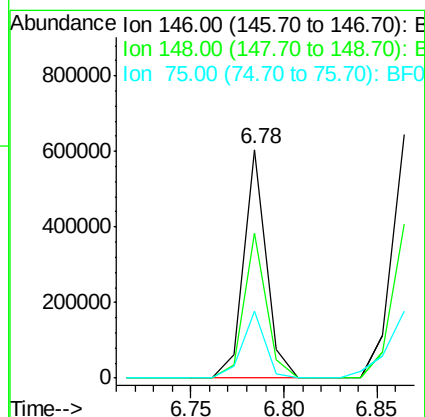
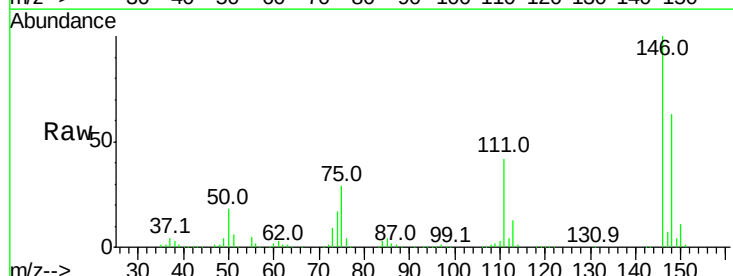
RT: 6.78 min Scan# 411

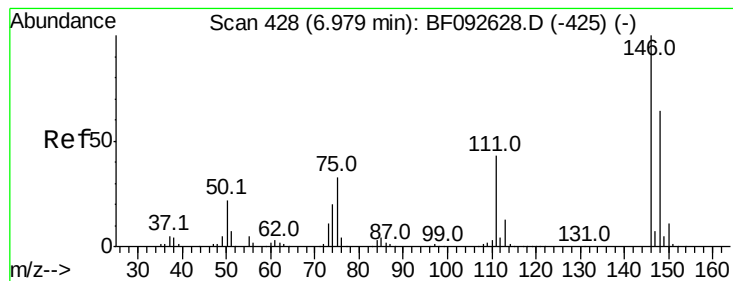
Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	146	Resp:	510334
Ion Ratio	Lower	Upper	
146	100		
148	63.3	53.4	80.0
75	29.2	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 46.39 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

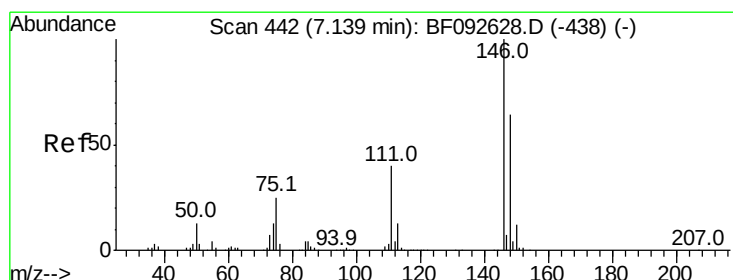
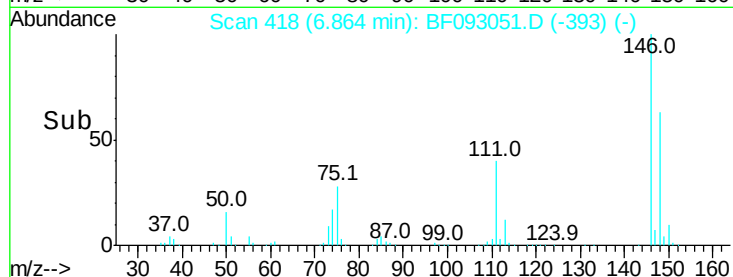
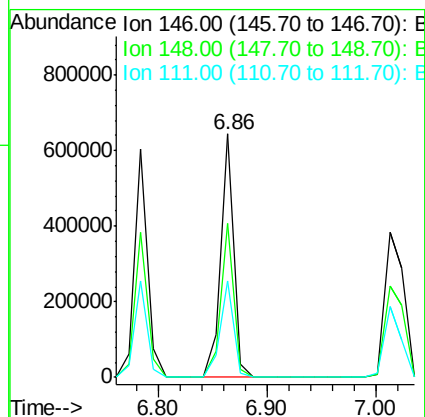
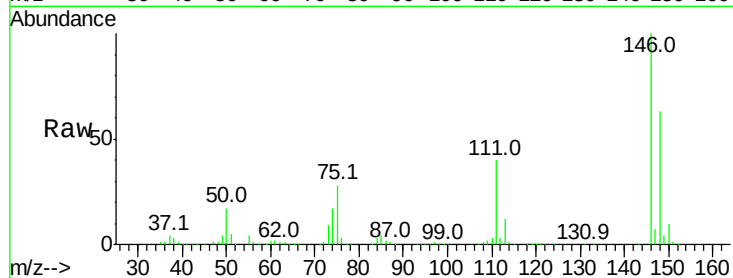
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:	146	Resp:	546657
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	39.5	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.77 ng

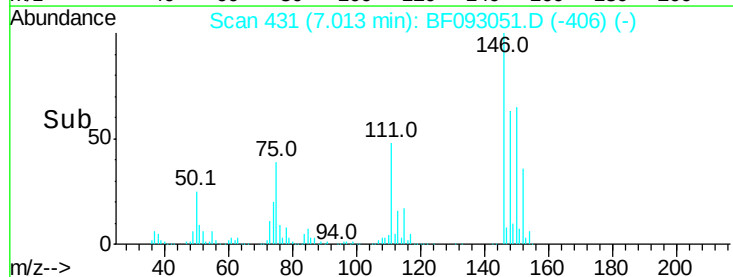
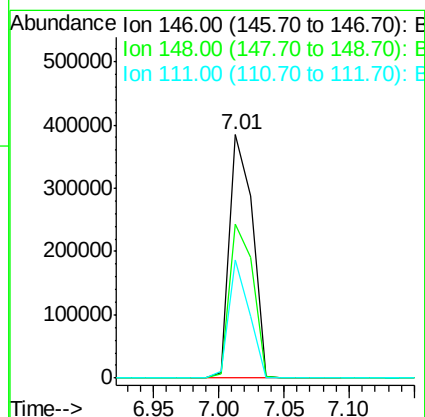
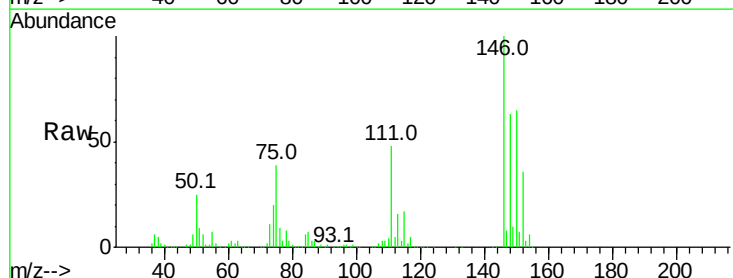
RT: 7.01 min Scan# 431

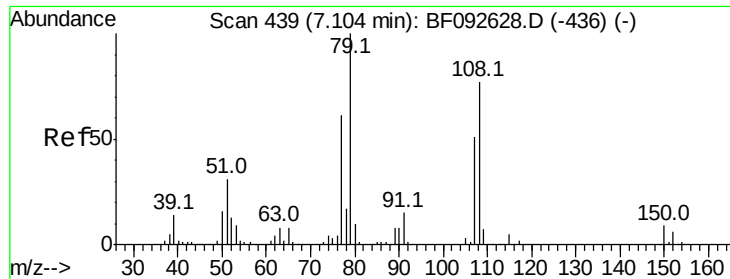
Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	146	Resp:	470633
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.2	78.2
111	48.4	36.2	54.2





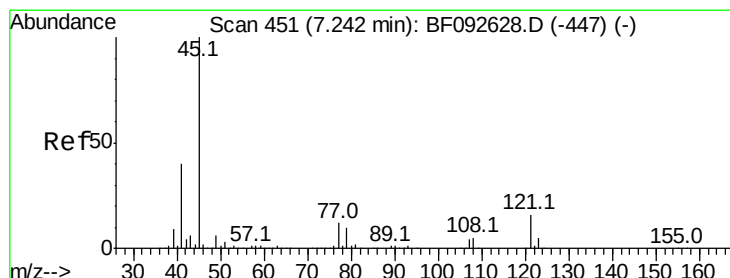
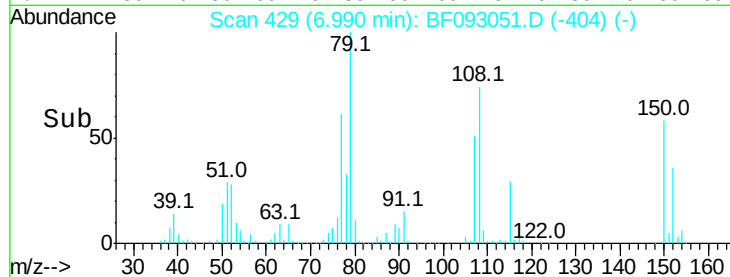
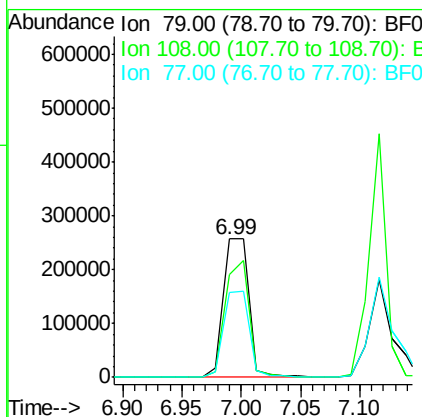
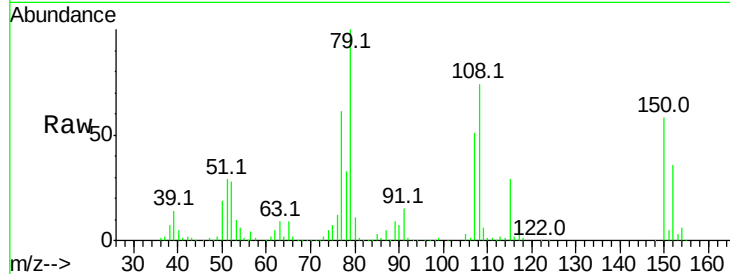
#15
Benzyl Alcohol
Concen: 44.69 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion: 79 Resp: 383588
Ion Ratio Lower Upper
79 100
108 74.0 61.4 92.0
77 61.0 50.9 76.3

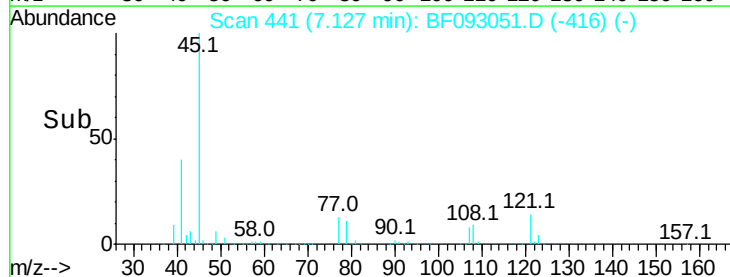
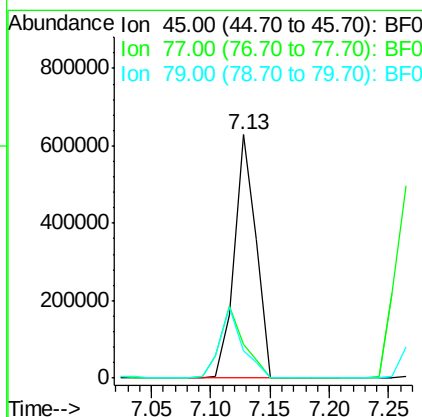
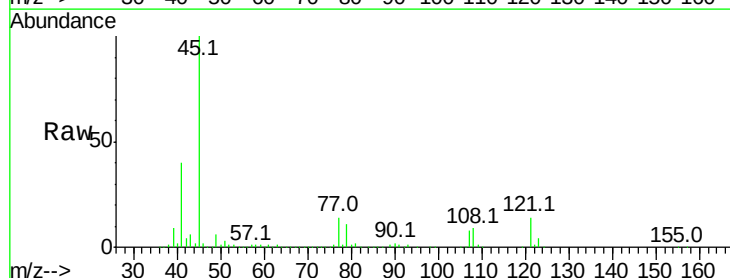
Manual Integrations
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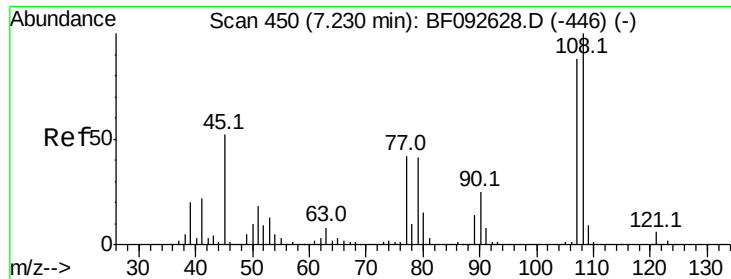
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.26 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion: 45 Resp: 794805
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.6
79 11.3 0.0 31.2





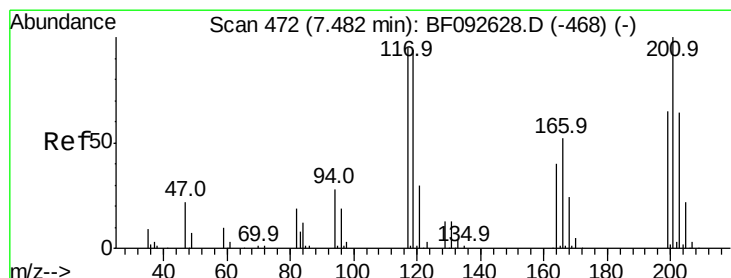
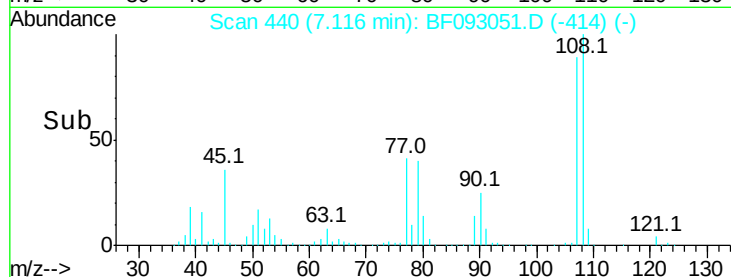
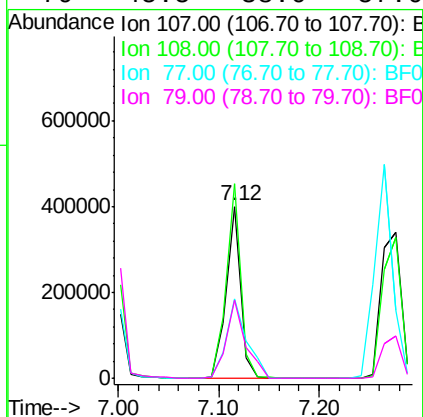
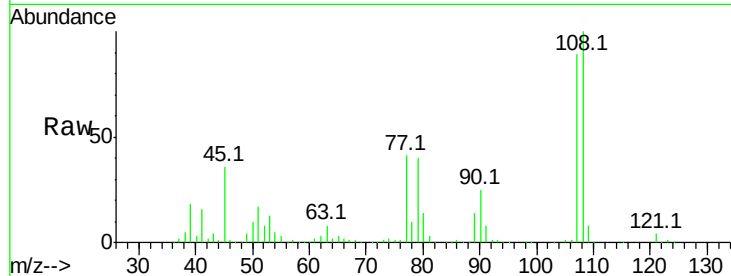
#17
2-Methylphenol
Concen: 47.16 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	93.0	139.6	
77	46.2	39.8	59.8	
79	45.5	38.0	57.0	

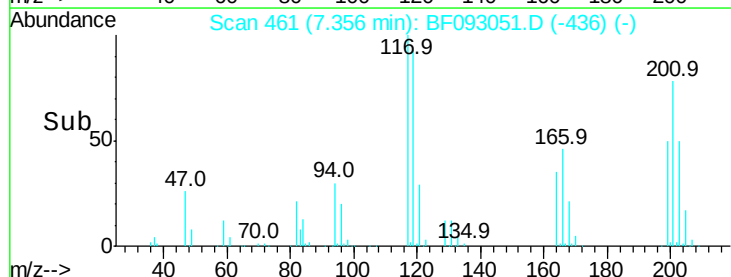
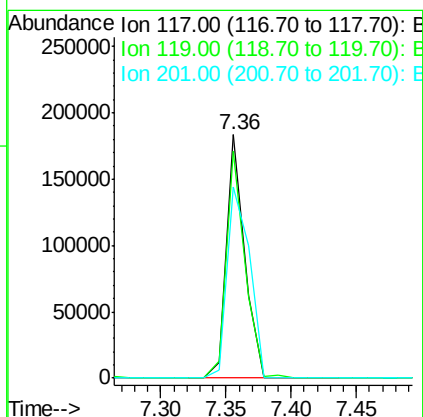
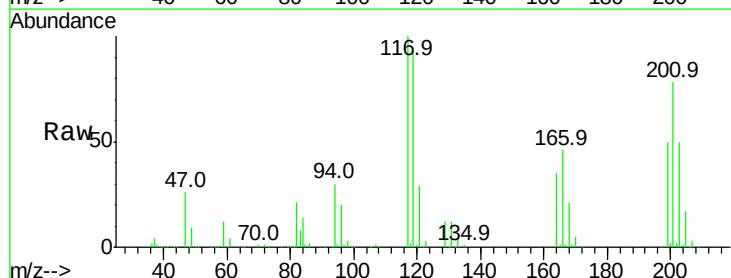
Manual Integrations
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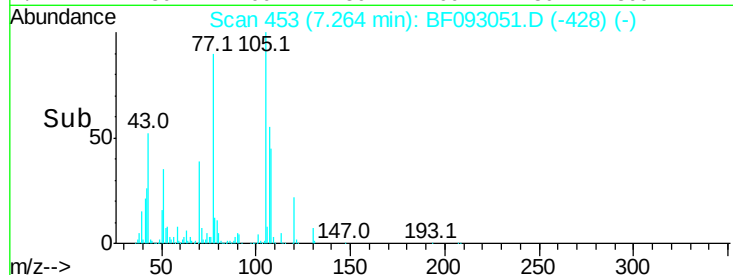
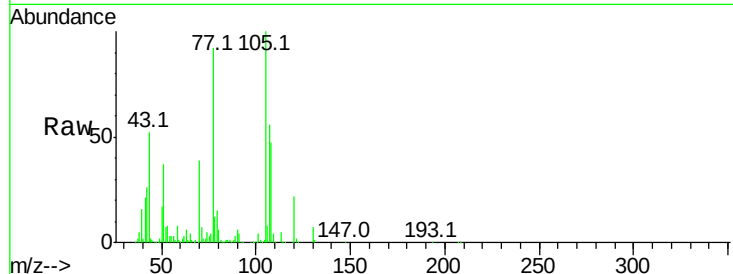
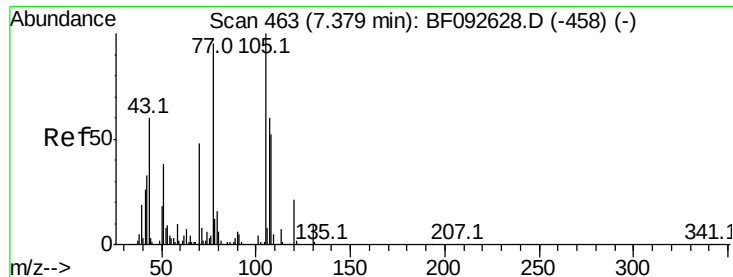
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#18
Hexachloroethane
Concen: 44.29 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	78.1	117.1	
201	78.4	78.6	117.8#	





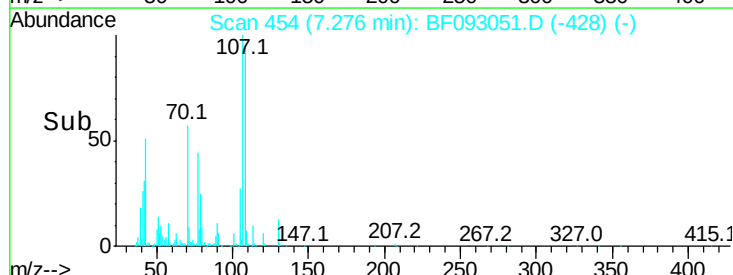
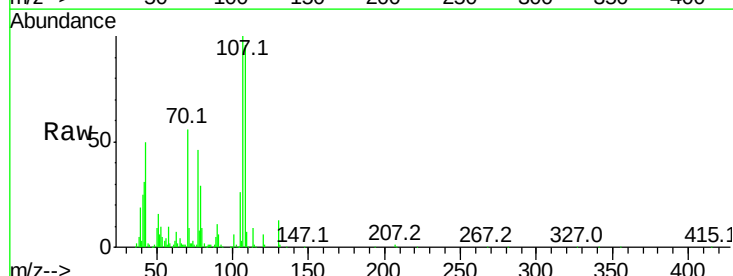
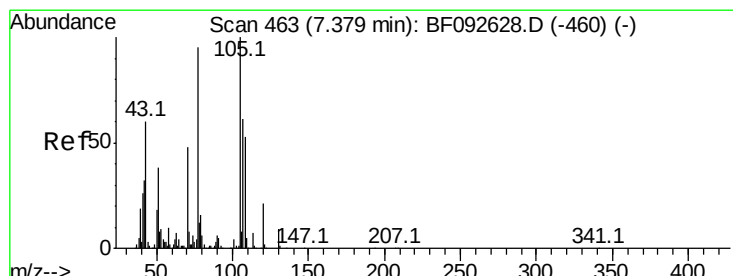
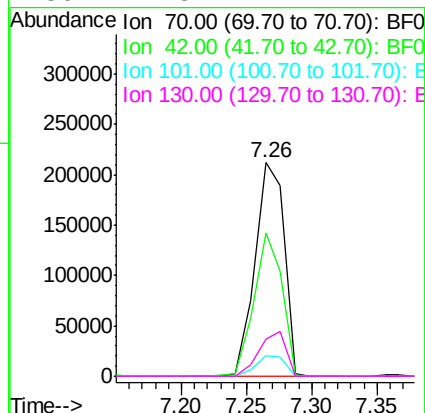
#19
n-Nitroso-di-n-propylamine
Concen: 44.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	70	Resp	330958
Ion Ratio	Lower	Upper	
70	100		
42	67.2	49.4	74.0
101	9.4	7.4	11.2
130	17.3	14.2	21.4

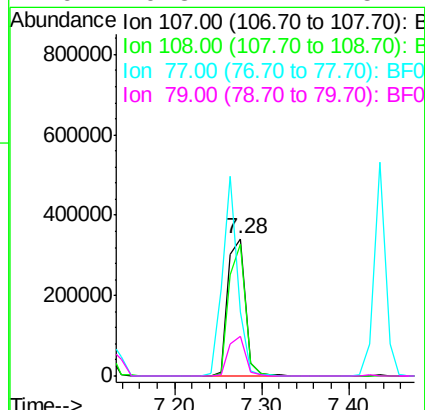
Manual Integrations
APPROVED

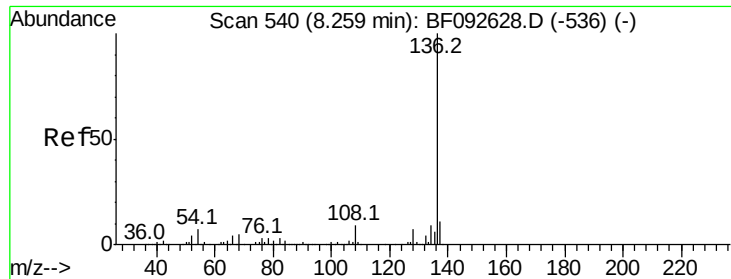
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#20
3+4-Methylphenols
Concen: 46.96 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	107	Resp	478769
Ion Ratio	Lower	Upper	
107	100		
108	96.2	73.0	113.0
77	46.3	71.3	111.3#
79	29.3	11.1	51.1





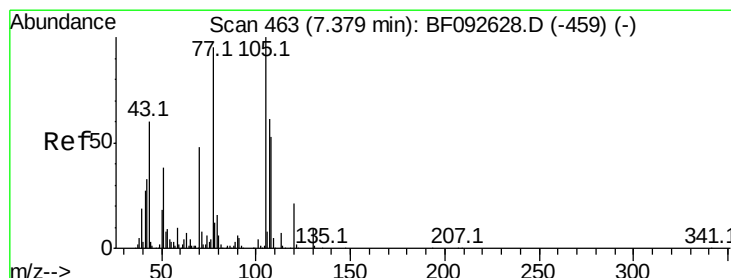
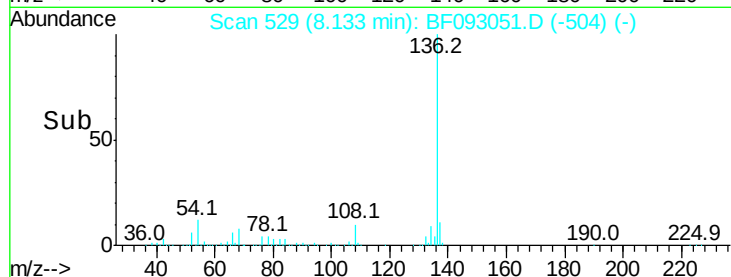
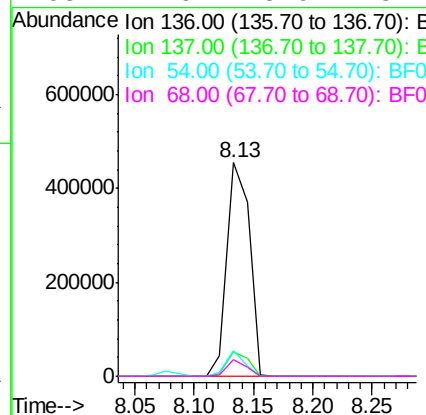
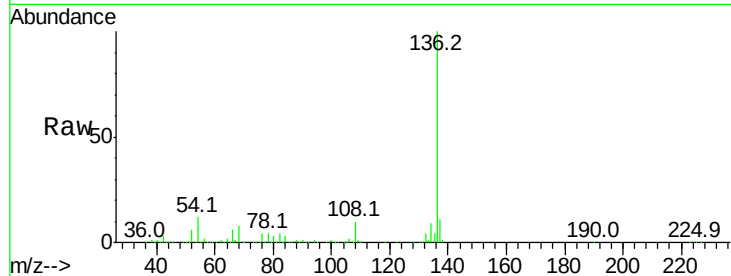
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	599240		
137	11.2	8.4	12.6	
54	12.2	4.5	6.7#	
68	7.9	3.6	5.4#	

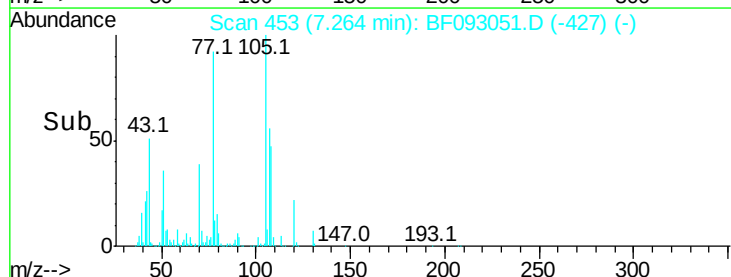
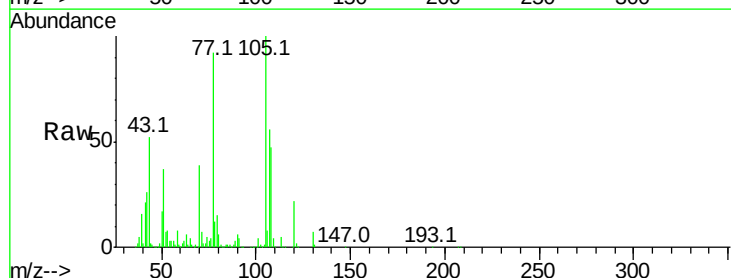
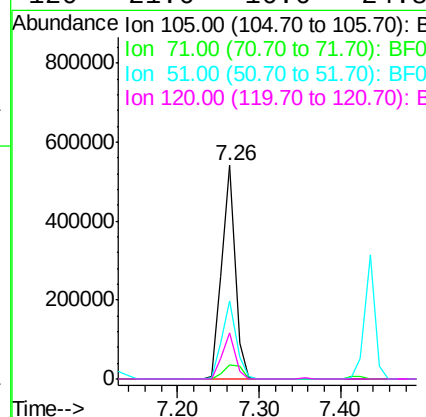
Manual Integrations
APPROVED

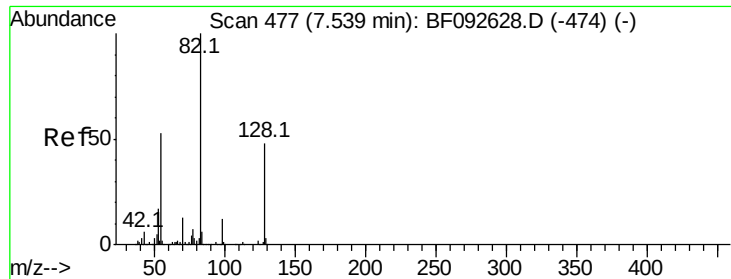
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#22
Acetophenone
Concen: 45.42 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621400		
71	6.8	3.2	4.8#	
51	36.6	26.2	39.4	
120	21.6	16.6	24.8	





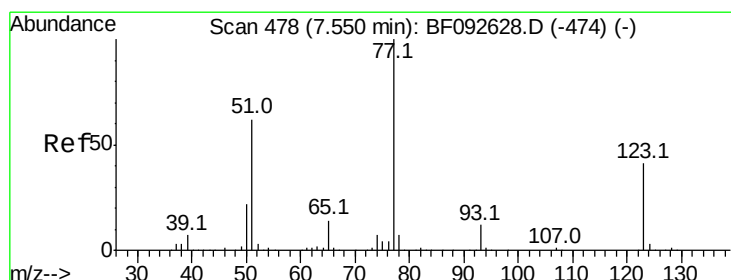
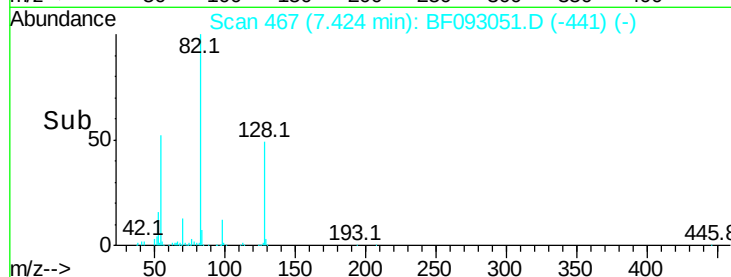
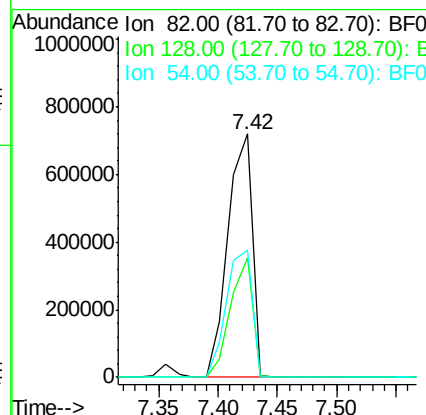
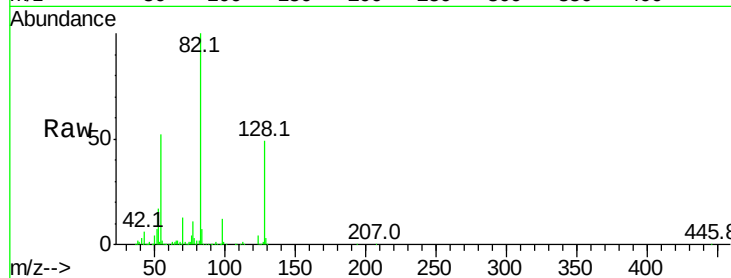
#23
Nitrobenzene-d5
Concen: 95.23 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion: 82 Resp: 1024728
Ion Ratio Lower Upper
82 100
128 48.9 34.6 52.0
54 52.2 39.5 59.3

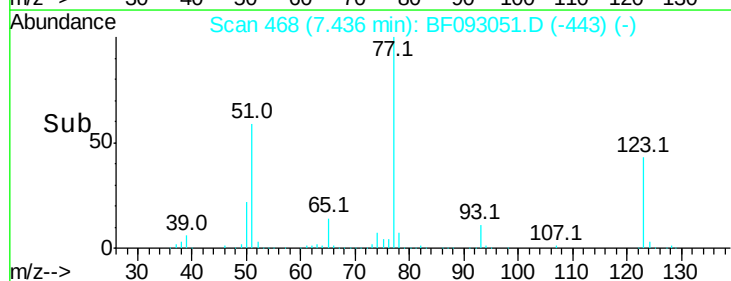
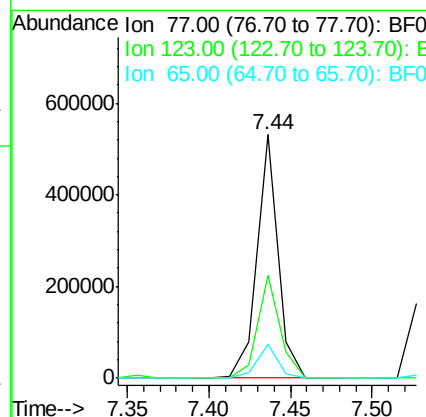
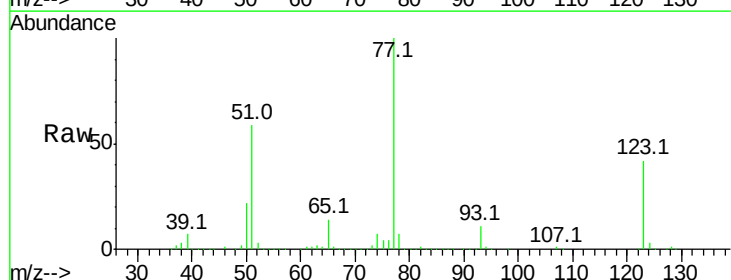
Manual Integrations
APPROVED

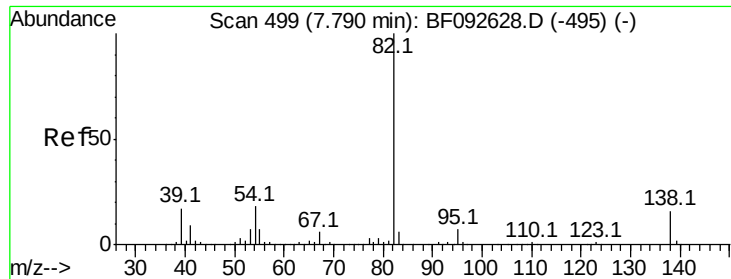
mohammad
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#24
Nitrobenzene
Concen: 43.11 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion: 77 Resp: 476319
Ion Ratio Lower Upper
77 100
123 42.4 33.0 49.4
65 13.8 11.2 16.8





#25

Isophorone

Concen: 46.37 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

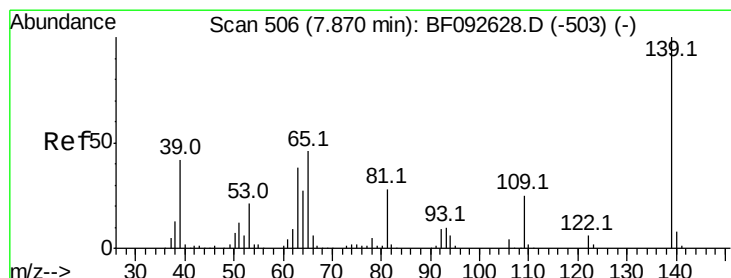
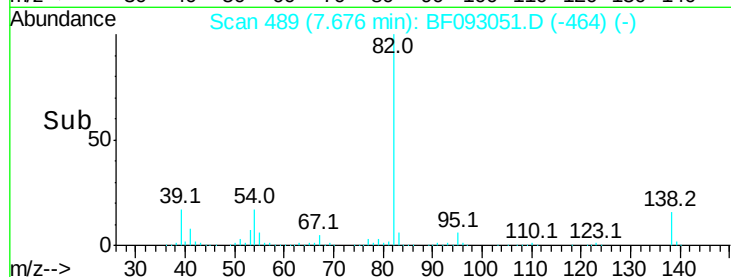
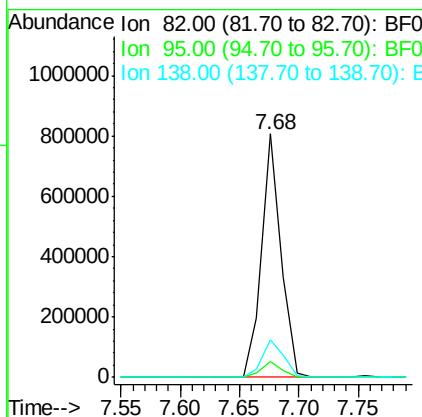
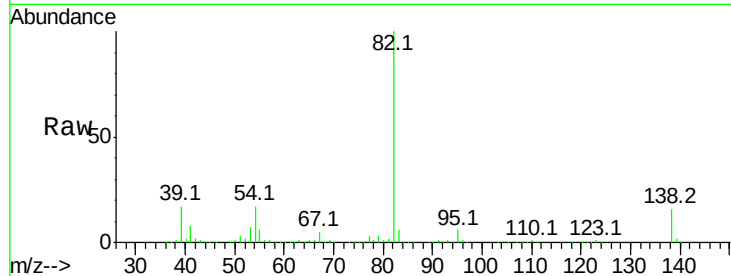
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:	82	Resp:	929902
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.6	8.4
138	15.5	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.76 ng

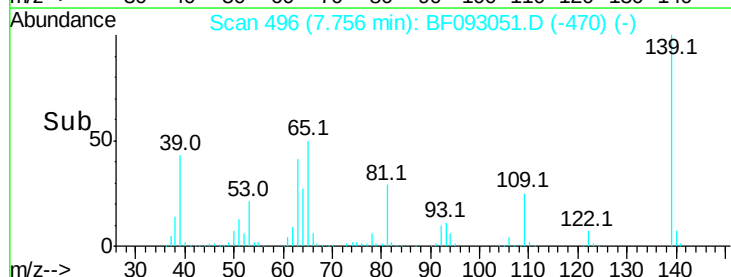
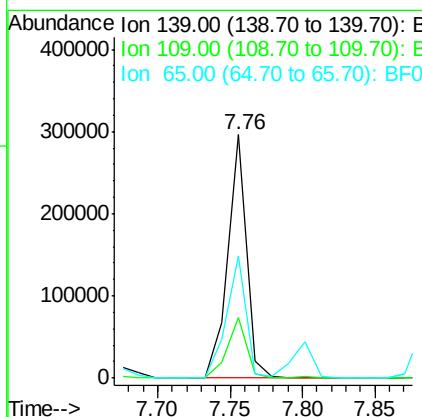
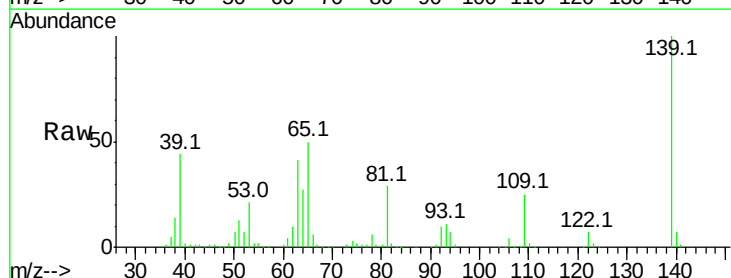
RT: 7.76 min Scan# 496

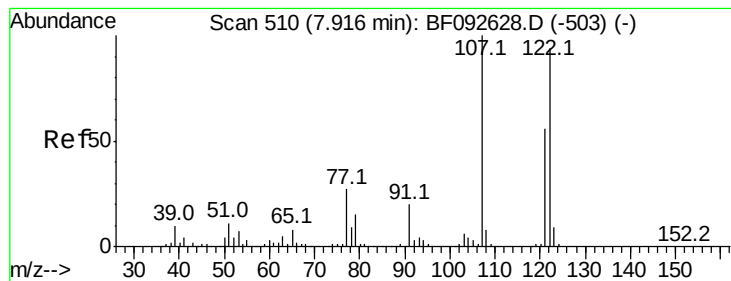
Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	139	Resp:	266595
Ion Ratio		Lower	Upper
139	100		
109	25.1	23.3	34.9
65	50.2	42.7	64.1





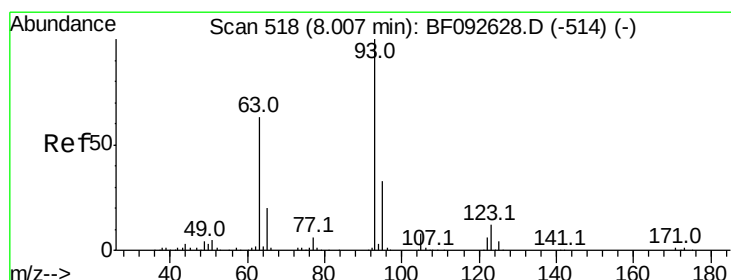
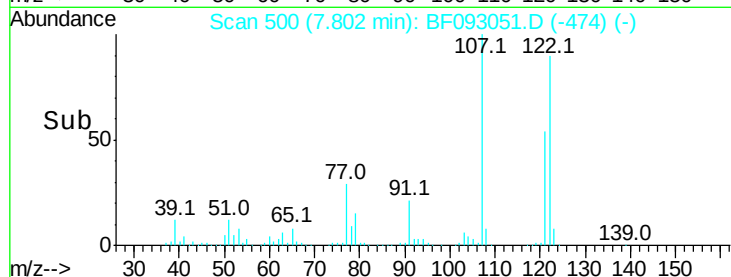
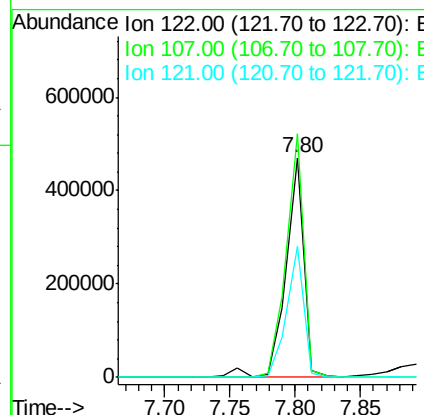
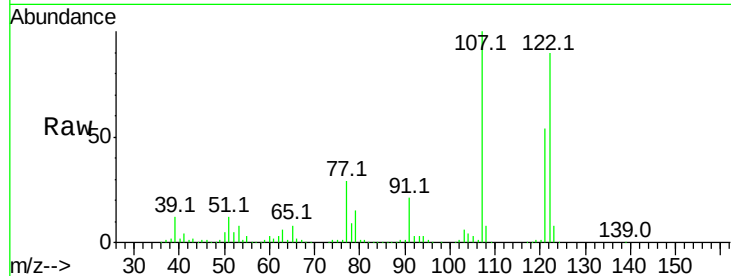
#27
2,4-Dimethylphenol
Concen: 49.70 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	94.1	141.1
121	59.7	46.0	69.0

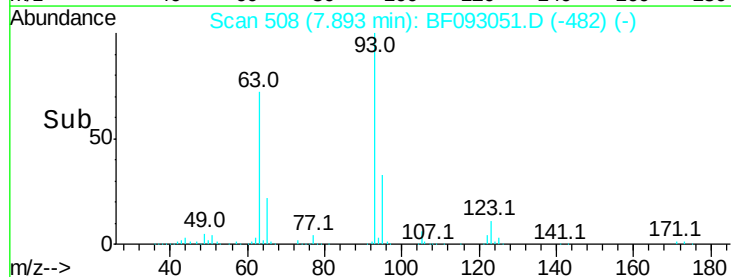
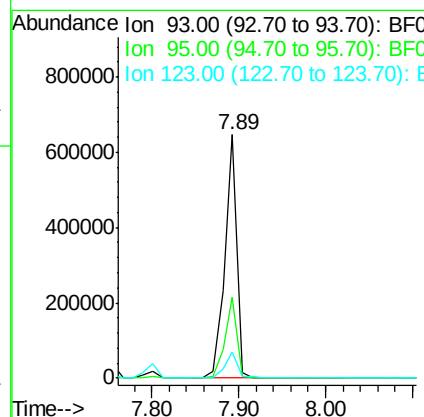
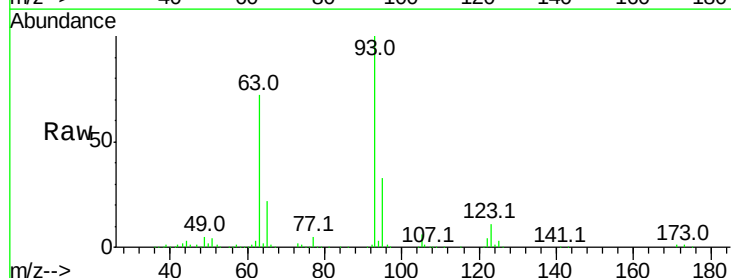
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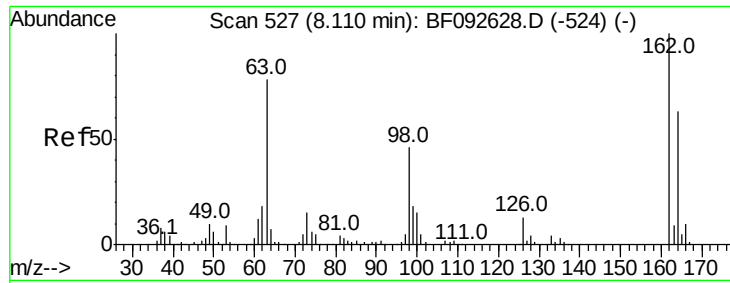
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.26 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.7	8.6	13.0





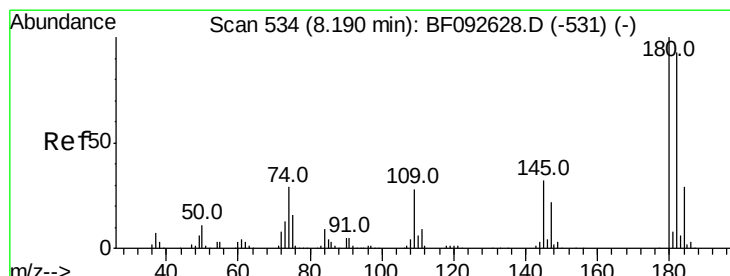
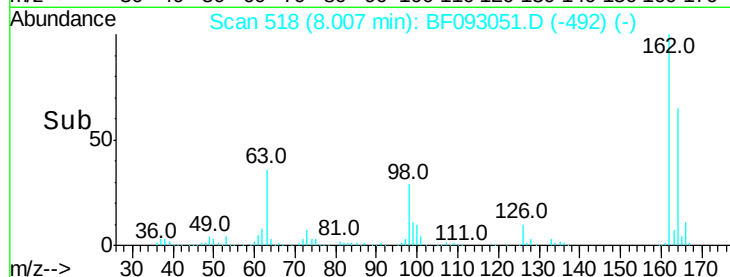
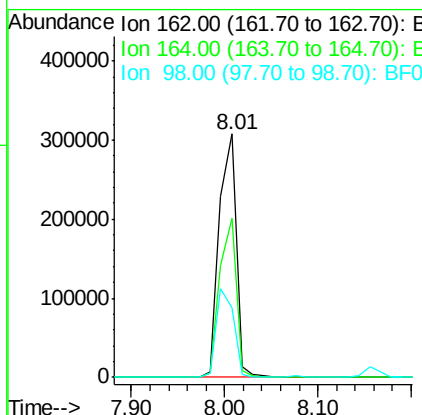
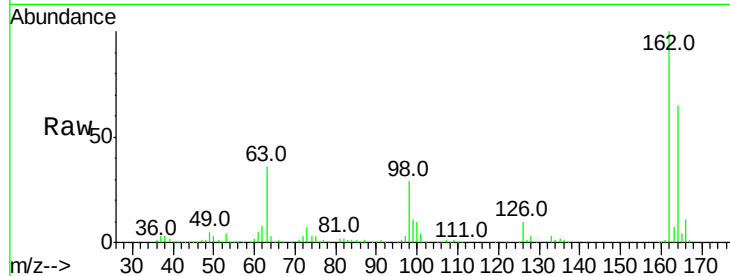
#29
 2,4-Dichlorophenol
 Concen: 45.20 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	46.8	86.8
98	28.8	9.1	49.1

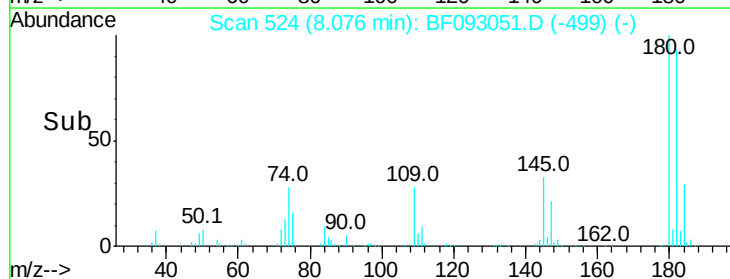
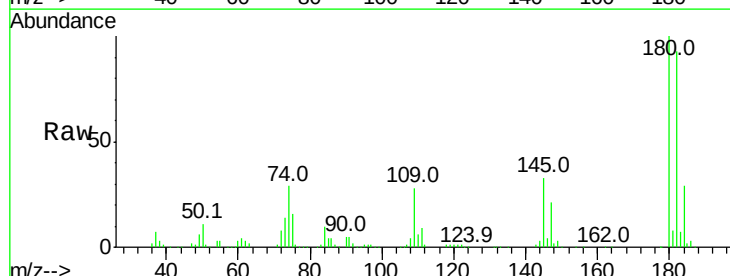
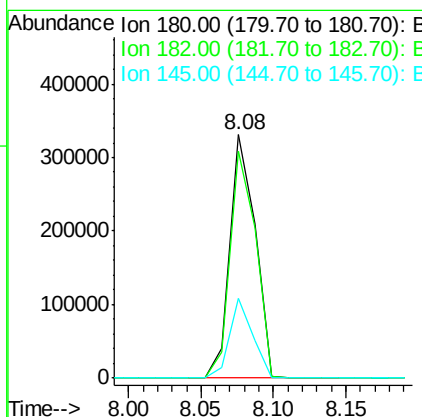
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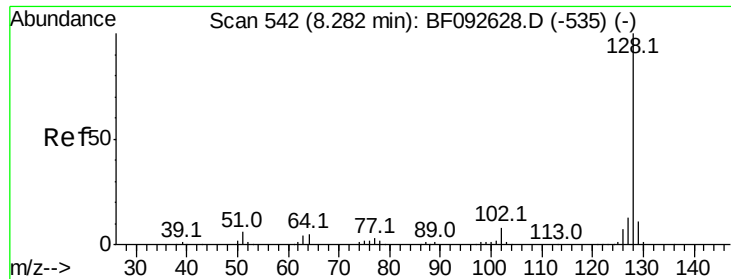
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.18 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	78.2	117.4
145	32.6	21.6	32.4#





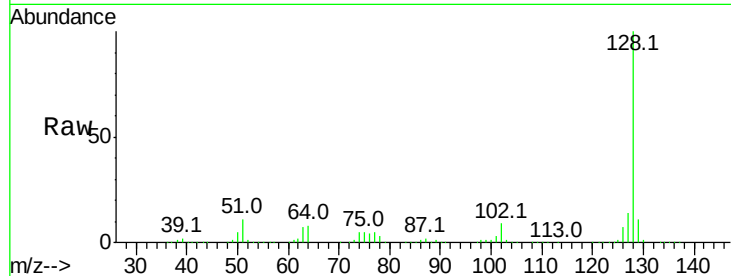
#31
Naphthalene
Concen: 41.45 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

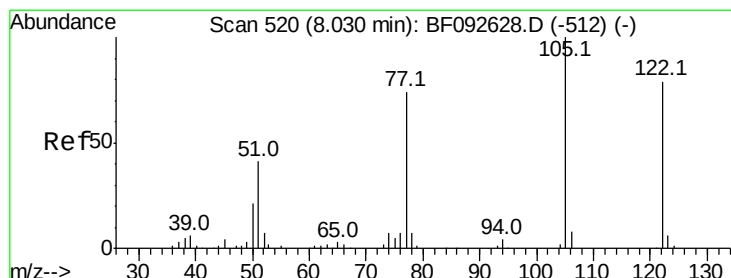
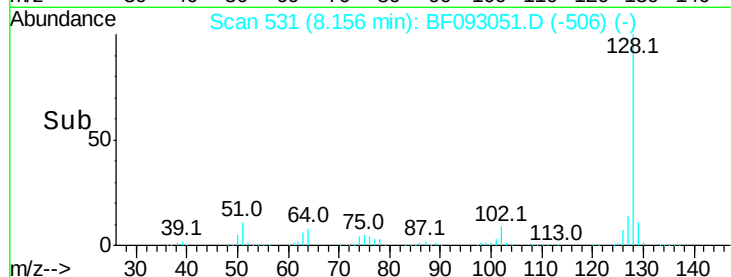
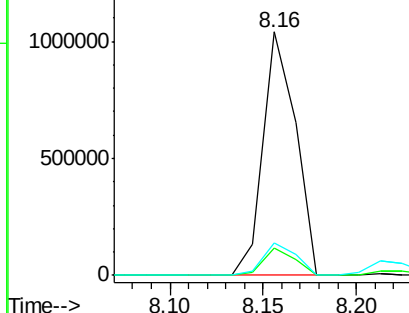
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.5	10.8	16.2

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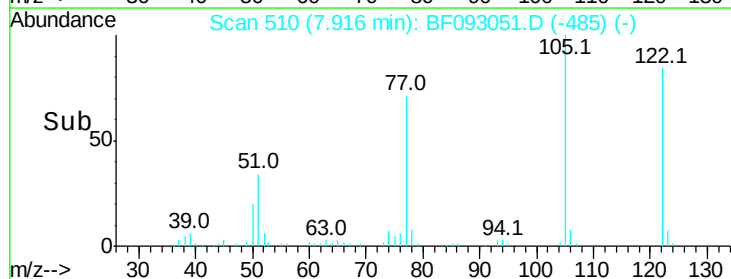
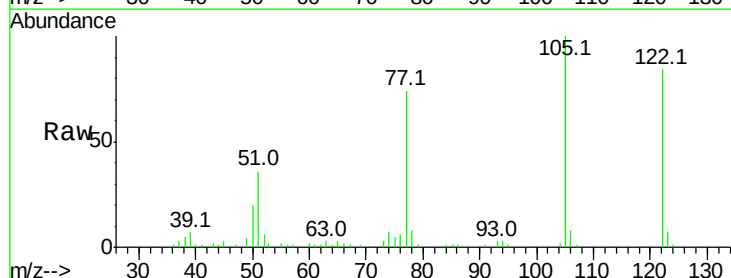
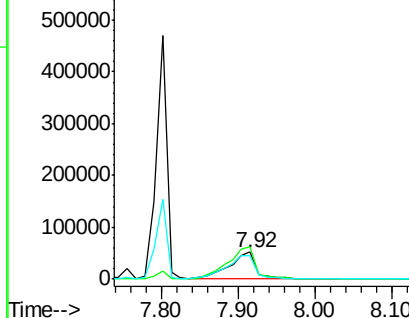
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

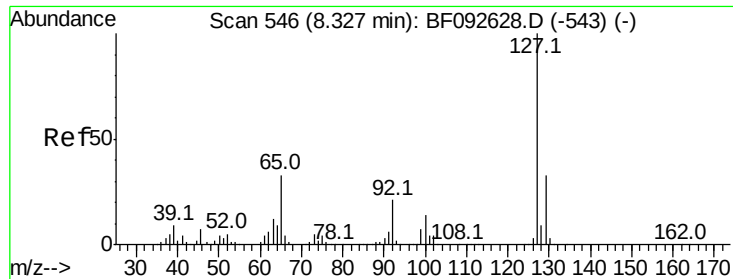


#32
Benzoic acid
Concen: 27.82 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	107.2	147.2
77	88.8	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





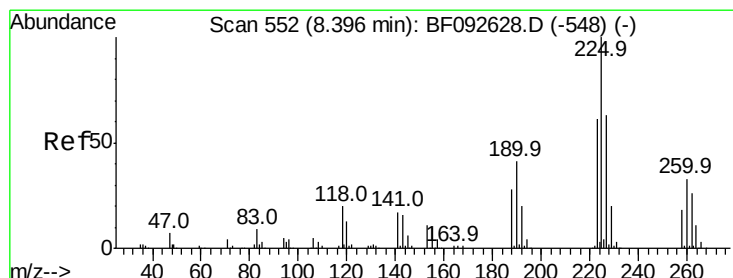
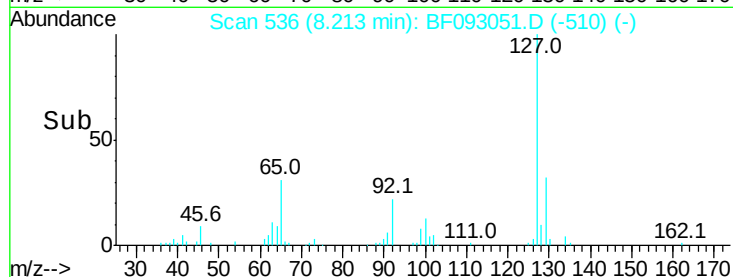
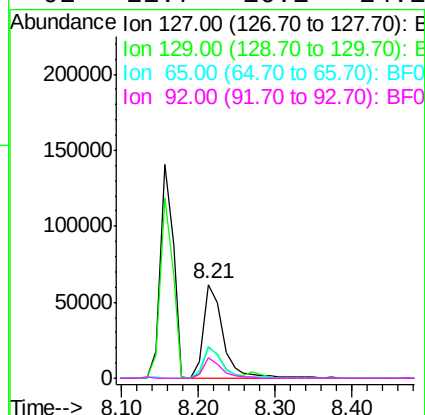
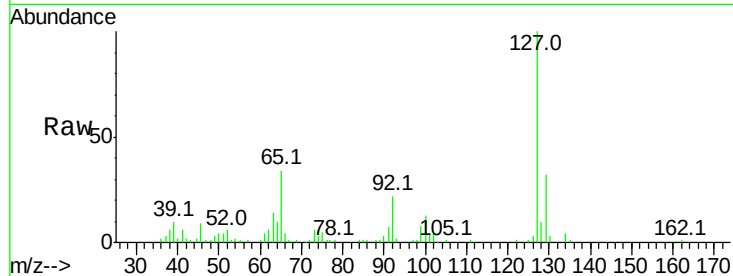
#33
4-Chloroaniline
Concen: 9.21 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	33.6	25.8	38.8	
92	21.7	16.1	24.1	

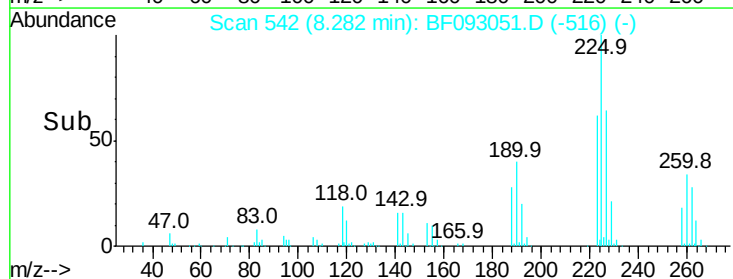
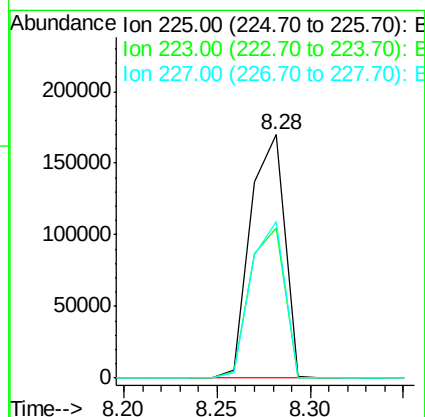
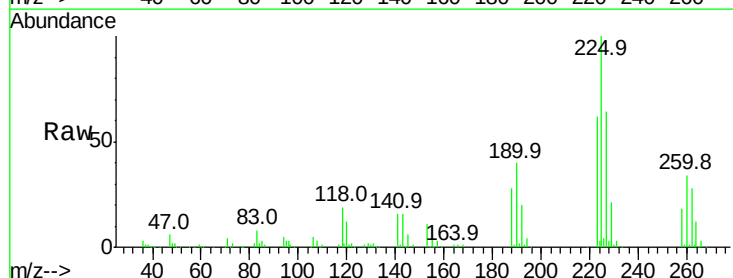
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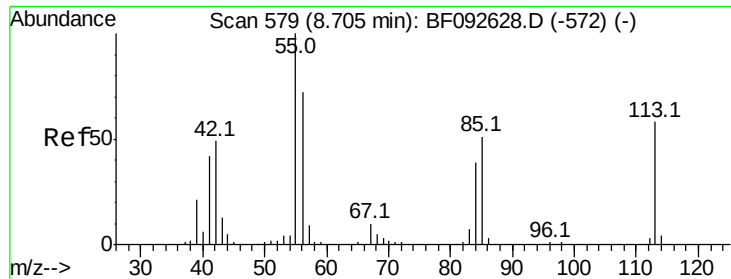
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#34
Hexachlorobutadiene
Concen: 42.25 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	51.0	76.6	
227	64.4	50.6	76.0	





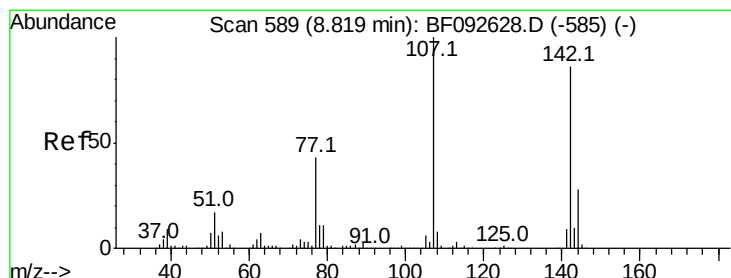
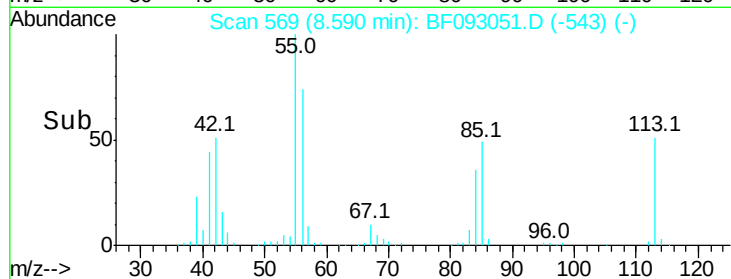
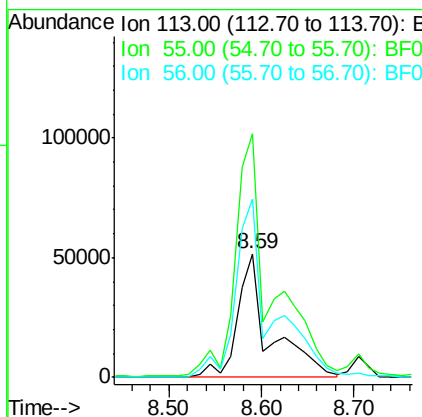
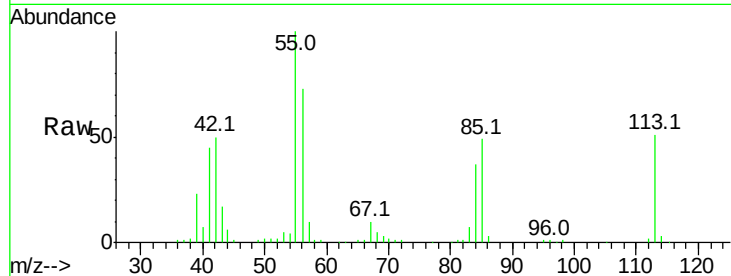
#35
 Caprolactam
 Concen: 46.18 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.3	119.2	159.2#
56	144.7	83.8	123.8#

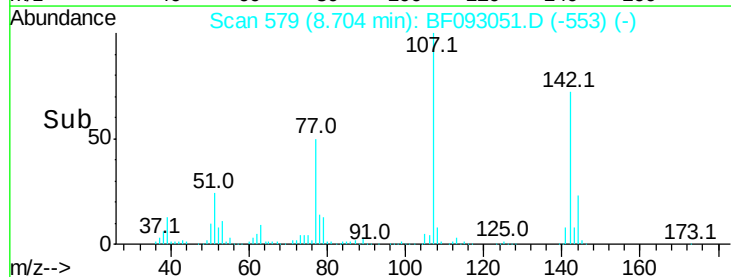
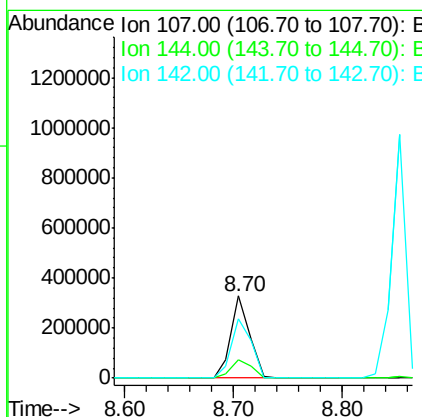
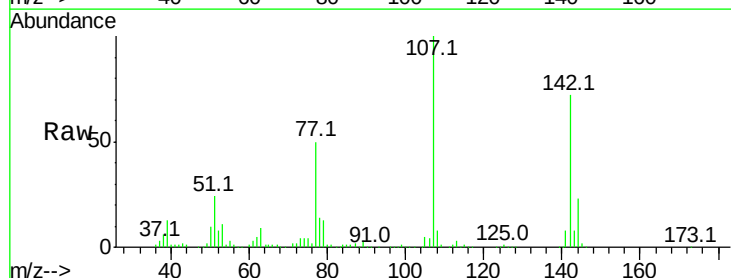
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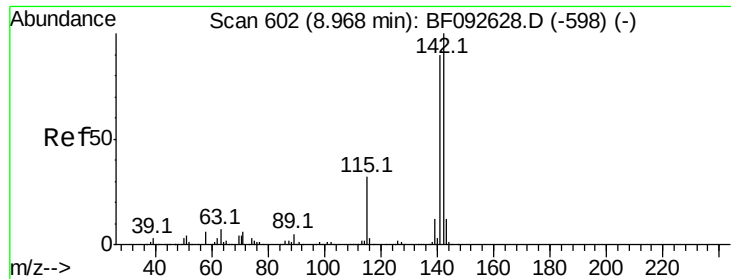
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#36
 4-Chloro-3-methylphenol
 Concen: 43.54 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.3	28.9
142	72.1	59.0	88.6





#37

2-Methylnaphthalene

Concen: 45.93 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

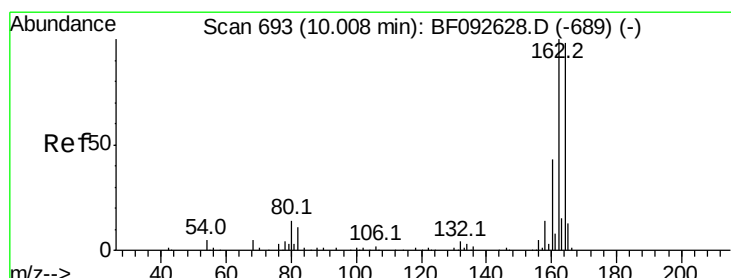
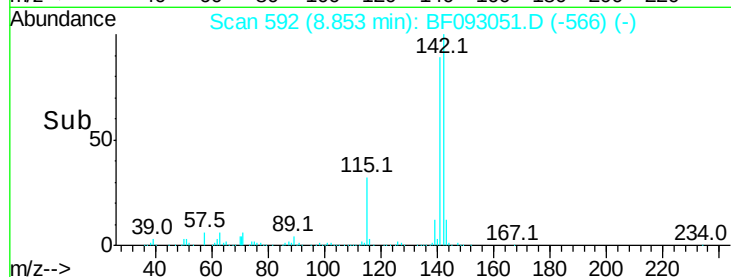
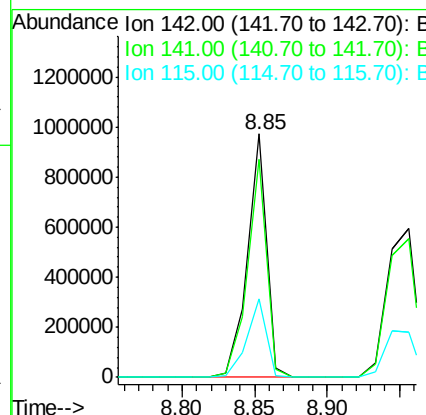
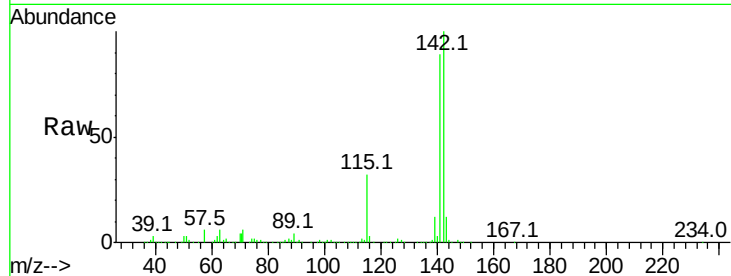
Instrument :
BNA_F

ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	32.3	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

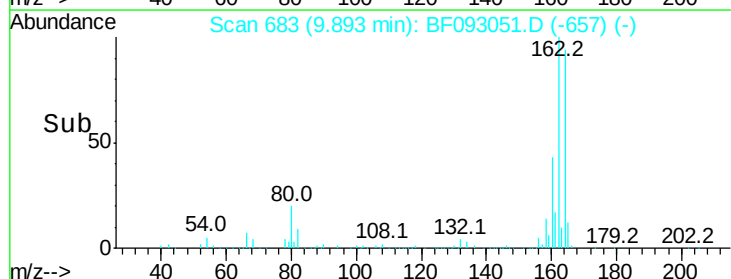
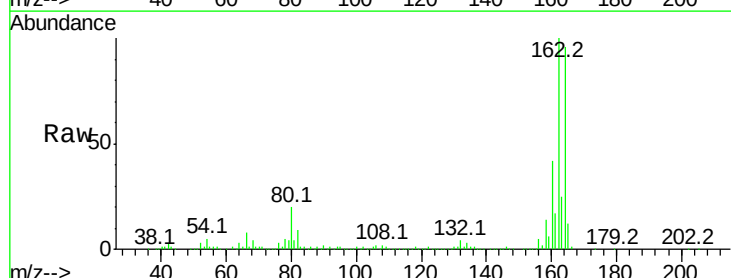
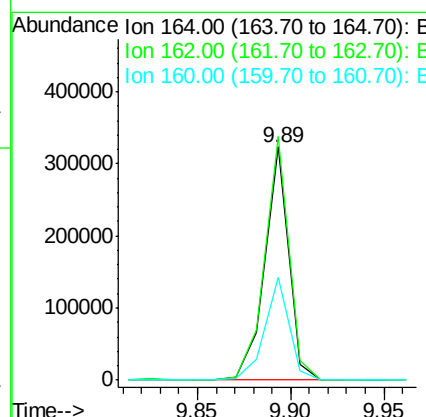
RT: 9.89 min Scan# 683

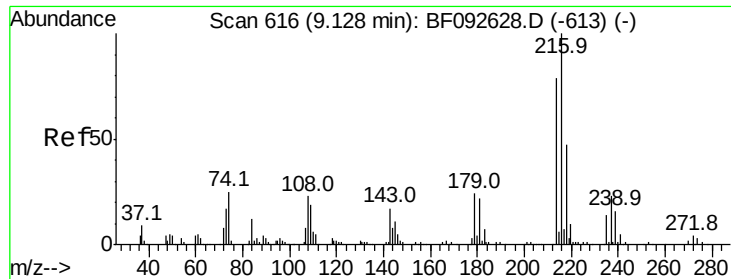
Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.2	120.2
160	44.4	36.9	55.3





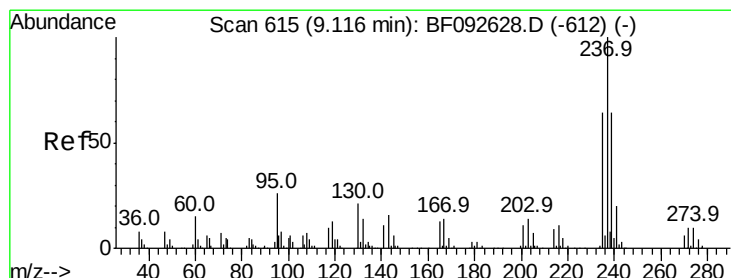
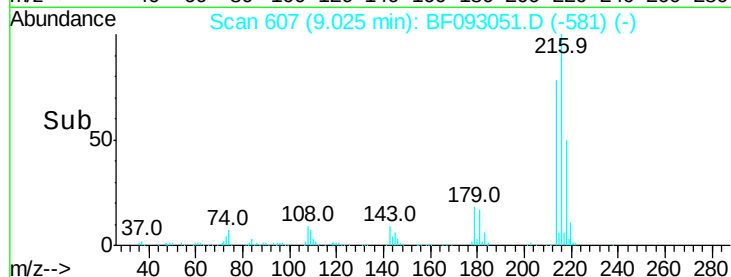
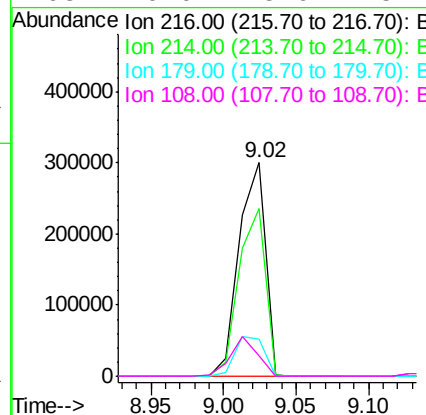
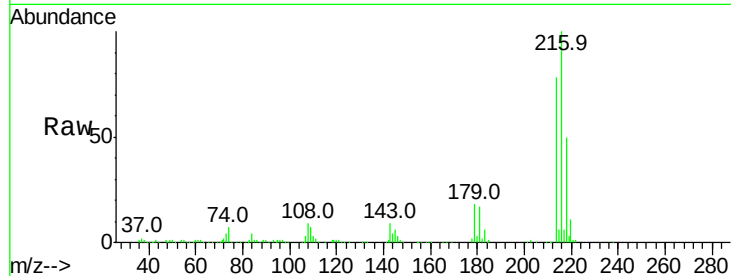
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.74 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion:	216	Resp:	380131
Ion Ratio		Lower	Upper
216	100		
214	78.9	63.4	95.0
179	20.7	17.4	26.2
108	19.0	15.6	23.4

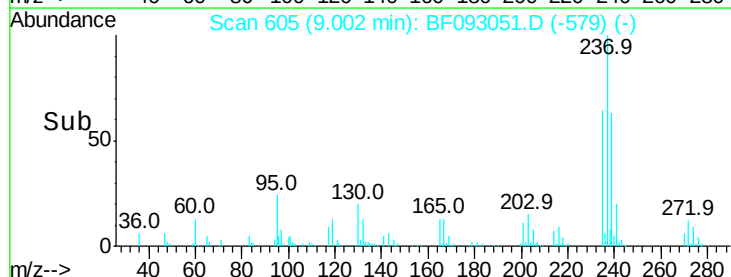
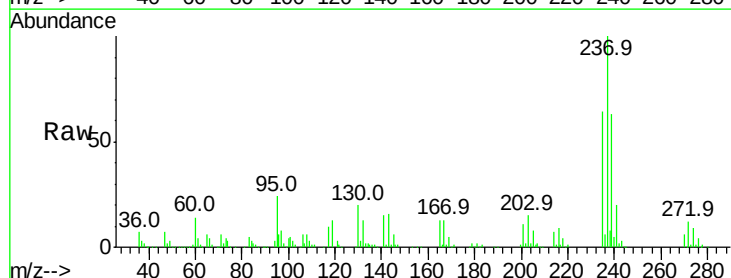
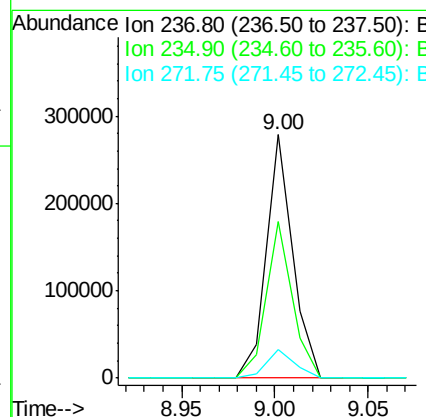
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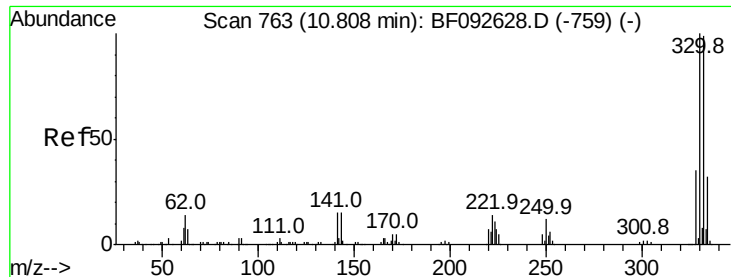
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#40
 Hexachlorocyclopentadiene
 Concen: 75.18 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion:	237	Resp:	270080
Ion Ratio		Lower	Upper
237	100		
235	64.3	41.2	81.2
272	11.6	0.0	35.4





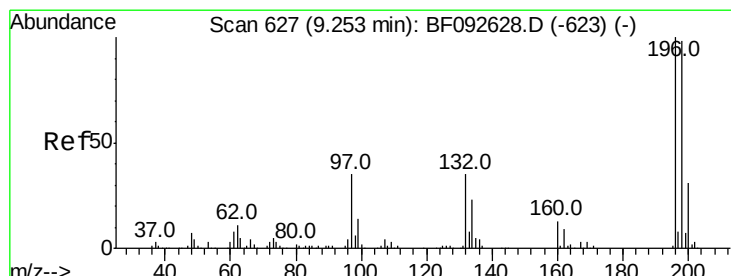
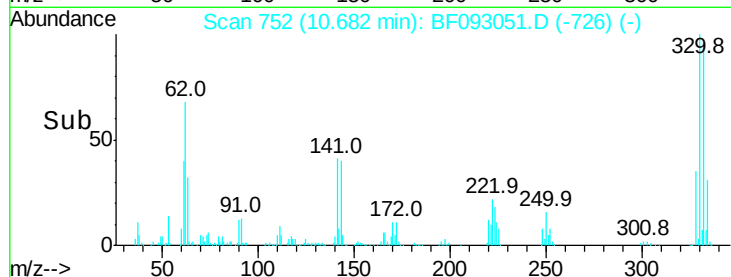
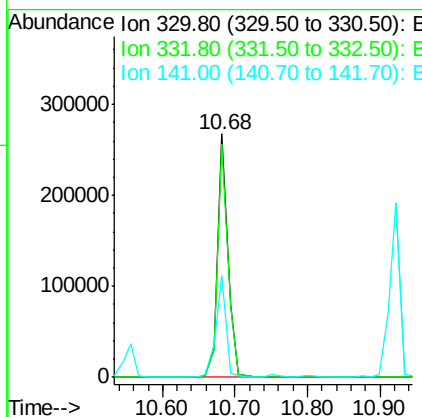
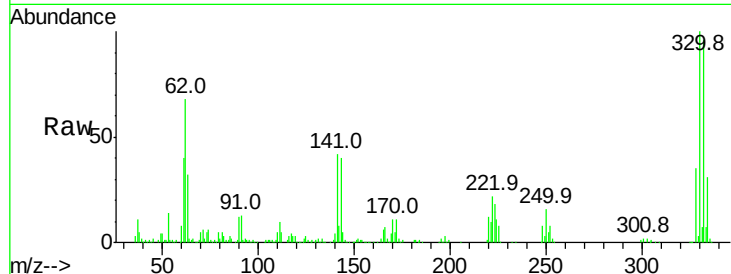
#41
 2,4,6-Tribromophenol
 Concen: 130.10 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	266914		
332	96.1		77.4	116.2
141	39.7		34.1	51.1

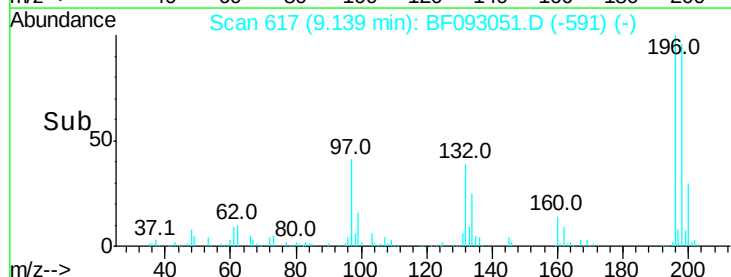
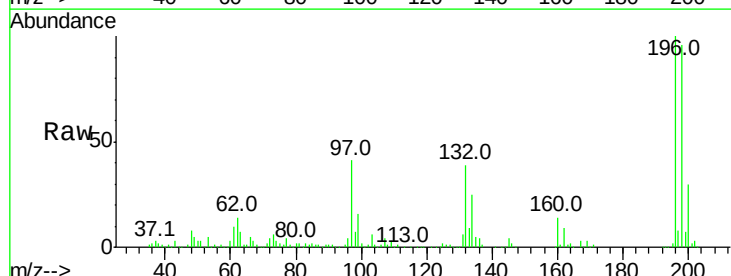
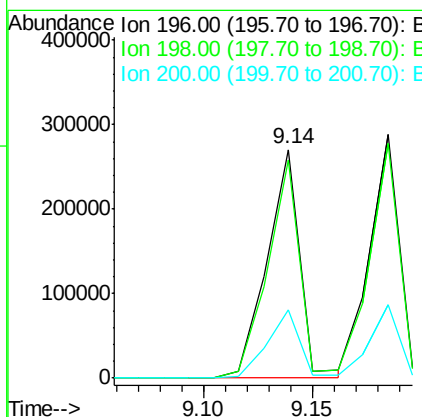
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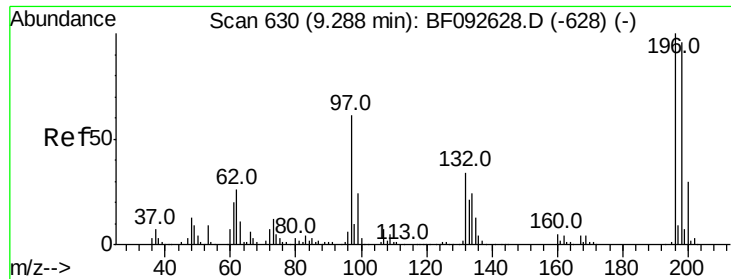
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#42
 2,4,6-Trichlorophenol
 Concen: 54.69 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286127		
198	95.6		82.1	123.1
200	30.1		27.0	40.4





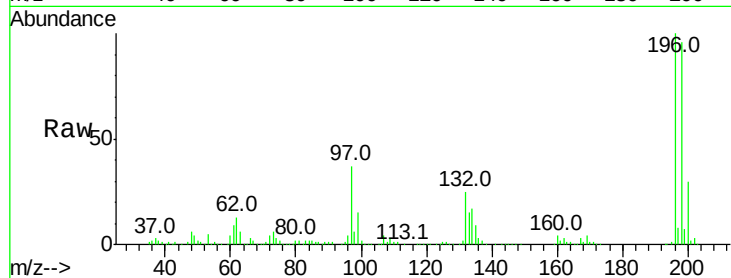
#43
 2,4,5-Trichlorophenol
 Concen: 47.98 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	275068		
198	96.2	79.4	119.2	
97	37.3	51.5	77.3	
132	25.0	27.4	41.2	

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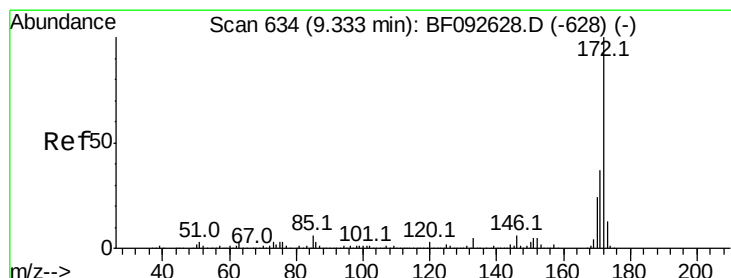
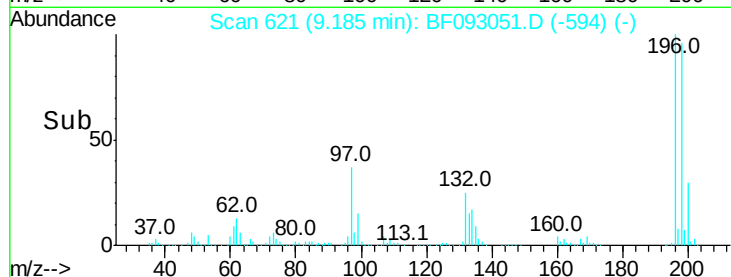
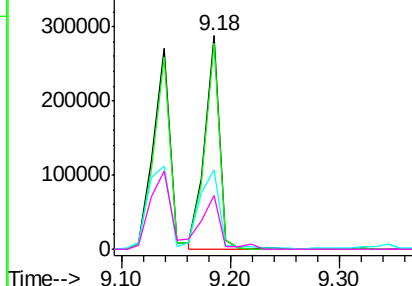
Abundance

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: 105.87 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

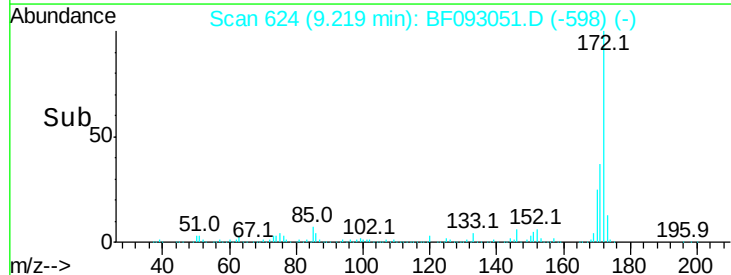
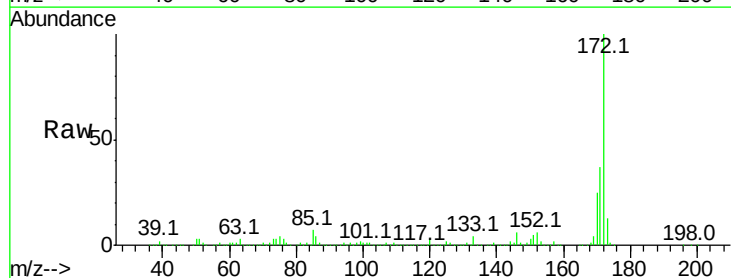
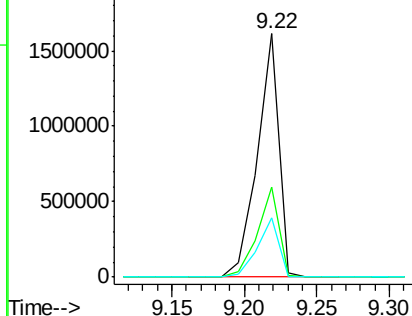
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1657600		
171	37.1	29.4	44.0	
170	24.6	20.2	30.4	

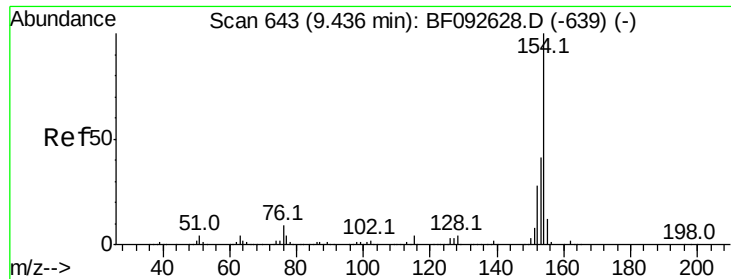
Abundance

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: 50.66 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:154 Resp: 1040479

Ion Ratio Lower Upper

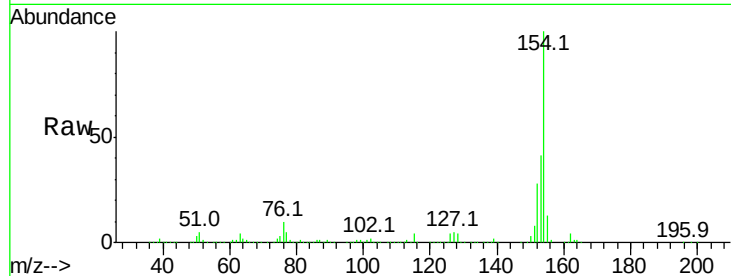
154 100

153 40.5 20.9 60.9

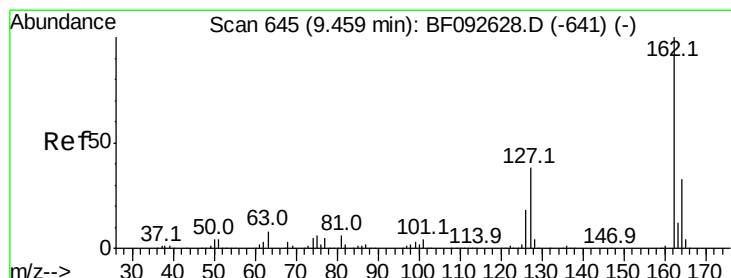
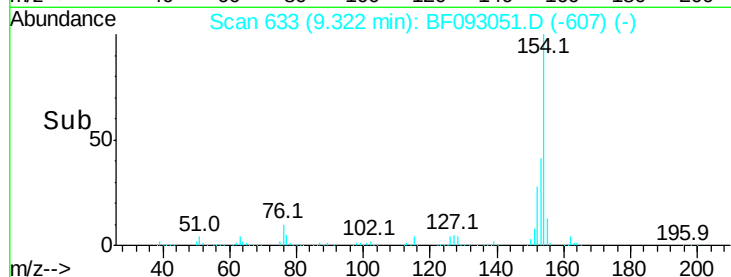
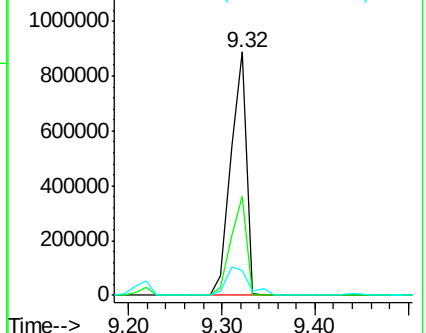
76 9.9 0.0 30.5

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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: 53.61 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

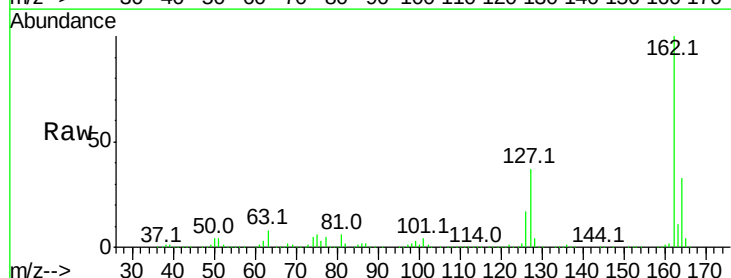
Tgt Ion:162 Resp: 861388

Ion Ratio Lower Upper

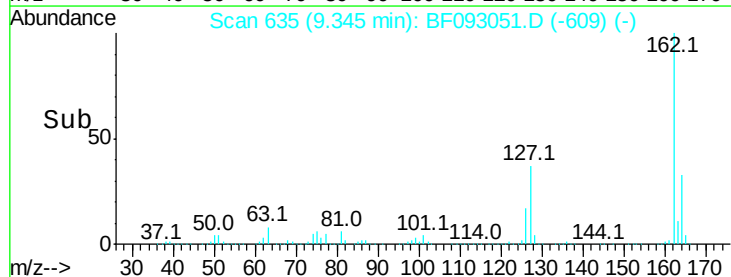
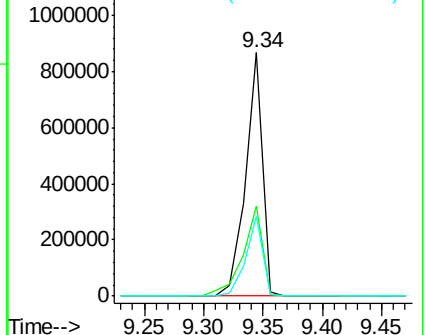
162 100

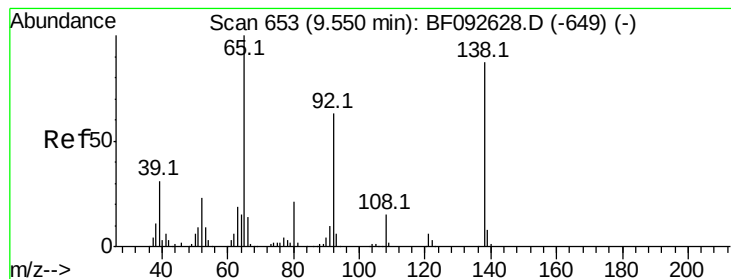
127 36.8 30.7 46.1

164 32.6 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: 50.19 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tot Ion: 65 Resp: 271128

Ion Ratio Lower Upper

65 100

92 77.7 53.9 80.9

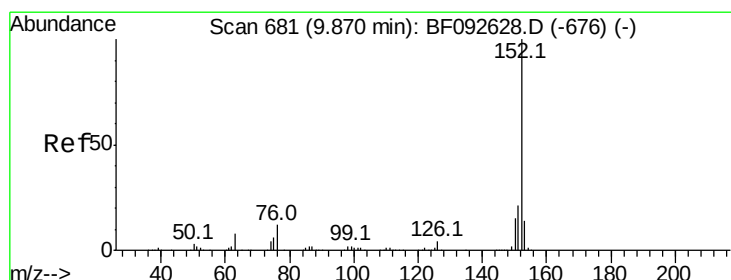
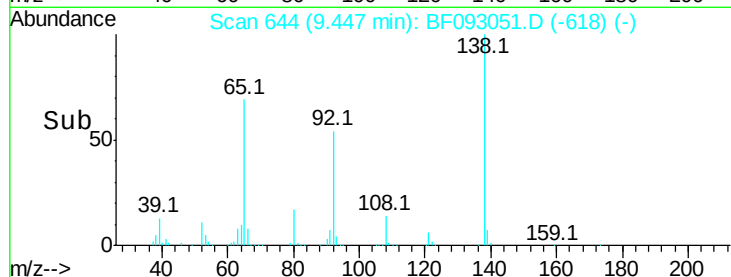
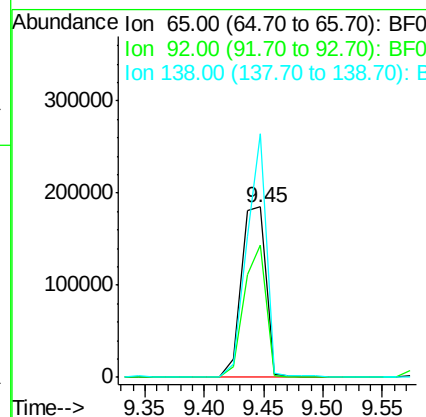
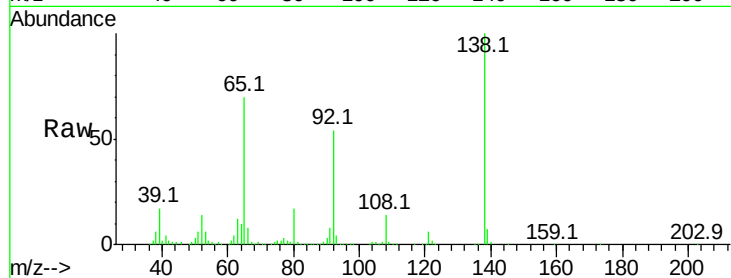
138 142.7 76.8 115.2#

Manual Integrations

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#48

Acenaphthylene

Concen: 45.42 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

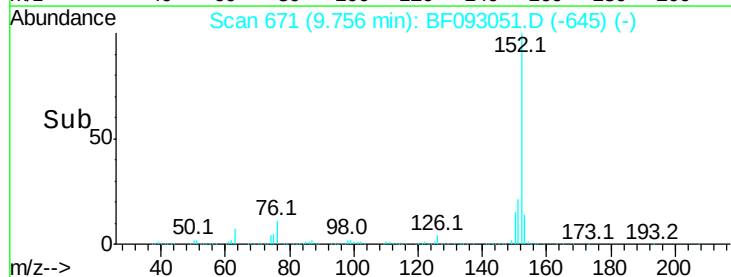
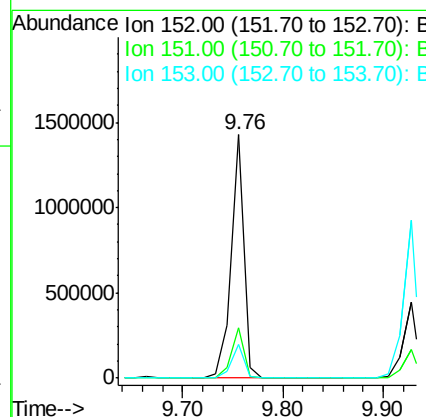
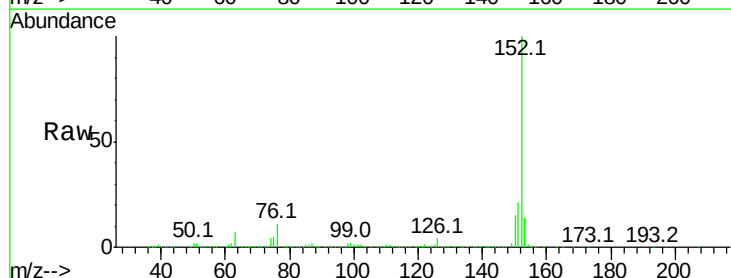
Tgt Ion: 152 Resp: 1260714

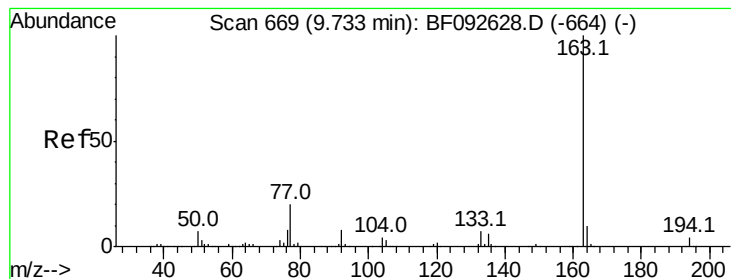
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 72.82 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:163 Resp: 1391413

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

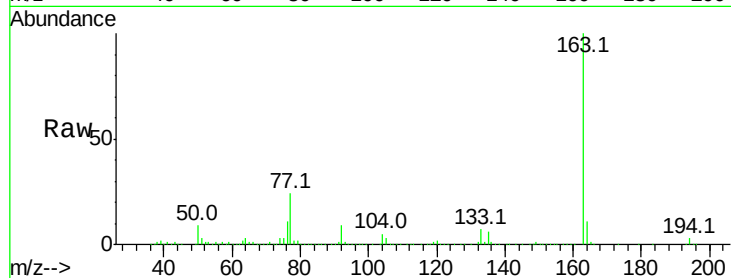
164 10.6 8.0 12.0

Manual Integrations

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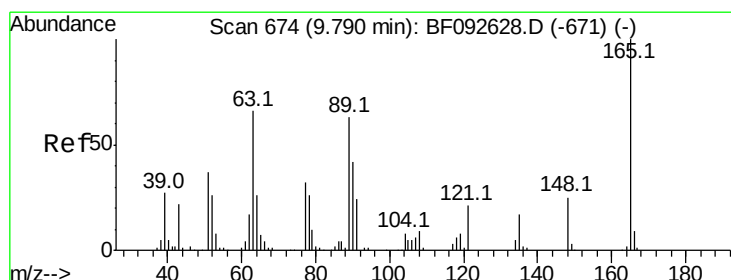
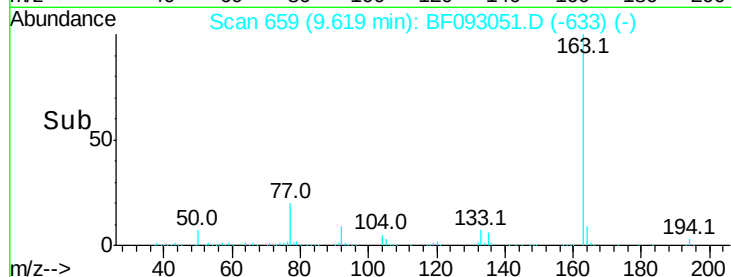
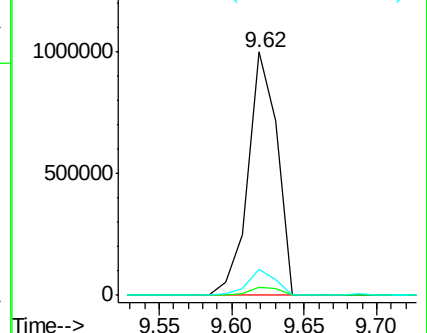
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 55.20 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

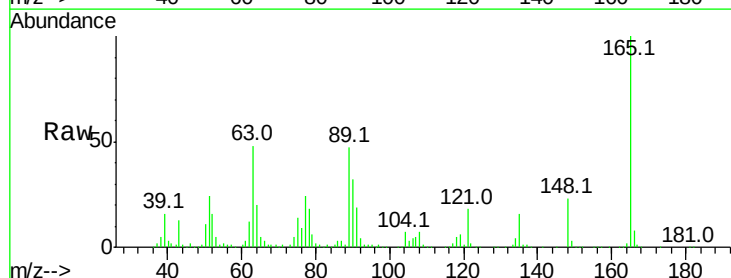
Tgt Ion:165 Resp: 227783

Ion Ratio Lower Upper

165 100

63 47.8 36.2 54.4

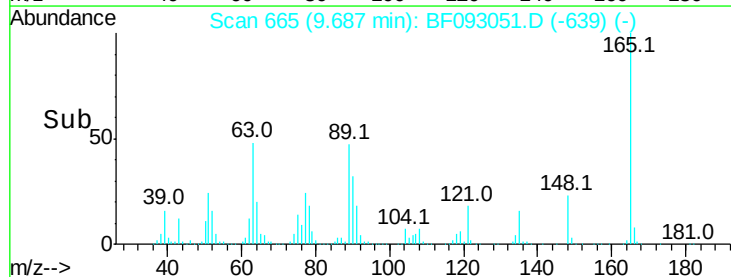
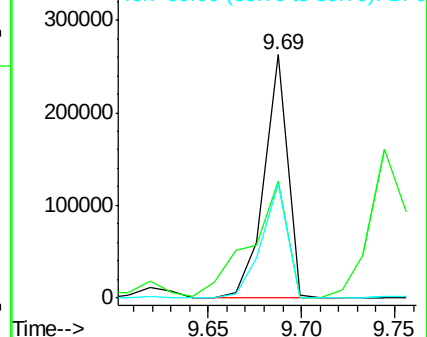
89 47.1 40.2 60.4

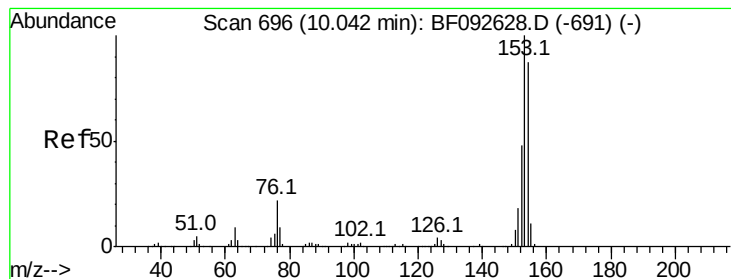


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.47 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

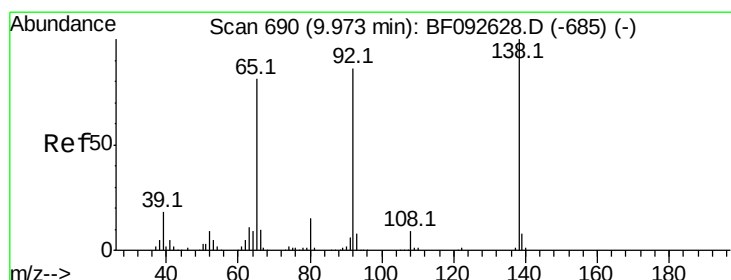
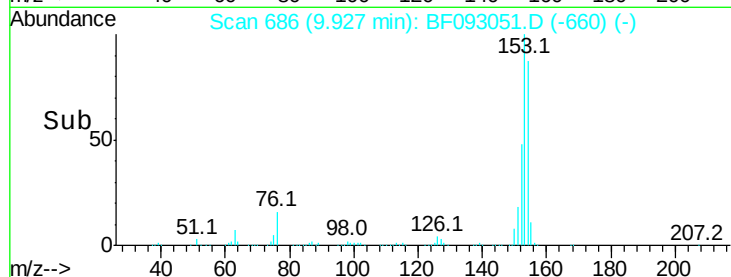
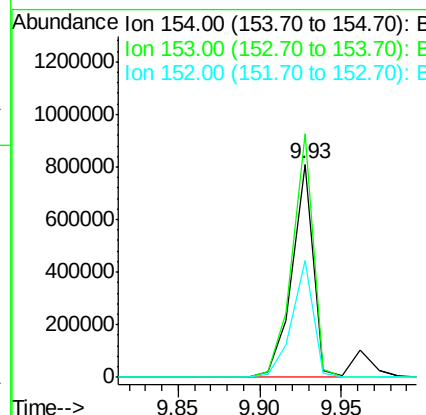
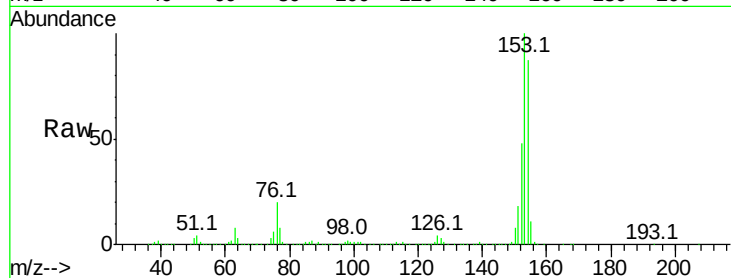
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:	154	Resp:	738028
Ion Ratio	Lower	Upper	
154	100		
153	114.3	88.6	133.0
152	55.0	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 26.23 ng

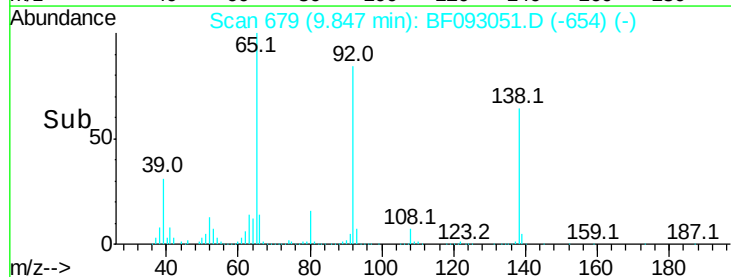
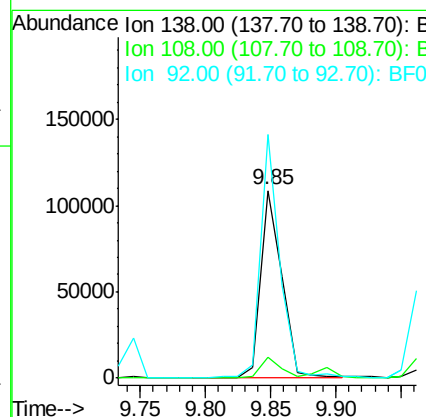
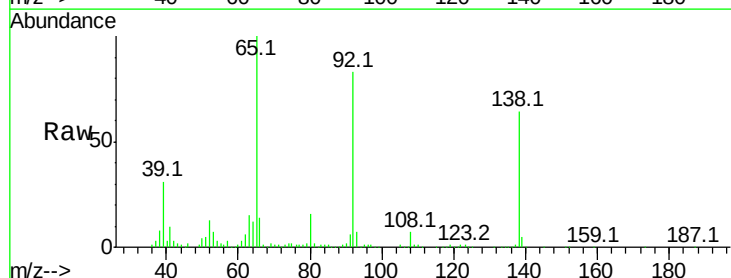
RT: 9.85 min Scan# 679

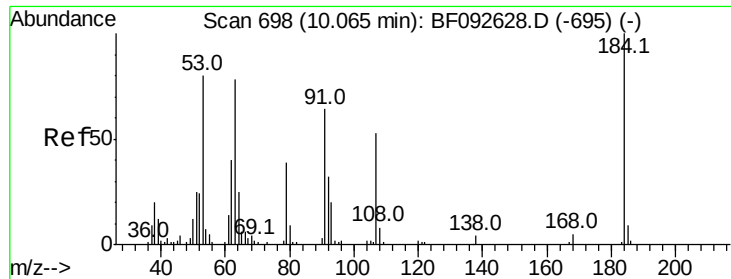
Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	138	Resp:	123883
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	129.9	97.8	146.8





#53

2,4-Dinitrophenol

Concen: 77.85 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

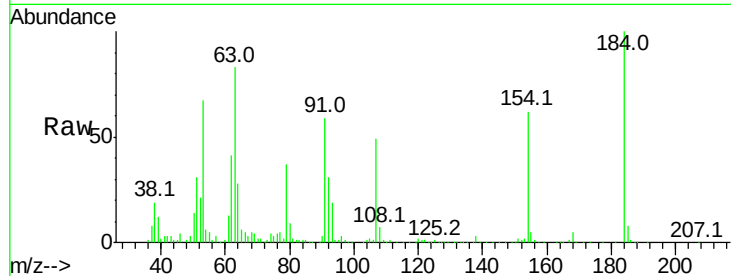
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	82.5	28.4	42.6#
154	61.7	44.3	66.5

Manual Integrations
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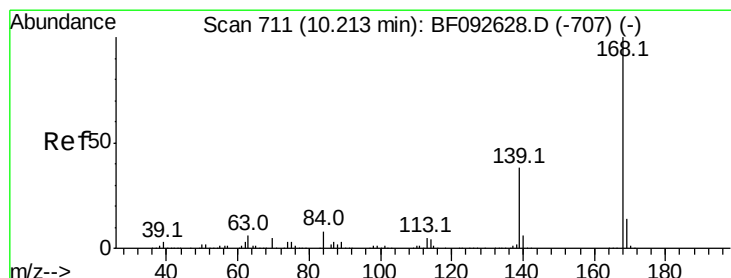
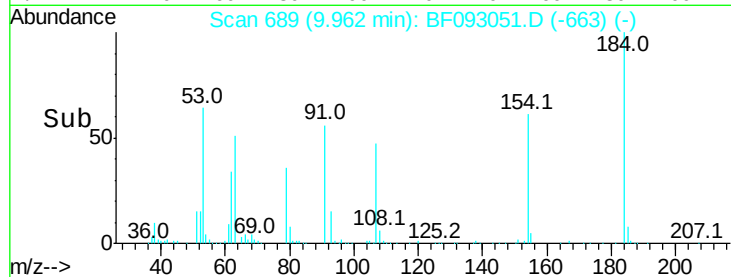
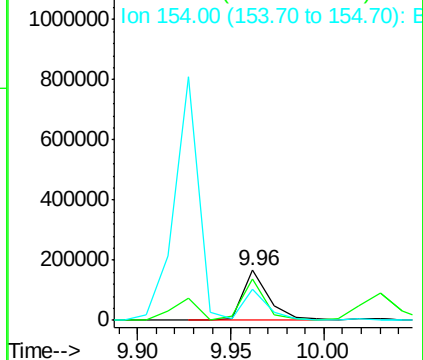
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.07 ng

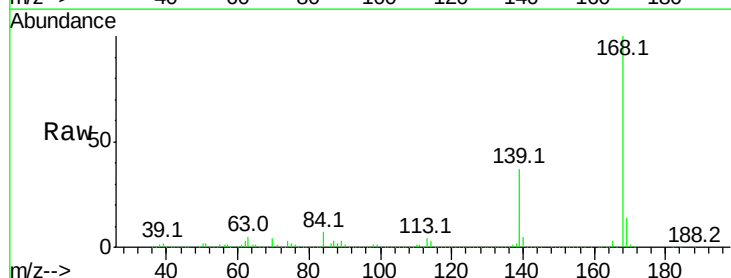
RT: 10.10 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

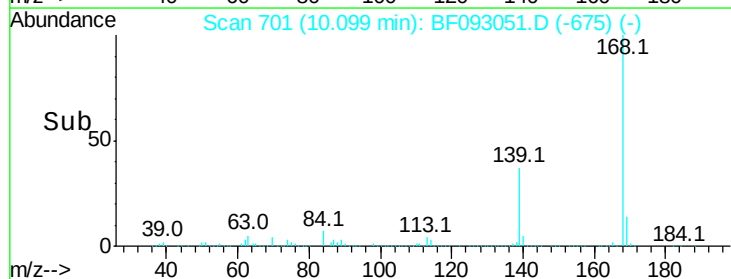
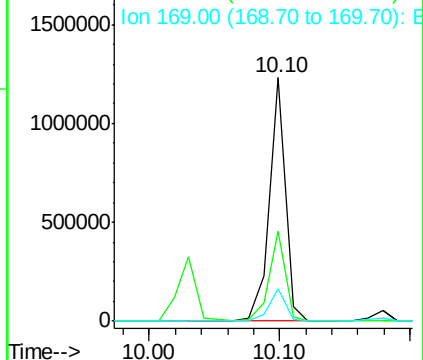
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	32.6	49.0
169	13.5	11.3	16.9

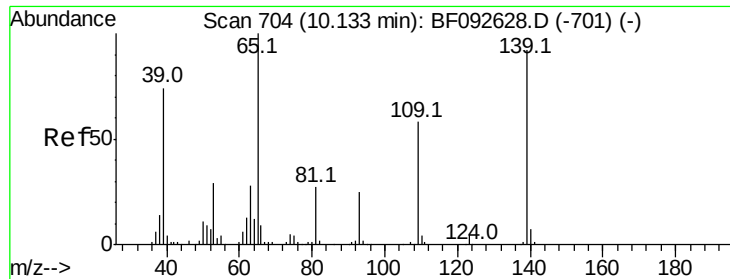


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 94.47 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

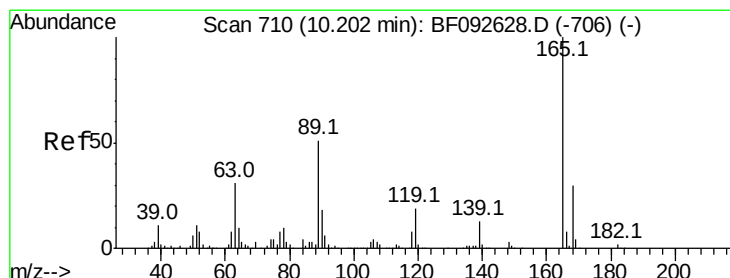
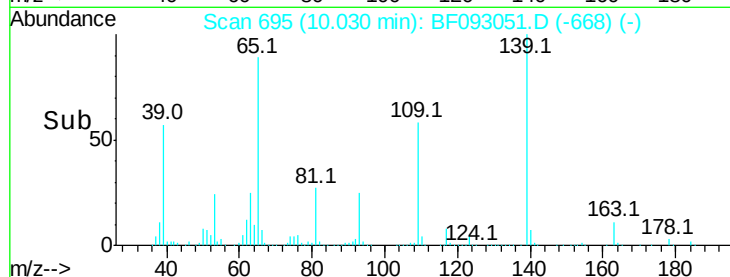
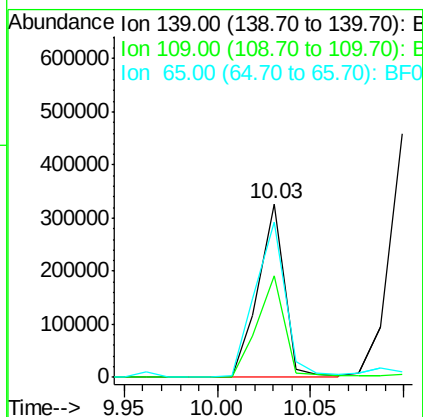
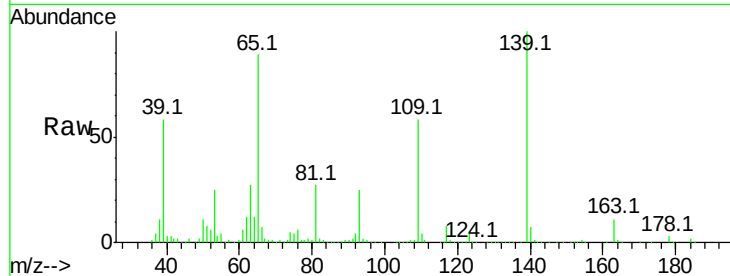
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:	139	Resp:	321304
Ion Ratio	Lower	Upper	
139	100		
109	58.3	52.2	92.2
65	89.2	85.8	125.8

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 46.56 ng

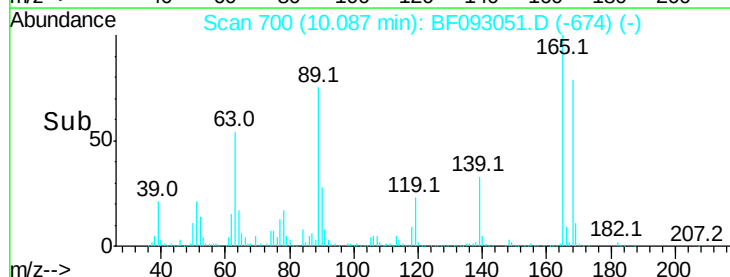
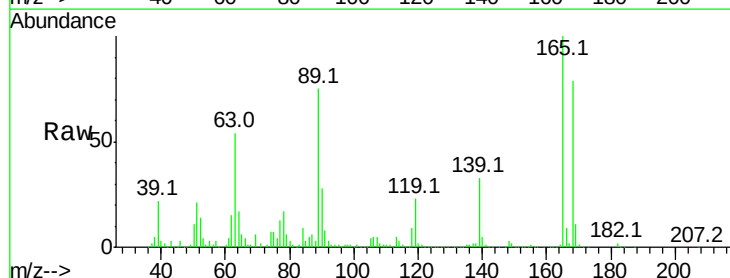
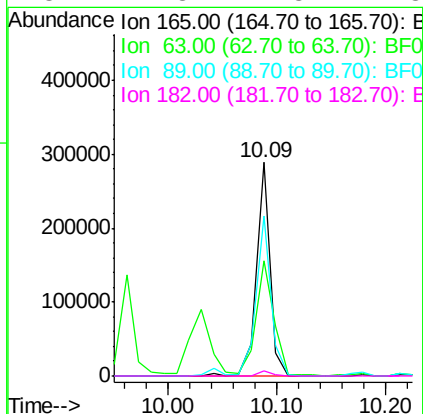
RT: 10.09 min Scan# 700

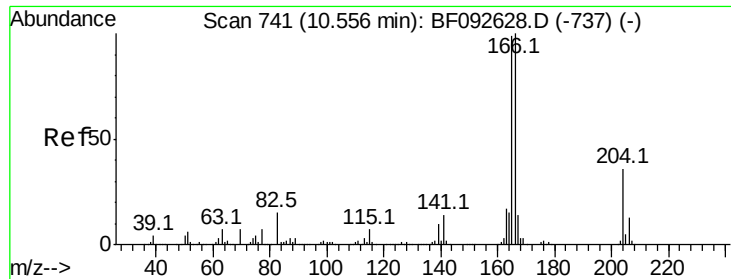
Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	165	Resp:	255759
Ion Ratio	Lower	Upper	
165	100		
63	53.9	40.2	60.4
89	74.7	62.5	93.7
182	2.3	1.8	2.8





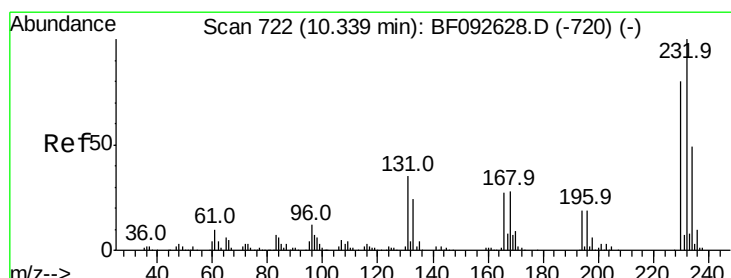
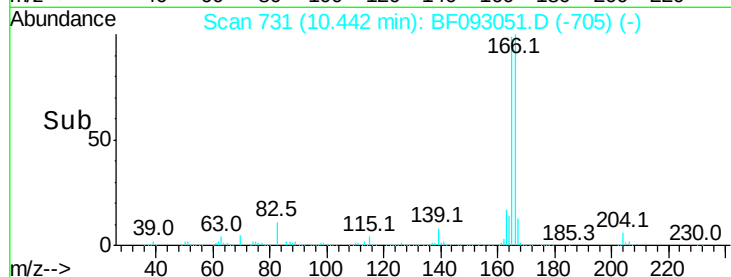
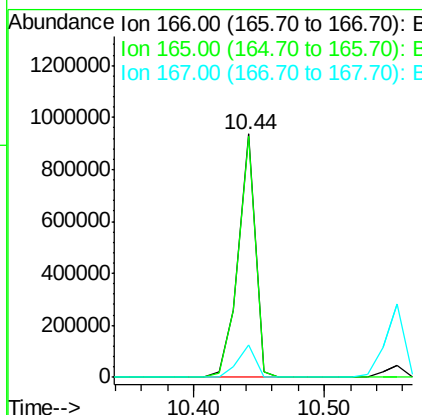
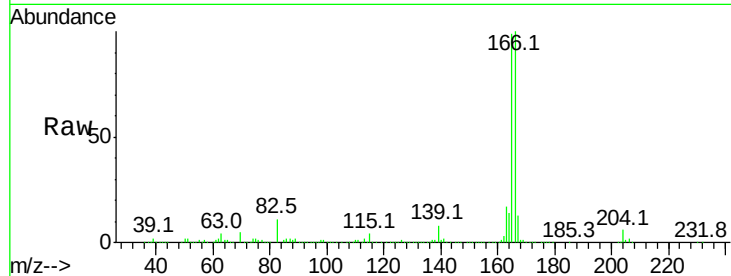
#57
Fluorene
Concen: 49.79 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	850290		
165	98.8		77.8	116.8
167	13.3		10.8	16.2

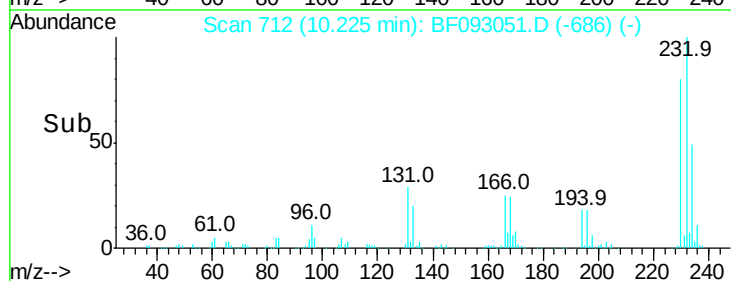
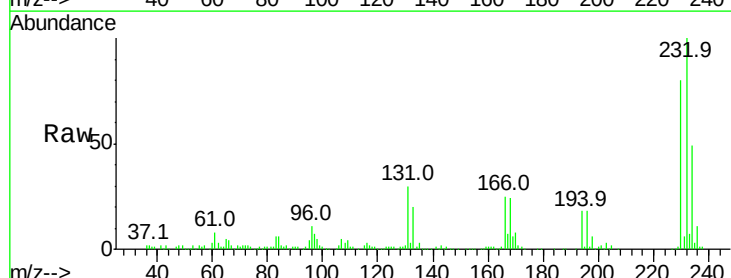
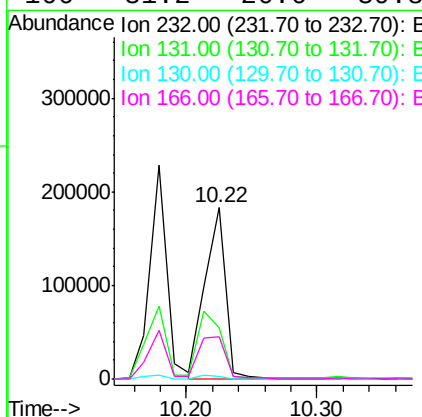
Manual Integrations
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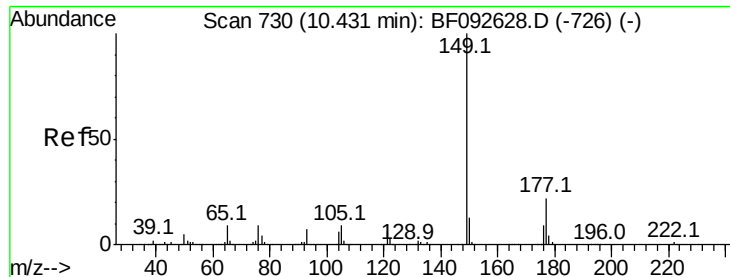
mohammad
2/21/2017 3:57:44 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 53.10 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	203068		
131	45.7		40.1	60.1
130	2.1		1.8	2.8
166	31.2		26.6	39.8





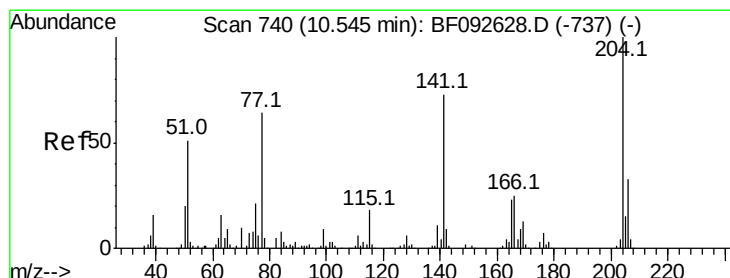
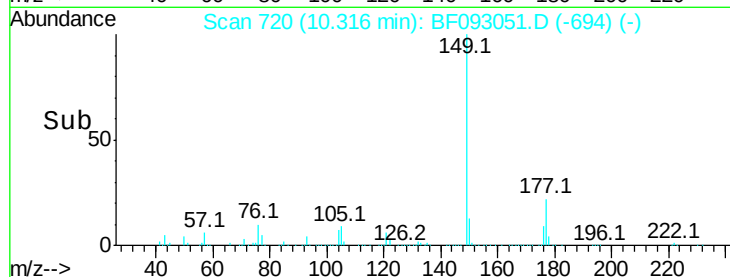
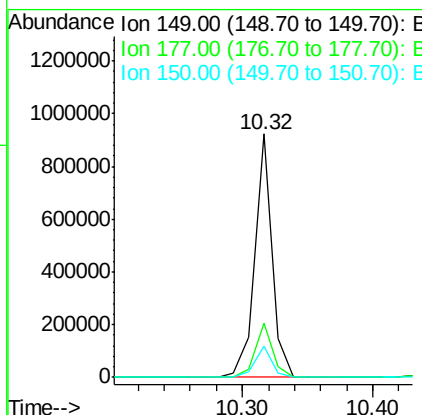
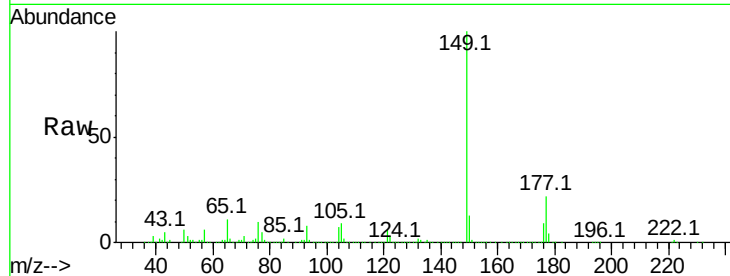
#59
Diethylphthalate
Concen: 47.35 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.6	25.0
150	12.9	10.4	15.6

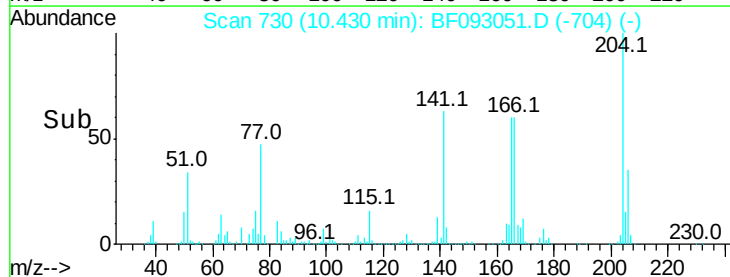
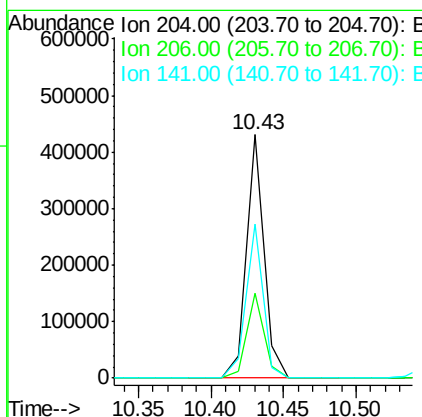
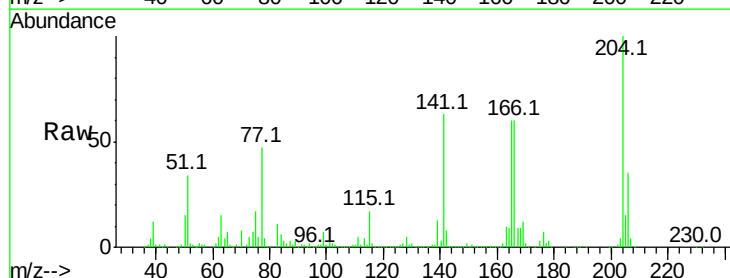
Manual Integrations
APPROVED

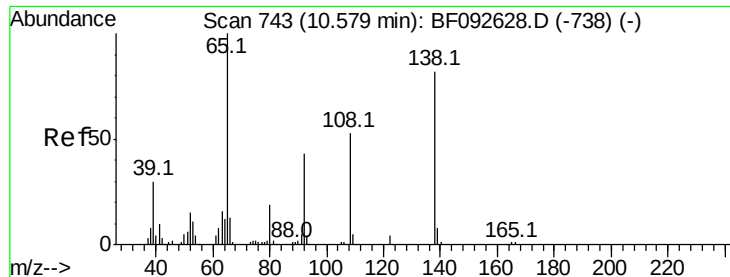
mohammad
2/21/2017 3:57:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.20 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	25.8	38.6
141	63.1	59.4	89.0





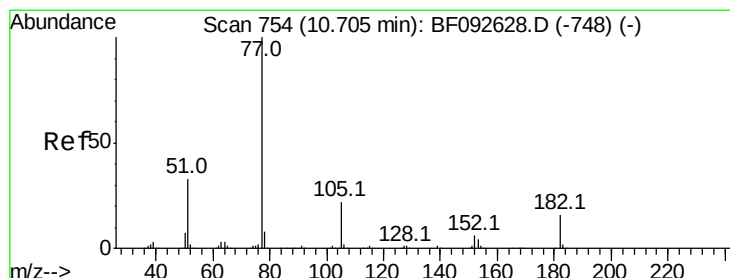
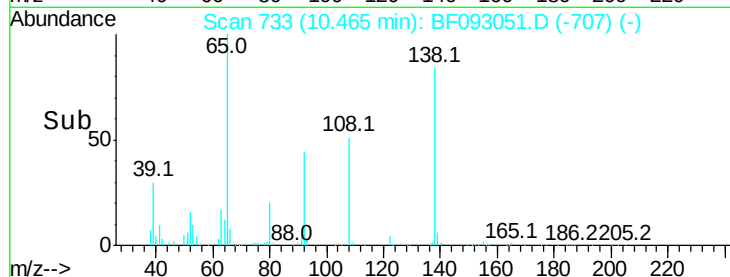
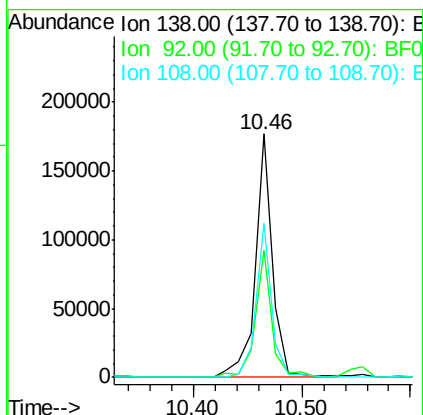
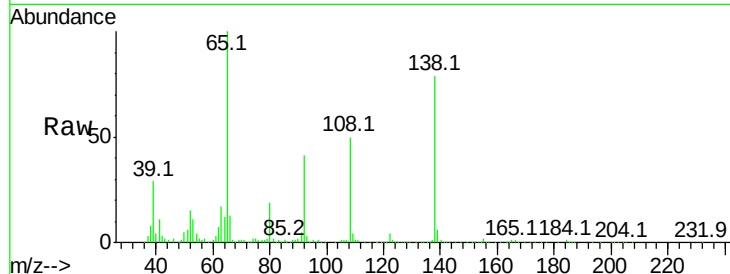
#61
4-Nitroaniline
Concen: 40.31 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.7	71.7
108	63.1	52.6	92.6

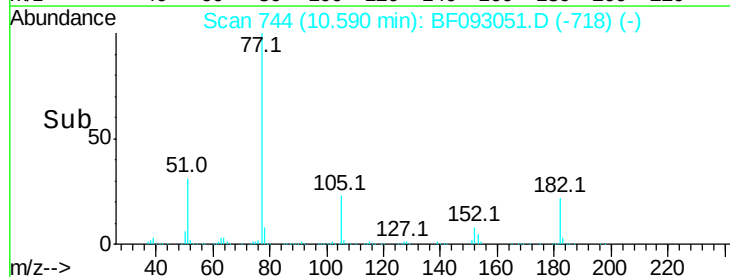
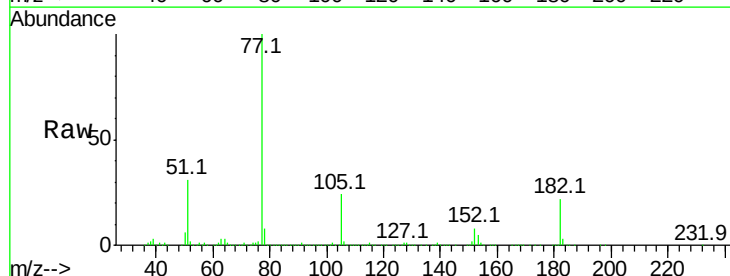
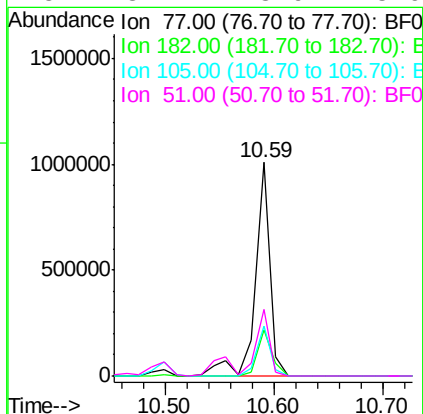
Manual Integrations
APPROVED

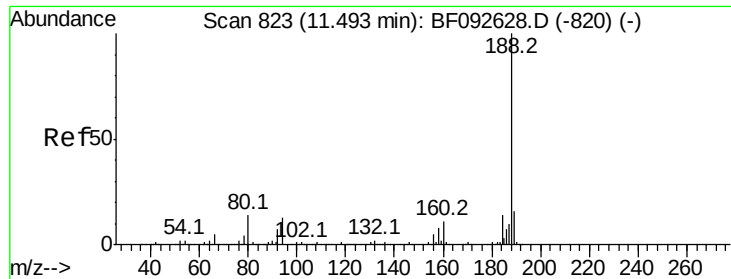
mohammad
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#62
Azobenzene
Concen: 51.66 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	0.0	39.3
105	23.6	2.3	42.3
51	31.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:188 Resp: 476643

Ion Ratio Lower Upper

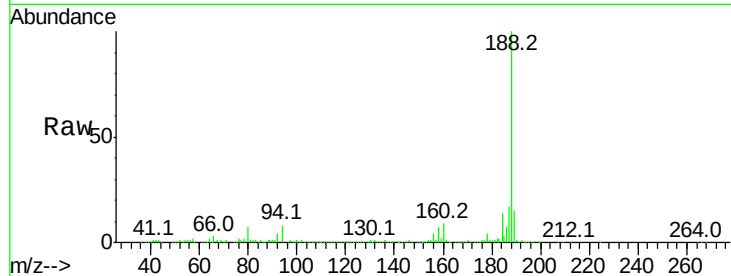
188 100

94 7.7 10.0 15.0#

80 7.5 11.2 16.8#

Manual Integrations
APPROVED

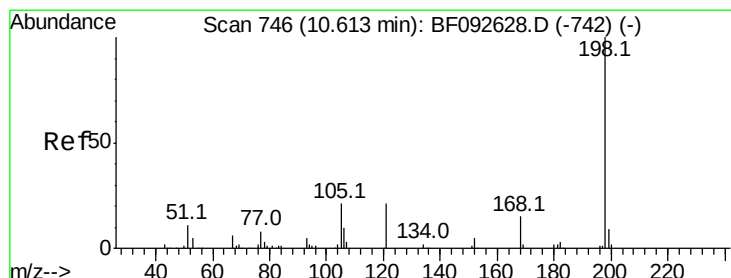
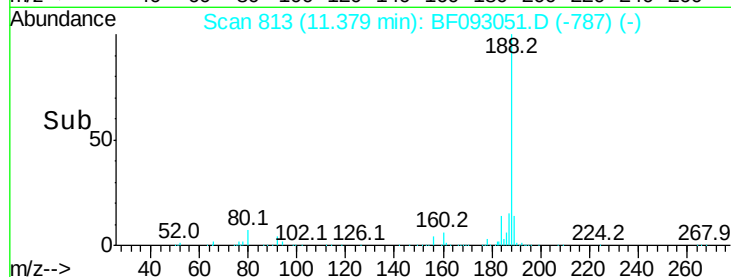
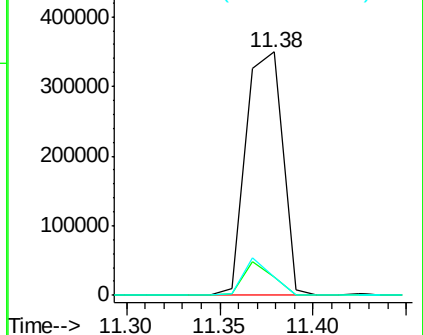
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 53.62 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

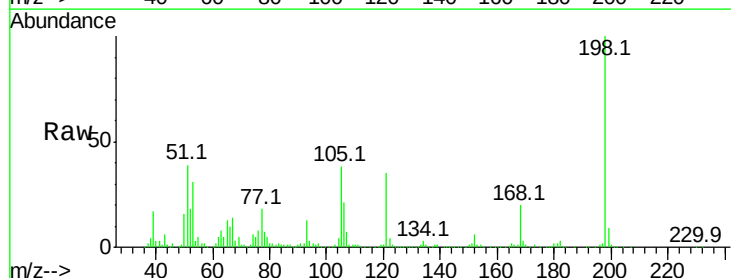
Tgt Ion:198 Resp: 156539

Ion Ratio Lower Upper

198 100

51 39.2 6.7 46.7

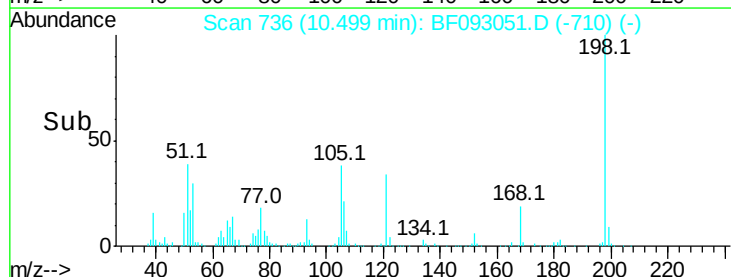
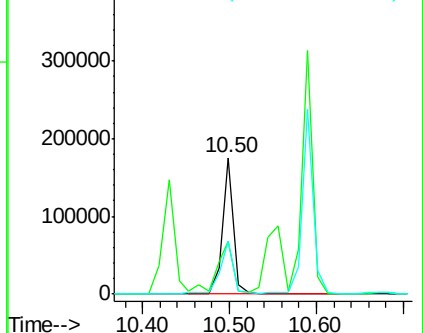
105 38.4 16.6 56.6

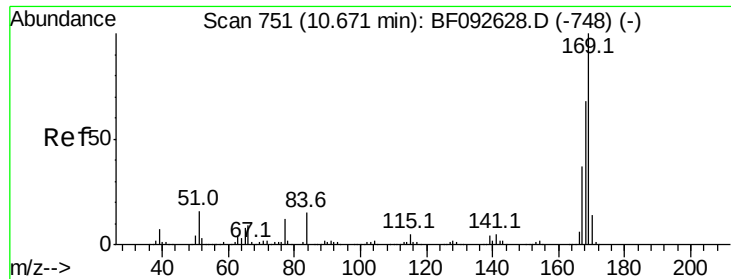


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.44 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

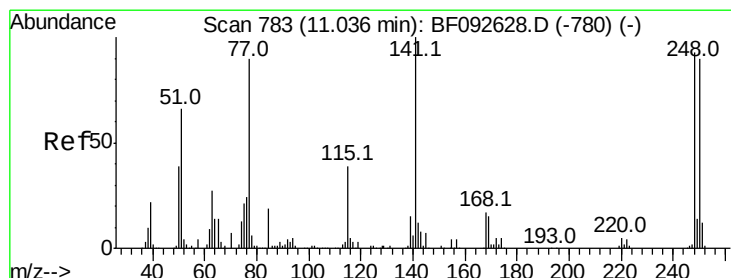
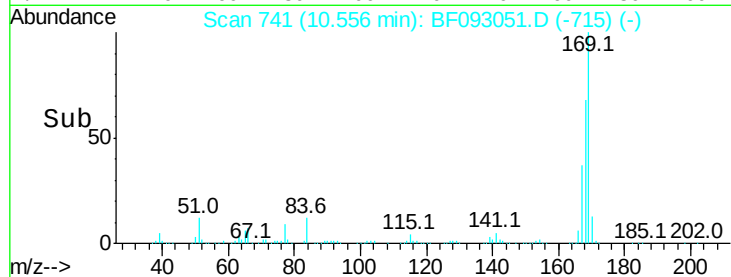
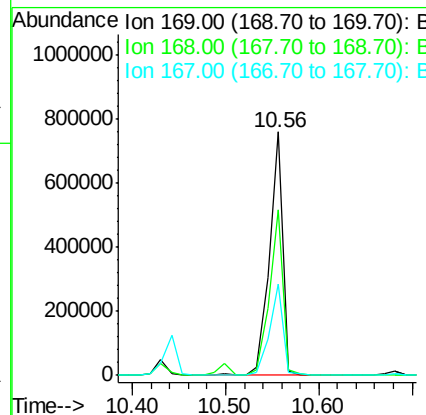
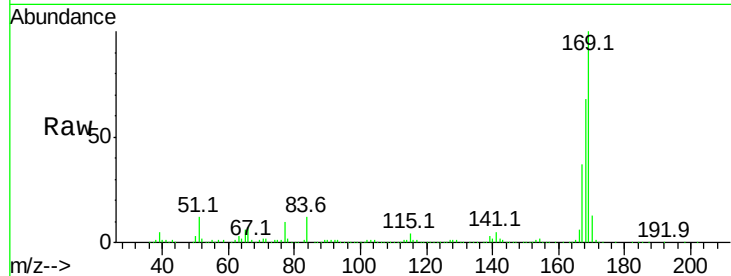
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:	169	Resp:	768056
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.2	81.2
167	37.2	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 46.53 ng

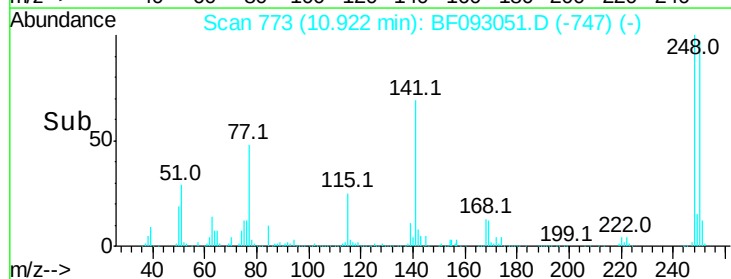
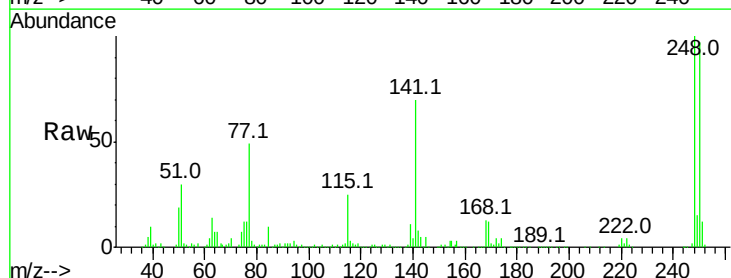
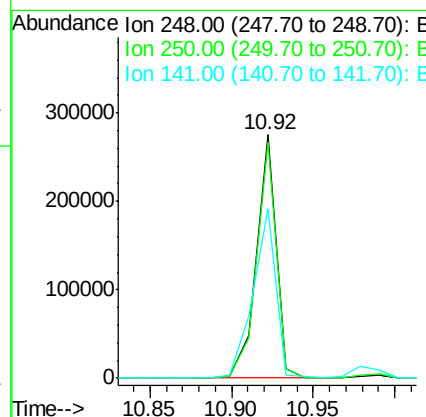
RT: 10.92 min Scan# 773

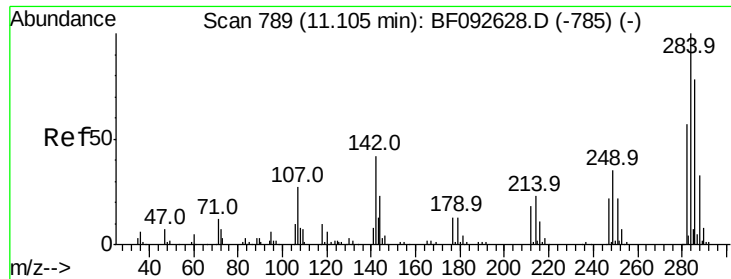
Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:	248	Resp:	231692
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.9	115.3
141	69.8	68.2	102.4





#67

Hexachlorobenzene

Concen: 45.75 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

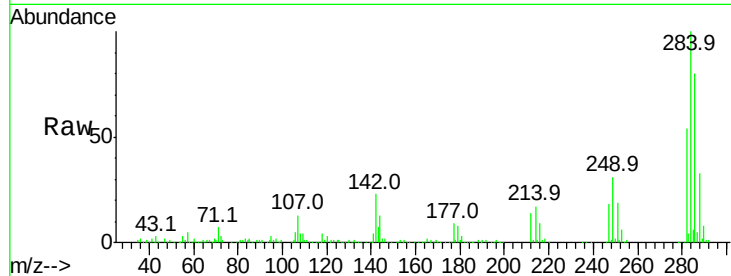
ClientSampleId :

SP-ABCD-COMPMS

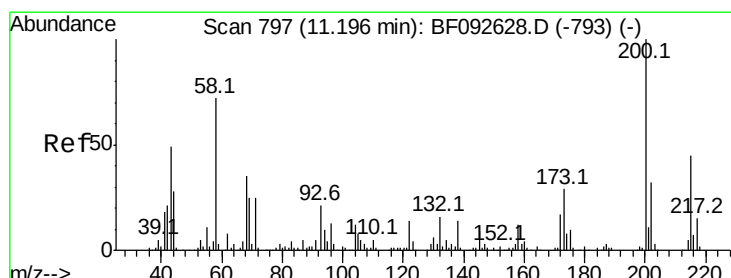
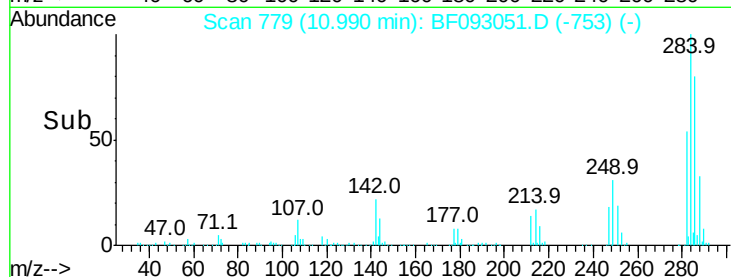
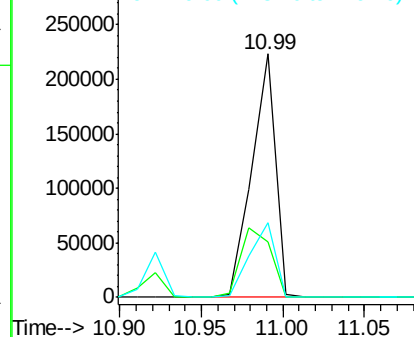
Tot Ion:	284	Resp:	225127
Ion Ratio		Lower	Upper
284	100		
142	22.7	22.6	33.8
249	30.9	25.4	38.0

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



#68

Atrazine

Concen: 46.73 ng

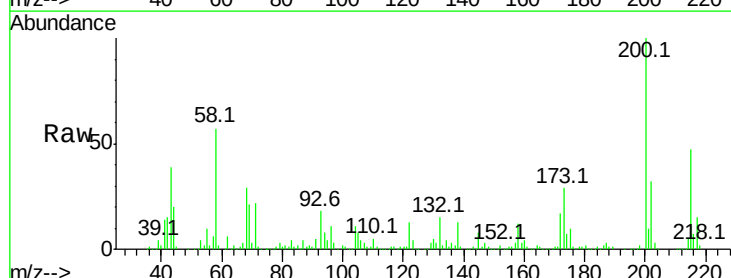
RT: 11.08 min Scan# 787

Delta R.T. -0.00 min

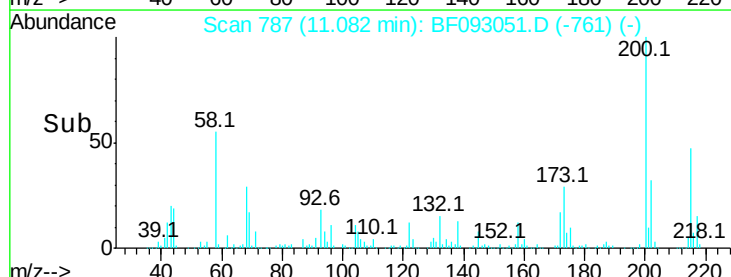
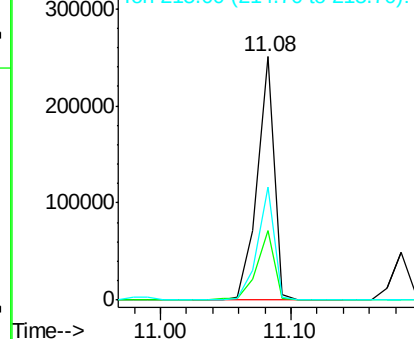
Lab File: BF093051.D

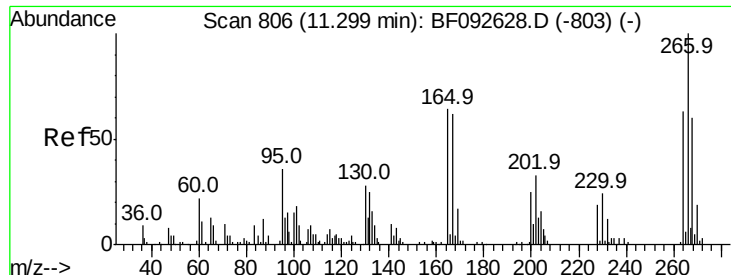
Acq: 21 Feb 2017 1:44

Tgt Ion:	200	Resp:	228346
Ion Ratio		Lower	Upper
200	100		
173	28.6	9.6	49.6
215	46.6	25.7	65.7



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





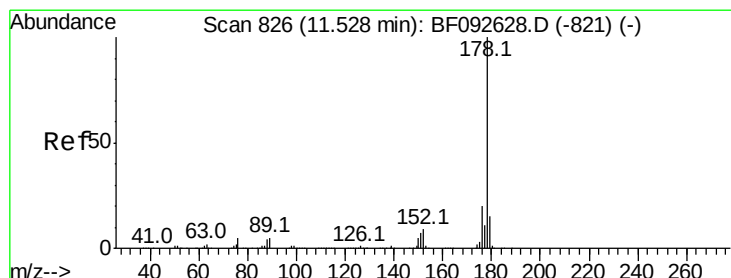
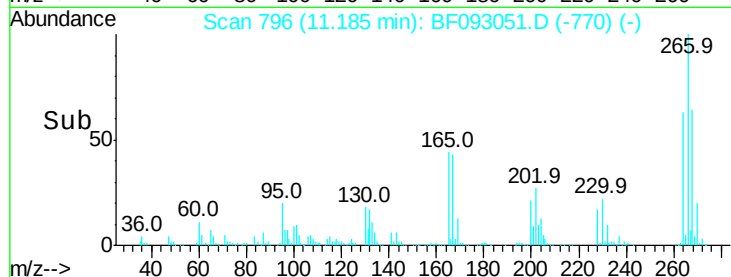
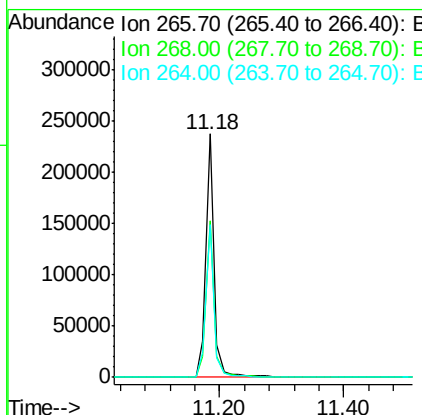
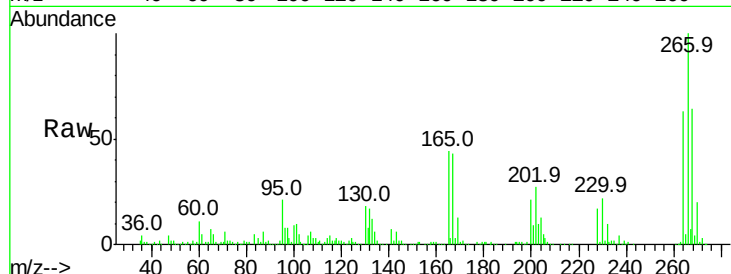
#69
 Pentachlorophenol
 Concen: 87.97 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	225483		
268	64.1	53.3	79.9	
264	62.7	50.3	75.5	

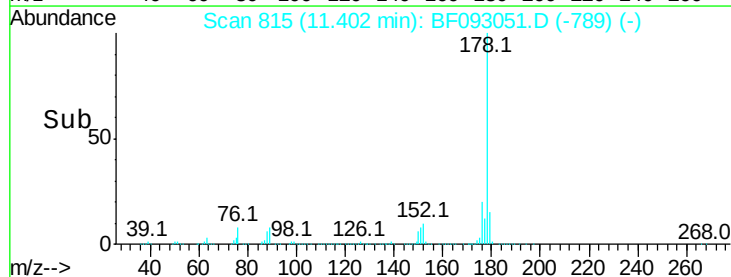
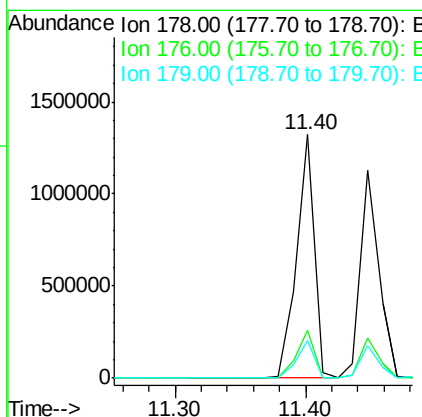
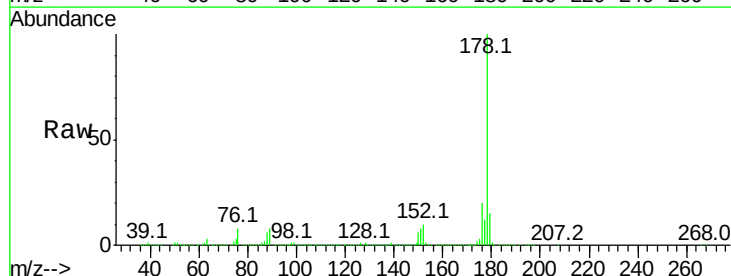
Manual Integrations
 APPROVED

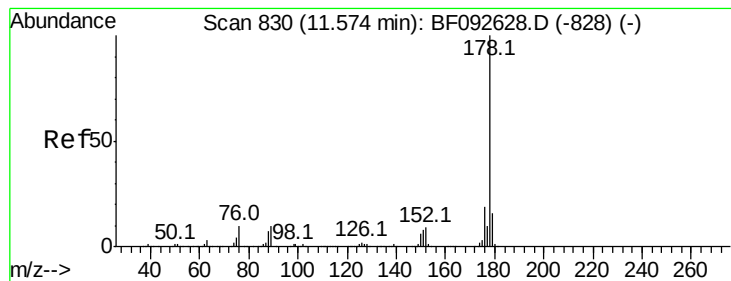
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#70
 Phenanthrene
 Concen: 46.10 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1258923		
176	19.8	16.6	25.0	
179	15.5	12.8	19.2	





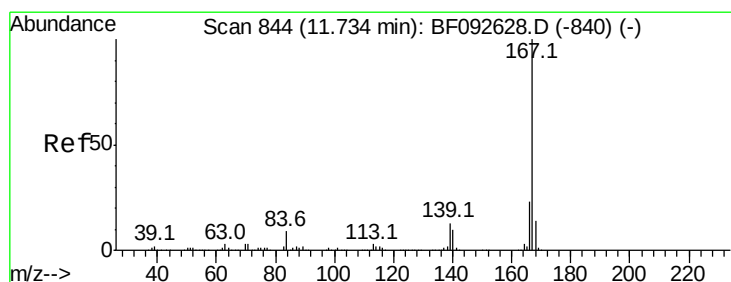
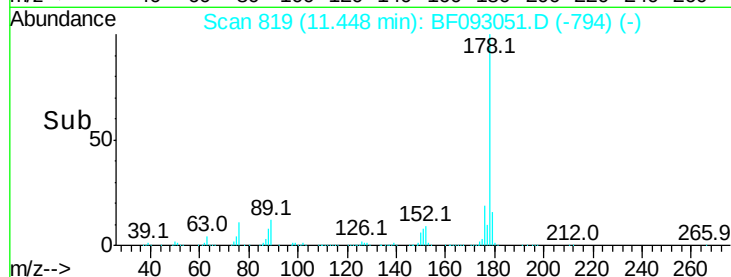
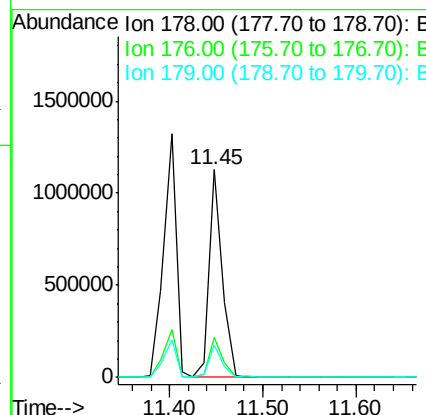
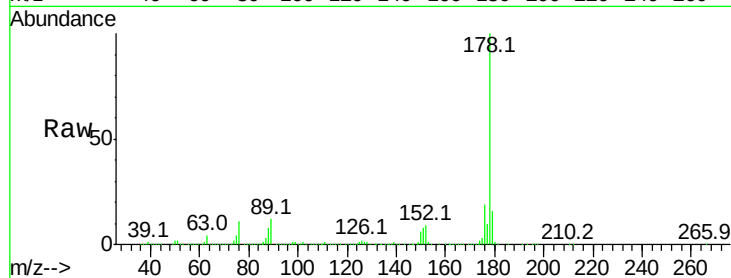
#71
 Anthracene
 Concen: 40.61 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion:178 Resp: 1113682
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.6 13.2 19.8

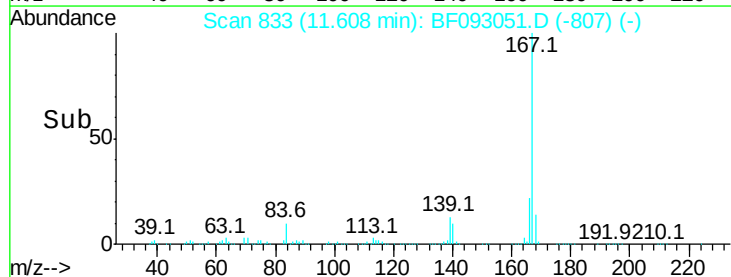
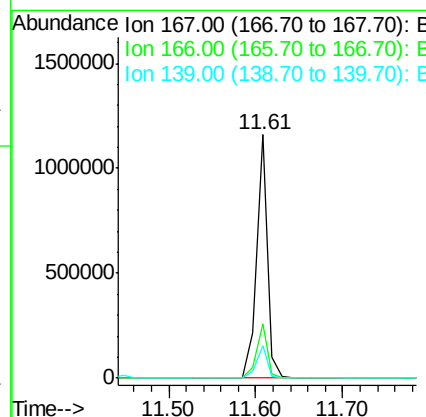
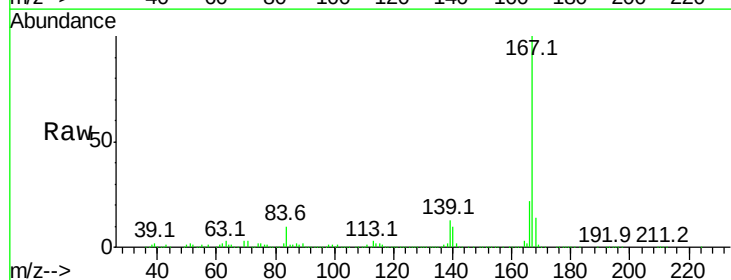
Manual Integrations
 APPROVED

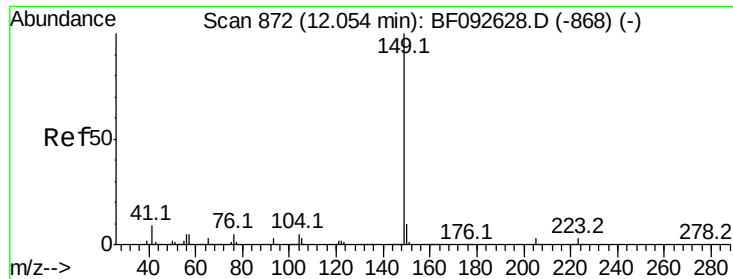
mohammad
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#72
 Carbazole
 Concen: 39.02 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion:167 Resp: 1023000
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 13.1 11.4 17.2





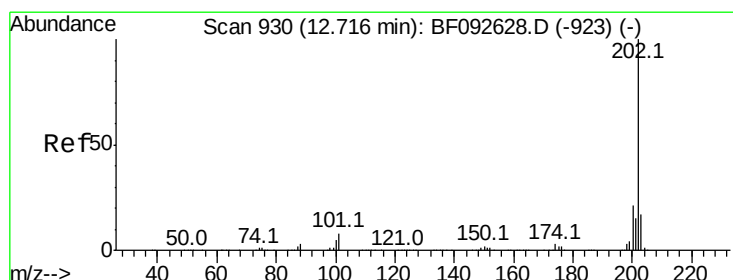
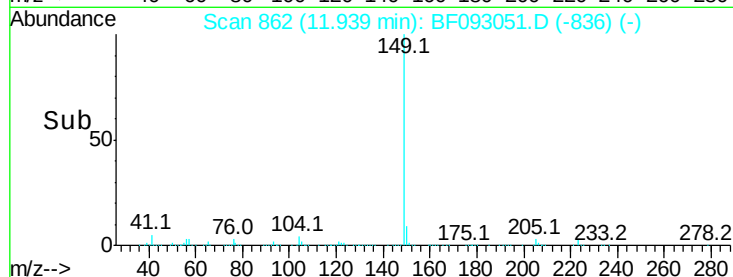
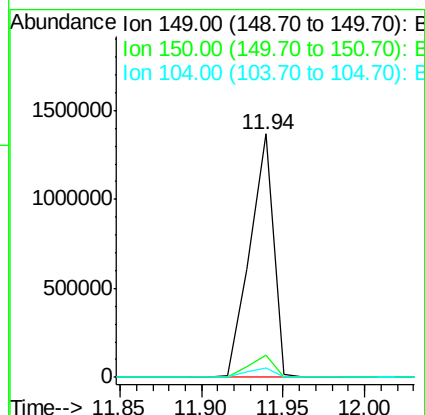
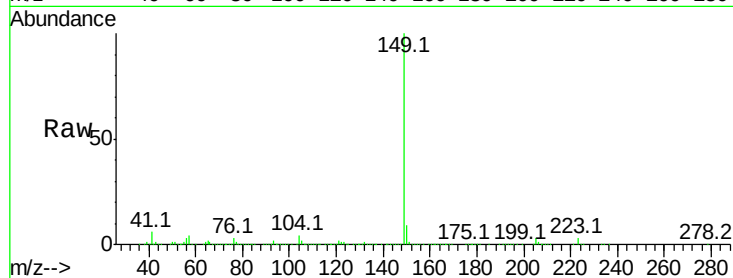
#73
Di-n-butylphthalate
Concen: 48.42 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.8	4.6	7.0

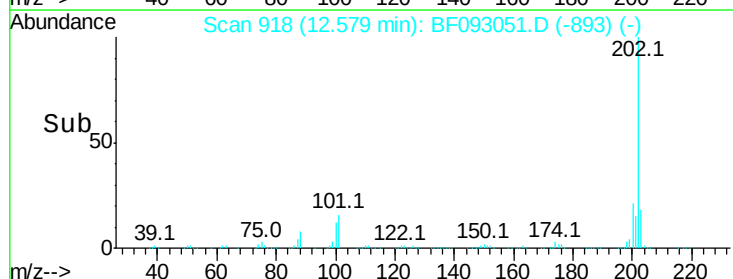
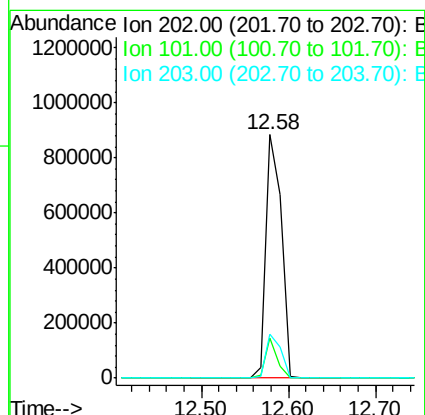
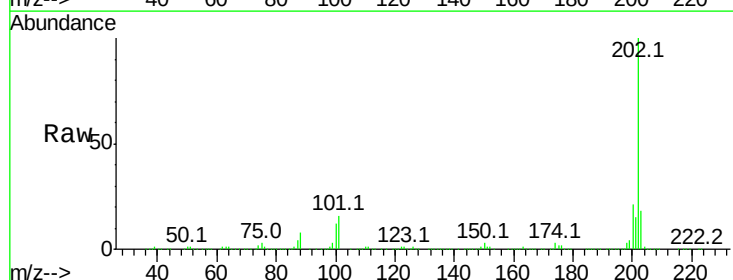
Manual Integrations
APPROVED

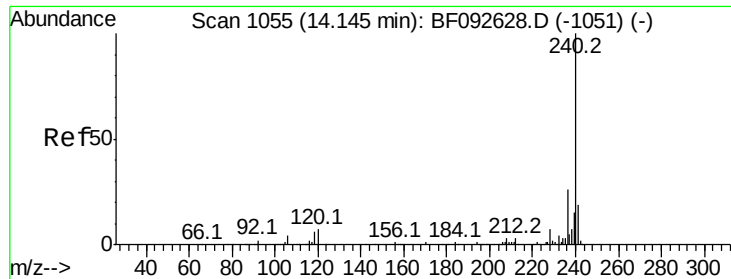
mohammad
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#74
Fluoranthene
Concen: 39.13 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	34.6
203	17.8	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

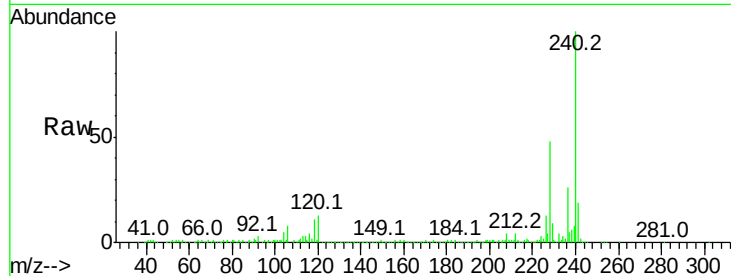
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	26.4	20.9	31.3

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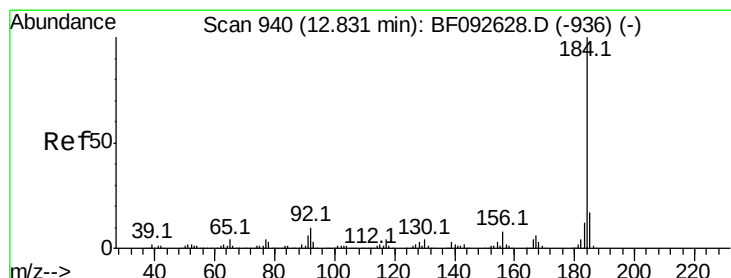
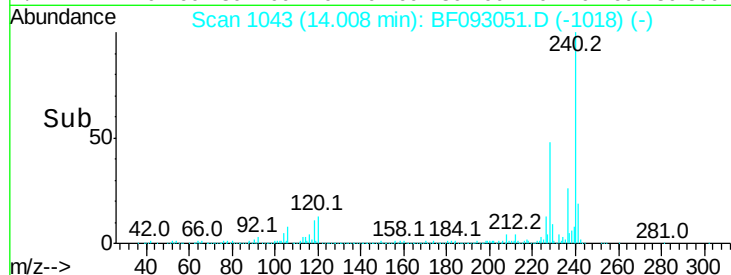
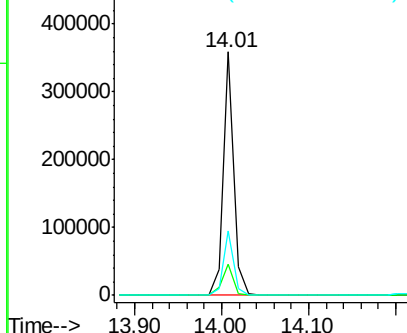
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.69 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093051.D

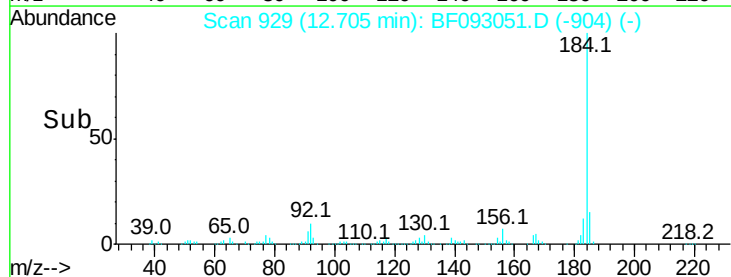
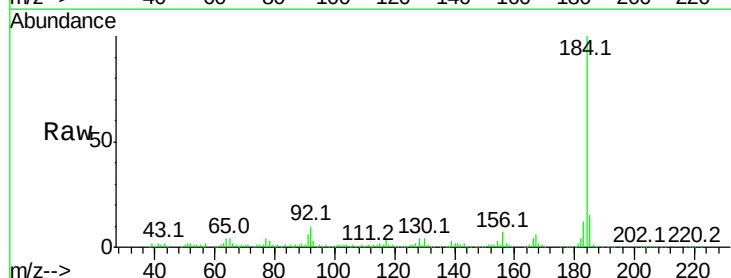
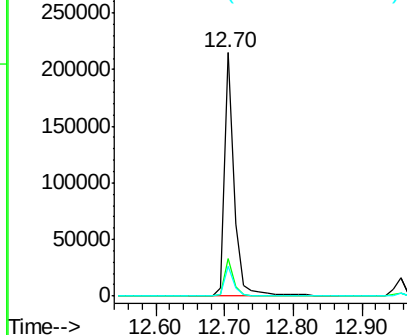
Acq: 21 Feb 2017 1:44

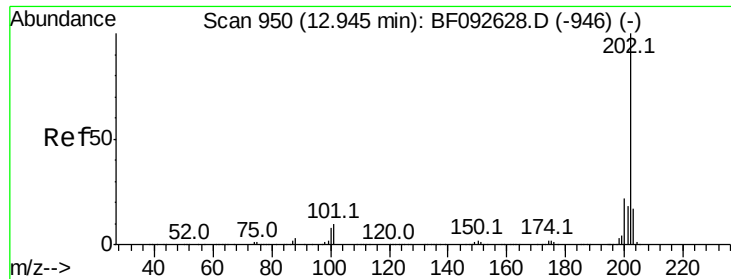
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	12.1	9.2	13.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.94 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tot Ion:202 Resp: 1029879

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

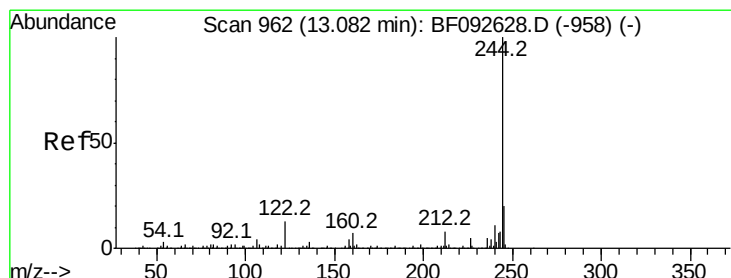
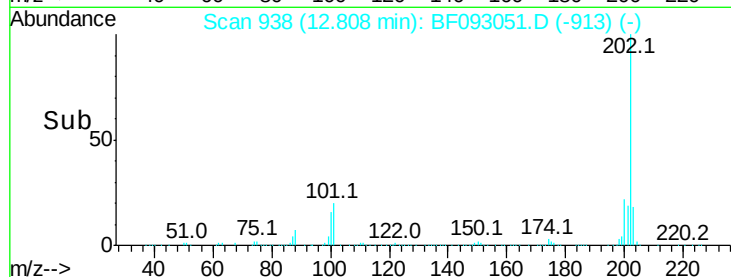
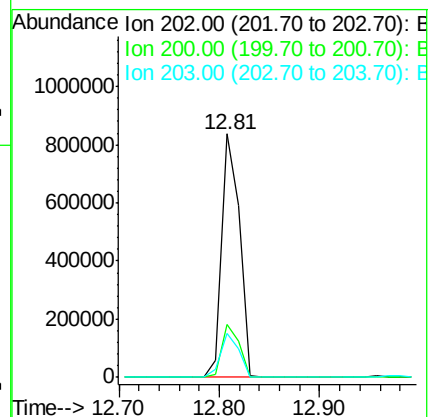
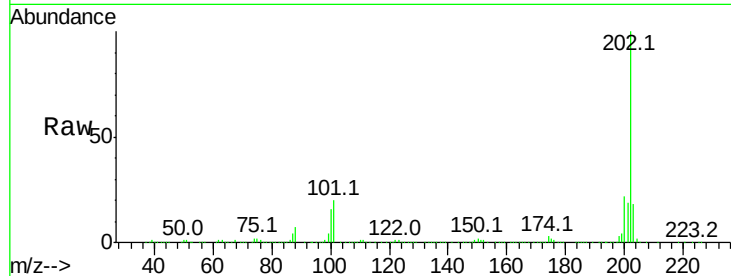
203 18.1 14.7 22.1

Manual Integrations

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#78

Terphenyl-d14

Concen: 85.65 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

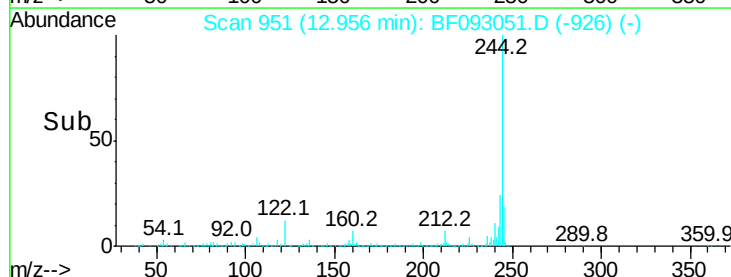
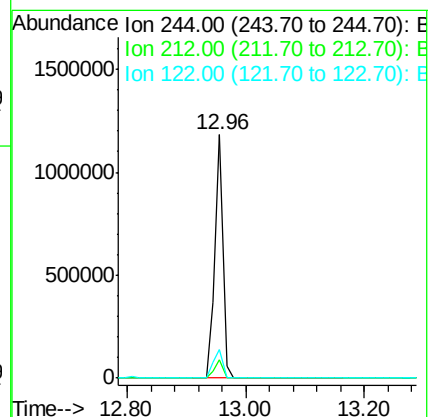
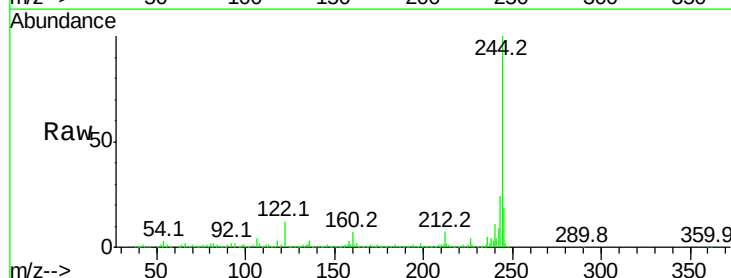
Tgt Ion:244 Resp: 1116086

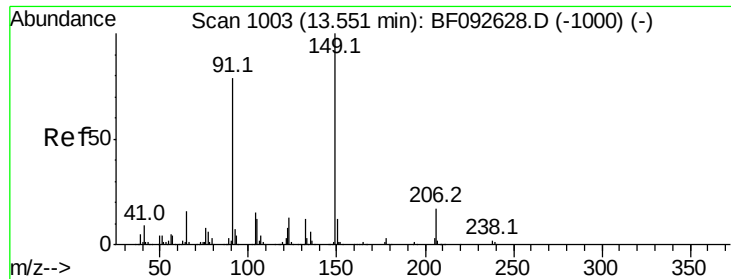
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 11.9 11.4 17.2





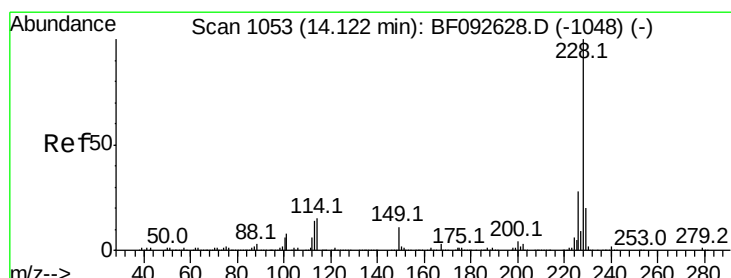
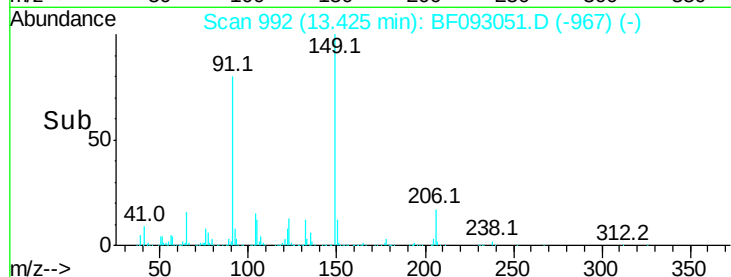
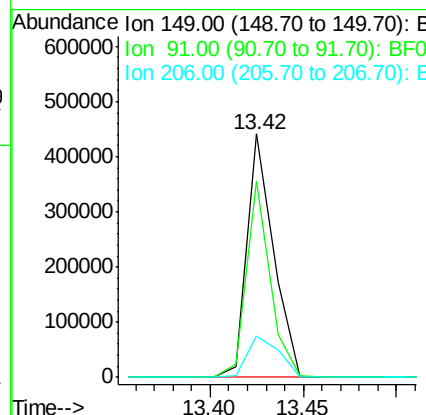
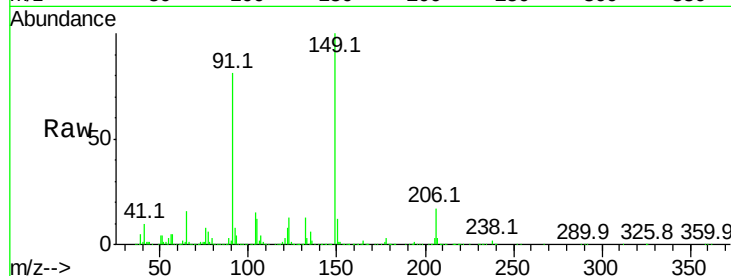
#79
Butylbenzylphthalate
Concen: 46.69 ng
RT: 13.42 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.5	63.9	95.9
206	16.9	14.6	21.8

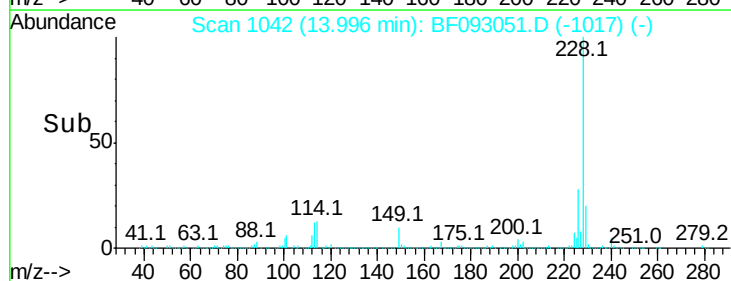
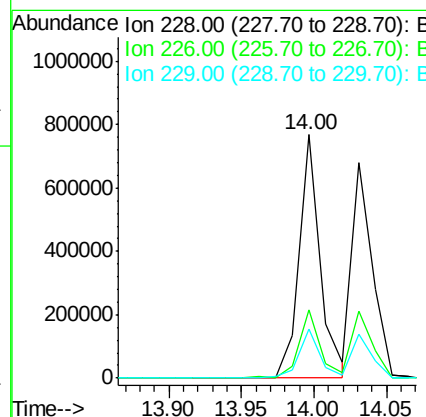
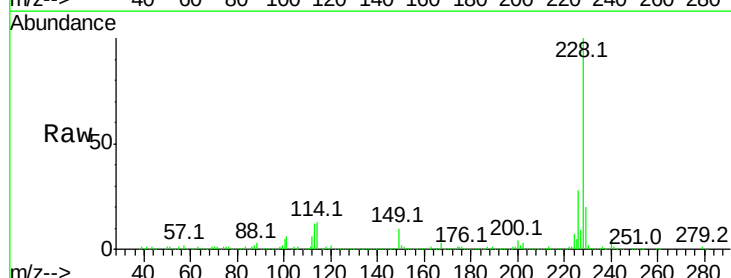
Manual Integrations
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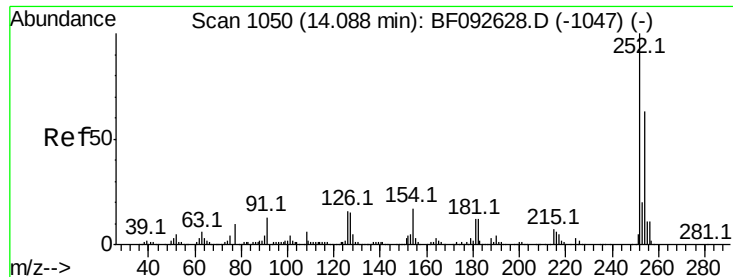
mohammad
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#80
Benzo(a)anthracene
Concen: 41.28 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.0	16.2	24.4





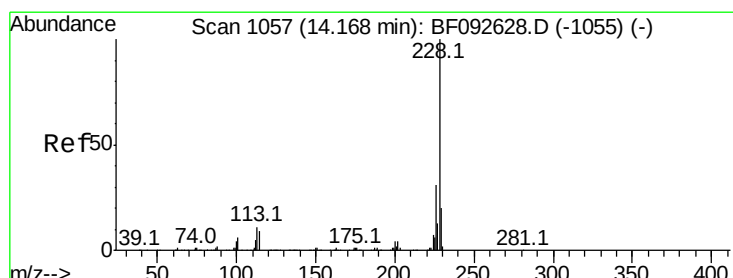
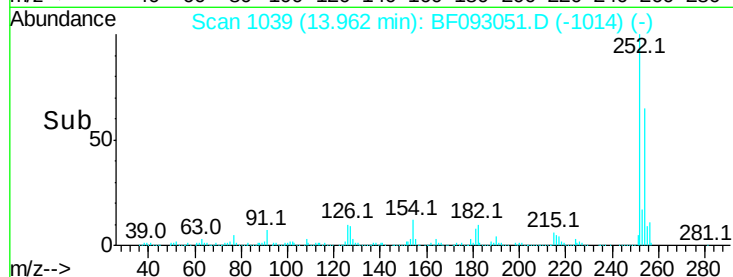
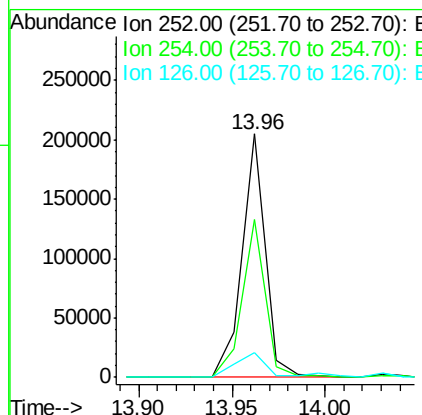
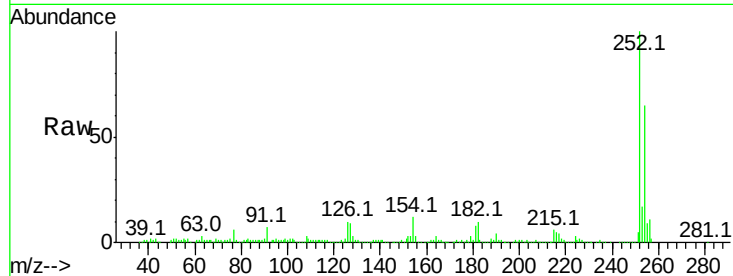
#81
 3,3'-Dichlorobenzidine
 Concen: 26.95 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	52.3	78.5
126	9.9	13.6	20.4

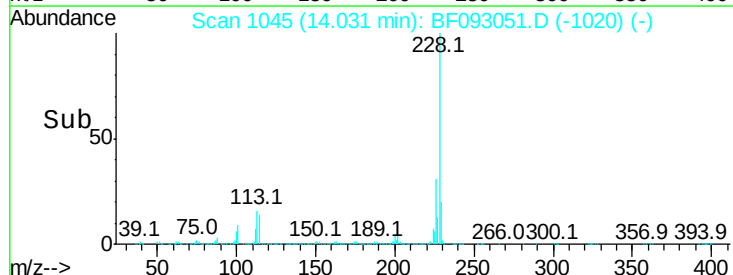
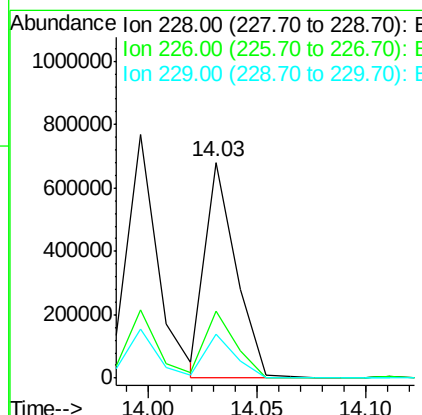
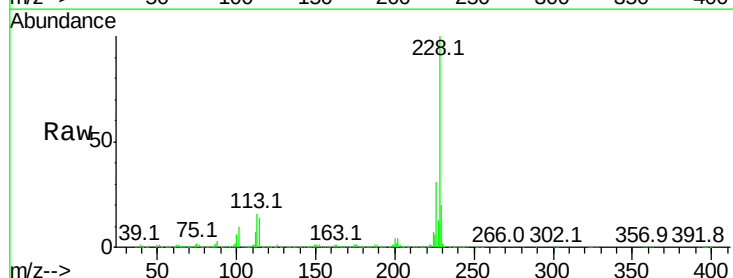
Manual Integrations
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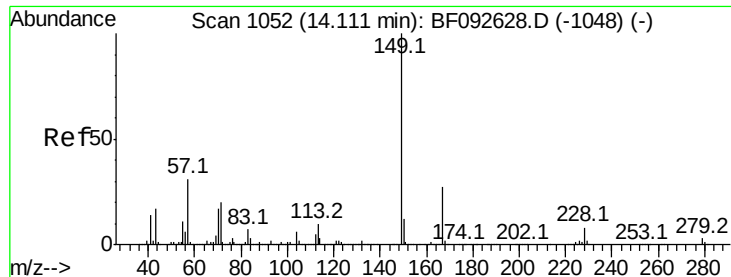
mohammad
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#82
 Chrysene
 Concen: 37.86 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.08 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

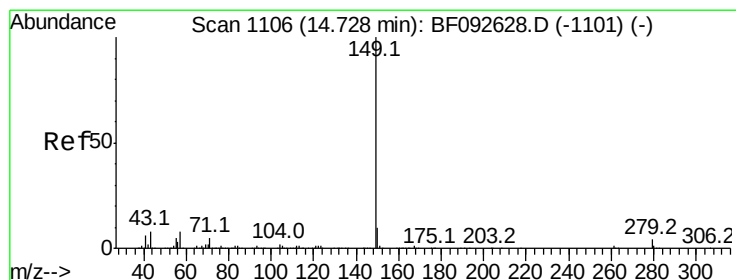
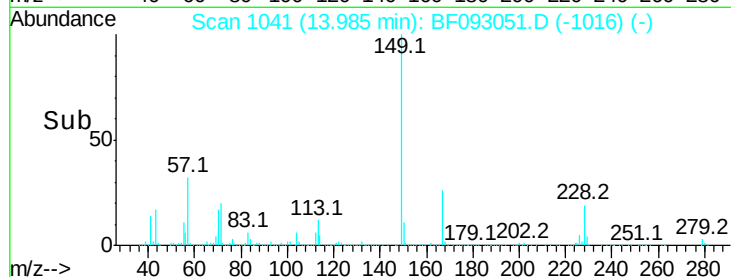
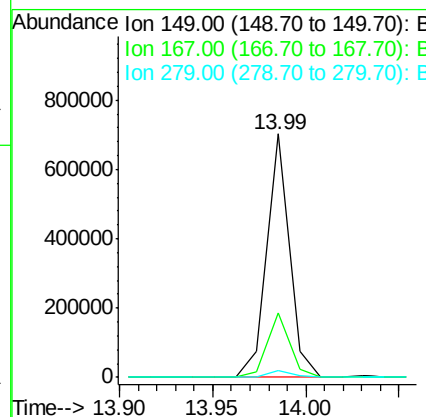
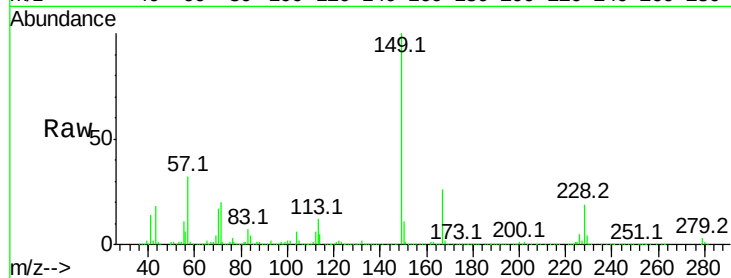
ClientSampleId :

SP-ABCD-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	586354		
167	26.5	20.2	30.4	
279	2.7	1.8	2.8	

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 46.21 ng

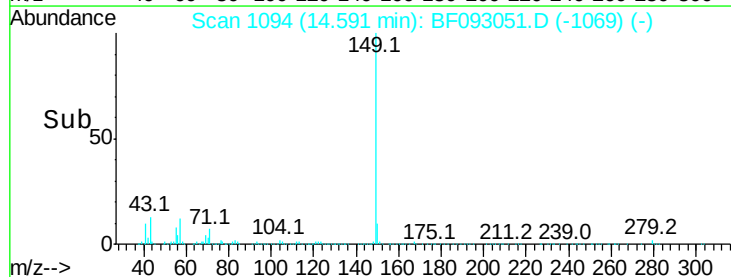
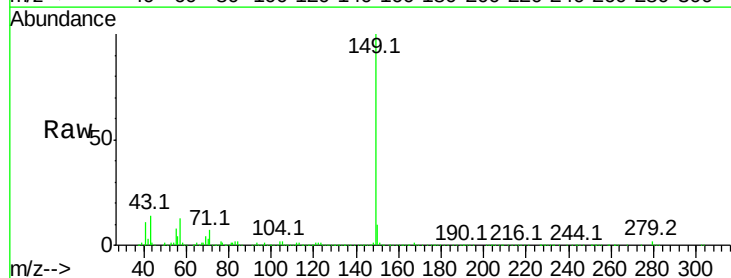
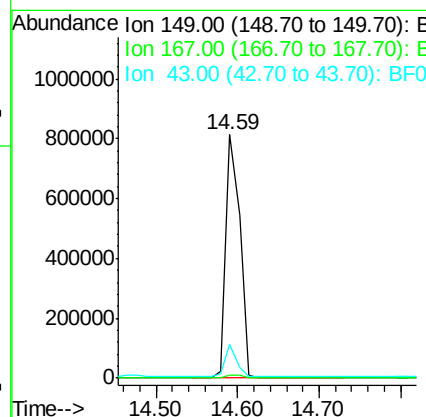
RT: 14.59 min Scan# 1094

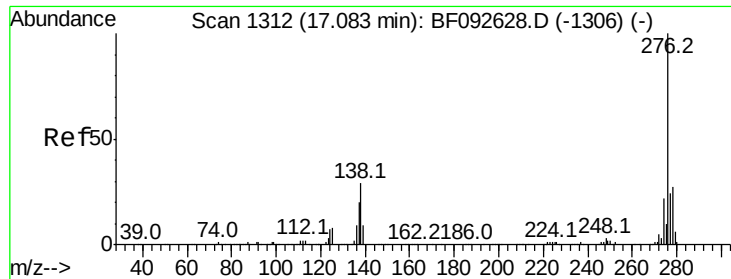
Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	957600		
167	1.5	1.3	1.9	
43	11.1	8.9	13.3	





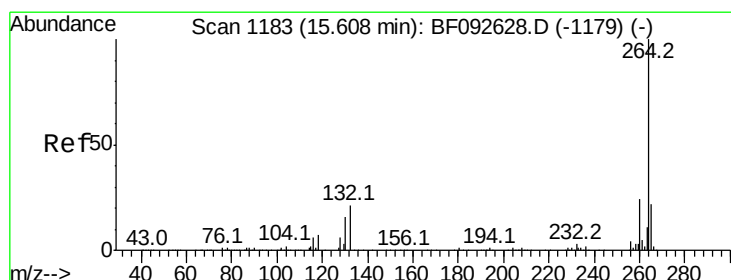
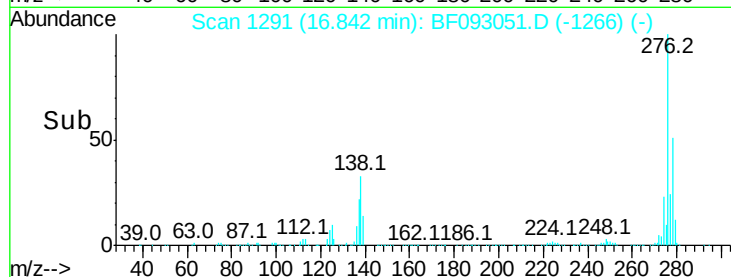
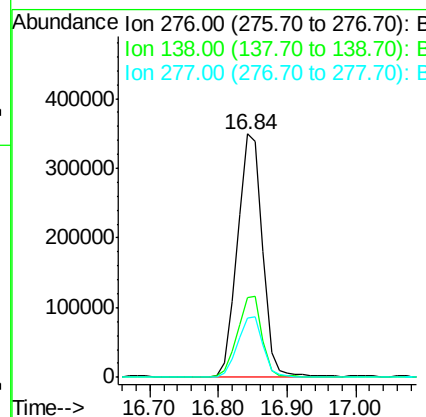
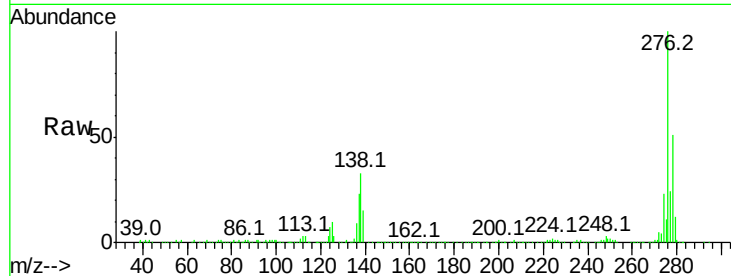
#85
Indeno(1,2,3-cd)pyrene
Concen: 65.55 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.6
277	25.8	20.2	30.4

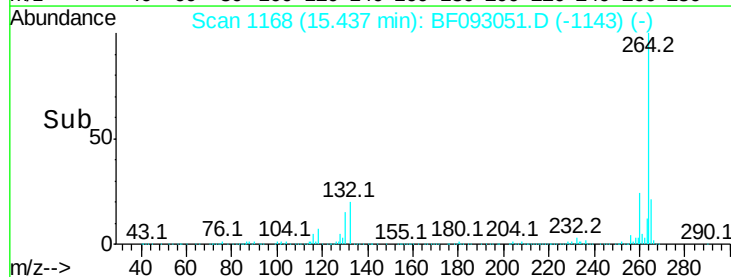
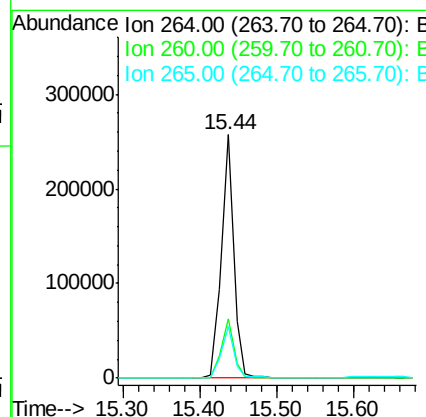
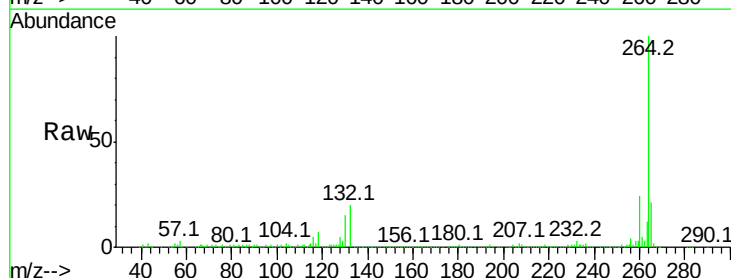
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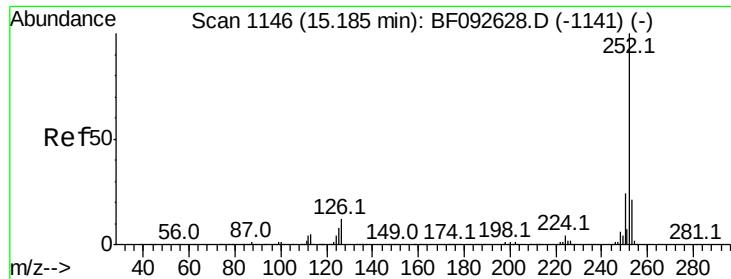
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.4	26.0





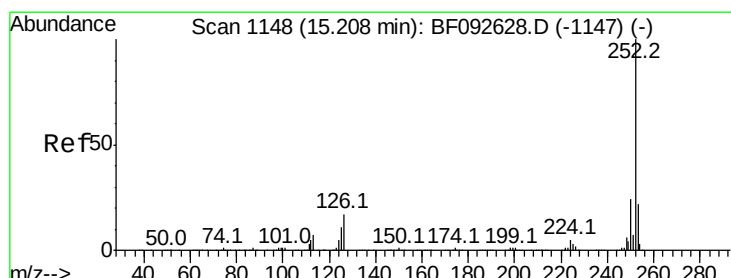
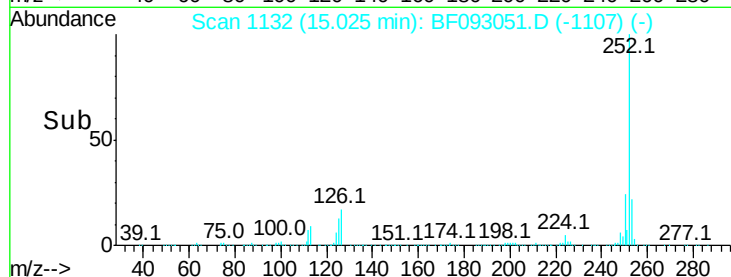
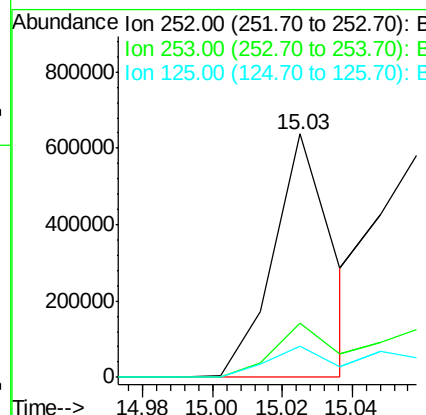
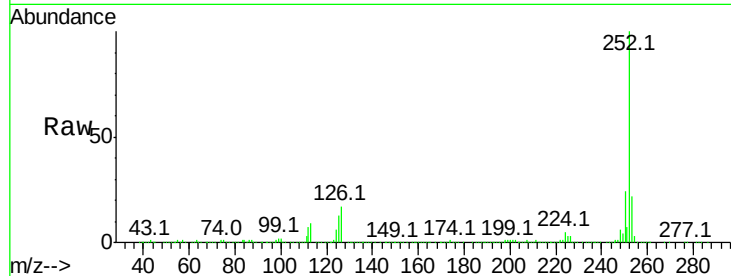
#87
Benzo(b)fluoranthene
Concen: 39.17 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.0	9.8	14.6

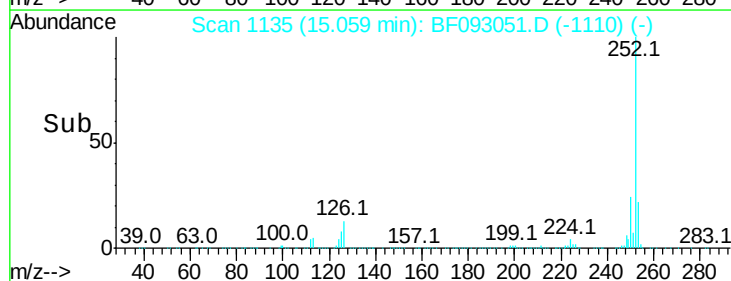
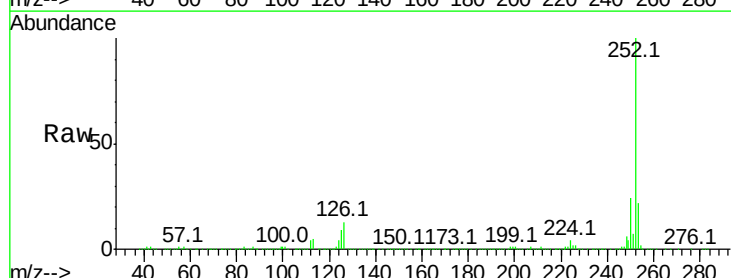
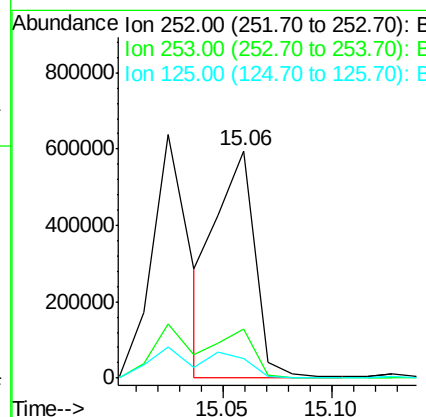
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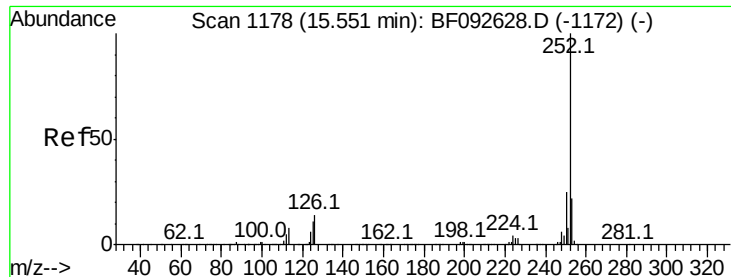
mohammad
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#88
Benzo(k)fluoranthene
Concen: 44.59 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	8.7	8.9	13.3#





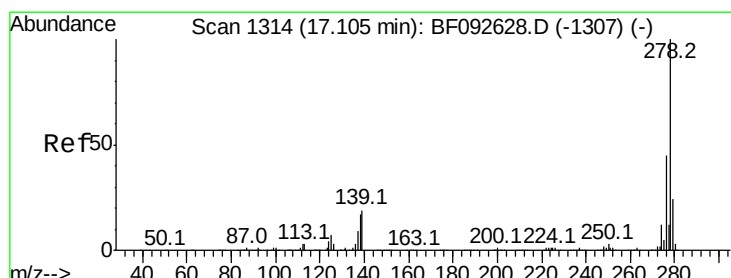
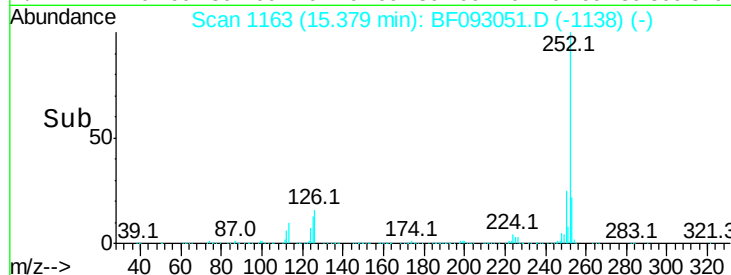
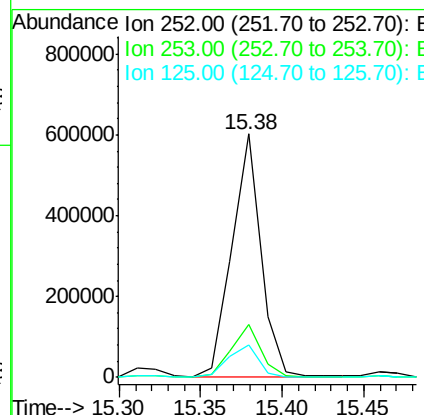
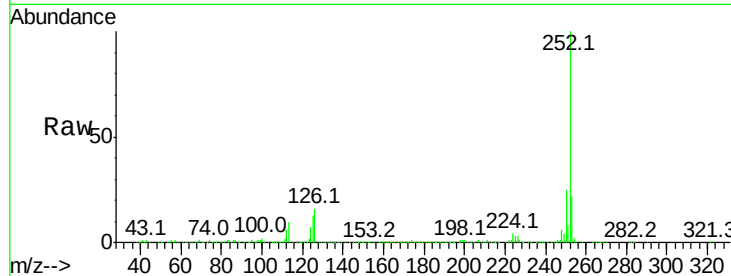
#89
Benzo(a)pyrene
Concen: 44.64 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	13.2	10.0	15.0

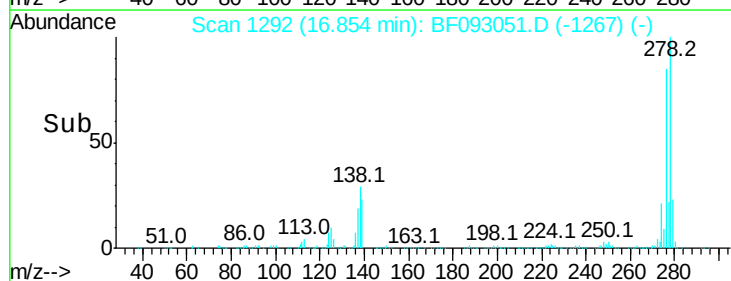
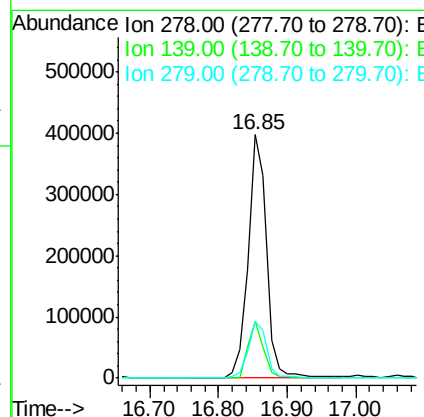
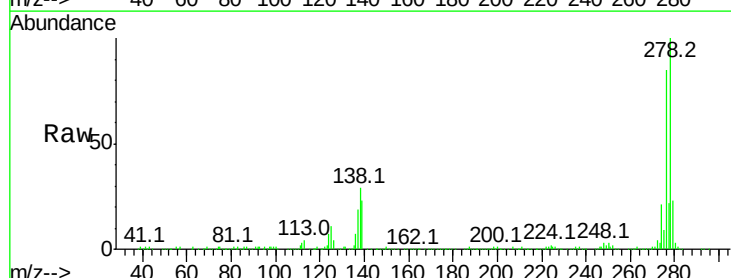
Manual Integrations
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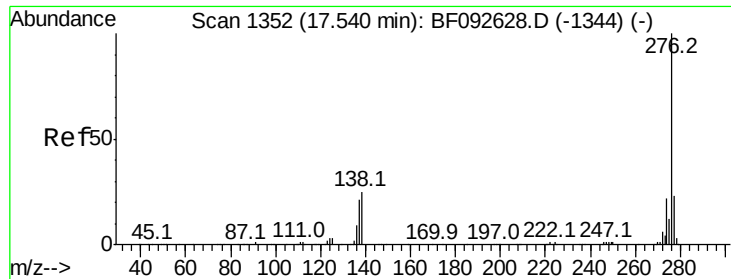
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 54.16 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.8	22.2#
279	23.3	19.8	29.6





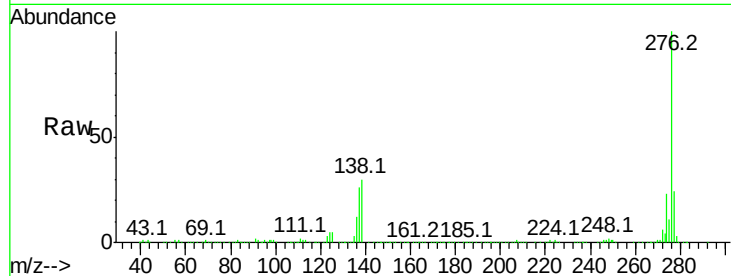
#91
 Benzo(a,h,i)perylene
 Concen: 58.17 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	30.1	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

