

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093081.D
 Acq On : 22 Feb 2017 17:57
 Operator : SJ/MA
 Sample : I1915-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Manual Integrations
 APPROVED

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 2/23/2017 1:16:06 PM

Quant Time: Feb 23 00:19:29 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	146447	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	569217	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	274741	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	517604	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	451582	20.00	ng	-0.02
86) Perylene-d12	15.41	264	317596	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1162933	136.24	ng	0.01
7) Phenol-d6	6.49	99	1327713	120.89	ng	0.00
23) Nitrobenzene-d5	7.41	82	964298	94.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	332262	167.21	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1680797	110.83	ng	-0.02
78) Terphenyl-d14	12.95	244	1528869	79.55	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	177648	38.52	ng	# 70
3) Pyridine	3.29	79	332082m	28.31	ng	
4) n-Nitrosodimethylamine	3.21	42	234181	42.52	ng	92
6) Aniline	6.51	93	262672	17.53	ng	# 67
8) 2-Chlorophenol	6.64	128	431174	45.79	ng	90
9) Benzaldehyde	6.40	77	40474	5.14	ng	96
10) Phenol	6.50	94	474263	36.91	ng	84
11) bis(2-Chloroethyl)ether	6.58	93	465435	45.38	ng	89
12) 1,3-Dichlorobenzene	6.78	146	506214	45.89	ng	97
13) 1,4-Dichlorobenzene	6.86	146	487635m	43.68	ng	
14) 1,2-Dichlorobenzene	7.01	146	487369	45.66	ng	97
15) Benzyl Alcohol	6.99	79	358640	44.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	814407	45.70	ng	96
17) 2-Methylphenol	7.10	107	371468	45.98	ng	96
18) Hexachloroethane	7.36	117	169967	44.60	ng	# 83
19) n-Nitroso-di-n-propylamine	7.26	70	335238	47.95	ng	99
20) 3+4-Methylphenols	7.26	107	461419	47.77	ng	92
22) Acetophenone	7.25	105	605908	46.62	ng	# 98
24) Nitrobenzene	7.42	77	479429	45.68	ng	99
25) Isophorone	7.66	82	913465	47.96	ng	95
26) 2-Nitrophenol	7.74	139	256278	51.37	ng	95
27) 2,4-Dimethylphenol	7.79	122	458695	52.35	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	621997	49.31	ng	98
29) 2,4-Dichlorophenol	7.98	162	396010	48.46	ng	87
30) 1,2,4-Trichlorobenzene	8.06	180	402460	45.70	ng	95
31) Naphthalene	8.14	128	1262145	43.74	ng	99
32) Benzoic acid	7.92	122	131563	29.71	ng	97
33) 4-Chloroaniline	8.20	127	112703	9.96	ng	99
34) Hexachlorobutadiene	8.26	225	205297	42.37	ng	99
35) Caprolactam	8.58	113	110608m	43.03	ng	
36) 4-Chloro-3-methylphenol	8.69	107	437249	51.32	ng	98
37) 2-Methylnaphthalene	8.84	142	914105	49.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	377732	48.98	ng	99
40) Hexachlorocyclopentadiene	8.99	237	321614	92.43	ng	98

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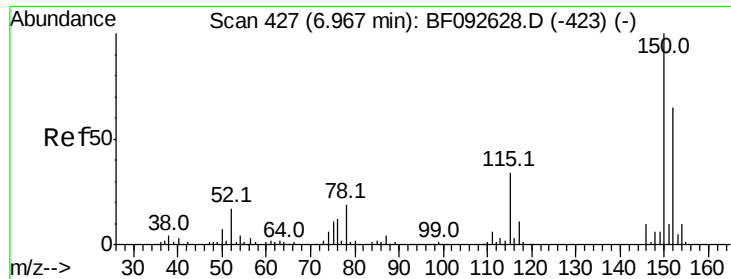
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	266274	52.54	nq	91
43) 2,4,5-Trichlorophenol	9.17	196	292452	52.67	nq	# 83
45) 1,1'-Biphenyl	9.30	154	1015381	51.04	nq	97
46) 2-Chloronaphthalene	9.32	162	819162	52.64	nq	96
47) 2-Nitroaniline	9.42	65	279097	53.34	nq	96
48) Acenaphthylene	9.74	152	1361006	50.62	nq	98
49) Dimethylphthalate	9.61	163	1028006	55.55	nq	100
50) 2,6-Dinitrotoluene	9.66	165	211476	52.92	nq	# 73
51) Acenaphthene	9.90	154	783041	48.72	nq	96
52) 3-Nitroaniline	9.84	138	109700	23.99	nq	90
53) 2,4-Dinitrophenol	9.95	184	214142	103.83	nq	# 79
54) Dibenzofuran	10.09	168	1176898	54.74	nq	# 88
55) 4-Nitrophenol	10.02	139	335324	101.80	nq	# 67
56) 2,4-Dinitrotoluene	10.08	165	298456	56.09	nq	92
57) Fluorene	10.42	166	833376	50.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	225034	60.75	nq	98
59) Diethylphthalate	10.30	149	1020846	58.54	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	414656	52.18	nq	# 76
61) 4-Nitroaniline	10.45	138	226603	48.37	nq	92
62) Azobenzene	10.58	77	1108941	61.55	nq	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	160887	50.90	nq	95
65) n-Nitrosodiphenylamine	10.53	169	759522	45.93	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	240864	44.54	nq	92
67) Hexachlorobenzene	10.97	284	230529	43.14	nq	# 82
68) Atrazine	11.07	200	219592	41.38	nq	90
69) Pentachlorophenol	11.17	266	274785	97.84	nq	98
70) Phenanthrene	11.38	178	1229477	41.46	nq	99
71) Anthracene	11.44	178	1425725	47.88	nq	98
72) Carbazole	11.60	167	1340562	47.09	nq	98
73) Di-n-butylphthalate	11.92	149	1417479	46.04	nq	98
74) Fluoranthene	12.57	202	1297473	42.42	nq	99
76) Benzidine	12.69	184	71665	3.72	nq	96
77) Pyrene	12.80	202	1330061	39.36	nq	99
79) Butylbenzylphthalate	13.41	149	640499	46.67	nq	92
80) Benzo(a)anthracene	13.99	228	1125479	40.75	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	236435	24.01	nq	# 95
82) Chrysene	14.02	228	960032	37.12	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	869980	46.35	nq	# 97
84) Di-n-octyl phthalate	14.58	149	1456577	47.66	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	799590	39.92	nq	# 94
87) Benzo(b)fluoranthene	15.01	252	1031553m	49.35	nq	
88) Benzo(k)fluoranthene	15.04	252	884922m	49.03	nq	
89) Benzo(a)pyrene	15.36	252	881869	48.77	nq	# 97
90) Dibenzo(a,h)anthracene	16.82	278	663681	45.41	nq	# 94
91) Benzo(g,h,i)perylene	17.23	276	682732	46.24	nq	# 91

(#) = 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: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

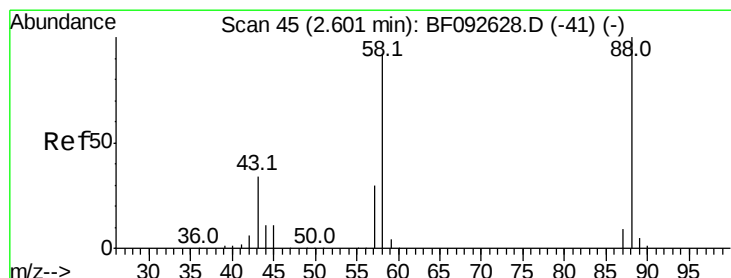
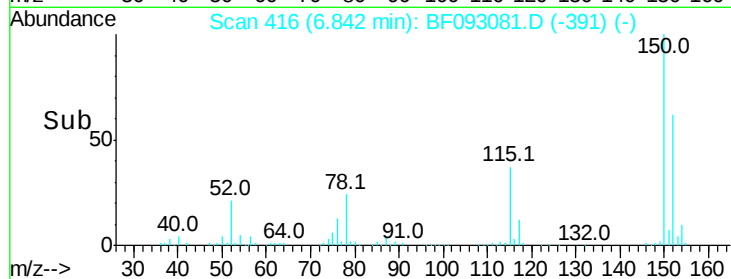
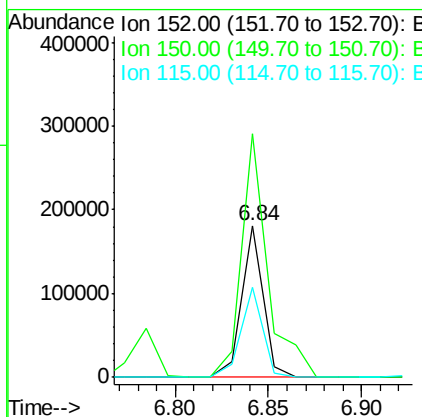
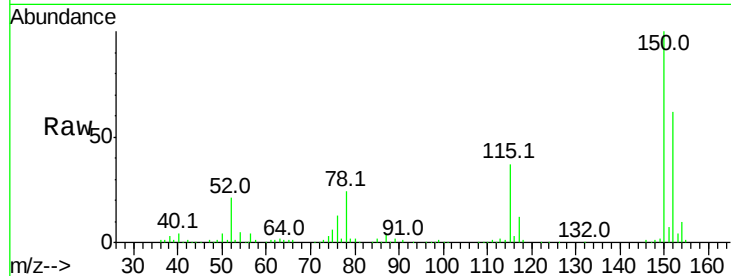
ClientSampleId :

B1-1MS

Tot Ion:	152	Resp:	146447
Ion Ratio	Lower	Upper	
152	100		
150	160.2	124.9	187.3
115	59.5	46.0	69.0

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#2

1,4-Dioxane

Concen: 38.52 ng

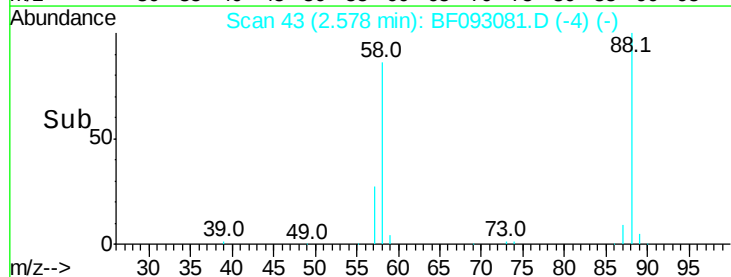
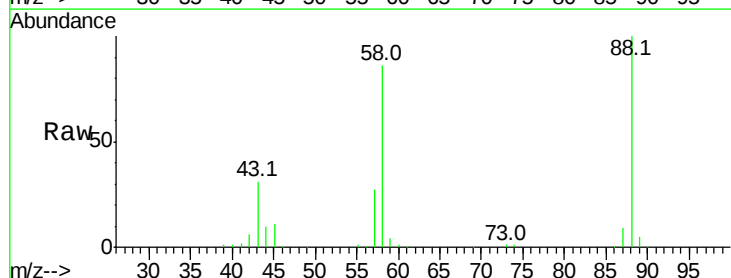
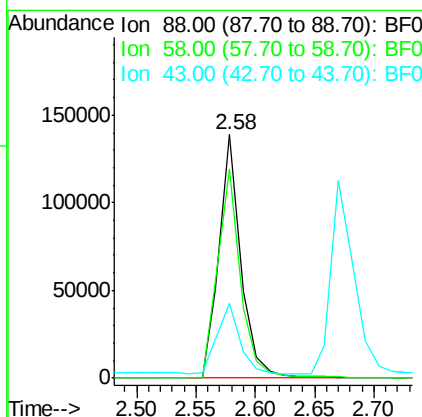
RT: 2.58 min Scan# 43

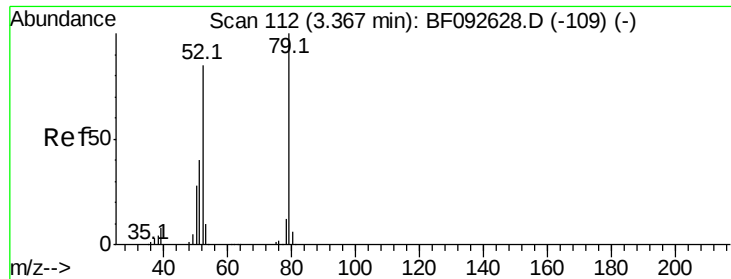
Delta R.T. 0.15 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion:	88	Resp:	177648
Ion Ratio	Lower	Upper	
88	100		
58	90.0	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 28.31 ng/ml

RT: 3.29 min Scan# 105

Delta R.T. 0.14 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

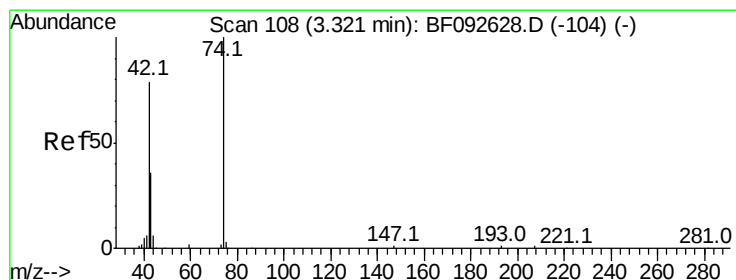
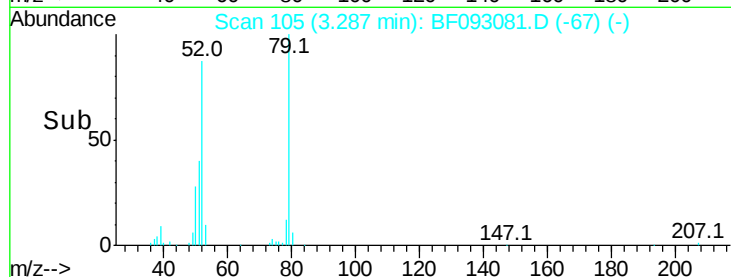
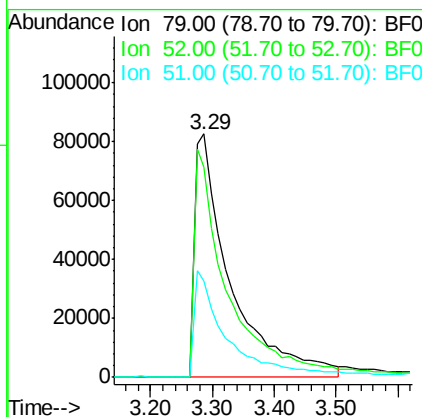
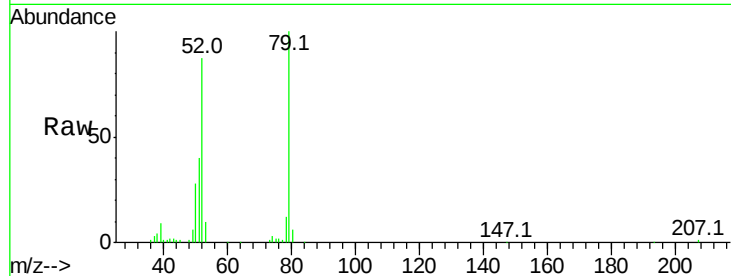
ClientSampleId :

B1-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.5	57.1	85.7#
51	39.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 42.52 ng/ml

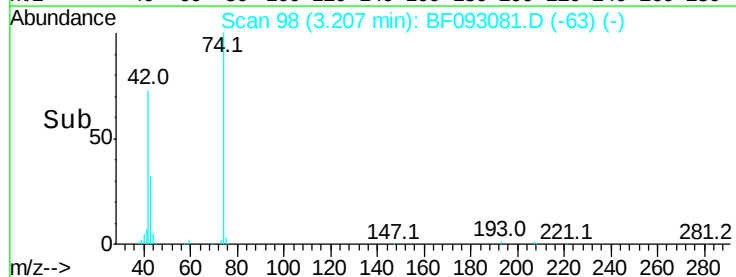
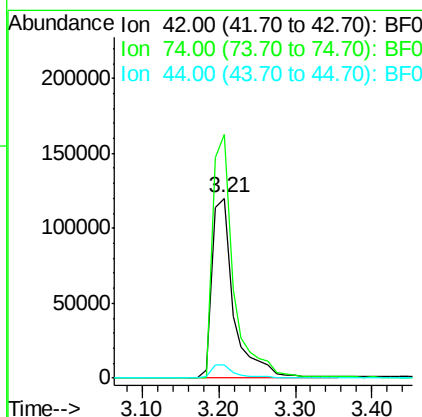
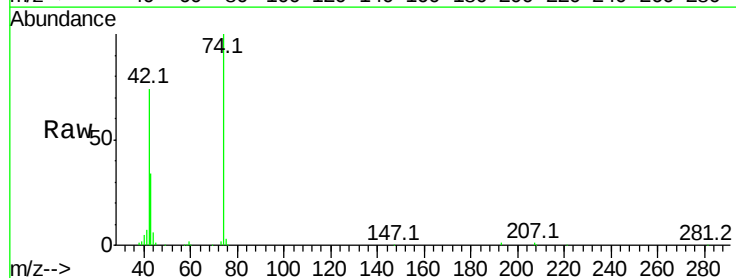
RT: 3.21 min Scan# 98

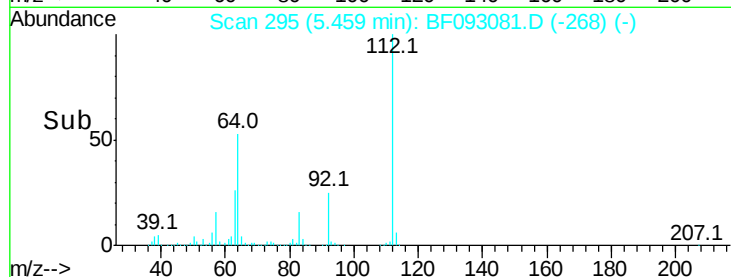
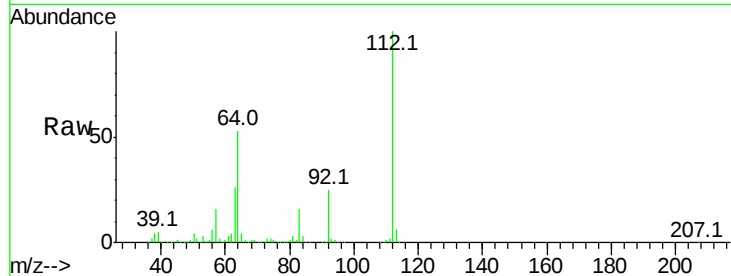
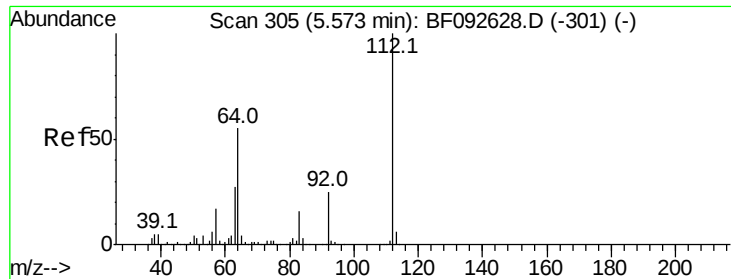
Delta R.T. 0.10 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.5	117.0	175.4
44	7.5	5.5	8.3





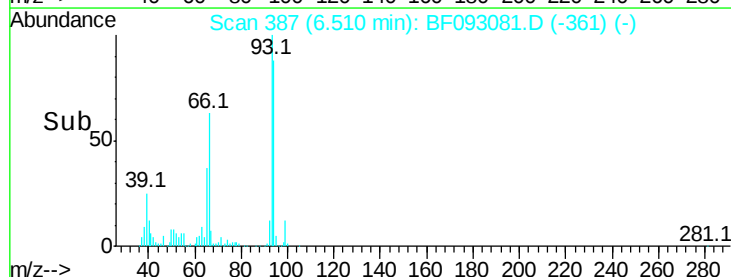
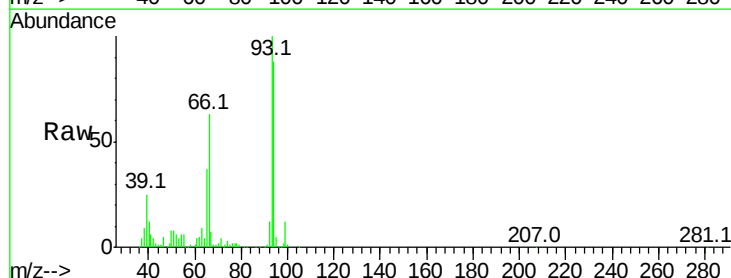
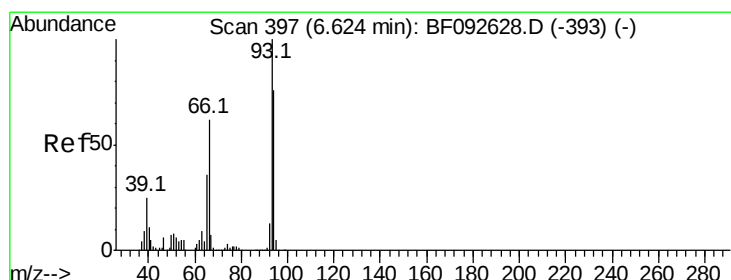
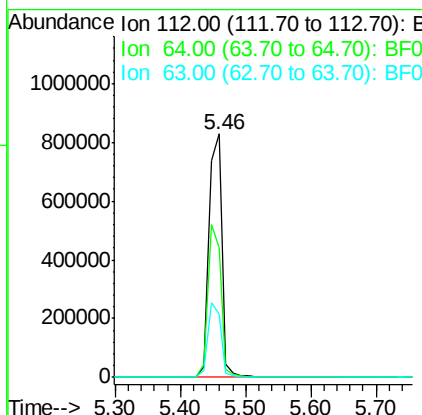
#5
2-Fluorophenol
Concen: 136.24 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.1	69.1
63	26.0	23.8	35.6

Instrument :
BNA_F
ClientSampleId :
B1-1MS

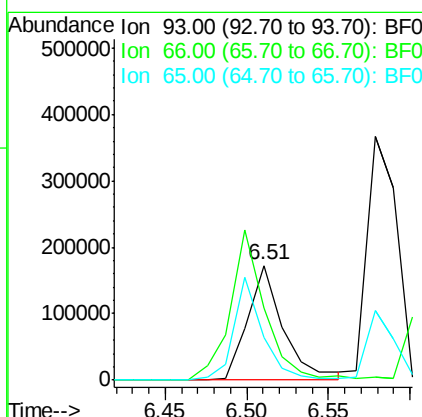
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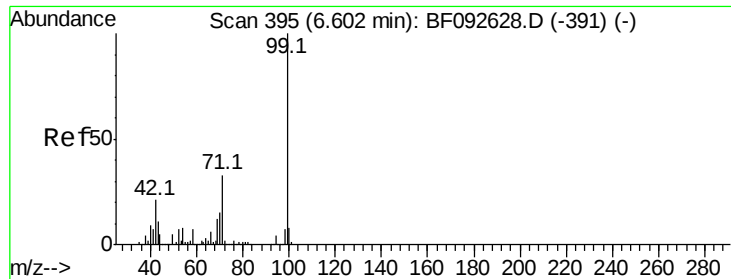
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#6
Aniline
Concen: 17.53 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
66	63.0	76.2	114.2#
65	36.9	49.3	73.9#





#7

Phenol-d6

Concen: 120.89 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

B1-1MS

Tot Ion: 99 Resp: 1327713

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

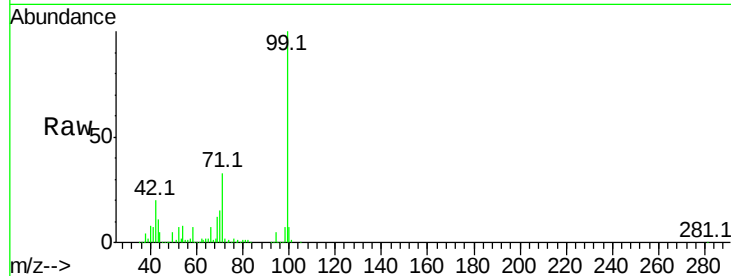
71 32.7 27.5 41.3

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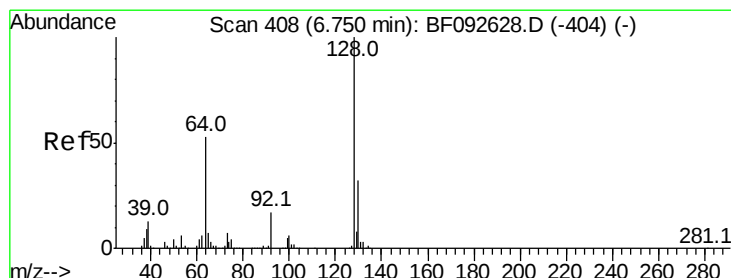
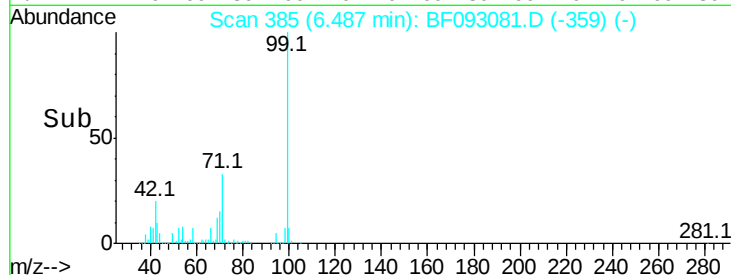
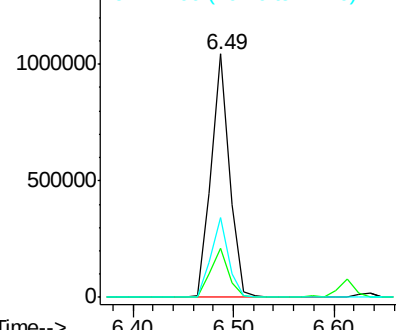
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.79 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

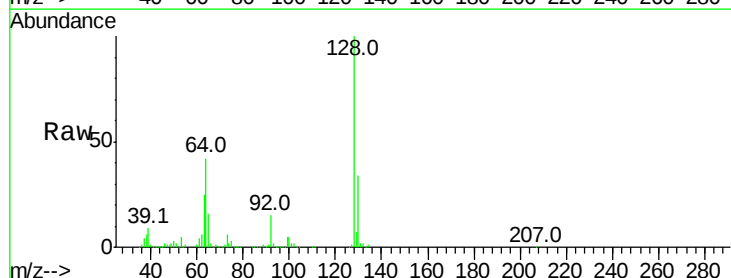
Tgt Ion:128 Resp: 431174

Ion Ratio Lower Upper

128 100

130 34.0 12.3 52.3

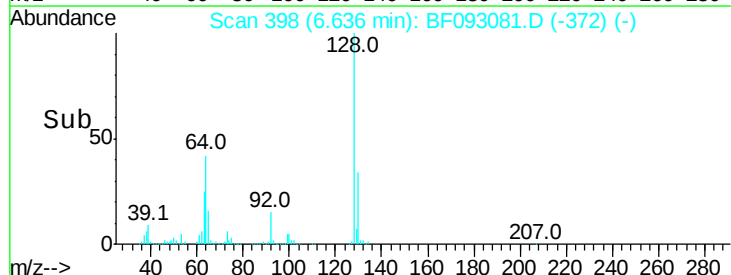
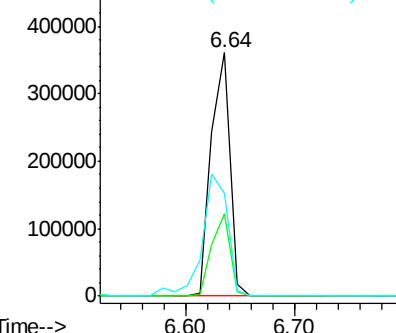
64 42.0 32.2 72.2



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: 5.14 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampled :

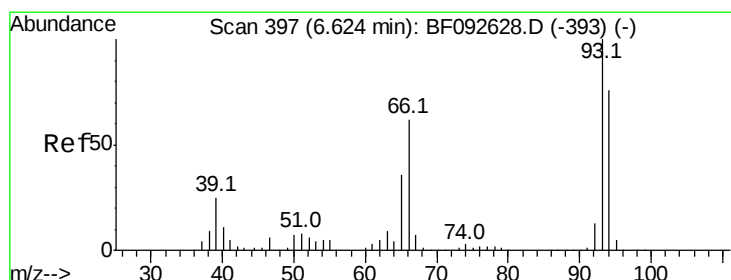
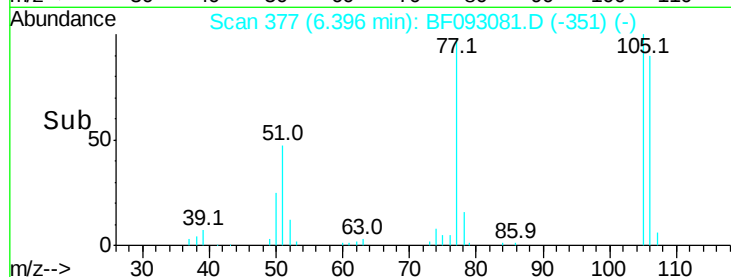
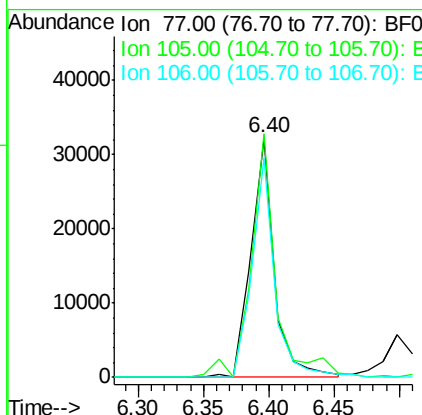
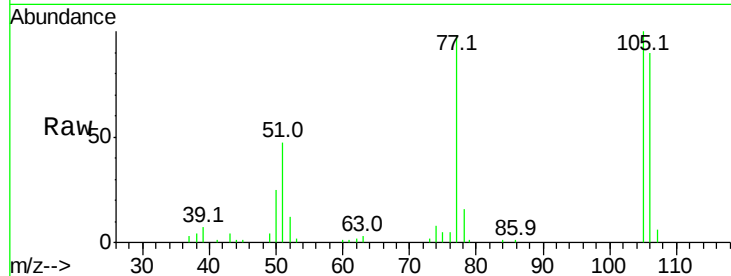
B1-1MS

Tot Ion: 77 Resp: 40474

Ion	Ratio	Lower	Upper
77	100		
105	102.0	83.9	123.9
106	92.1	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 36.91 ng

RT: 6.50 min Scan# 386

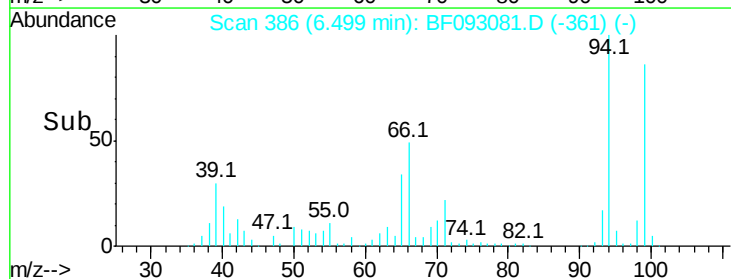
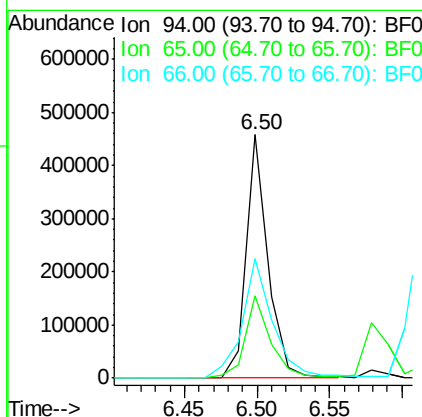
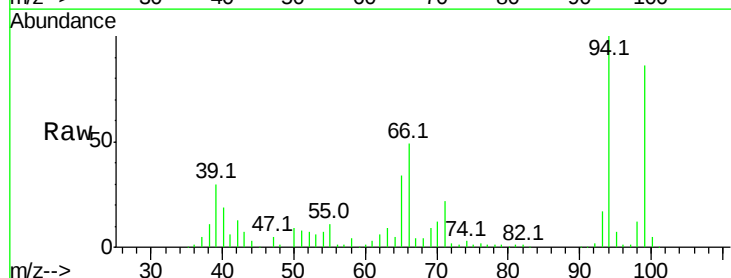
Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion: 94 Resp: 474263

Ion	Ratio	Lower	Upper
94	100		
65	33.9	21.4	61.4
66	49.2	44.0	84.0





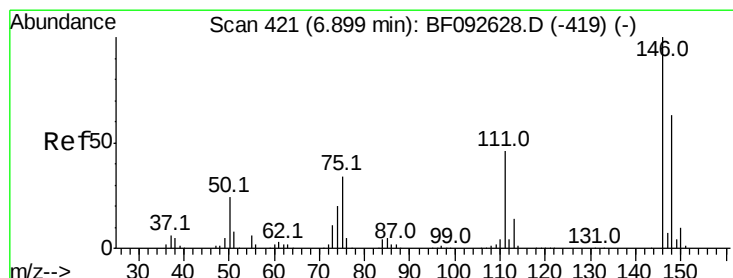
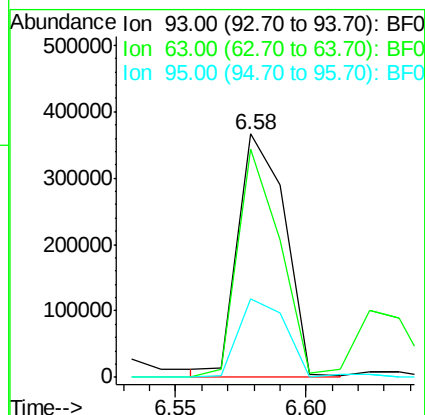
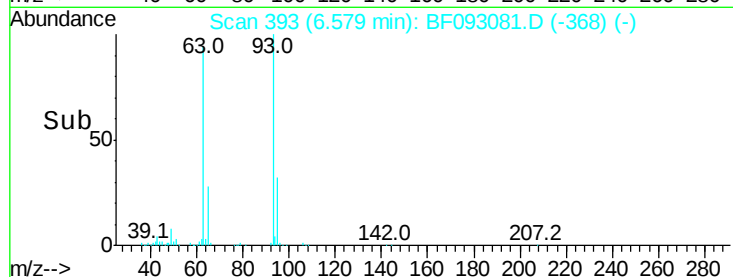
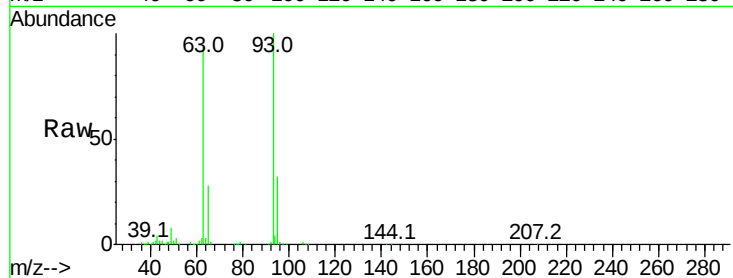
#11
bis(2-Chloroethyl)ether
Concen: 45.38 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampled :
B1-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	94.0	60.4	100.4
95	32.3	12.8	52.8

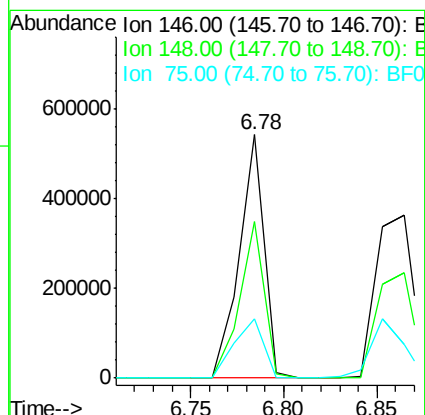
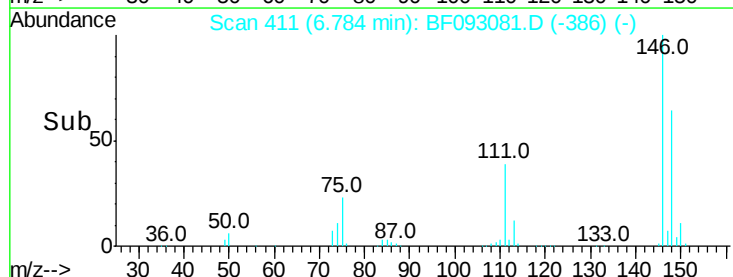
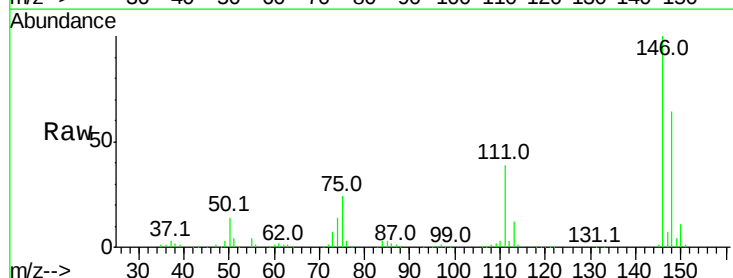
Manual Integrations
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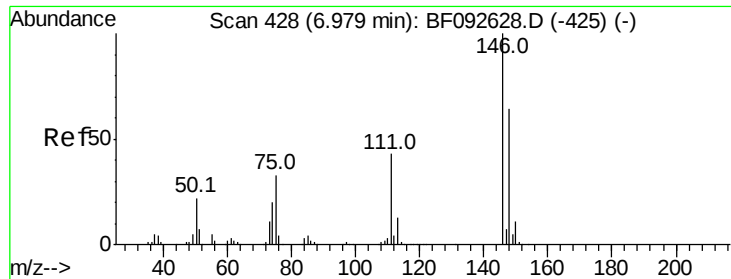
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.89 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.4	80.0
75	24.2	18.5	27.7





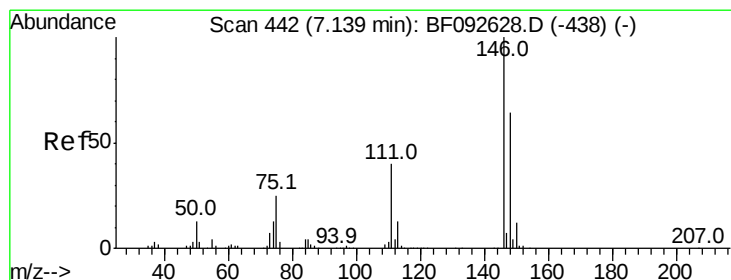
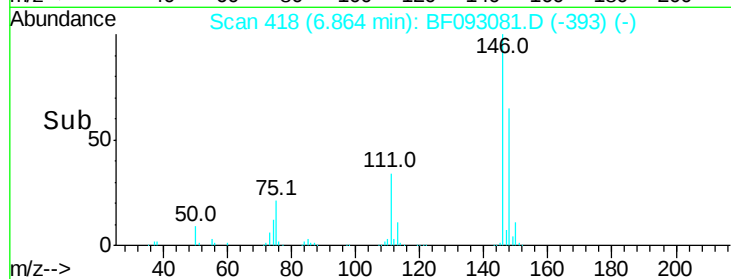
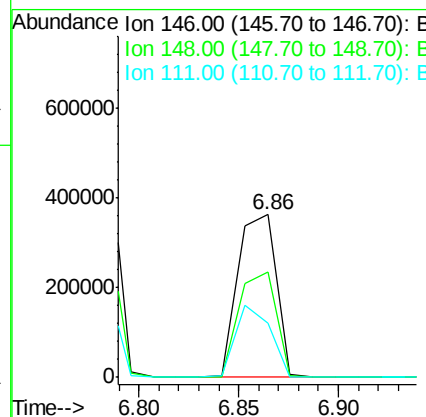
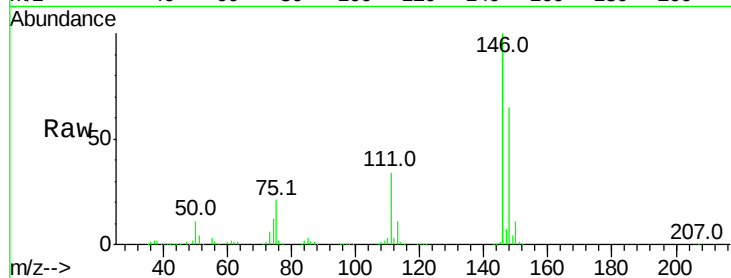
#13
1,4-Dichlorobenzene
Concen: 43.68 ng/ml
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	33.6	36.2	54.4

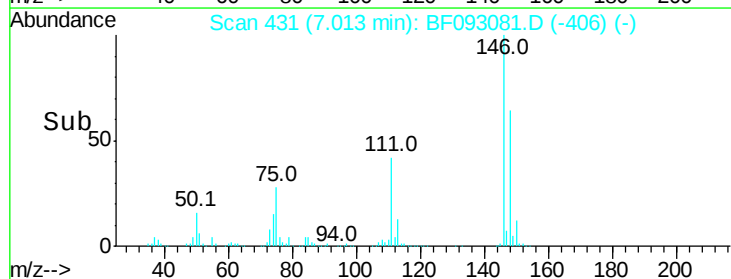
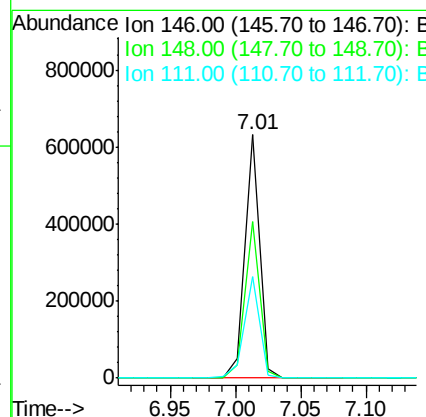
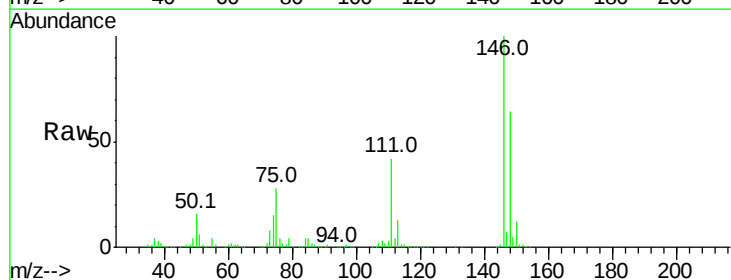
Manual Integrations
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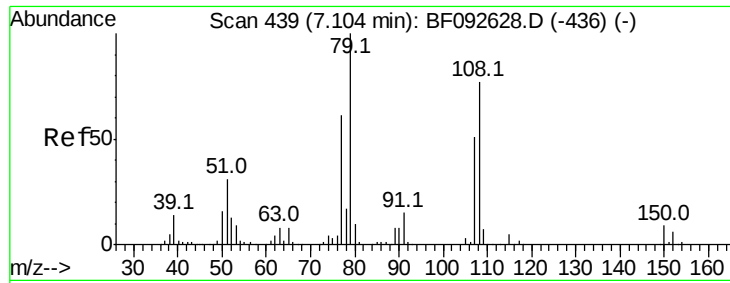
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.66 ng/ml
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.5	36.2	54.2





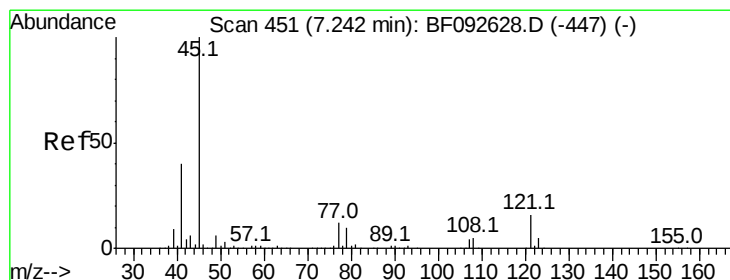
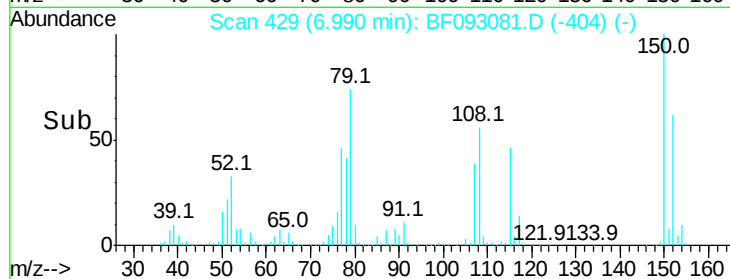
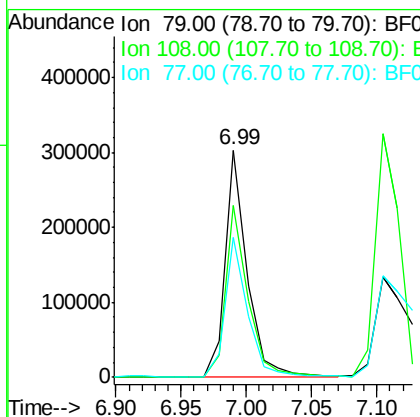
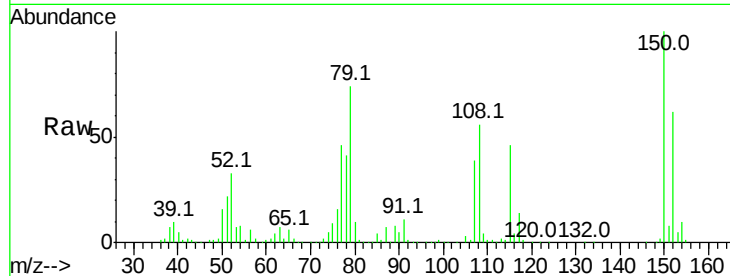
#15
Benzyl Alcohol
Concen: 44.11 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampled :
B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	358640		
108	75.9	61.4	92.0	
77	61.7	50.9	76.3	

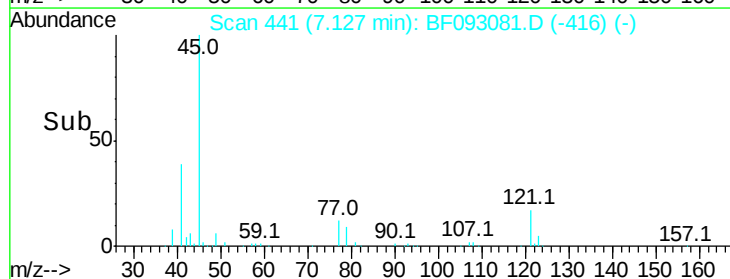
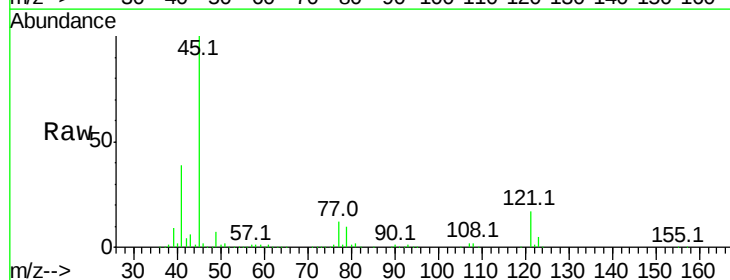
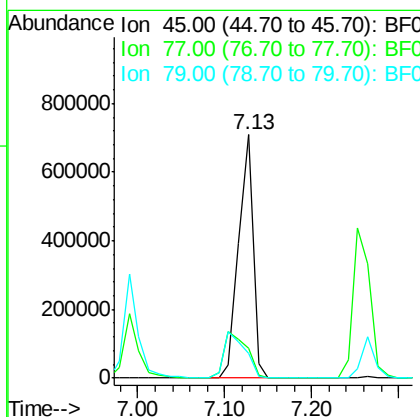
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.70 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	814407		
77	12.5	0.0	34.6	
79	9.9	0.0	31.2	





#17

2-Methylphenol

Concen: 45.98 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampled :

B1-1MS

Tot Ion:107 Resp: 371468

Ion Ratio Lower Upper

107 100

108 111.7 93.0 139.6

77 46.7 39.8 59.8

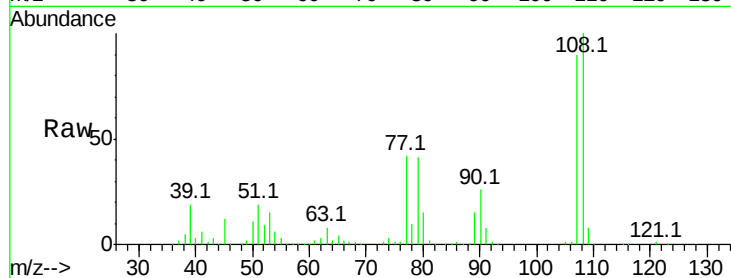
79 46.1 38.0 57.0

Manual Integrations

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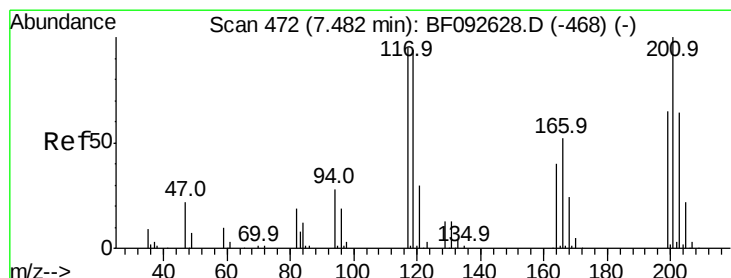
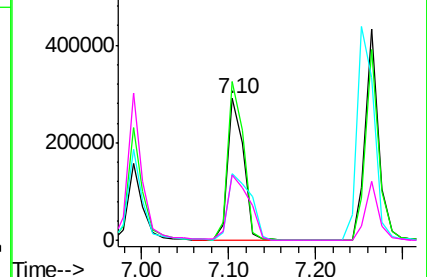
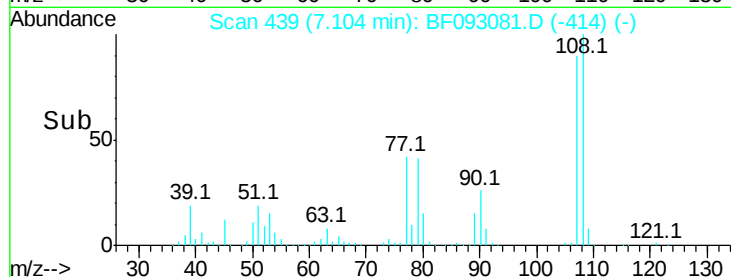


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.60 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

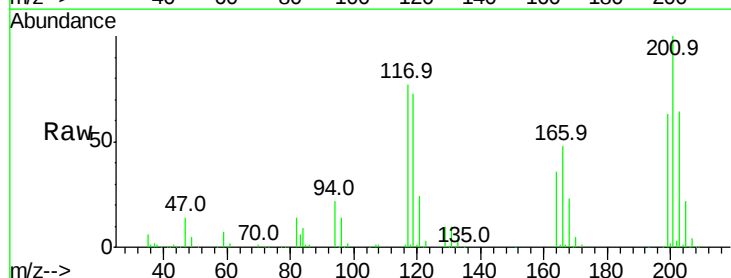
Tgt Ion:117 Resp: 169967

Ion Ratio Lower Upper

117 100

119 95.2 78.1 117.1

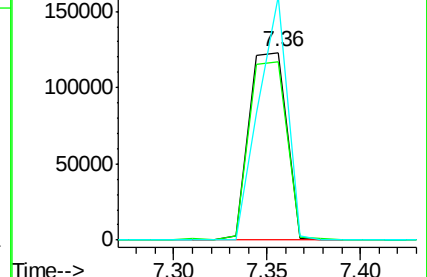
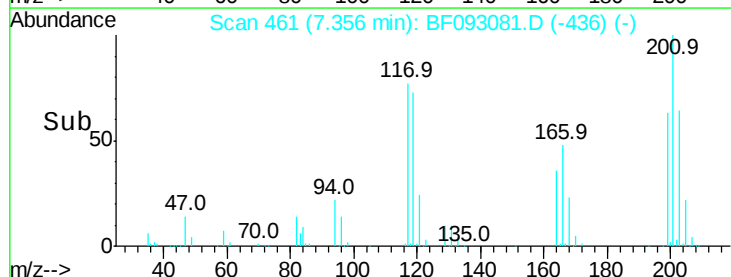
201 130.0 78.6 117.8#

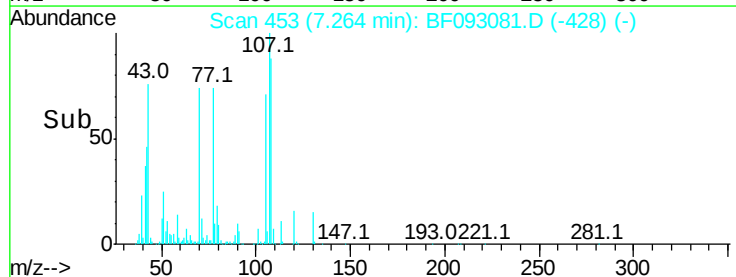
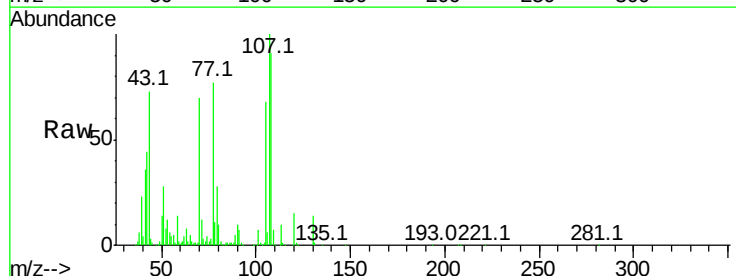
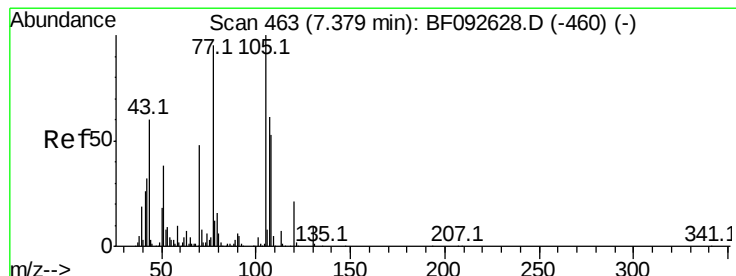
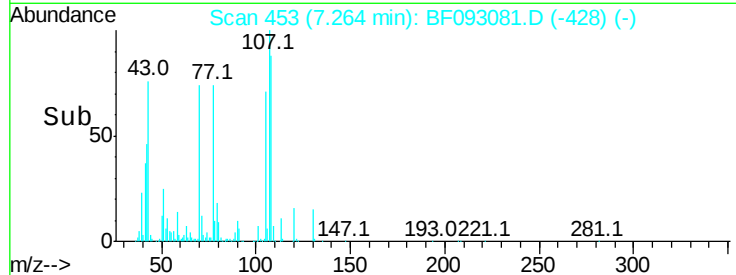
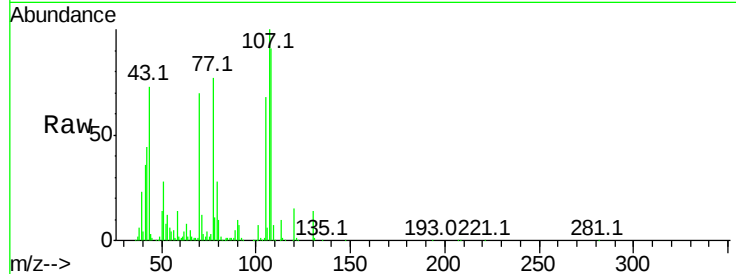


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.95 ng

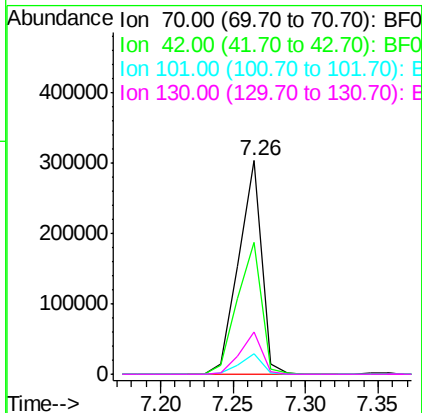
RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.4	74.0
101	9.5	7.4	11.2
130	19.6	14.2	21.4



Instrument :

BNA_F

ClientSampleId :

B1-1MS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 47.77 ng

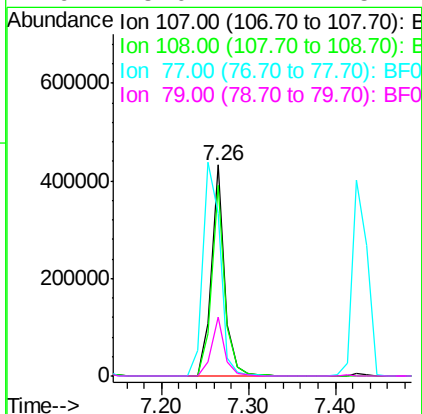
RT: 7.26 min Scan# 453

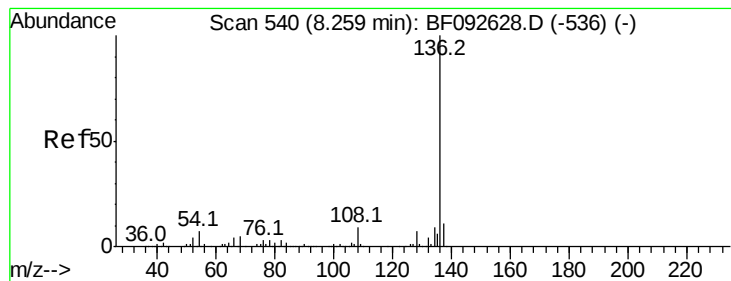
Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.0	113.0
77	77.0	71.3	111.3
79	28.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

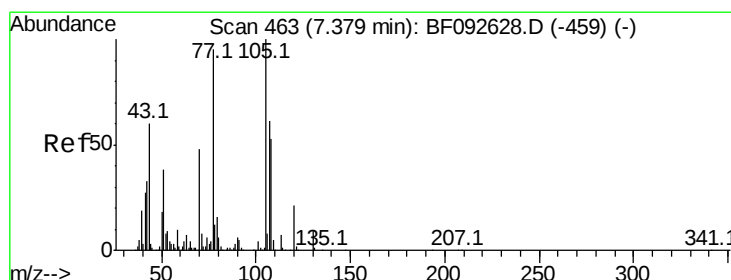
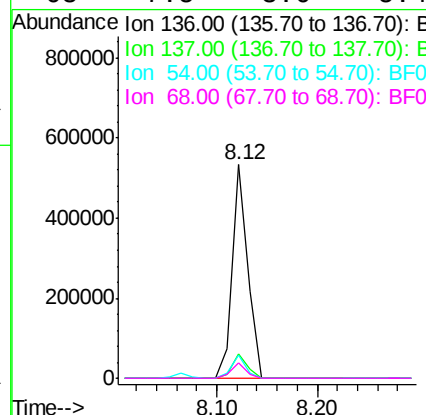
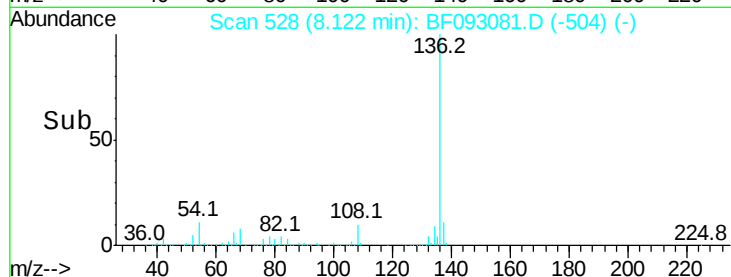
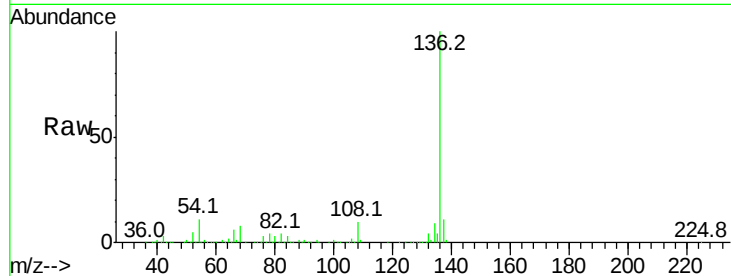
ClientSampleId :

B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	10.9	4.5	6.7#	
68	7.5	3.6	5.4#	

Manual Integrations
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#22

Acetophenone

Concen: 46.62 ng

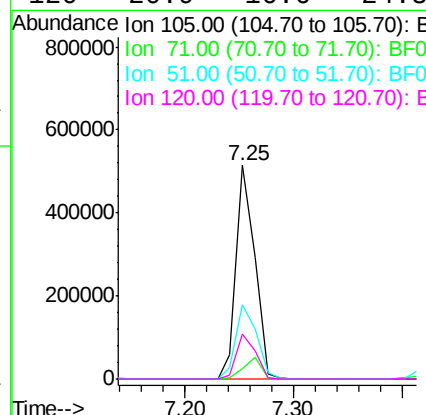
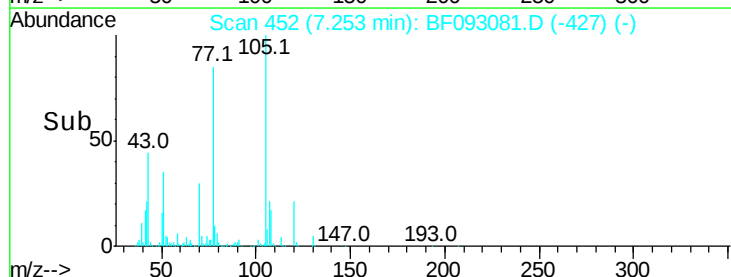
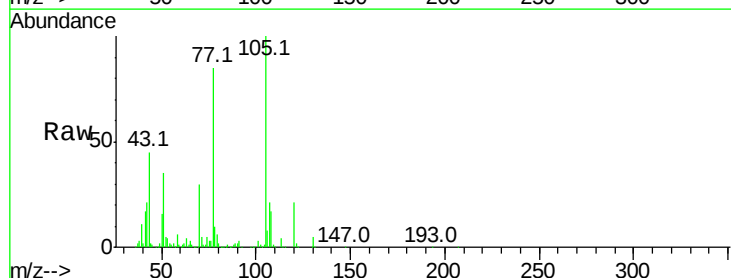
RT: 7.25 min Scan# 452

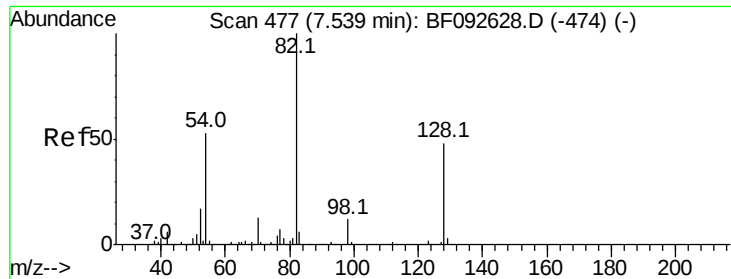
Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	3.2	4.8#	
51	34.7	26.2	39.4	
120	20.9	16.6	24.8	





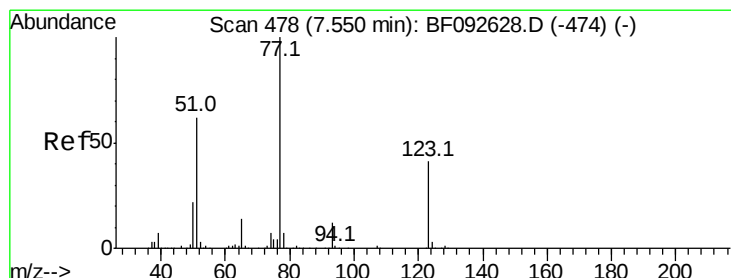
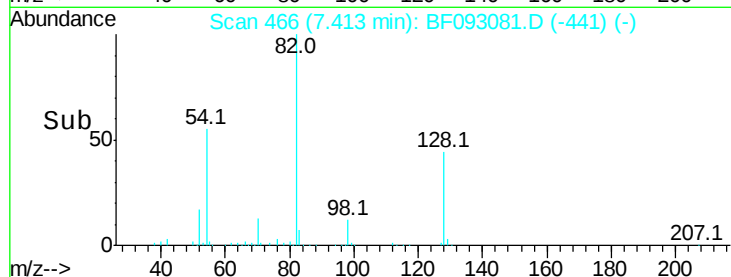
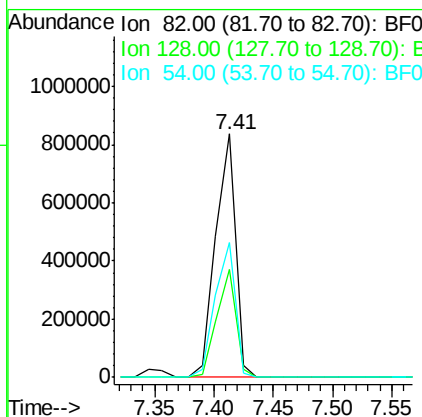
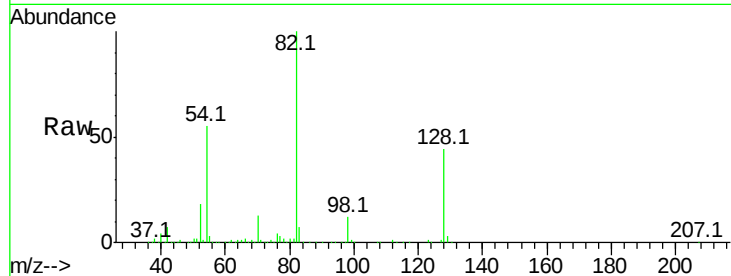
#23
 Nitrobenzene-d5
 Concen: 94.34 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampled :
 B1-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	55.4	39.5	59.3

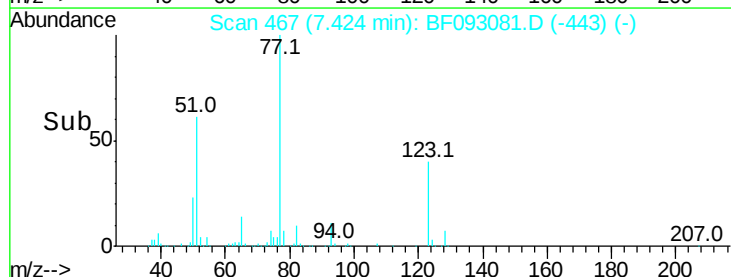
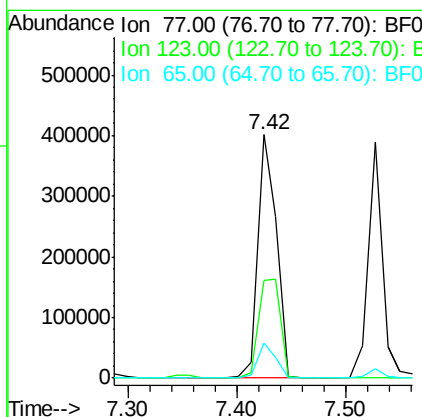
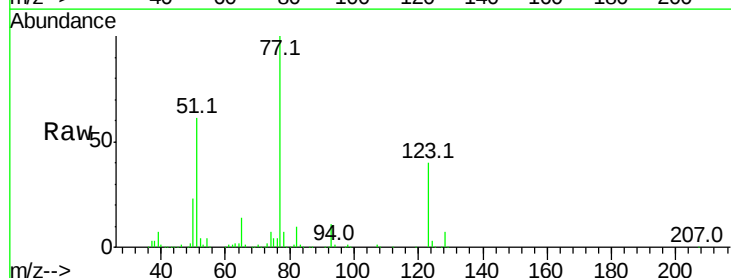
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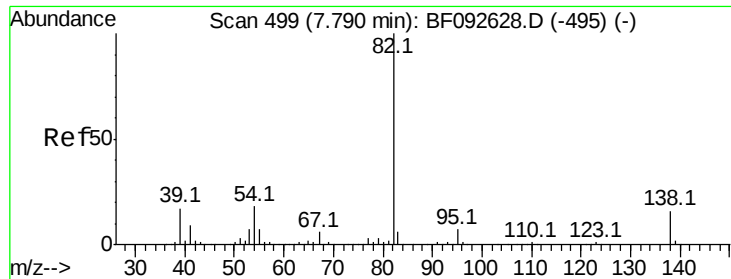
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#24
 Nitrobenzene
 Concen: 45.68 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	33.0	49.4
65	14.4	11.2	16.8





#25

Isophorone

Concen: 47.96 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

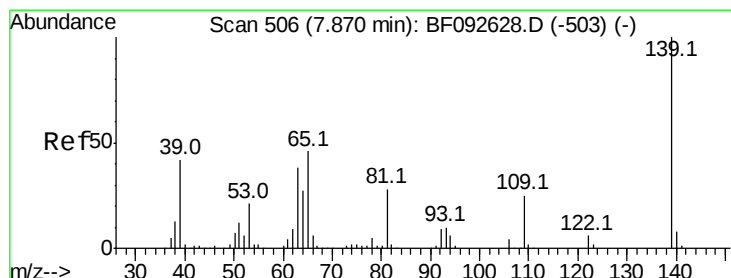
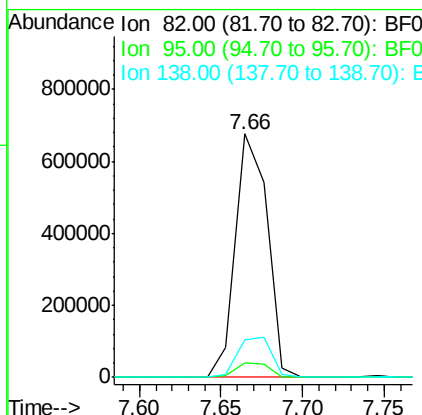
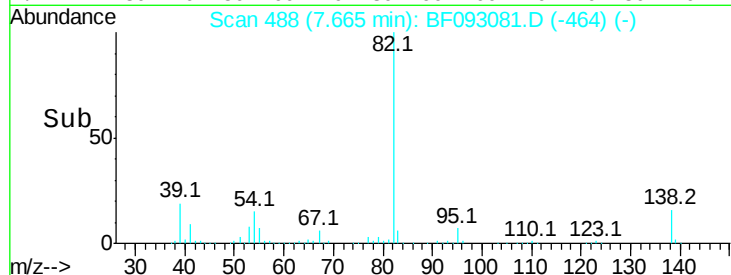
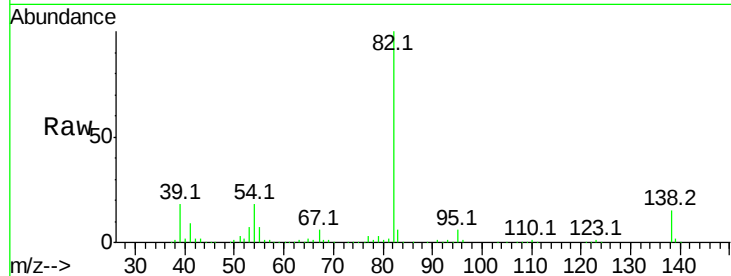
ClientSampled :

B1-1MS

Tot Ion:	82	Resp:	913465
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.6	8.4
138	15.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.37 ng

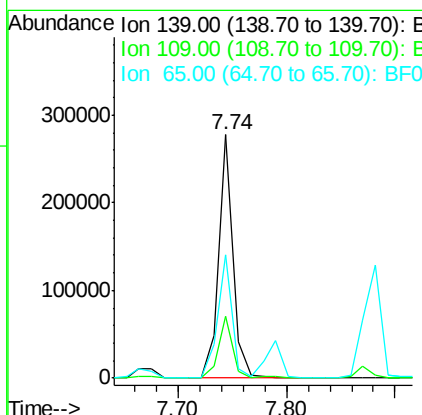
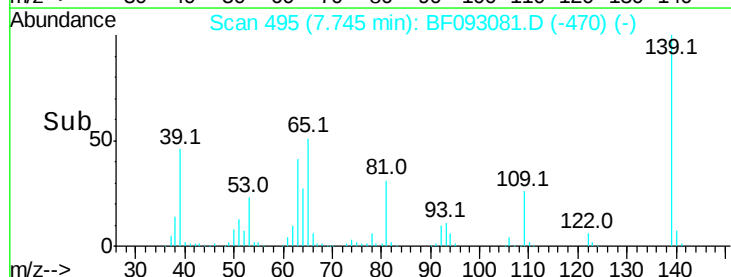
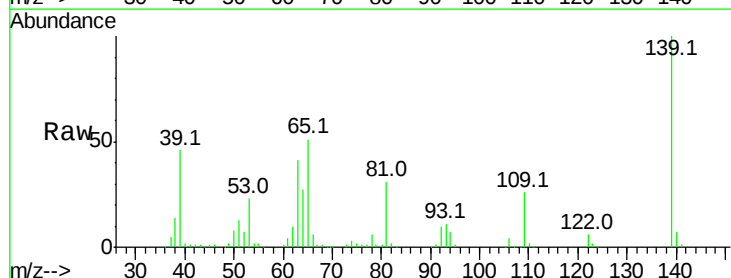
RT: 7.74 min Scan# 495

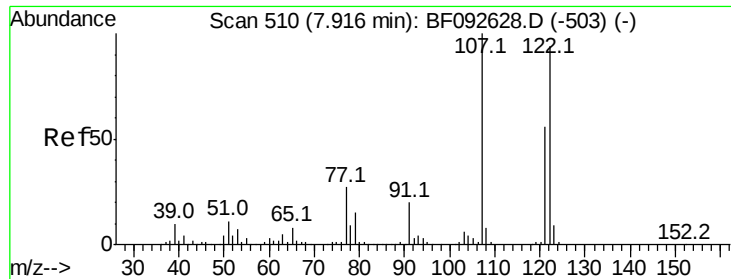
Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion:	139	Resp:	256278
Ion Ratio		Lower	Upper
139	100		
109	25.5	23.3	34.9
65	50.7	42.7	64.1





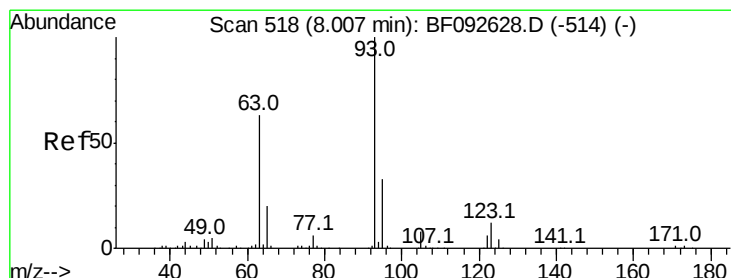
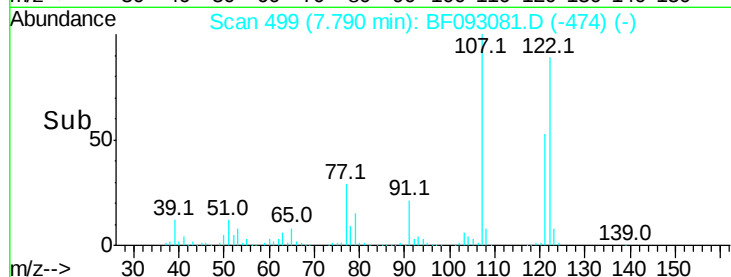
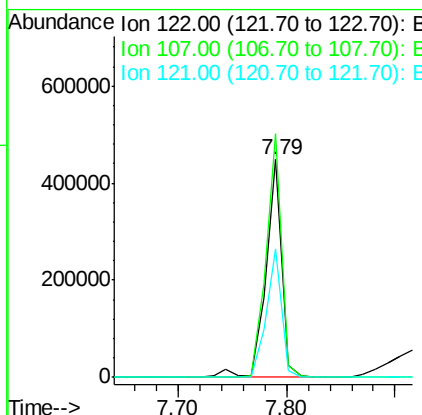
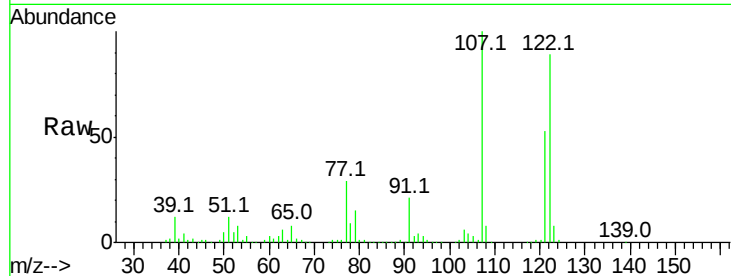
#27
 2,4-Dimethylphenol
 Concen: 52.35 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	458695		
107	112.0	94.1	141.1	
121	58.9	46.0	69.0	

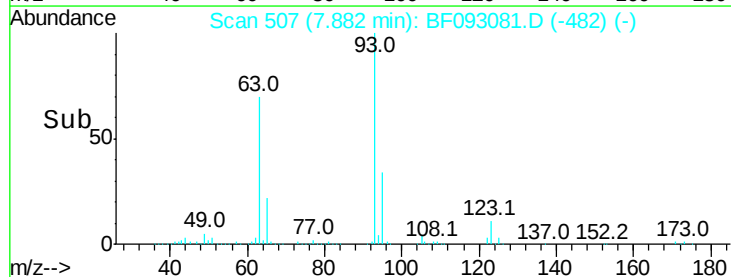
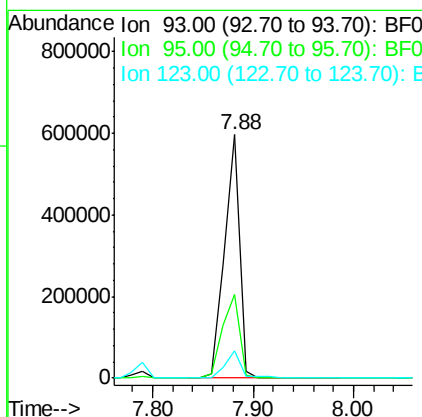
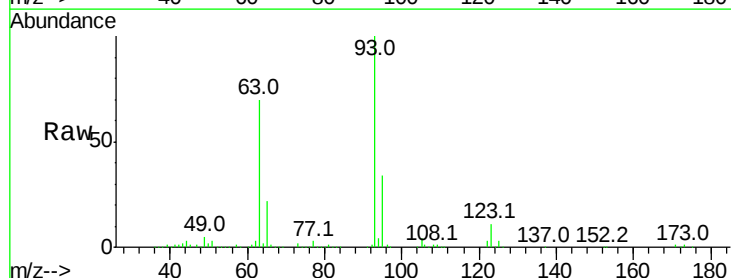
Manual Integrations
 APPROVED

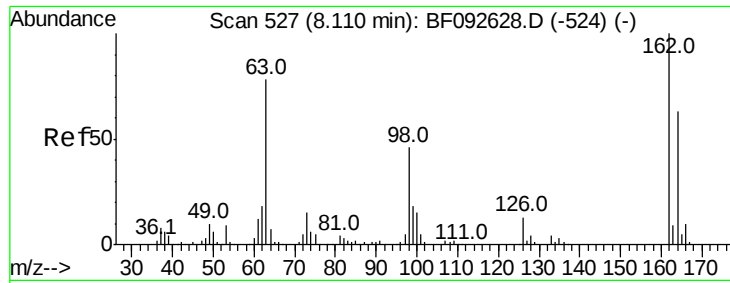
mohammad
 2/23/2017 1:16:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.31 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	621997		
95	34.1	26.5	39.7	
123	11.2	8.6	13.0	





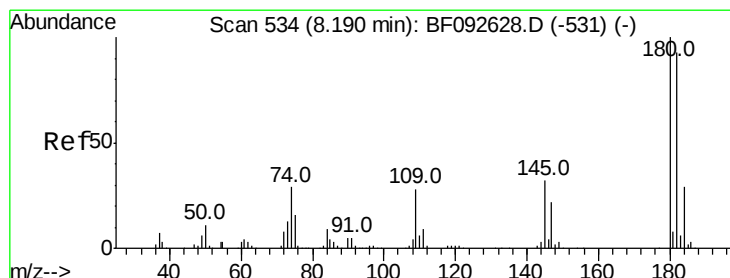
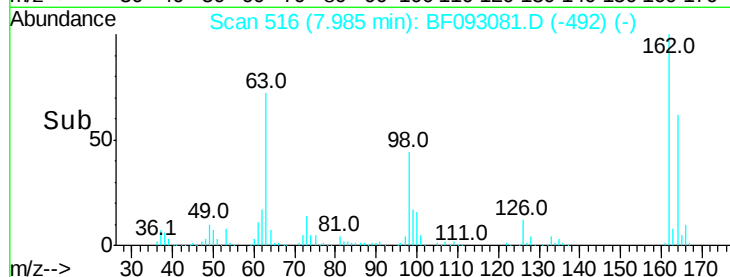
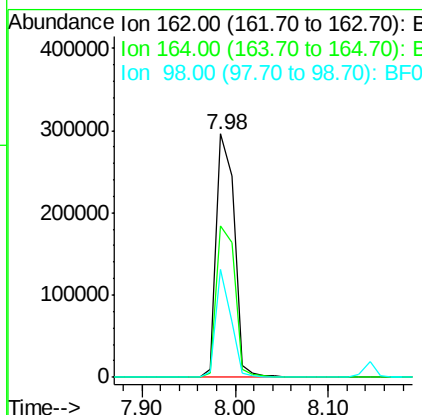
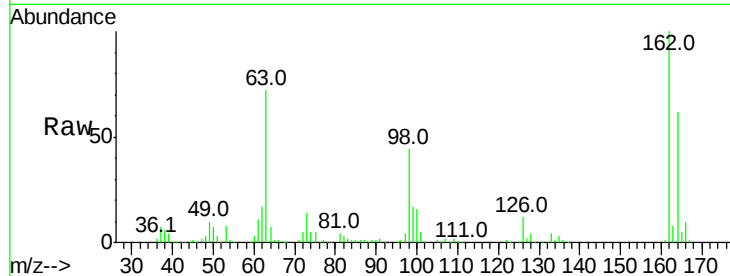
#29
2,4-Dichlorophenol
Concen: 48.46 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampled :
B1-1MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.2	46.8	86.8
98	44.2	9.1	49.1

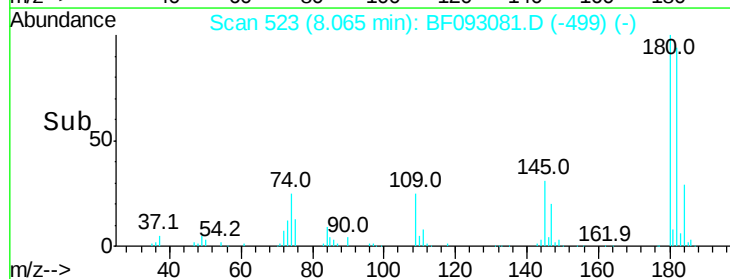
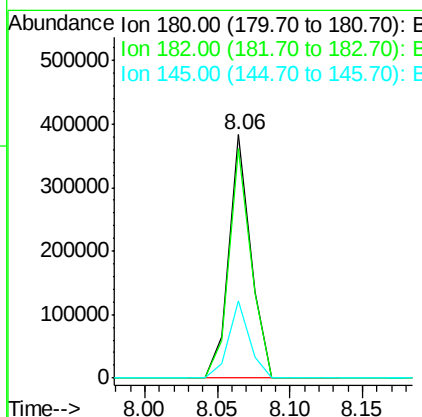
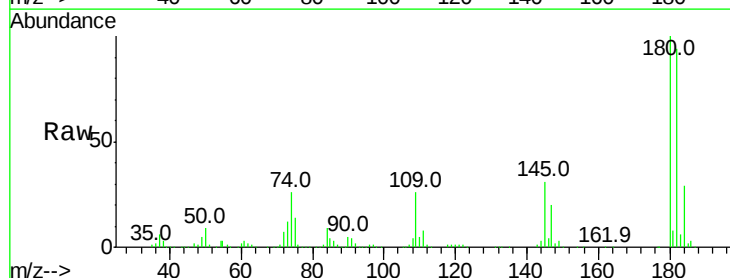
Manual Integrations
APPROVED

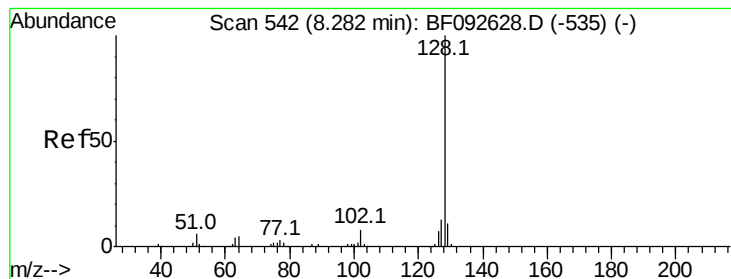
mohammad
2/23/2017 1:16:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.70 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	78.2	117.4
145	31.5	21.6	32.4





#31

Naphthalene

Concen: 43.74 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

B1-1MS

Tot Ion:128 Resp: 1262145

Ion Ratio Lower Upper

128 100

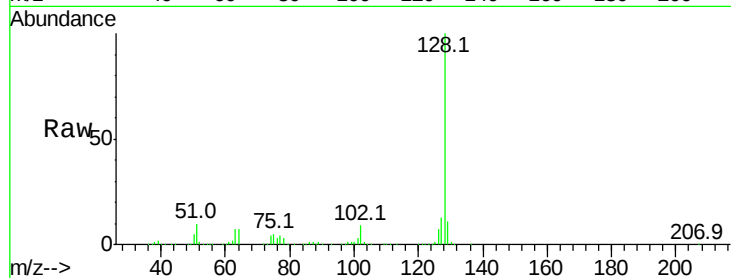
129 11.5 9.5 14.3

127 13.5 10.8 16.2

Manual Integrations
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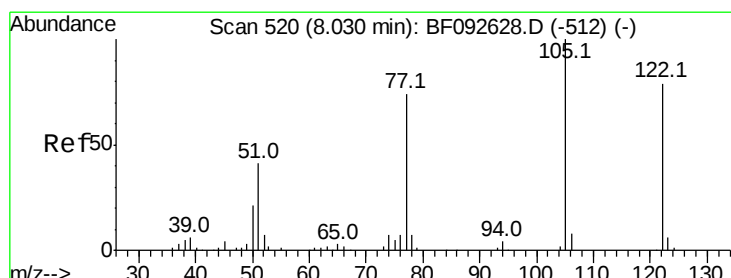
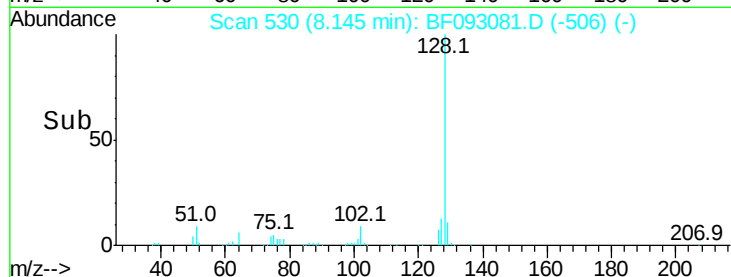
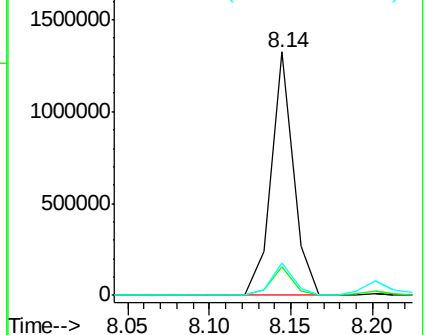
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.71 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

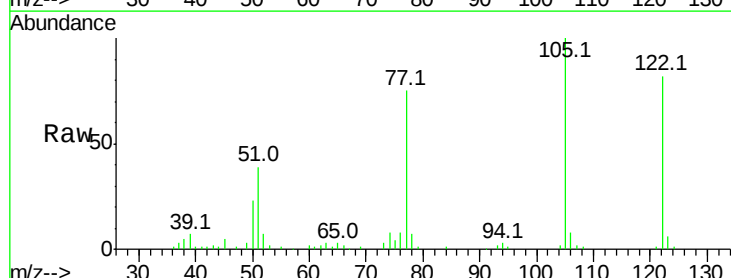
Tgt Ion:122 Resp: 131563

Ion Ratio Lower Upper

122 100

105 122.5 107.2 147.2

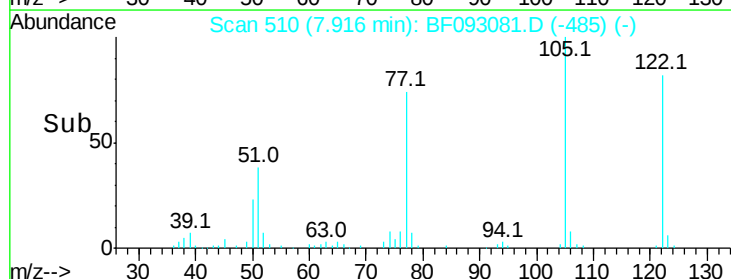
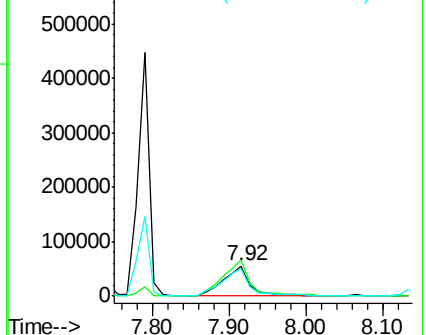
77 92.5 74.5 114.5

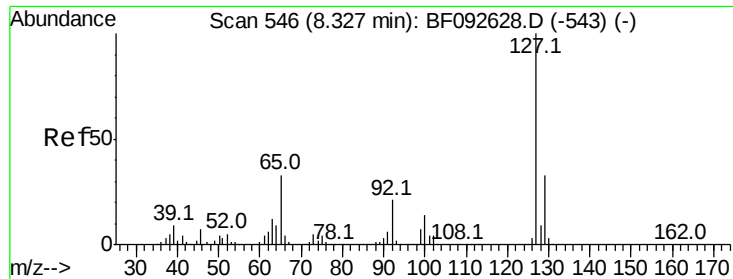


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





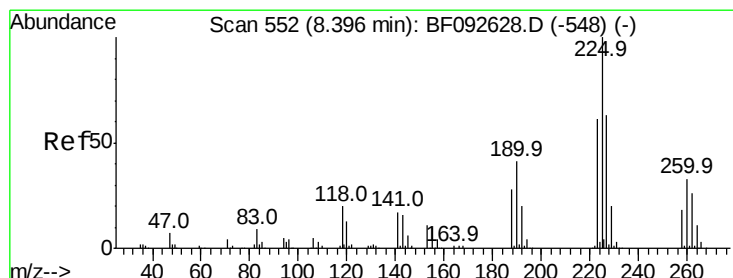
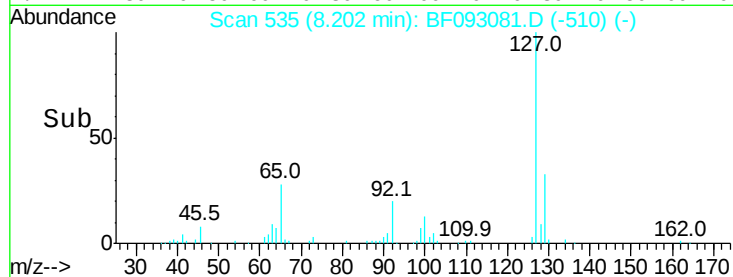
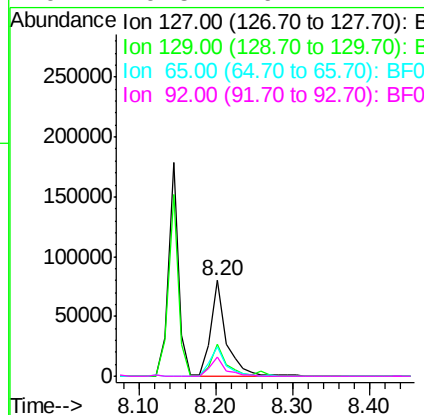
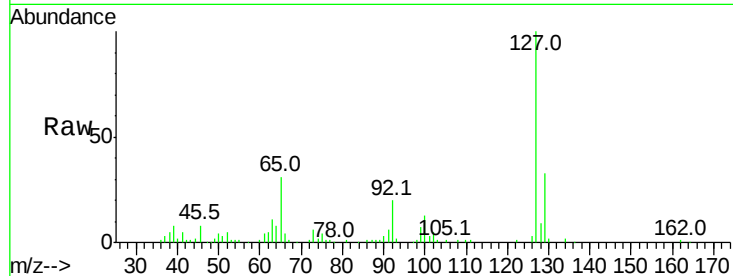
#33
4-Chloroaniline
Concen: 9.96 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.3	39.5		
65	30.8	25.8	38.8		
92	19.5	16.1	24.1		

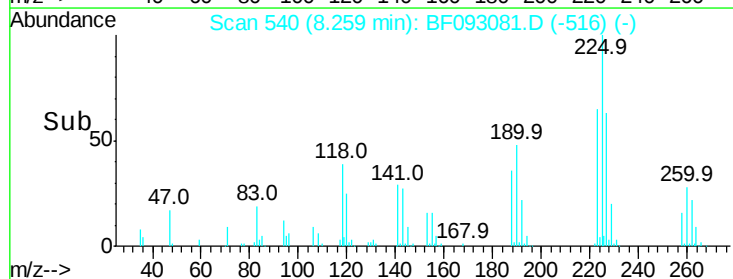
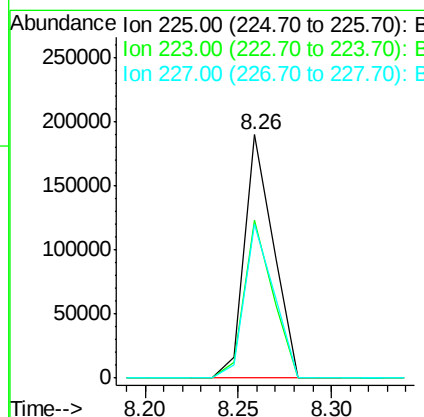
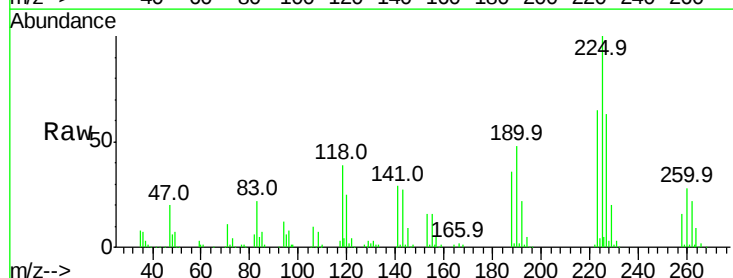
Manual Integrations
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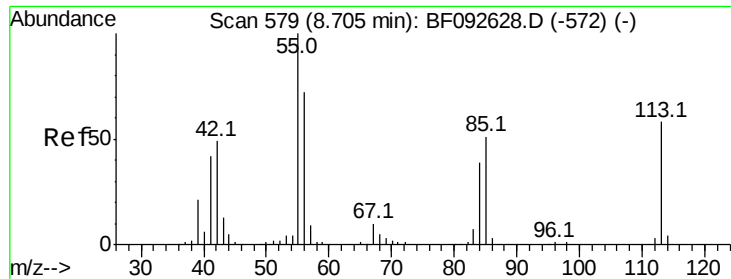
mohammad
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#34
Hexachlorobutadiene
Concen: 42.37 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	51.0	76.6		
227	63.4	50.6	76.0		





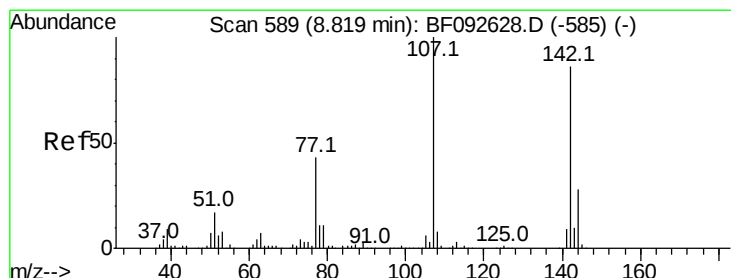
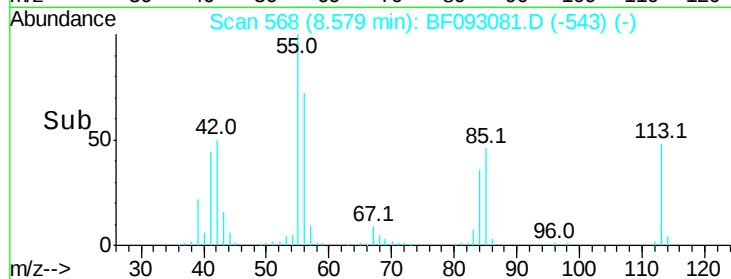
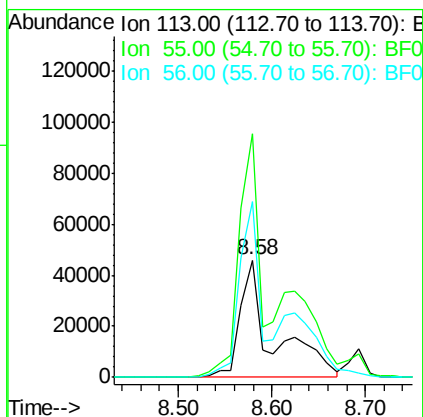
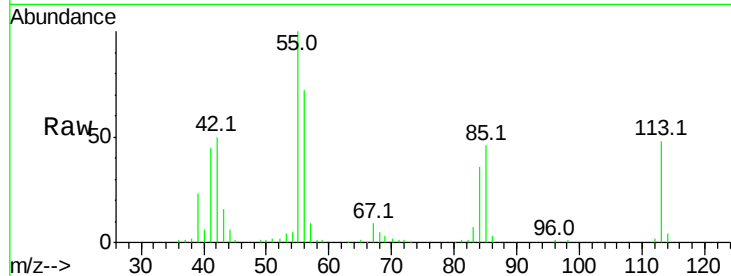
#35
 Caprolactam
 Concen: 43.03 ng/ml
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleID :
 B1-1MS

Tot Ion:113 Resp: 110608
 Ion Ratio Lower Upper
 113 100
 55 207.8 119.2 159.2#
 56 149.9 83.8 123.8#

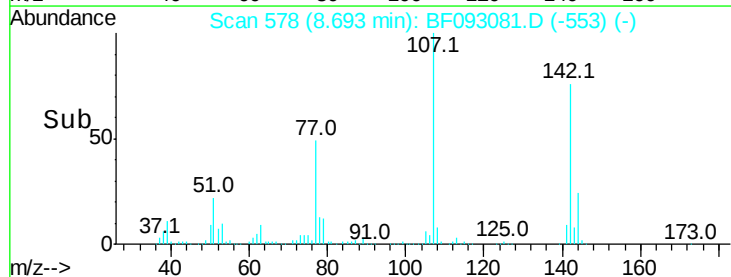
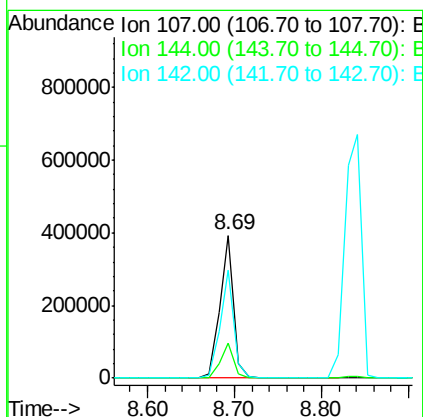
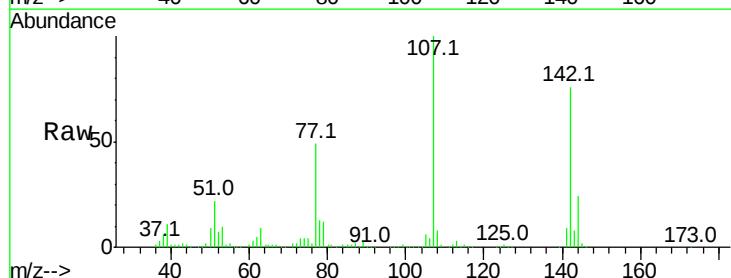
Manual Integrations
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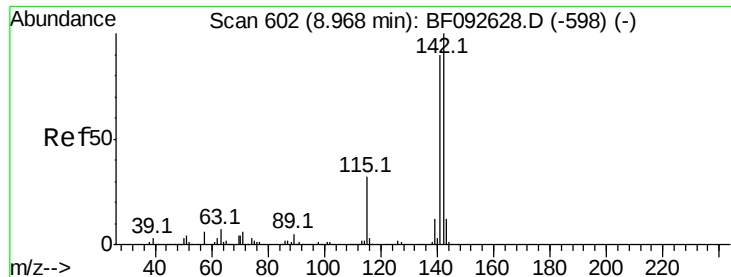
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 51.32 ng/ml
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion:107 Resp: 437249
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 75.6 59.0 88.6





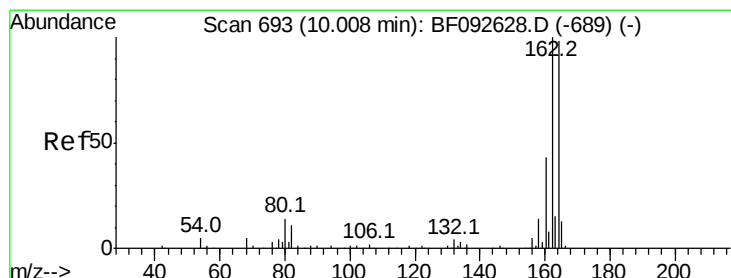
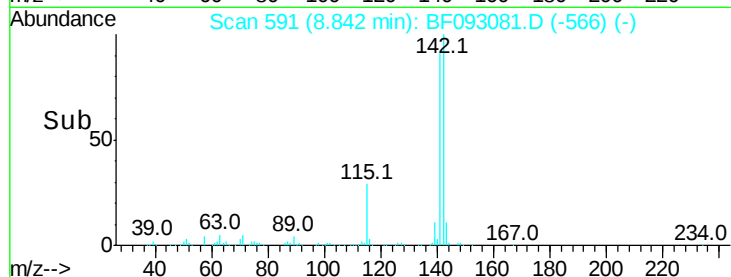
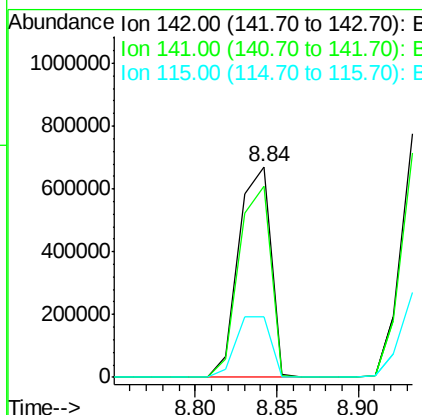
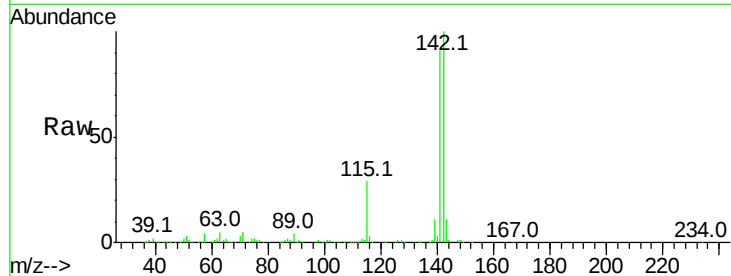
#37
2-Methylnaphthalene
Concen: 49.34 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampled :
B1-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	29.0	28.3	42.5

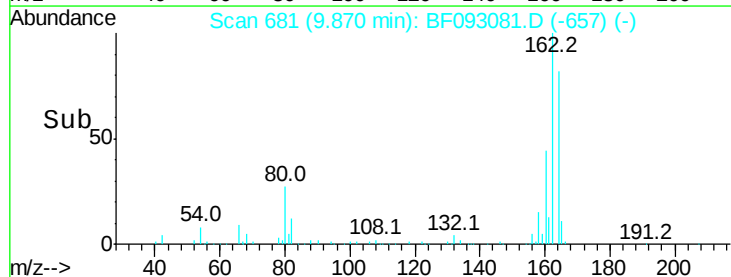
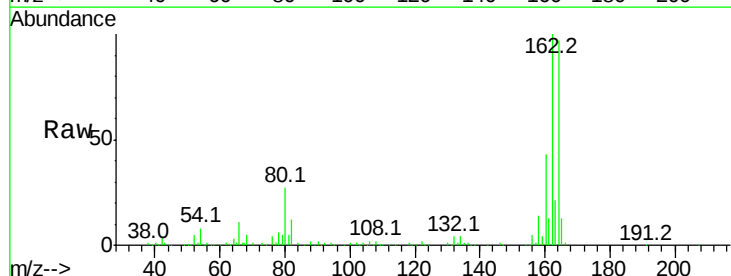
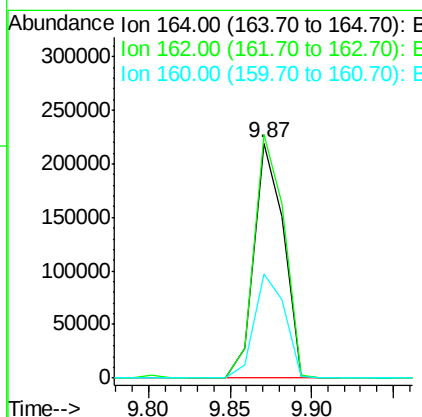
Manual Integrations
APPROVED

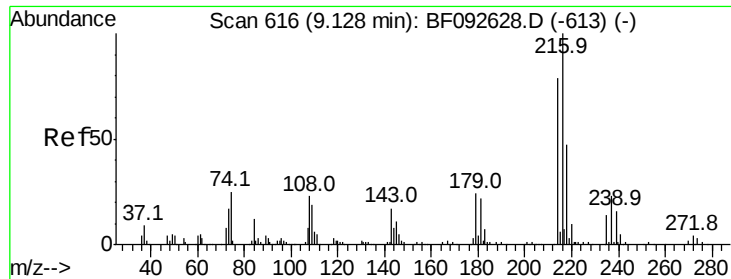
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	44.4	36.9	55.3





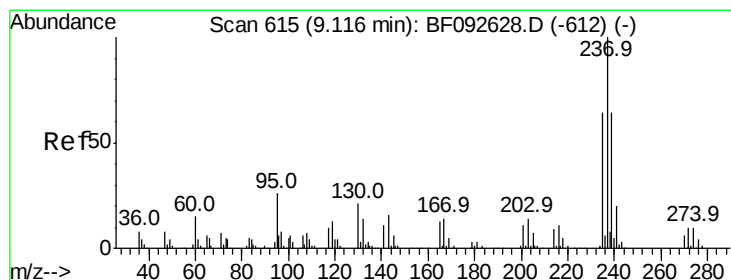
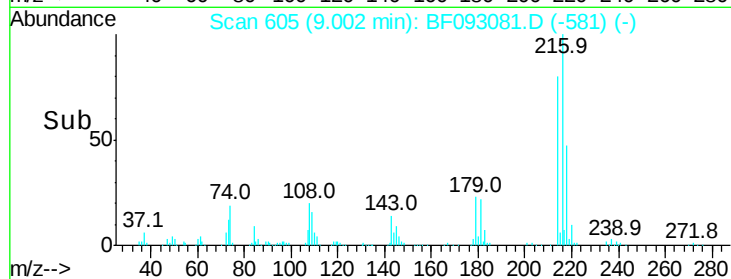
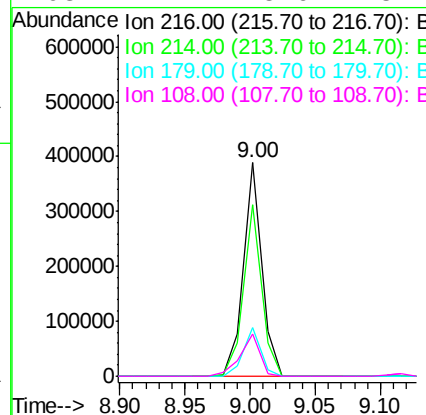
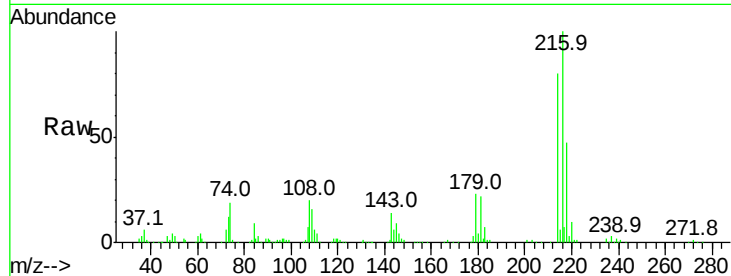
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.98 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	377732		
214	79.0	63.4	95.0	
179	21.6	17.4	26.2	
108	21.2	15.6	23.4	

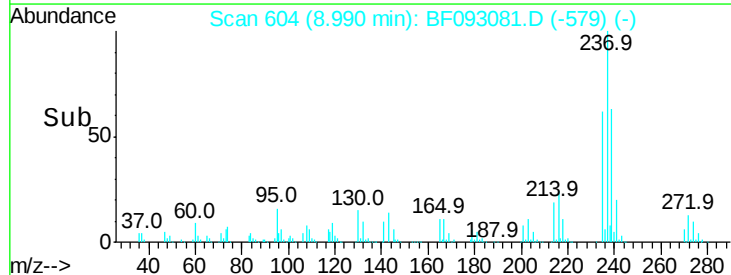
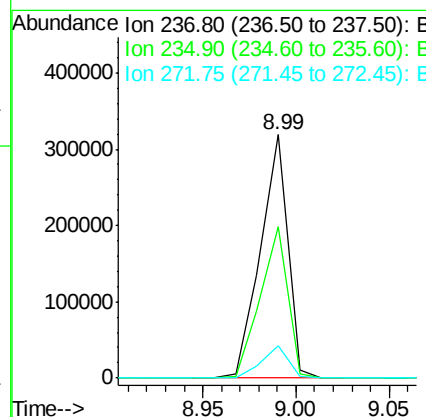
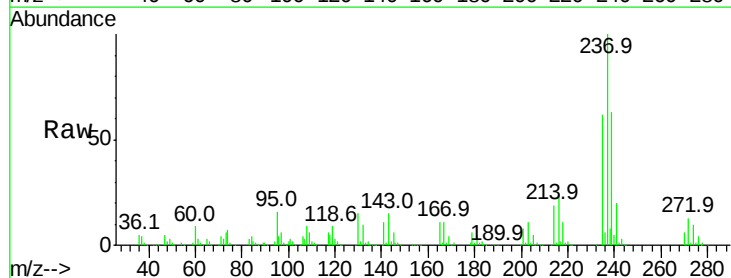
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 92.43 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	321614		
235	62.1	41.2	81.2	
272	13.1	0.0	35.4	





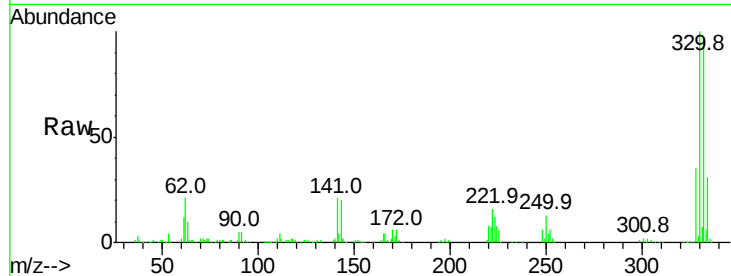
#41
 2,4,6-Tribromophenol
 Concen: 167.21 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampled :
 B1-1MS

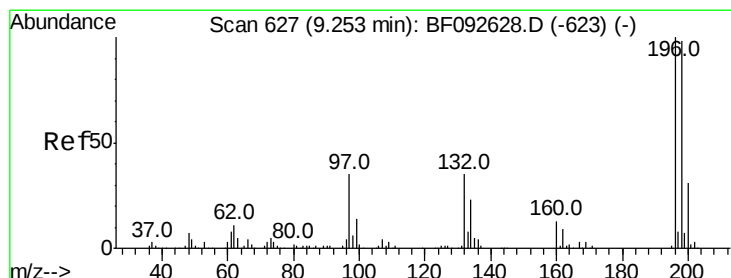
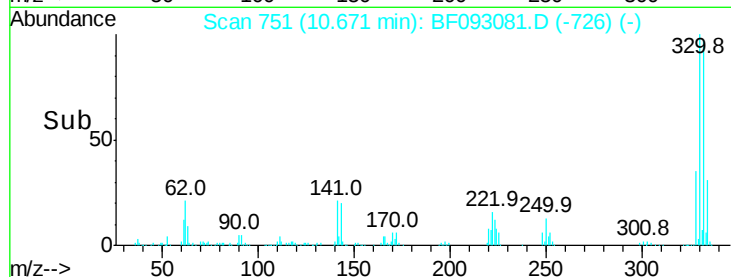
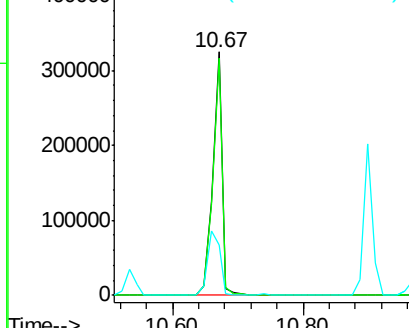
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.4	116.2	
141	35.2	34.1	51.1	

Manual Integrations
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 2/23/2017 1:16:06 PM



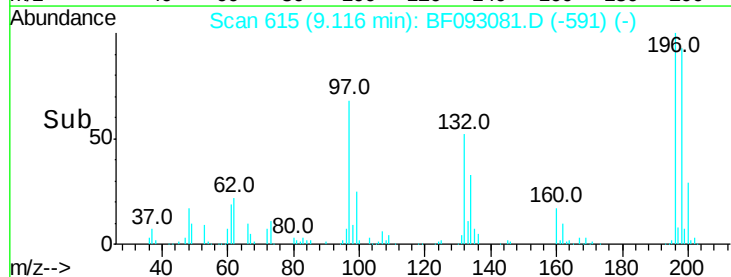
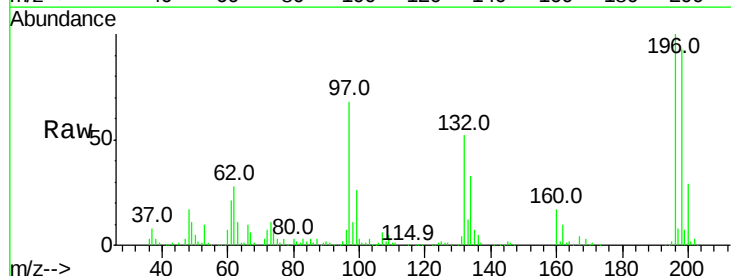
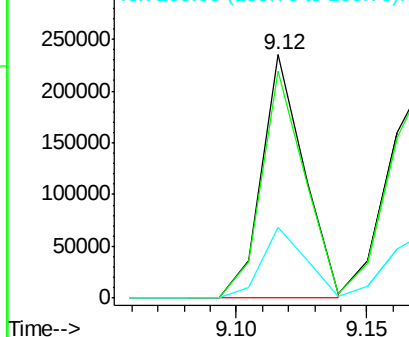
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

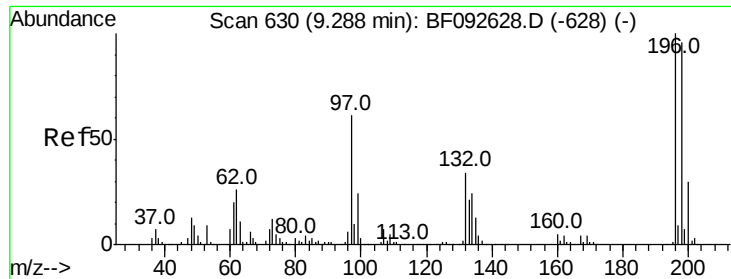


#42
 2,4,6-Trichlorophenol
 Concen: 52.54 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.3	82.1	123.1	
200	29.2	27.0	40.4	

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





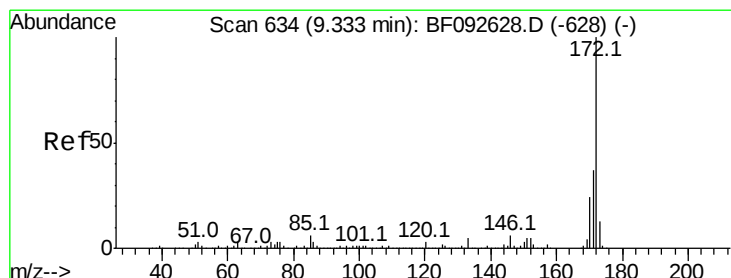
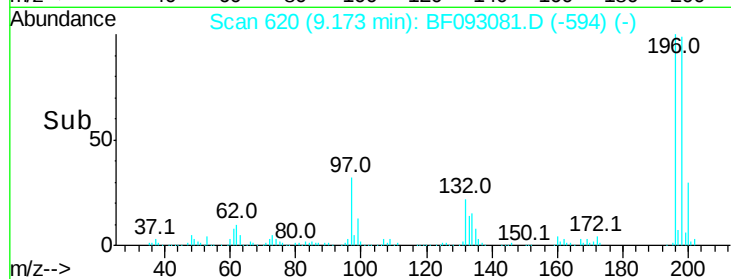
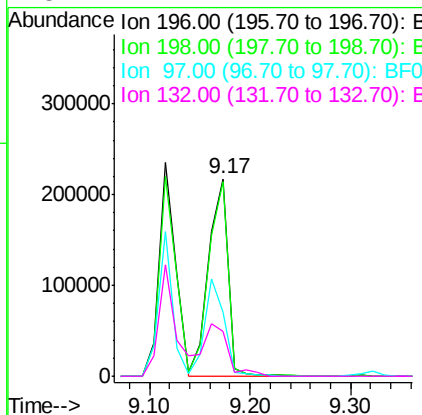
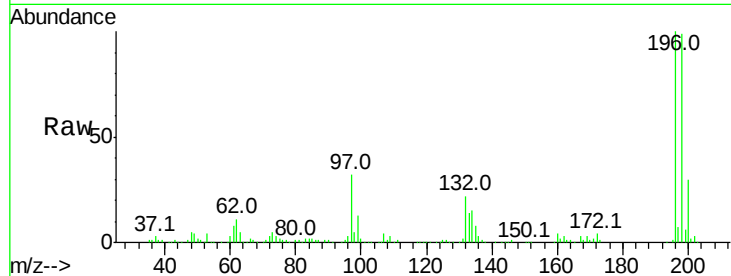
#43
 2,4,5-Trichlorophenol
 Concen: 52.67 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	292452		
198	98.9	79.4	119.2	
97	32.5	51.5	77.3#	
132	22.4	27.4	41.2#	

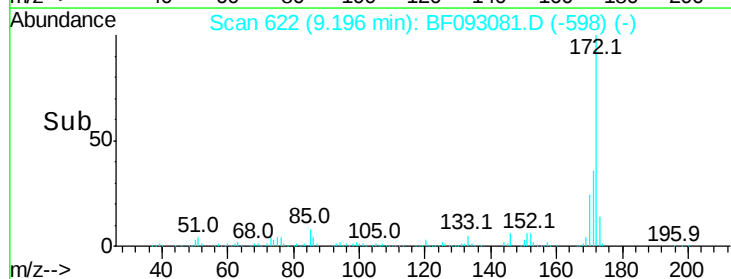
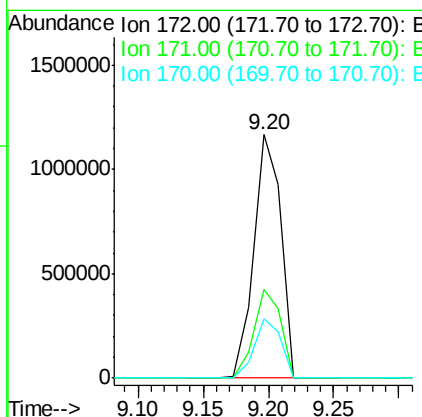
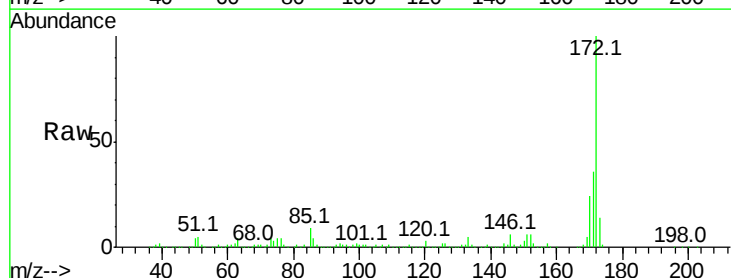
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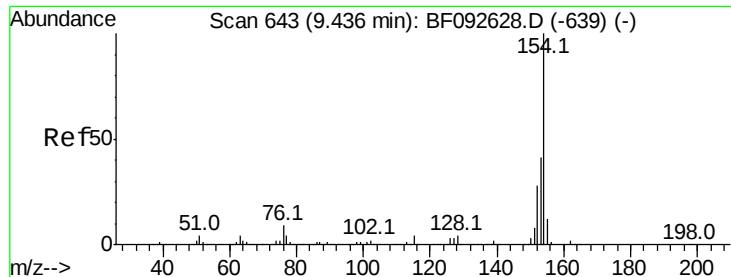
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#44
 2-Fluorobiphenyl
 Concen: 110.83 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1680797		
171	36.2	29.4	44.0	
170	24.2	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 51.04 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

B1-1MS

Tot Ion:154 Resp: 1015381

Ion Ratio Lower Upper

154 100

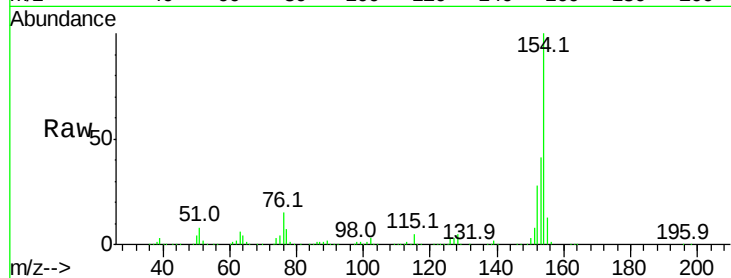
153 41.4 20.9 60.9

76 15.2 0.0 30.5

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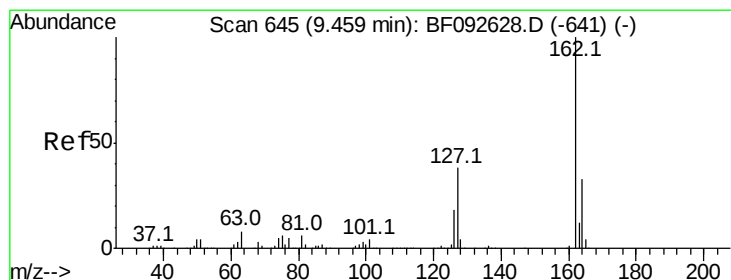
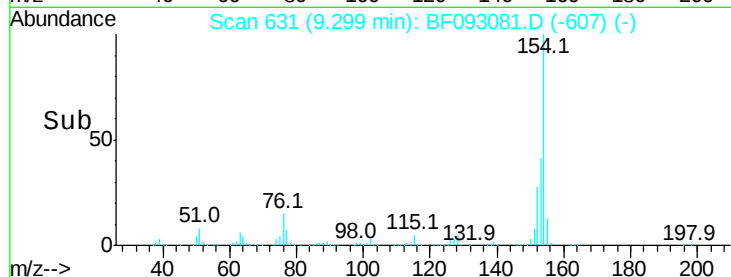
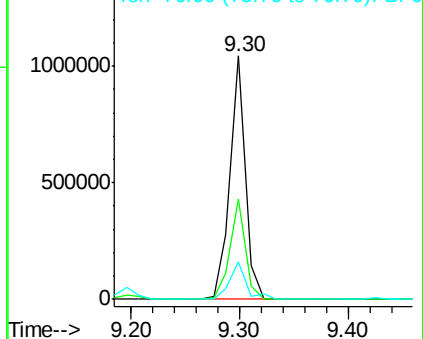
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 52.64 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

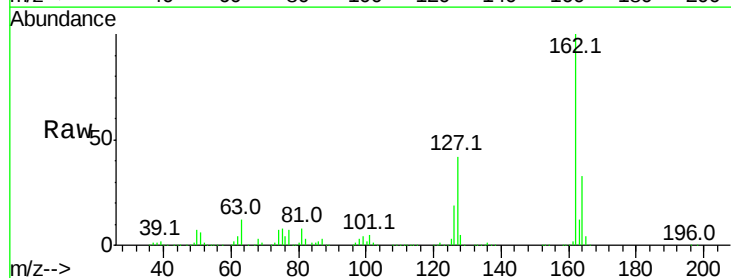
Tgt Ion:162 Resp: 819162

Ion Ratio Lower Upper

162 100

127 41.7 30.7 46.1

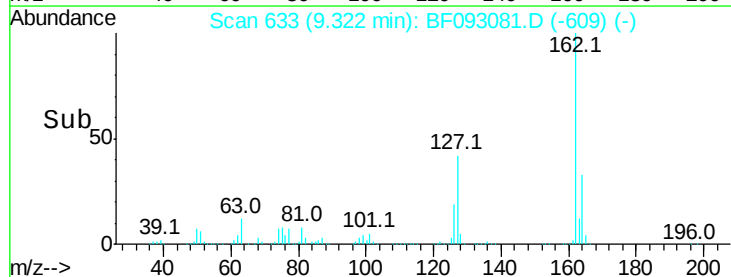
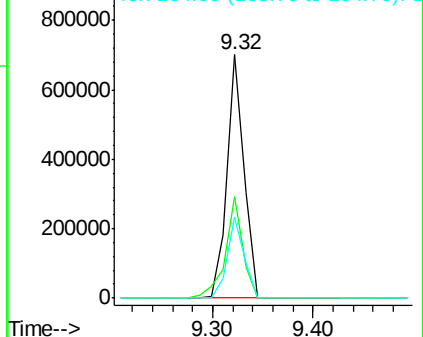
164 33.4 27.6 41.4

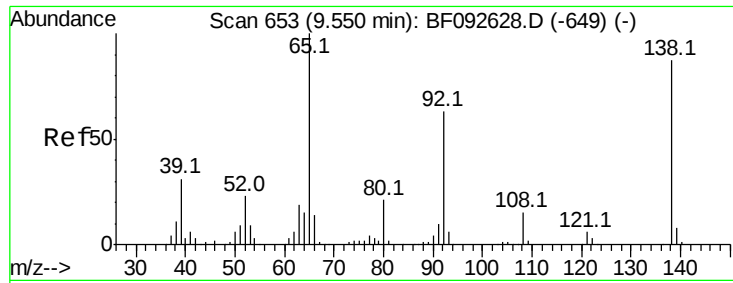


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





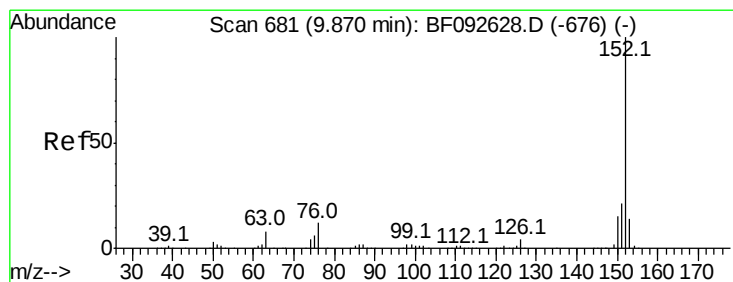
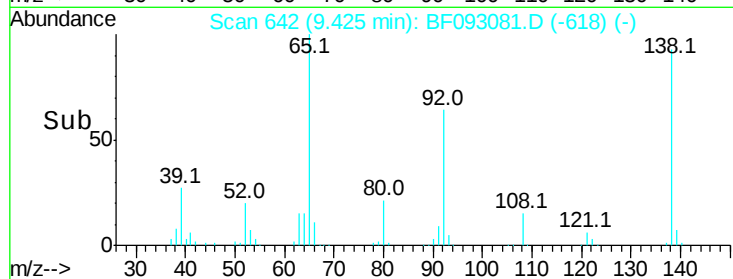
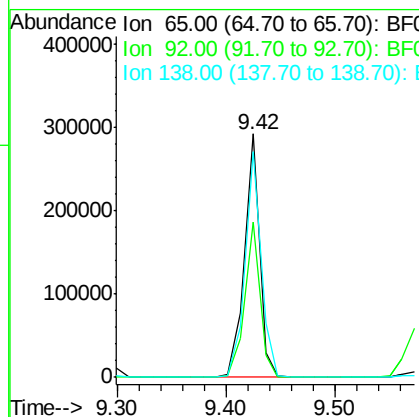
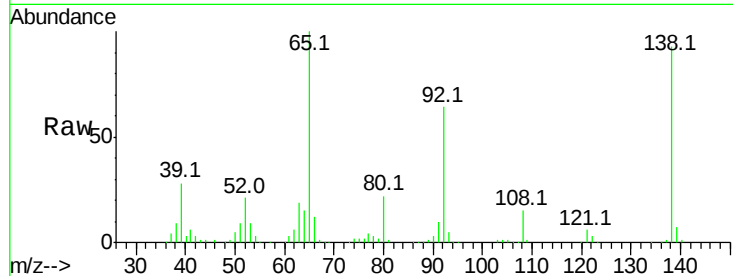
#47
 2-Nitroaniline
 Concen: 53.34 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion:	65	Resp:	279097
Ion Ratio	Lower	Upper	
65	100		
92	64.0	53.9	80.9
138	92.8	76.8	115.2

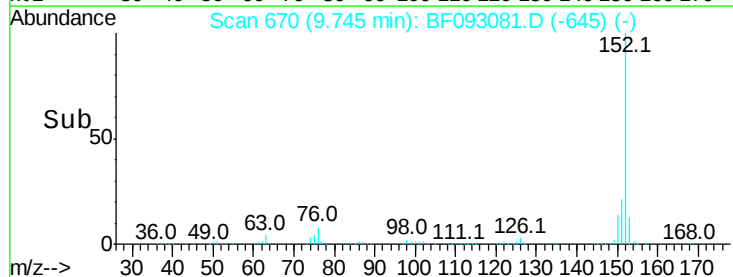
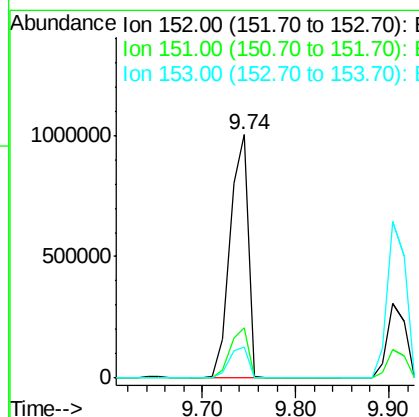
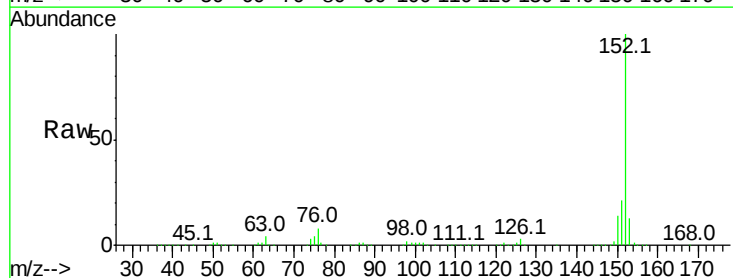
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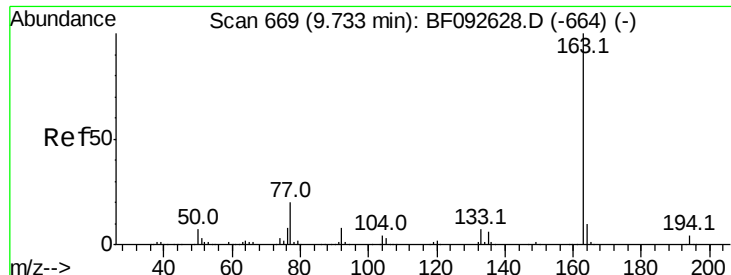
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#48
 Acenaphthylene
 Concen: 50.62 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion:	152	Resp:	1361006
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	12.8	11.4	17.2





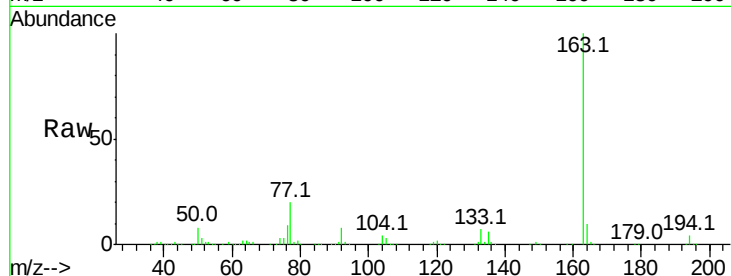
#49
Dimethylphthalate
Concen: 55.55 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampled :
B1-1MS

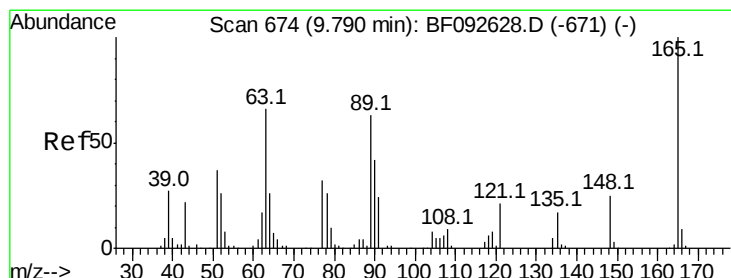
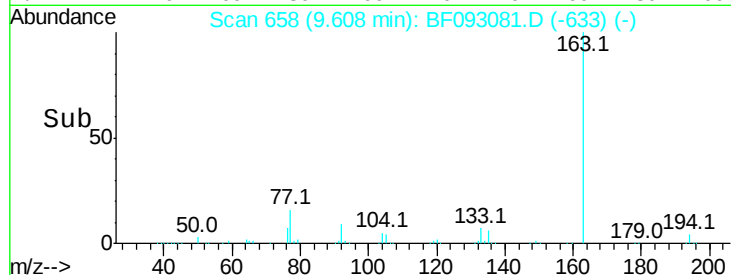
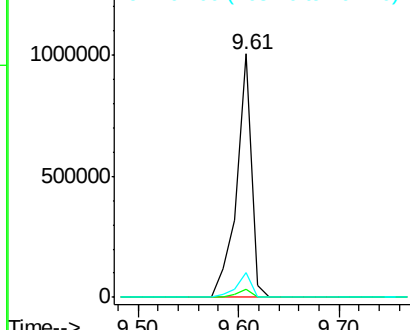
Tot Ion:163 Resp: 1028006
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0

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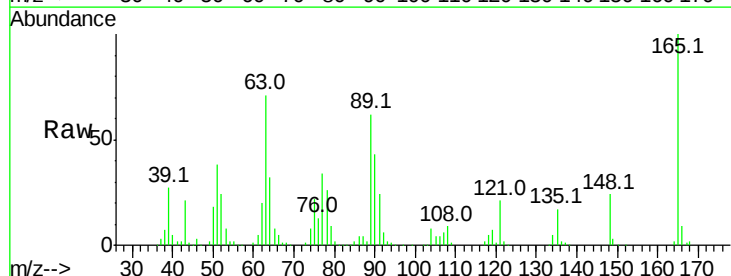


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

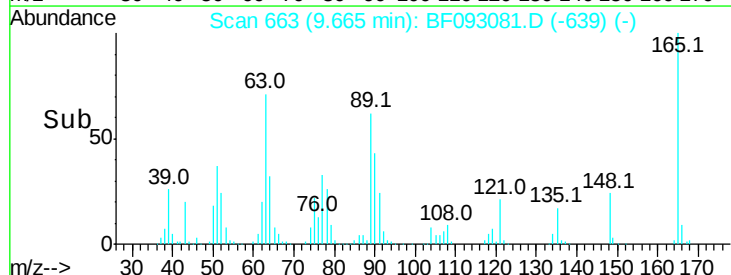
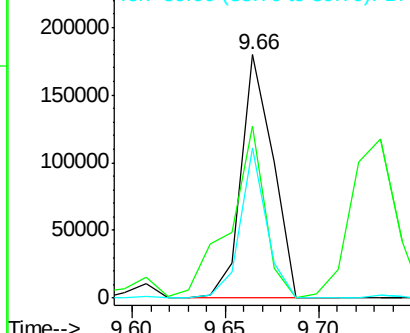


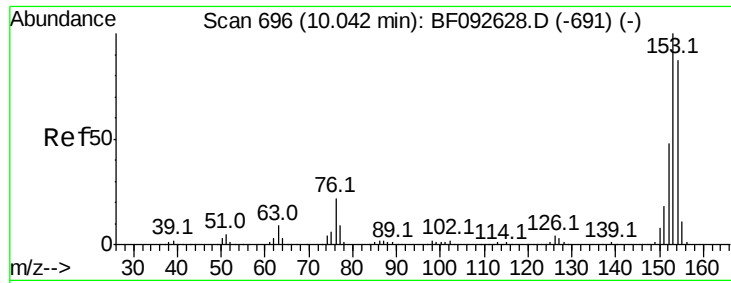
#50
2,6-Dinitrotoluene
Concen: 52.92 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion:165 Resp: 211476
Ion Ratio Lower Upper
165 100
63 70.8 36.2 54.4#
89 61.9 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: 48.72 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

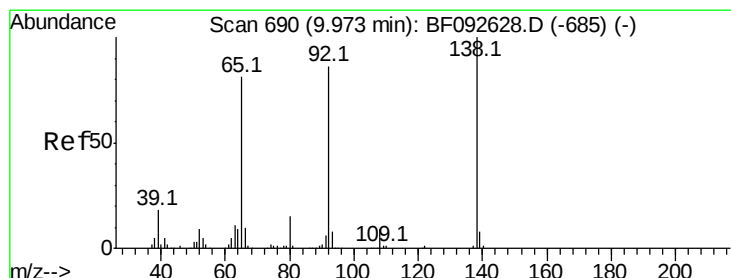
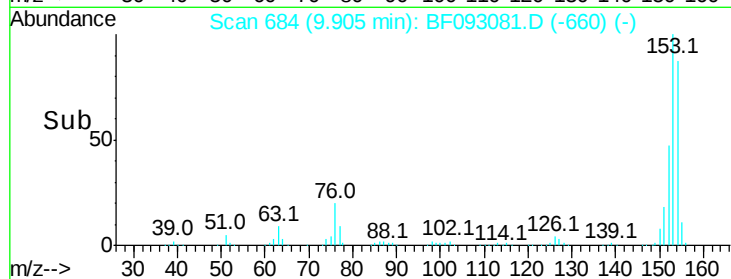
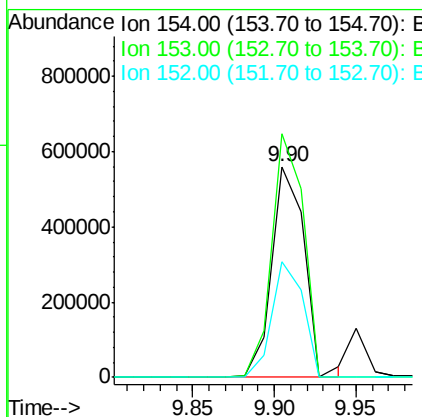
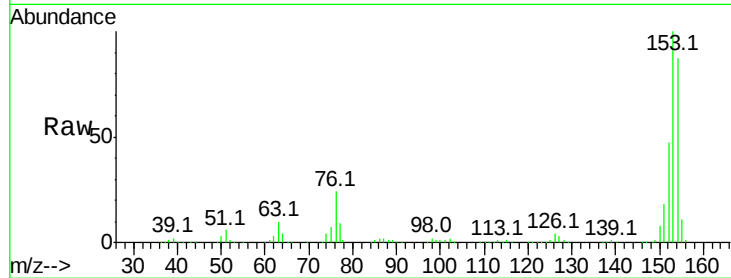
ClientSampleId :

B1-1MS

Tot Ion:	154	Resp:	783041
Ion Ratio	Lower	Upper	
154	100		
153	115.5	88.6	133.0
152	54.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 23.99 ng

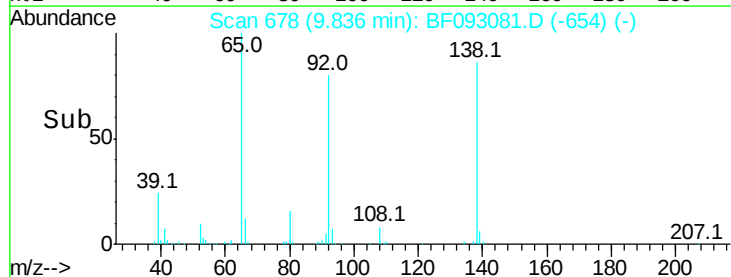
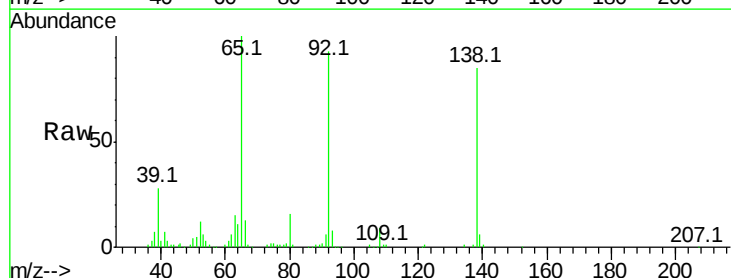
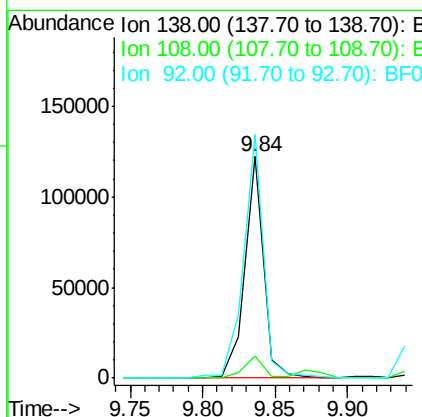
RT: 9.84 min Scan# 678

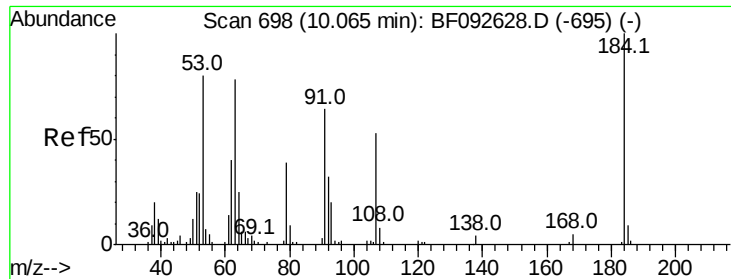
Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion:	138	Resp:	109700
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.5	12.7
92	110.0	97.8	146.8





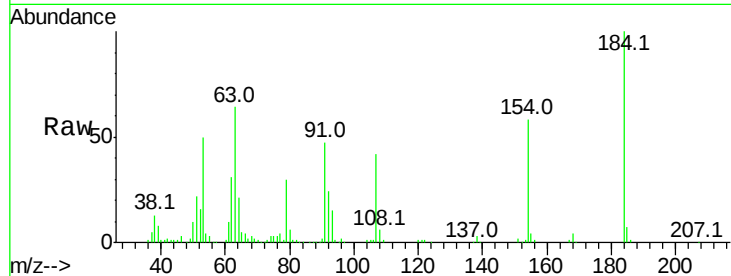
#53
 2,4-Dinitrophenol
 Concen: 103.83 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

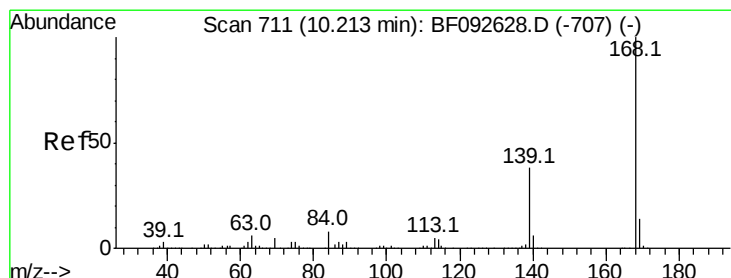
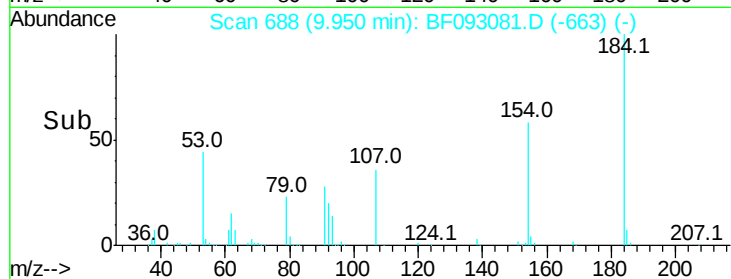
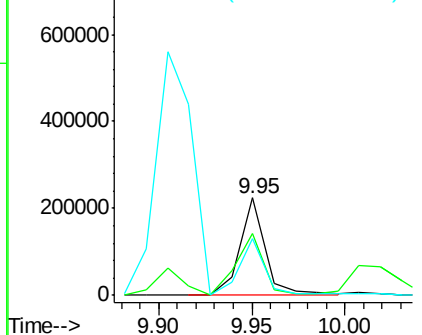
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	63.7	28.4	42.6#	
154	57.9	44.3	66.5	

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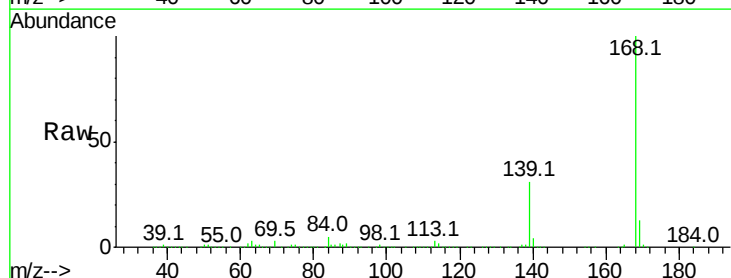


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

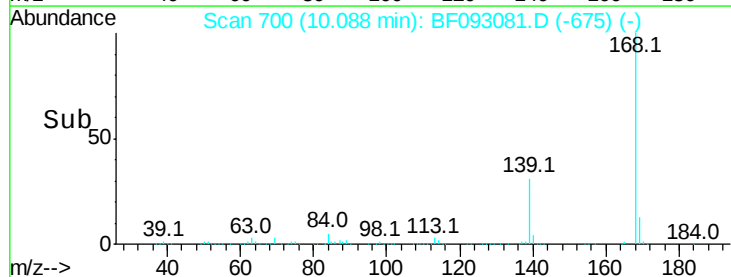
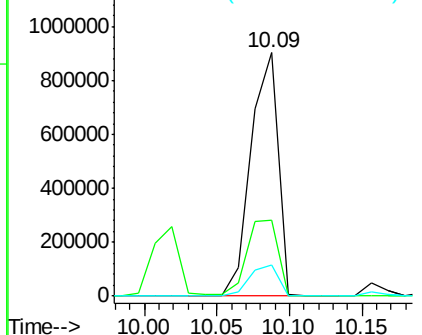


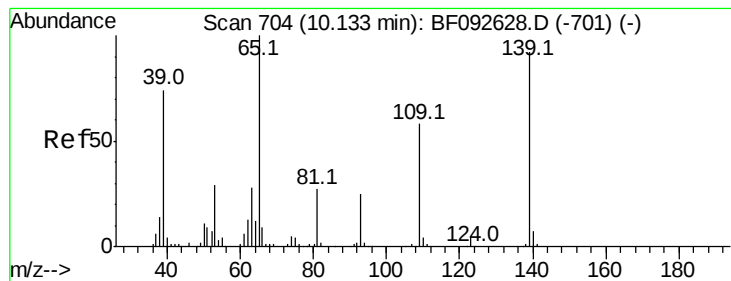
#54
 Dibenzofuran
 Concen: 54.74 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	31.3	32.6	49.0#	
169	13.0	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: 101.80 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

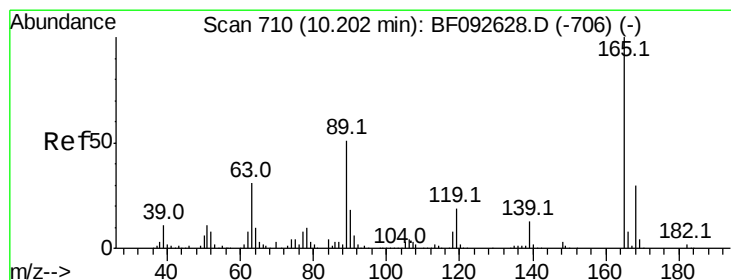
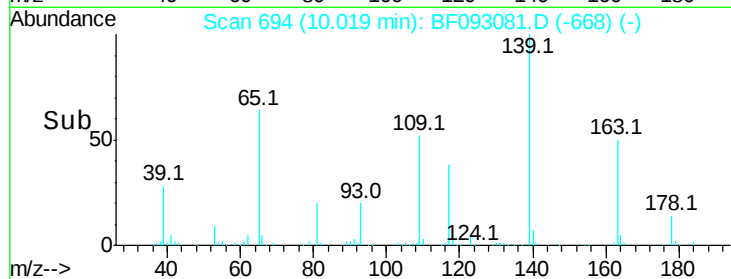
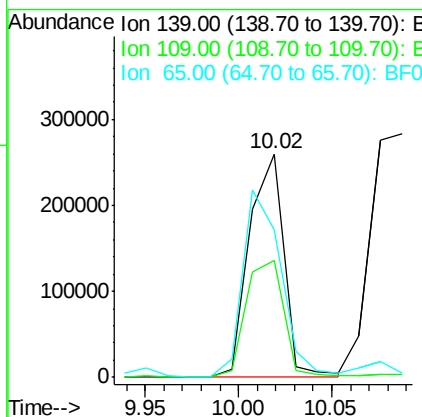
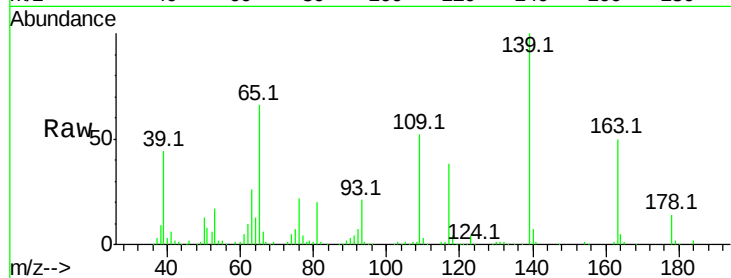
ClientSampled :

B1-1MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.4	52.2	92.2
65	66.0	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 56.09 ng

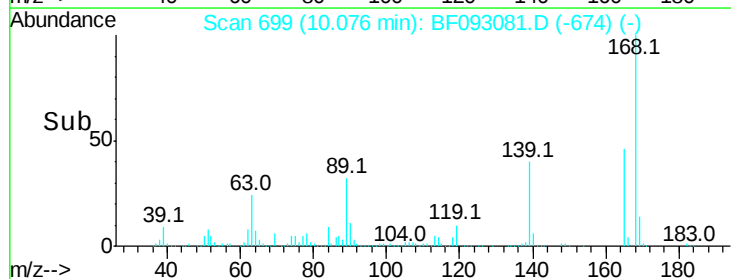
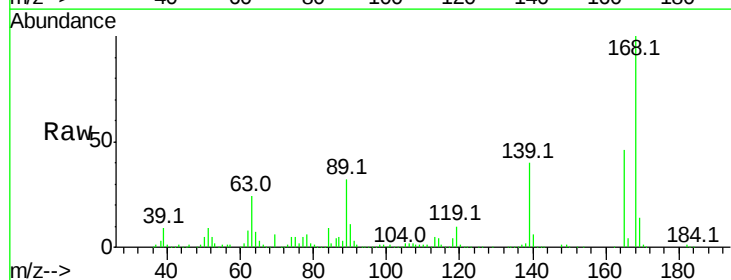
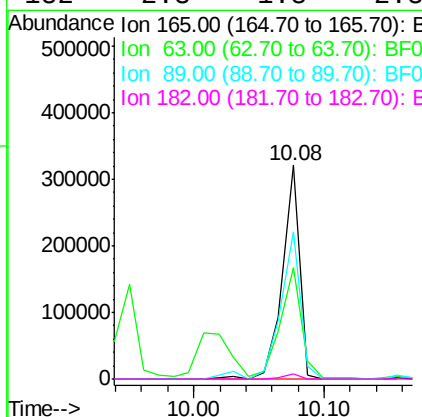
RT: 10.08 min Scan# 699

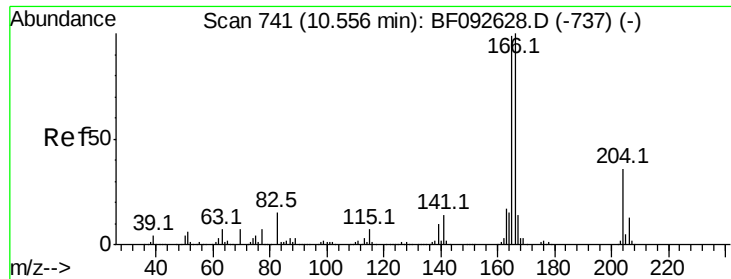
Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.2	40.2	60.4
89	68.7	62.5	93.7
182	2.3	1.8	2.8





#57

Fluorene

Concen: 50.38 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

B1-1MS

Tot Ion:166 Resp: 833376

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

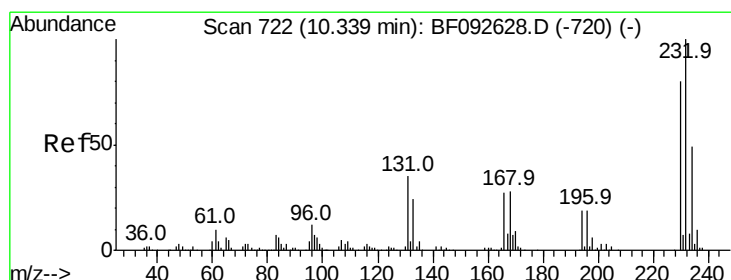
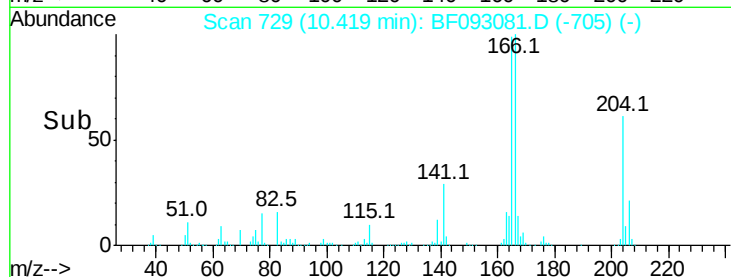
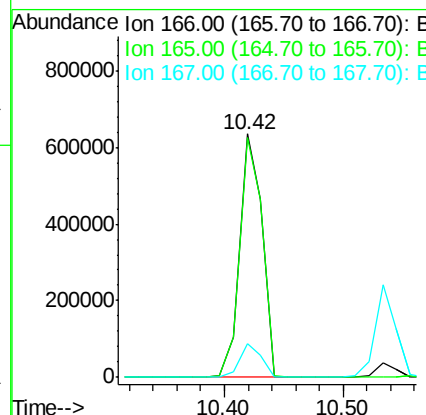
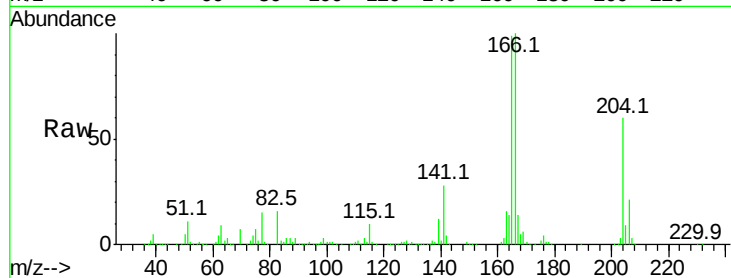
167 13.7 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.75 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion:232 Resp: 225034

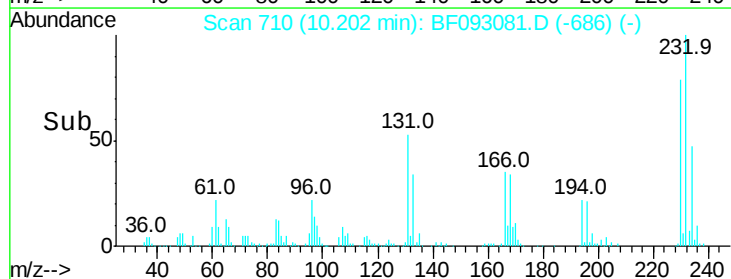
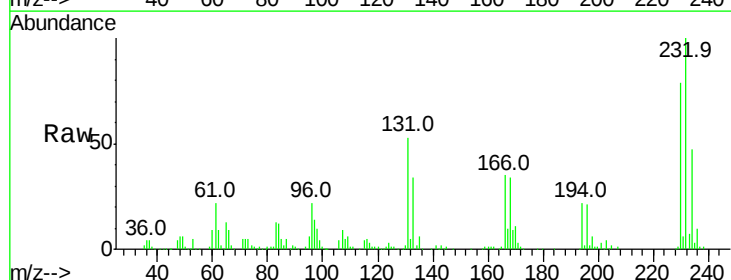
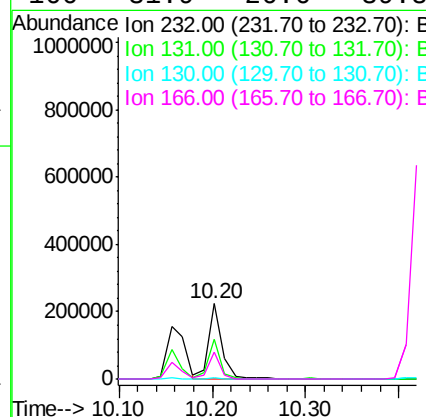
Ion Ratio Lower Upper

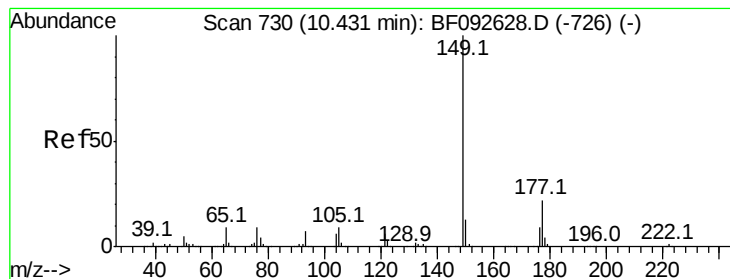
232 100

131 48.3 40.1 60.1

130 2.3 1.8 2.8

166 31.9 26.6 39.8





#59

Diethylphthalate

Concen: 58.54 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampled :

B1-1MS

Tot Ion:149 Resp: 1020846

Ion Ratio Lower Upper

149 100

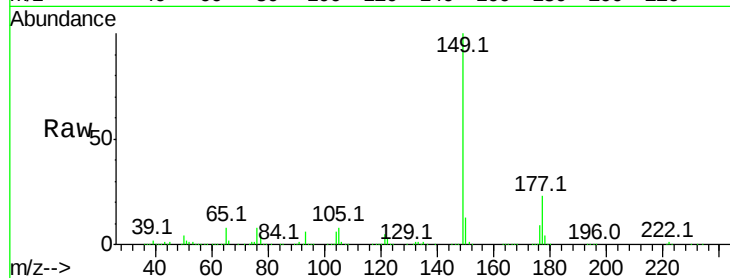
177 23.3 16.6 25.0

150 12.6 10.4 15.6

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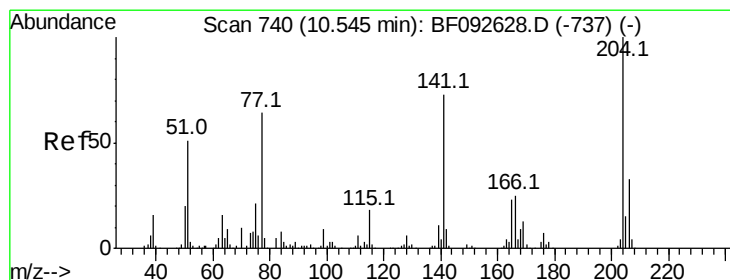
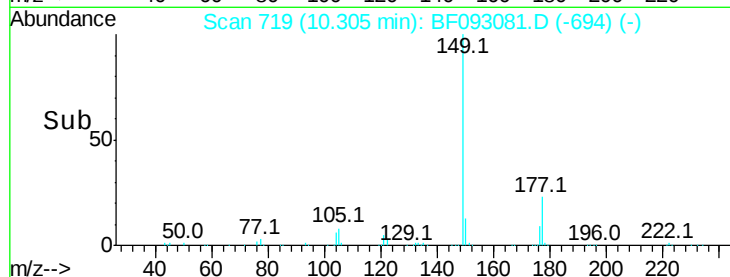
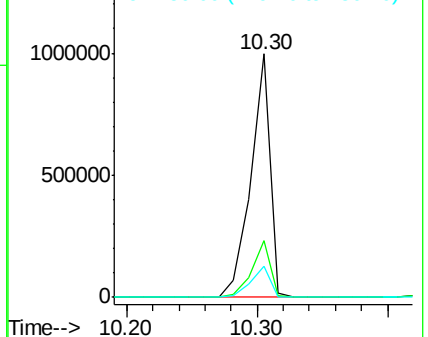
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.18 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

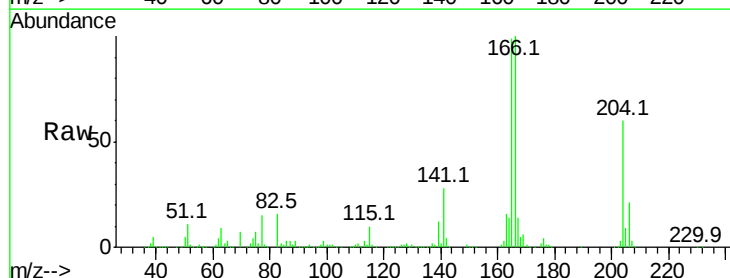
Tgt Ion:204 Resp: 414656

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

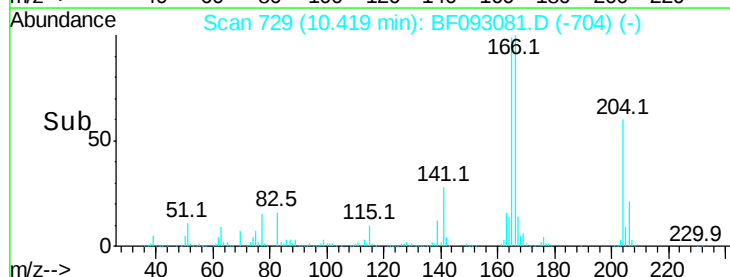
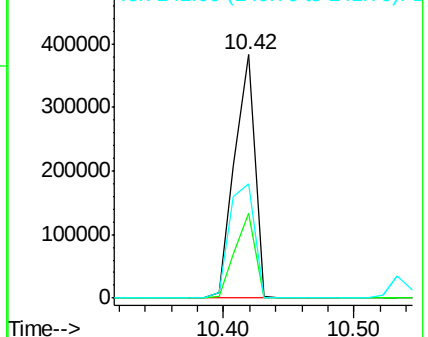
141 47.1 59.4 89.0#

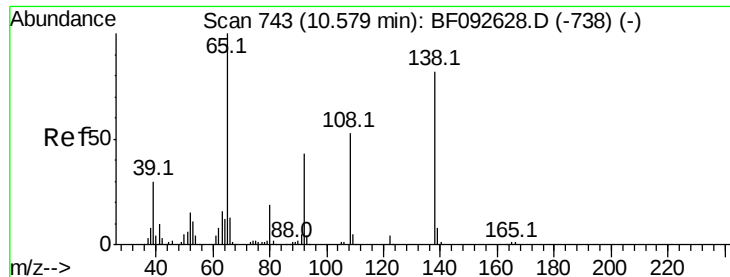


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





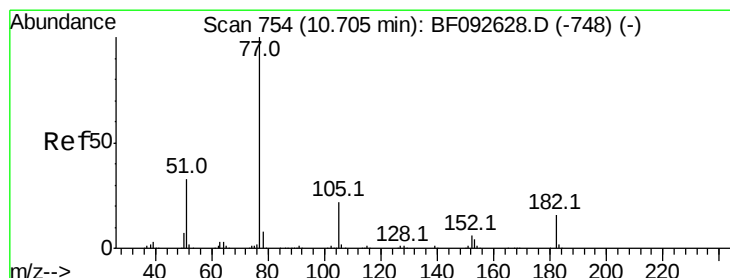
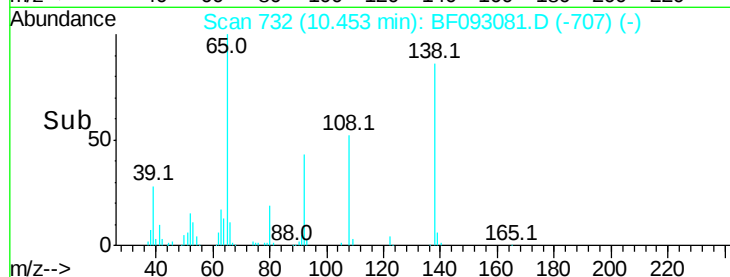
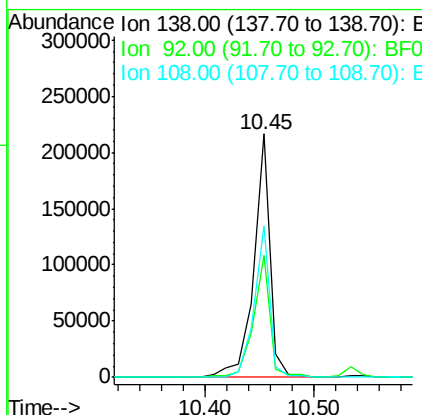
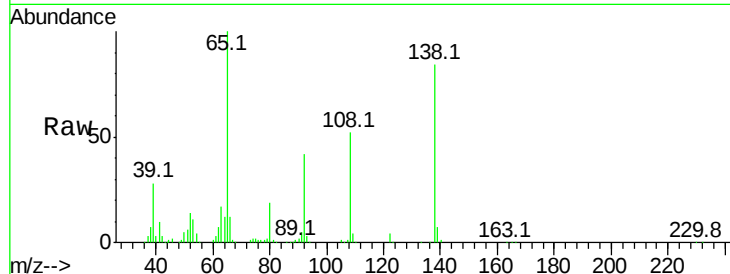
#61
4-Nitroaniline
Concen: 48.37 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.7	71.7
108	62.1	52.6	92.6

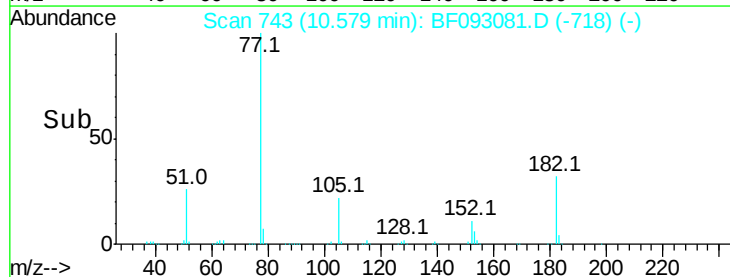
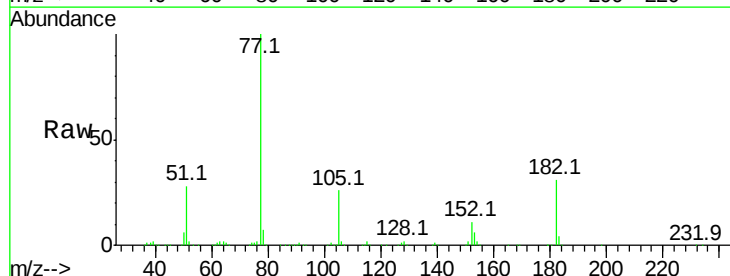
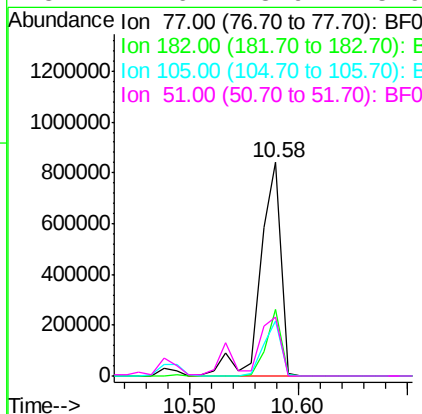
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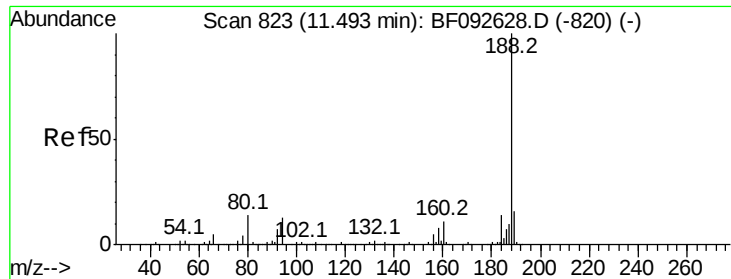
mohammad
2/23/2017 1:16:06 PM



#62
Azobenzene
Concen: 61.55 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.0	0.0	39.3
105	26.0	2.3	42.3
51	27.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

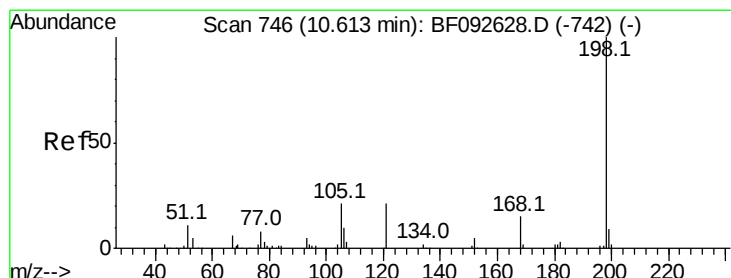
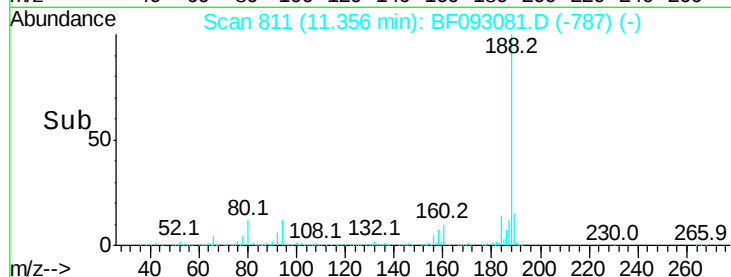
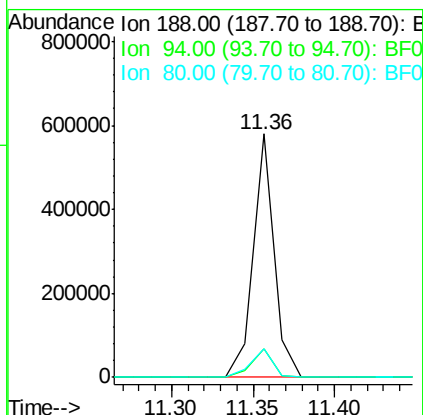
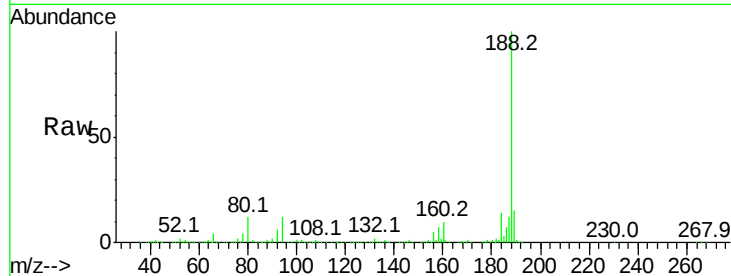
ClientSampleId :

B1-1MS

Tot Ion:188	Resp:	517604
Ion Ratio	Lower	Upper
188 100		
94 11.5	10.0	15.0
80 11.9	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 50.90 ng

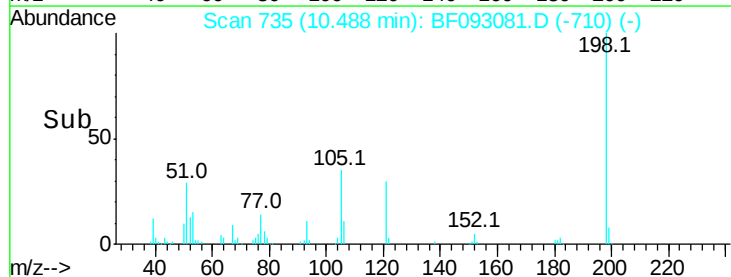
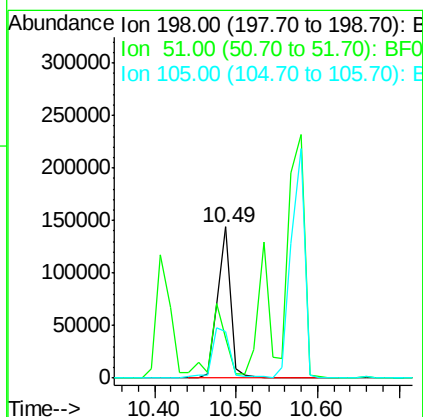
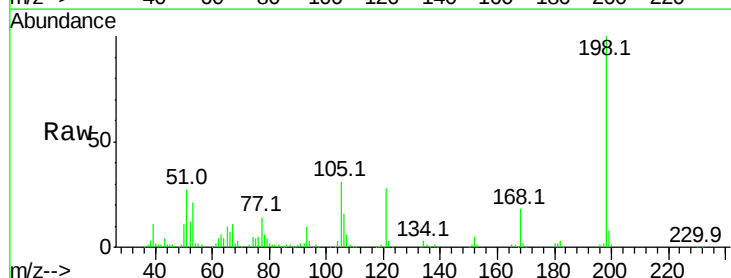
RT: 10.49 min Scan# 735

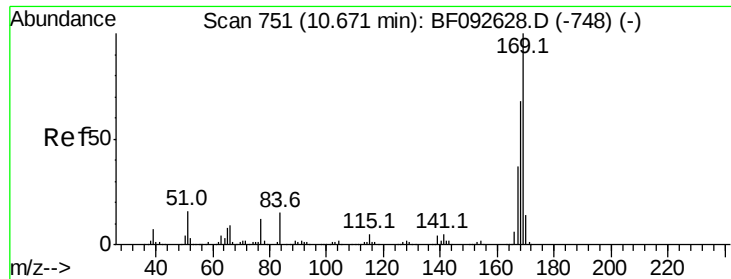
Delta R.T. -0.01 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion:198	Resp:	160887
Ion Ratio	Lower	Upper
198 100		
51 26.7	6.7	46.7
105 31.1	16.6	56.6





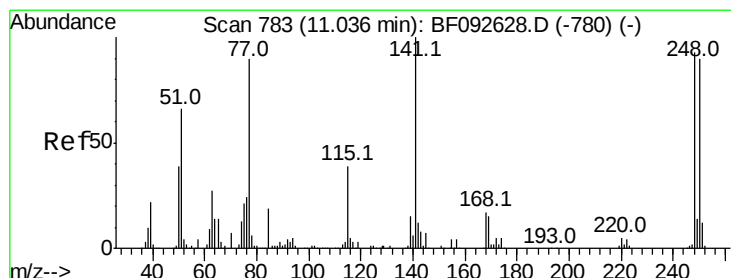
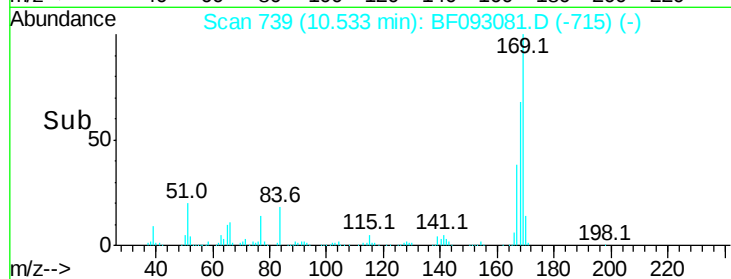
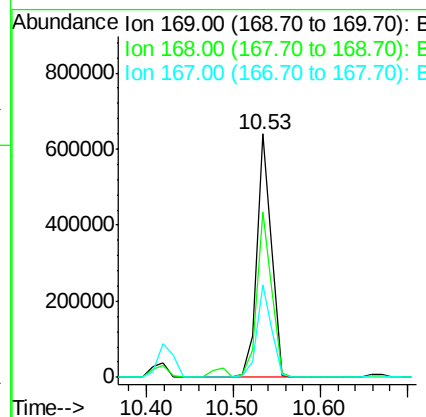
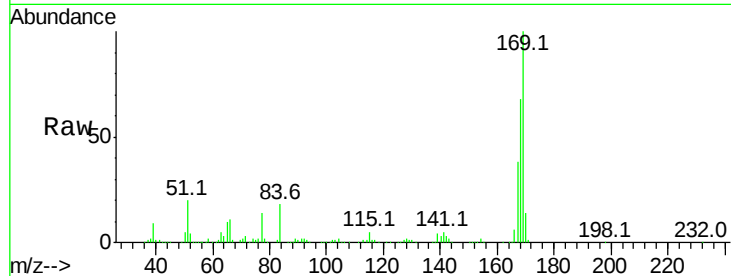
#65
n-Nitrosodiphenylamine
Concen: 45.93 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	759522		
168	68.0		54.2	81.2
167	37.9		30.2	45.4

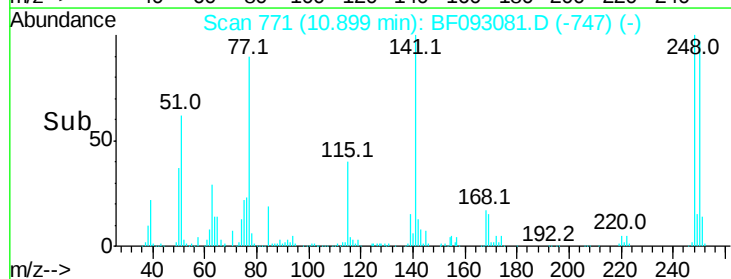
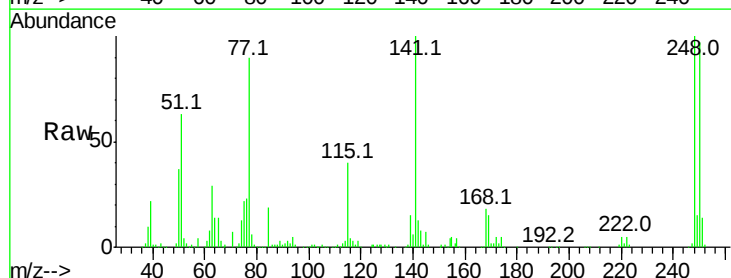
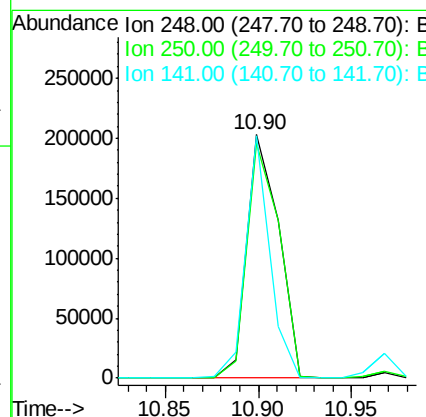
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#66
4-Bromophenyl-phenylether
Concen: 44.54 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	240864		
250	96.6		76.9	115.3
141	99.5		68.2	102.4





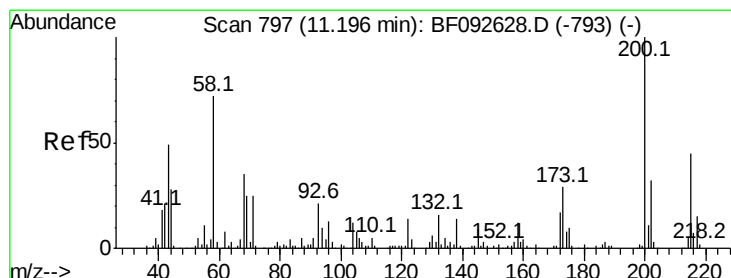
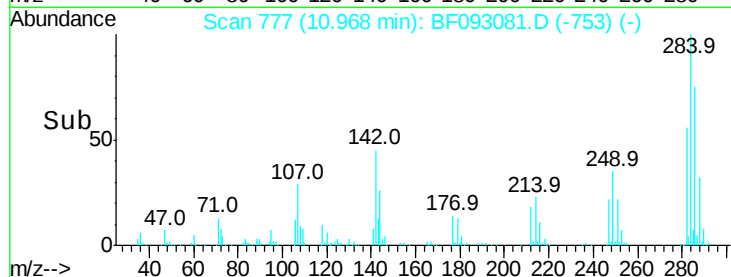
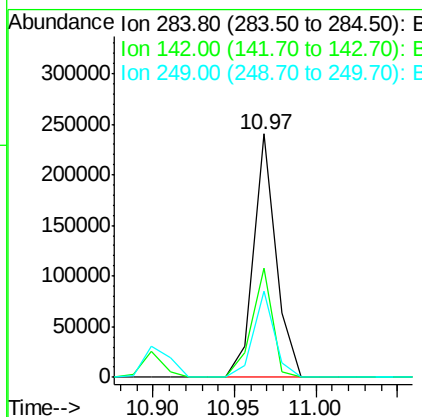
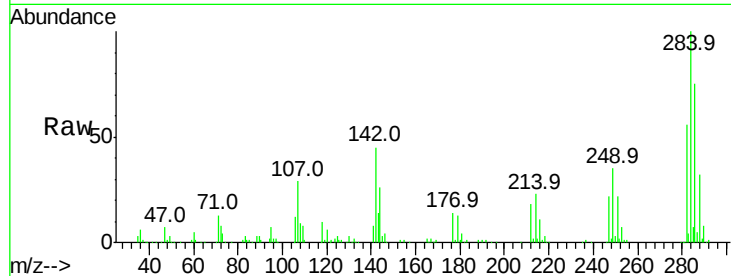
#67
Hexachlorobenzene
Concen: 43.14 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	44.9	22.6	33.8#	
249	35.3	25.4	38.0	

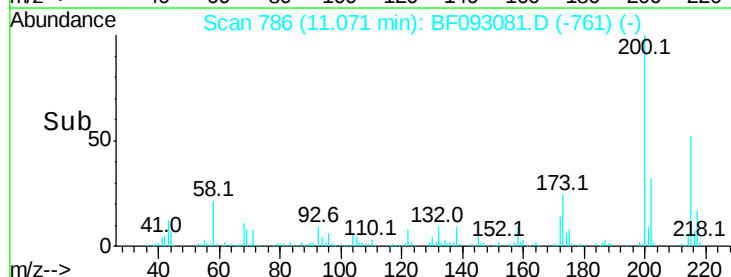
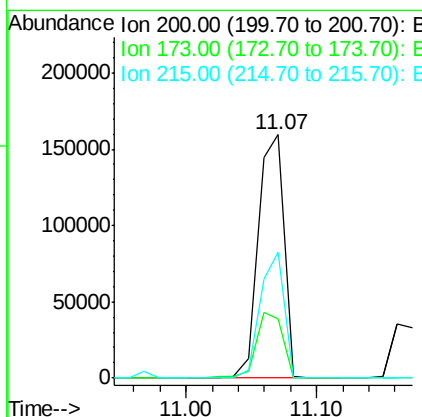
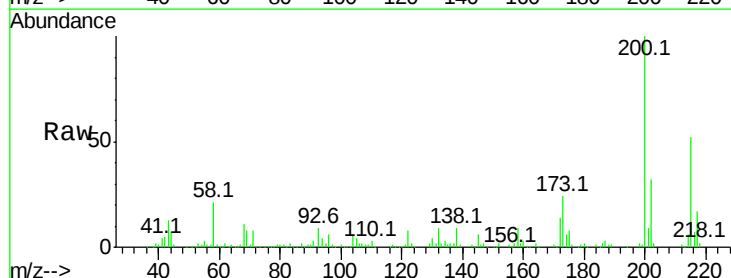
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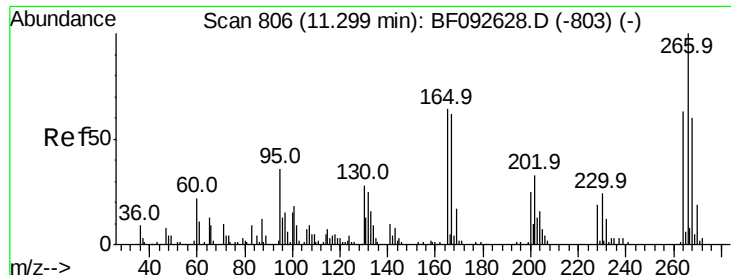
mohammad
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#68
Atrazine
Concen: 41.38 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.3	9.6	49.6	
215	51.9	25.7	65.7	





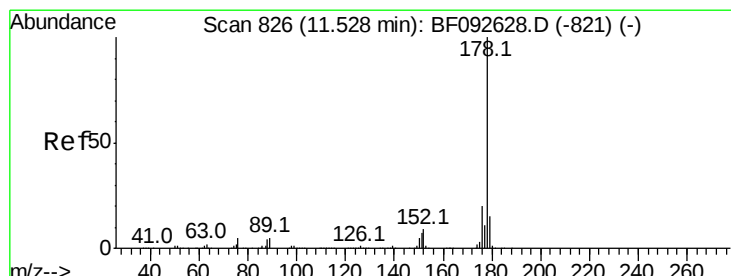
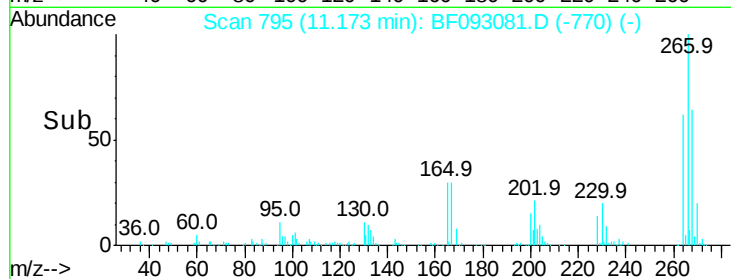
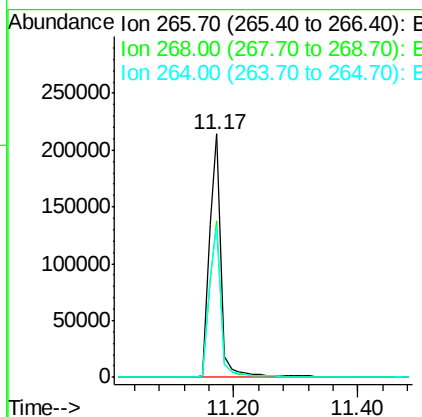
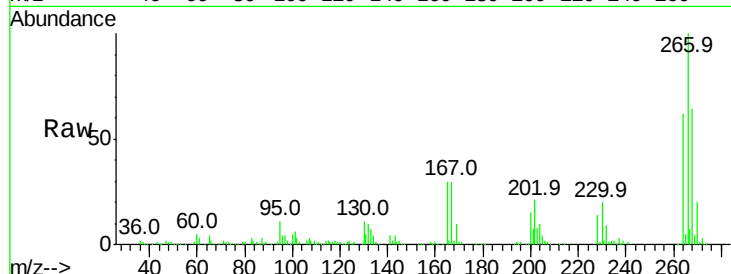
#69
Pentachlorophenol
 Concen: 97.84 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion:	266	Resp:	274785
Ion Ratio		Lower	Upper
266	100		
268	64.3	53.3	79.9
264	62.0	50.3	75.5

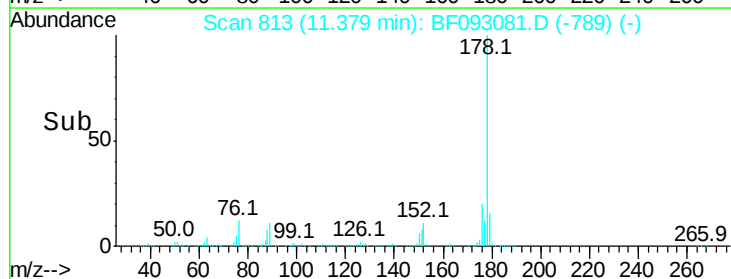
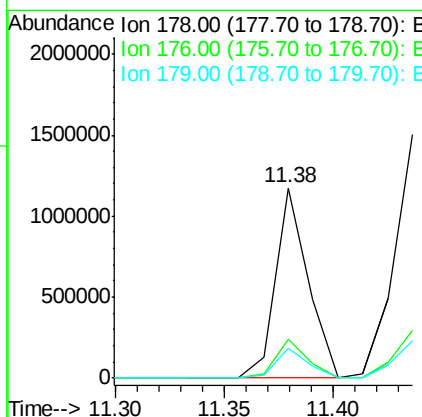
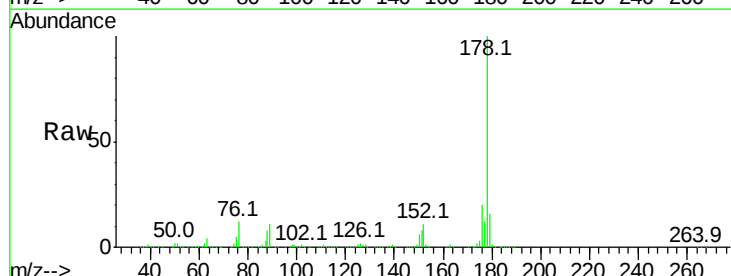
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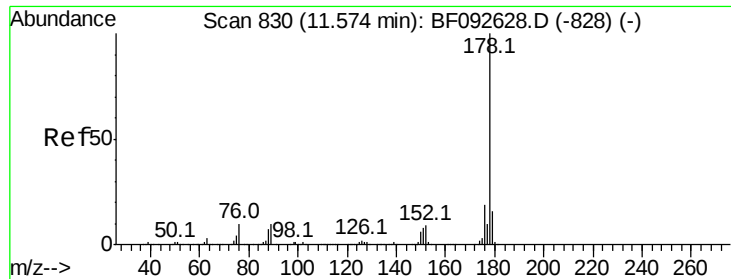
mohammad
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#70
Phenanthrene
 Concen: 41.46 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion:	178	Resp:	1229477
Ion Ratio		Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.9	12.8	19.2





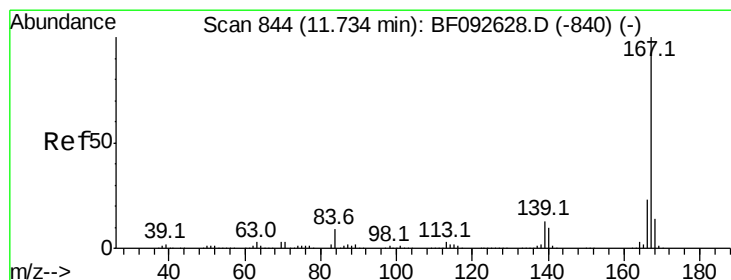
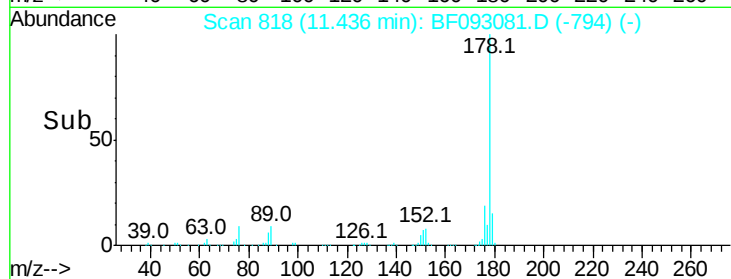
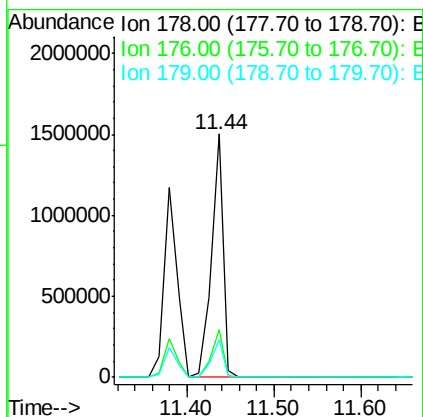
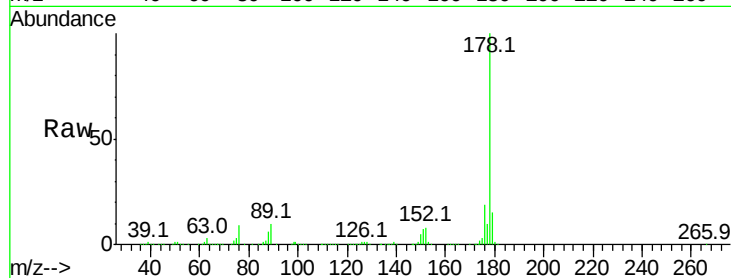
#71
 Anthracene
 Concen: 47.88 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion:178 Resp: 1425725
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.5 13.2 19.8

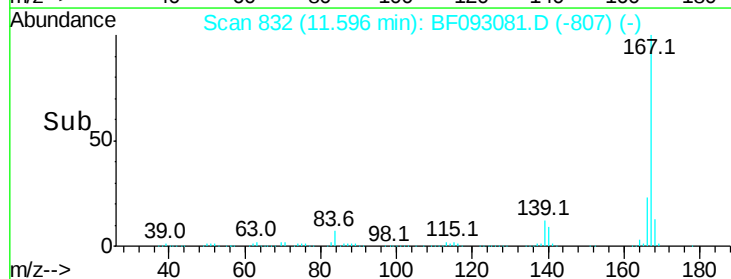
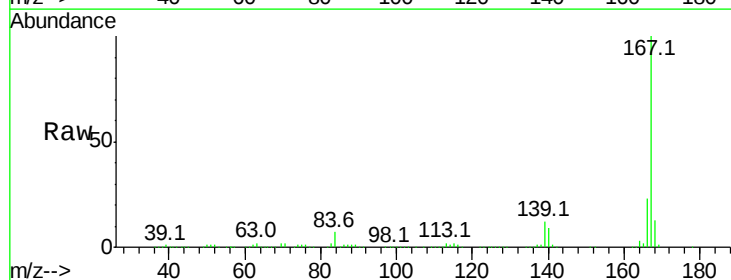
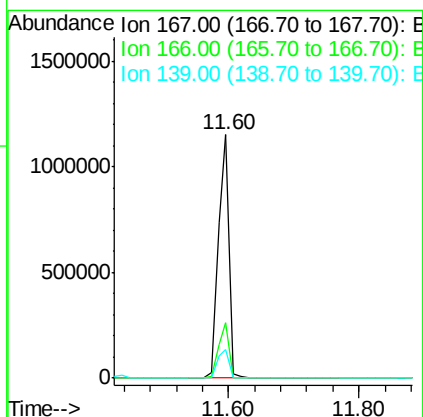
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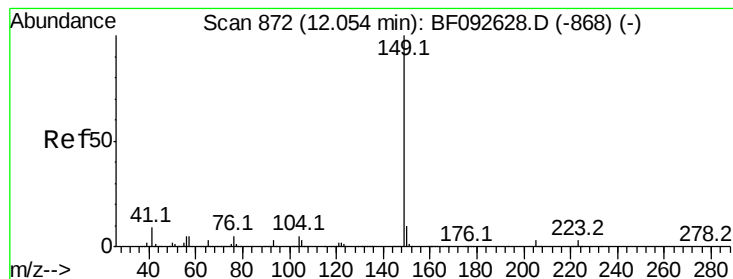
mohammad
 2/23/2017 1:16:06 PM



#72
 Carbazole
 Concen: 47.09 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion:167 Resp: 1340562
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 12.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.04 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

B1-1MS

Tot Ion:149 Resp: 1417479

Ion Ratio Lower Upper

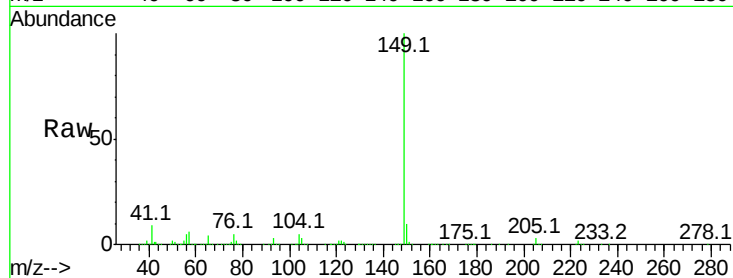
149 100

150 9.7 8.1 12.1

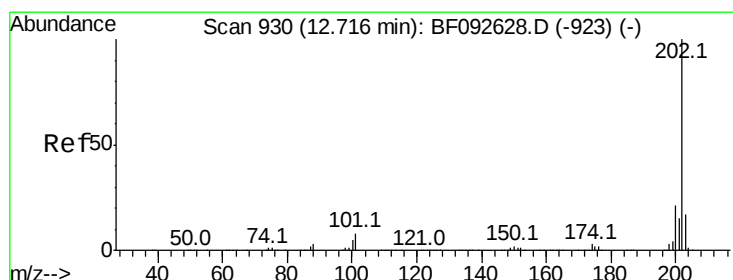
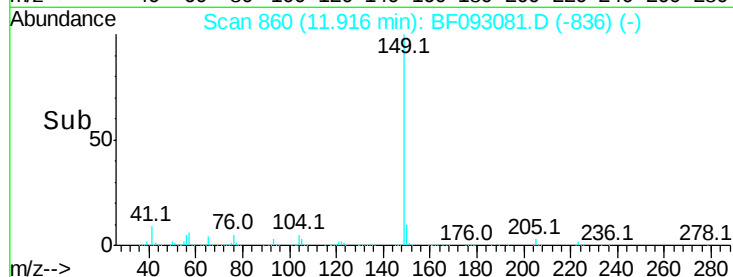
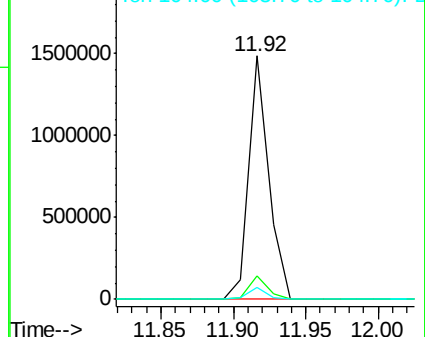
104 4.8 4.6 7.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.42 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

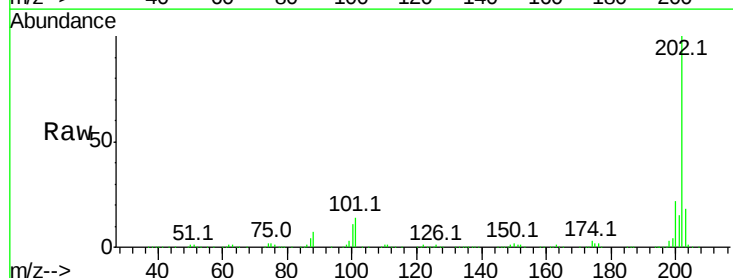
Tgt Ion:202 Resp: 1297473

Ion Ratio Lower Upper

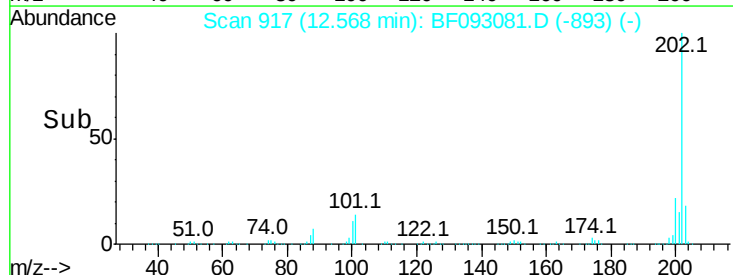
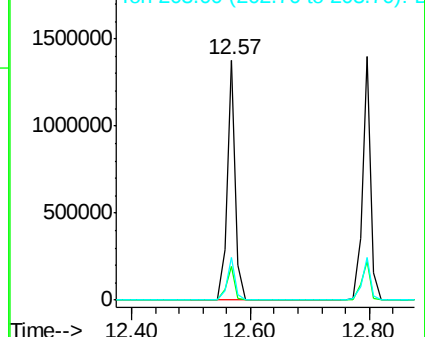
202 100

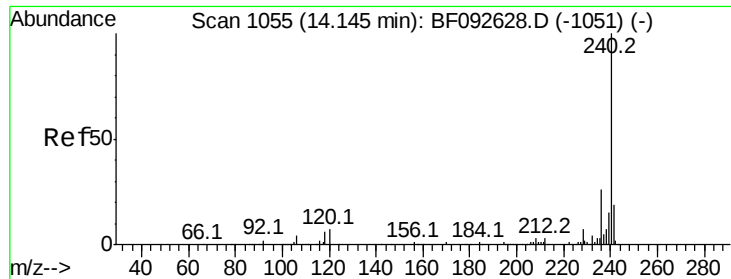
101 14.2 0.0 34.6

203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Instrument :

BNA_F

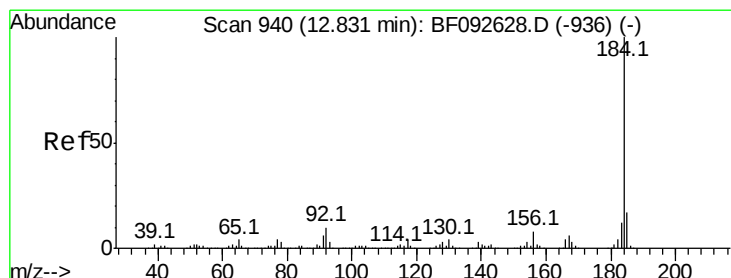
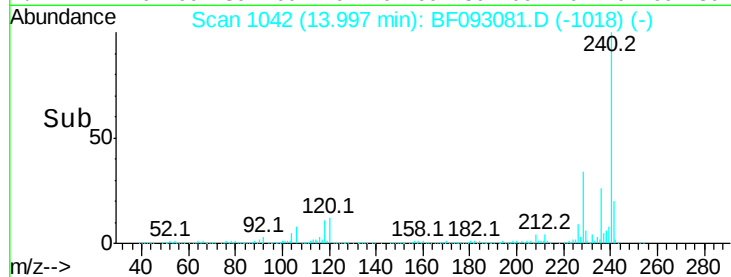
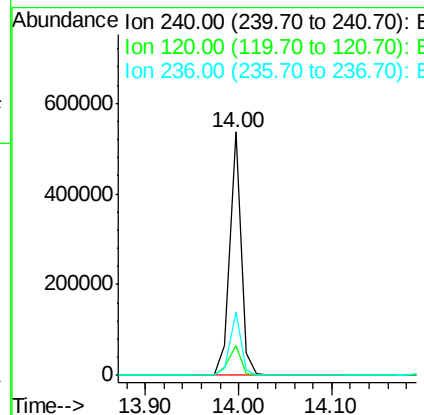
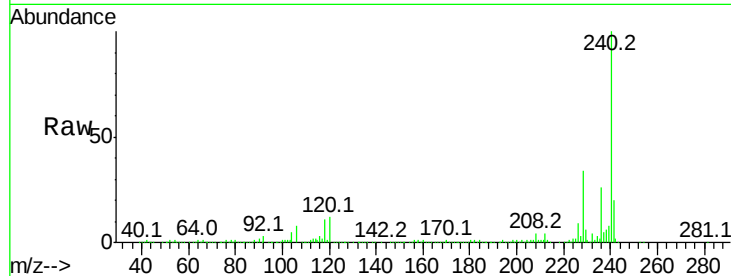
ClientSampleId :

B1-1MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 3.72 ng

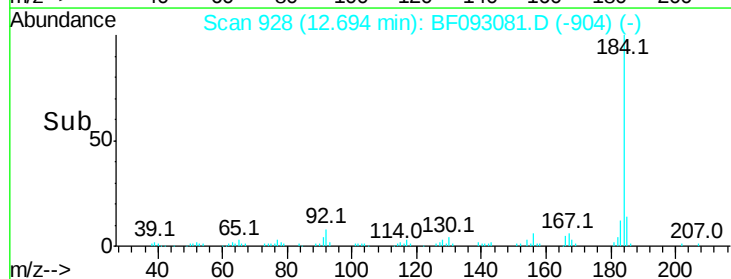
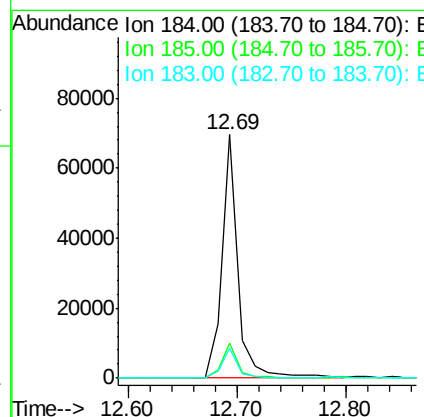
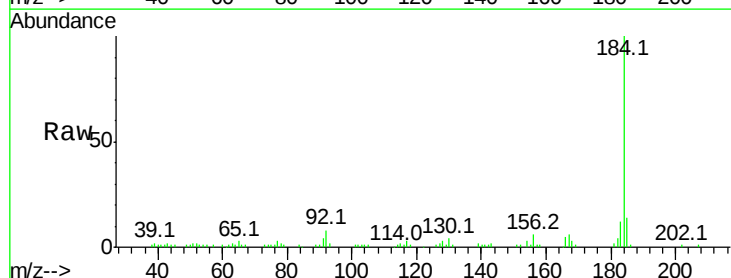
RT: 12.69 min Scan# 928

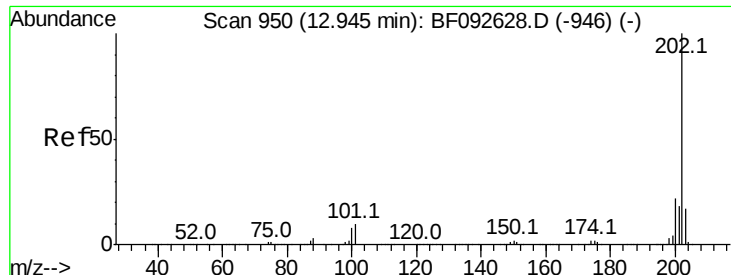
Delta R.T. -0.02 min

Lab File: BF093081.D

Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	12.3	9.2	13.8





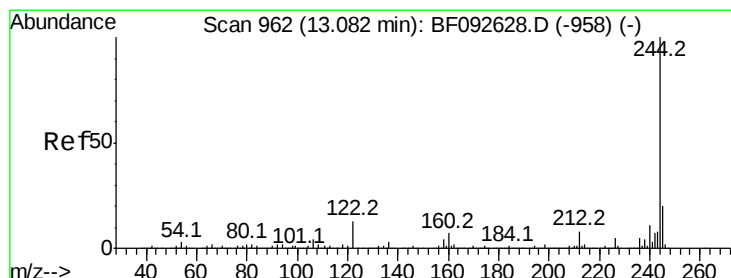
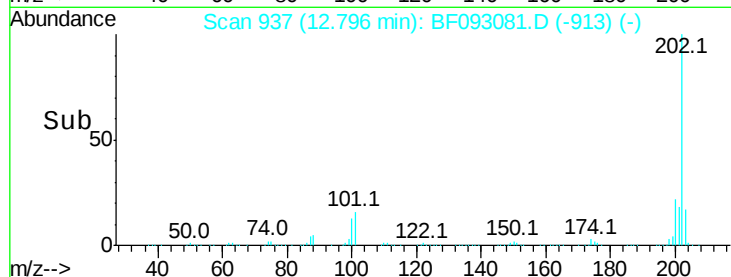
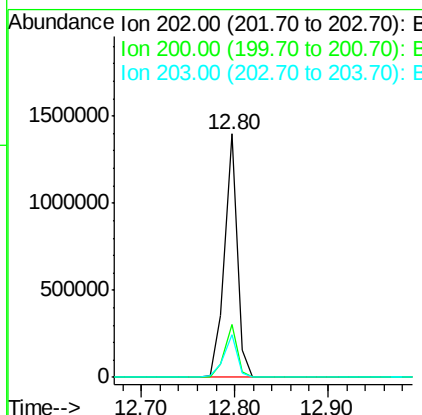
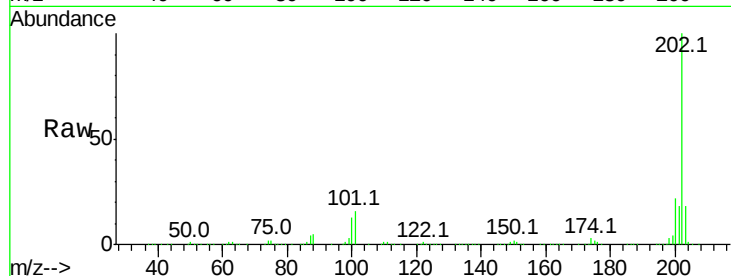
#77
Pvrene
Concen: 39.36 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion:202 Resp: 1330061
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.5 14.7 22.1

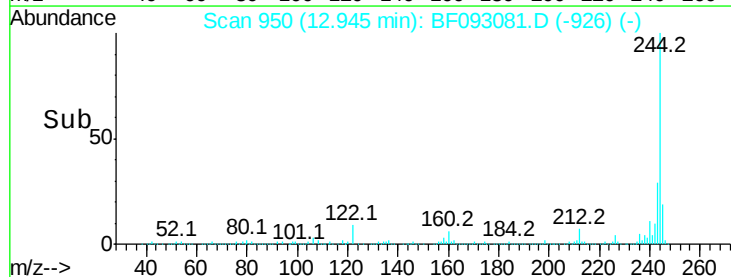
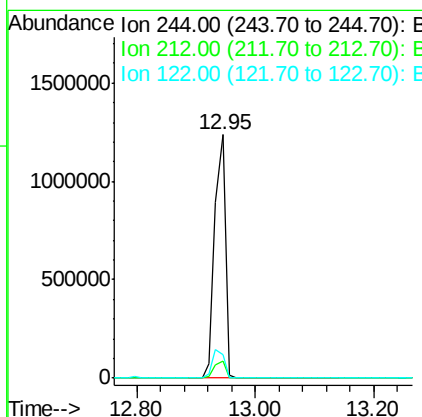
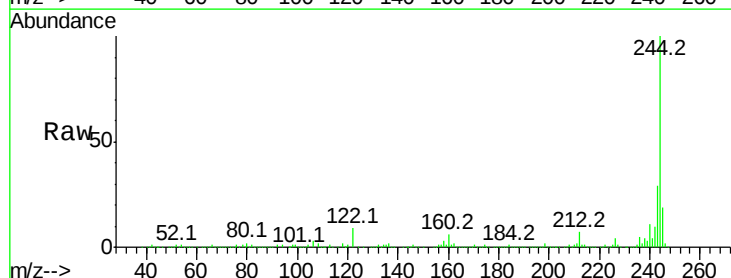
Manual Integrations
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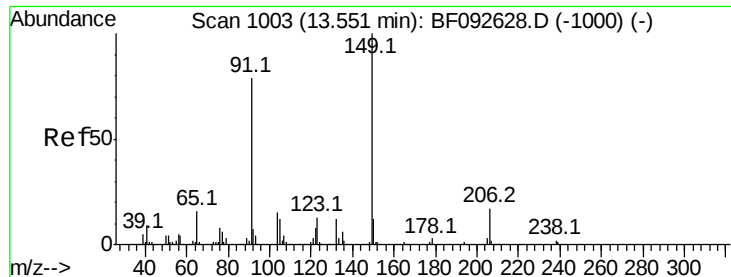
mohammad
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#78
Terphenyl-d14
Concen: 79.55 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion:244 Resp: 1528869
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 9.4 11.4 17.2#





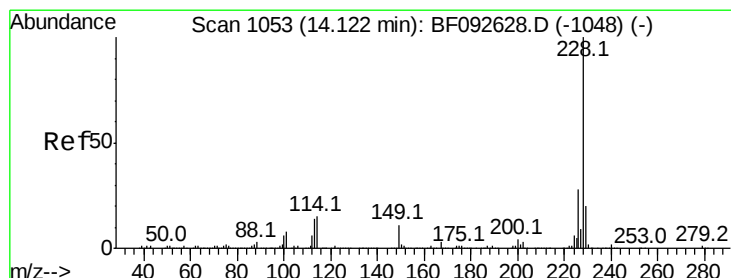
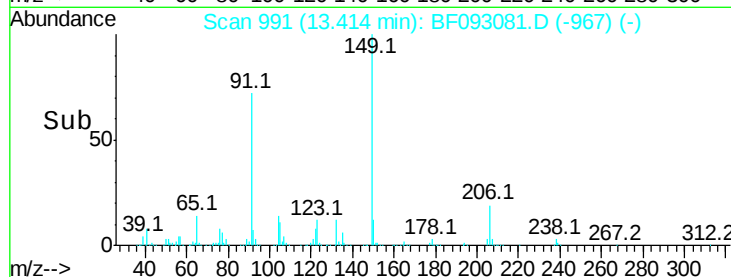
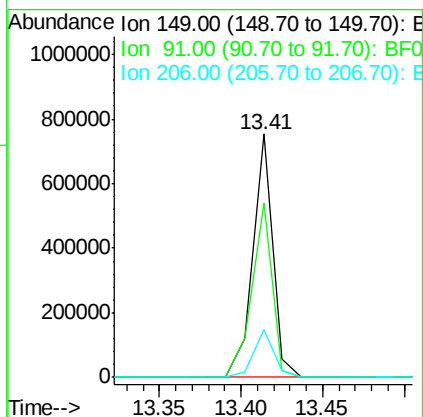
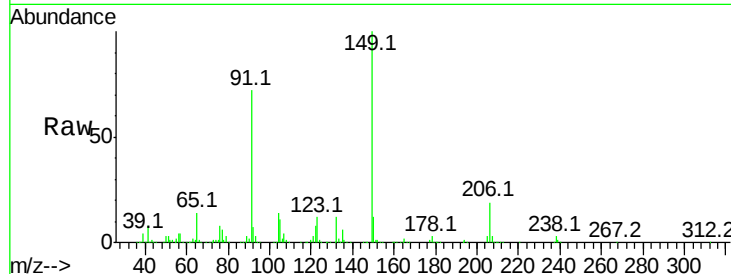
#79
Butylbenzylphthalate
Concen: 46.67 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampled :
B1-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	63.9	95.9
206	19.4	14.6	21.8

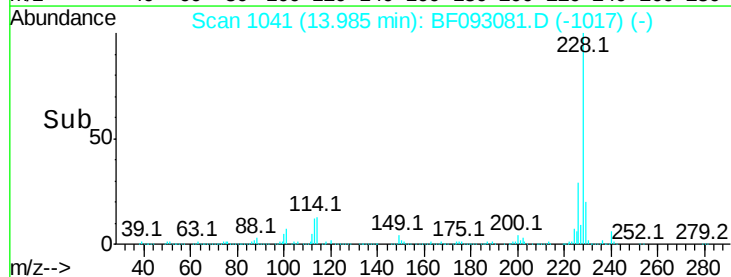
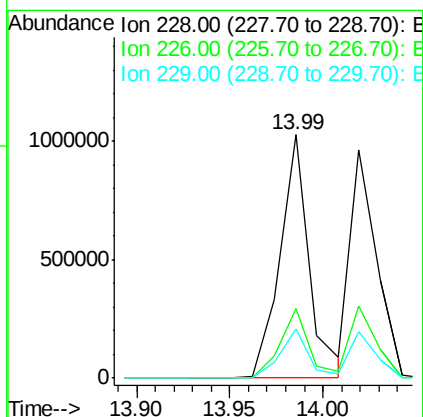
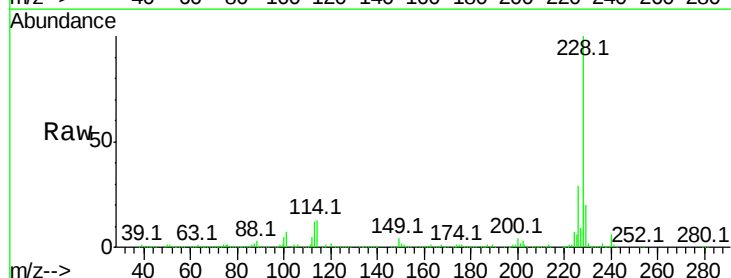
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 40.75 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.2	16.2	24.4





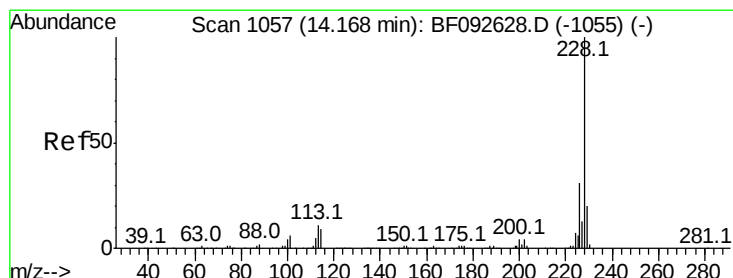
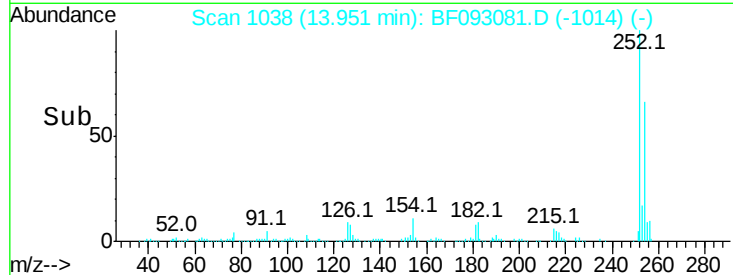
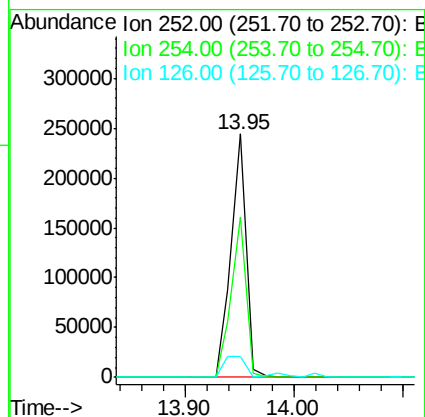
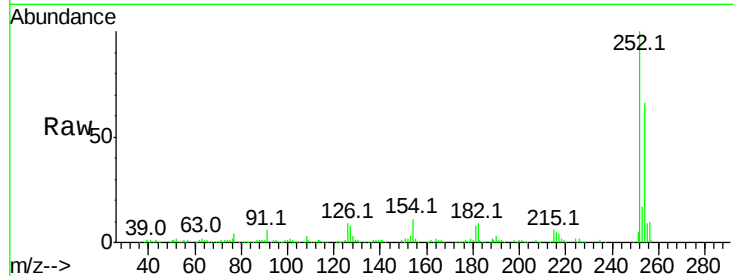
#81
 3,3'-Dichlorobenzidine
 Concen: 24.01 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	52.3	78.5
126	8.8	13.6	20.4

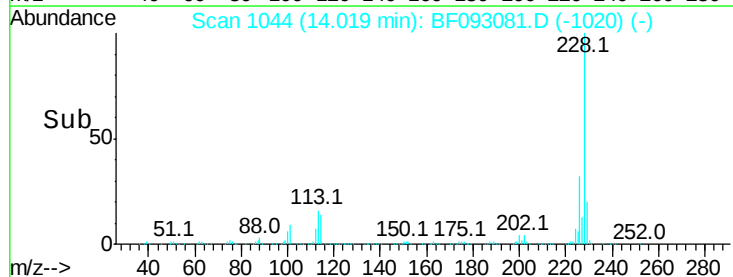
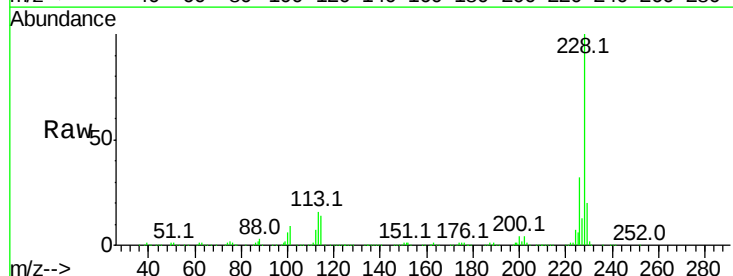
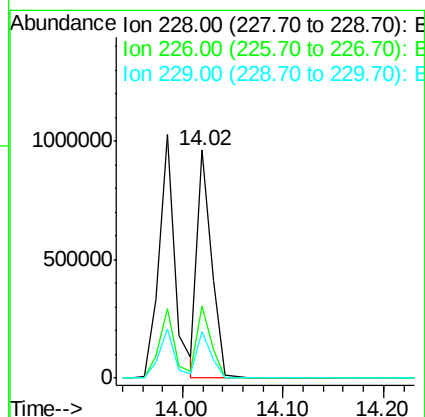
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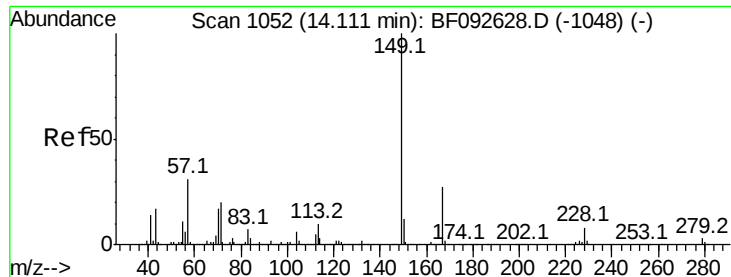
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#82
 Chrysene
 Concen: 37.12 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.2	16.2	24.2





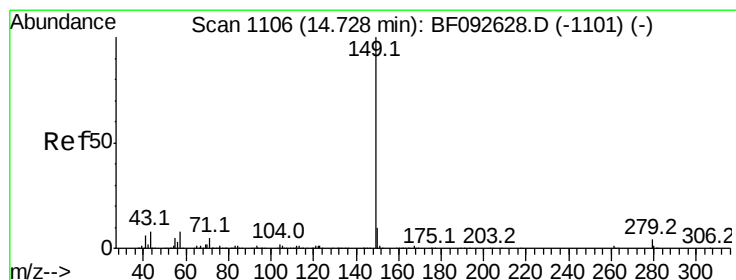
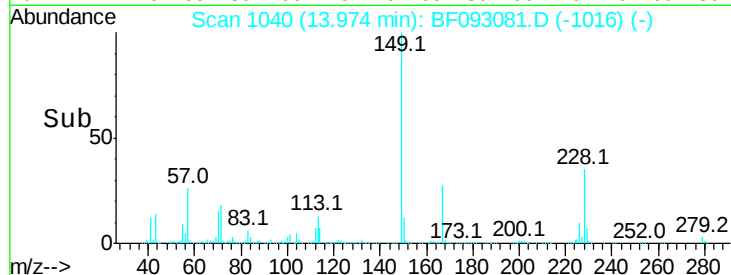
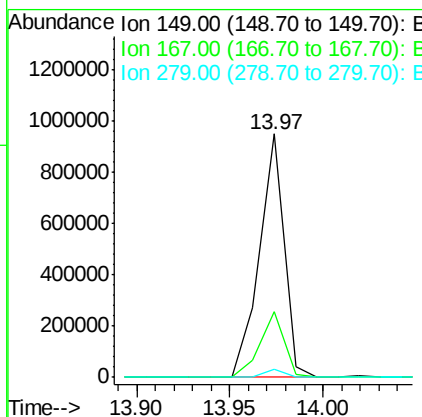
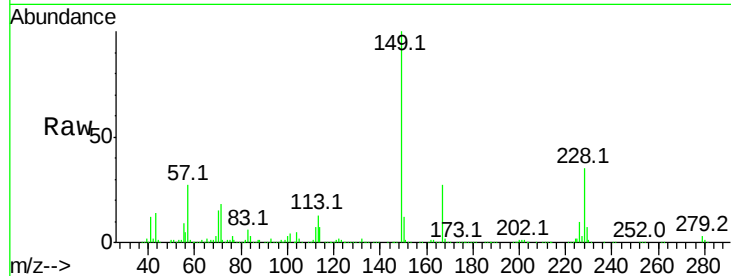
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.35 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	869980		
167	26.7	20.2	30.4	
279	3.2	1.8	2.8#	

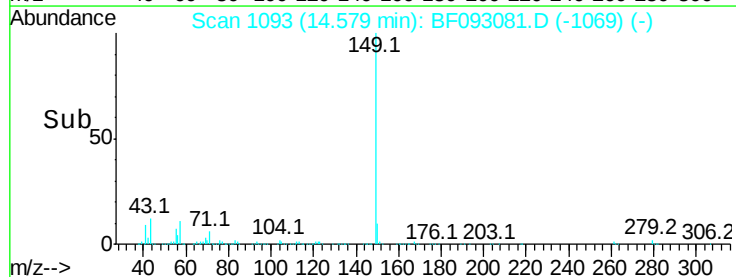
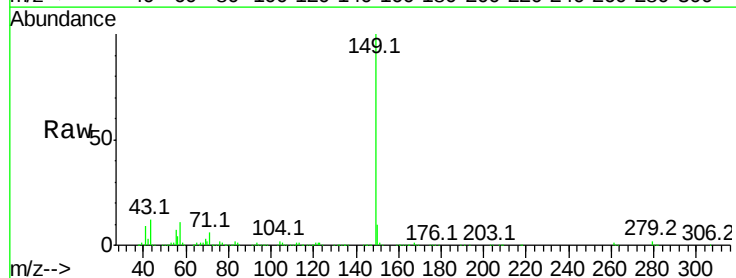
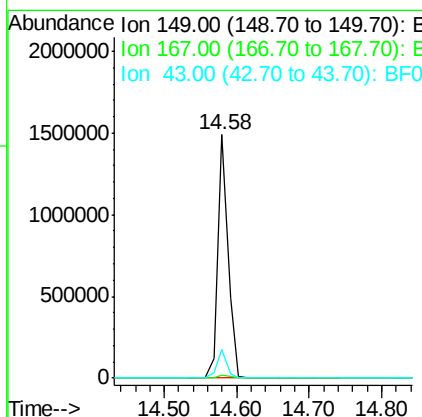
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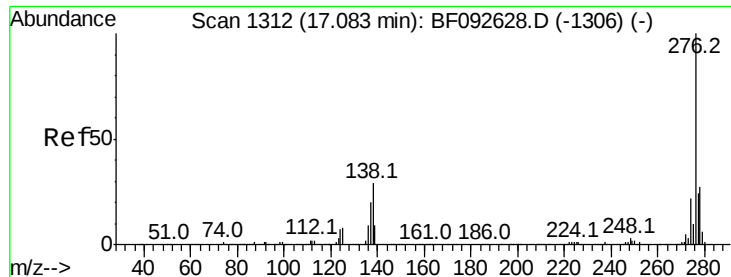
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#84
Di-n-octyl phthalate
Concen: 47.66 ng
RT: 14.58 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1456577		
167	1.5	1.3	1.9	
43	11.2	8.9	13.3	





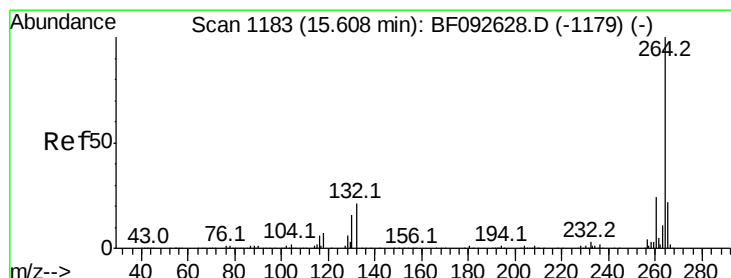
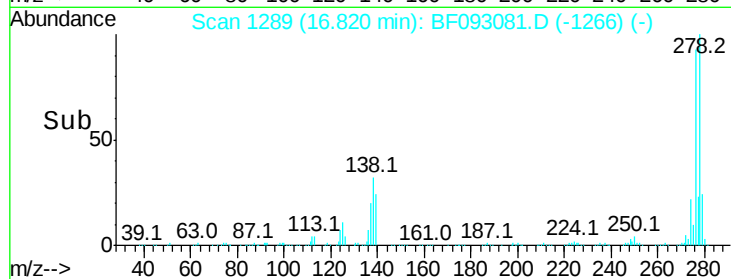
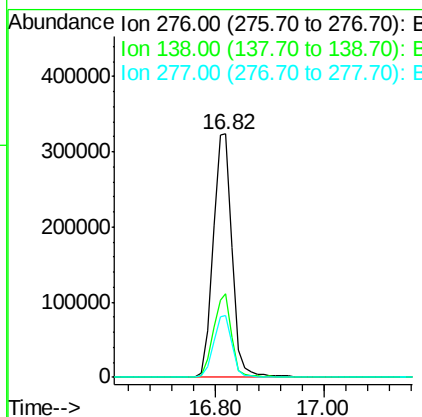
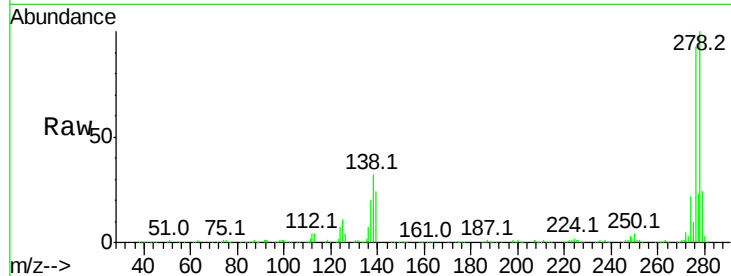
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.92 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.6
277	25.1	20.2	30.4

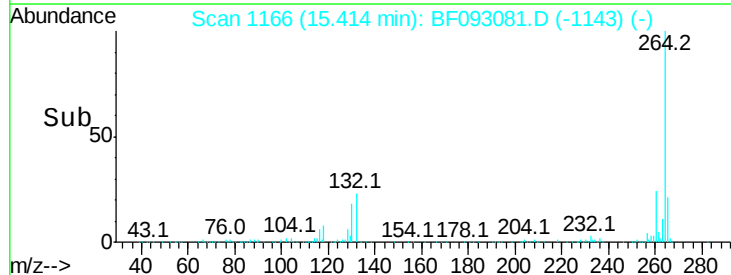
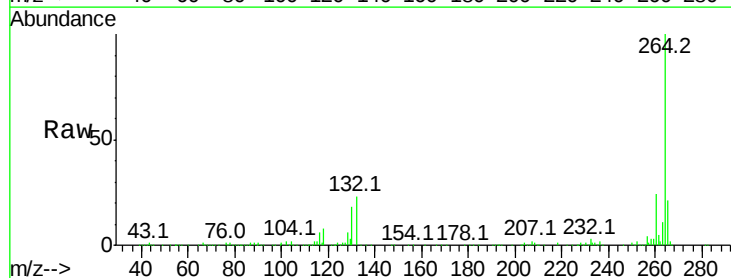
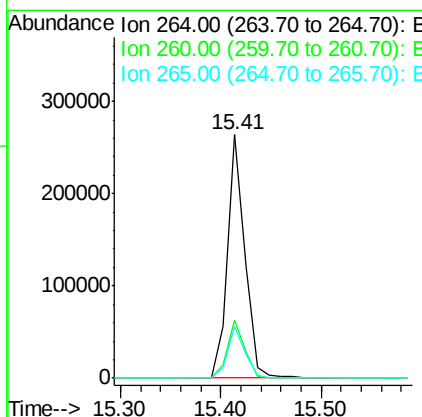
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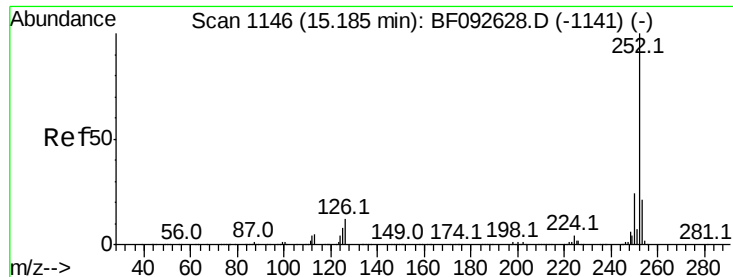
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.4	26.0





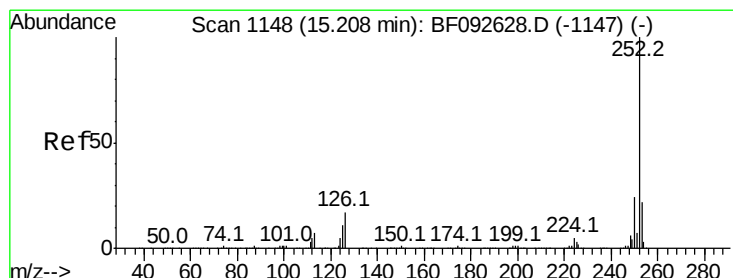
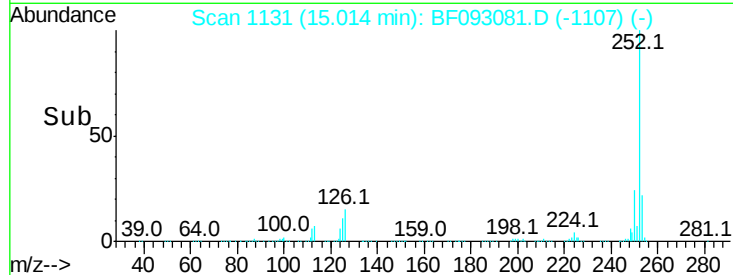
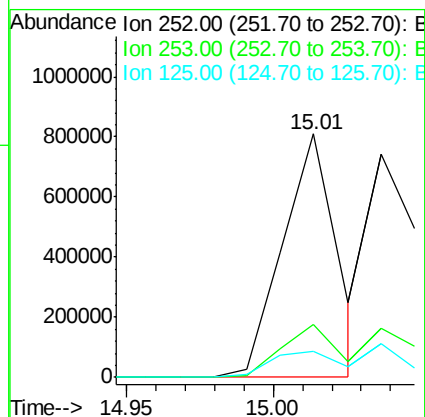
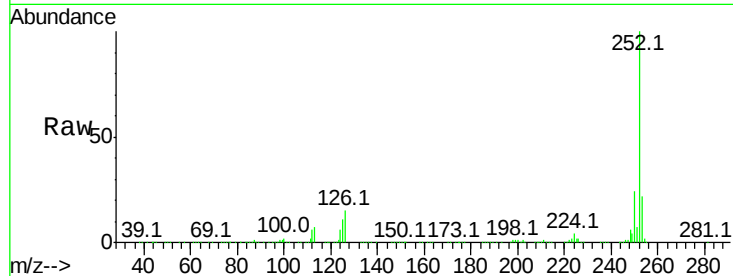
#87
Benzo(b)fluoranthene
Concen: 49.35 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampled :
B1-1MS

Tot Ion:252 Resp: 1031553
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 10.8 9.8 14.6

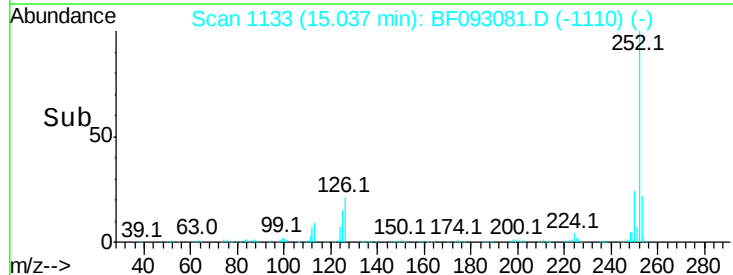
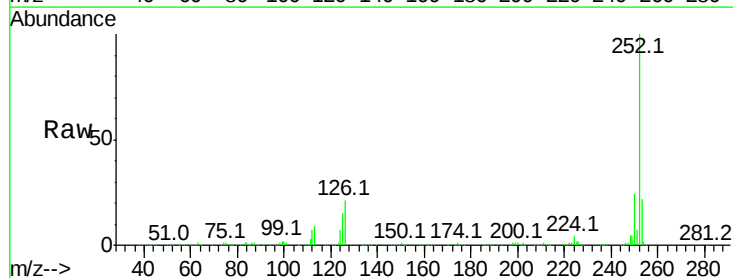
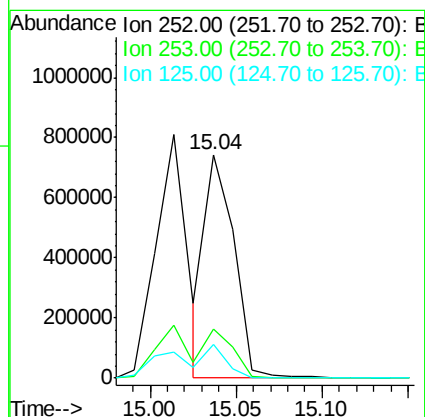
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#88
Benzo(k)fluoranthene
Concen: 49.03 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion:252 Resp: 884922
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 14.8 8.9 13.3#





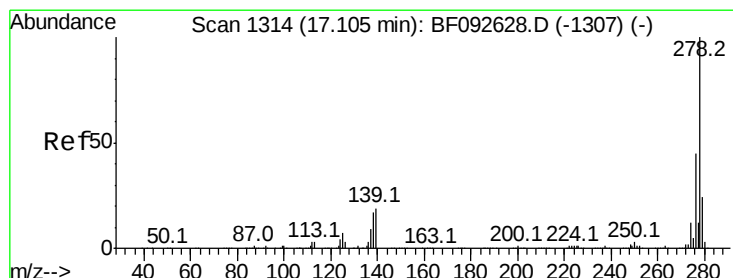
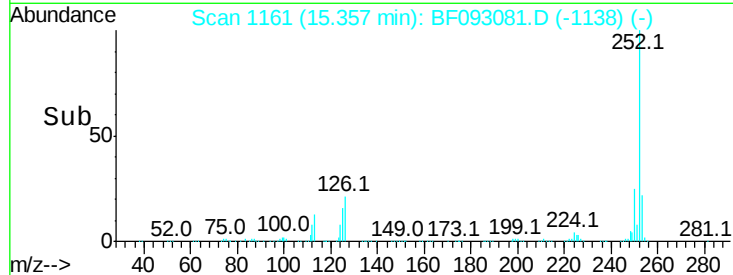
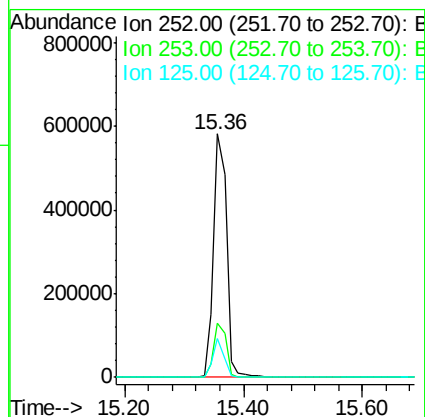
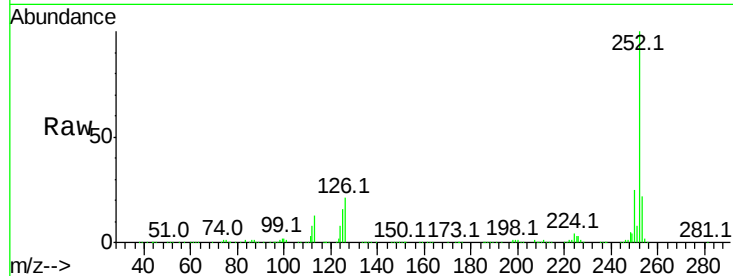
#89
Benzo(a)pyrene
Concen: 48.77 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	15.8	10.0	15.0#

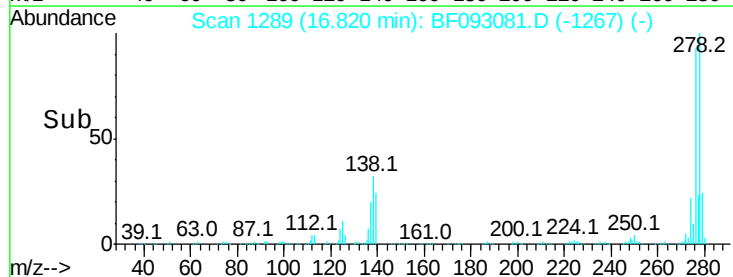
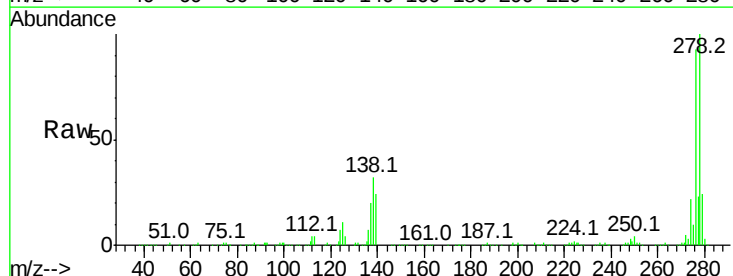
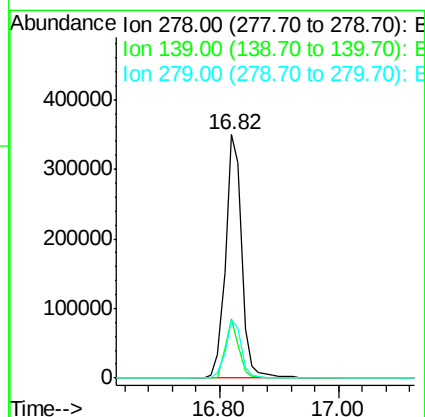
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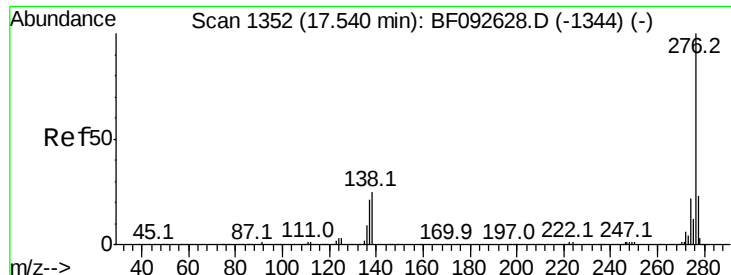
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 45.41 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF093081.D
Acq: 22 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.4	14.8	22.2#
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.24 ng
 RT: 17.23 min Scan# 1325
 Delta R.T. -0.06 min
 Lab File: BF093081.D
 Acq: 22 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	29.2	16.0	24.0

Manual Integrations
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