

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093044.D
 Acq On : 20 Feb 2017 22:32
 Operator : SJ/MA
 Sample : I1878-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Manual Integrations
 APPROVED

mohammad
 2/21/2017 3:57:38 PM

Quant Time: Feb 21 00:20:58 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	145428m	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	577057	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	283332	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	517545	20.00	ng	0.00
75) Chrysene-d12	14.01	240	394695	20.00	ng	-0.01
86) Perylene-d12	15.44	264	293564	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1129326	133.23	ng	0.01
7) Phenol-d6	6.50	99	1375936	126.15	ng	0.01
23) Nitrobenzene-d5	7.42	82	1034806	99.86	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	326499	159.33	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1655088	105.83	ng	0.00
78) Terphenyl-d14	12.96	244	1432021	85.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	159505	34.82	ng	# 72
3) Pyridine	3.28	79	385336	33.08	ng	86
4) n-Nitrosodimethylamine	3.20	42	237787	43.48	ng	88
6) Aniline	6.51	93	190675m	12.82	ng	
8) 2-Chlorophenol	6.64	128	443867	47.46	ng	98
9) Benzaldehyde	6.40	77	69758	8.93	ng	99
10) Phenol	6.51	94	465752m	36.50	ng	
11) bis(2-Chloroethyl)ether	6.59	93	477308	46.86	ng	99
12) 1,3-Dichlorobenzene	6.78	146	463474m	42.31	ng	
13) 1,4-Dichlorobenzene	6.86	146	488528	44.07	ng	97
14) 1,2-Dichlorobenzene	7.02	146	443789	41.86	ng	# 94
15) Benzyl Alcohol	7.00	79	378289	46.85	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	788206	44.54	ng	99
17) 2-Methylphenol	7.12	107	375310	46.78	ng	95
18) Hexachloroethane	7.36	117	162069m	42.83	ng	
19) n-Nitroso-di-n-propylamine	7.26	70	320913	46.22	ng	95
20) 3+4-Methylphenols	7.28	107	437957	45.66	ng	# 82
22) Acetophenone	7.26	105	600248	45.56	ng	# 96
24) Nitrobenzene	7.44	77	460152	43.25	ng	98
25) Isophorone	7.68	82	904329	46.83	ng	95
26) 2-Nitrophenol	7.76	139	253293	50.08	ng	94
27) 2,4-Dimethylphenol	7.80	122	429301	48.33	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	602379	47.10	ng	100
29) 2,4-Dichlorophenol	8.01	162	387346	46.75	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	393932	44.12	ng	# 94
31) Naphthalene	8.16	128	1293533	44.22	ng	99
32) Benzoic acid	7.94	122	246495	48.83	ng	89
33) 4-Chloroaniline	8.21	127	111466	9.72	ng	99
34) Hexachlorobutadiene	8.28	225	212299	43.22	ng	96
35) Caprolactam	8.59	113	94443m	36.24	ng	
36) 4-Chloro-3-methylphenol	8.70	107	402092	46.55	ng	99
37) 2-Methylnaphthalene	8.85	142	867833	46.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	409085	51.44	ng	99
40) Hexachlorocyclopentadiene	9.00	237	310532	86.54	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	289973	55.49	nq	93
43) 2,4,5-Trichlorophenol	9.18	196	279600	48.83	nq #	90
45) 1,1'-Biphenyl	9.32	154	1107149	53.96	nq	99
46) 2-Chloronaphthalene	9.34	162	862325	53.73	nq	99
47) 2-Nitroaniline	9.45	65	292811	54.26	nq #	78
48) Acenaphthylene	9.76	152	1272653	45.90	nq	99
49) Dimethylphthalate	9.63	163	1030469	54.00	nq	99
50) 2,6-Dinitrotoluene	9.69	165	239520	58.12	nq	96
51) Acenaphthene	9.93	154	764965	46.15	nq	98
52) 3-Nitroaniline	9.85	138	87151	18.48	nq	87
53) 2,4-Dinitrophenol	9.97	184	238082	111.57	nq	94
54) Dibenzofuran	10.10	168	1072600	48.38	nq	97
55) 4-Nitrophenol	10.03	139	279238	82.20	nq	92
56) 2,4-Dinitrotoluene	10.09	165	269129	49.05	nq #	91
57) Fluorene	10.44	166	862348	50.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	233797	61.21	nq	94
59) Diethylphthalate	10.32	149	930201	51.72	nq	100
60) 4-Chlorophenyl-phenylether	10.43	204	378817	46.23	nq	93
61) 4-Nitroaniline	10.46	138	230071	47.62	nq	93
62) Azobenzene	10.59	77	1015403	54.65	nq	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	164035	51.84	nq #	60
65) n-Nitrosodiphenylamine	10.56	169	795422	48.11	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	240695	44.51	nq	95
67) Hexachlorobenzene	10.99	284	256051	47.92	nq	99
68) Atrazine	11.08	200	228990	43.16	nq	99
69) Pentachlorophenol	11.18	266	261743	93.55	nq	97
70) Phenanthrene	11.40	178	1319429	44.50	nq	99
71) Anthracene	11.45	178	1359825	45.67	nq	98
72) Carbazole	11.61	167	1109230	38.97	nq	99
73) Di-n-butylphthalate	11.94	149	1589294	51.63	nq #	97
74) Fluoranthene	12.59	202	1404925	45.94	nq	92
76) Benzidine	12.70	184	62499	3.72	nq	96
77) Pyrene	12.82	202	1386036	46.92	nq	98
79) Butylbenzylphthalate	13.42	149	631862	52.68	nq	96
80) Benzo(a)anthracene	14.00	228	1051976	43.58	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	166892	19.39	nq #	96
82) Chrysene	14.04	228	1020134	45.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	825795	50.34	nq	99
84) Di-n-octyl phthalate	14.60	149	1483345	55.53	nq	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	830843	47.46	nq	95
87) Benzo(b)fluoranthene	15.03	252	1143318m	59.17	nq	
88) Benzo(k)fluoranthene	15.06	252	654808m	39.25	nq	
89) Benzo(a)pyrene	15.38	252	817460	48.91	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	693727	51.36	nq	97
91) Benzo(g,h,i)perylene	17.27	276	722652	52.96	nq #	91

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

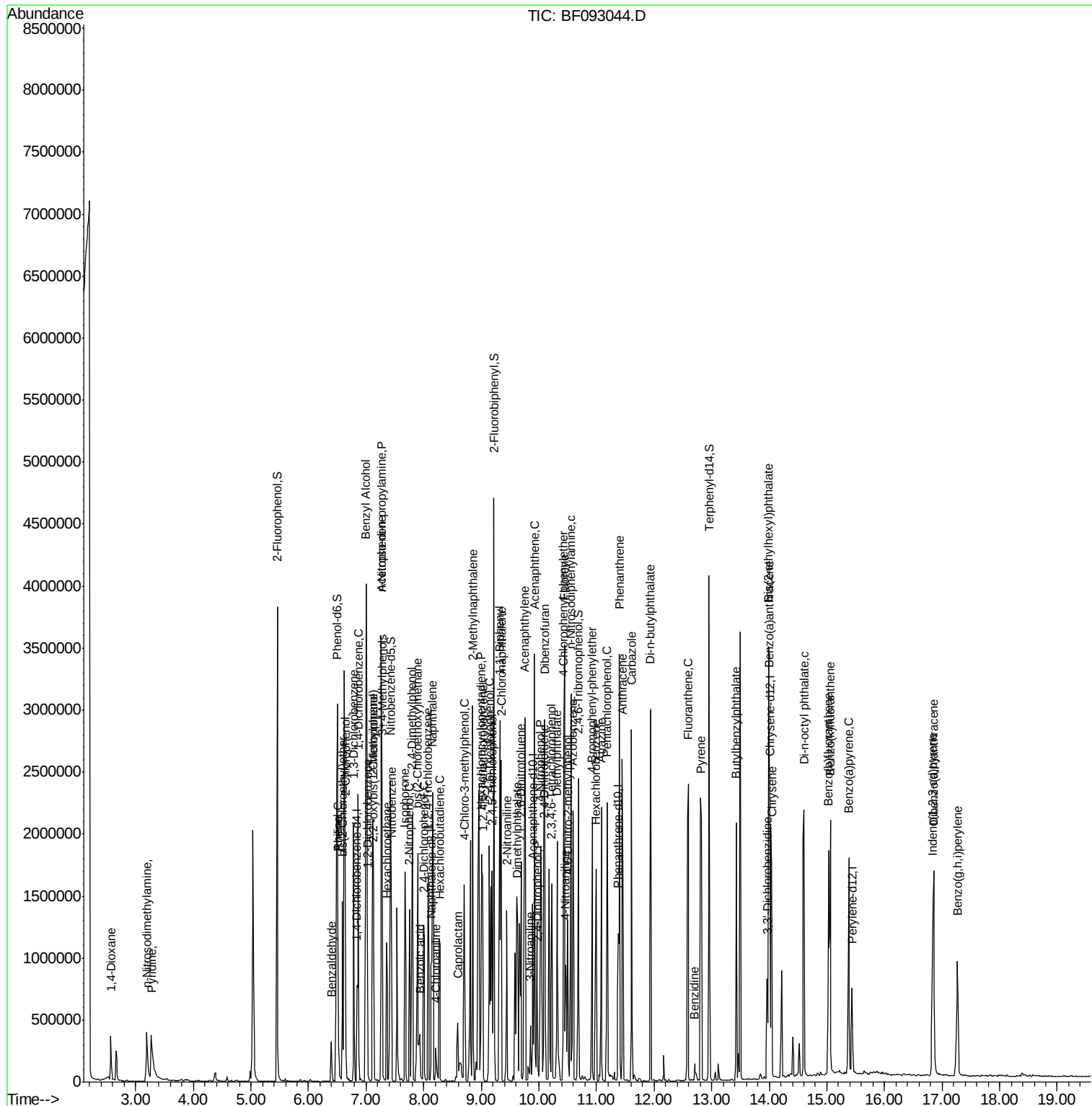
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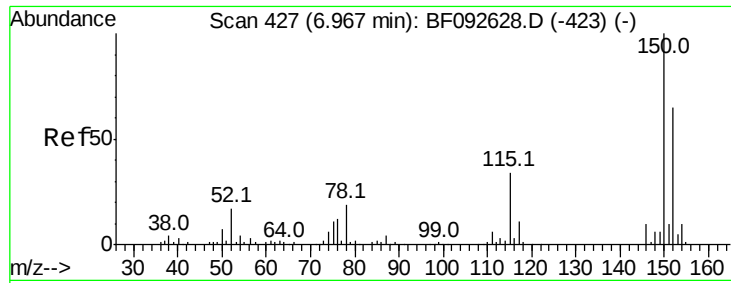
Instrument :
 BNA_F
 ClientSampleID :
 B1-2MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

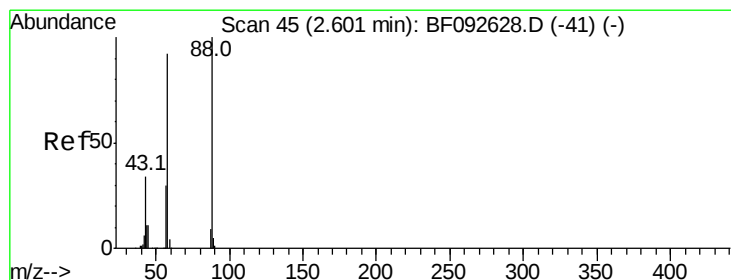
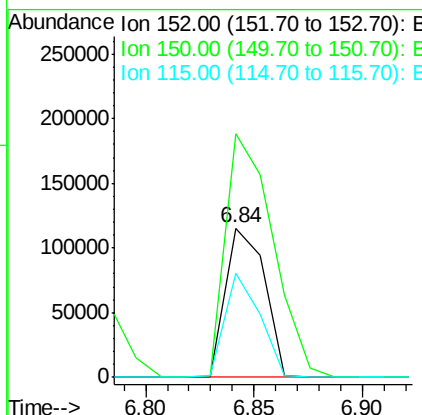
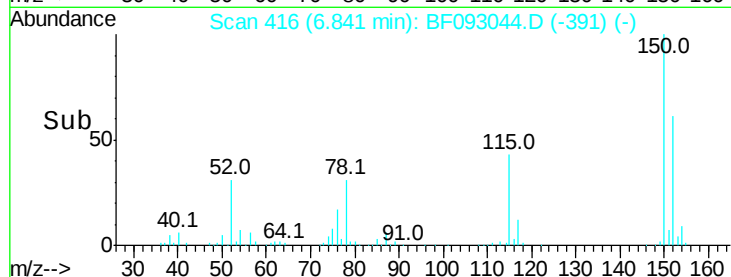
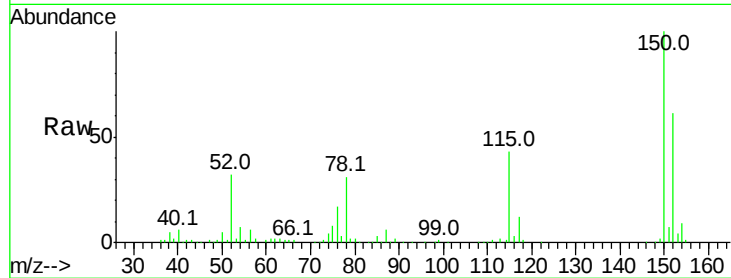
ClientSampled :

B1-2MSD

Tot Ion:	152	Resp:	145428
Ion Ratio	Lower	Upper	
152	100		
150	163.4	124.9	187.3
115	70.0	46.0	69.0

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#2

1,4-Dioxane

Concen: 34.82 ng

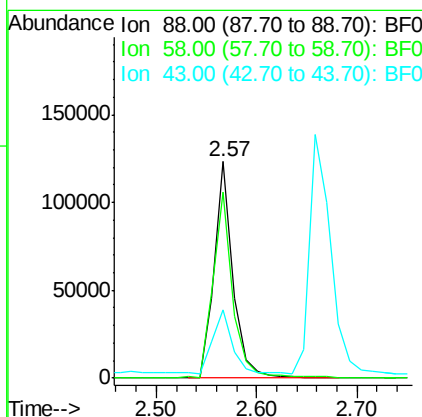
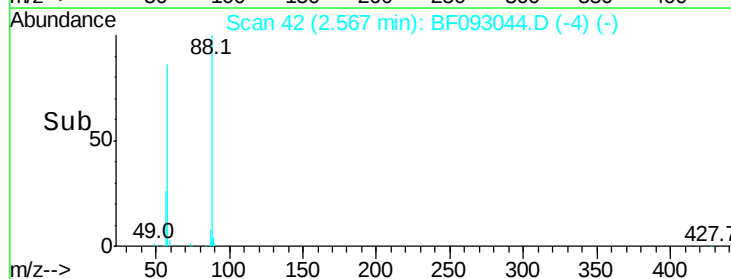
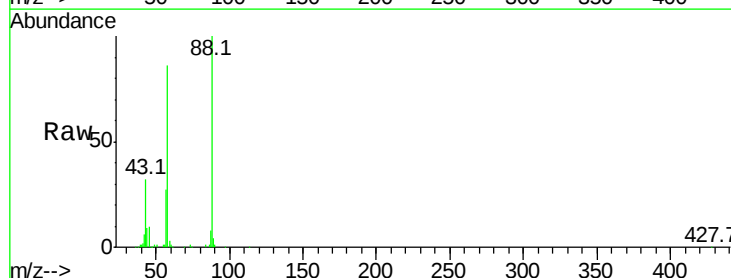
RT: 2.57 min Scan# 42

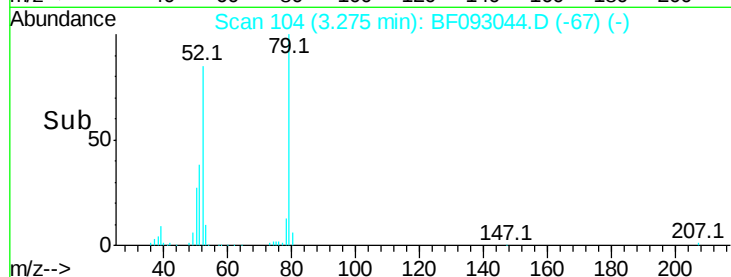
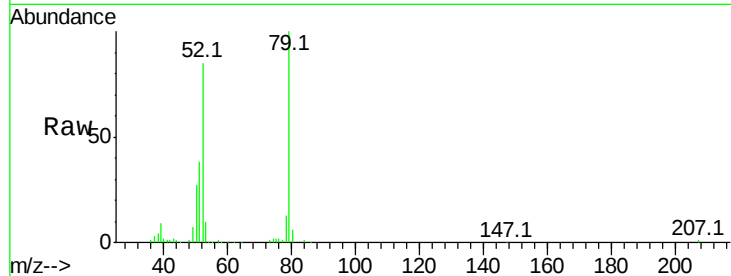
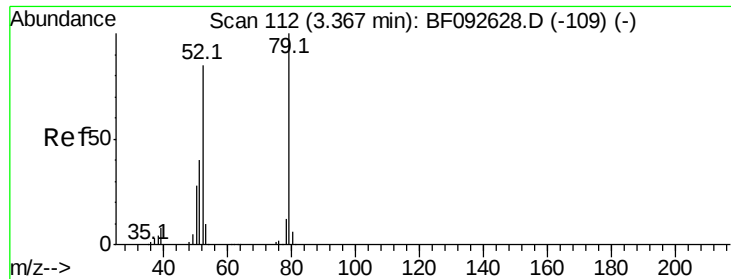
Delta R.T. 0.14 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	88	Resp:	159505
Ion Ratio	Lower	Upper	
88	100		
58	88.1	57.8	86.8
43	0.0	22.3	33.5





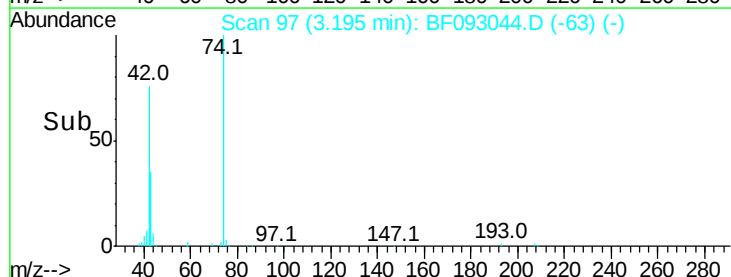
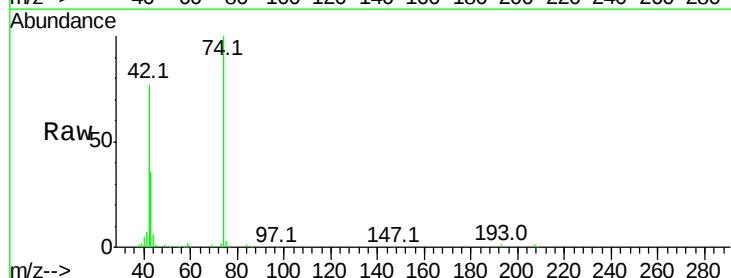
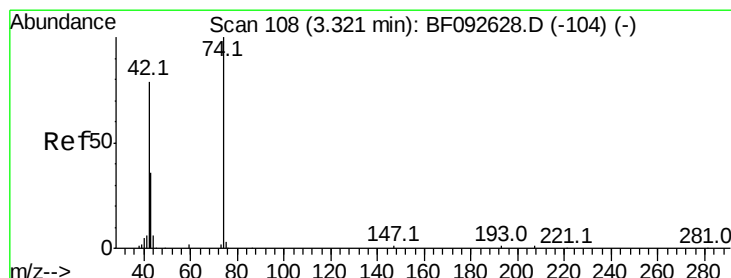
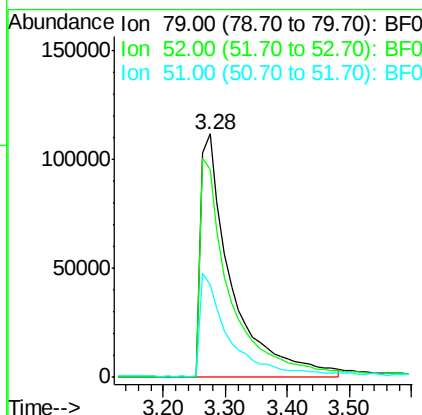
#3
 Pvridine
 Concen: 33.08 ng
 RT: 3.28 min Scan# 104
 Delta R.T. 0.13 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.2	57.1	85.7
51	38.2	27.3	40.9

Instrument :
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 ClientSampleId :
 B1-2MSD

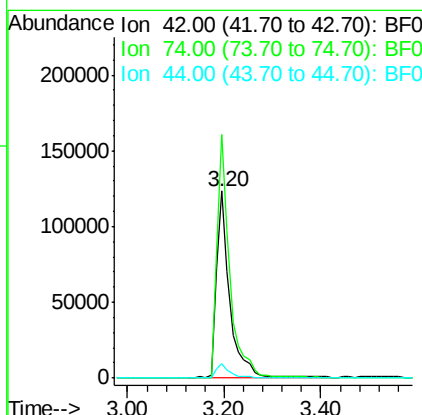
Manual Integrations
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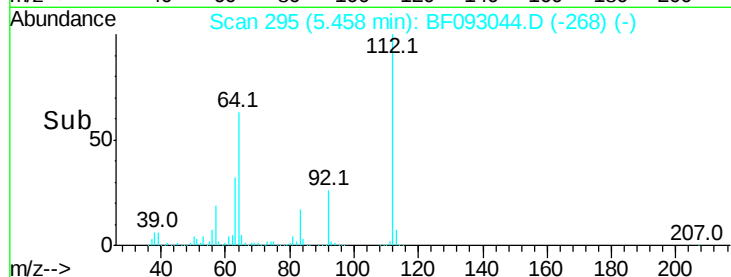
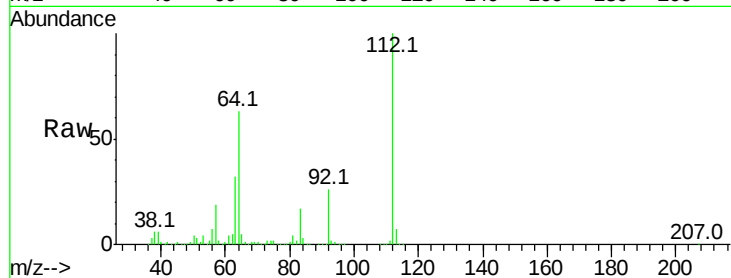
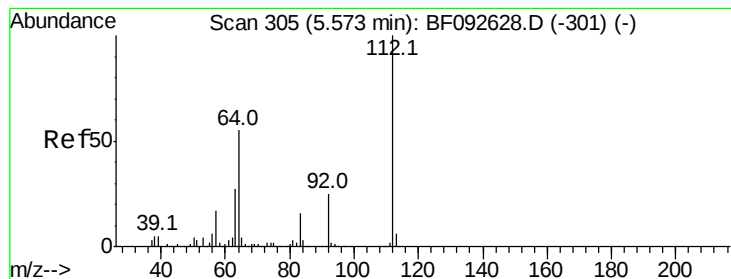
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#4
 n-Nitrosodimethylamine
 Concen: 43.48 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.09 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.3	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 133.23 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.1	69.1
63	31.6	23.8	35.6

Instrument :

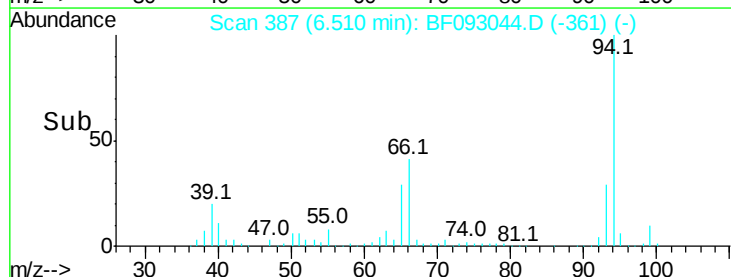
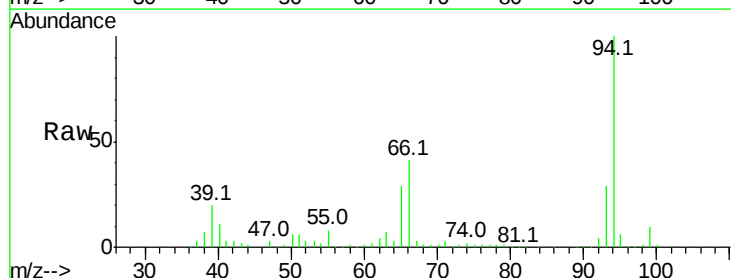
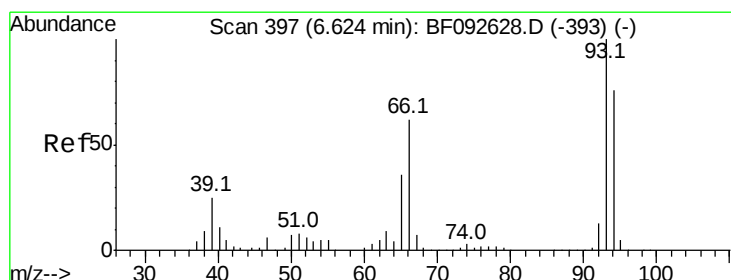
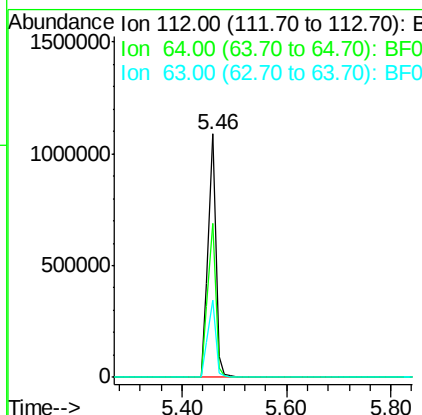
BNA_F

ClientSampleId :

B1-2MSD

Manual Integrations
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#6

Aniline

Concen: 12.82 ng m

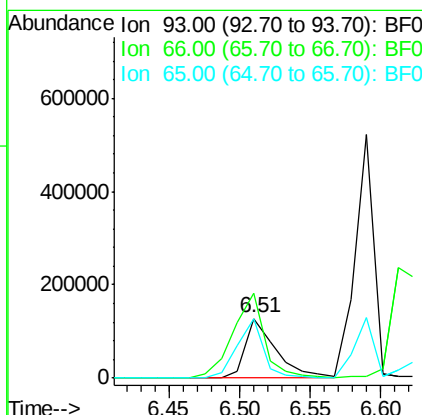
RT: 6.51 min Scan# 387

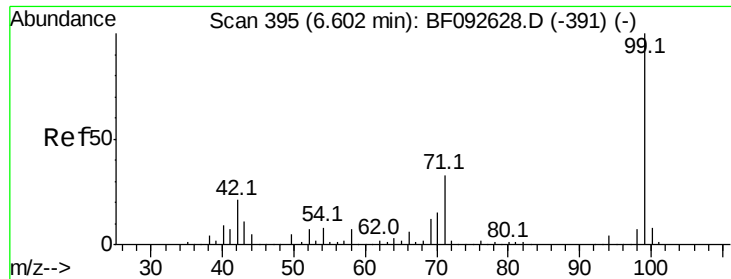
Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	142.3	76.2	114.2#
65	99.4	49.3	73.9#





#7

Phenol-d6

Concen: 126.15 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

ClientSampleId :

B1-2MSD

Tot Ion: 99 Resp: 1375936

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

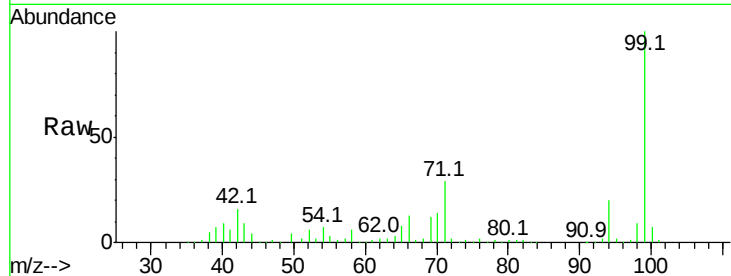
71 29.2 27.5 41.3

Manual Integrations

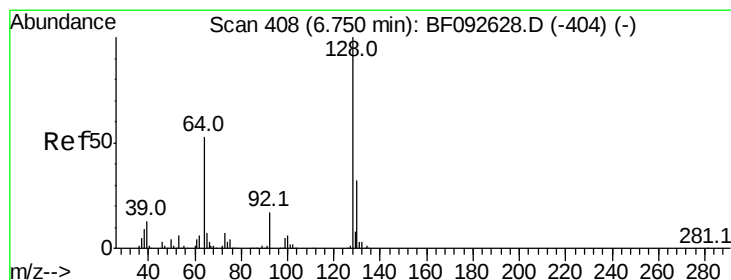
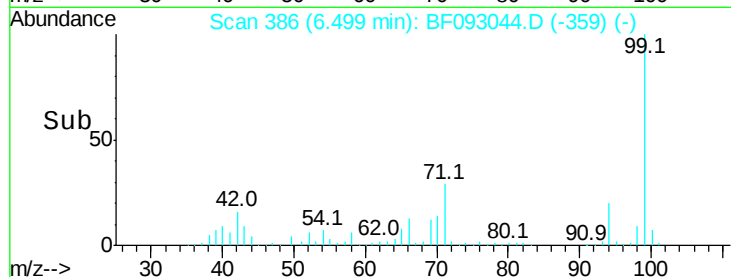
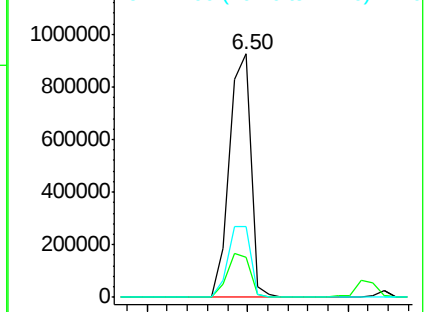
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.46 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

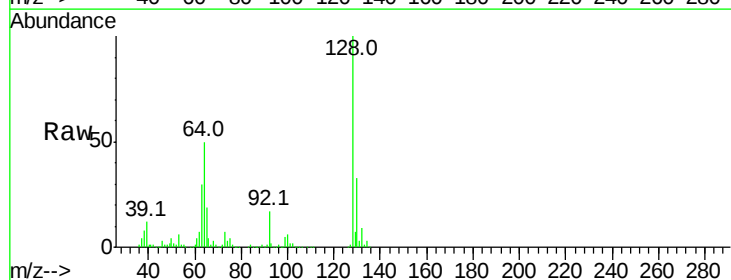
Tgt Ion:128 Resp: 443867

Ion Ratio Lower Upper

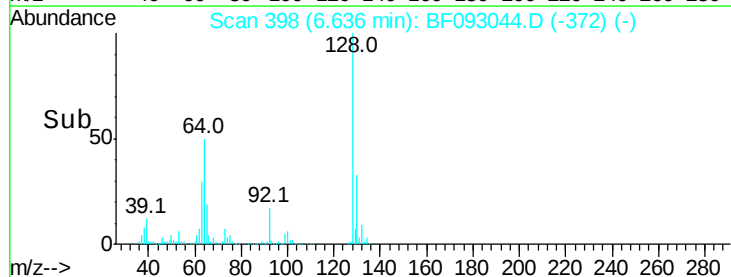
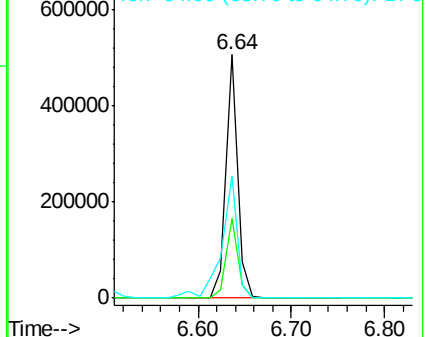
128 100

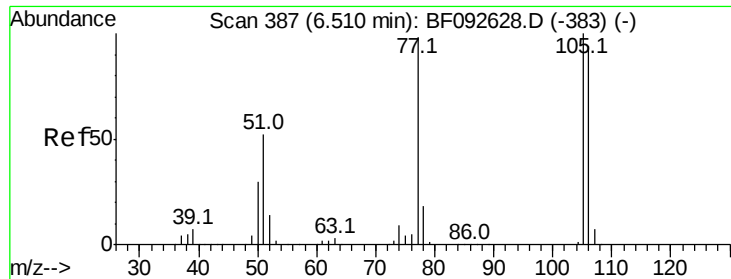
130 32.5 12.3 52.3

64 50.1 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: 8.93 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

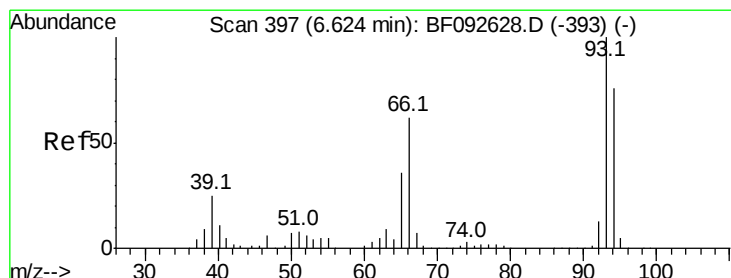
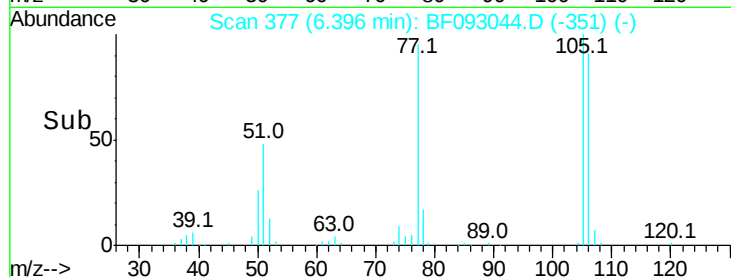
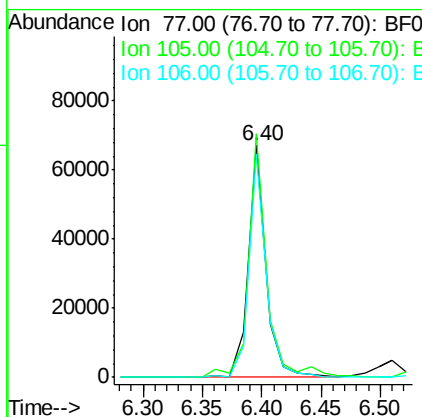
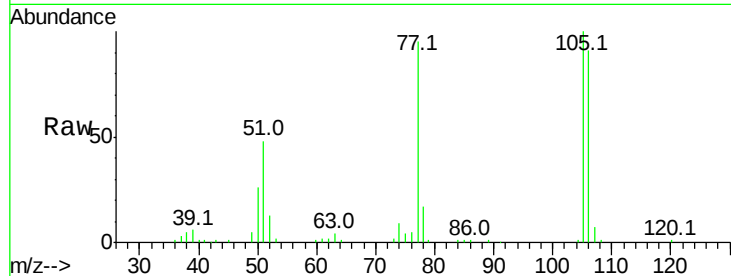
ClientSampleId :

B1-2MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	83.9	123.9
106	96.0	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 36.50 ng m

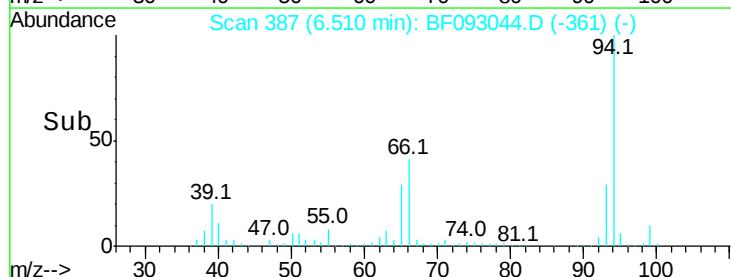
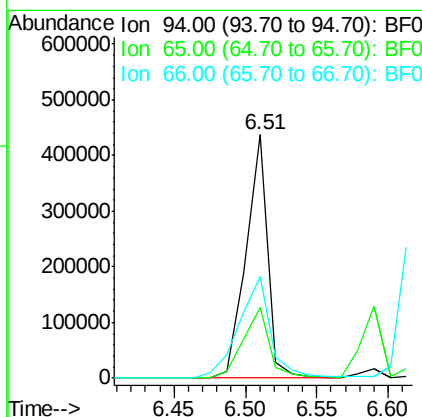
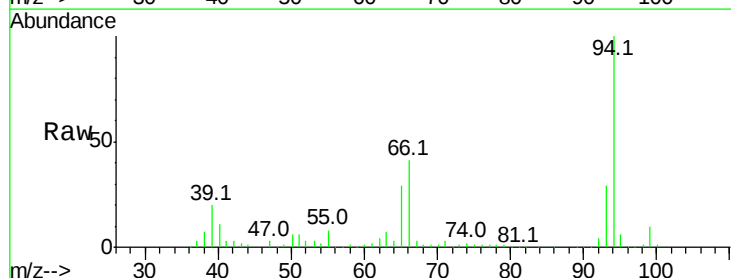
RT: 6.51 min Scan# 387

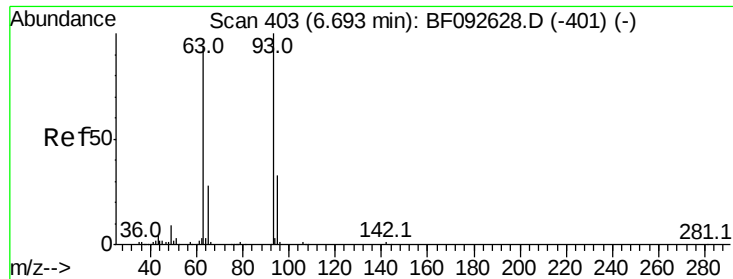
Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	21.4	61.4
66	41.5	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.86 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

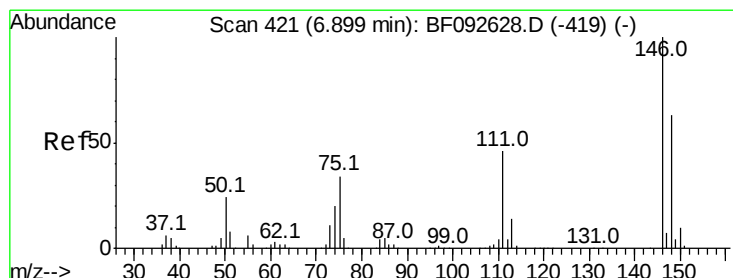
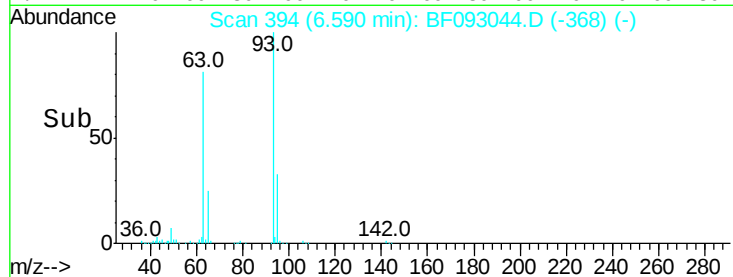
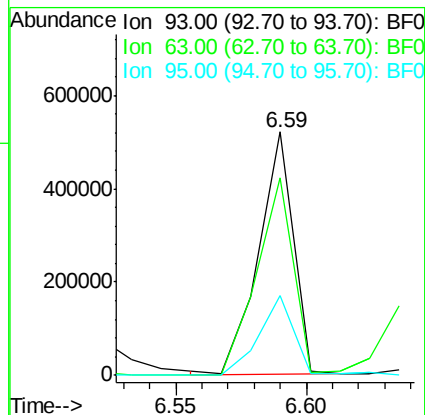
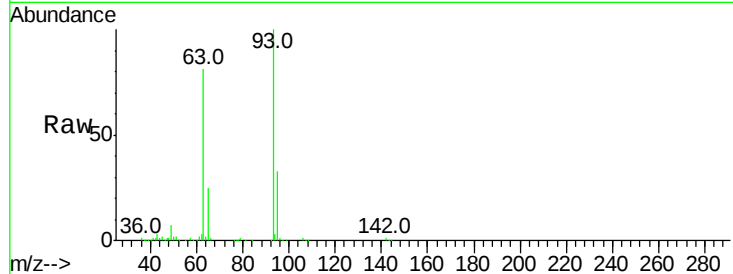
ClientSampleId :

B1-2MSD

Tot Ion:	93	Resp:	477308
Ion Ratio	Lower	Upper	
93	100		
63	81.3	60.4	100.4
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.31 ng m

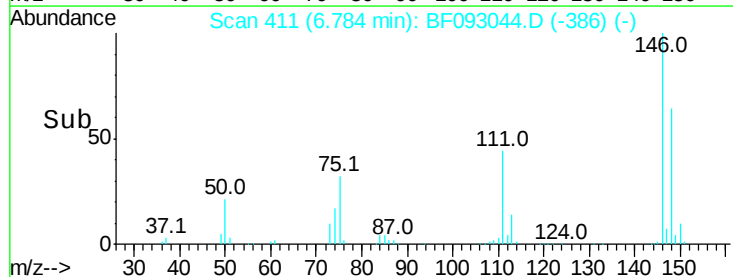
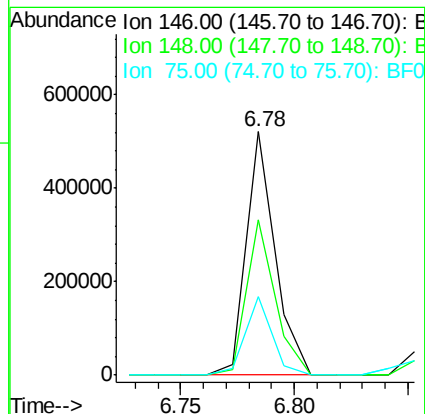
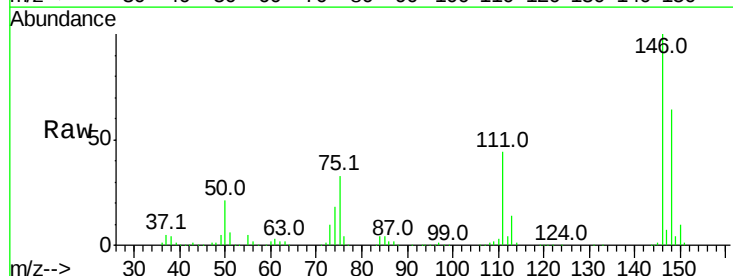
RT: 6.78 min Scan# 411

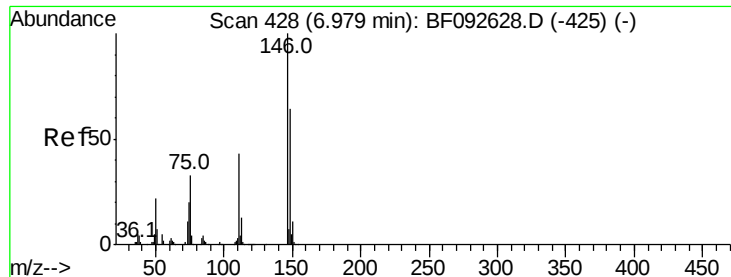
Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	146	Resp:	463474
Ion Ratio	Lower	Upper	
146	100		
148	63.7	53.4	80.0
75	32.5	18.5	27.7#





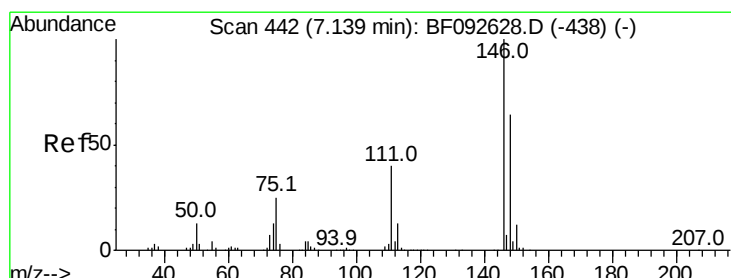
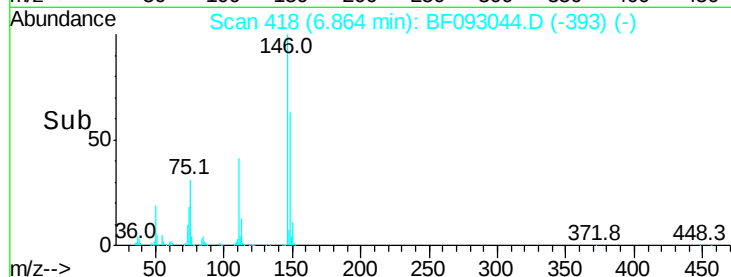
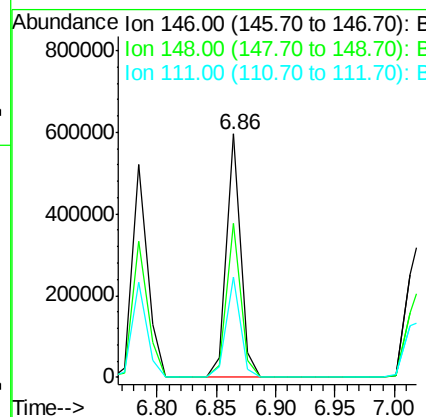
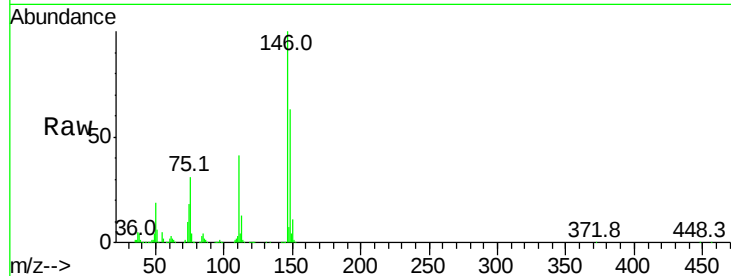
#13
 1,4-Dichlorobenzene
 Concen: 44.07 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.4	50.6	76.0	
111	41.3	36.2	54.4	

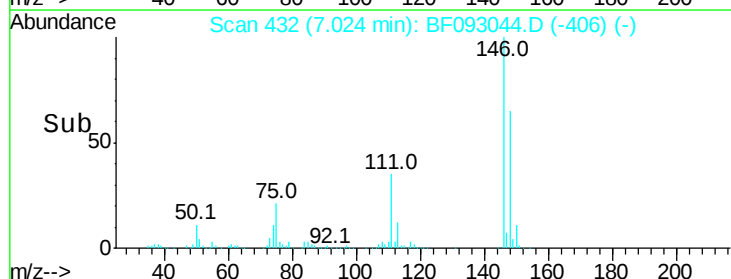
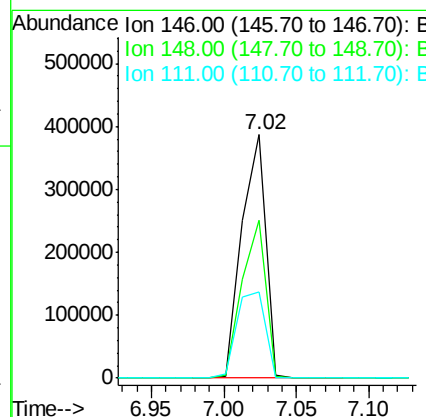
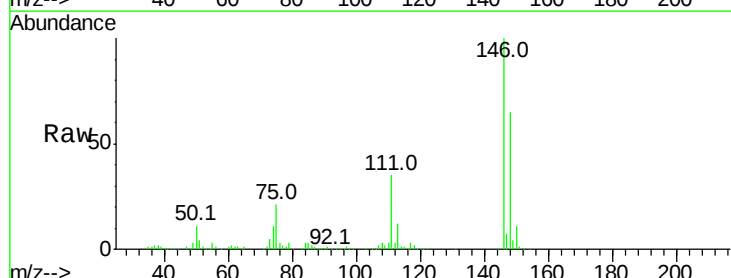
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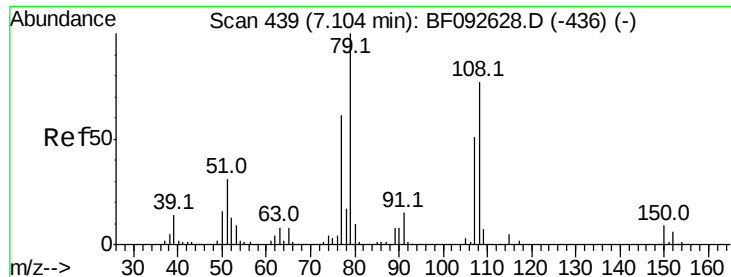
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#14
 1,2-Dichlorobenzene
 Concen: 41.86 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.0	52.2	78.2	
111	35.2	36.2	54.2	





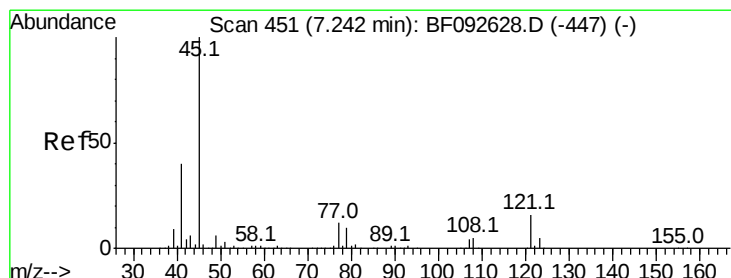
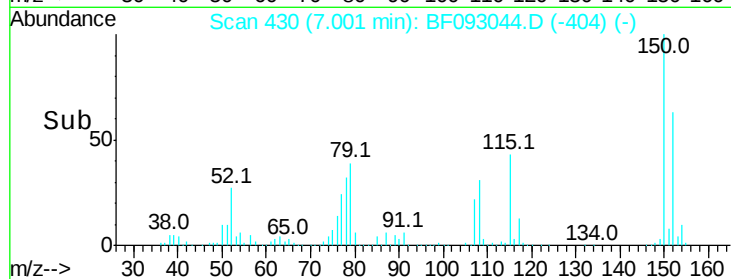
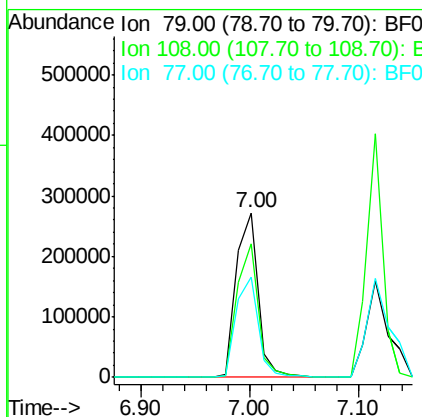
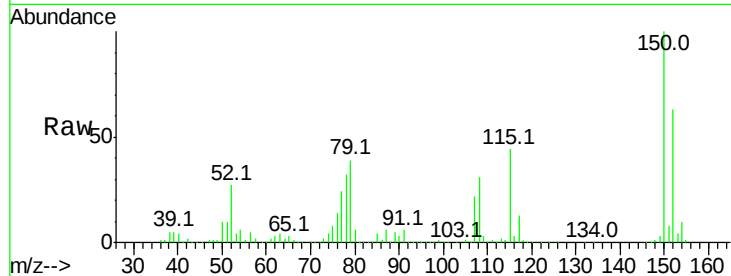
#15
Benzyl Alcohol
Concen: 46.85 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampled :
B1-2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	61.4	92.0
77	61.0	50.9	76.3

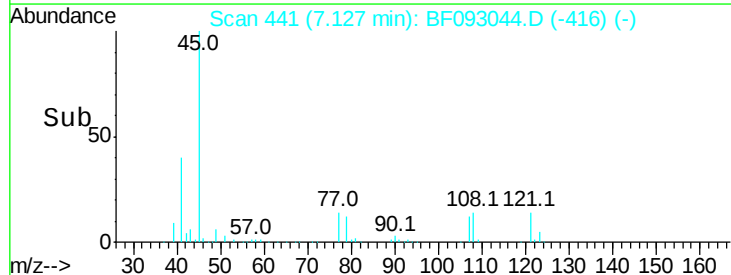
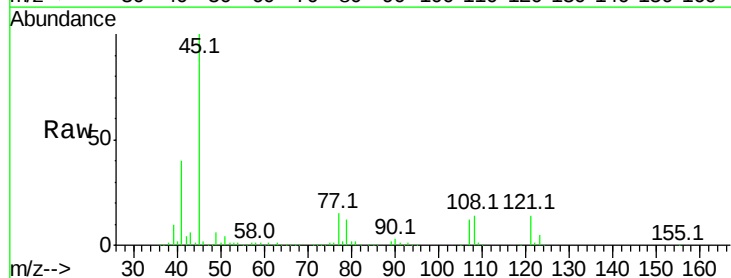
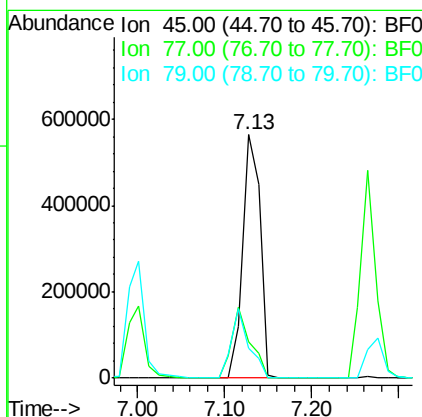
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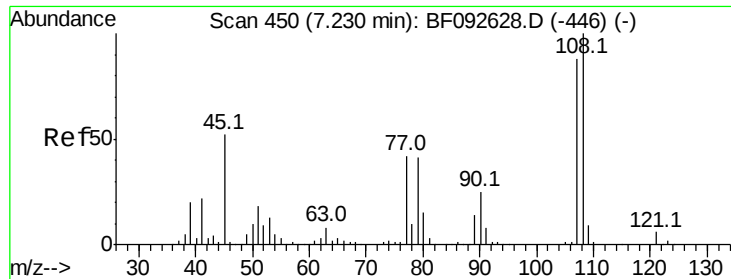
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.54 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.6
79	12.2	0.0	31.2





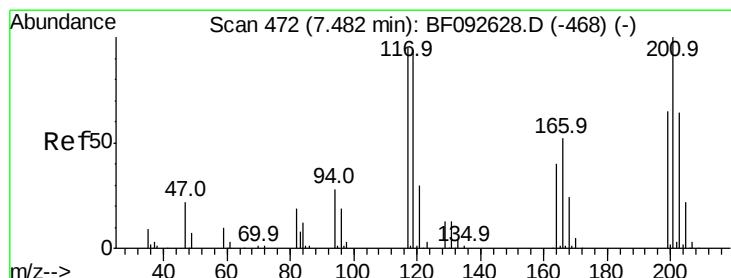
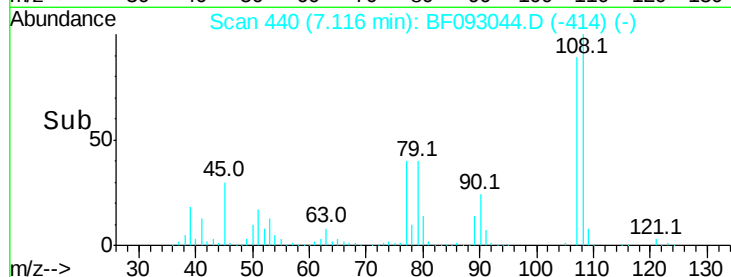
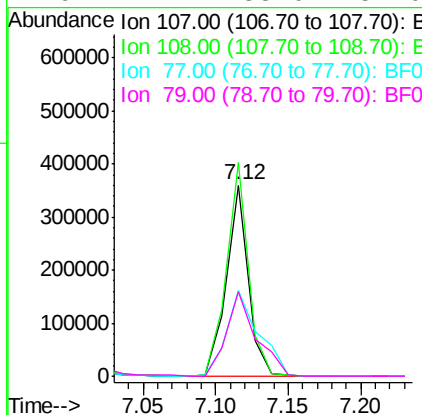
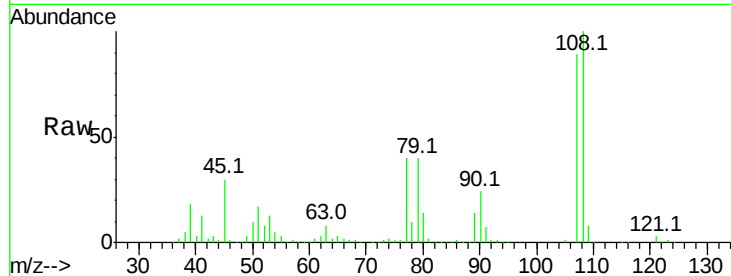
#17
2-Methylphenol
Concen: 46.78 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		375310		
108	111.8	93.0	139.6		
77	45.2	39.8	59.8		
79	44.4	38.0	57.0		

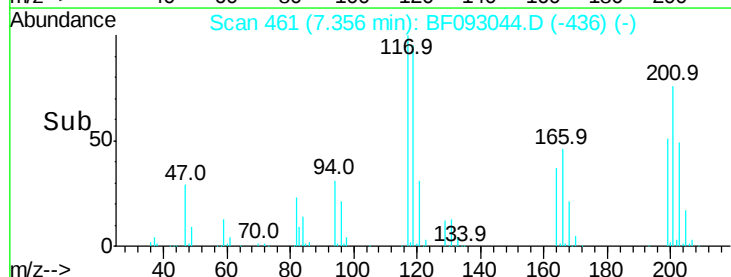
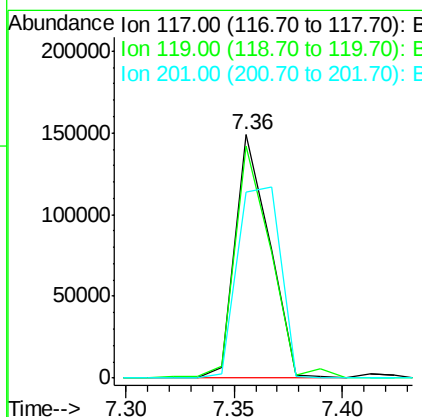
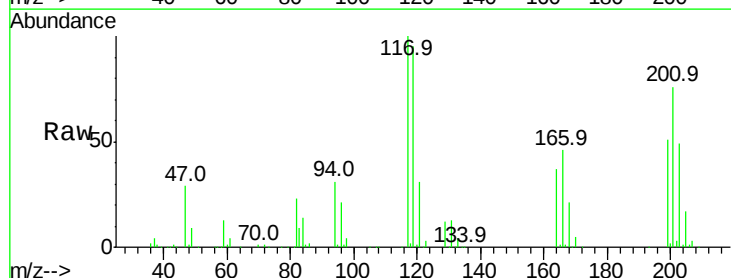
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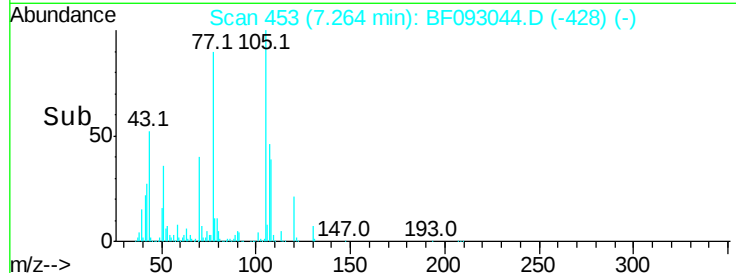
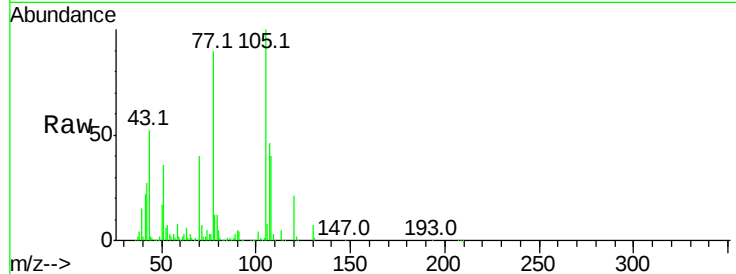
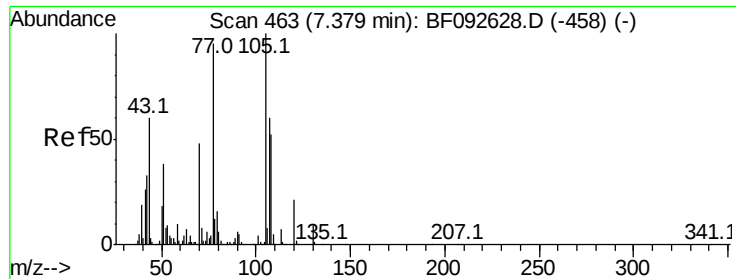
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#18
Hexachloroethane
Concen: 42.83 ng m
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		162069		
119	95.3	78.1	117.1		
201	76.3	78.6	117.8#		





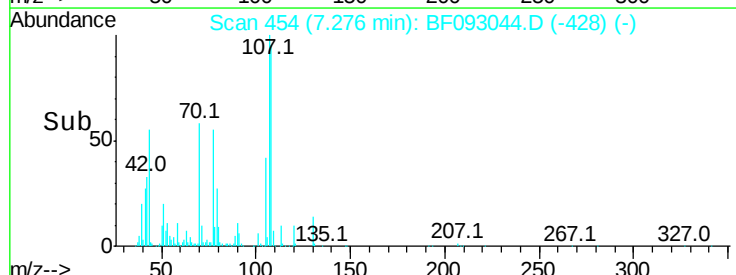
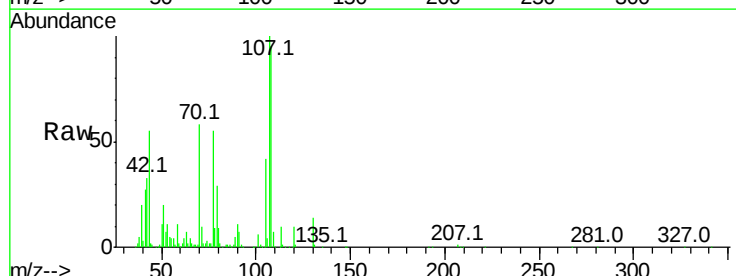
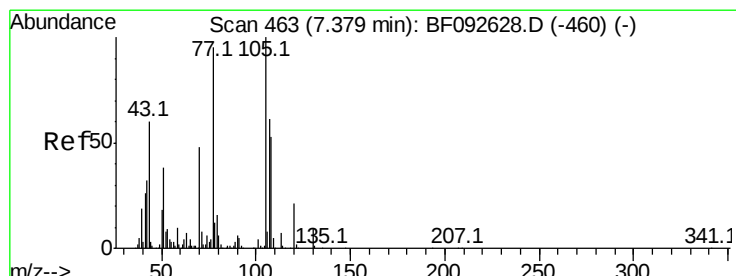
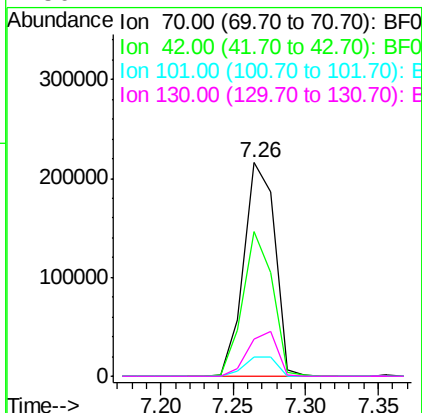
#19
n-Nitroso-di-n-propylamine
Concen: 46.22 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.6	49.4	74.0
101	9.2	7.4	11.2
130	17.7	14.2	21.4

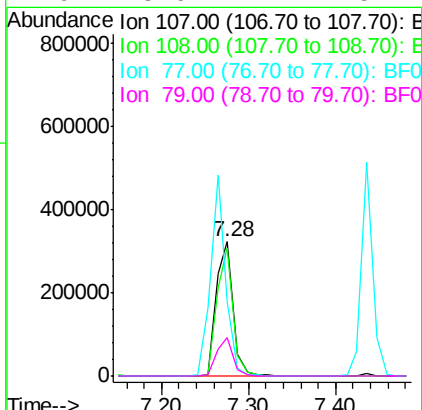
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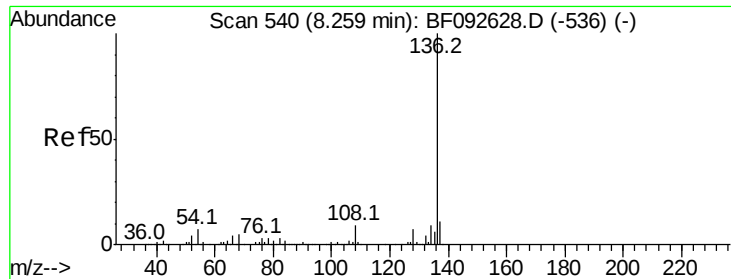
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#20
3+4-Methylphenols
Concen: 45.66 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	73.0	113.0
77	55.3	71.3	111.3#
79	28.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

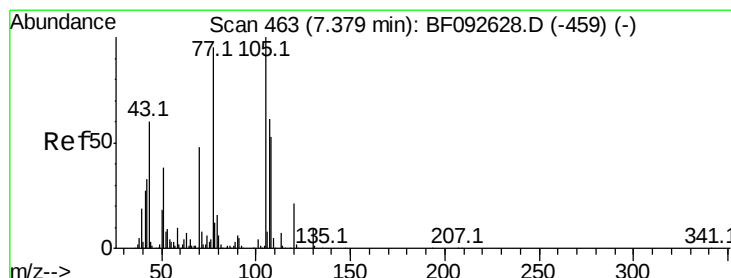
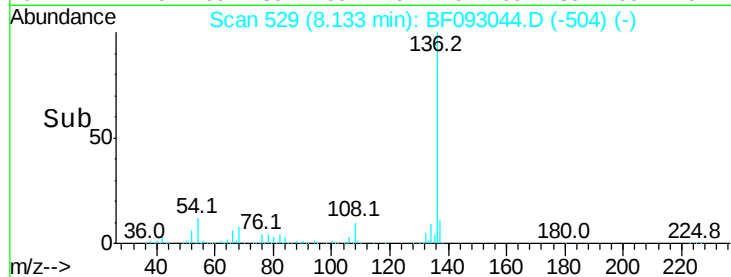
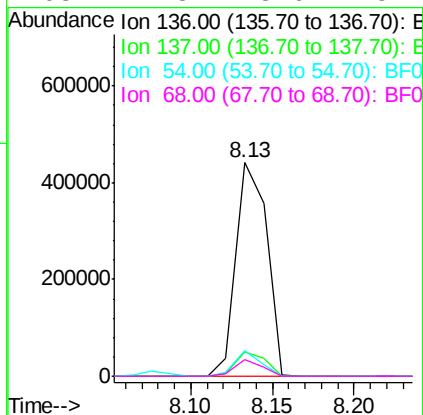
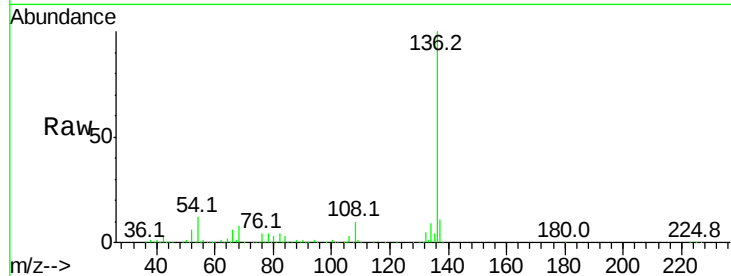
ClientSampleId :

B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	577057		
137	11.1		8.4	12.6
54	11.9		4.5	6.7#
68	7.8		3.6	5.4#

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#22

Acetophenone

Concen: 45.56 ng

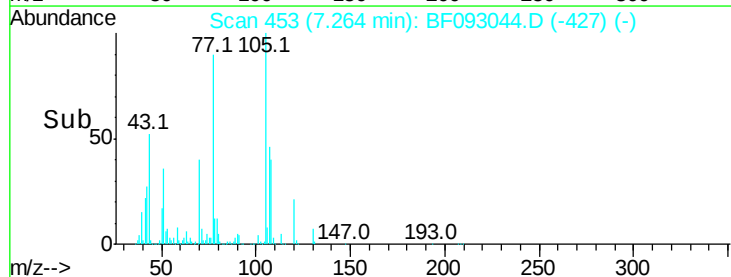
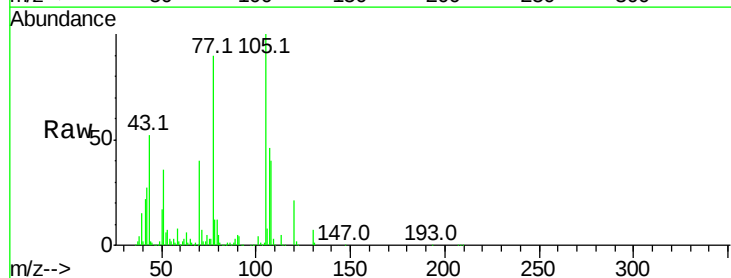
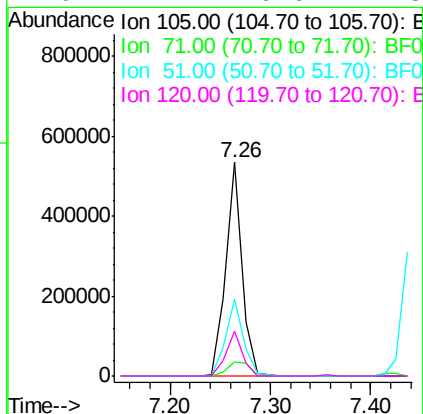
RT: 7.26 min Scan# 453

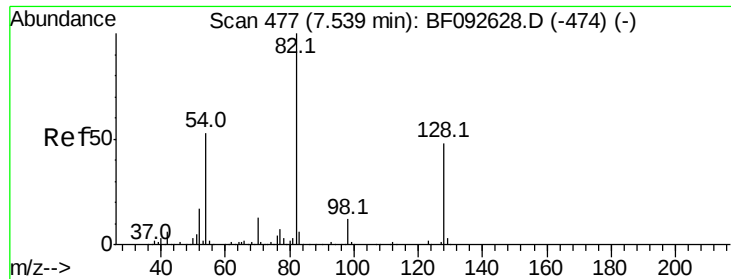
Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	600248		
71	6.7		3.2	4.8#
51	36.1		26.2	39.4
120	21.2		16.6	24.8





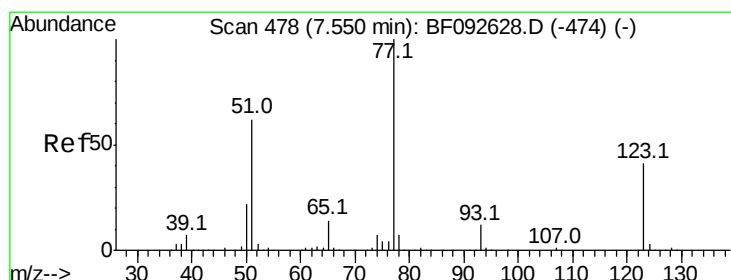
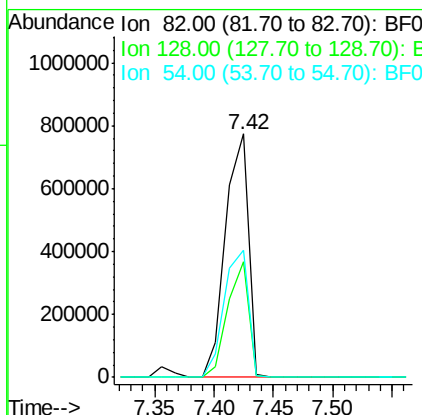
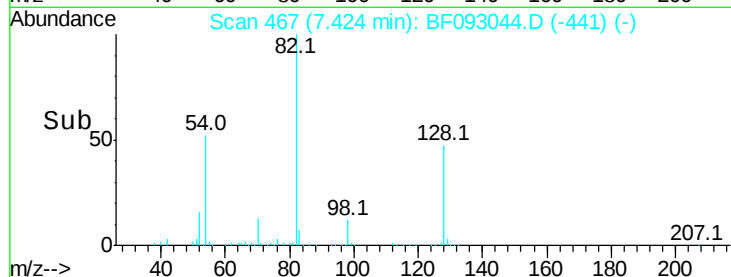
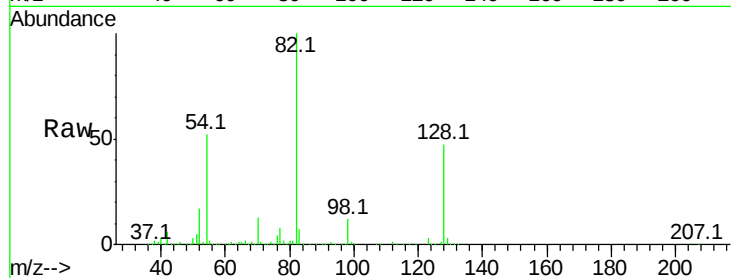
#23
 Nitrobenzene-d5
 Concen: 99.86 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion: 82 Resp: 1034806
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 52.0
 54 52.1 39.5 59.3

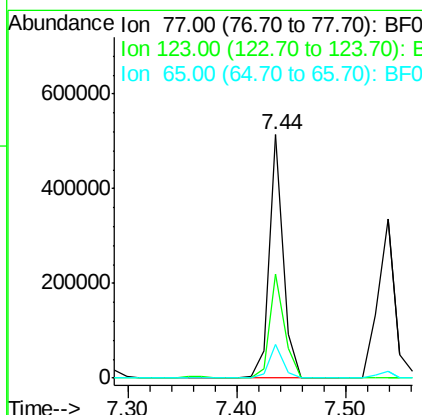
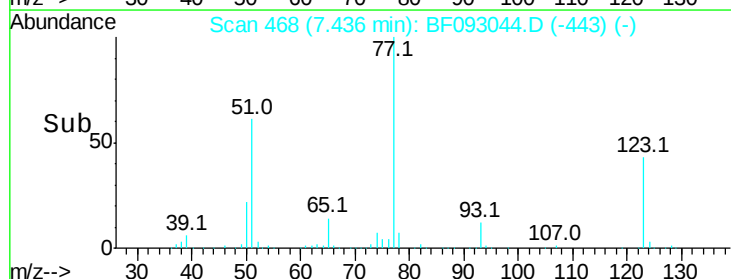
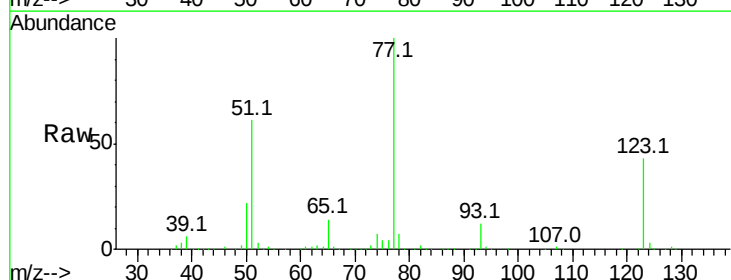
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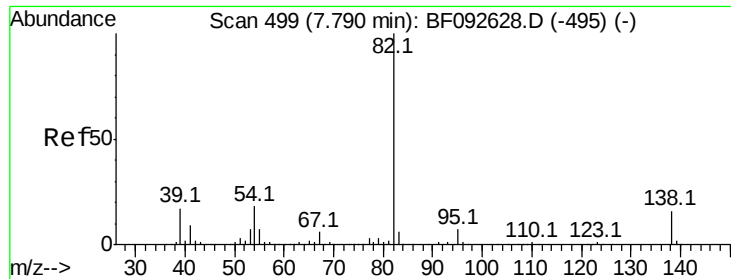
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#24
 Nitrobenzene
 Concen: 43.25 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion: 77 Resp: 460152
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 46.83 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

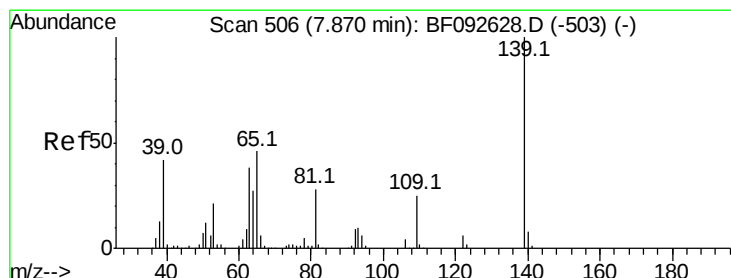
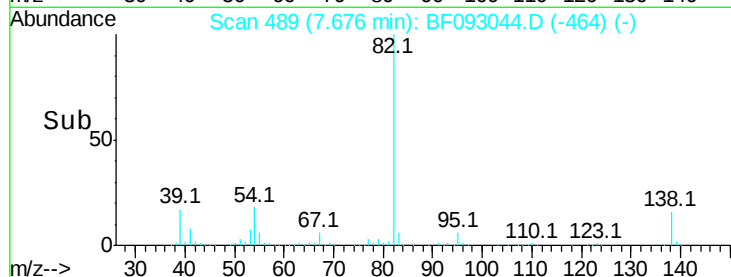
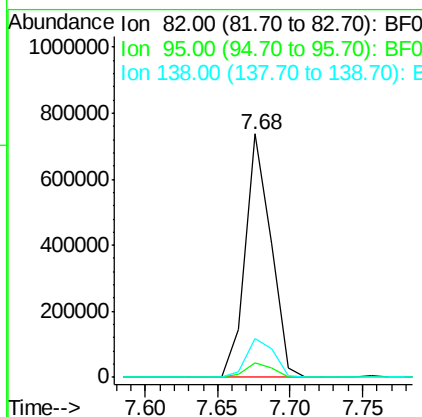
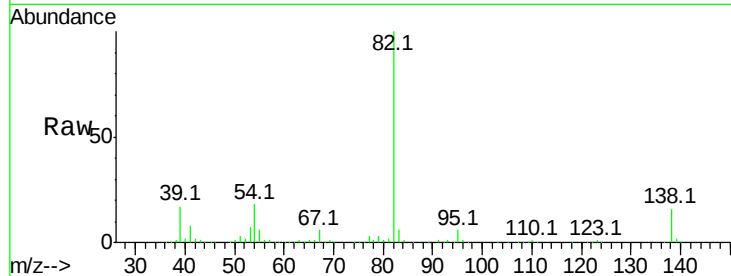
ClientSampleId :

B1-2MSD

Tot Ion:	82	Resp:	904329
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.6	8.4
138	15.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.08 ng

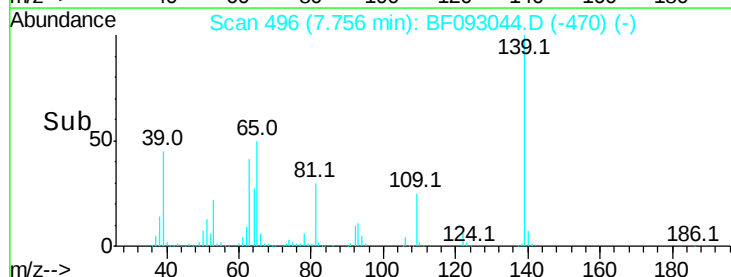
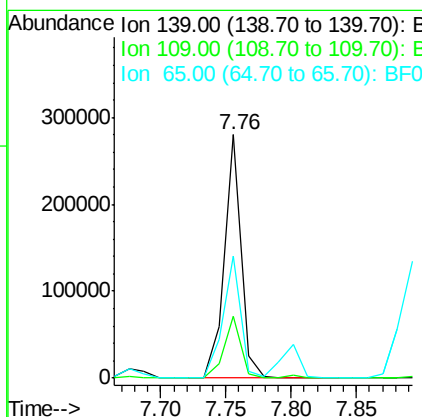
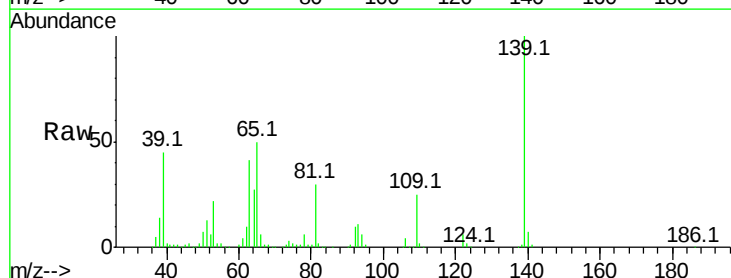
RT: 7.76 min Scan# 496

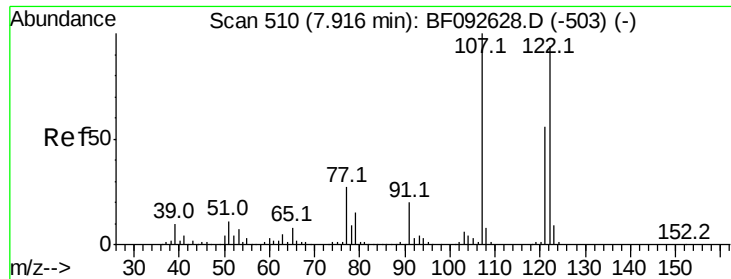
Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	139	Resp:	253293
Ion Ratio	Lower	Upper	
139	100		
109	25.4	23.3	34.9
65	49.9	42.7	64.1





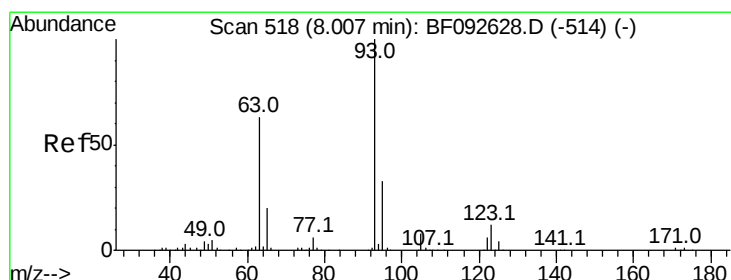
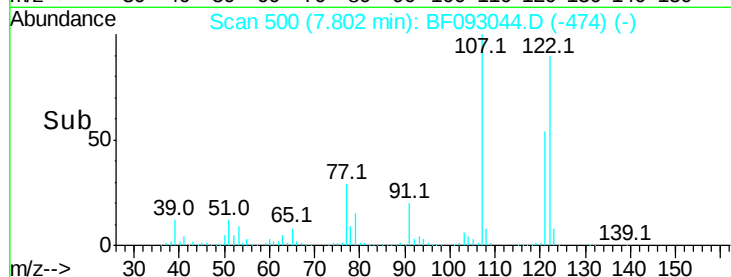
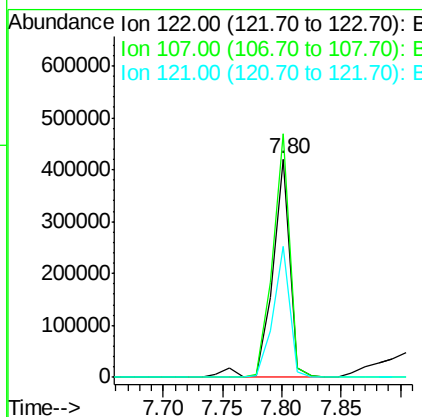
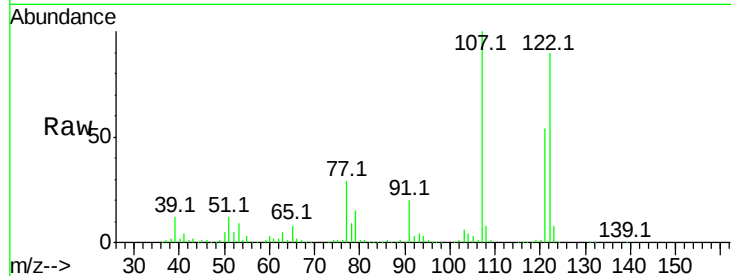
#27
2,4-Dimethylphenol
Concen: 48.33 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	429301		
107	111.4	94.1	141.1	
121	60.1	46.0	69.0	

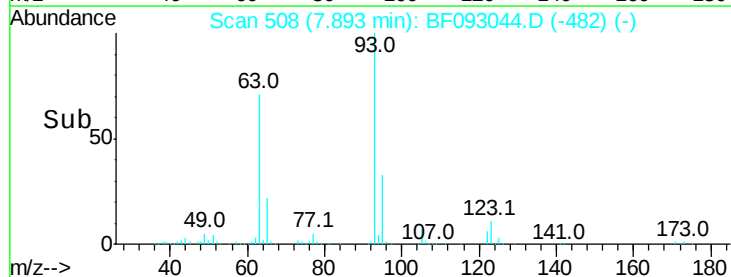
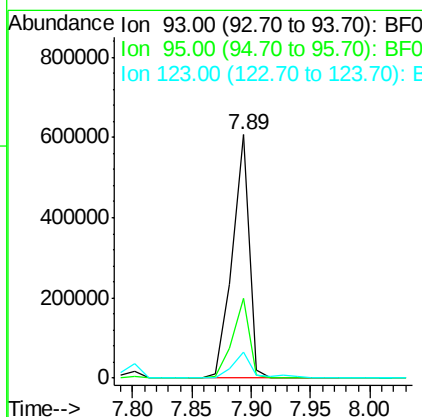
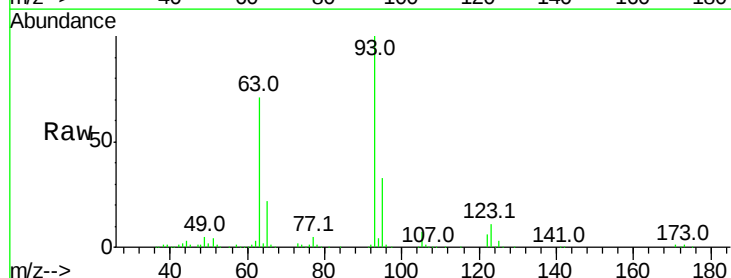
Manual Integrations
APPROVED

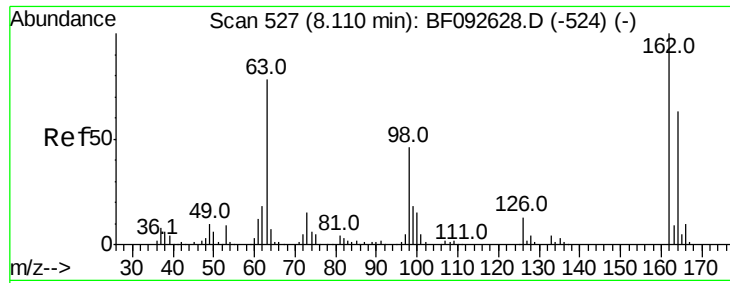
mohammad
2/21/2017 3:57:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.10 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	602379		
95	32.9	26.5	39.7	
123	10.9	8.6	13.0	





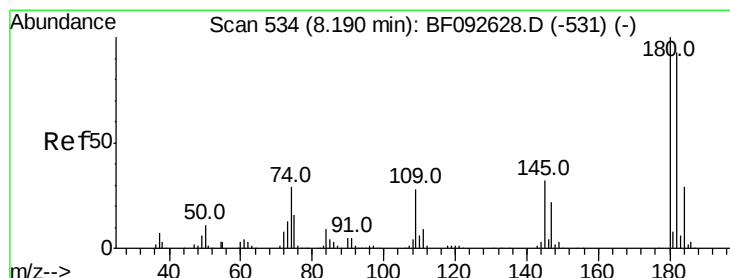
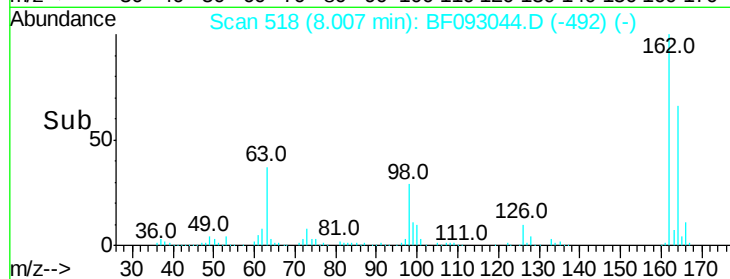
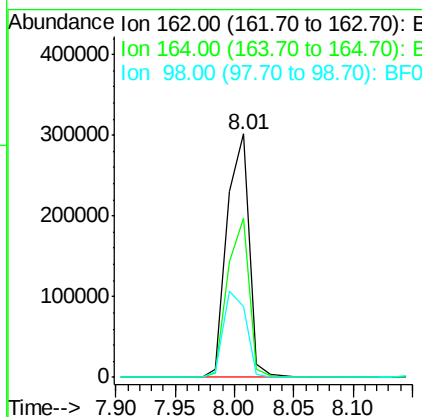
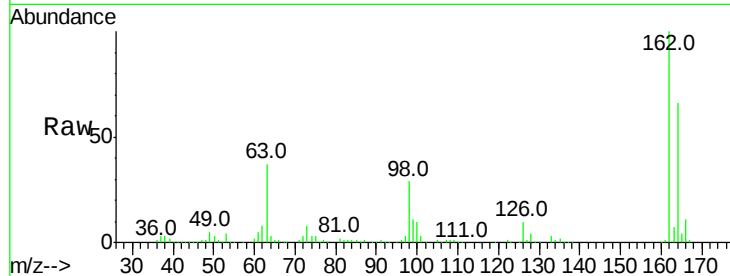
#29
 2,4-Dichlorophenol
 Concen: 46.75 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	387346		
164	65.5	46.8	86.8	
98	29.1	9.1	49.1	

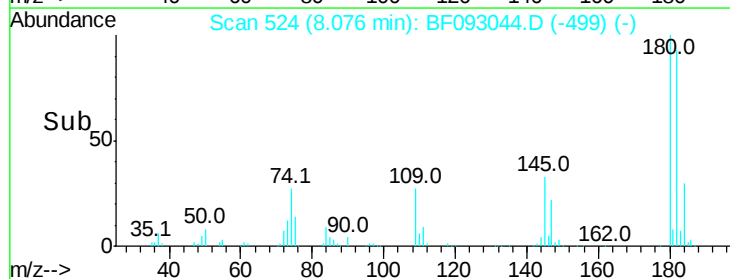
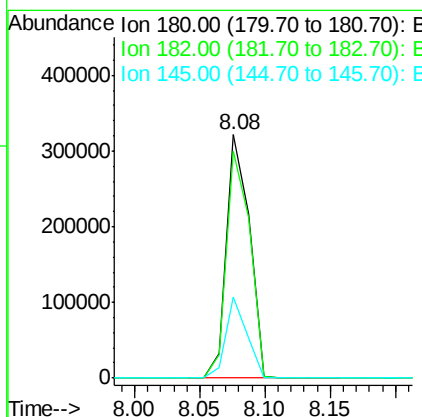
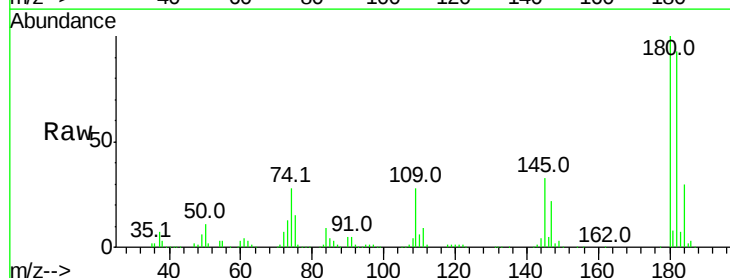
Manual Integrations
 APPROVED

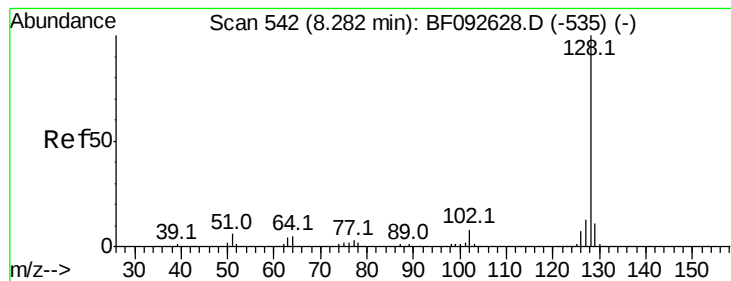
mohammad
 2/21/2017 3:57:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.12 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	393932		
182	93.1	78.2	117.4	
145	33.4	21.6	32.4#	





#31

Naphthalene

Concen: 44.22 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

ClientSampleId :

B1-2MSD

Tot Ion:128 Resp: 1293533

Ion Ratio Lower Upper

128 100

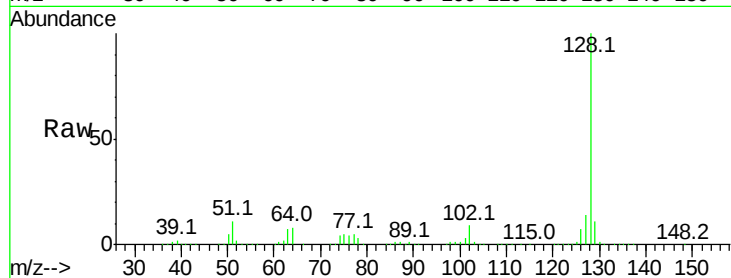
129 11.4 9.5 14.3

127 13.7 10.8 16.2

Manual Integrations
APPROVED

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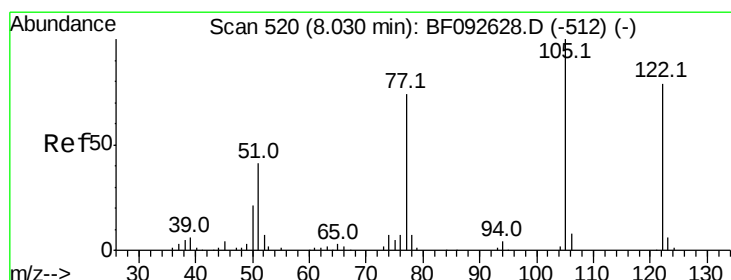
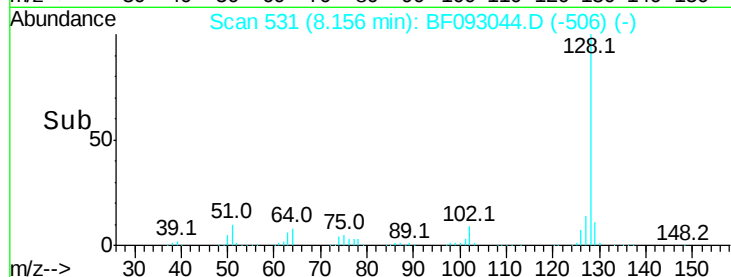
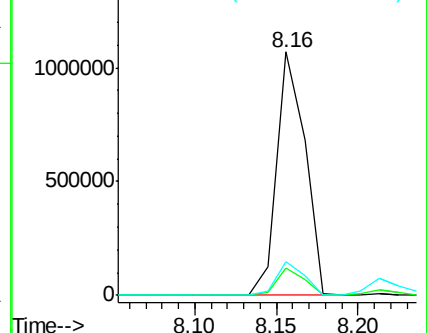
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.83 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

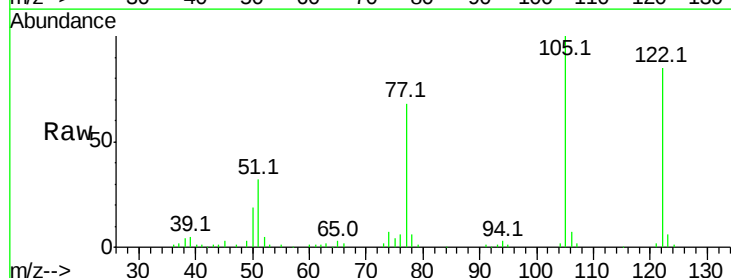
Tgt Ion:122 Resp: 246495

Ion Ratio Lower Upper

122 100

105 117.6 107.2 147.2

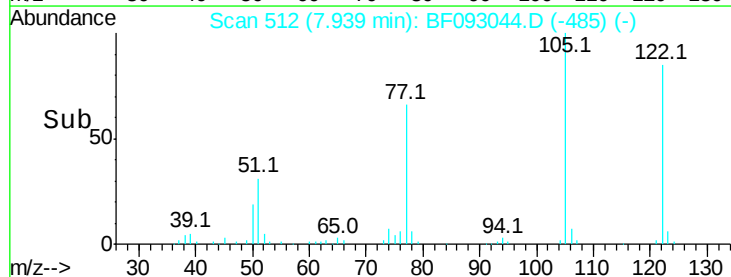
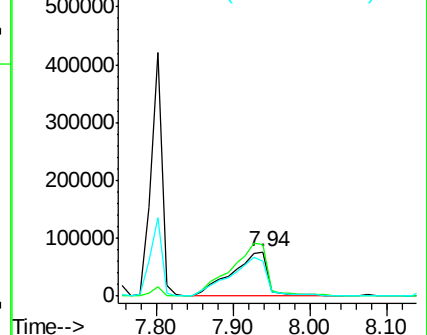
77 79.7 74.5 114.5

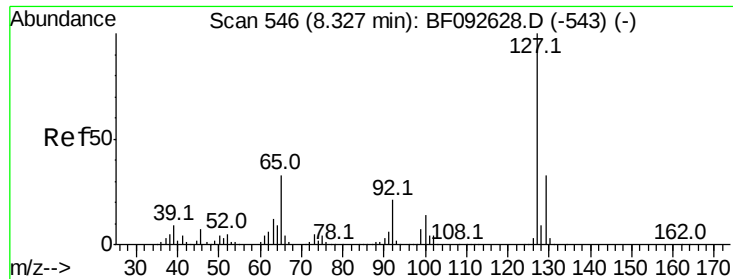


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





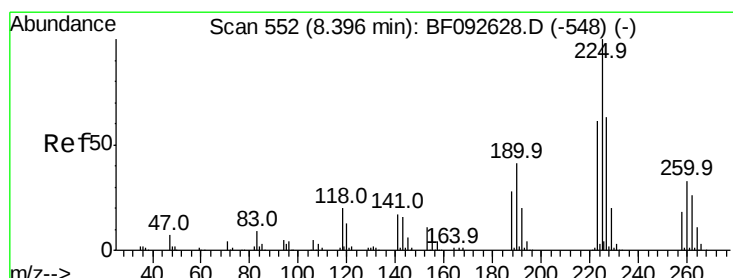
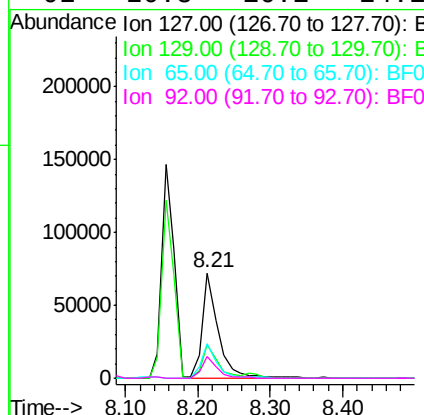
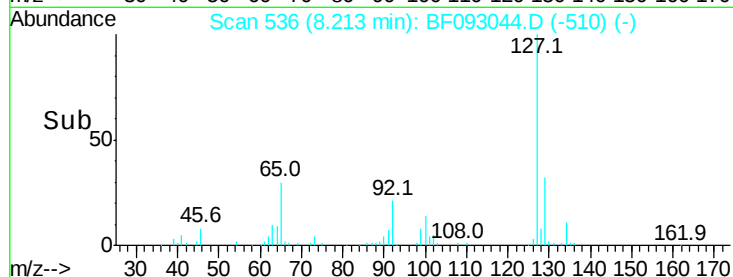
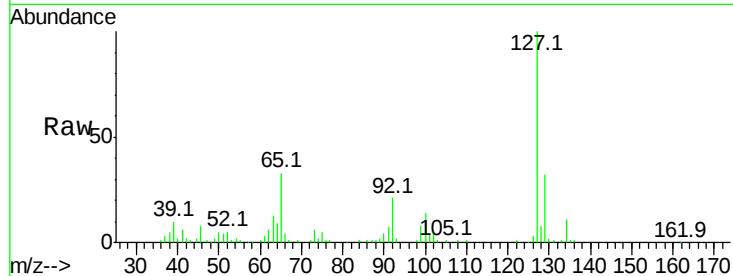
#33
4-Chloroaniline
Concen: 9.72 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	33.1	25.8	38.8	
92	20.8	16.1	24.1	

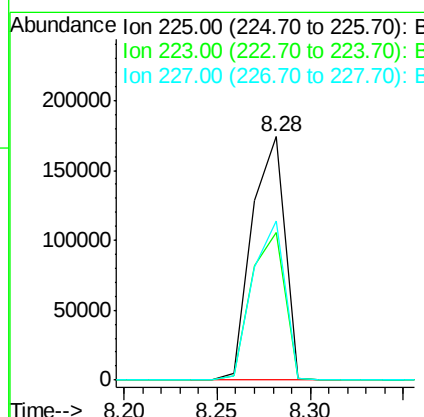
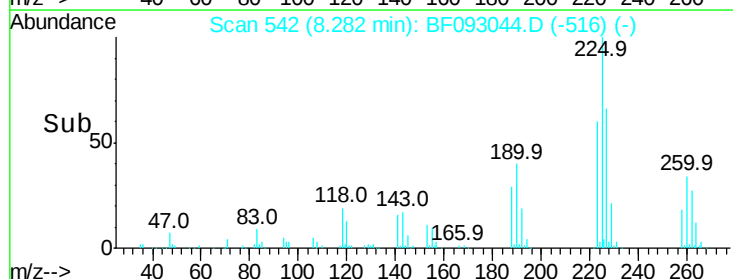
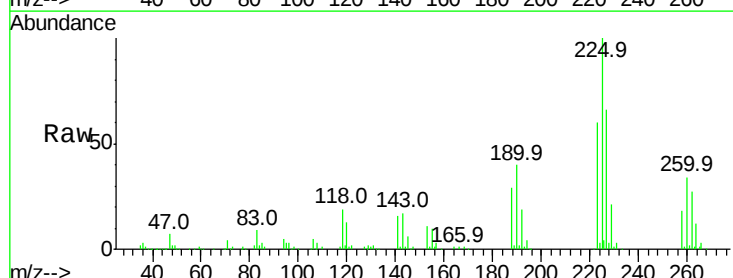
Manual Integrations
APPROVED

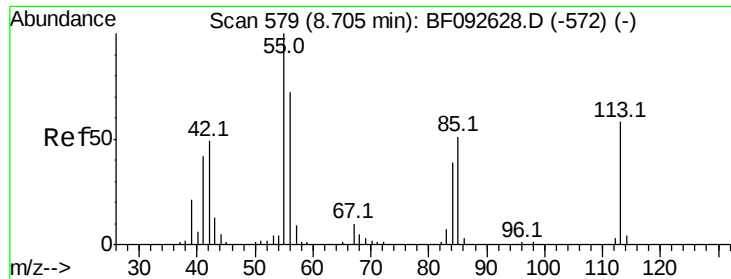
mohammad
2/21/2017 3:57:38 PM



#34
Hexachlorobutadiene
Concen: 43.22 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.4	51.0	76.6	
227	65.6	50.6	76.0	





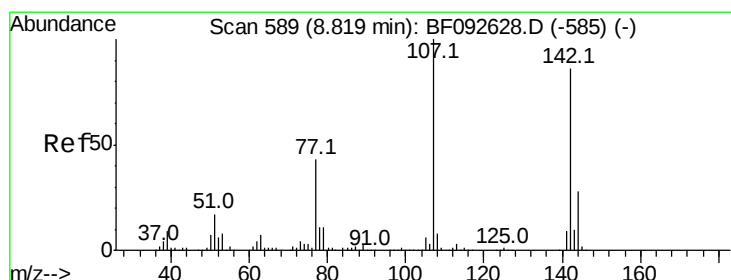
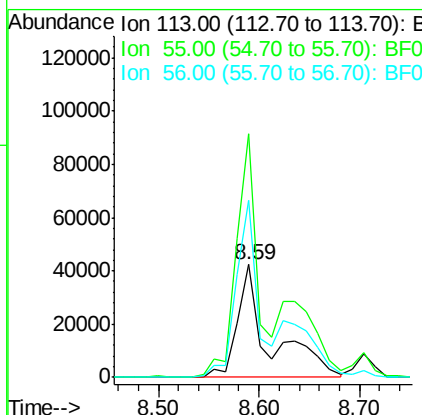
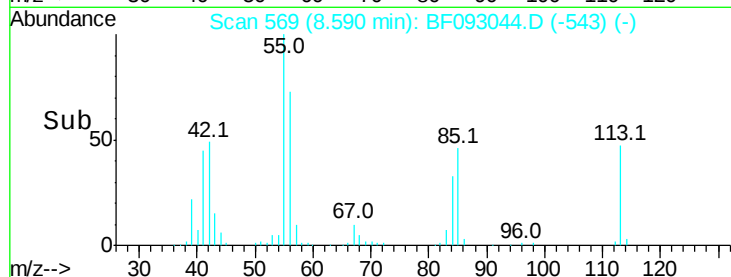
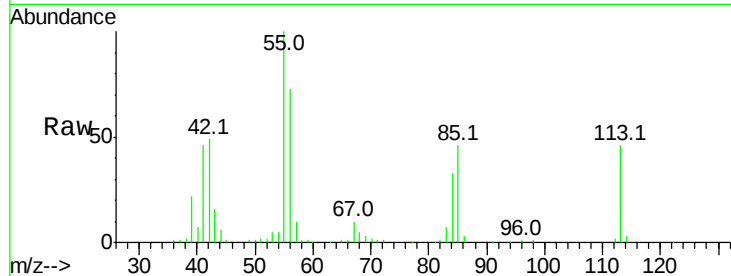
#35
 Caprolactam
 Concen: 36.24 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion:113 Resp: 94443
 Ion Ratio Lower Upper
 113 100
 55 215.9 119.2 159.2#
 56 157.1 83.8 123.8#

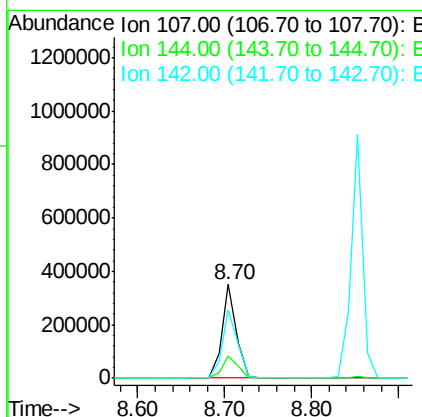
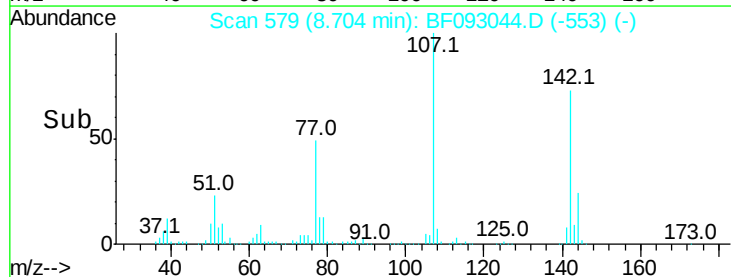
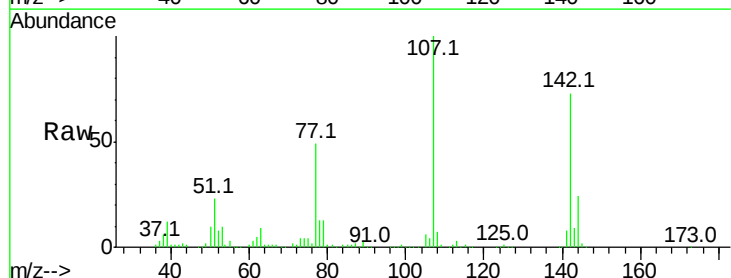
Manual Integrations
 APPROVED

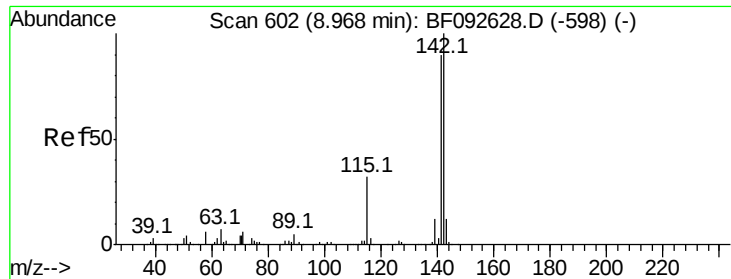
mohammad
 2/21/2017 3:57:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.55 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion:107 Resp: 402092
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.3 28.9
 142 72.8 59.0 88.6





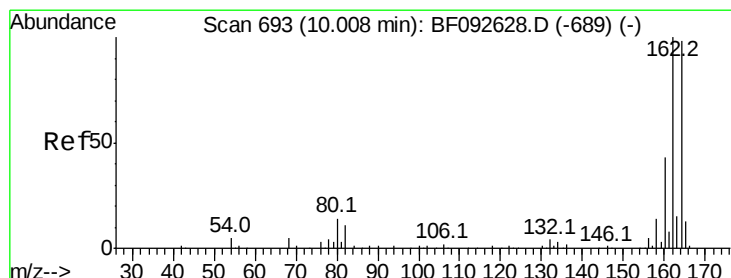
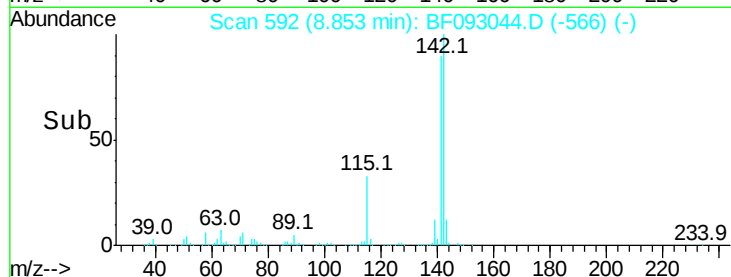
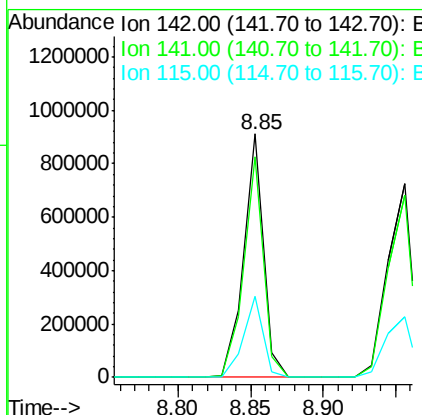
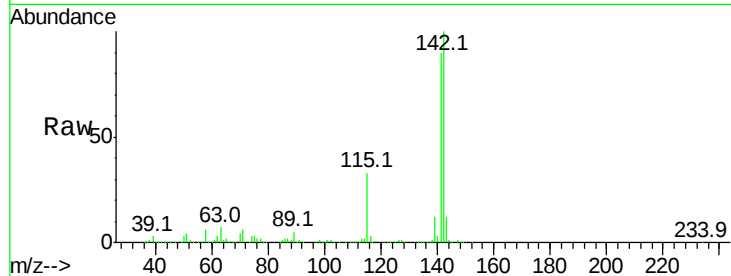
#37
2-Methylnaphthalene
Concen: 46.21 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	33.4	28.3	42.5

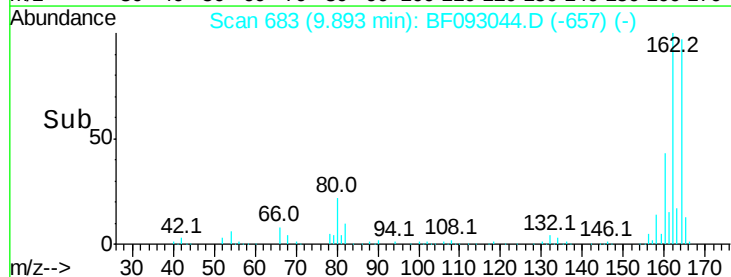
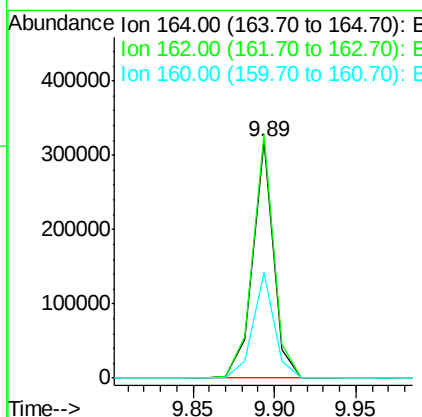
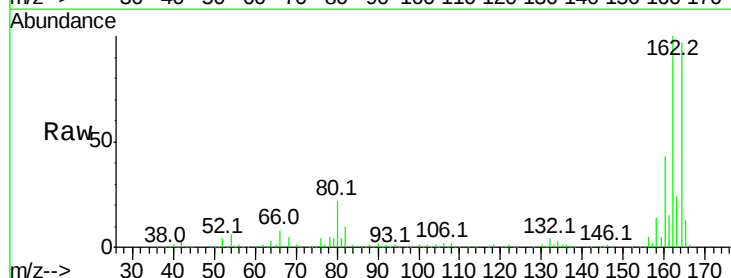
Manual Integrations
APPROVED

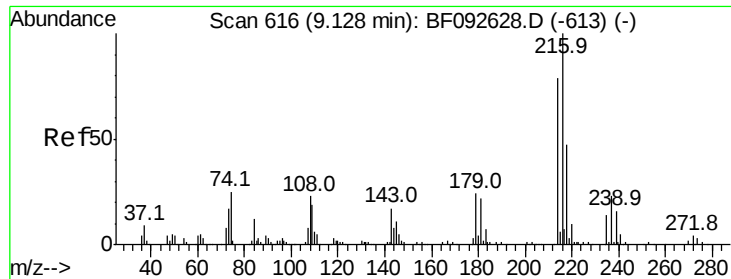
mohammad
2/21/2017 3:57:38 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	44.4	36.9	55.3





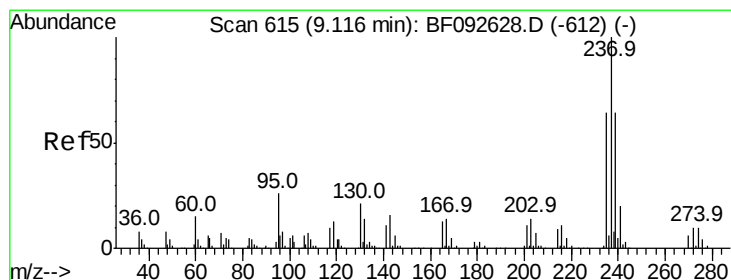
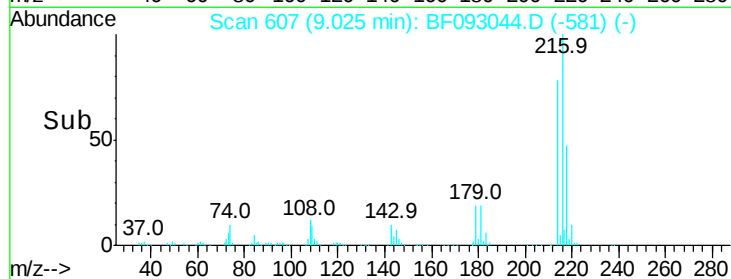
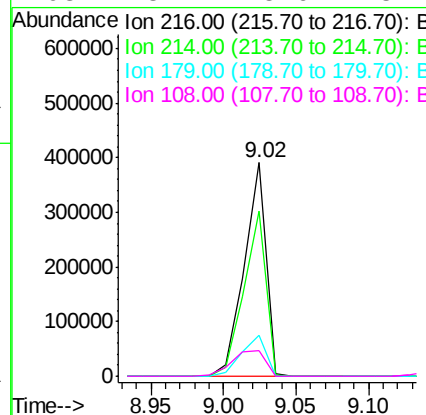
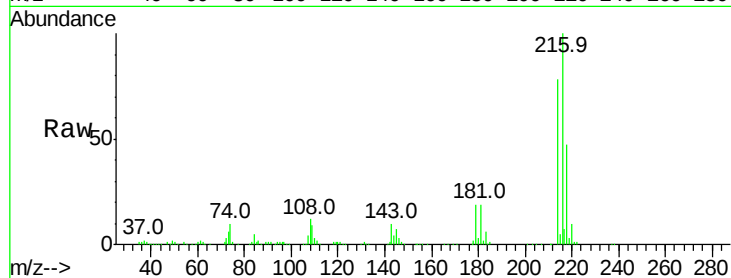
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.44 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	409085		
214	78.7	63.4	95.0	
179	21.1	17.4	26.2	
108	18.4	15.6	23.4	

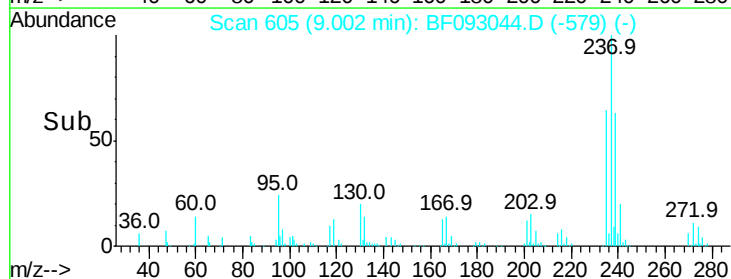
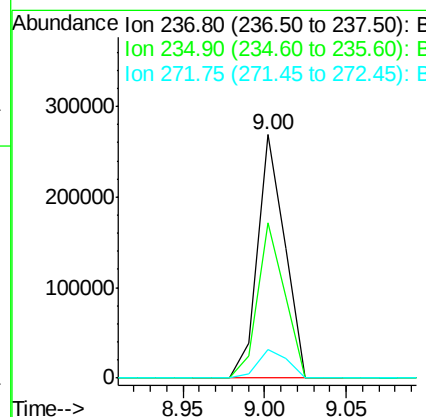
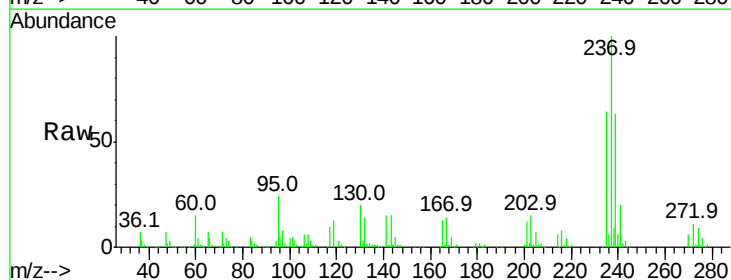
Manual Integrations
 APPROVED

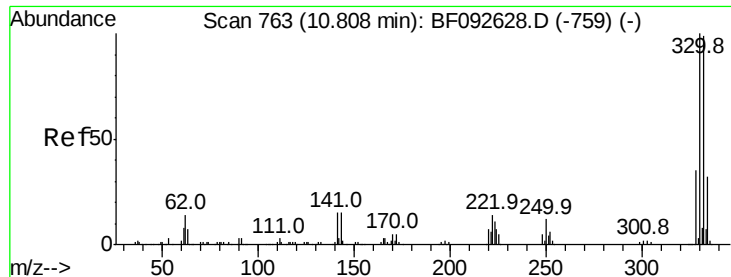
mohammad
 2/21/2017 3:57:38 PM



#40
 Hexachlorocyclopentadiene
 Concen: 86.54 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	310532		
235	64.0	41.2	81.2	
272	11.5	0.0	35.4	





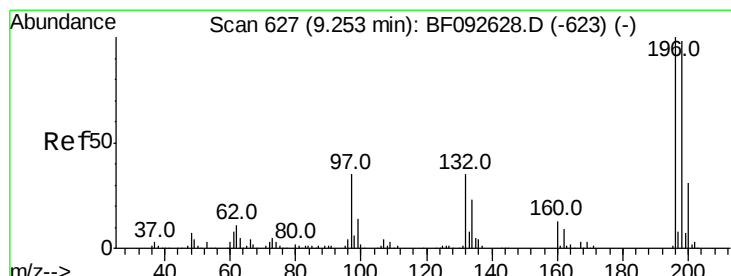
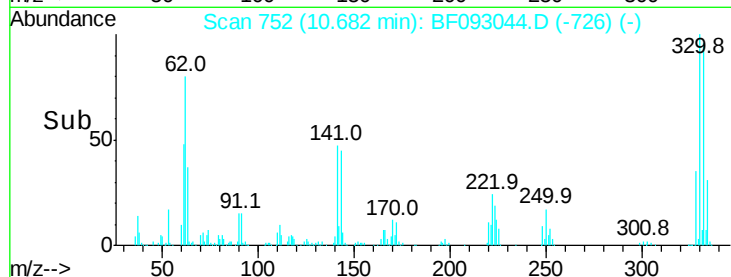
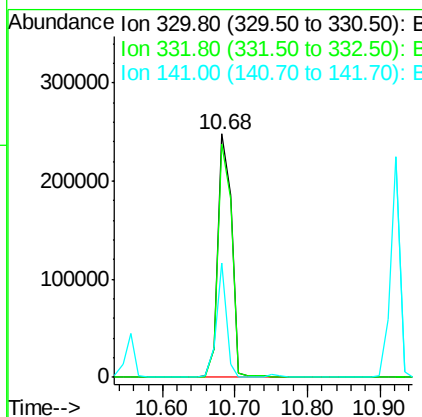
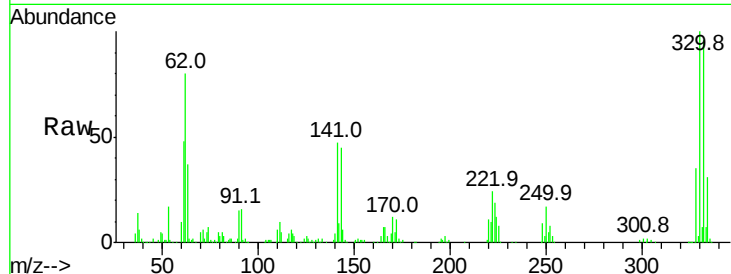
#41
 2,4,6-Tribromophenol
 Concen: 159.33 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	326499		
332	97.1		77.4	116.2
141	34.4		34.1	51.1

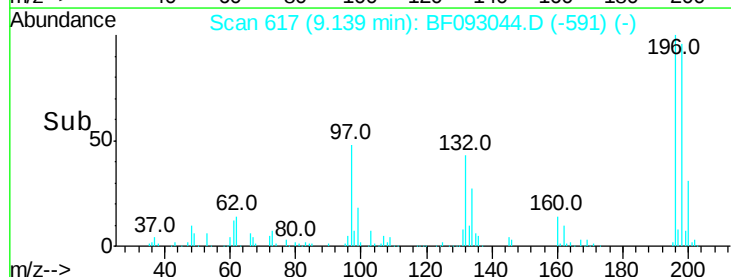
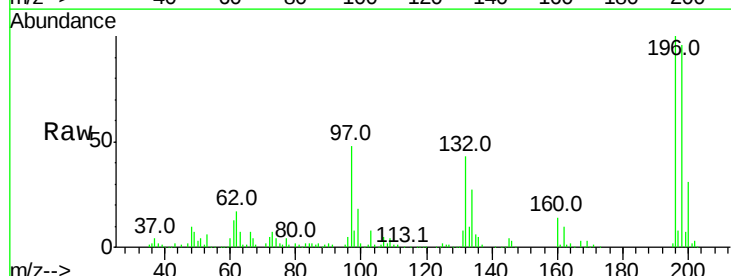
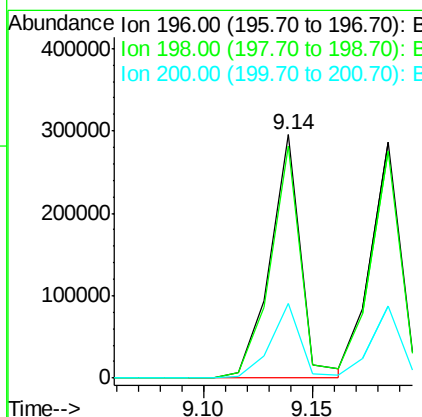
Manual Integrations
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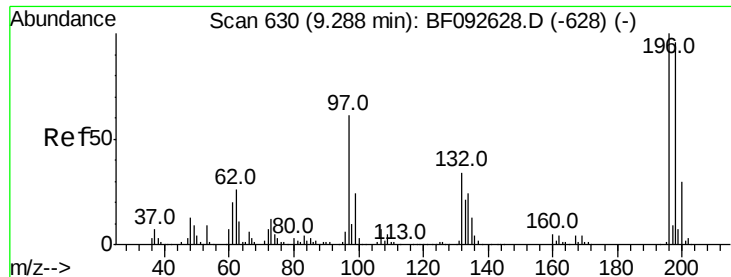
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 55.49 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289973		
198	95.5		82.1	123.1
200	30.7		27.0	40.4





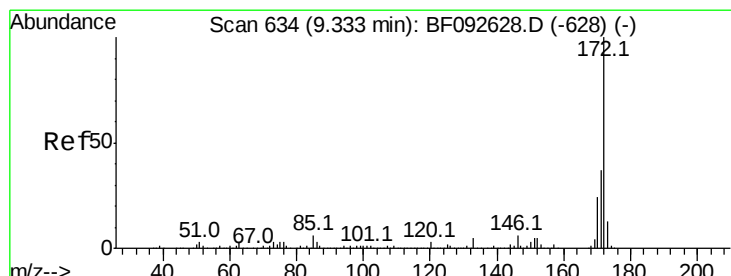
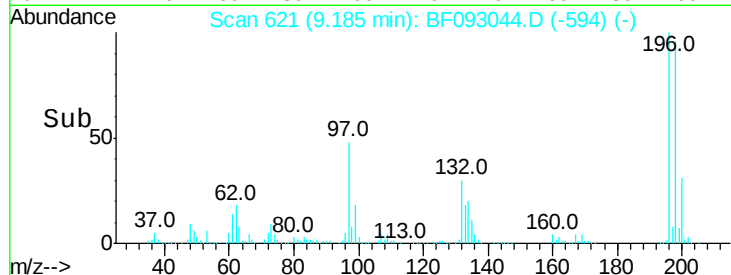
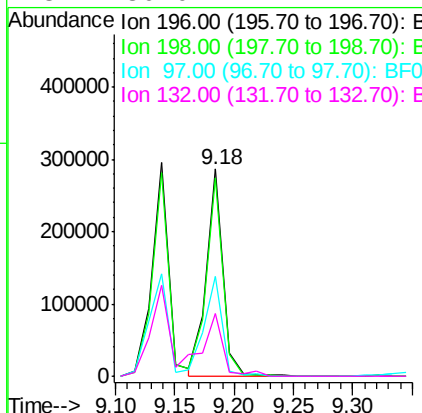
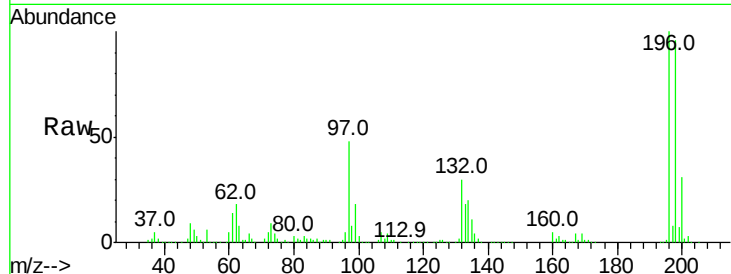
#43
 2,4,5-Trichlorophenol
 Concen: 48.83 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	279600		
198	95.8	79.4	119.2	
97	48.4	51.5	77.3	
132	30.0	27.4	41.2	

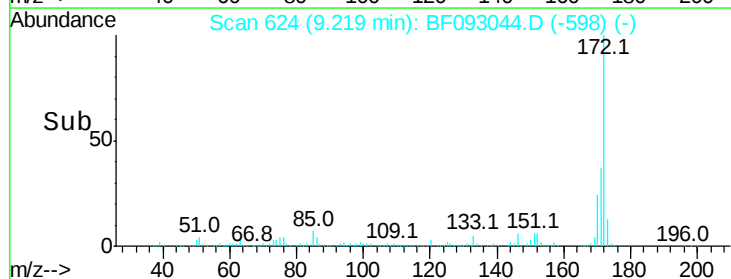
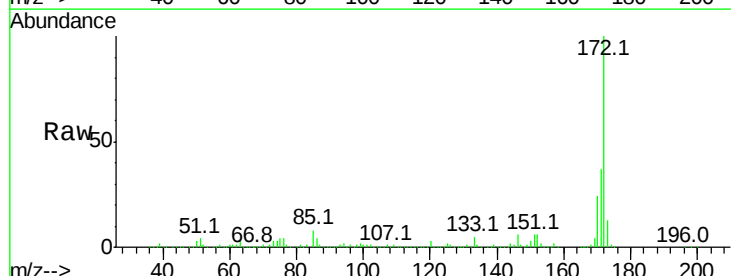
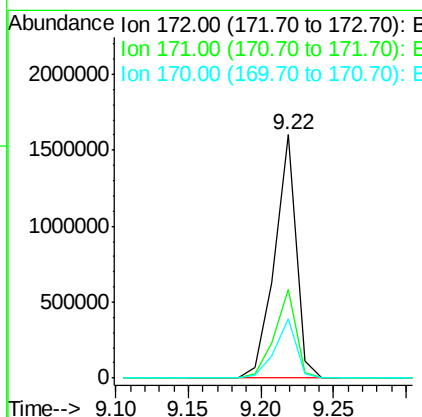
Manual Integrations
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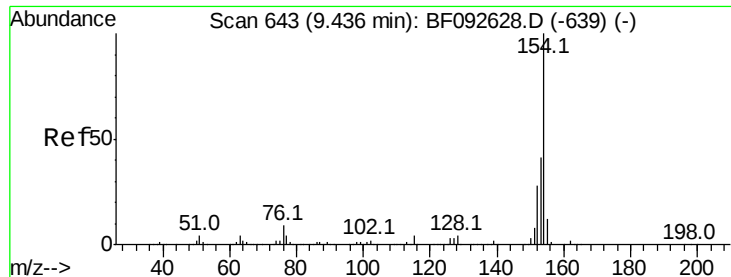
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 105.83 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1655088		
171	36.6	29.4	44.0	
170	24.4	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 53.96 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

ClientSampleId :

B1-2MSD

Tot Ion:154 Resp: 1107149

Ion Ratio Lower Upper

154 100

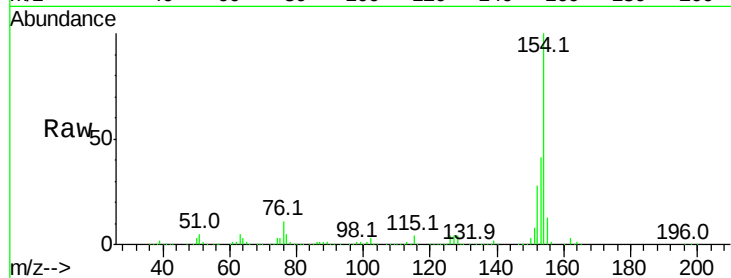
153 41.4 20.9 60.9

76 11.3 0.0 30.5

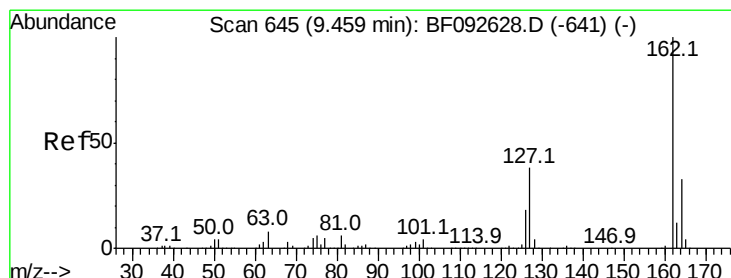
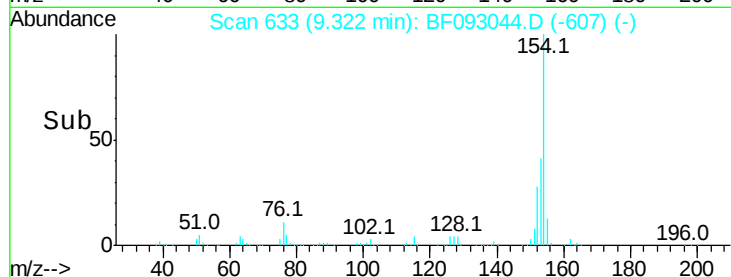
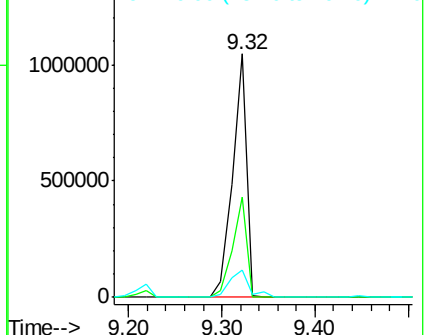
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 53.73 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

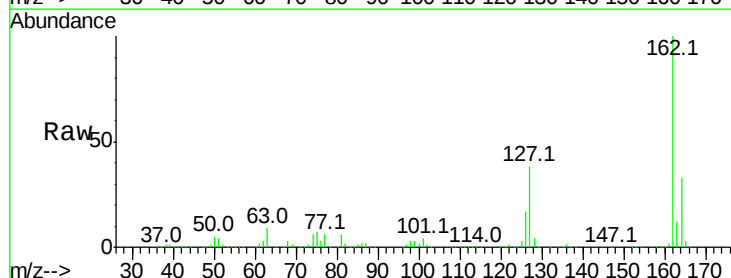
Tgt Ion:162 Resp: 862325

Ion Ratio Lower Upper

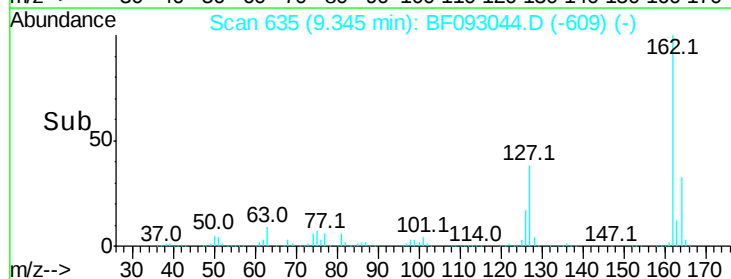
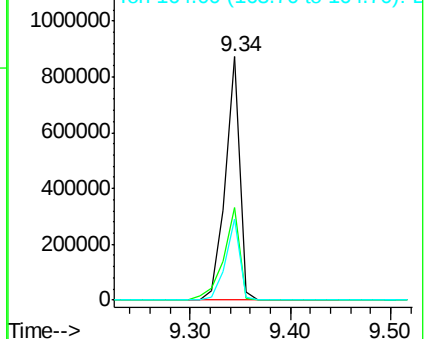
162 100

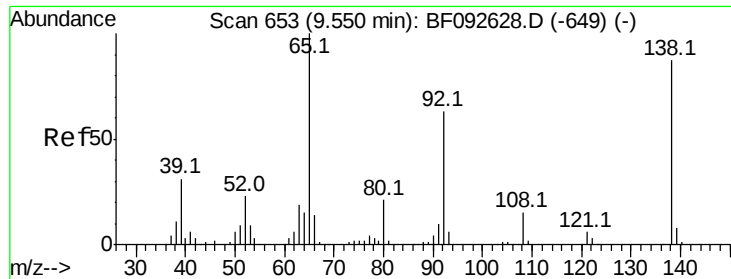
127 38.0 30.7 46.1

164 33.2 27.6 41.4



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





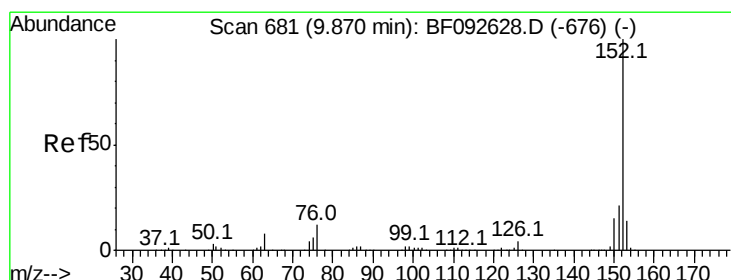
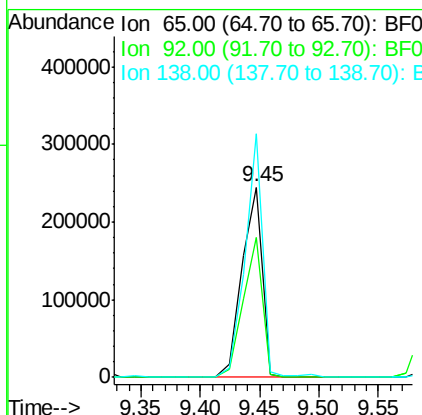
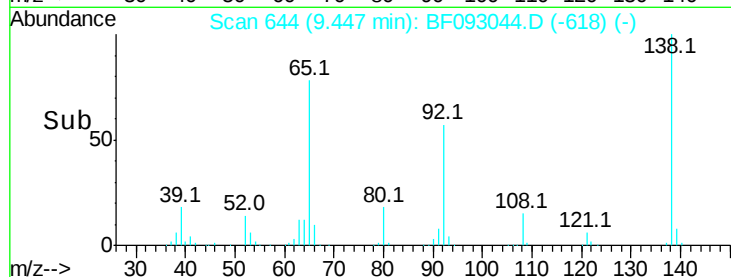
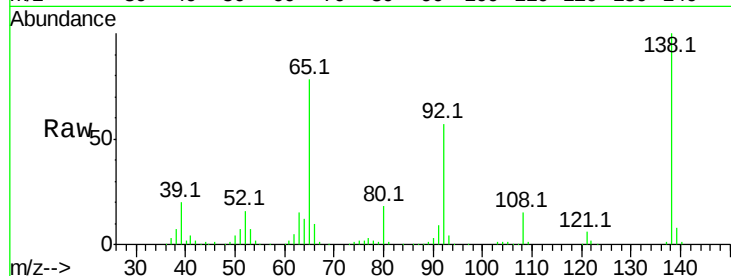
#47
2-Nitroaniline
Concen: 54.26 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.9	80.9
138	128.2	76.8	115.2

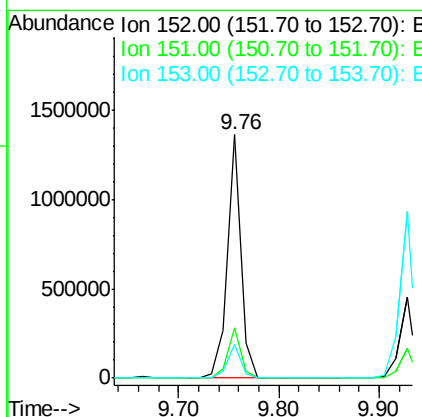
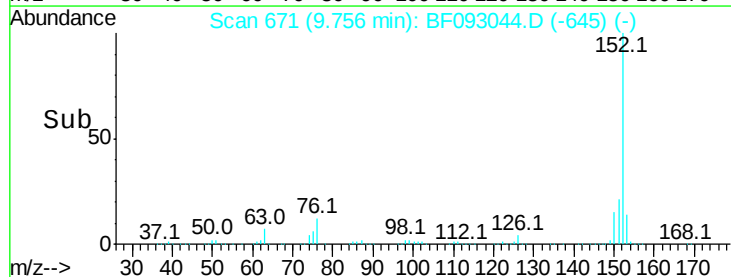
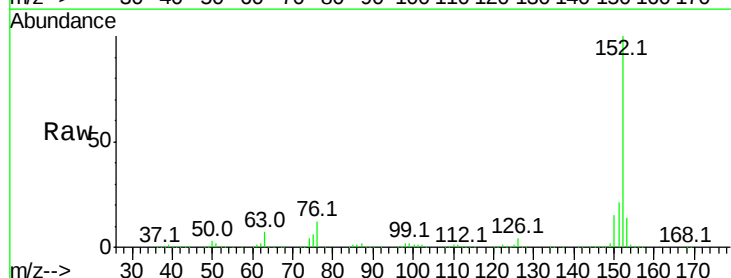
Manual Integrations
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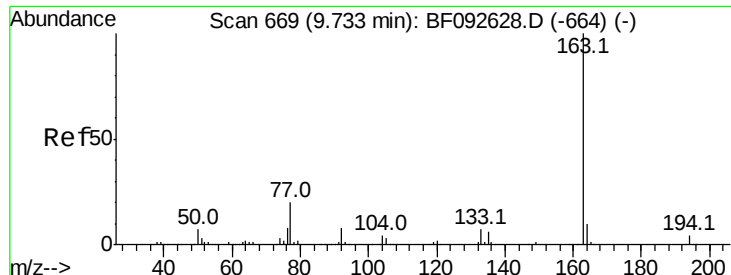
mohammad
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#48
Acenaphthylene
Concen: 45.90 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.6	11.4	17.2





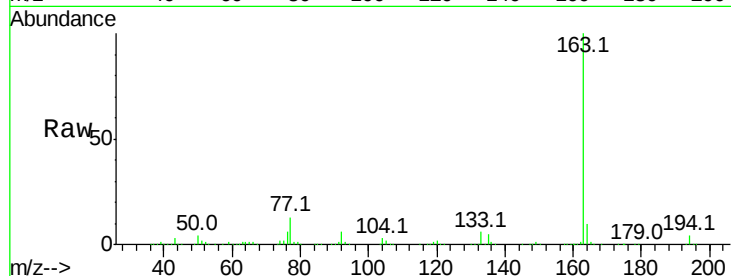
#49
Dimethylphthalate
Concen: 54.00 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

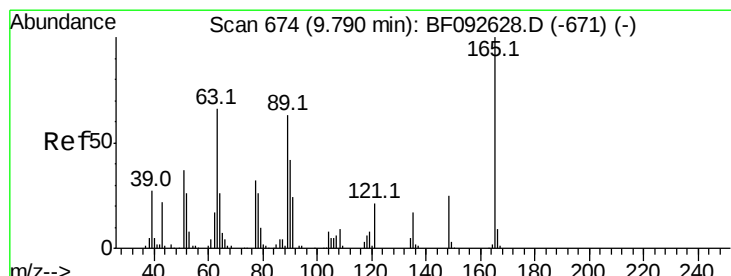
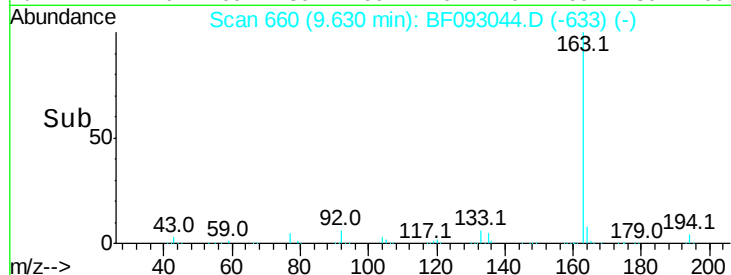
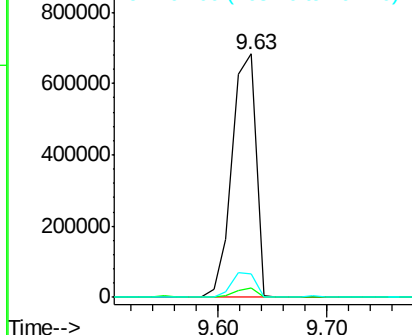
Tot Ion:163 Resp: 1030469
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.7 8.0 12.0

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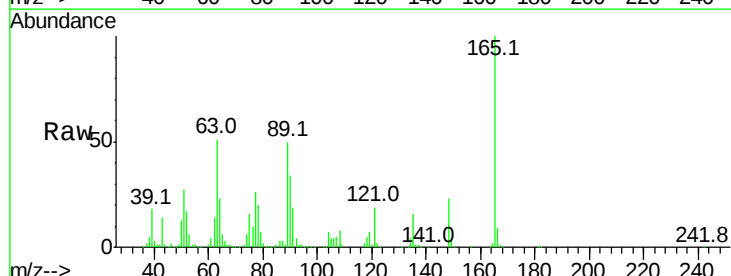


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

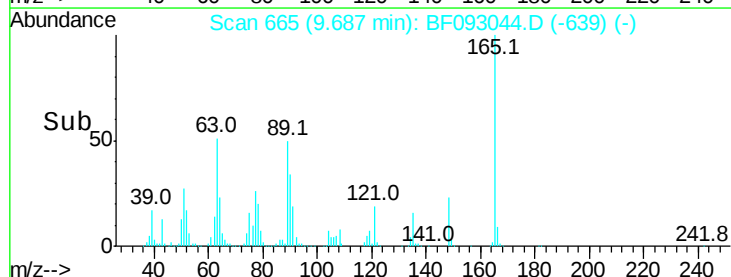
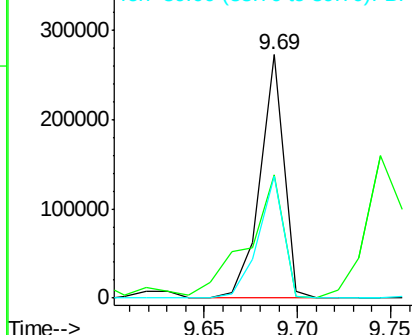


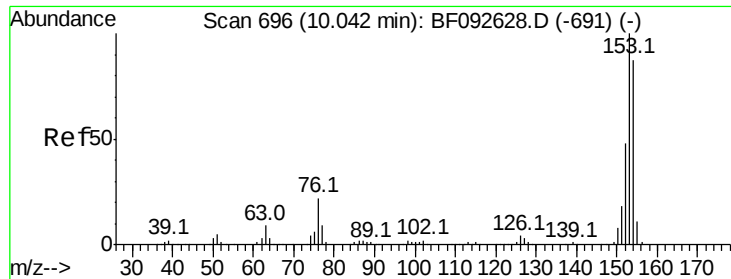
#50
2,6-Dinitrotoluene
Concen: 58.12 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion:165 Resp: 239520
Ion Ratio Lower Upper
165 100
63 50.7 36.2 54.4
89 50.0 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: 46.15 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

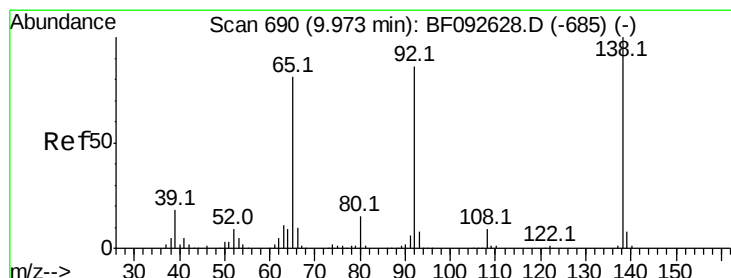
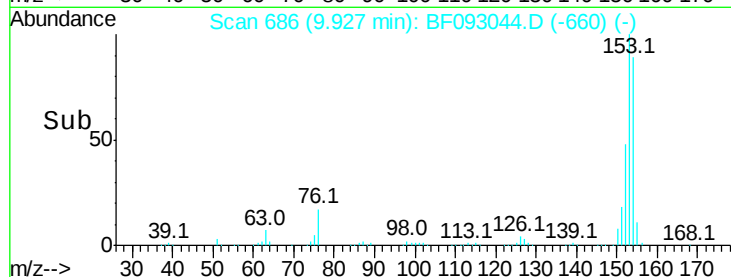
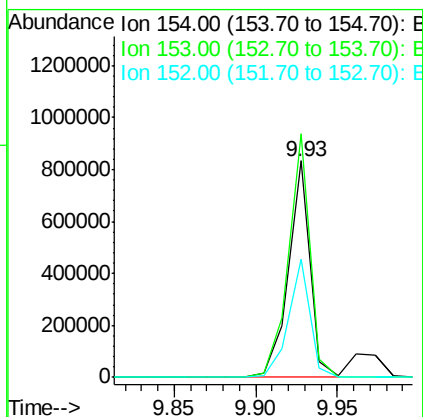
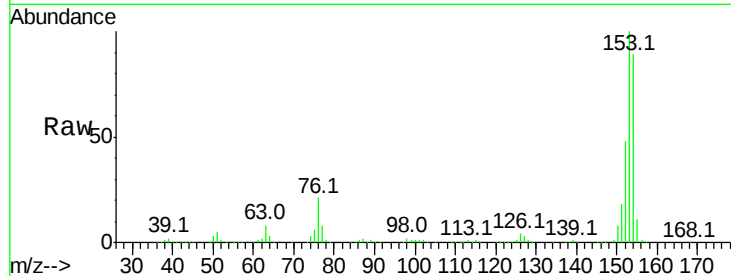
ClientSampleId :

B1-2MSD

Tot Ion:	154	Resp:	764965
Ion Ratio	Lower	Upper	
154	100		
153	112.6	88.6	133.0
152	54.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 18.48 ng

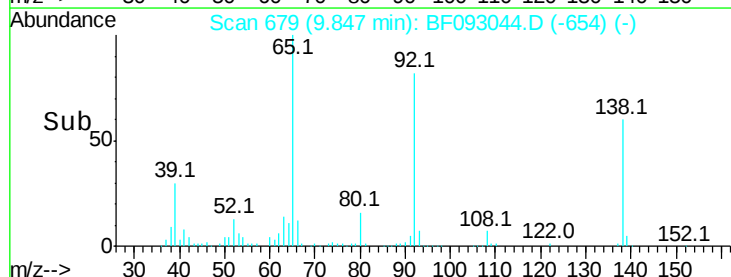
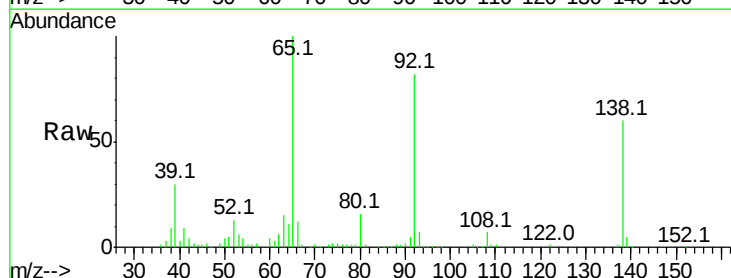
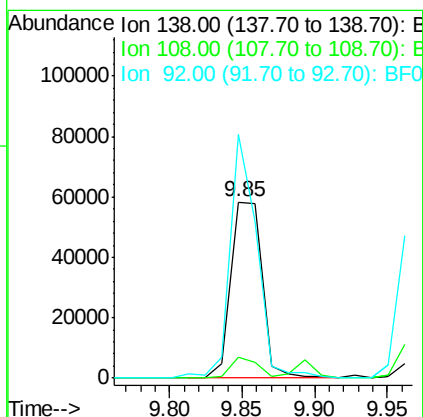
RT: 9.85 min Scan# 679

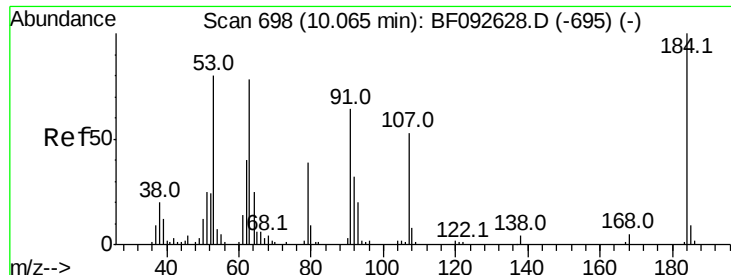
Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	138	Resp:	87151
Ion Ratio	Lower	Upper	
138	100		
108	11.8	8.5	12.7
92	138.4	97.8	146.8





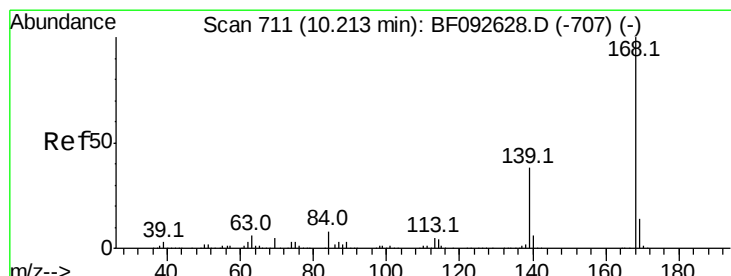
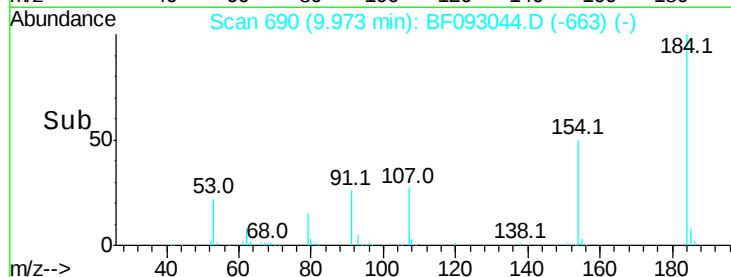
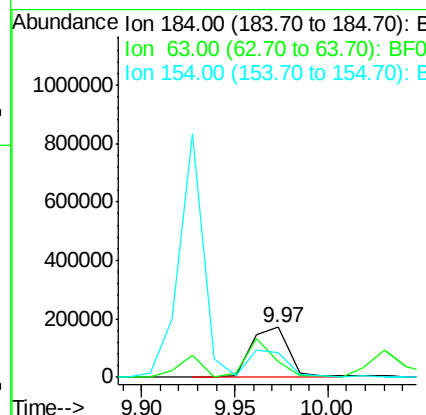
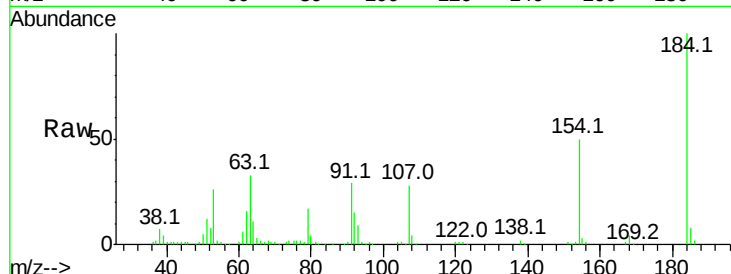
#53
 2,4-Dinitrophenol
 Concen: 111.57 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampled :
 B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	238082		
63	32.9	28.4	42.6	
154	50.4	44.3	66.5	

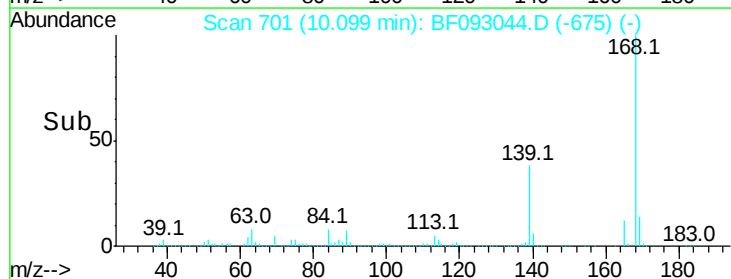
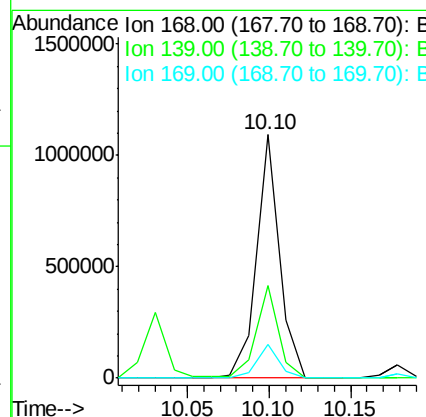
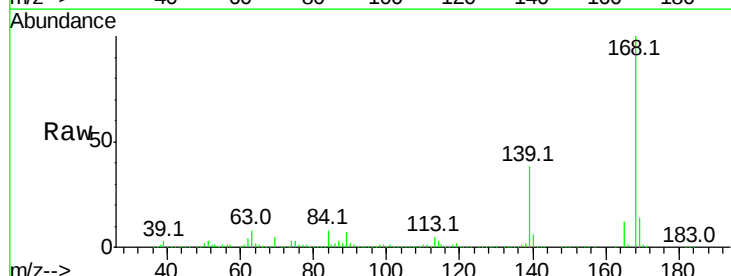
Manual Integrations
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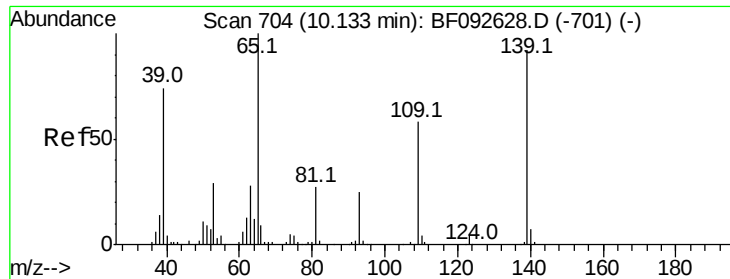
mohammad
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#54
 Dibenzofuran
 Concen: 48.38 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1072600		
139	38.2	32.6	49.0	
169	13.7	11.3	16.9	





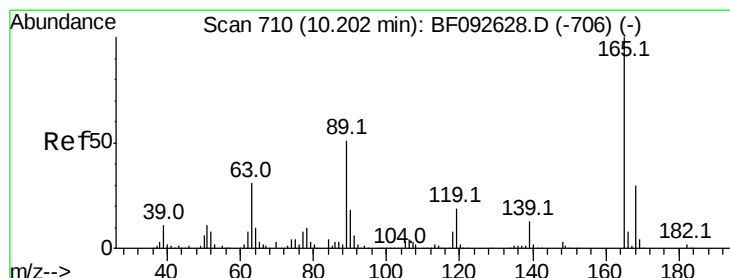
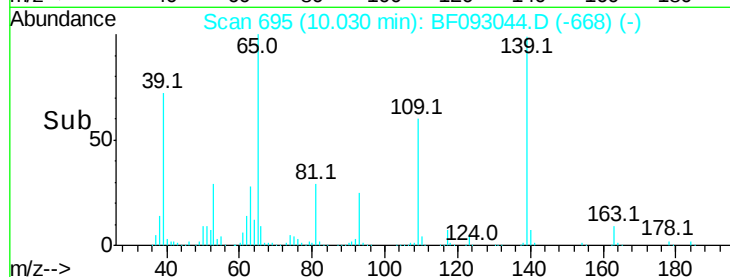
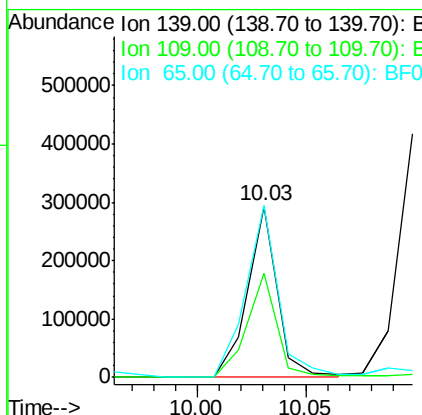
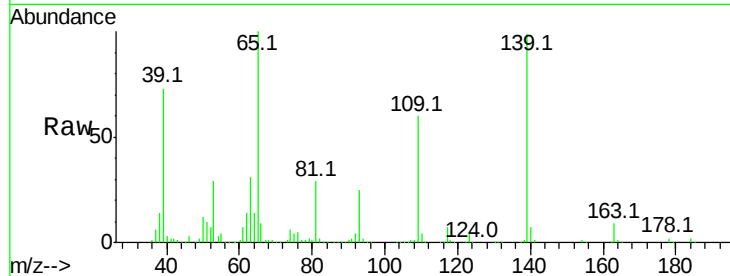
#55
4-Nitrophenol
Concen: 82.20 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampled :
B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	279238		
109	60.8	52.2	92.2	
65	101.1	85.8	125.8	

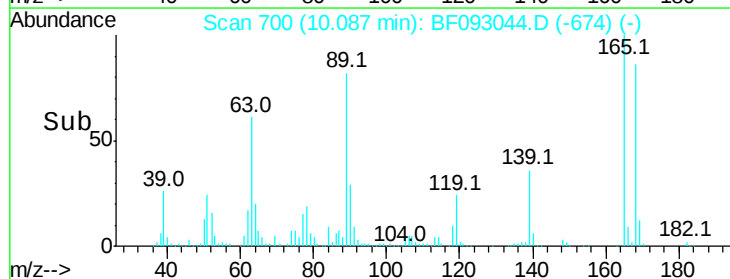
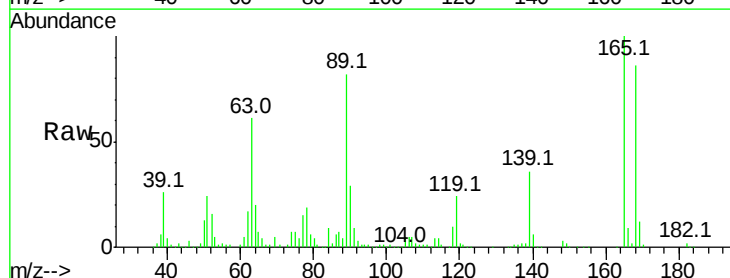
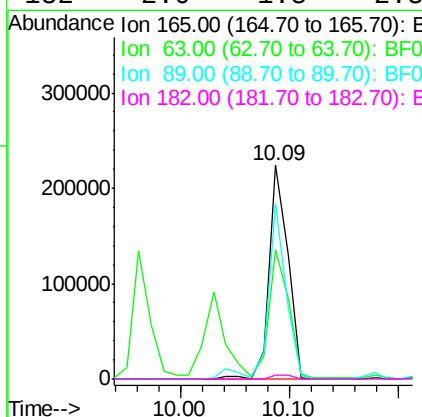
Manual Integrations
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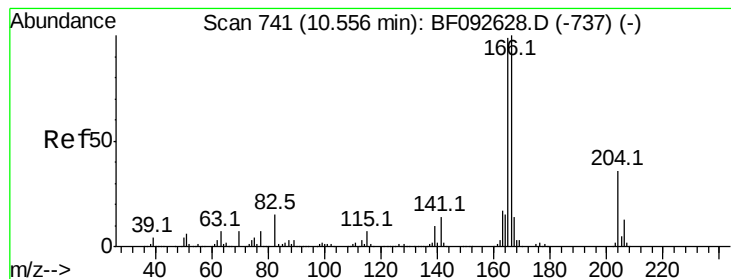
mohammad
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#56
2,4-Dinitrotoluene
Concen: 49.05 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	269129		
63	60.7	40.2	60.4#	
89	82.2	62.5	93.7	
182	2.0	1.8	2.8	





#57

Fluorene

Concen: 50.56 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

ClientSampleId :

B1-2MSD

Tot Ion:166 Resp: 862348

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

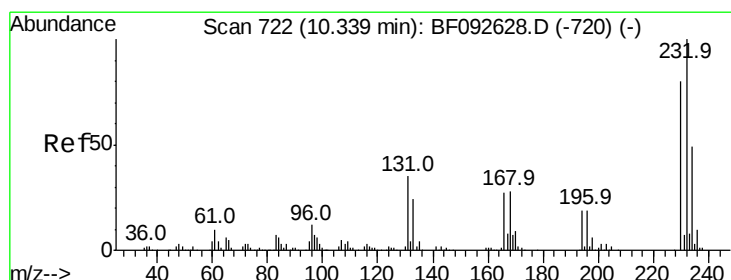
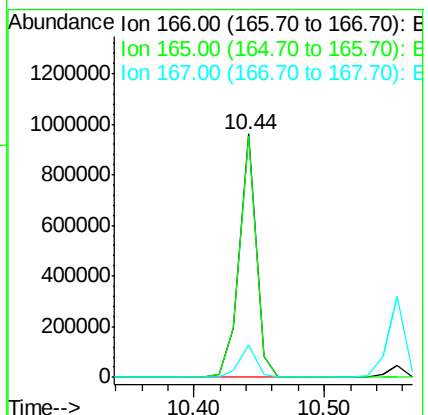
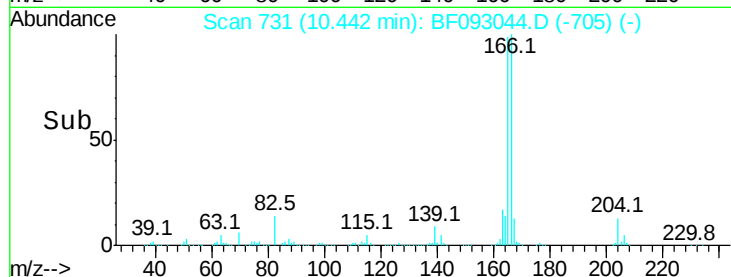
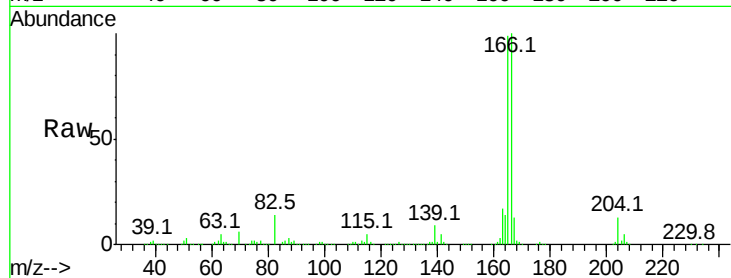
167 13.5 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 61.21 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:232 Resp: 233797

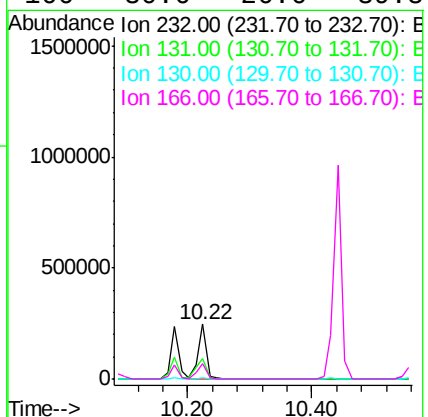
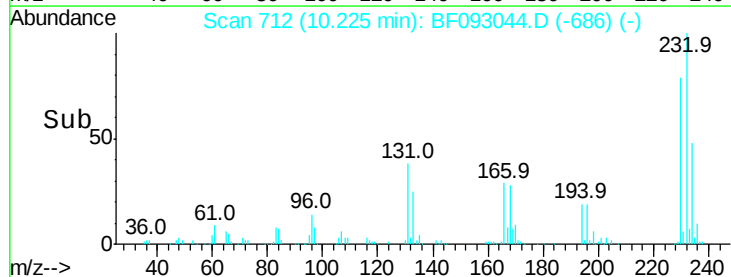
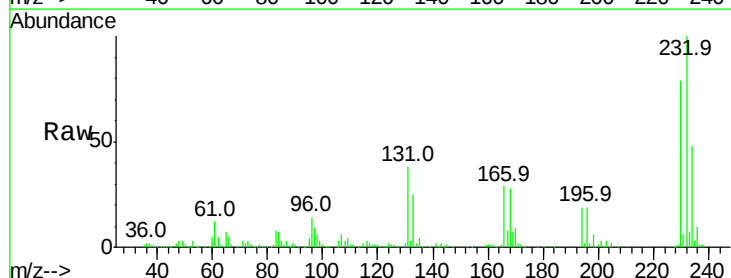
Ion Ratio Lower Upper

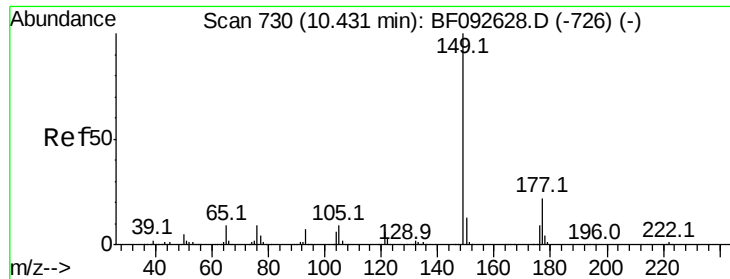
232 100

131 45.1 40.1 60.1

130 2.2 1.8 2.8

166 30.6 26.6 39.8





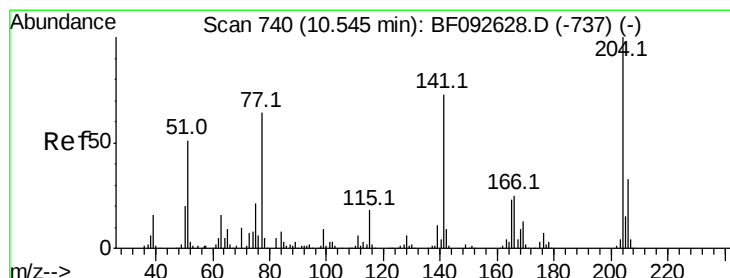
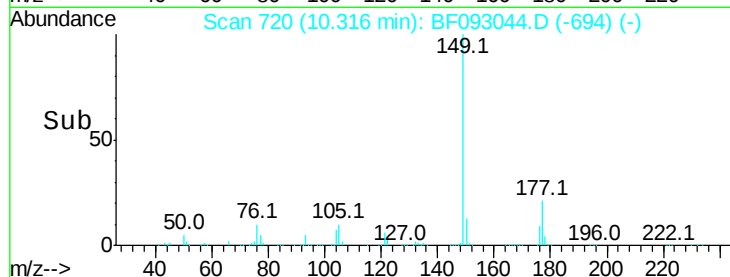
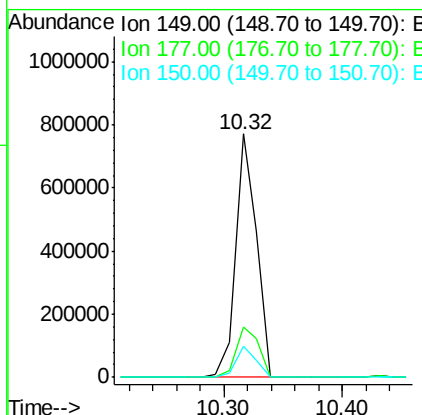
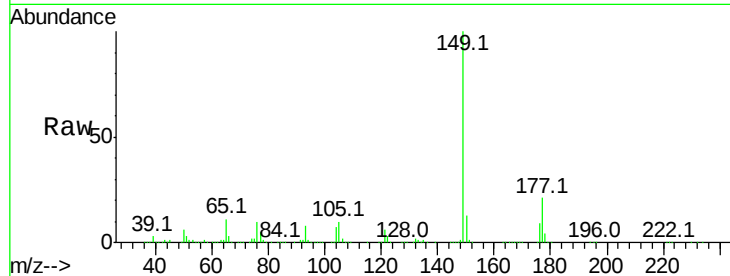
#59
Diethylphthalate
Concen: 51.72 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	930201		
177	20.9	16.6	25.0	
150	12.8	10.4	15.6	

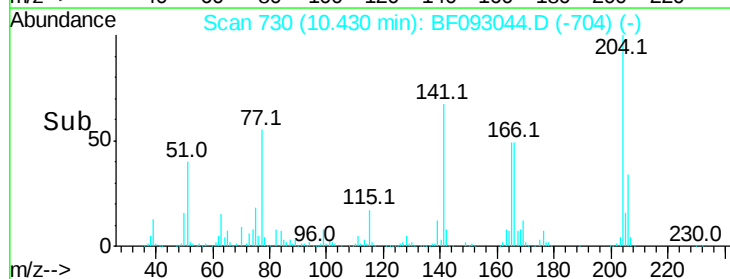
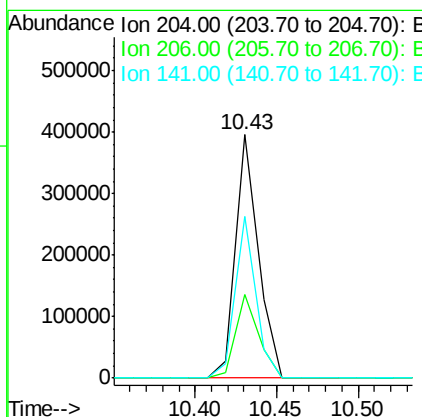
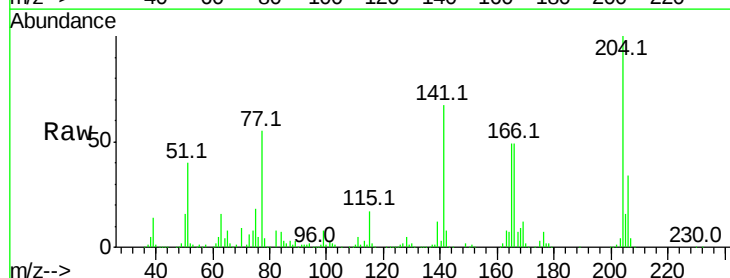
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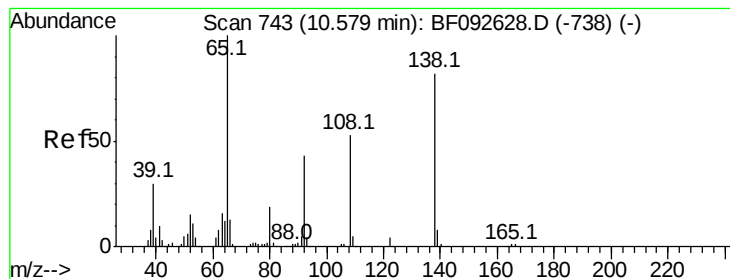
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 46.23 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	378817		
206	34.3	25.8	38.6	
141	66.6	59.4	89.0	





#61

4-Nitroaniline

Concen: 47.62 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

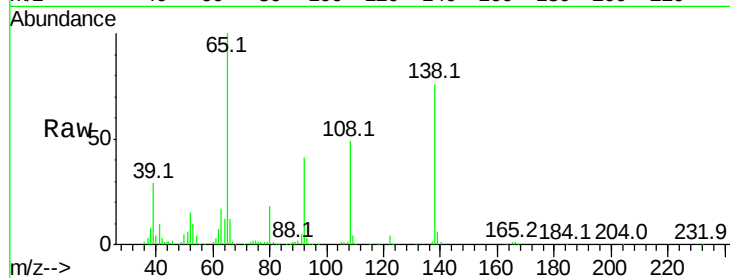
ClientSampleId :

B1-2MSD

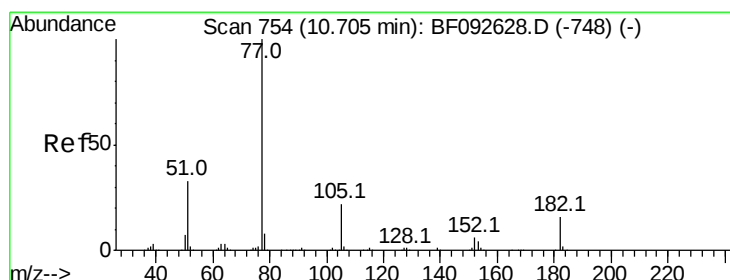
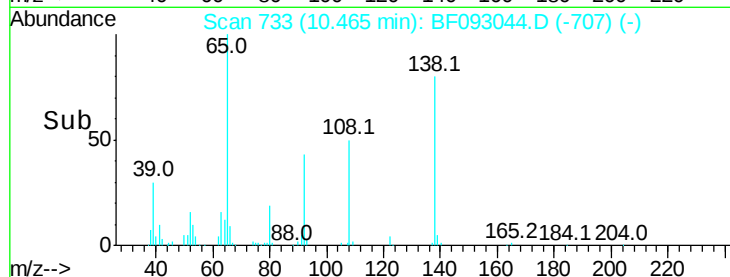
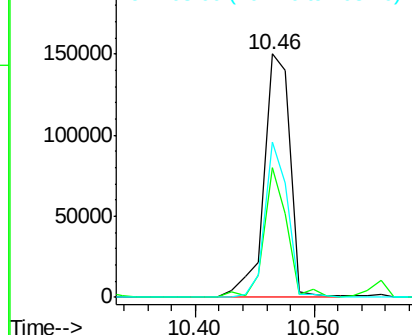
Tot Ion:	138	Resp:	230071
Ion Ratio	Lower	Upper	
138	100		
92	53.5	31.7	71.7
108	63.6	52.6	92.6

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



#62

Azobenzene

Concen: 54.65 ng

RT: 10.59 min Scan# 744

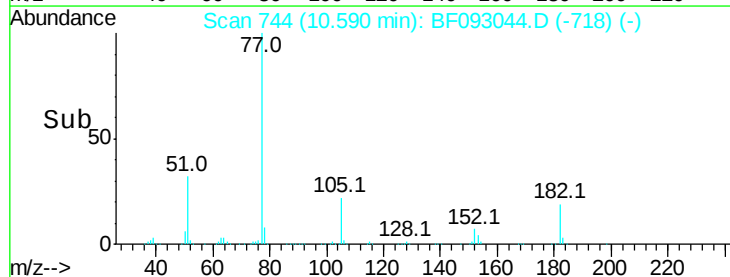
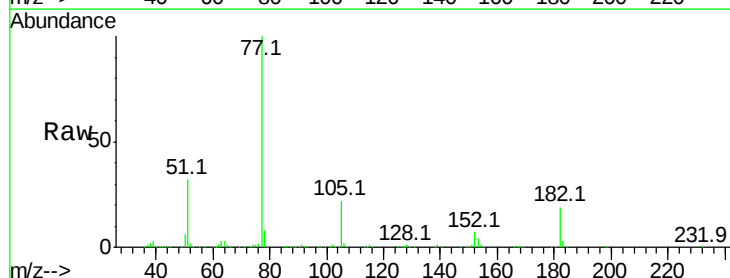
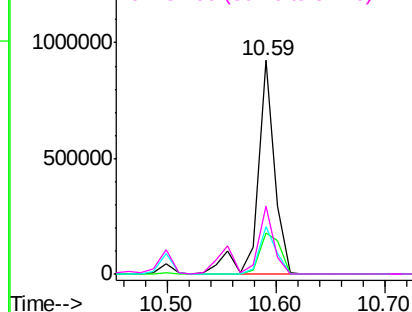
Delta R.T. -0.00 min

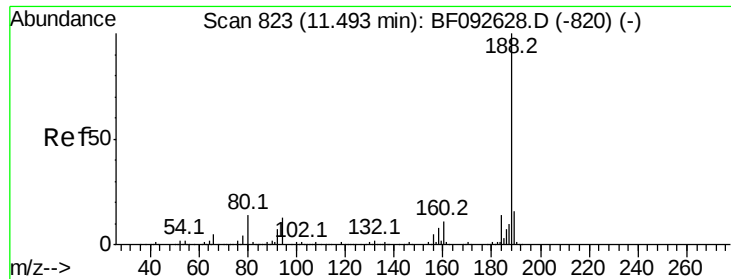
Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	77	Resp:	1015403
Ion Ratio	Lower	Upper	
77	100		
182	19.4	0.0	39.3
105	22.3	2.3	42.3
51	31.7	8.9	48.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

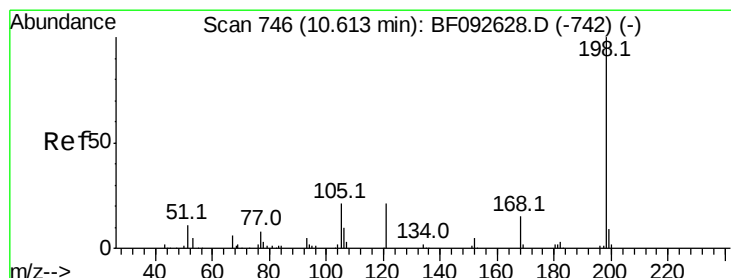
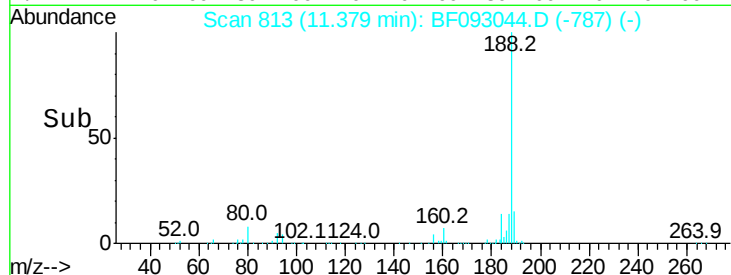
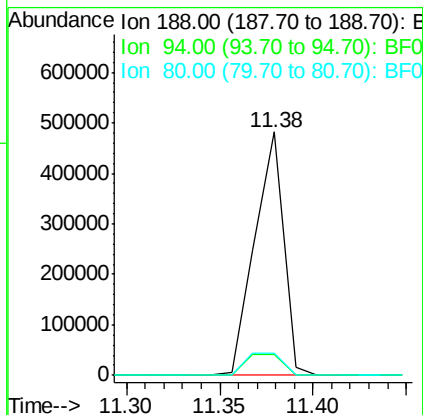
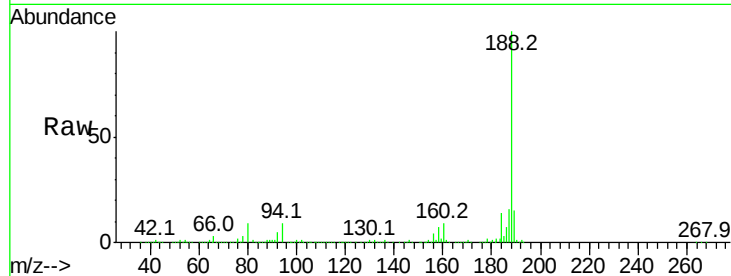
ClientSampleId :

B1-2MSD

Tot Ion:	188	Resp:	517545
Ion Ratio	Lower	Upper	
188	100		
94	8.8	10.0	15.0#
80	9.0	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 51.84 ng

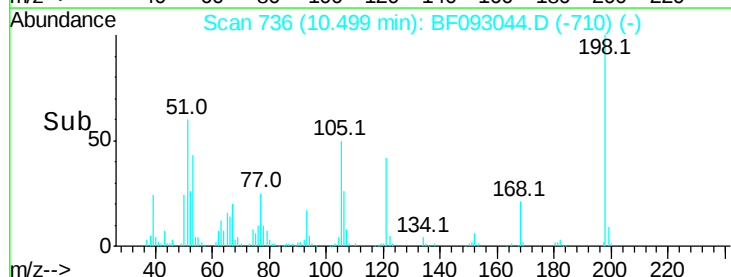
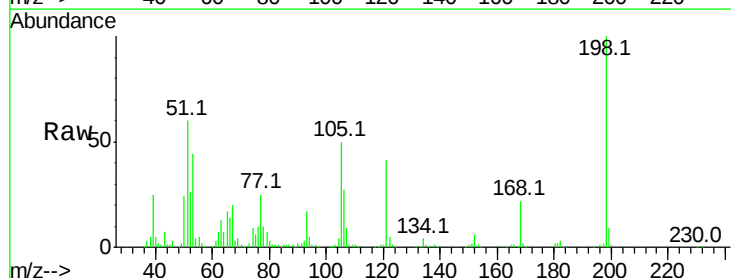
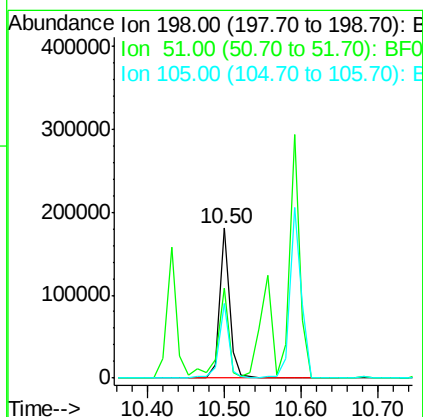
RT: 10.50 min Scan# 736

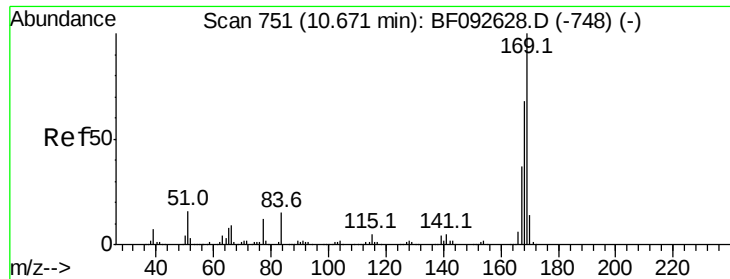
Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	198	Resp:	164035
Ion Ratio	Lower	Upper	
198	100		
51	59.9	6.7	46.7#
105	49.8	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 48.11 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

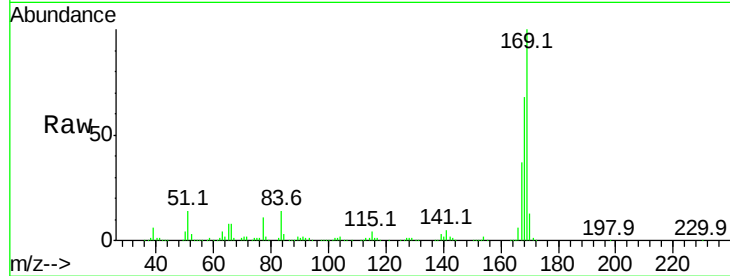
ClientSampleId :

B1-2MSD

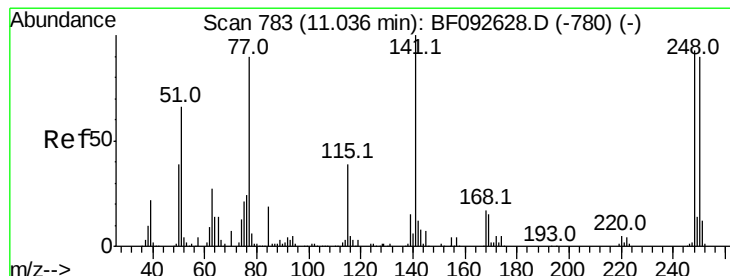
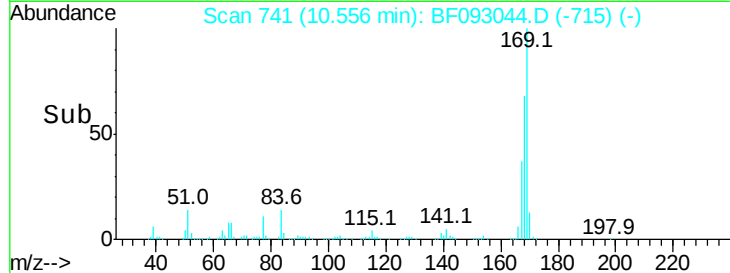
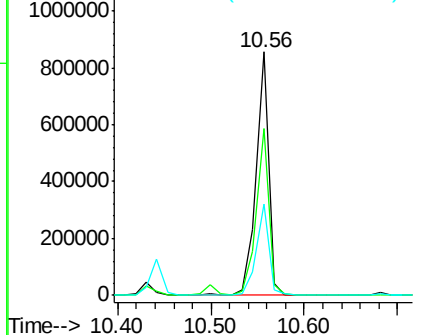
Tot Ion:	169	Resp:	795422
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.2	81.2
167	37.3	30.2	45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.51 ng

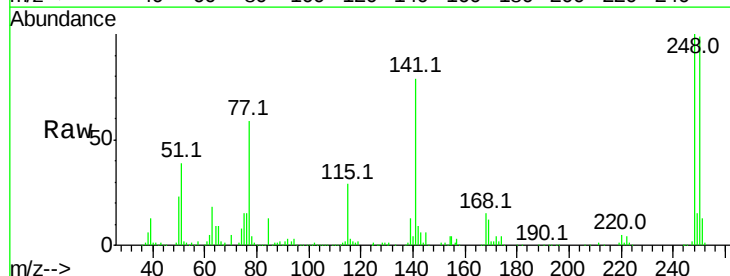
RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

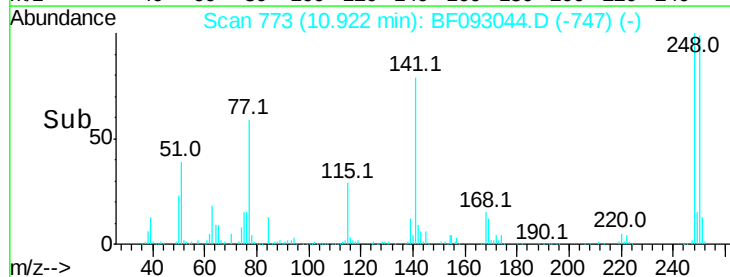
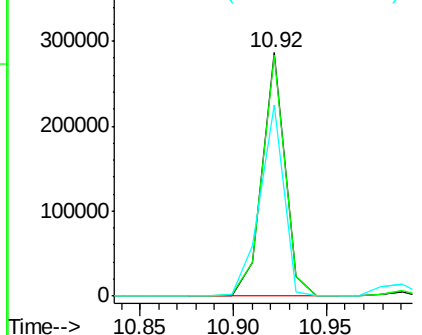
Lab File: BF093044.D

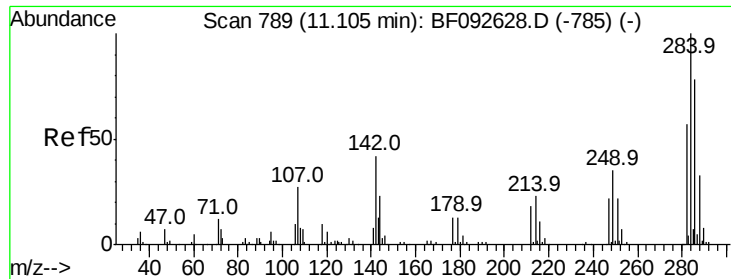
Acq: 20 Feb 2017 22:32

Tgt Ion:	248	Resp:	240695
Ion Ratio	Lower	Upper	
248	100		
250	99.2	76.9	115.3
141	78.6	68.2	102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





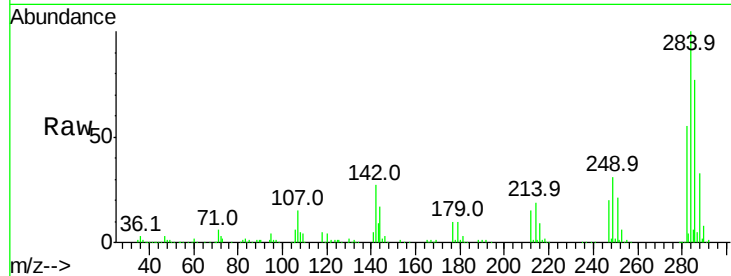
#67
Hexachlorobenzene
Concen: 47.92 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

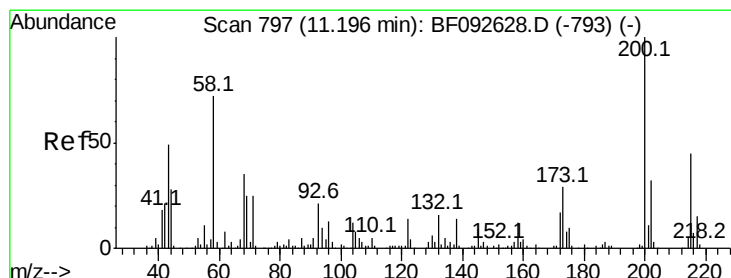
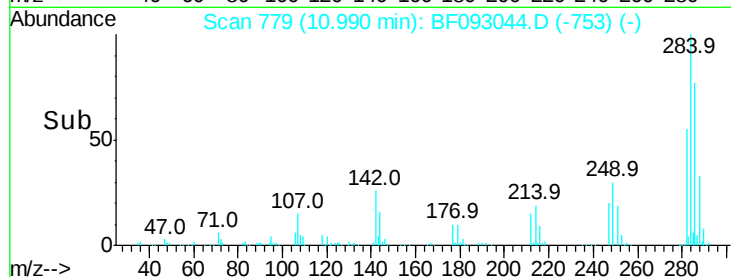
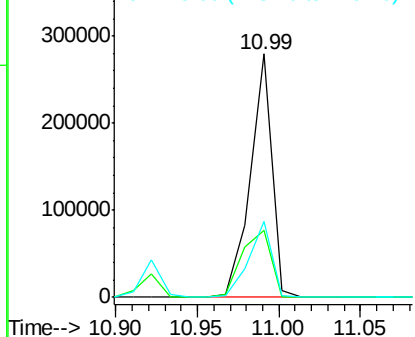
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	27.3	22.6	33.8
249	31.3	25.4	38.0

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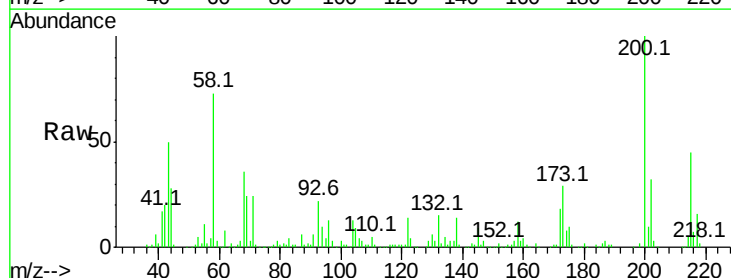


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

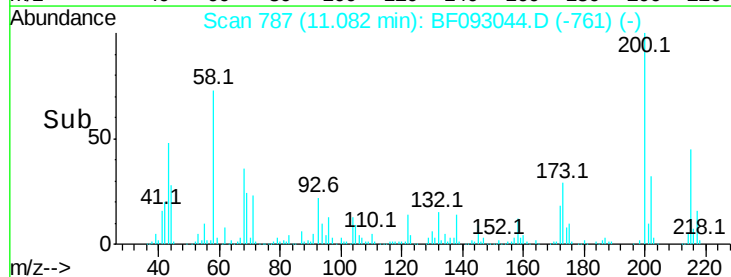
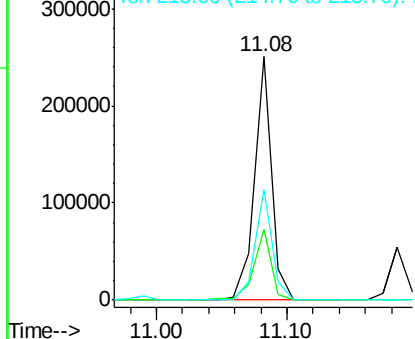


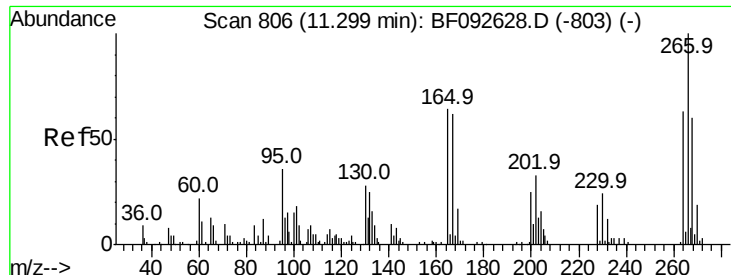
#68
Atrazine
Concen: 43.16 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.0	9.6	49.6
215	45.2	25.7	65.7



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





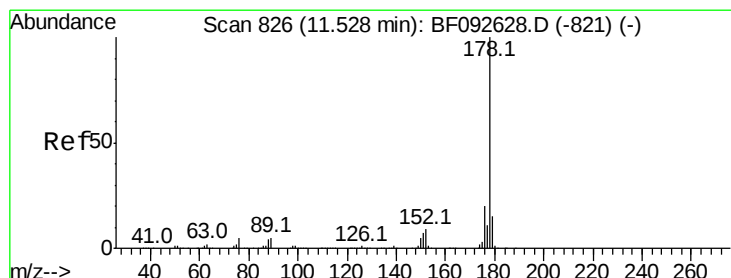
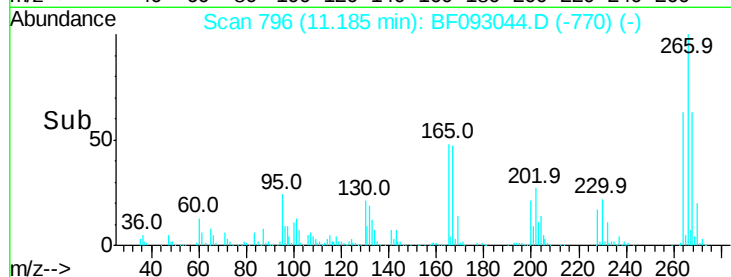
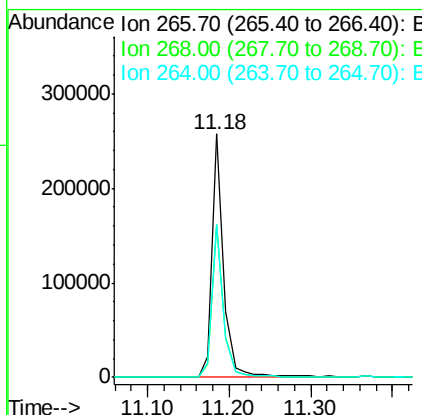
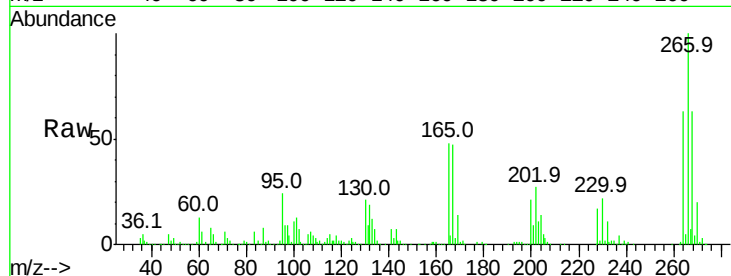
#69
 Pentachlorophenol
 Concen: 93.55 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	261743		
268	62.7	53.3	79.9	
264	62.7	50.3	75.5	

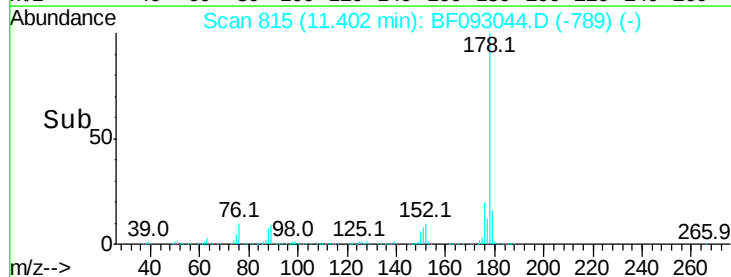
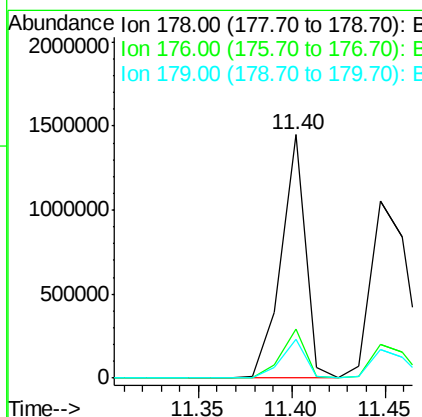
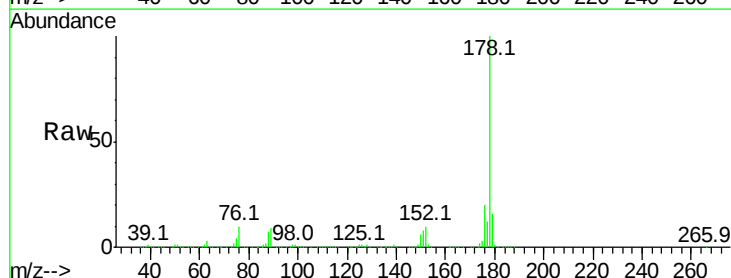
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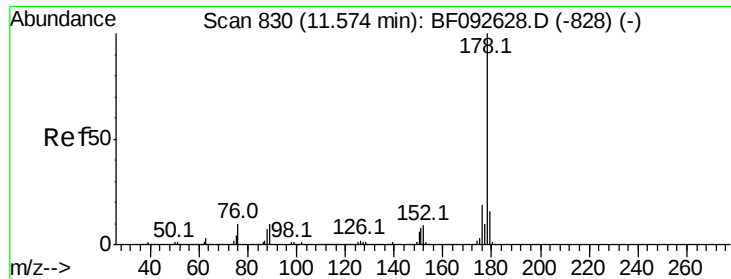
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#70
 Phenanthrene
 Concen: 44.50 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1319429		
176	20.3	16.6	25.0	
179	15.7	12.8	19.2	





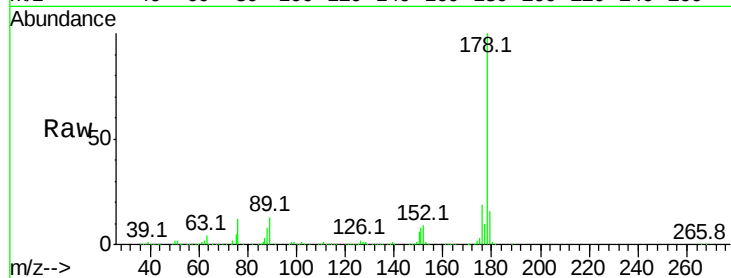
#71
 Anthracene
 Concen: 45.67 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

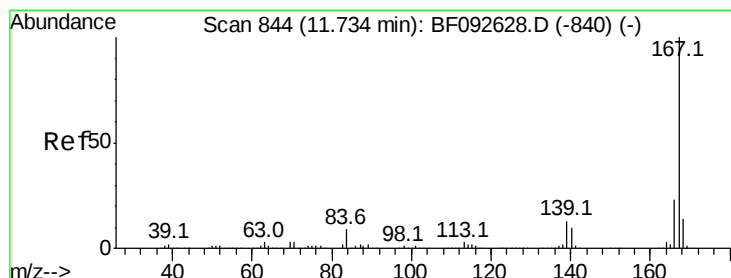
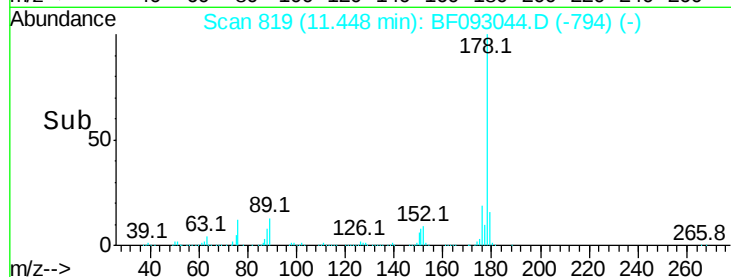
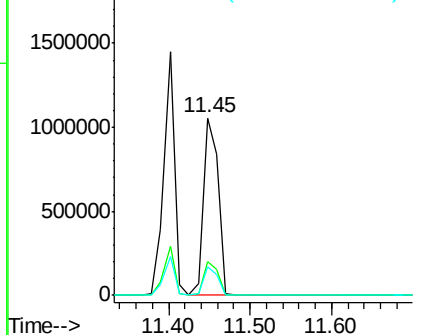
Tot Ion:178 Resp: 1359825
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.9 13.2 19.8

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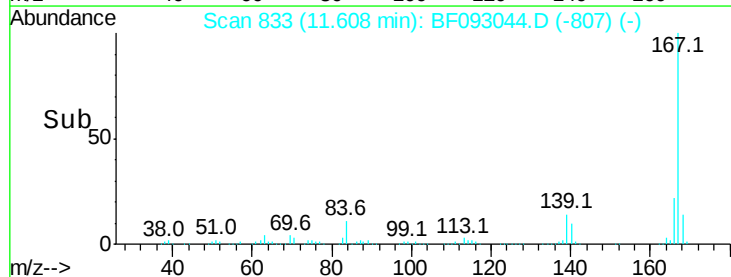
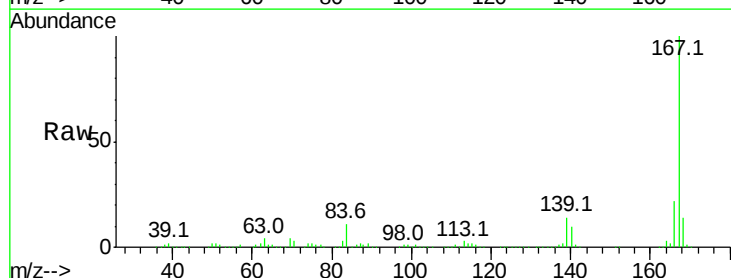
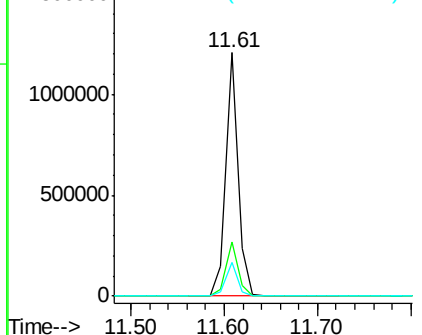
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

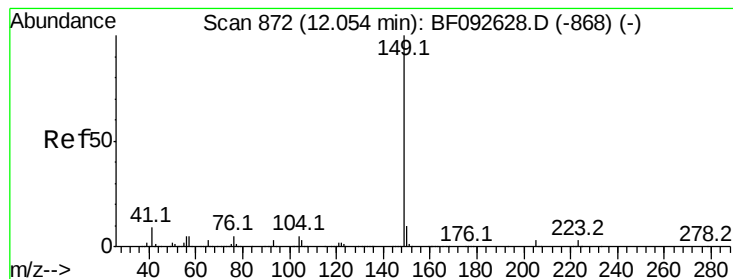


#72
 Carbazole
 Concen: 38.97 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion:167 Resp: 1109230
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.7 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.63 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

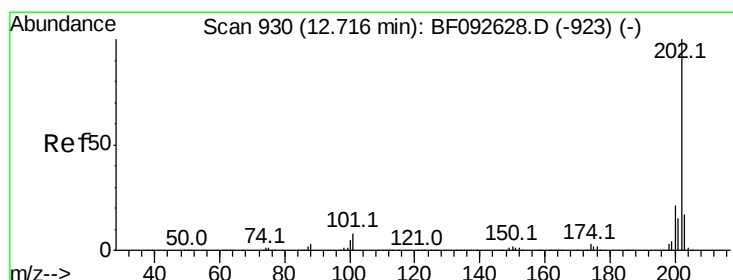
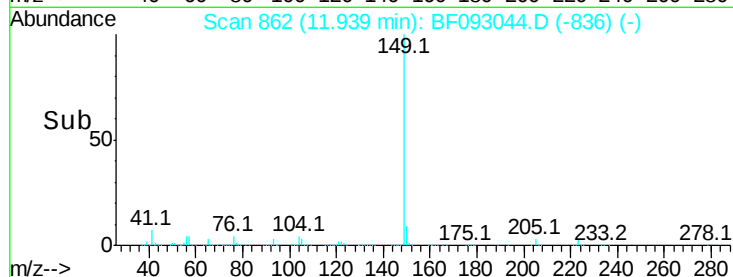
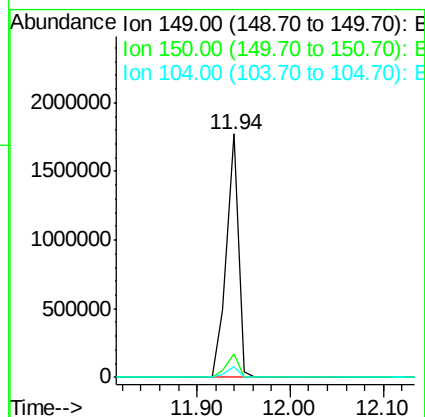
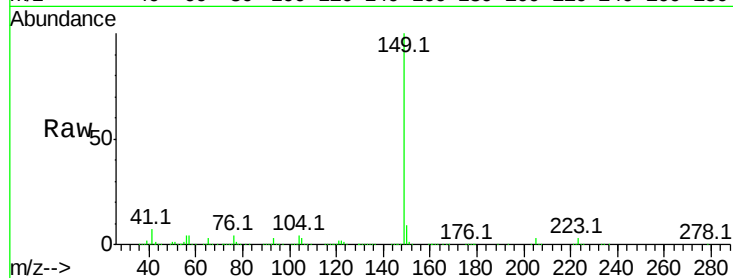
ClientSampleId :

B1-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.3	4.6	7.0

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#74

Fluoranthene

Concen: 45.94 ng

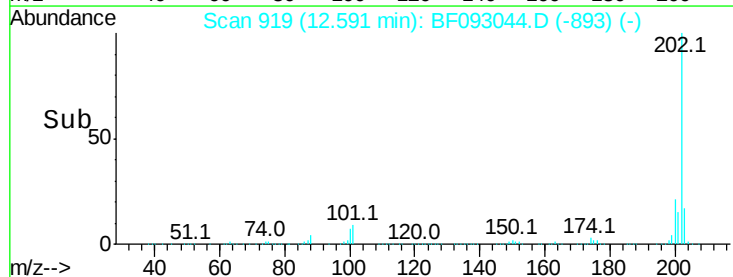
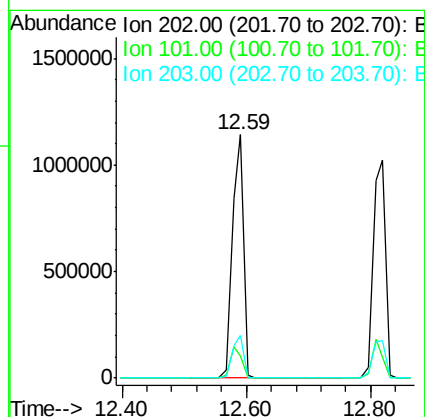
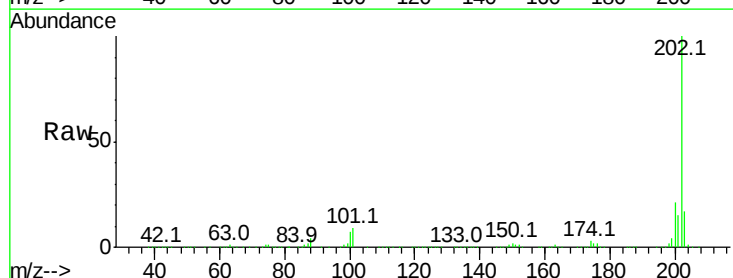
RT: 12.59 min Scan# 919

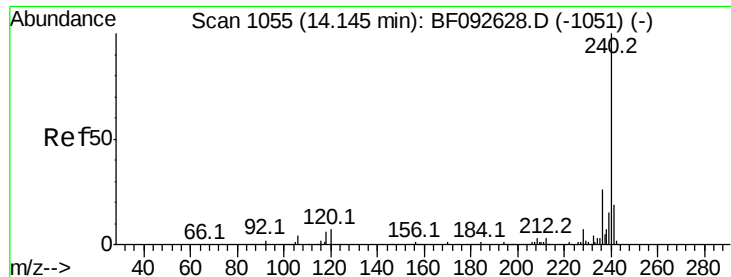
Delta R.T. -0.00 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.6
203	17.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

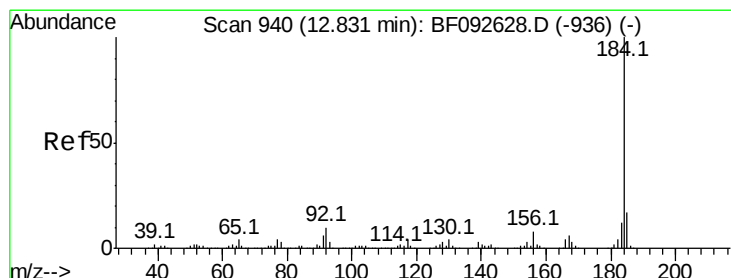
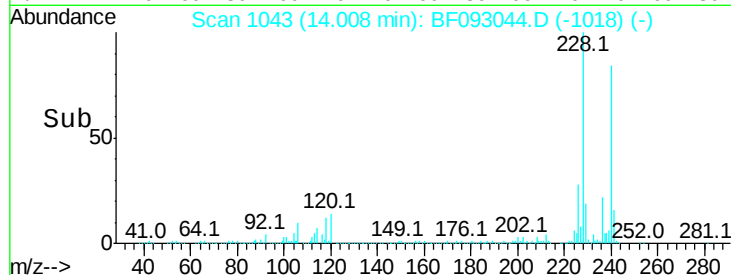
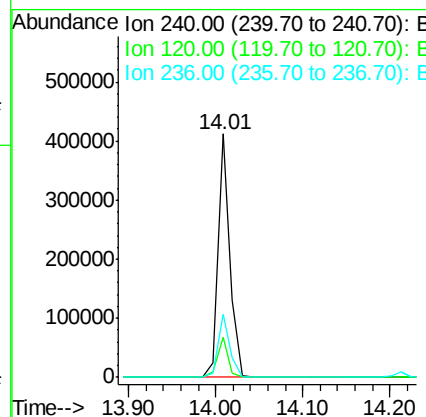
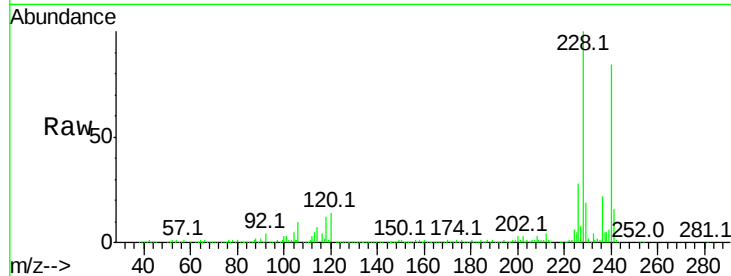
ClientSampled :

B1-2MSD

Tot Ion:	240	Resp:	394695
Ion Ratio	Lower	Upper	
240	100		
120	16.6	12.9	19.3
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 3.72 ng

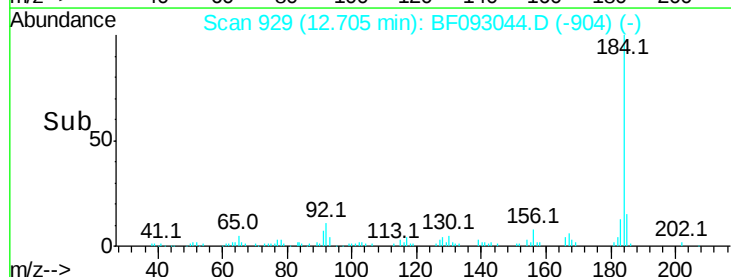
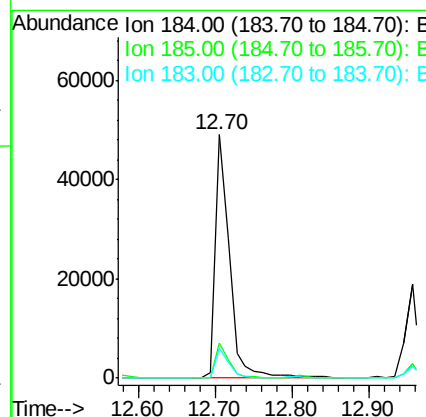
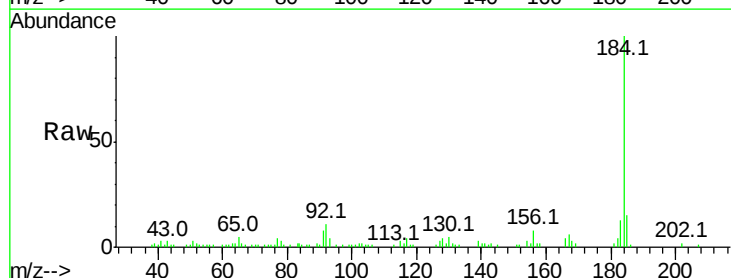
RT: 12.70 min Scan# 929

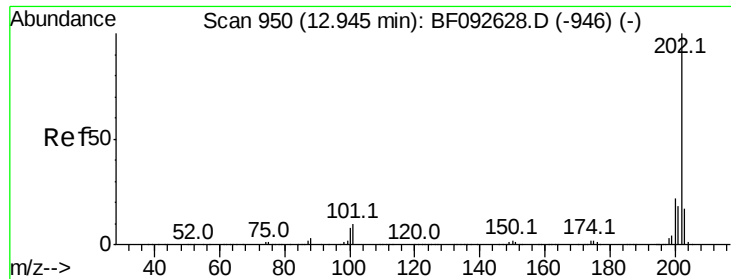
Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	184	Resp:	62499
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.0
183	12.5	9.2	13.8





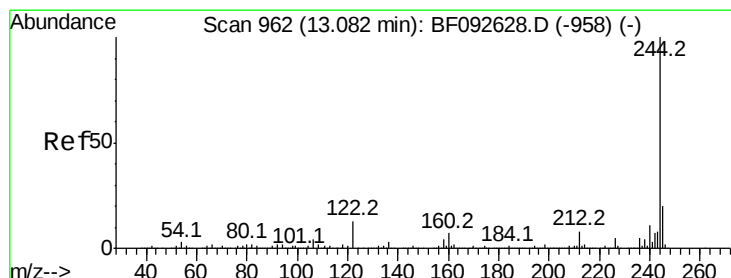
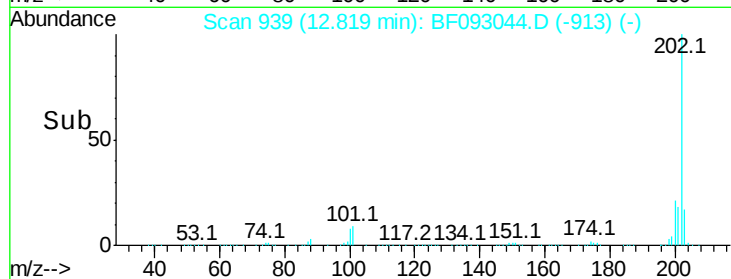
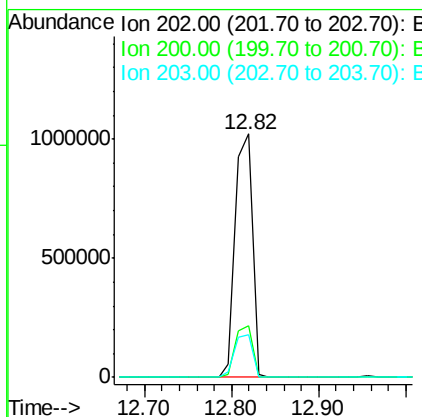
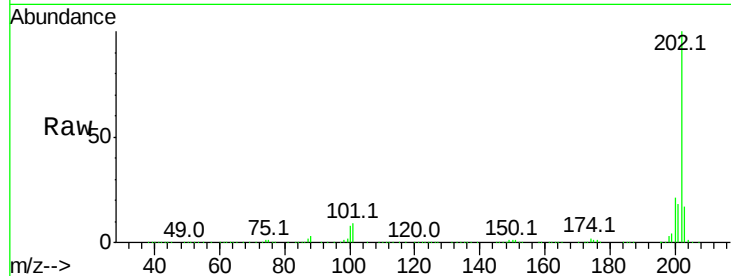
#77
Pvrene
Concen: 46.92 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampled :
B1-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.3	14.7	22.1

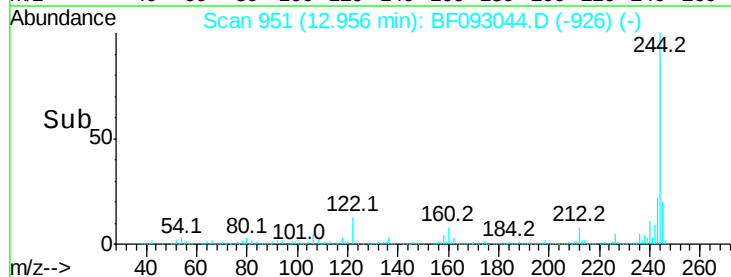
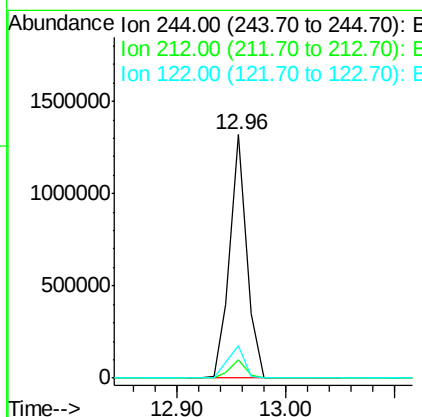
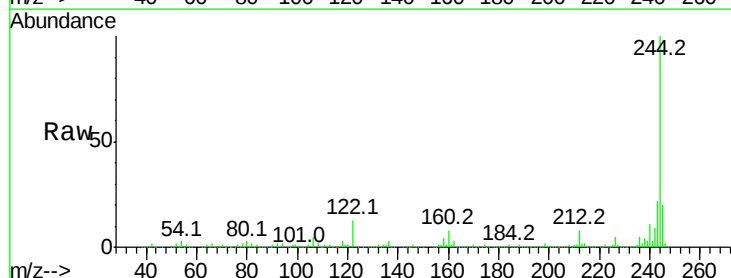
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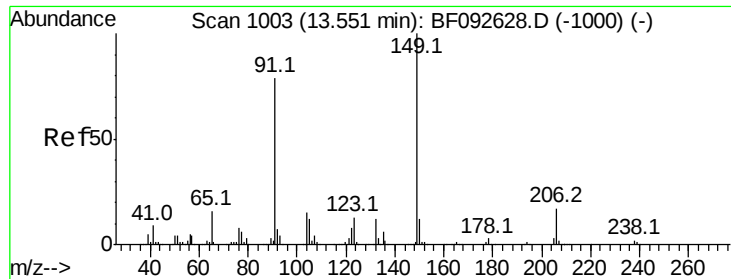
mohammad
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#78
Terphenyl-d14
Concen: 85.25 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.5	11.4	17.2





#79

Butylbenzylphthalate

Concen: 52.68 ng

RT: 13.42 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

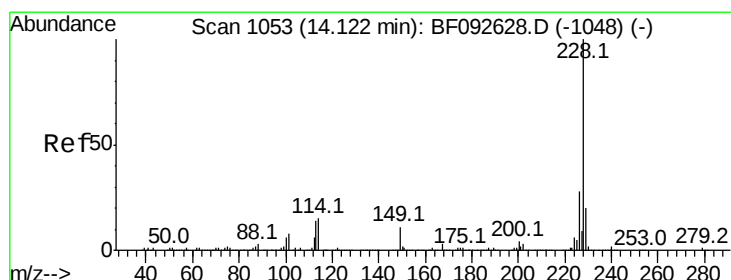
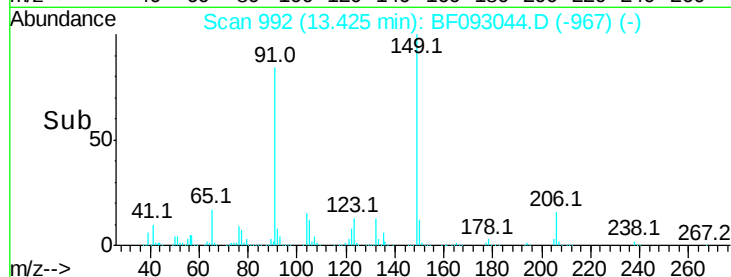
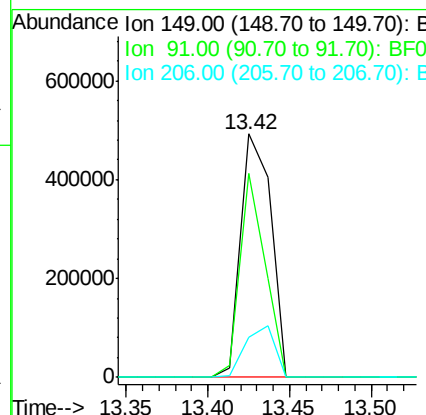
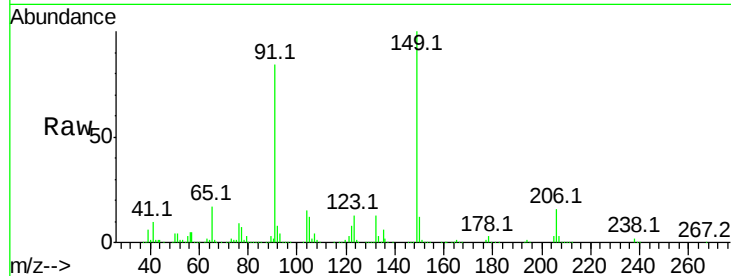
ClientSampleId :

B1-2MSD

Tot Ion:	149	Resp:	631862
Ion Ratio	Lower	Upper	
149	100		
91	83.6	63.9	95.9
206	16.2	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 43.58 ng

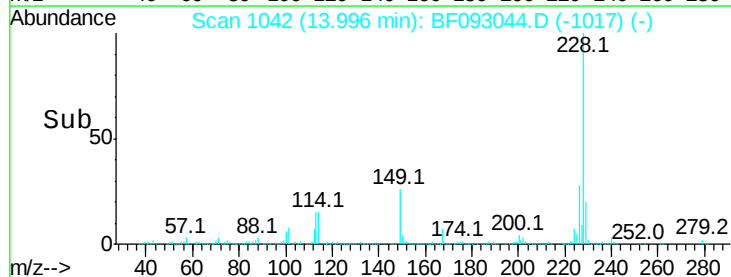
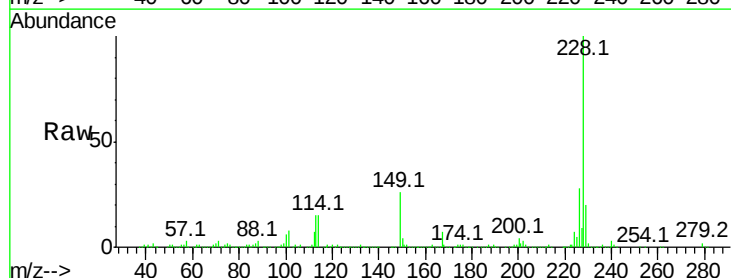
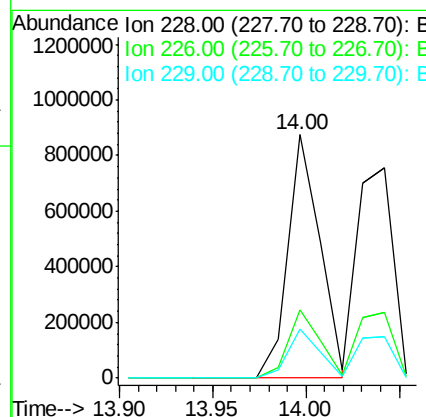
RT: 14.00 min Scan# 1042

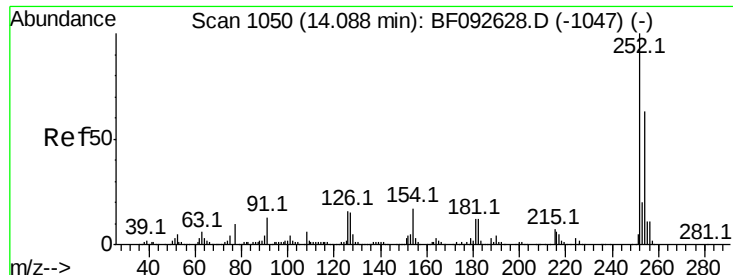
Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	228	Resp:	1051976
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.4	33.6
229	20.0	16.2	24.4





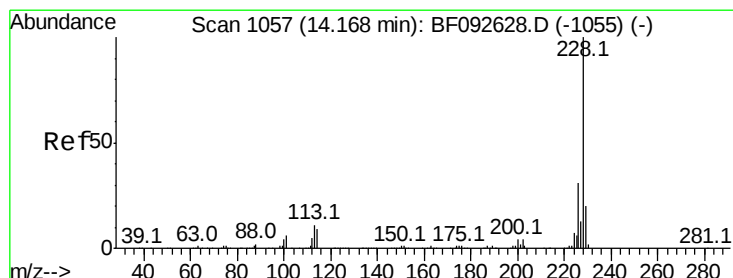
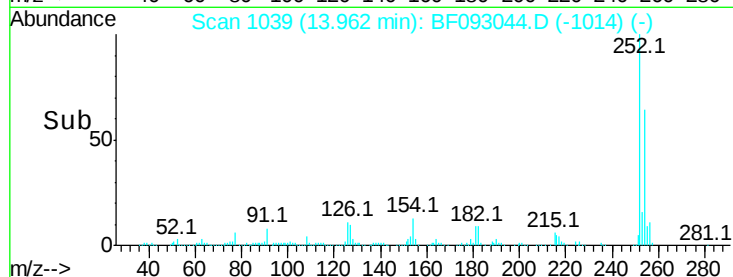
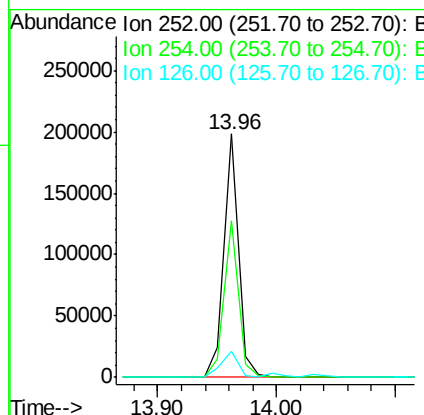
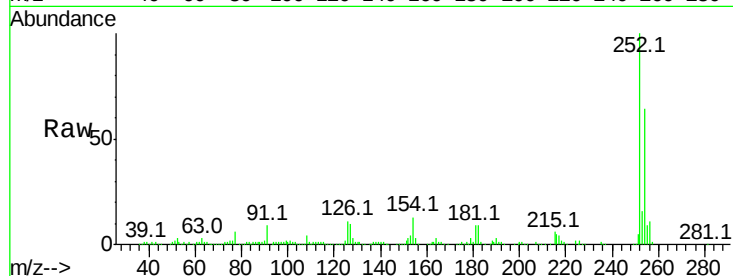
#81
 3,3'-Dichlorobenzidine
 Concen: 19.39 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampled :
 B1-2MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	52.3	78.5
126	10.7	13.6	20.4

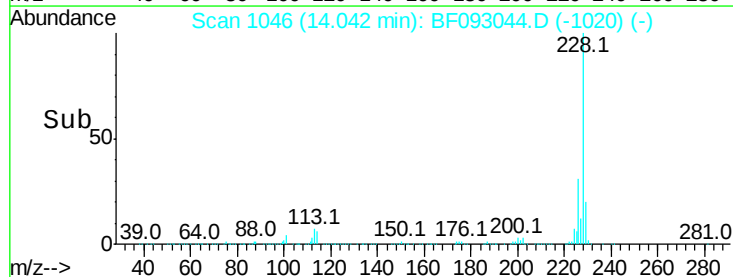
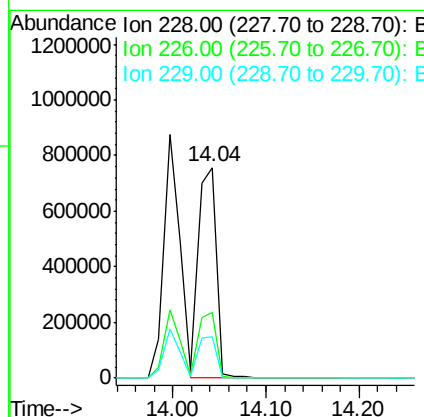
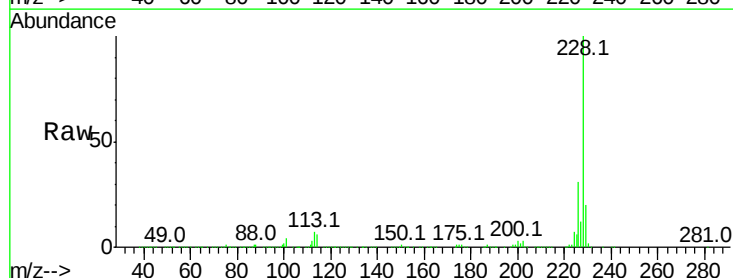
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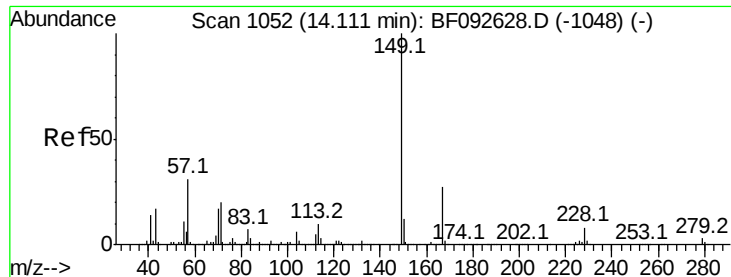
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#82
 Chrysene
 Concen: 45.13 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.4	38.0
229	19.7	16.2	24.2





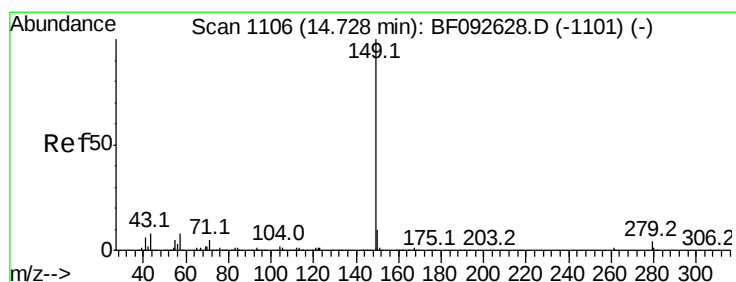
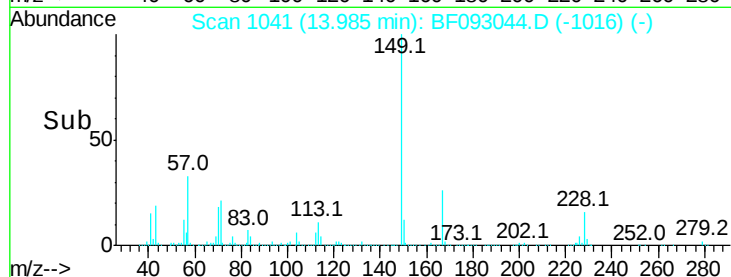
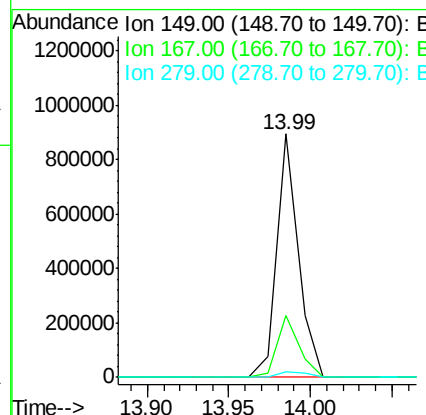
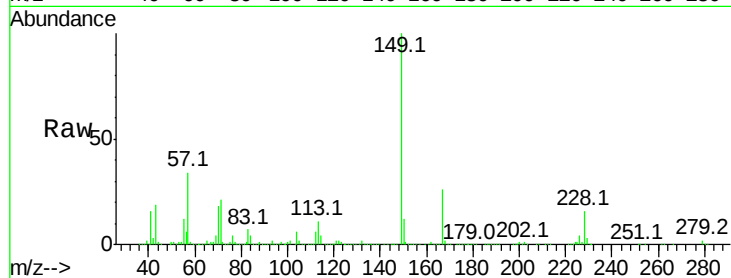
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.34 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.2	30.4
279	2.4	1.8	2.8

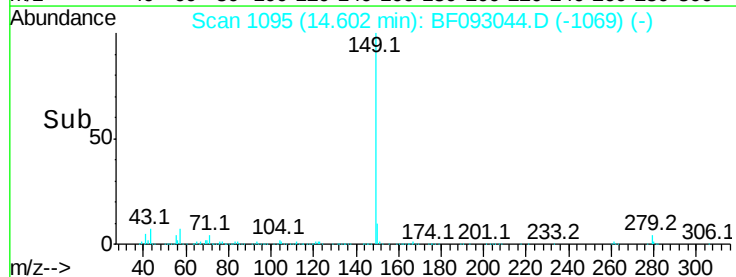
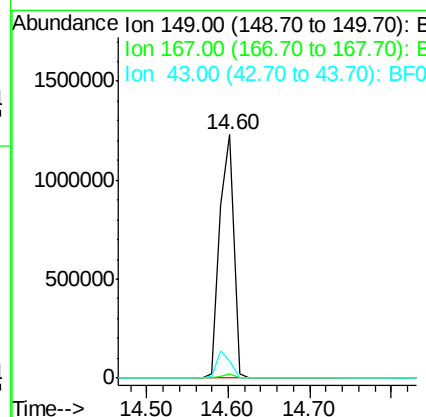
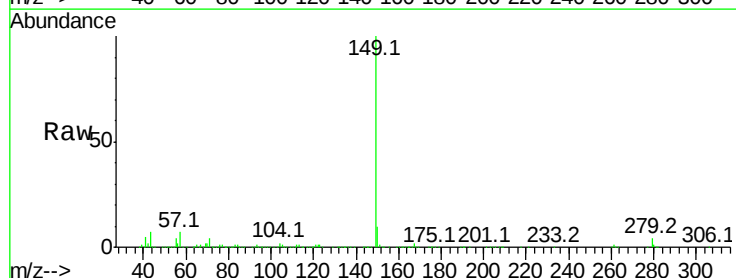
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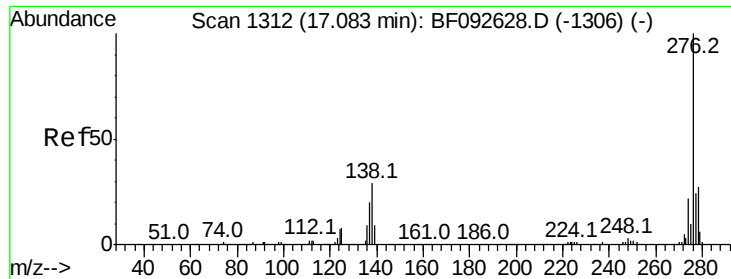
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 55.53 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.8	8.9	13.3





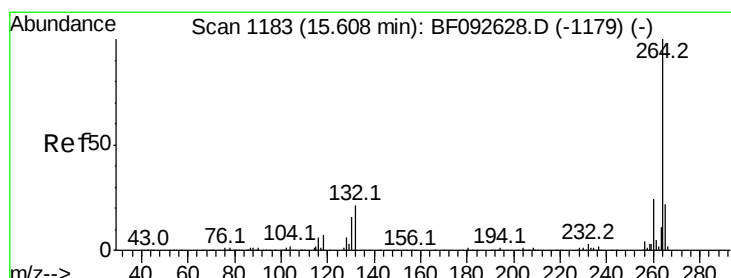
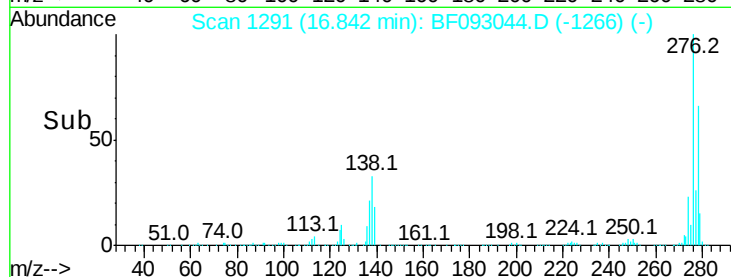
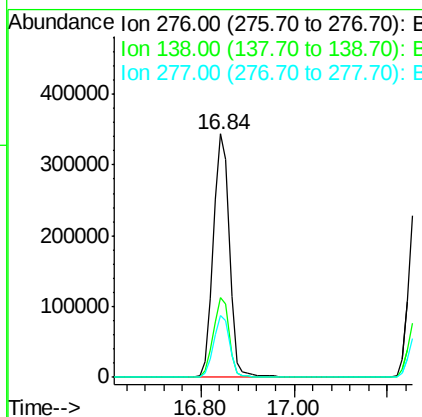
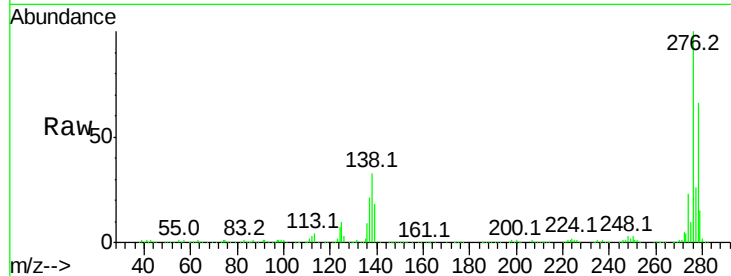
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.46 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.6
277	25.5	20.2	30.4

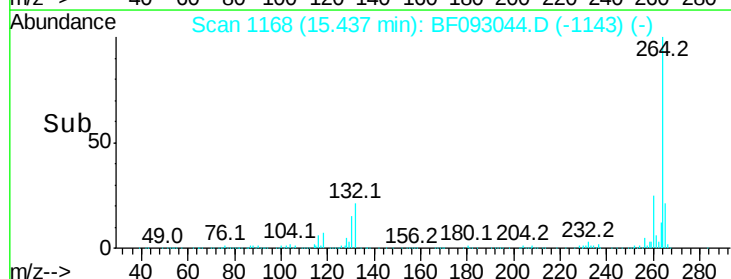
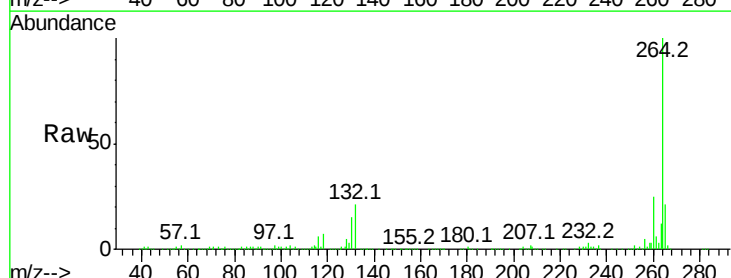
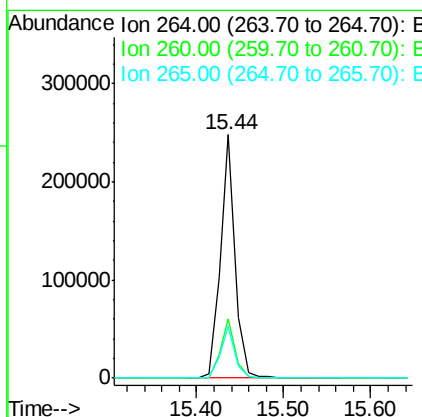
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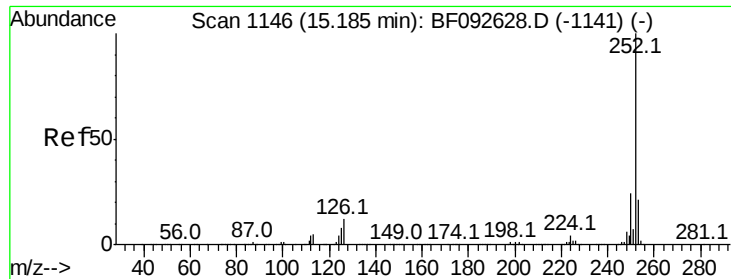
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 59.17 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Instrument :

BNA_F

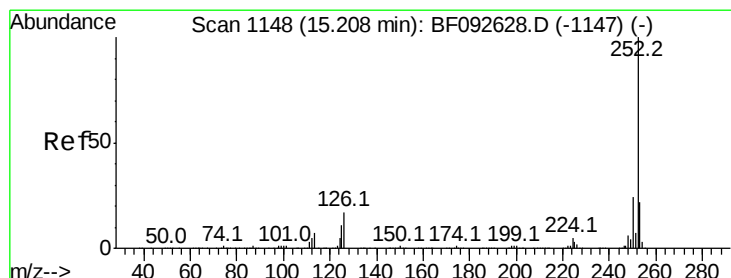
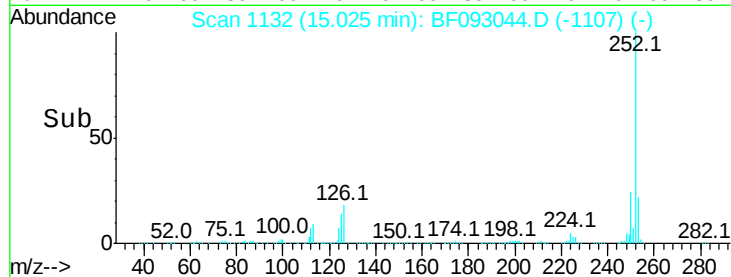
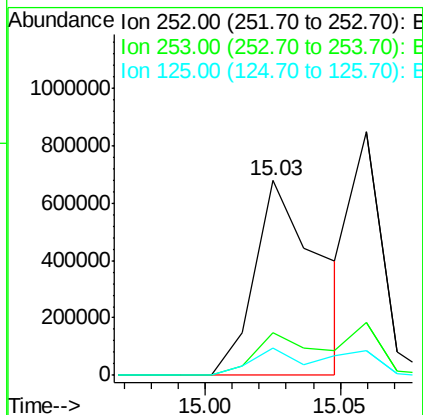
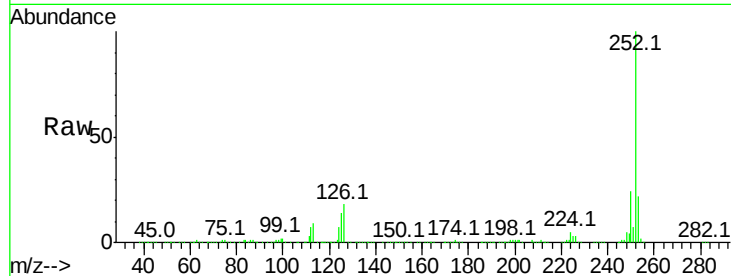
ClientSampleId :

B1-2MSD

Tot Ion:	252	Resp:	1143318
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.4
125	13.9	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 39.25 ng m

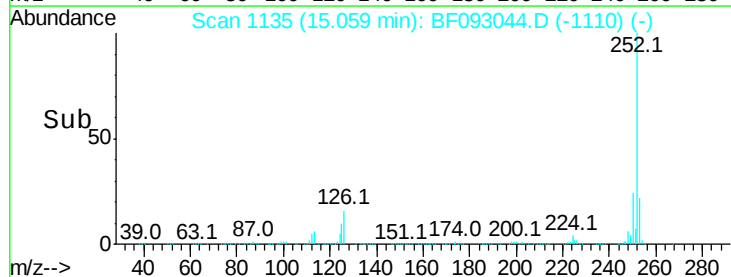
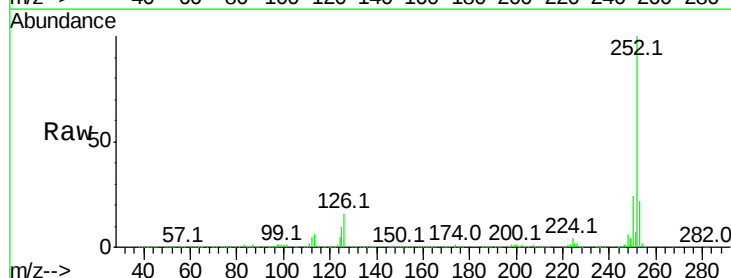
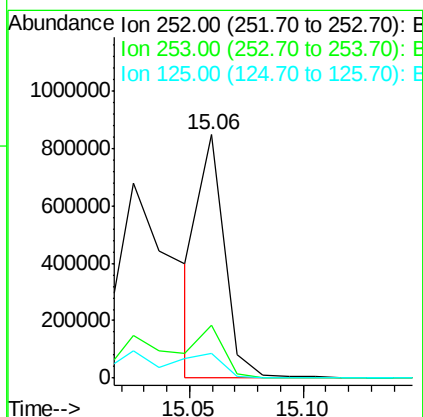
RT: 15.06 min Scan# 1135

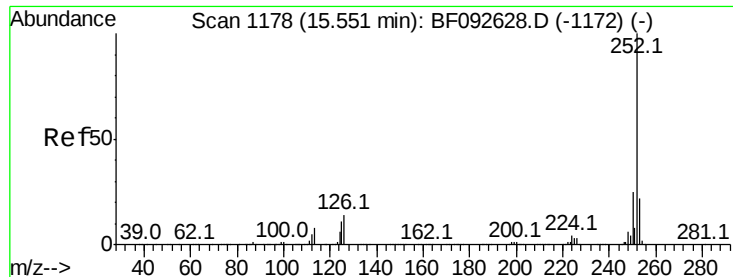
Delta R.T. -0.01 min

Lab File: BF093044.D

Acq: 20 Feb 2017 22:32

Tgt Ion:	252	Resp:	654808
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.5	27.7
125	10.3	8.9	13.3





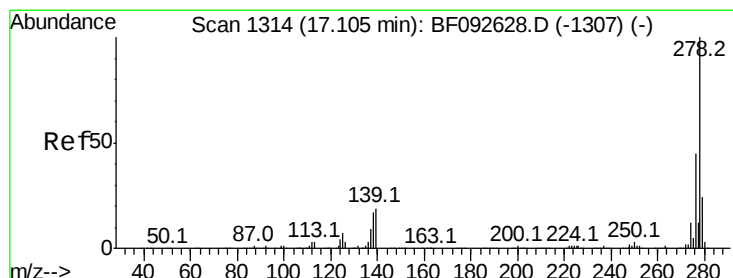
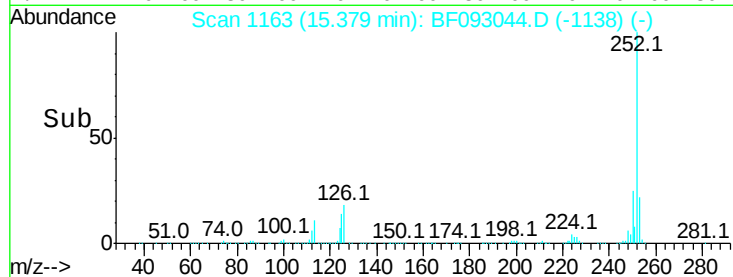
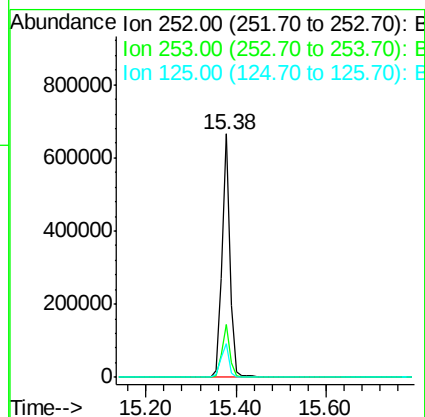
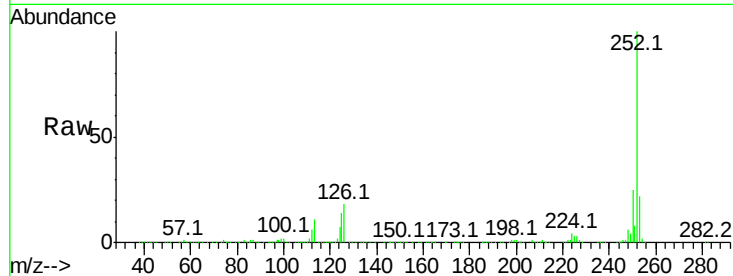
#89
Benzo(a)pyrene
Concen: 48.91 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.9	10.0	15.0

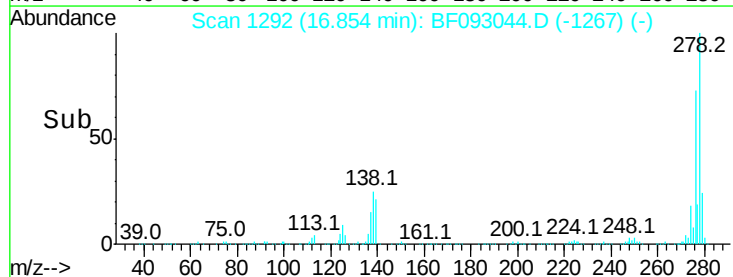
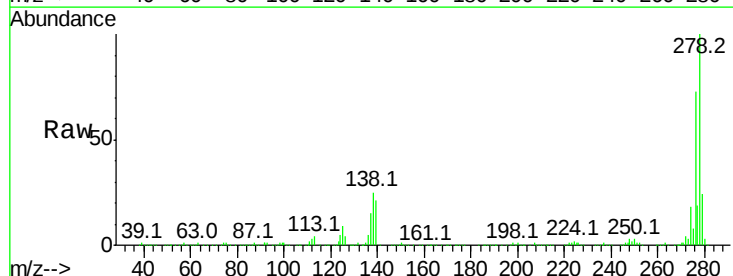
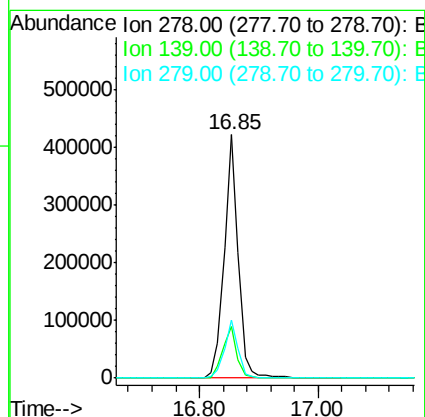
Manual Integrations
APPROVED

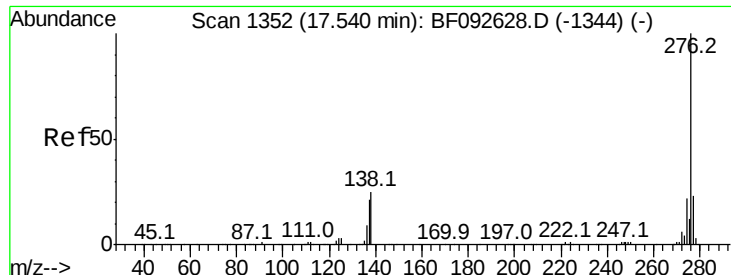
mohammad
2/21/2017 3:57:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.36 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093044.D
Acq: 20 Feb 2017 22:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	23.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 52.96 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093044.D
 Acq: 20 Feb 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 B1-2MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.2	28.8
138	28.5	16.0	24.0

Manual Integrations
 APPROVED

mohammad
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