

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092422.D
 Acq On : 24 Jan 2017 12:05
 Operator : UM/SJ
 Sample : SSTDIC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:28 PM

Quant Time: Jan 24 13:06:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 12:41:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173866	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	719716	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	384551	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	637824	20.00	ng	0.00
75) Chrysene-d12	14.18	240	470250	20.00	ng	0.01
86) Perylene-d12	15.65	264	430473	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1141477	109.62	ng	0.01
7) Phenol-d6	6.59	99	1380041	108.55	ng	0.00
23) Nitrobenzene-d5	7.54	82	1284763	99.26	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	275099	86.44	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2065878	103.13	ng	0.00
78) Terphenyl-d14	13.12	244	1703224	87.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	297329	58.00	ng	# 83
3) Pyridine	3.39	79	870263	48.64	ng	# 86
4) n-Nitrosodimethylamine	3.34	42	427829	63.39	ng	# 80
6) Aniline	6.64	93	1054637	63.87	ng	# 47
8) 2-Chlorophenol	6.75	128	560872	47.35	ng	90
9) Benzaldehyde	6.51	77	493146	62.77	ng	87
10) Phenol	6.60	94	786176	54.27	ng	80
11) bis(2-Chloroethyl)ether	6.70	93	575284	49.91	ng	89
12) 1,3-Dichlorobenzene	6.91	146	652439m	51.60	ng	
13) 1,4-Dichlorobenzene	6.99	146	693693	53.90	ng	97
14) 1,2-Dichlorobenzene	7.15	146	630449	56.45	ng	95
15) Benzyl Alcohol	7.12	79	563533	57.05	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1207445	70.34	ng	91
17) 2-Methylphenol	7.22	107	501229	52.62	ng	98
18) Hexachloroethane	7.49	117	242693	50.86	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	483096	57.12	ng	# 97
20) 3+4-Methylphenols	7.38	107	547502	48.19	ng	93
22) Acetophenone	7.39	105	864929	48.72	ng	# 97
24) Nitrobenzene	7.56	77	701733	50.90	ng	98
25) Isophorone	7.80	82	1237317	51.81	ng	94
26) 2-Nitrophenol	7.88	139	310426	45.66	ng	# 81
27) 2,4-Dimethylphenol	7.92	122	603094	53.49	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	839319	57.96	ng	99
29) 2,4-Dichlorophenol	8.12	162	521715	54.64	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	523419	50.03	ng	# 95
31) Naphthalene	8.29	128	1756770	53.33	ng	98
32) Benzoic acid	8.04	122	463649	55.44	ng	97
33) 4-Chloroaniline	8.34	127	757912	51.03	ng	95
34) Hexachlorobutadiene	8.41	225	287277	52.02	ng	99
35) Caprolactam	8.73	113	191376m	60.99	ng	
36) 4-Chloro-3-methylphenol	8.82	107	596915	54.33	ng	99
37) 2-Methylnaphthalene	8.98	142	1061157	46.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	467660	48.13	ng	99
40) Hexachlorocyclopentadiene	9.14	237	246237	64.45	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	372562	54.83	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	351092	50.21	nq #	89
45) 1,1'-Biphenyl	9.46	154	1307611	49.66	nq	99
46) 2-Chloronaphthalene	9.48	162	1106482	53.06	nq	96
47) 2-Nitroaniline	9.57	65	426399	57.43	nq	90
48) Acenaphthylene	9.89	152	1550583	48.35	nq	99
49) Dimethylphthalate	9.76	163	1090331	44.33	nq	98
50) 2,6-Dinitrotoluene	9.81	165	246525	45.79	nq #	71
51) Acenaphthene	10.06	154	938470	43.16	nq	97
52) 3-Nitroaniline	9.98	138	320299	48.08	nq	100
53) 2,4-Dinitrophenol	10.09	184	137644	45.95	nq #	88
54) Dibenzofuran	10.24	168	1252091	42.64	nq	99
55) 4-Nitrophenol	10.13	139	252117	55.74	nq	95
56) 2,4-Dinitrotoluene	10.21	165	340018	50.32	nq #	88
57) Fluorene	10.58	166	969997	45.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	245019	44.30	nq	98
59) Diethylphthalate	10.46	149	1169377	48.96	nq #	93
60) 4-Chlorophenyl-phenylether	10.58	204	484992	51.85	nq #	82
61) 4-Nitroaniline	10.60	138	322130	46.66	nq	96
62) Azobenzene	10.74	77	1374494	52.26	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	171049	44.35	nq #	30
65) n-Nitrosodiphenylamine	10.69	169	889944	47.02	nq	100
66) 4-Bromophenyl-phenylether	11.07	248	311024	46.88	nq	92
67) Hexachlorobenzene	11.13	284	302851	42.70	nq #	74
68) Atrazine	11.23	200	345405	56.58	nq	97
69) Pentachlorophenol	11.32	266	209973	60.34	nq	98
70) Phenanthrene	11.55	178	1543168	44.62	nq	99
71) Anthracene	11.61	178	1679499	48.49	nq	98
72) Carbazole	11.76	167	1508423	47.07	nq	99
73) Di-n-butylphthalate	12.09	149	1780043	47.56	nq	99
74) Fluoranthene	12.74	202	1546328	44.81	nq	98
76) Benzidine	12.87	184	922824	67.71	nq	97
77) Pyrene	12.97	202	1681096	48.72	nq	100
79) Butylbenzylphthalate	13.60	149	797350	50.81	nq	91
80) Benzo(a)anthracene	14.16	228	1270462	47.86	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	517655	51.43	nq	100
82) Chrysene	14.20	228	1376312	51.69	nq	100
83) Bis(2-ethylhexyl)phthalate	14.16	149	880092	47.62	nq #	99
84) Di-n-octyl phthalate	14.77	149	1818623	53.12	nq	95
85) Indeno(1,2,3-cd)pyrene	17.14	276	1047529	45.41	nq #	93
87) Benzo(b)fluoranthene	15.22	252	1263169	47.13	nq	99
88) Benzo(k)fluoranthene	15.25	252	1212086m	53.04	nq	
89) Benzo(a)pyrene	15.60	252	1175494	49.42	nq	97
90) Dibenzo(a,h)anthracene	17.16	278	914211	46.76	nq	96
91) Benzo(g,h,i)perylene	17.60	276	897758	44.16	nq #	93

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

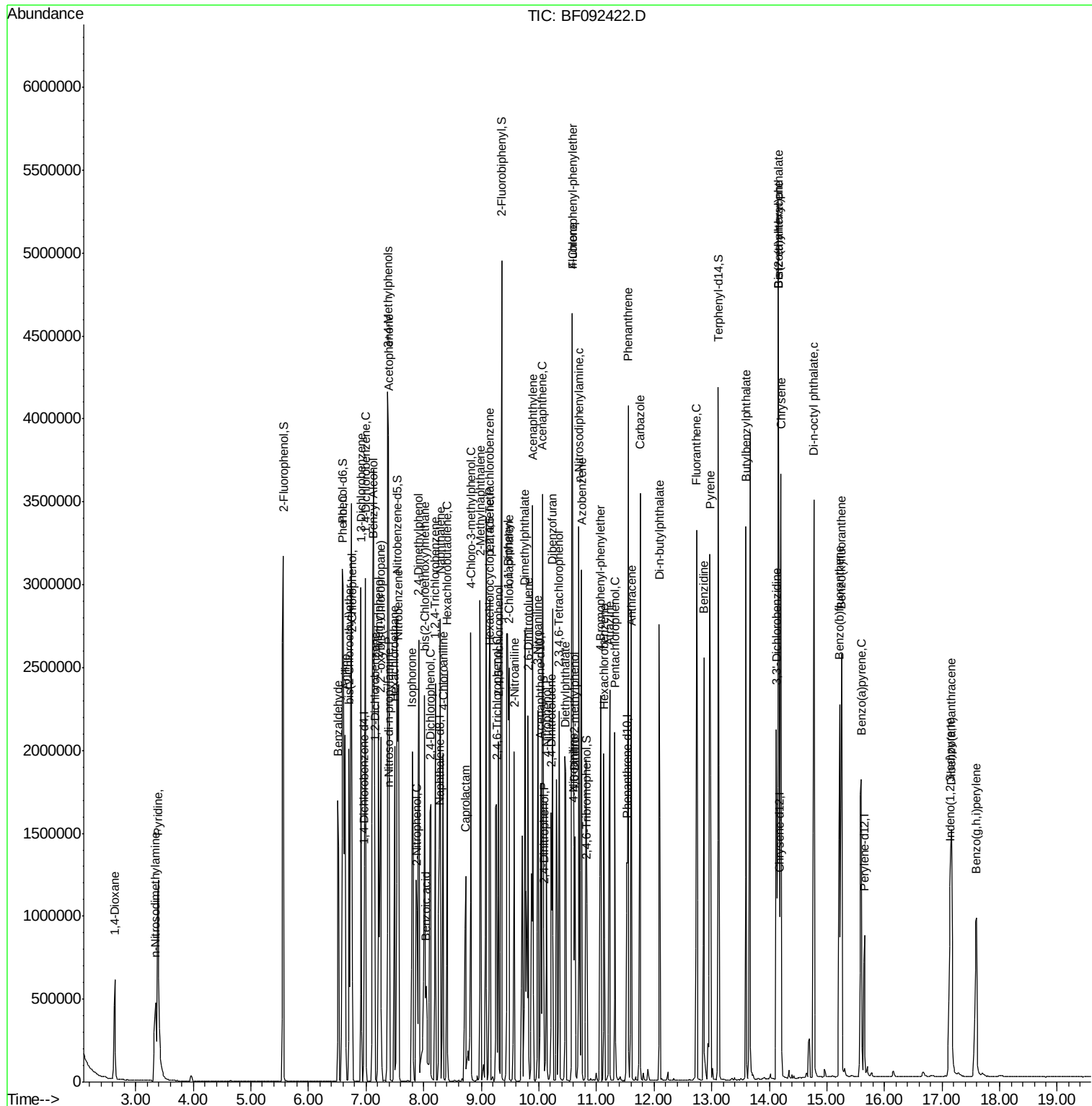
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Operator  : UM/SJ  
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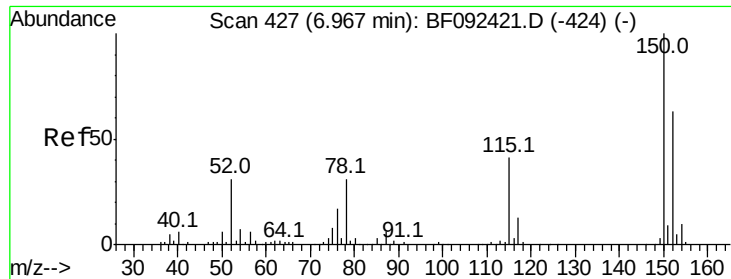
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 173866

Ion Ratio Lower Upper

152 100

150 162.3 124.9 187.3

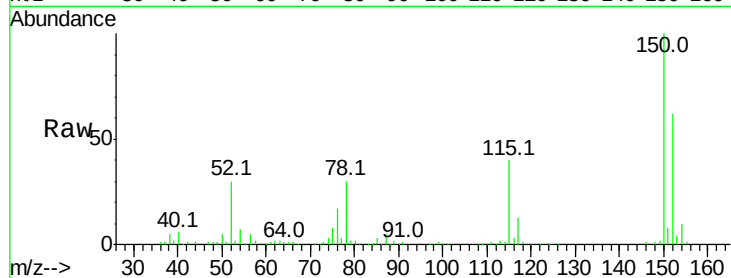
115 64.2 46.0 69.0

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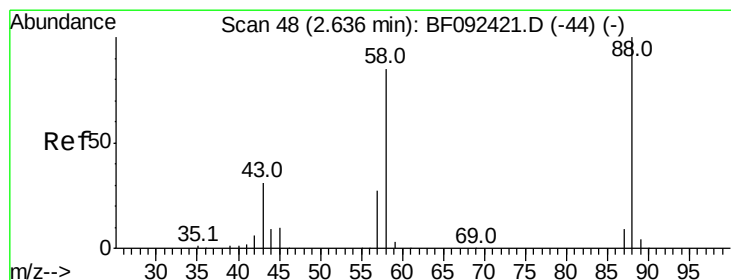
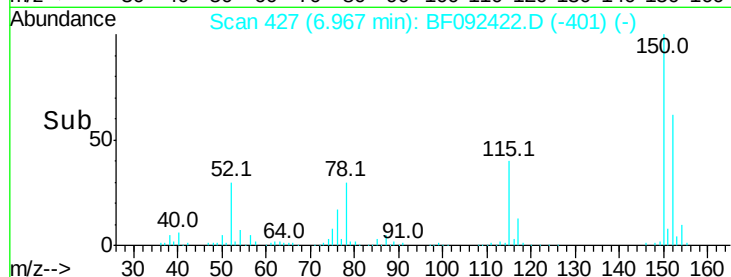
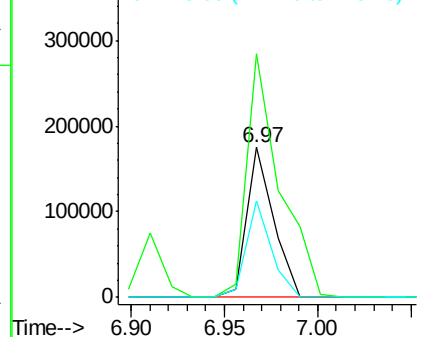
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 58.00 ng

RT: 2.64 min Scan# 48

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

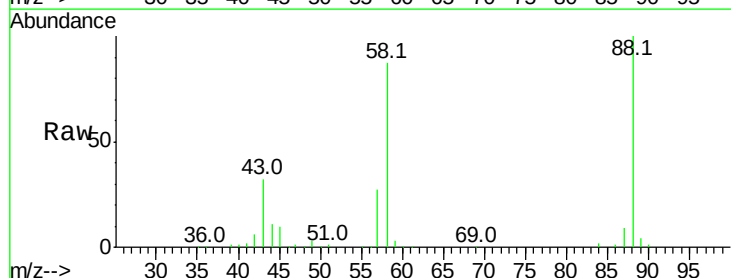
Tgt Ion: 88 Resp: 297329

Ion Ratio Lower Upper

88 100

58 88.8 57.8 86.8#

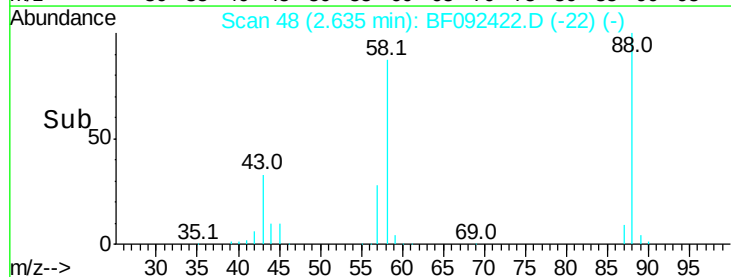
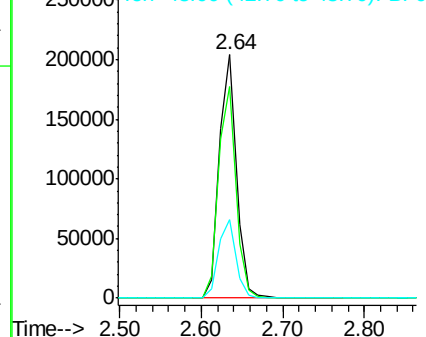
43 33.4 22.3 33.5

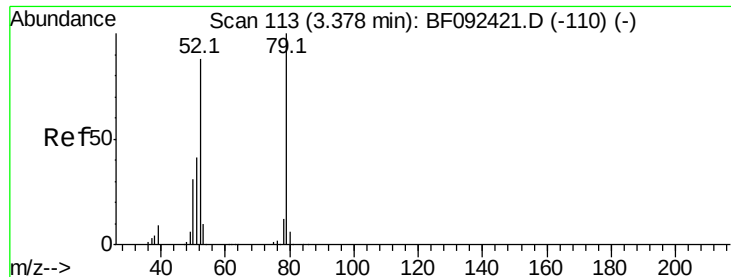


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.64 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

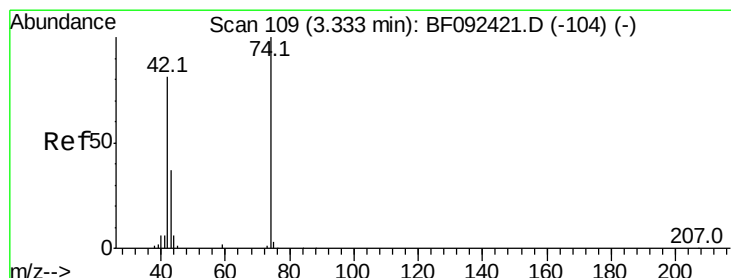
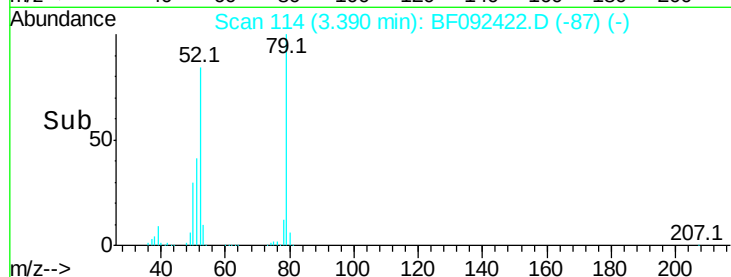
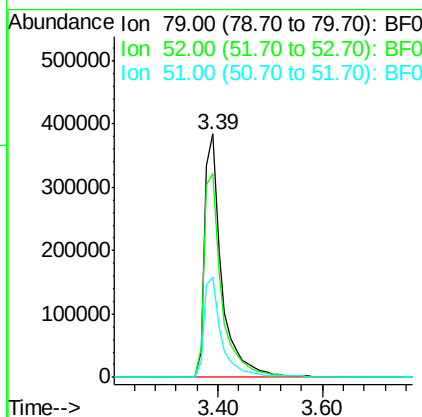
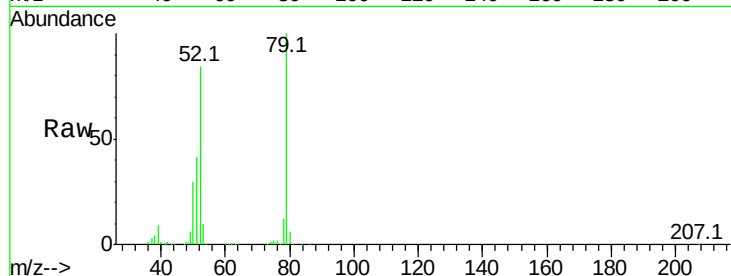
SSTDIC050

Tot Ion: 79 Resp: 870263

Ion	Ratio	Lower	Upper
79	100		
52	84.0	57.1	85.7
51	41.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 63.39 ng

RT: 3.34 min Scan# 110

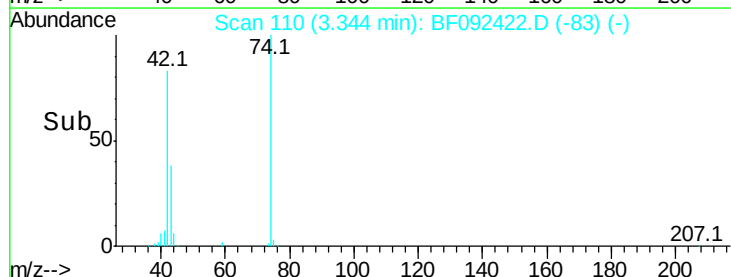
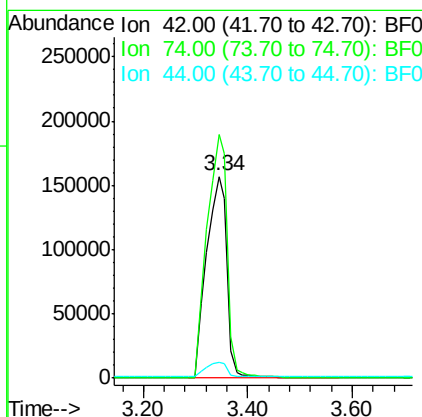
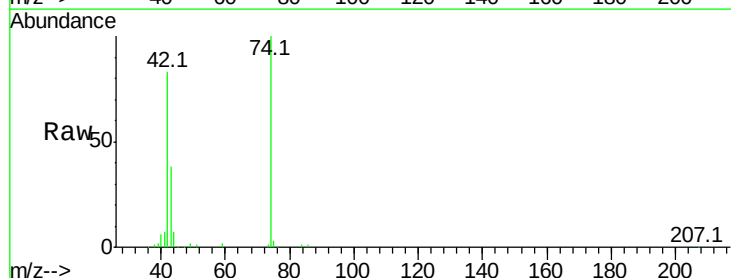
Delta R.T. 0.01 min

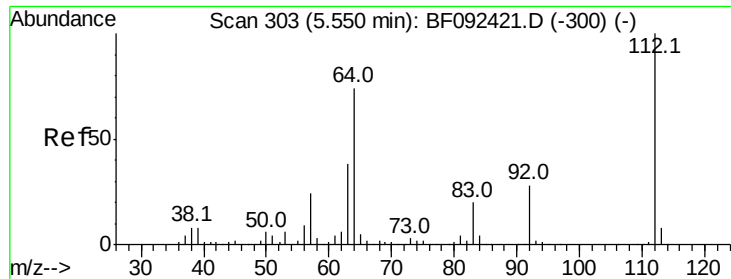
Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Tgt Ion: 42 Resp: 427829

Ion	Ratio	Lower	Upper
42	100		
74	120.6	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 109.62 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

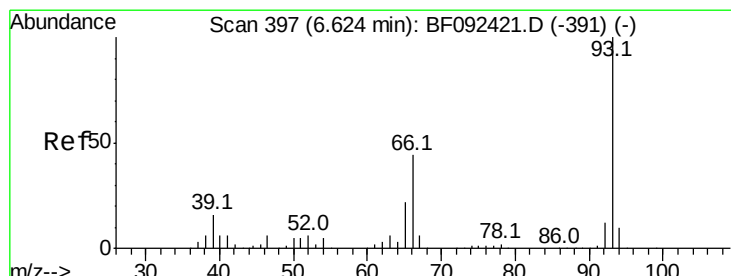
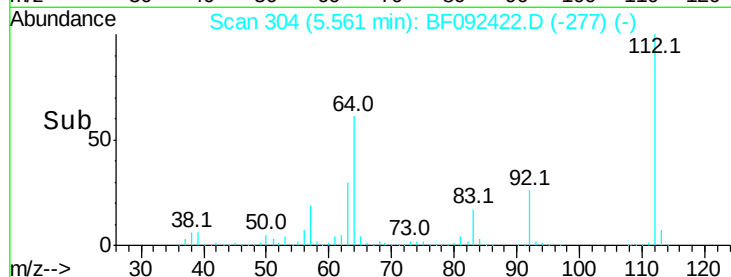
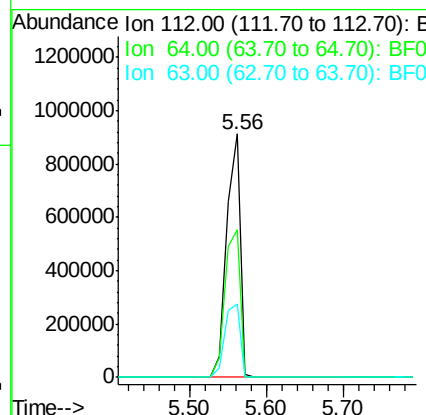
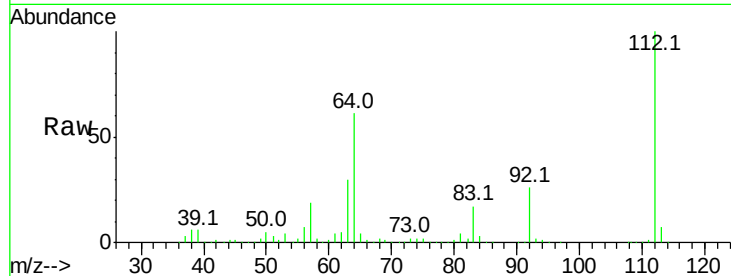
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	1141477
Ion Ratio	Lower	Upper	
112	100		
64	60.7	46.1	69.1
63	30.1	23.8	35.6

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#6

Aniline

Concen: 63.87 ng

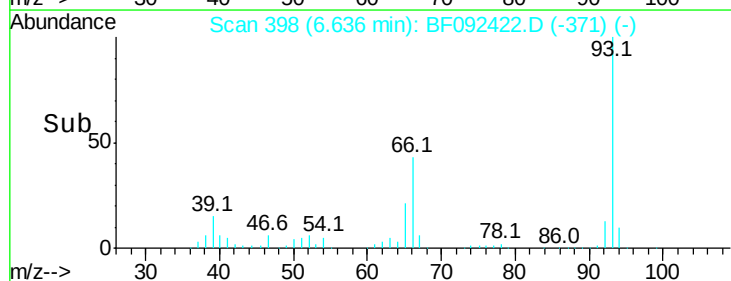
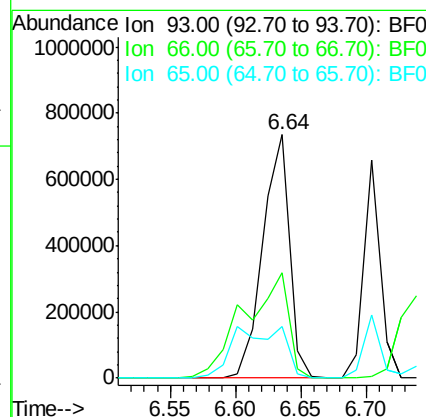
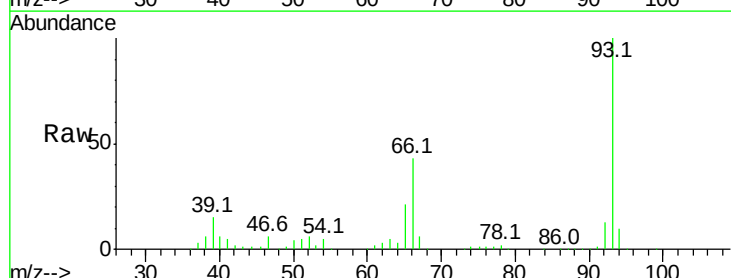
RT: 6.64 min Scan# 398

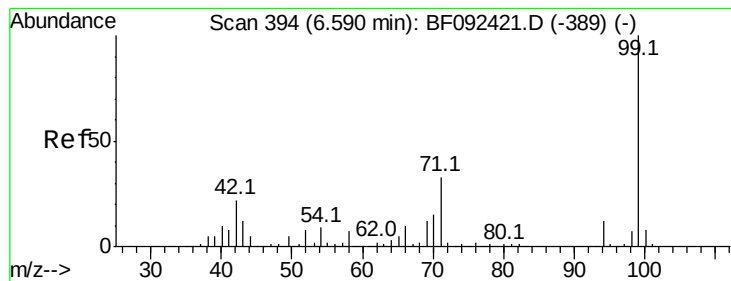
Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Tgt Ion:	93	Resp:	1054637
Ion Ratio	Lower	Upper	
93	100		
66	43.3	76.2	114.2#
65	21.4	49.3	73.9#





#7

Phenol-d6

Concen: 108.55 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1380041

Ion Ratio Lower Upper

99 100

42 23.1 15.6 23.4

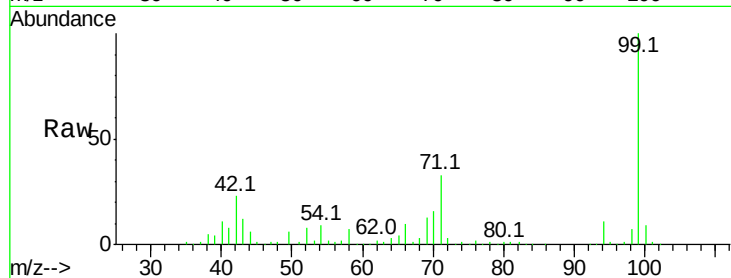
71 33.3 27.5 41.3

Manual Integrations

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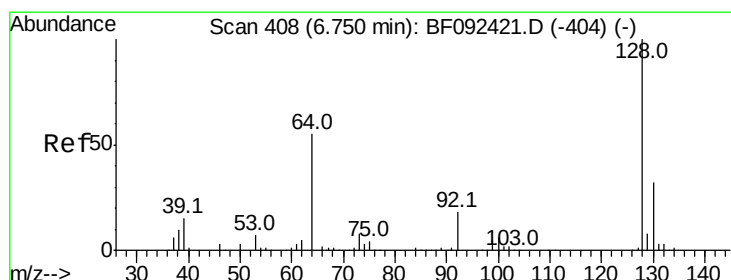
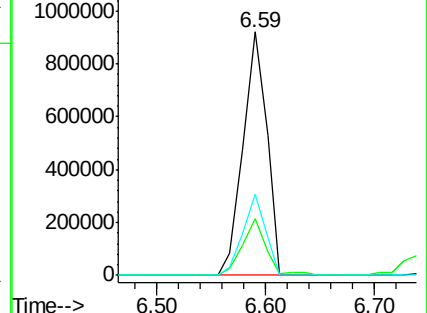
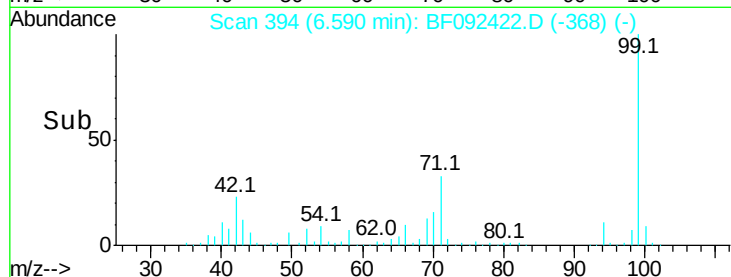
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.35 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

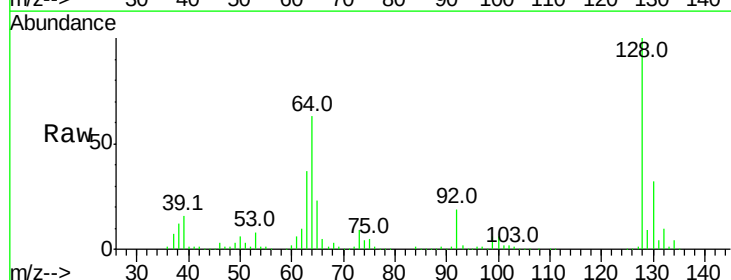
Tgt Ion:128 Resp: 560872

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

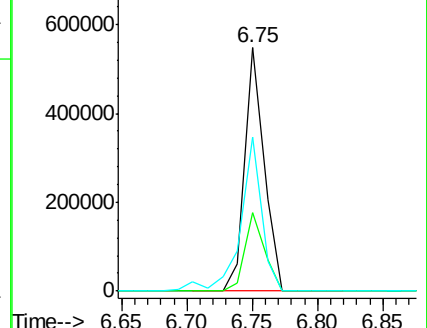
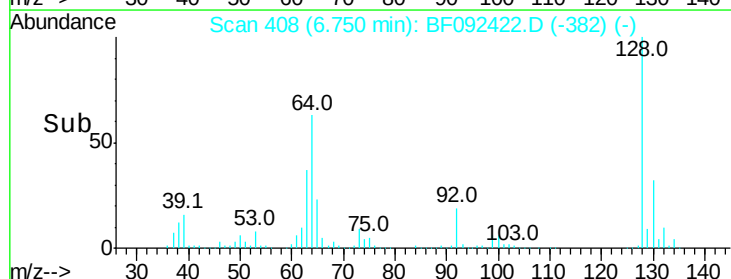
64 63.0 32.2 72.2

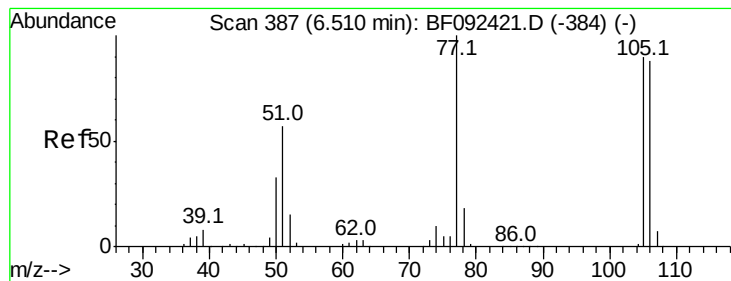


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 62.77 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

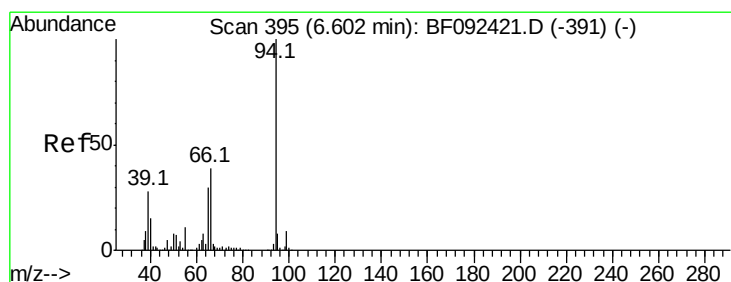
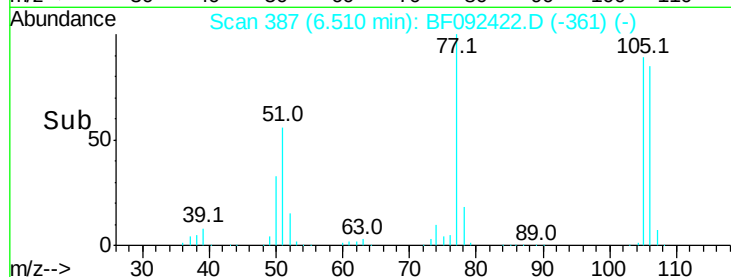
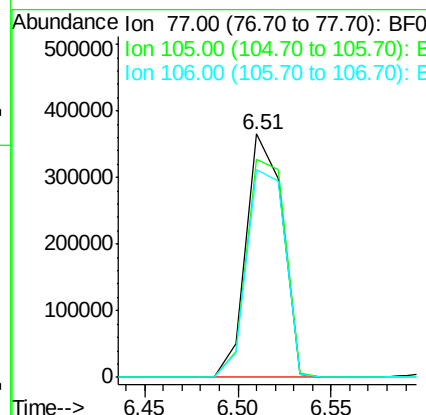
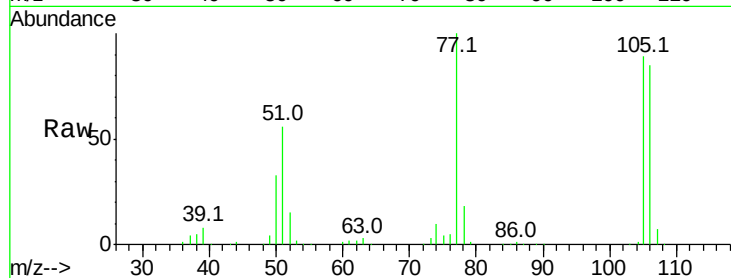
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	493146
Ion Ratio	Lower	Upper	
77	100		
105	89.3	83.9	123.9
106	85.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 54.27 ng

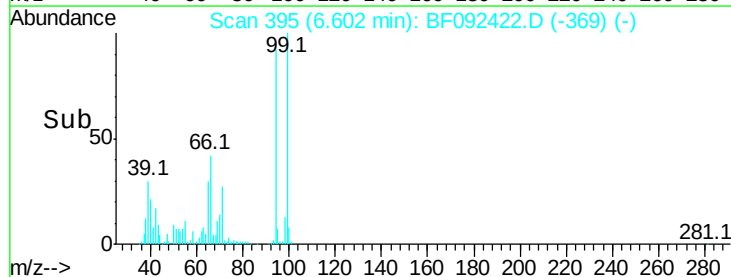
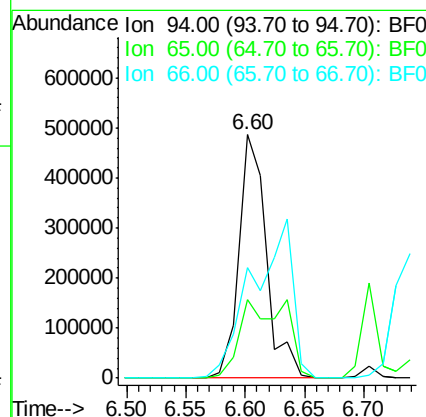
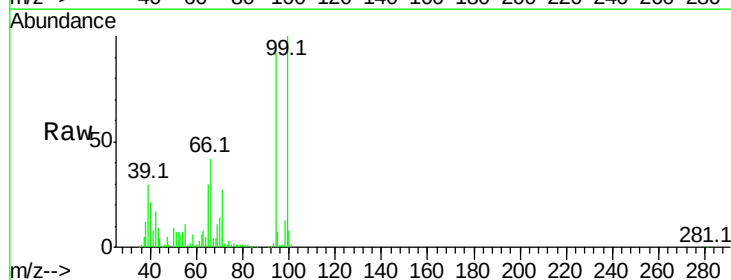
RT: 6.60 min Scan# 395

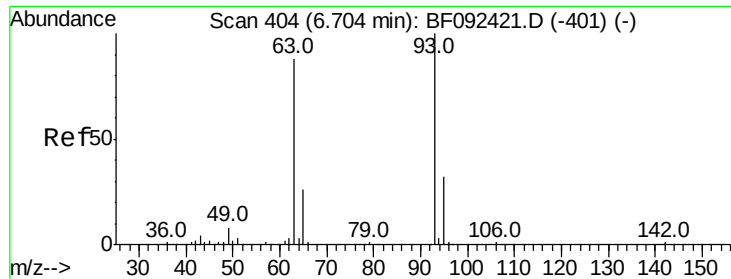
Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Tgt Ion:	94	Resp:	786176
Ion Ratio	Lower	Upper	
94	100		
65	32.3	21.4	61.4
66	45.4	44.0	84.0





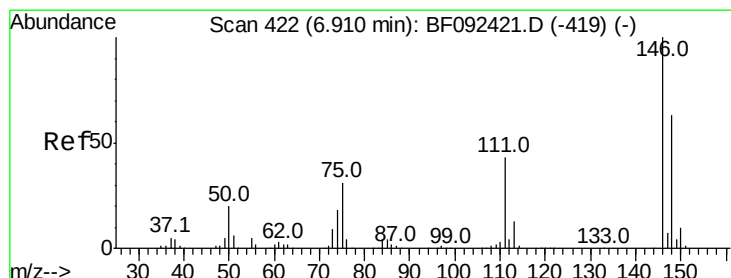
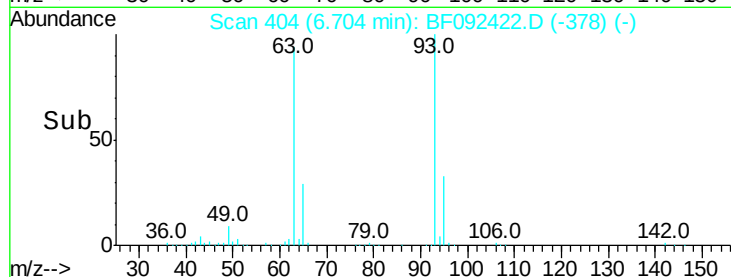
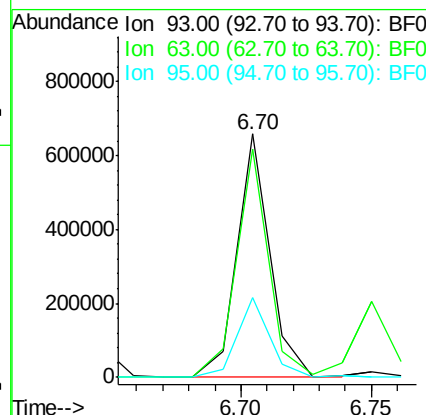
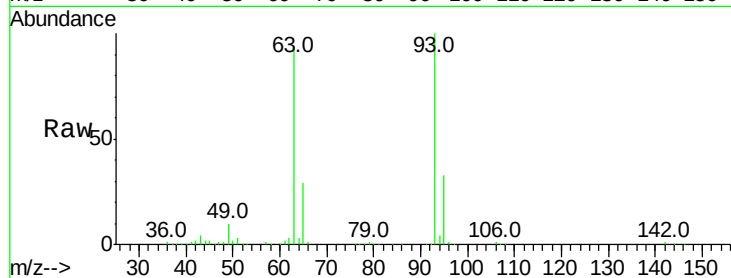
#11
bis(2-Chloroethyl)ether
Concen: 49.91 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	93	Resp	575284
Ion Ratio	100	Lower	Upper
93	100		
63	93.8	60.4	100.4
95	32.7	12.8	52.8

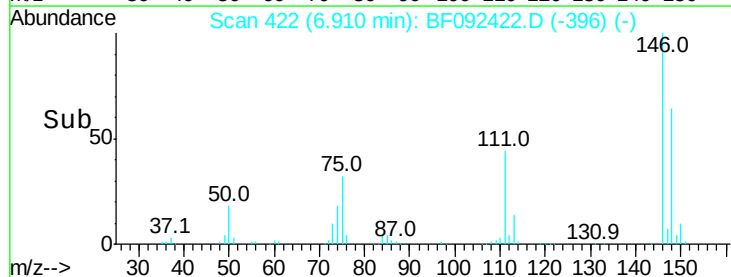
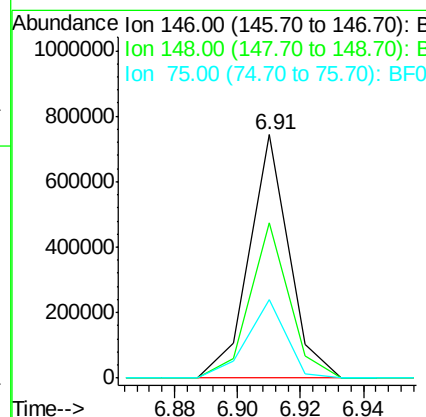
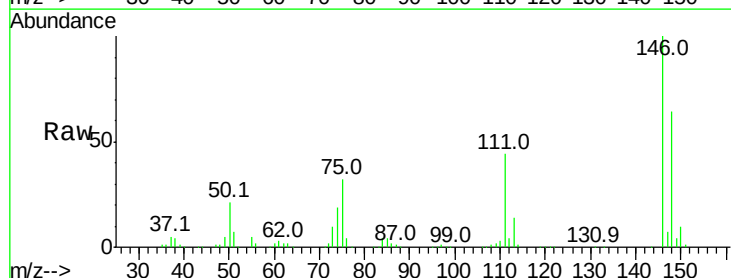
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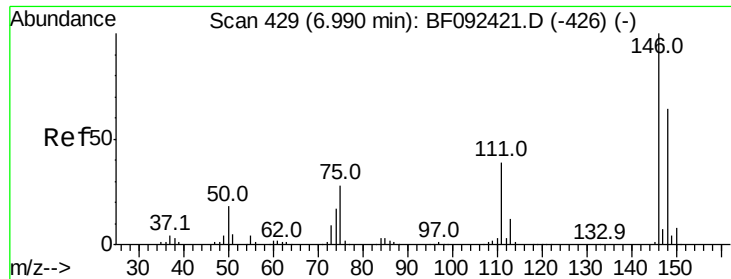
mohammad
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#12
1,3-Dichlorobenzene
Concen: 51.60 ng m
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	146	Resp	652439
Ion Ratio	100	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	32.2	18.5	27.7#





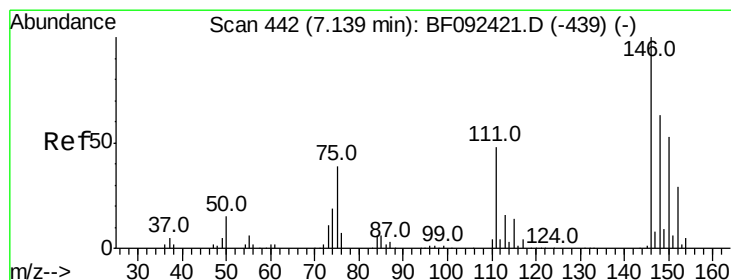
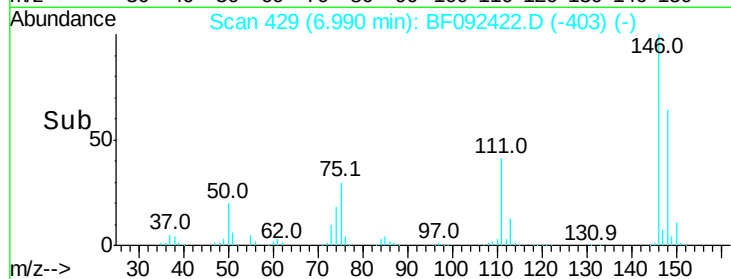
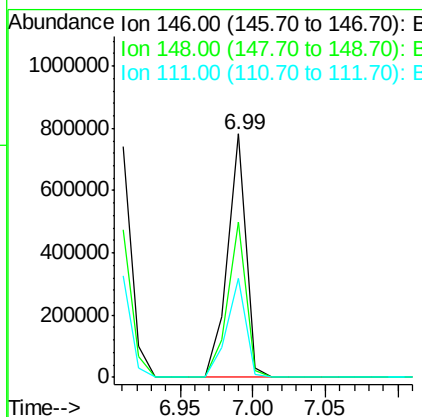
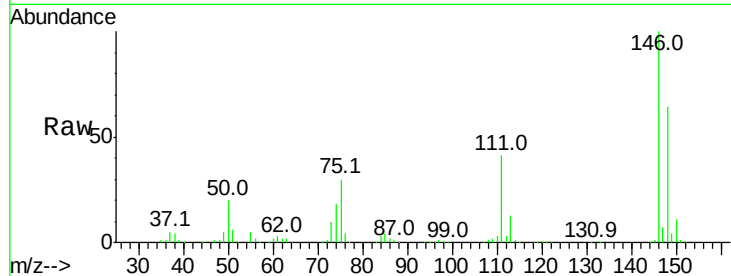
#13
 1,4-Dichlorobenzene
 Concen: 53.90 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	40.7	36.2	54.4

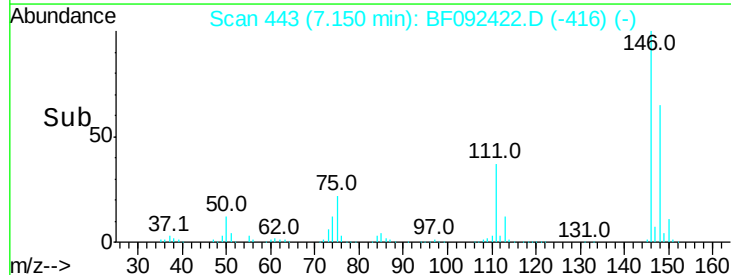
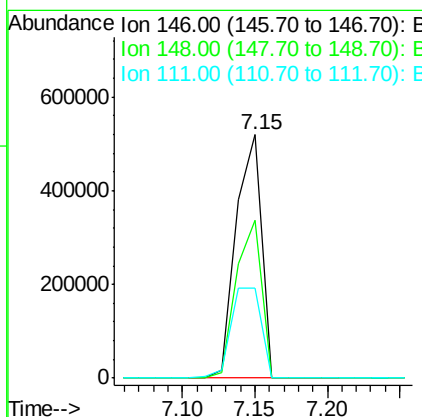
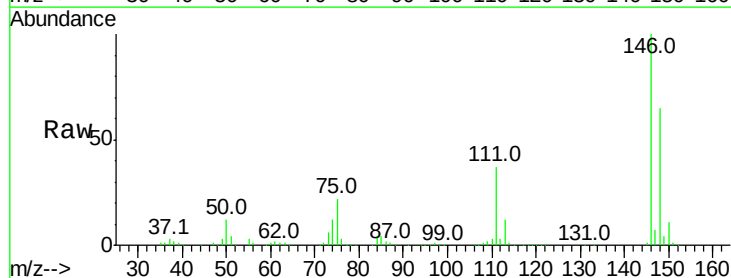
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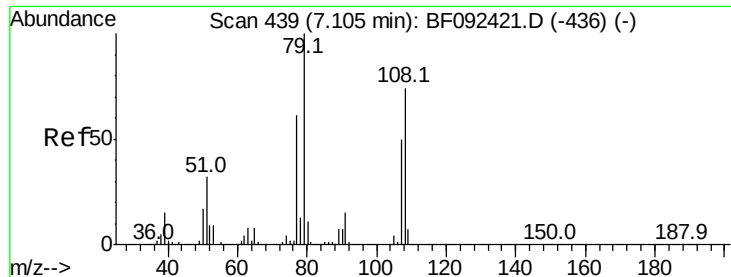
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 56.45 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	36.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 57.05 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

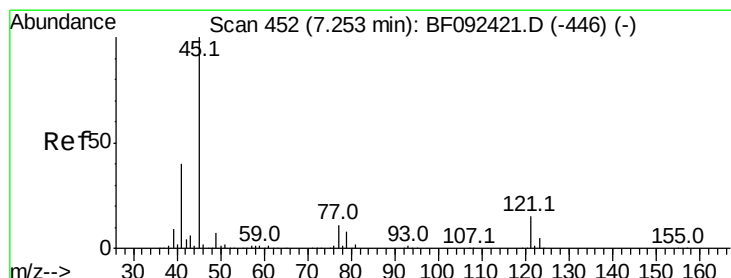
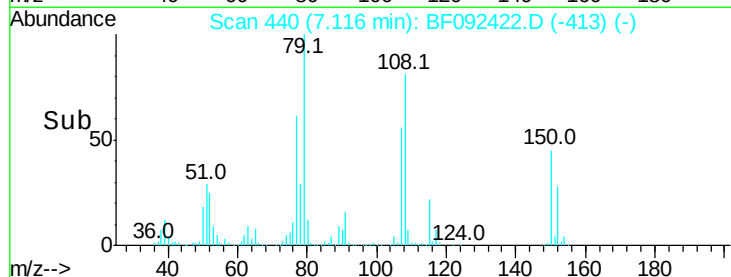
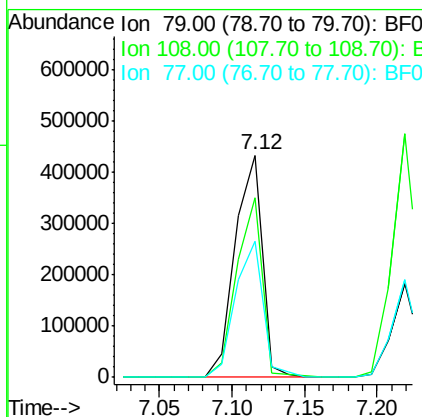
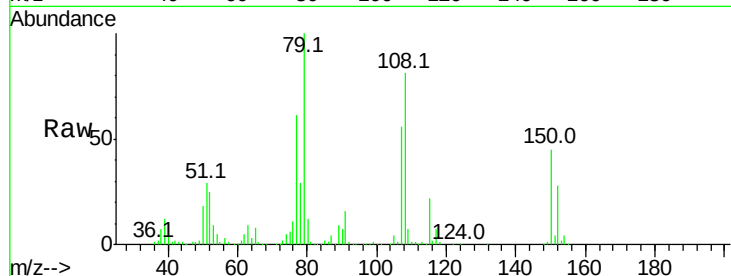
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	563533
Ion Ratio	Lower	Upper	
79	100		
108	81.1	61.4	92.0
77	61.3	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 70.34 ng

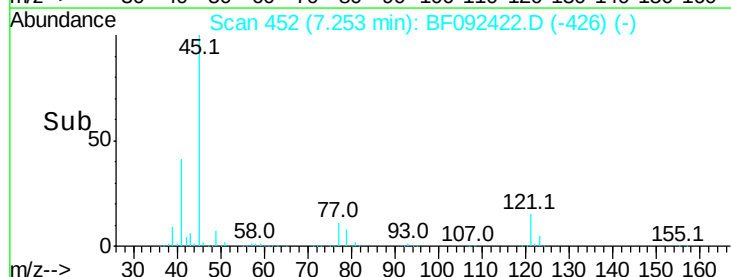
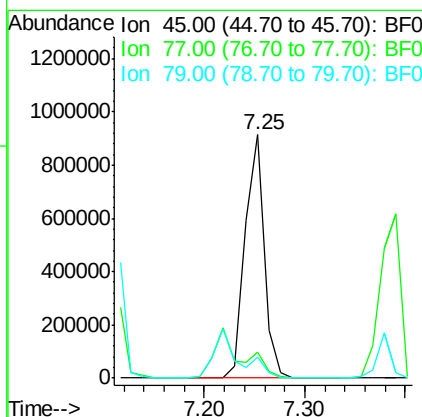
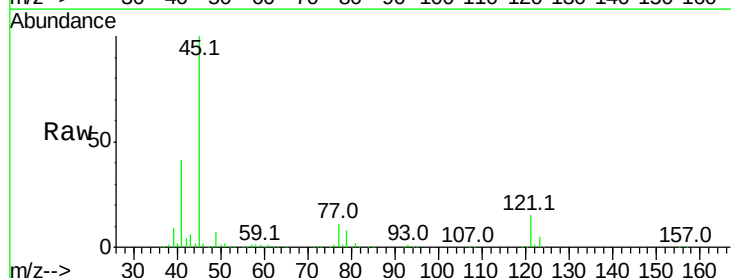
RT: 7.25 min Scan# 452

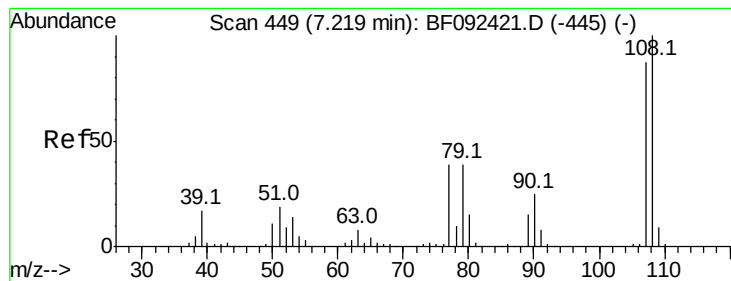
Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Tgt Ion:	45	Resp:	1207445
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	34.6
79	8.4	0.0	31.2





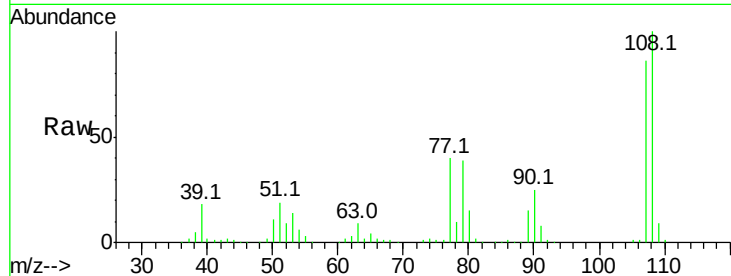
#17
2-Methylphenol
Concen: 52.62 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

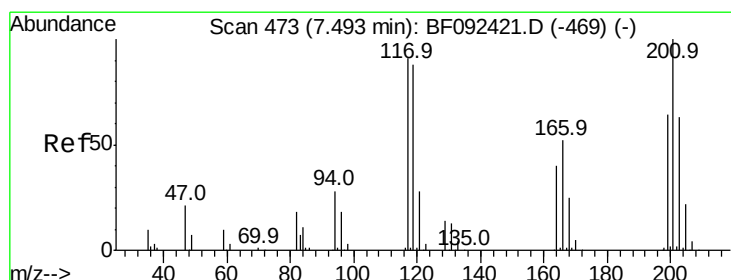
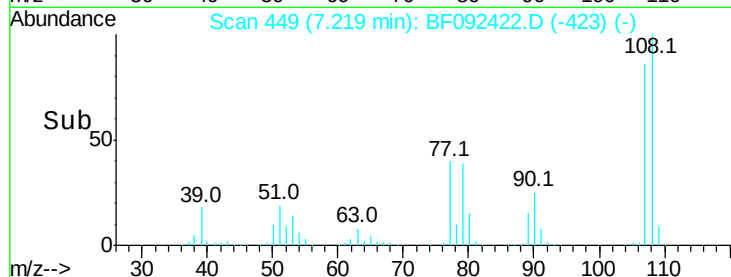
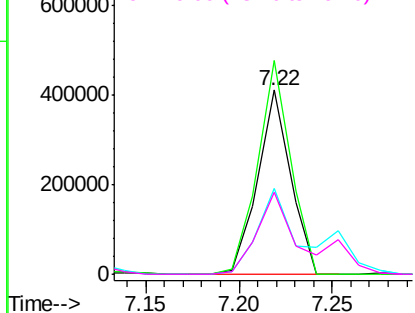
Tot Ion	Ratio	Resp	Lower	Upper
107	100	501229		
108	116.1	93.0	139.6	
77	46.5	39.8	59.8	
79	44.8	38.0	57.0	

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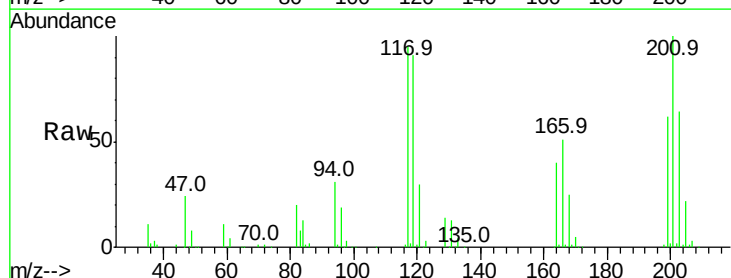


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

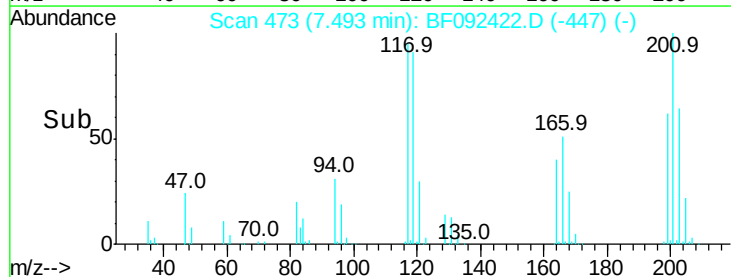
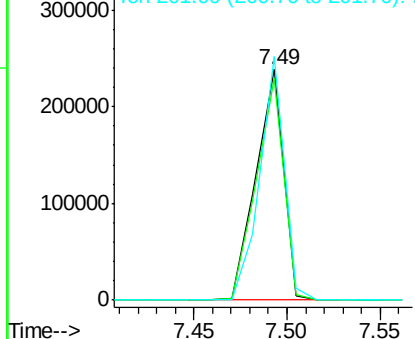


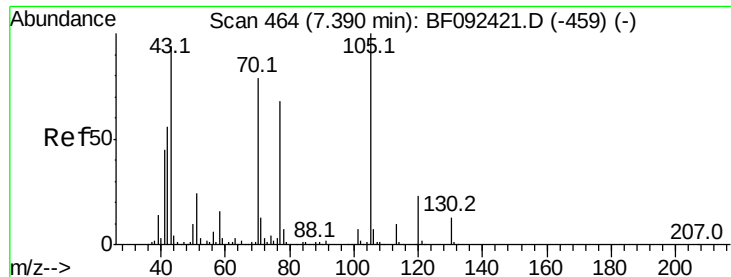
#18
Hexachloroethane
Concen: 50.86 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	242693		
119	96.5	78.1	117.1	
201	105.7	78.6	117.8	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





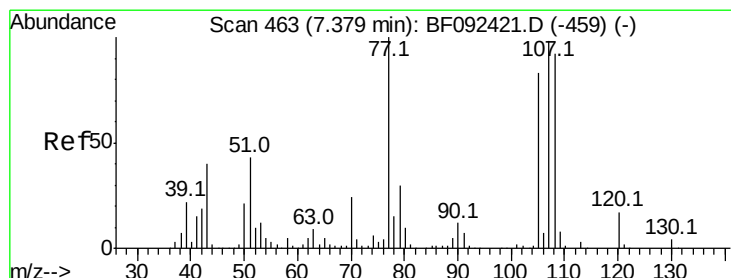
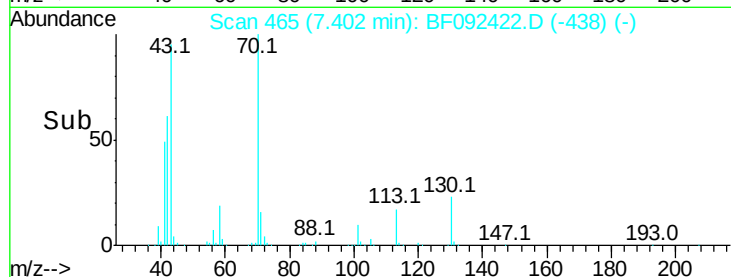
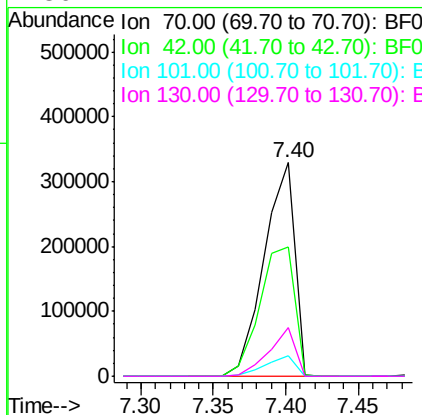
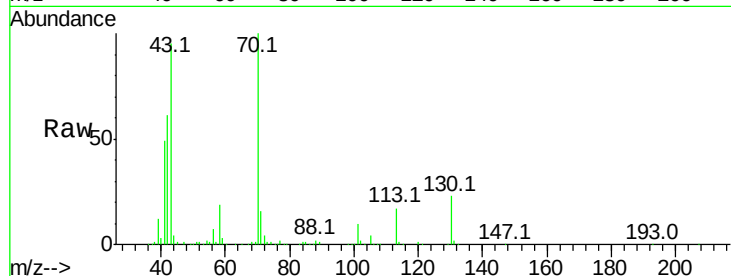
#19
n-Nitroso-di-n-propylamine
Concen: 57.12 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	49.4	74.0
101	9.6	7.4	11.2
130	22.7	14.2	21.4

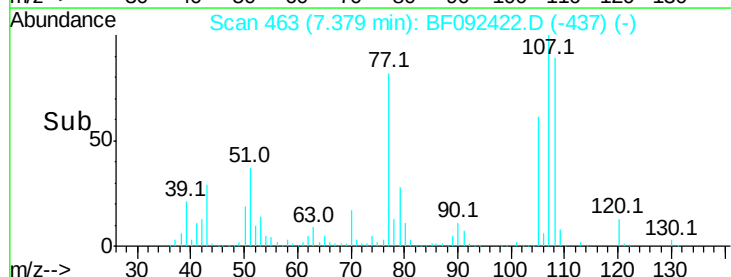
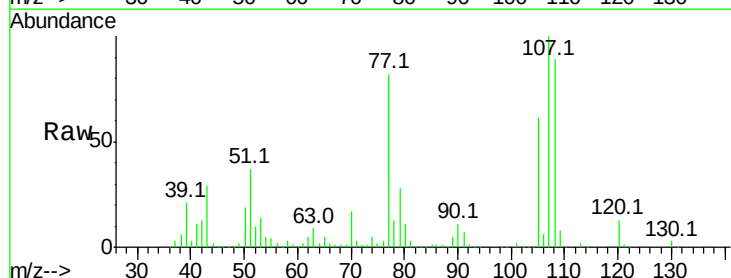
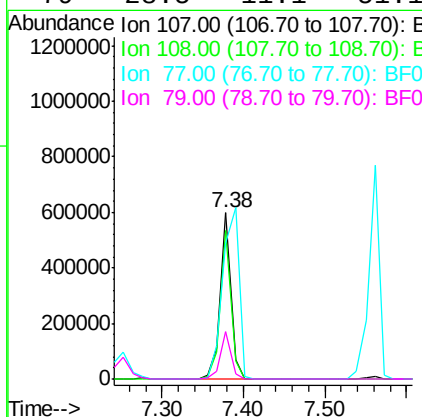
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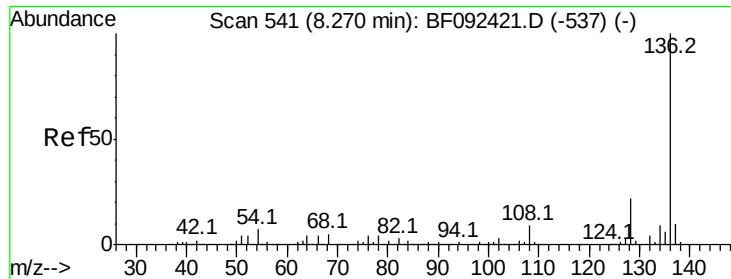
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#20
3+4-Methylphenols
Concen: 48.19 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	81.8	71.3	111.3
79	28.5	11.1	51.1





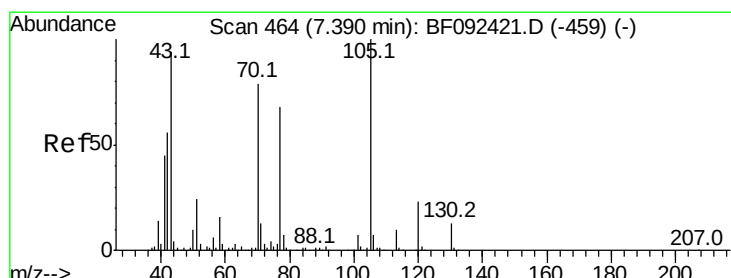
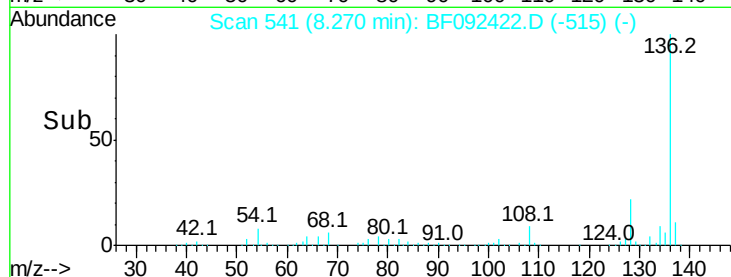
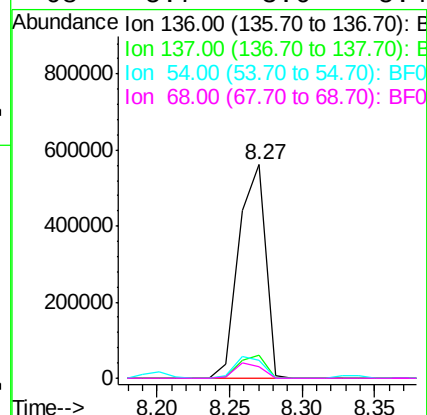
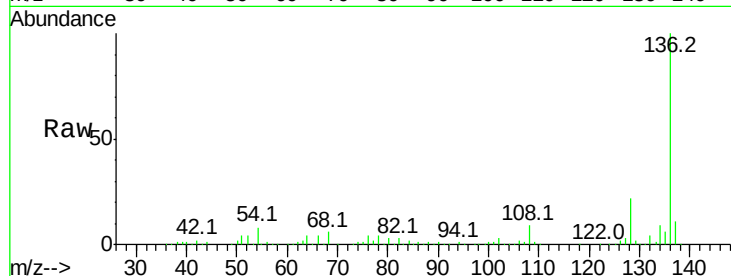
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.4	12.6	
54	8.1	4.5	6.7#	
68	5.7	3.6	5.4#	

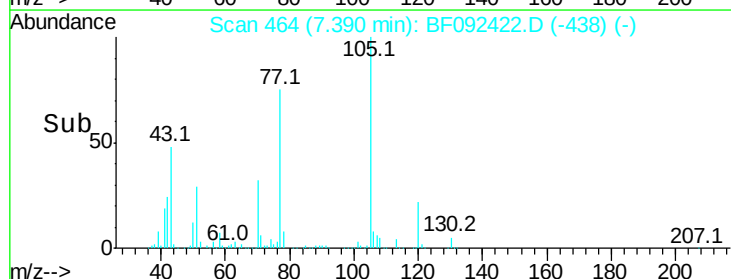
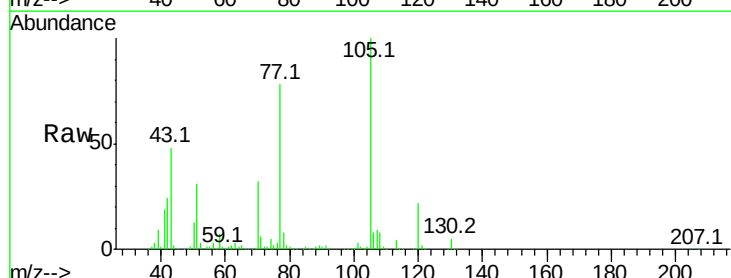
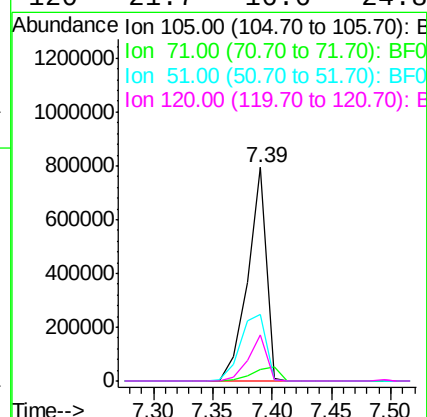
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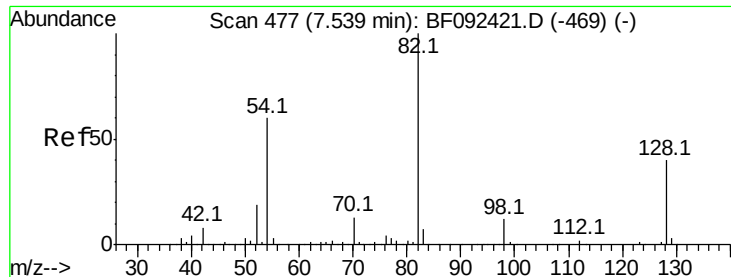
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#22
Acetophenone
Concen: 48.72 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	3.2	4.8#	
51	31.1	26.2	39.4	
120	21.7	16.6	24.8	





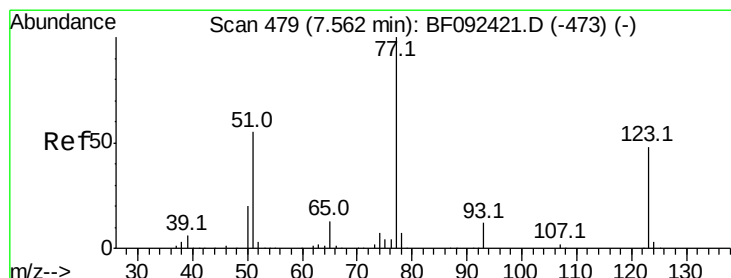
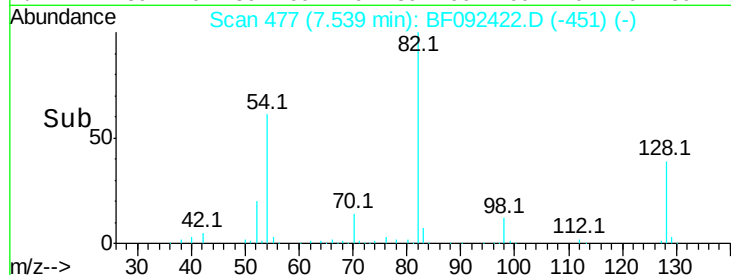
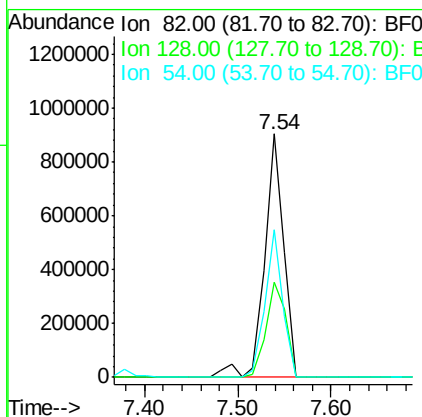
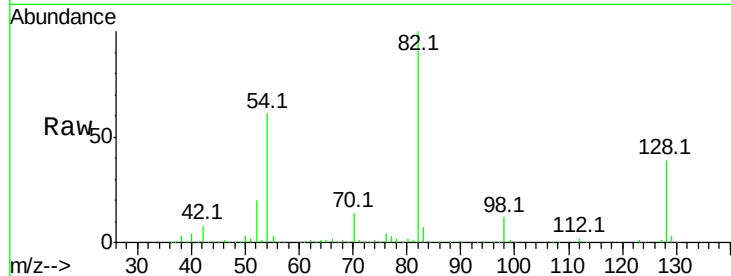
#23
 Nitrobenzene-d5
 Concen: 99.26 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1284763
 Ion Ratio Lower Upper
 82 100
 128 39.1 34.6 52.0
 54 60.6 39.5 59.3#

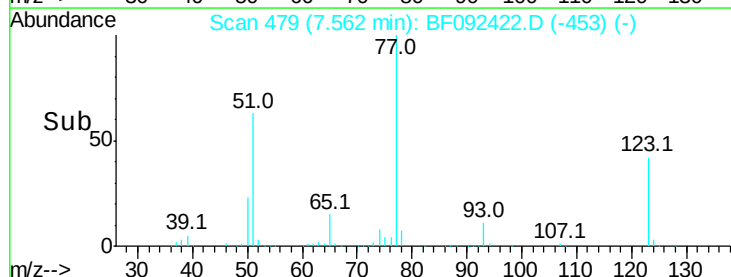
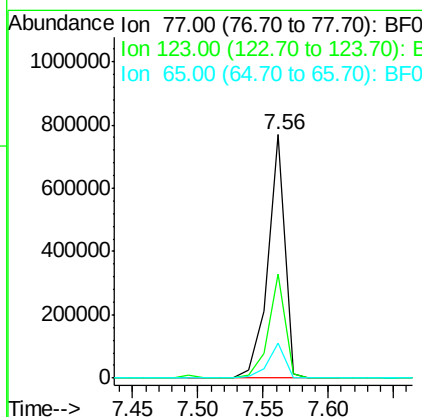
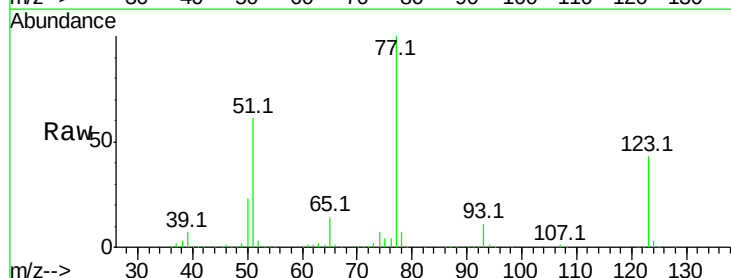
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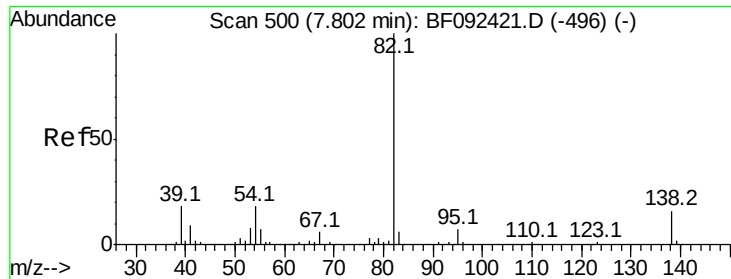
mohammad
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#24
 Nitrobenzene
 Concen: 50.90 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion: 77 Resp: 701733
 Ion Ratio Lower Upper
 77 100
 123 42.6 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 51.81 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1237317

Ion Ratio Lower Upper

82 100

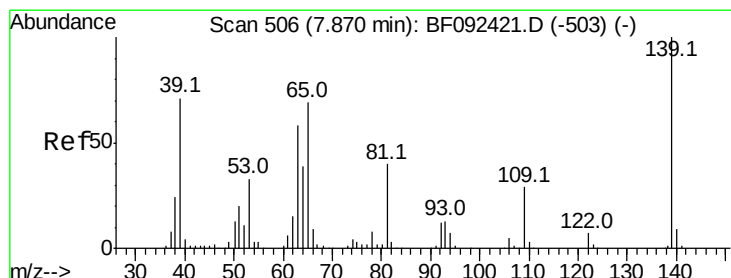
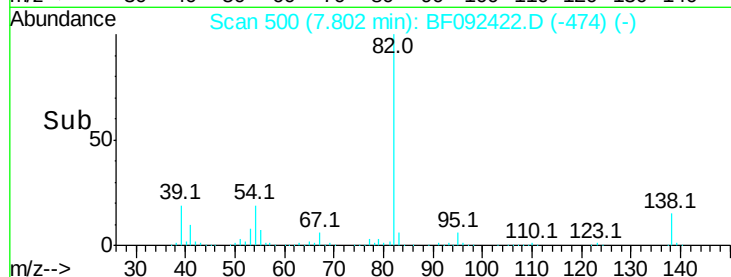
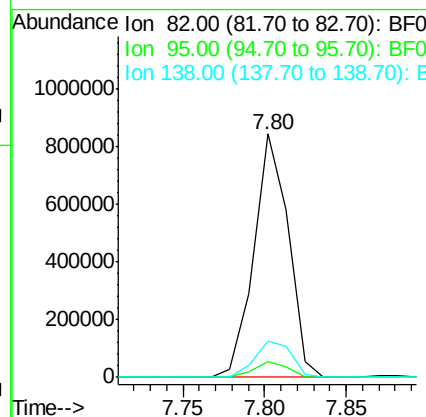
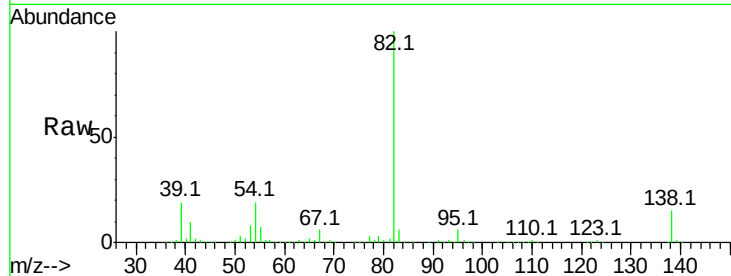
95 6.4 5.6 8.4

138 15.0 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.66 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

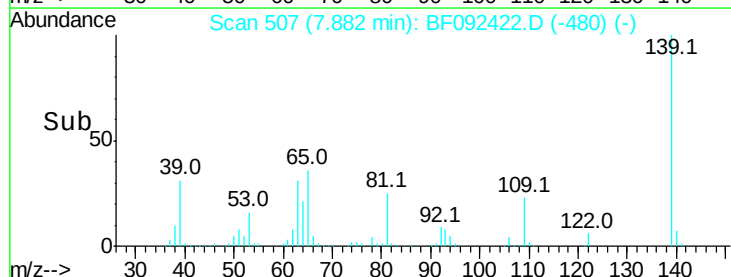
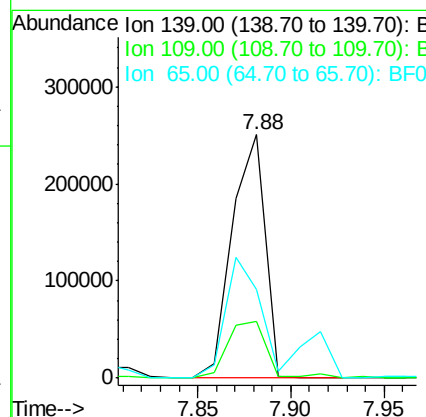
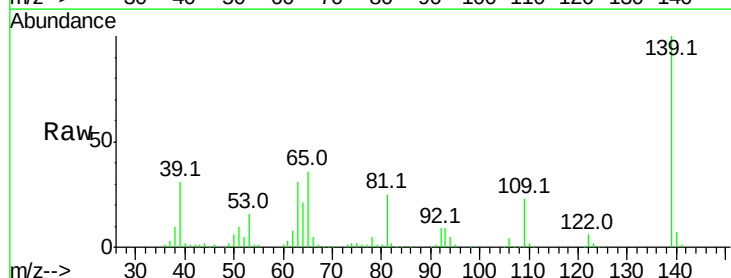
Tgt Ion: 139 Resp: 310426

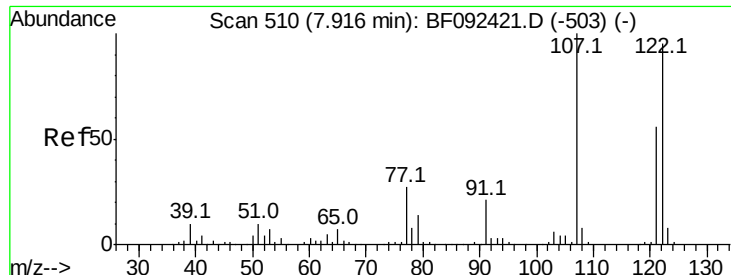
Ion Ratio Lower Upper

139 100

109 23.1 23.3 34.9#

65 36.3 42.7 64.1#





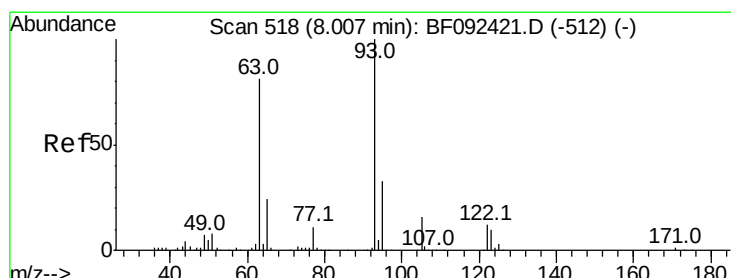
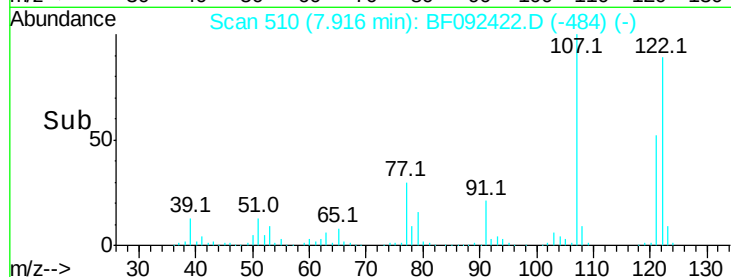
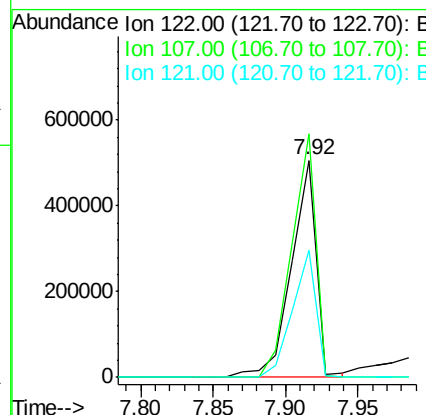
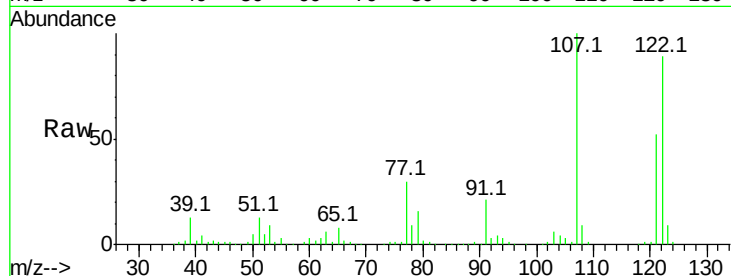
#27
2,4-Dimethylphenol
Concen: 53.49 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	603094		
107	112.0		94.1	141.1
121	58.3		46.0	69.0

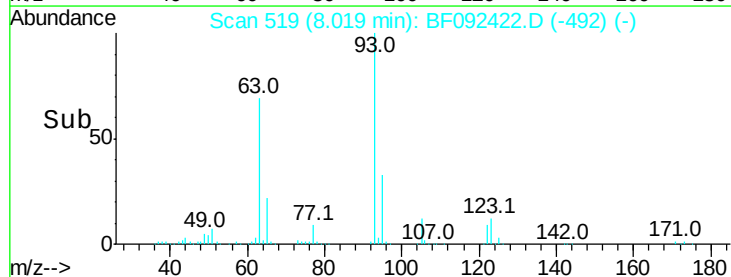
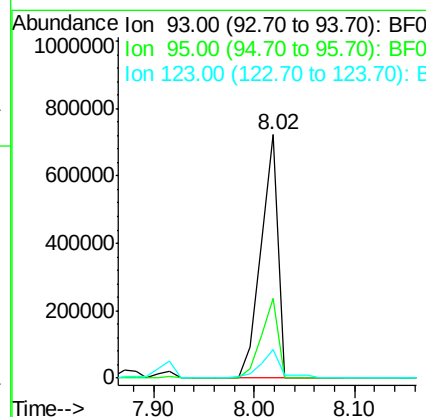
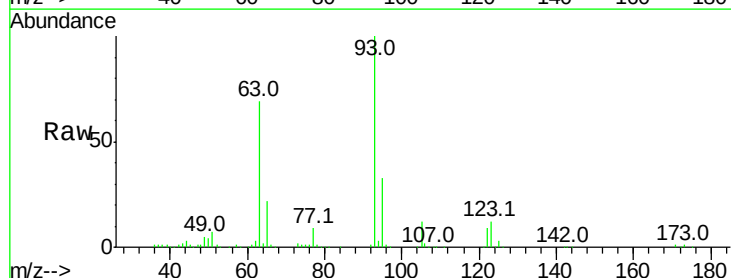
Manual Integrations
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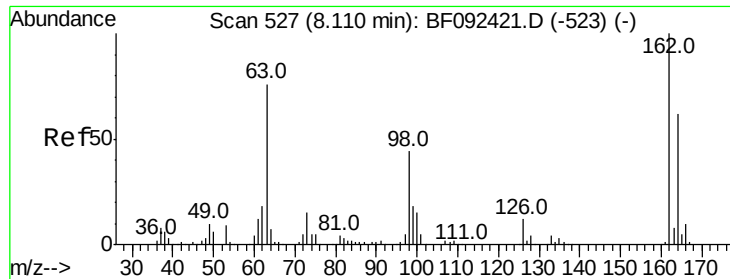
mohammad
1/25/2017 3:49:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 57.96 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	839319		
95	32.6		26.5	39.7
123	11.7		8.6	13.0





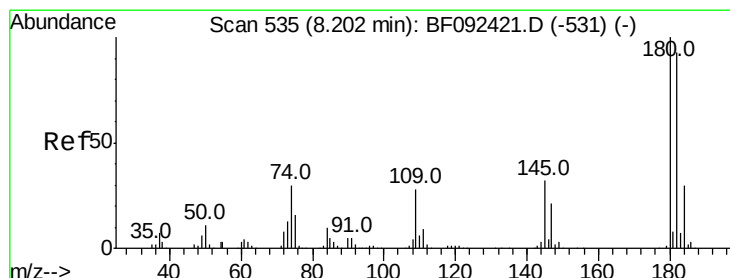
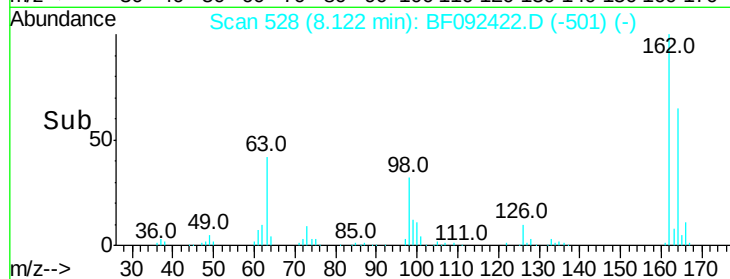
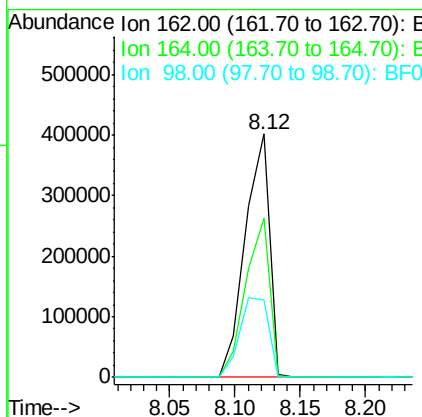
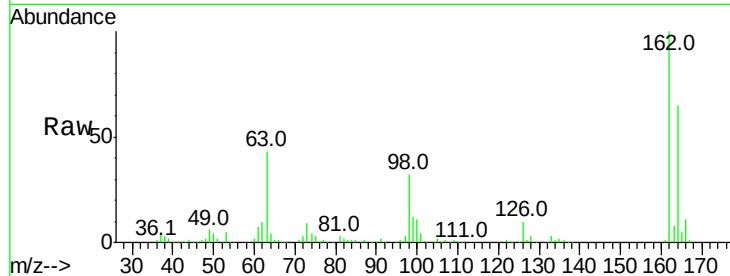
#29
 2,4-Dichlorophenol
 Concen: 54.64 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	46.8	86.8
98	31.6	9.1	49.1

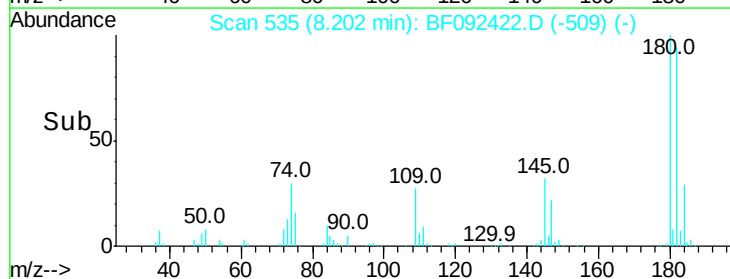
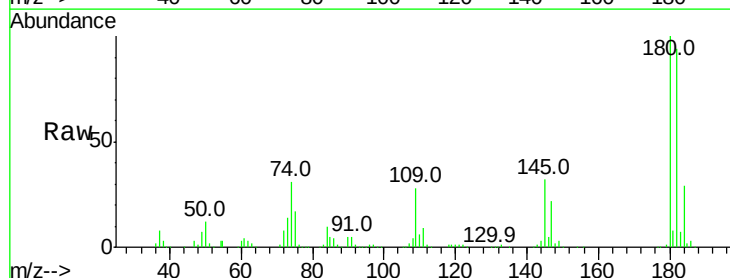
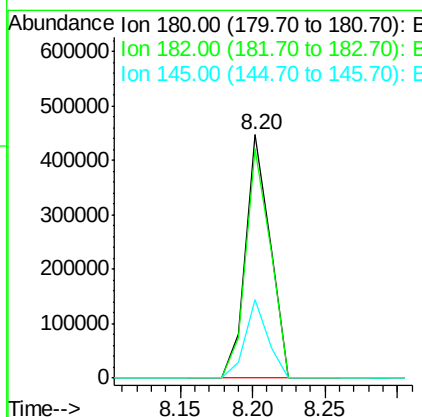
Manual Integrations
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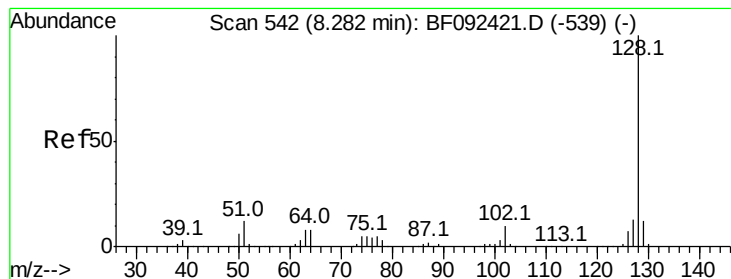
mohammad
 1/25/2017 3:49:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.03 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

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





#31

Naphthalene

Concen: 53.33 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1756770

Ion Ratio Lower Upper

128 100

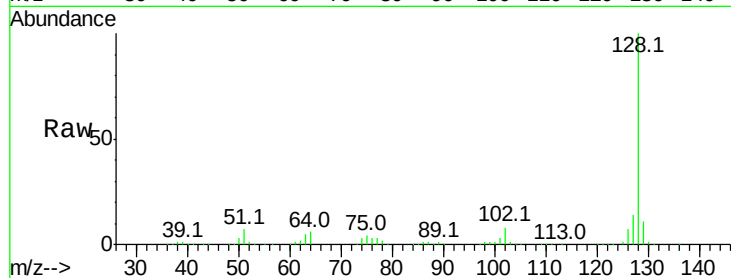
129 10.7 9.5 14.3

127 13.6 10.8 16.2

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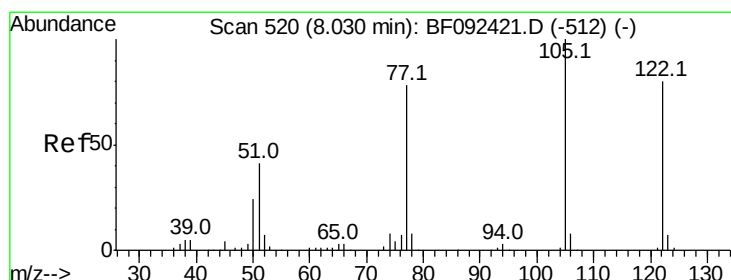
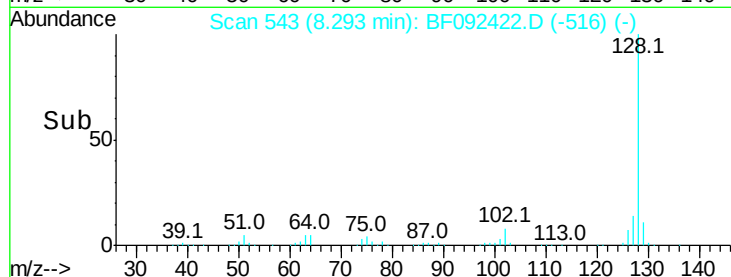
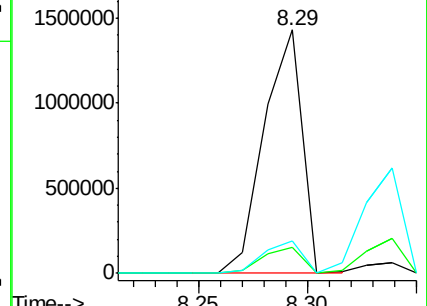
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.44 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

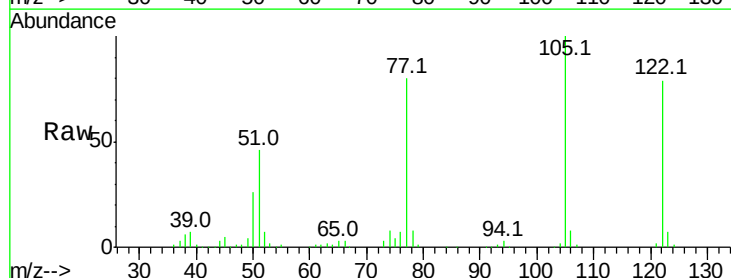
Tgt Ion:122 Resp: 463649

Ion Ratio Lower Upper

122 100

105 125.9 107.2 147.2

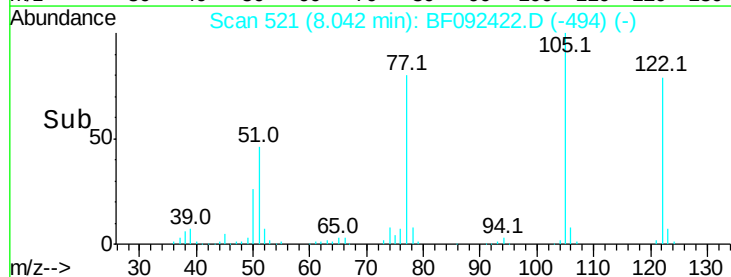
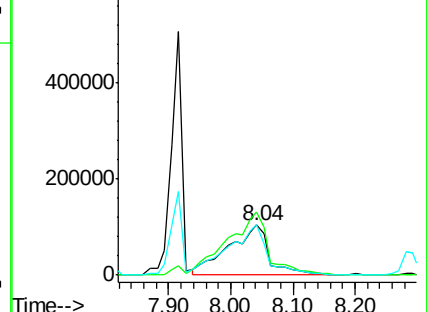
77 100.3 74.5 114.5

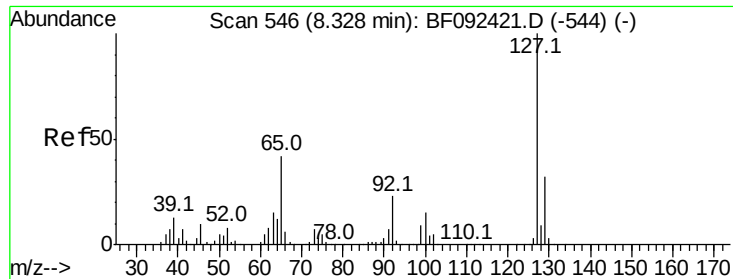


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





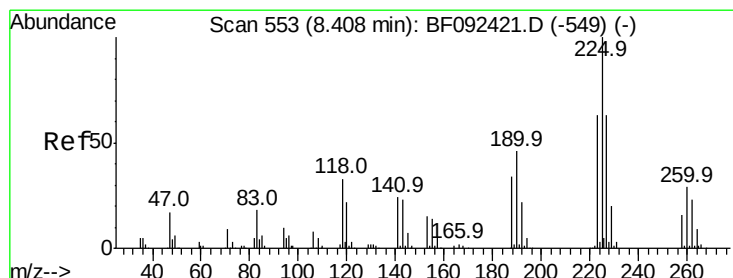
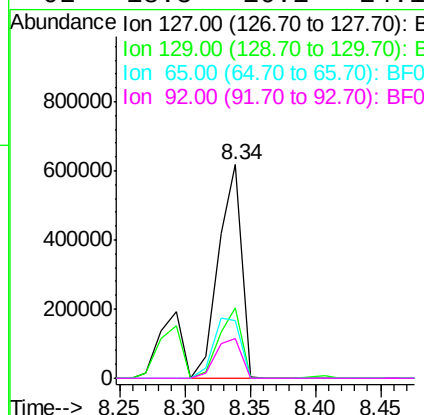
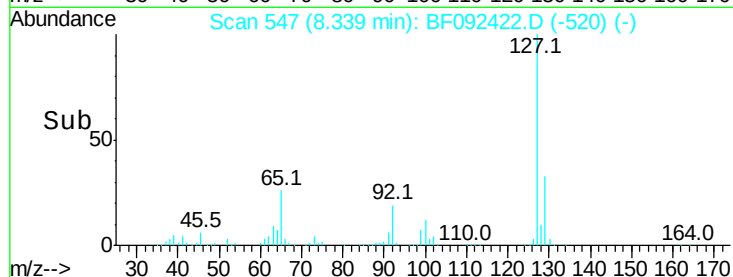
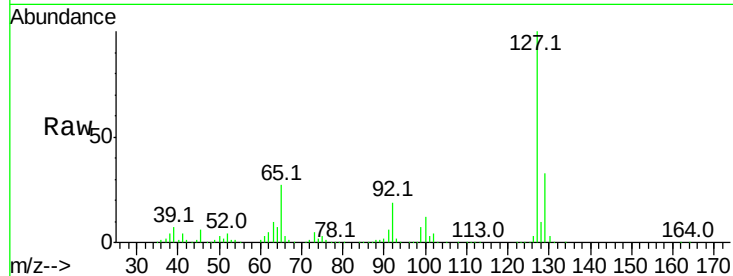
#33
4-Chloroaniline
Concen: 51.03 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	26.3	39.5
65	26.8	25.8	38.8
92	18.5	16.1	24.1

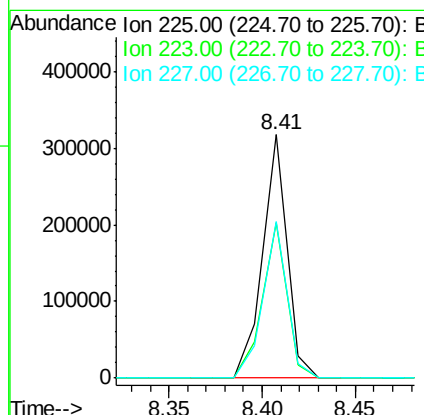
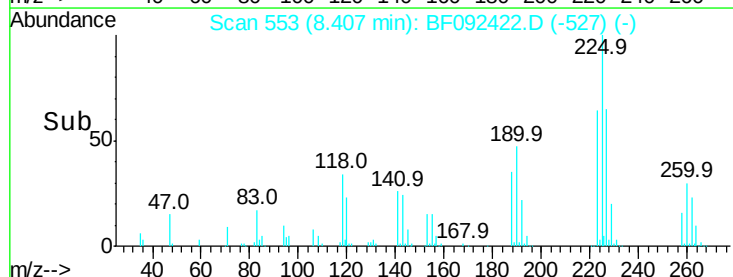
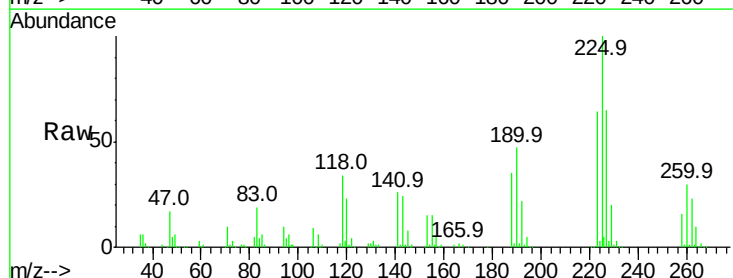
Manual Integrations
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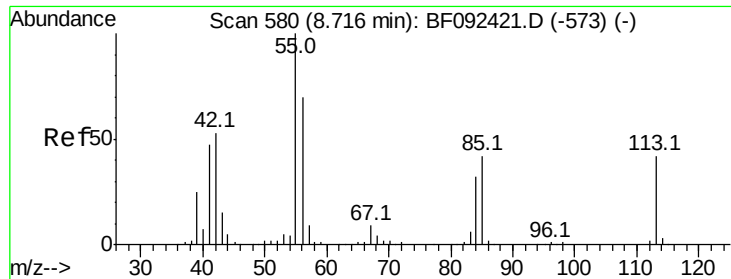
mohammad
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#34
Hexachlorobutadiene
Concen: 52.02 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.0	51.0	76.6
227	64.5	50.6	76.0





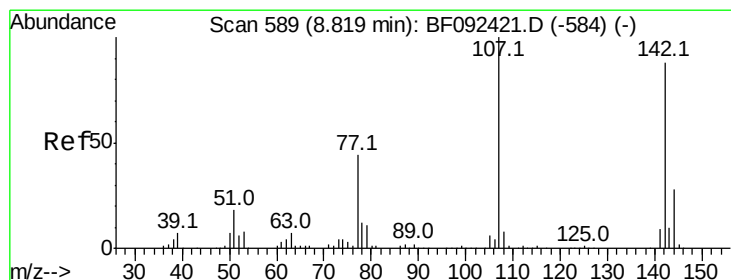
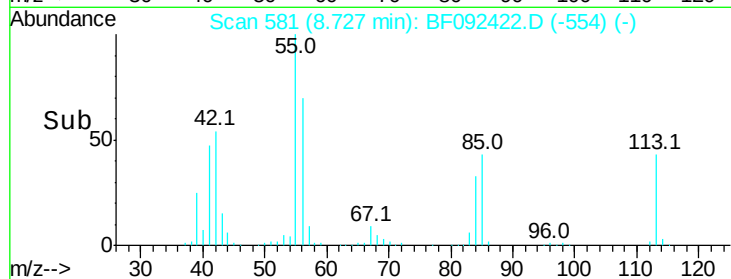
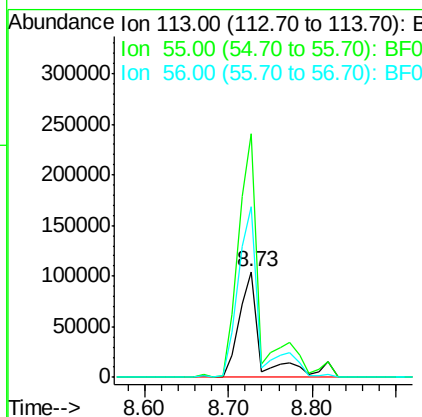
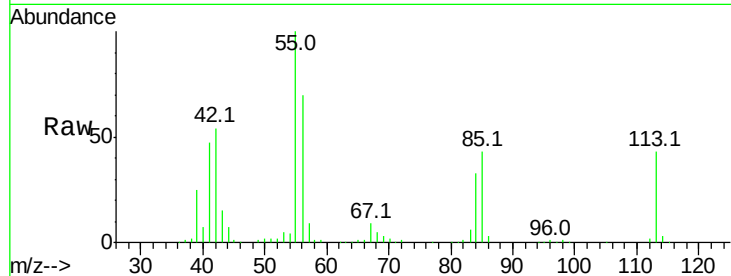
#35
 Caprolactam
 Concen: 60.99 ng/ml
 RT: 8.73 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:113 Resp: 191376
 Ion Ratio Lower Upper
 113 100
 55 230.8 119.2 159.2#
 56 161.9 83.8 123.8#

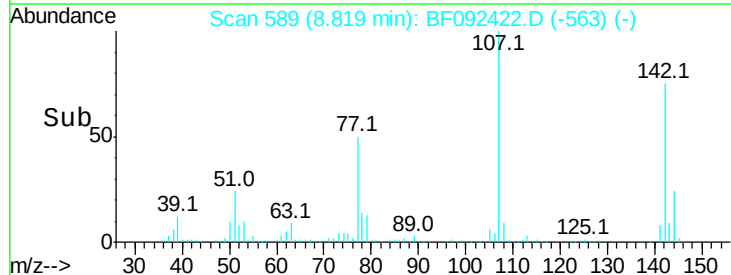
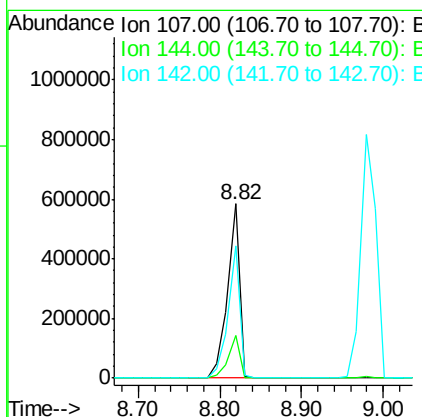
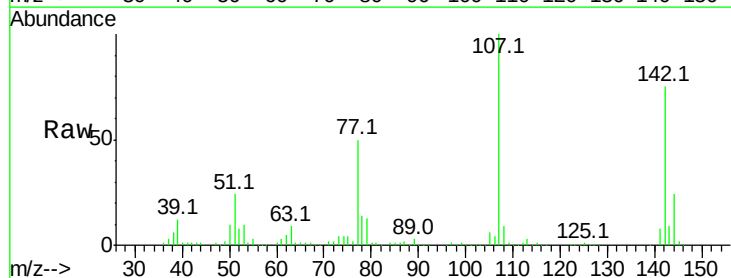
Manual Integrations
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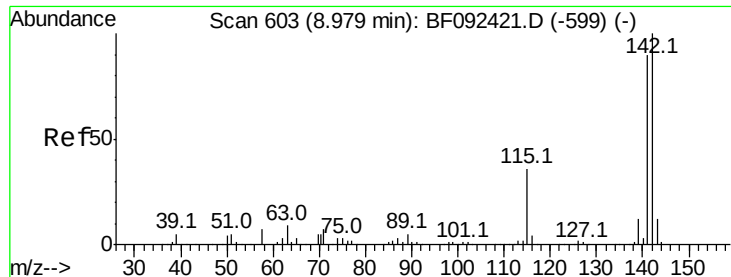
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 54.33 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion:107 Resp: 596915
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 75.5 59.0 88.6





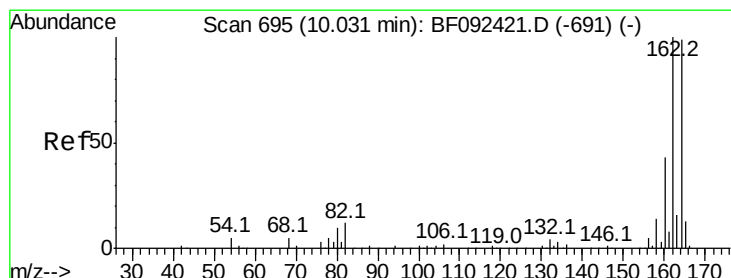
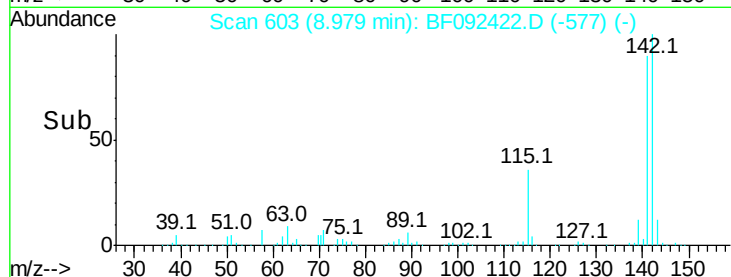
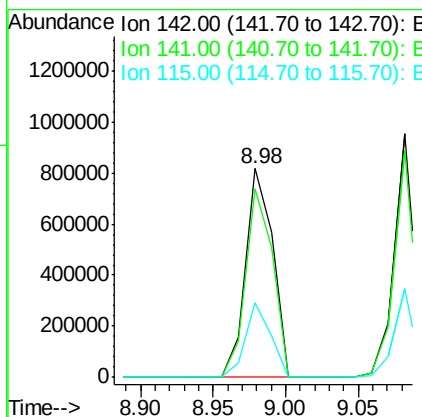
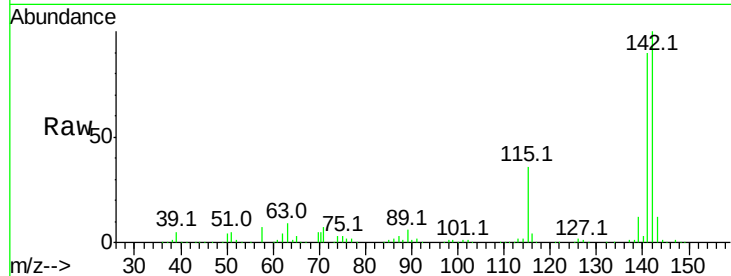
#37
2-Methylnaphthalene
Concen: 46.98 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:142 Resp: 1061157
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 35.6 28.3 42.5

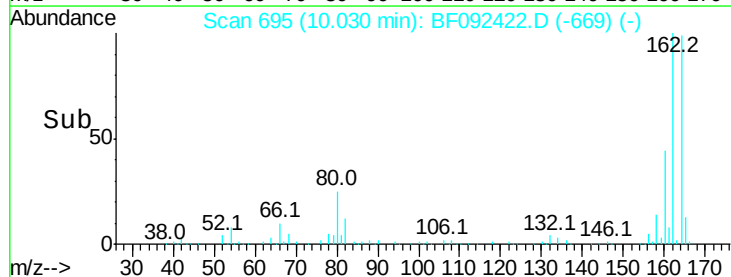
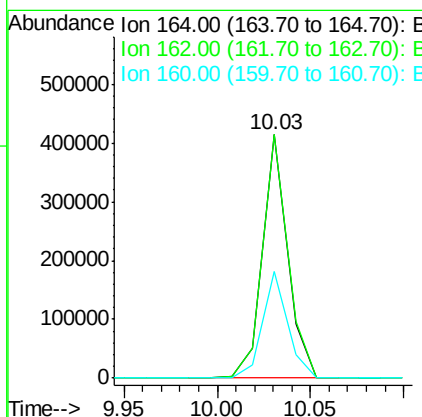
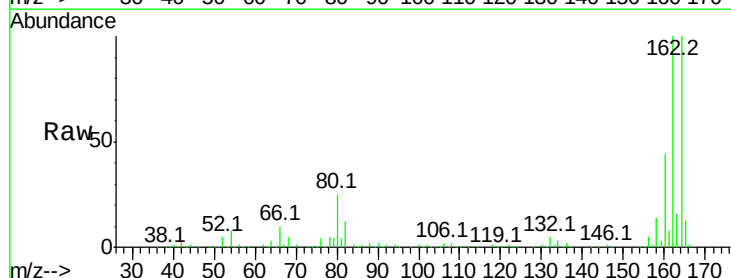
Manual Integrations
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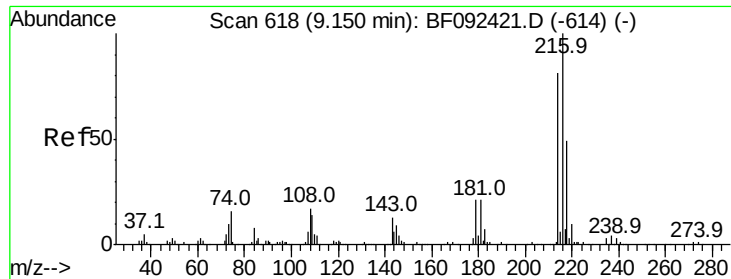
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion:164 Resp: 384551
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 43.7 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.13 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

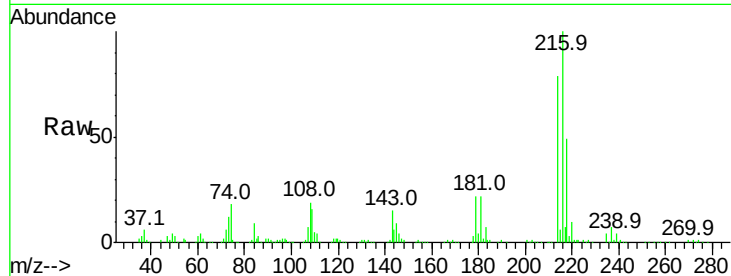
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
216	100	467660		
214	79.1	63.4	95.0	
179	22.0	17.4	26.2	
108	21.5	15.6	23.4	

Manual Integrations
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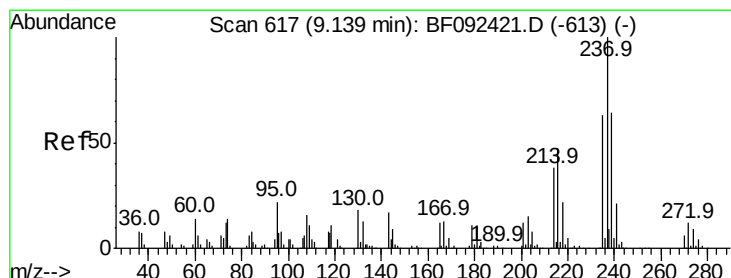
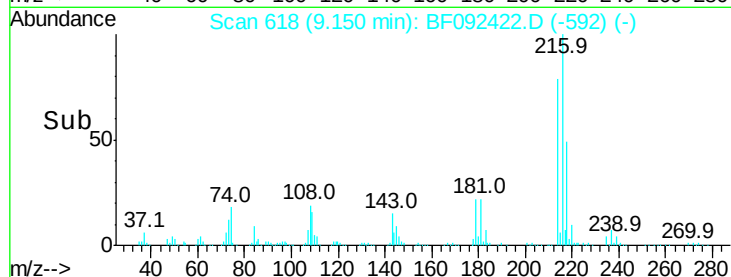
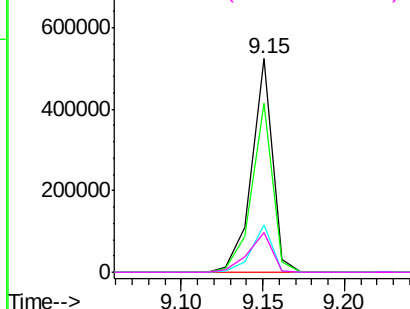


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.45 ng

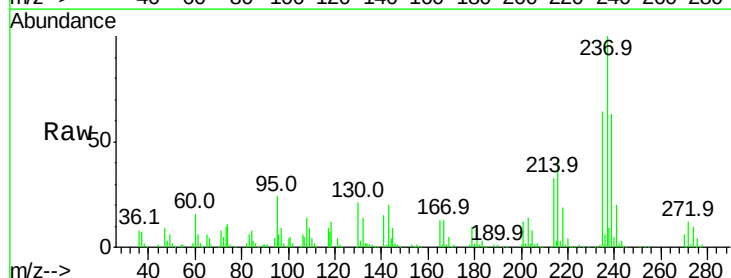
RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

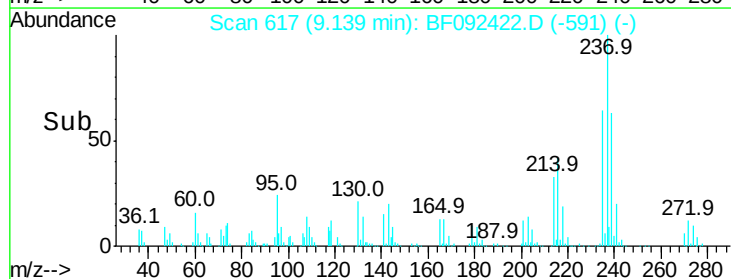
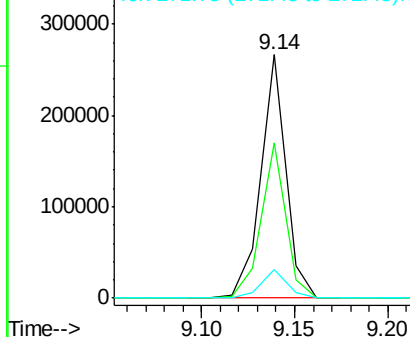
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	246237		
235	63.6	41.2	81.2	
272	11.9	0.0	35.4	

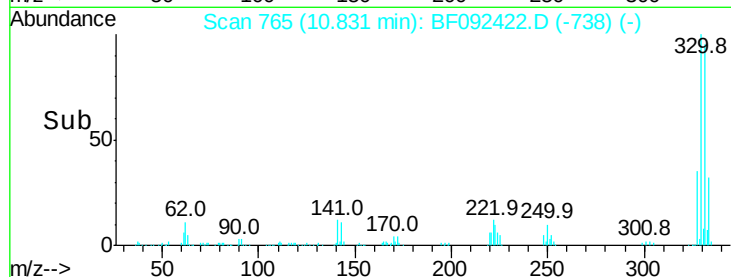
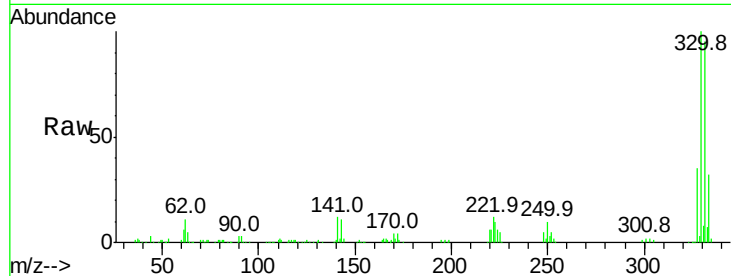
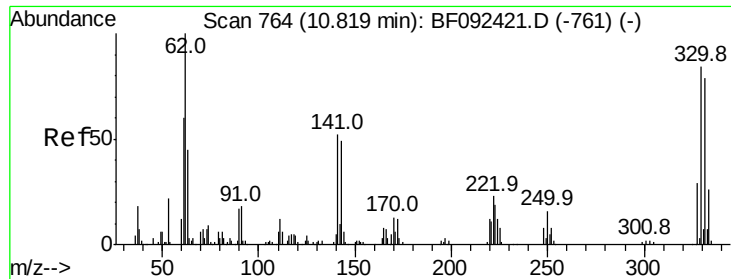


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.44 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Tot Ion:	330	Resp:	275099
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.4	116.2
141	35.5	34.1	51.1

Instrument :

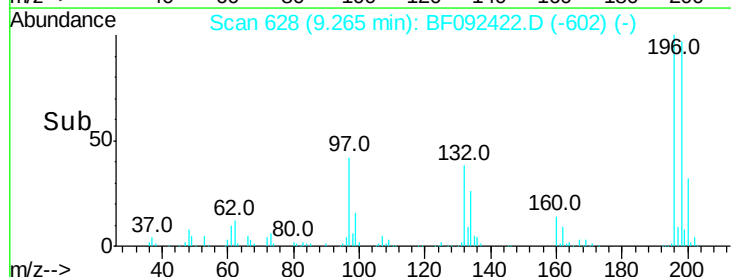
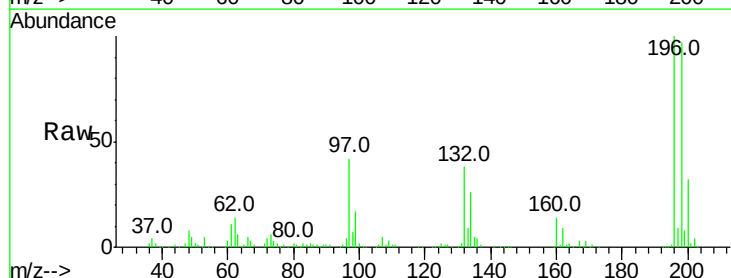
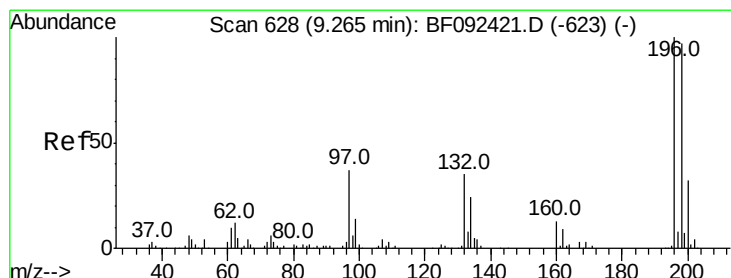
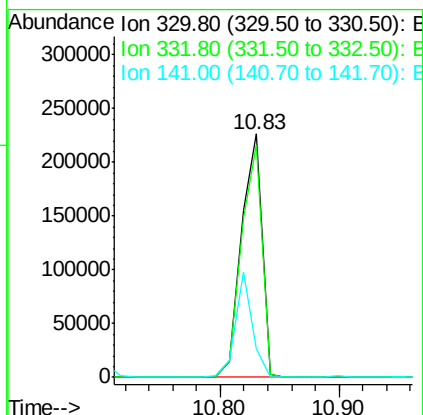
BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 54.83 ng

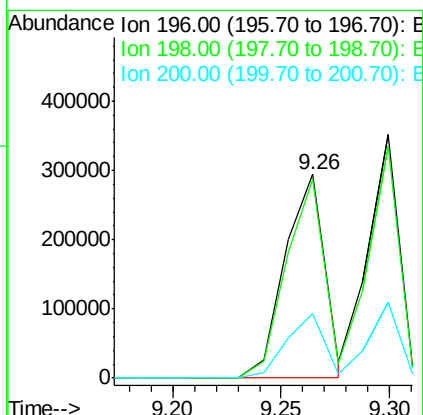
RT: 9.26 min Scan# 628

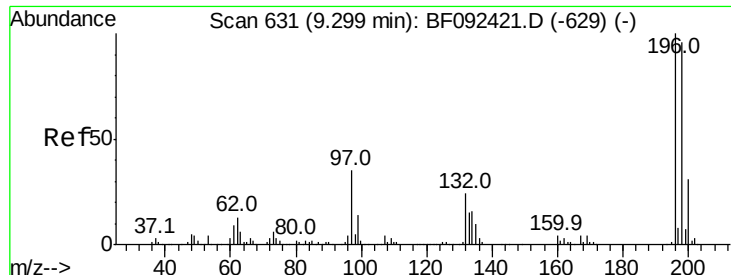
Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Tgt Ion:	196	Resp:	372562
Ion Ratio	Lower	Upper	
196	100		
198	97.3	82.1	123.1
200	31.6	27.0	40.4





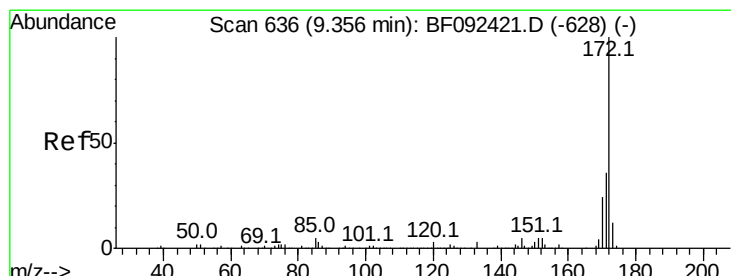
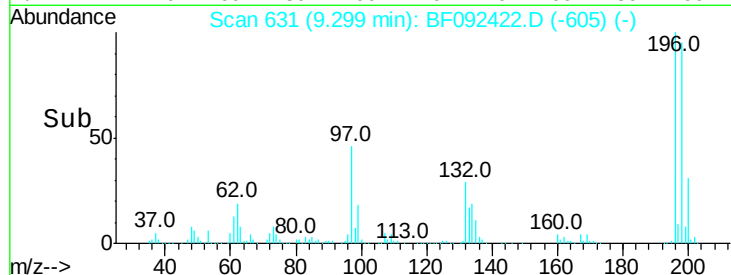
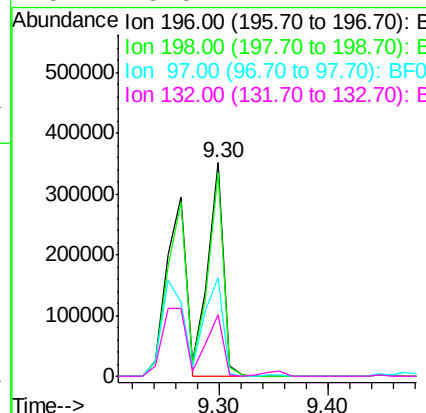
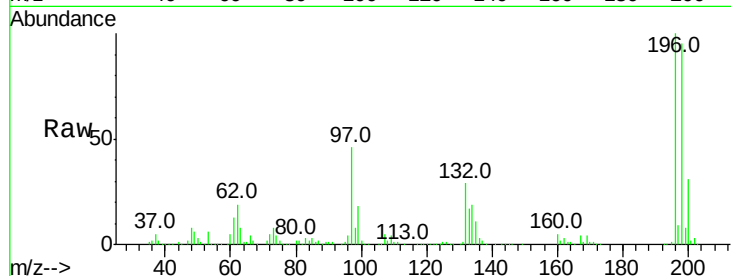
#43
 2,4,5-Trichlorophenol
 Concen: 50.21 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	196	Resp	351092
Ion Ratio	Lower	Upper	
196	100		
198	95.4	79.4	119.2
97	46.3	51.5	77.3#
132	28.5	27.4	41.2

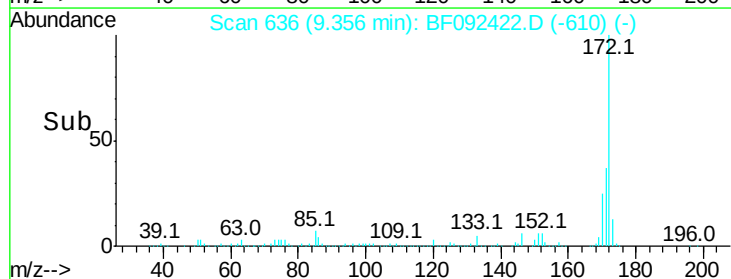
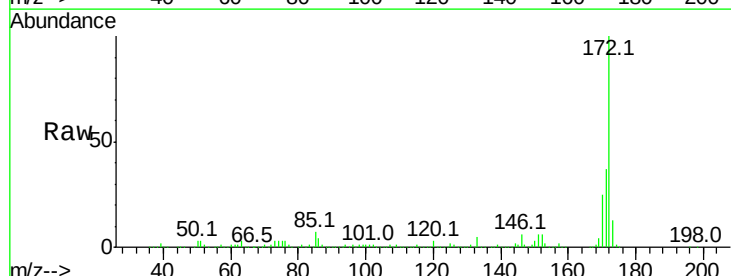
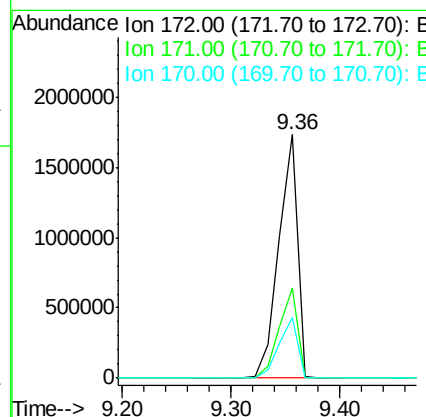
Manual Integrations
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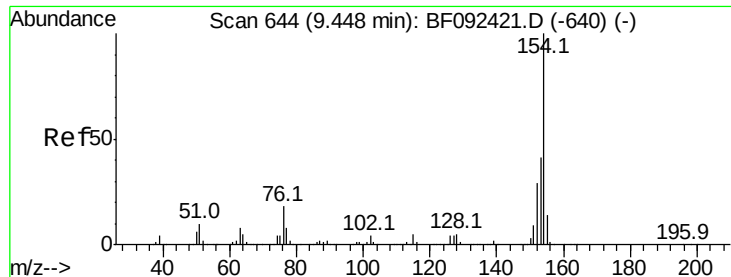
mohammad
 1/25/2017 3:49:28 PM



#44
 2-Fluorobiphenyl
 Concen: 103.13 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	172	Resp	2065878
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.8	20.2	30.4





#45

1,1'-Biphenyl

Concen: 49.66 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1307611

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

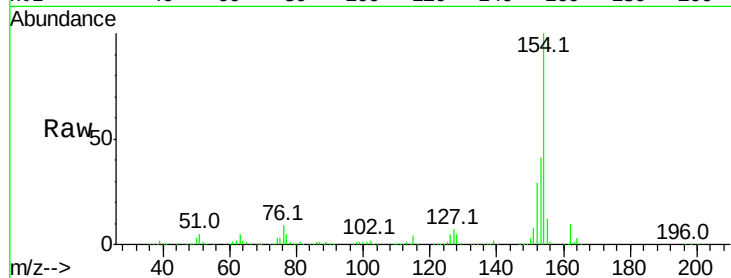
76 9.4 0.0 30.5

Manual Integrations

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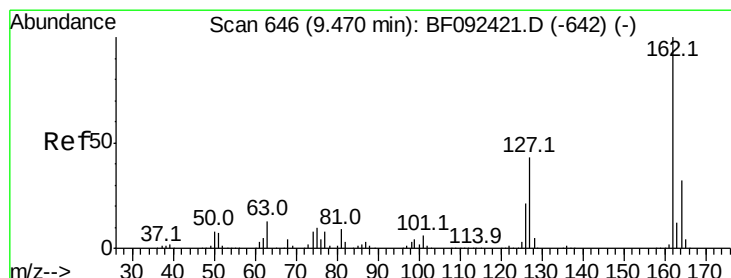
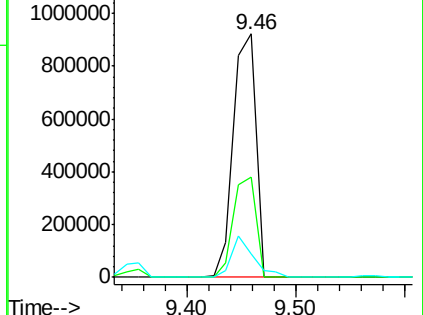
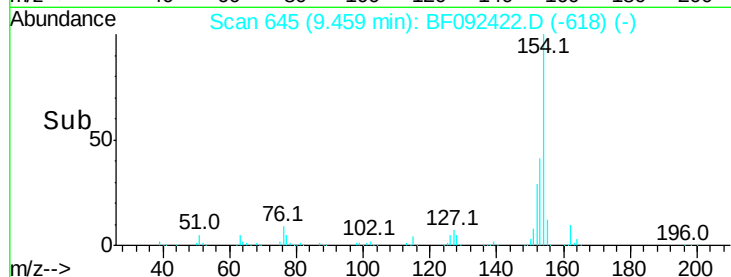
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 53.06 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

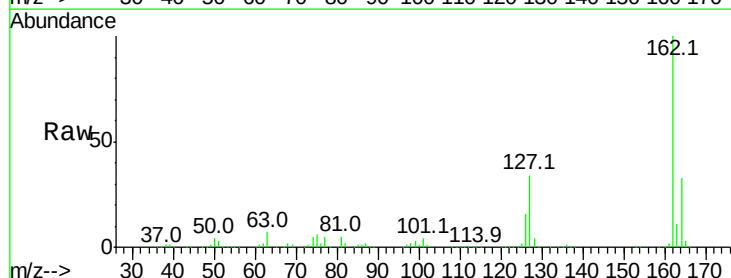
Tgt Ion:162 Resp: 1106482

Ion Ratio Lower Upper

162 100

127 34.5 30.7 46.1

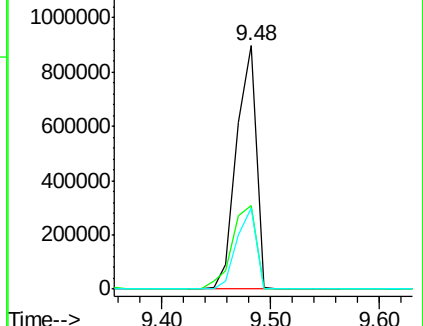
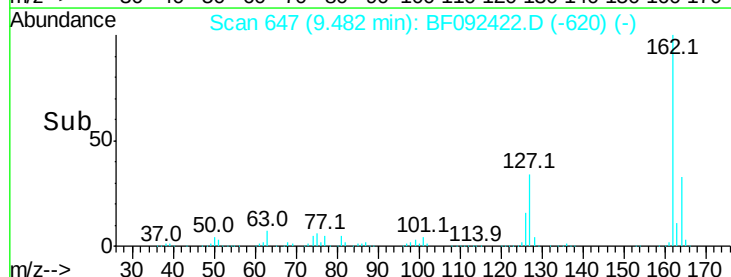
164 33.5 27.6 41.4

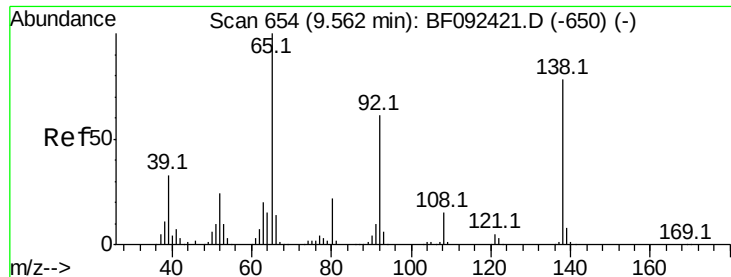


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





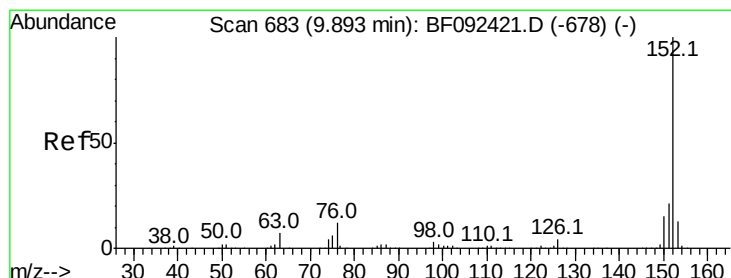
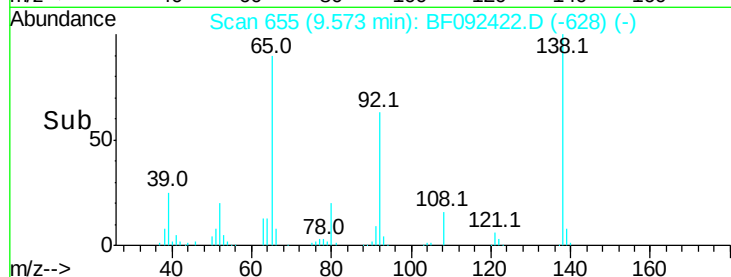
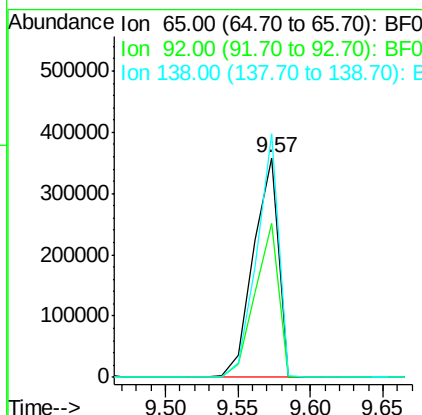
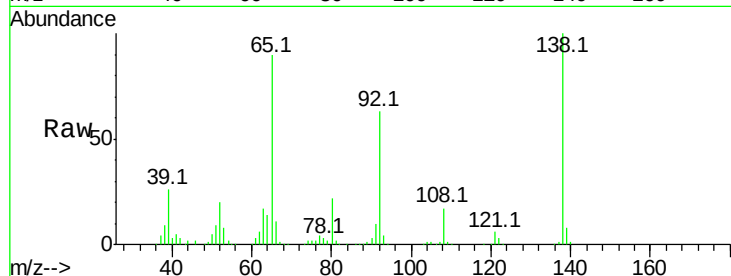
#47
2-Nitroaniline
Concen: 57.43 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	53.9	80.9
138	110.8	76.8	115.2

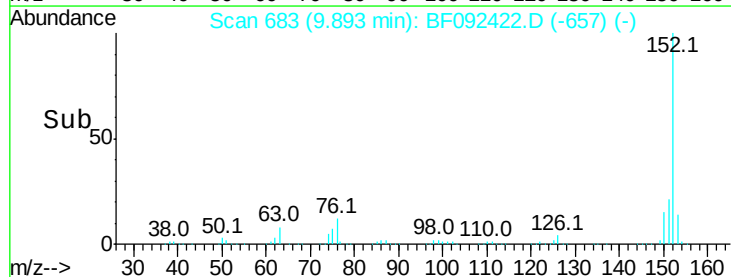
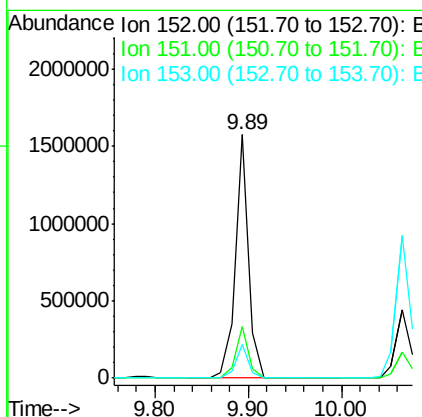
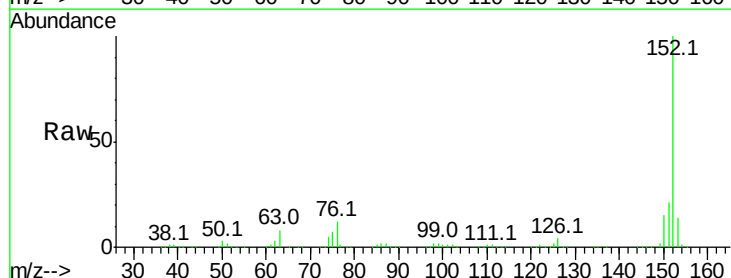
Manual Integrations
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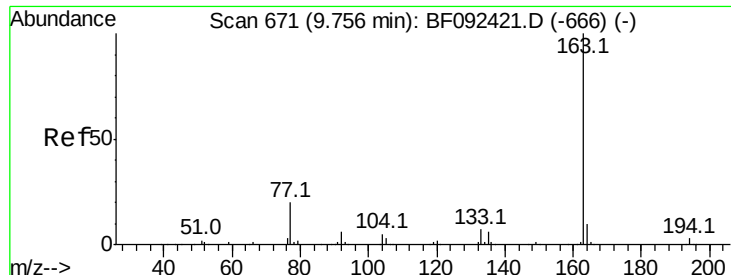
mohammad
1/25/2017 3:49:28 PM



#48
Acenaphthylene
Concen: 48.35 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.6	11.4	17.2





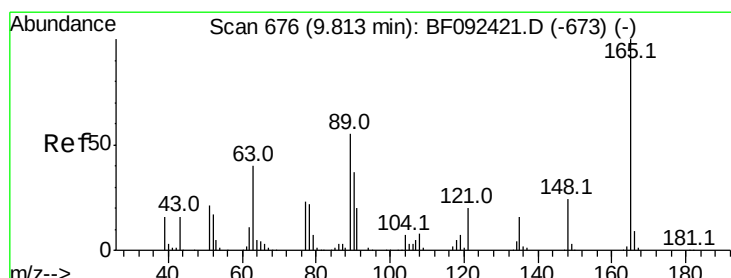
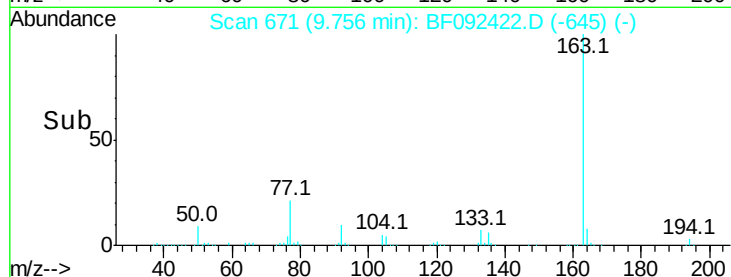
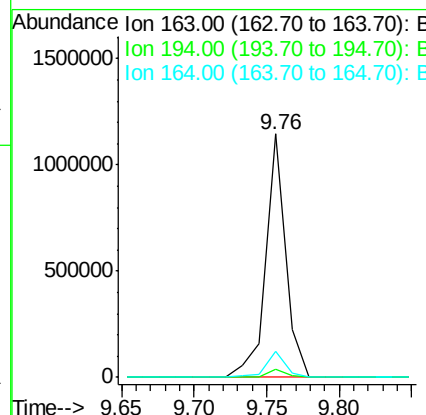
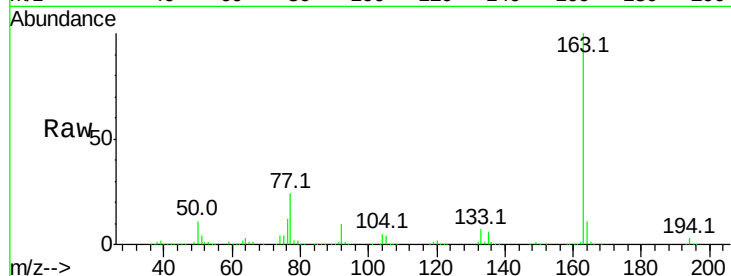
#49
Dimethylphthalate
Concen: 44.33 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.7	8.0	12.0

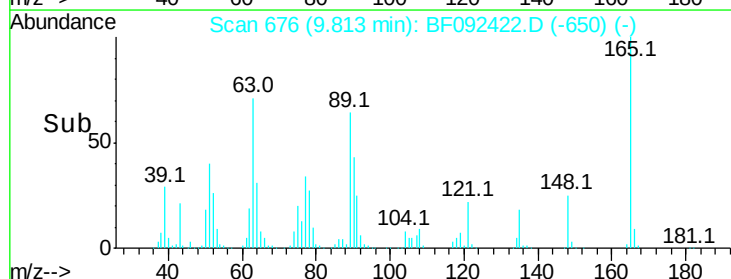
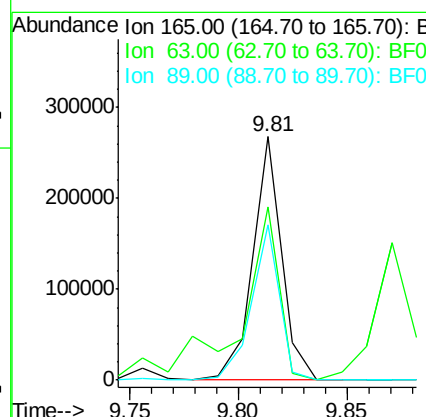
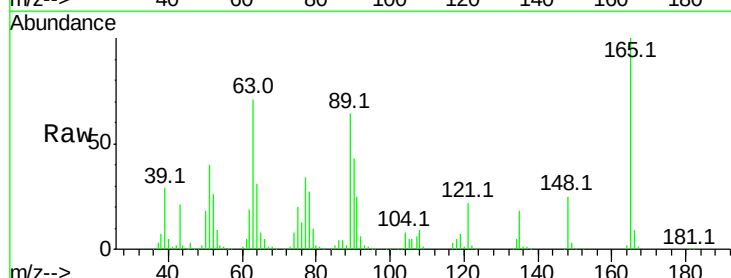
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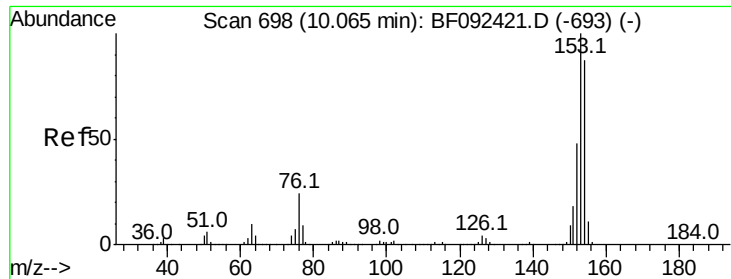
mohammad
1/25/2017 3:49:28 PM



#50
2,6-Dinitrotoluene
Concen: 45.79 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.1	36.2	54.4#
89	63.7	40.2	60.4#





#51

Acenaphthene

Concen: 43.16 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

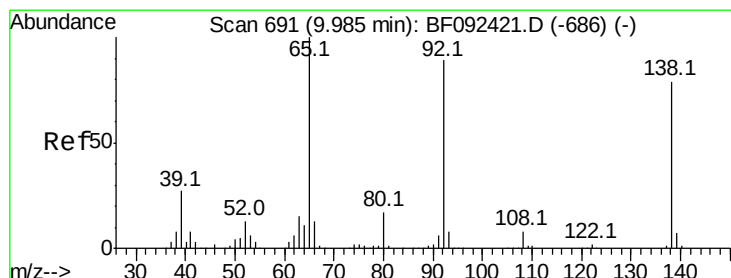
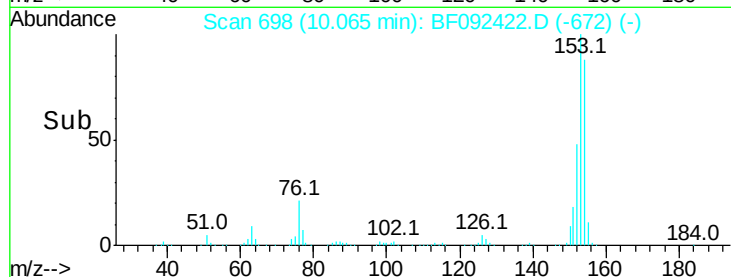
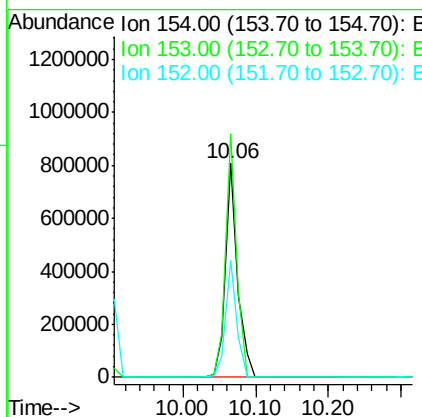
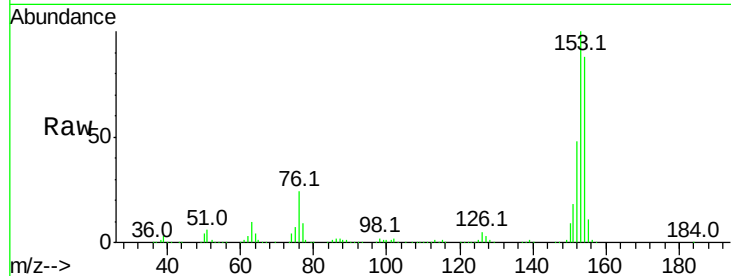
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	88.6	133.0
152	54.8	41.6	62.4

Manual Integrations
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1/25/2017 3:49:28 PM



#52

3-Nitroaniline

Concen: 48.08 ng

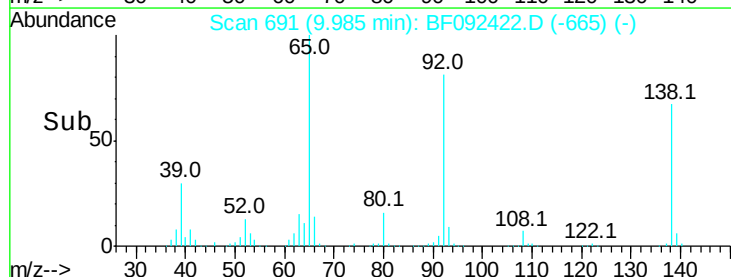
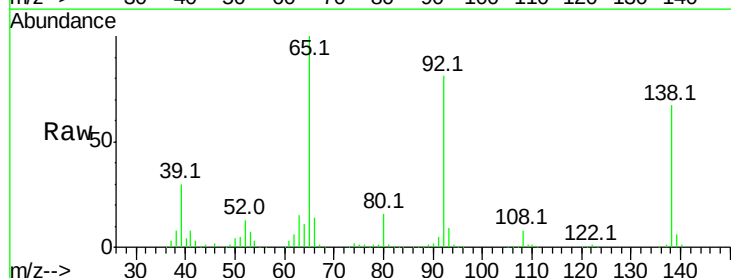
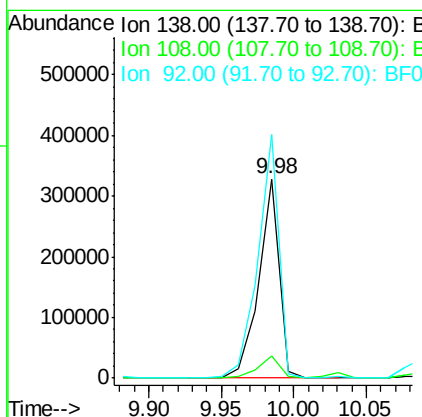
RT: 9.98 min Scan# 691

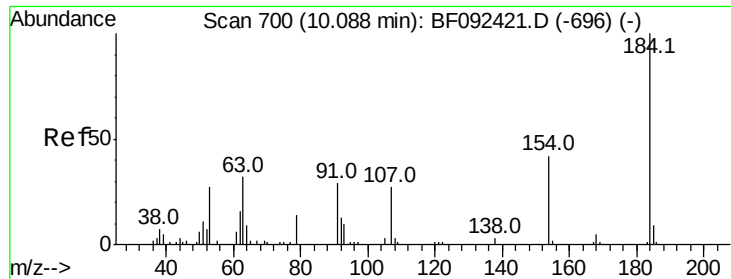
Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.5	12.7
92	122.2	97.8	146.8





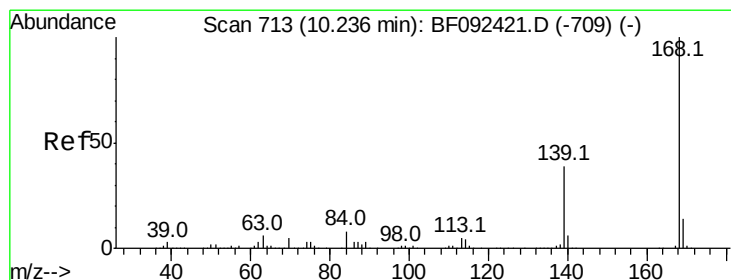
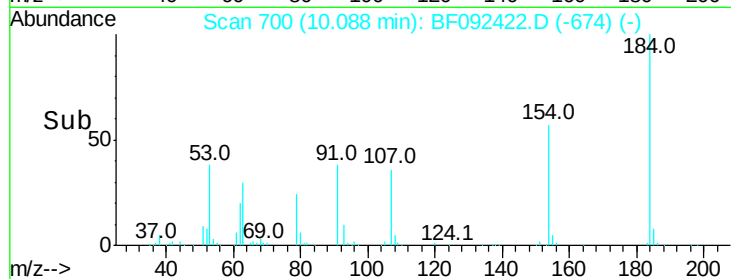
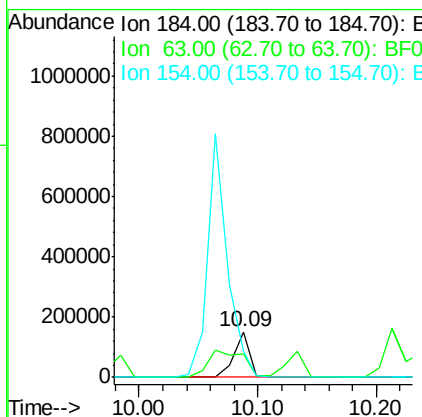
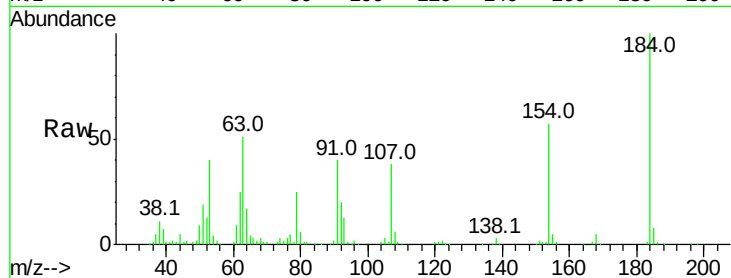
#53
 2,4-Dinitrophenol
 Concen: 45.95 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.3	28.4	42.6#
154	57.3	44.3	66.5

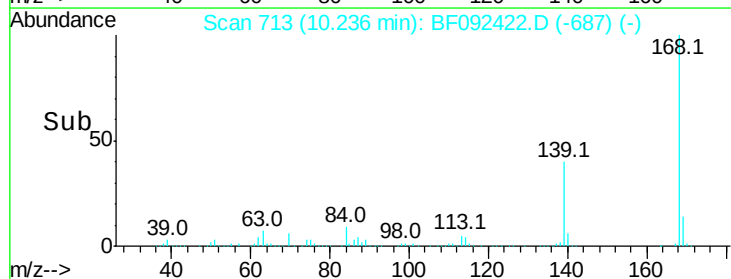
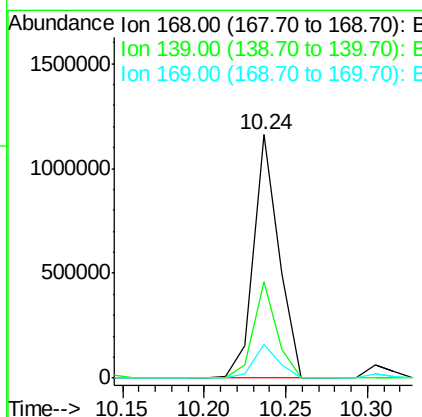
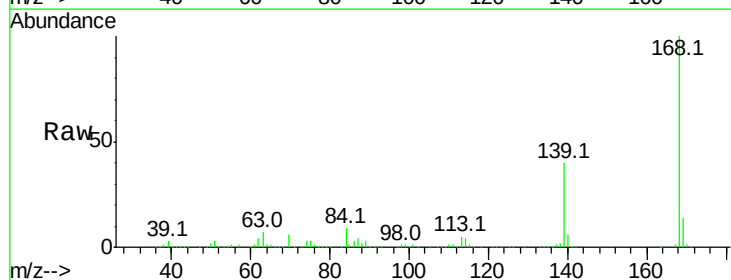
Manual Integrations
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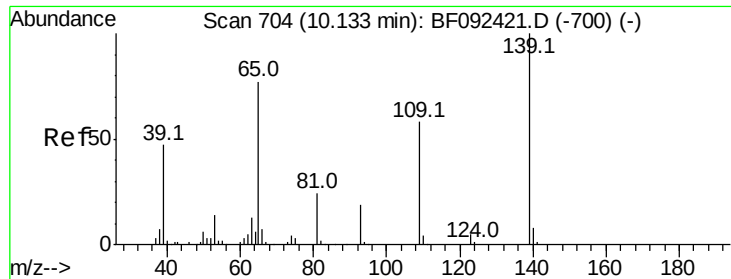
mohammad
 1/25/2017 3:49:28 PM



#54
 Dibenzofuran
 Concen: 42.64 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	49.0
169	14.1	11.3	16.9





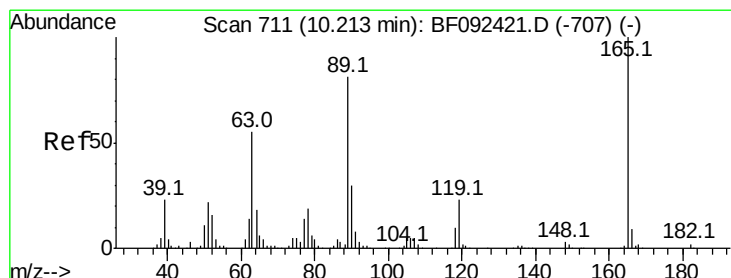
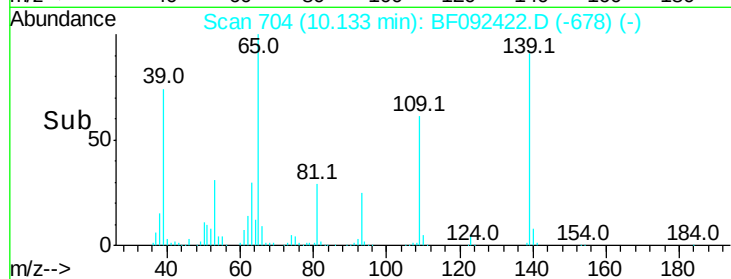
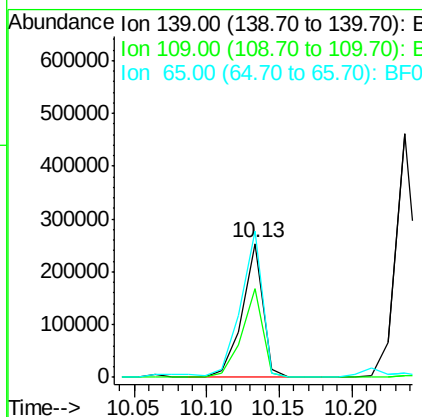
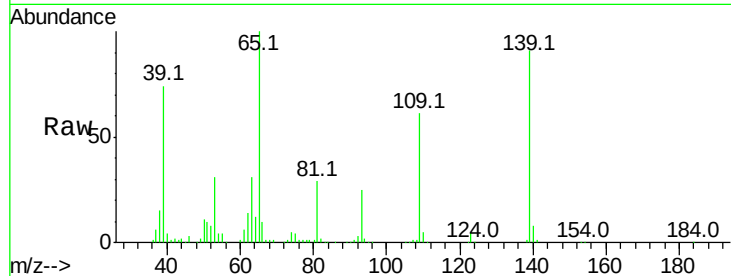
#55
4-Nitrophenol
Concen: 55.74 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100	252117		
109	66.8	52.2	92.2	
65	109.8	85.8	125.8	

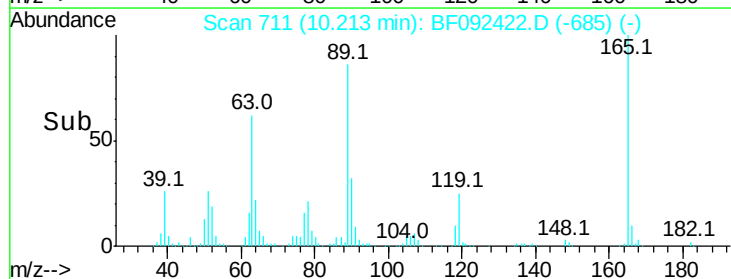
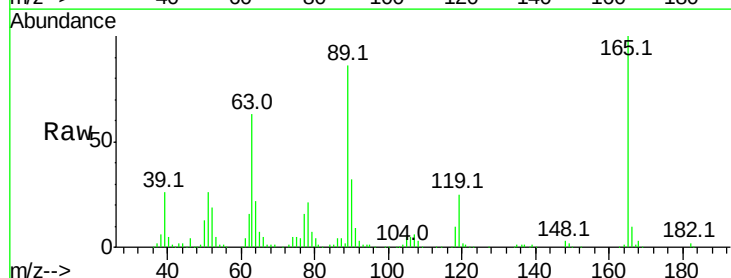
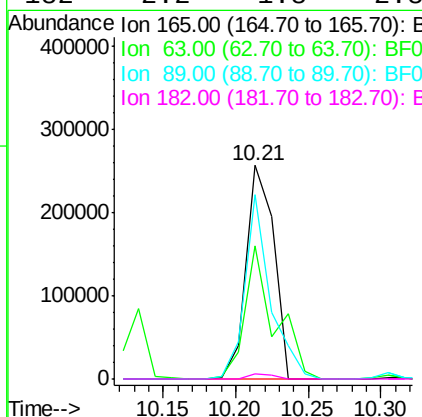
Manual Integrations
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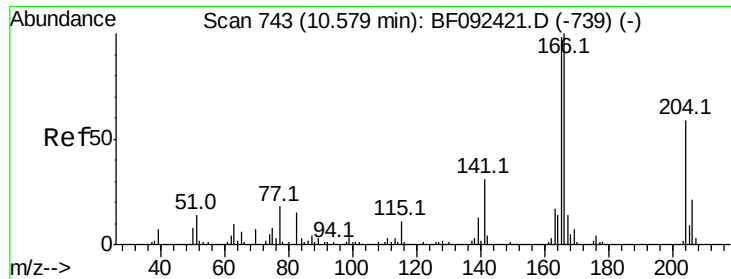
mohammad
1/25/2017 3:49:28 PM



#56
2,4-Dinitrotoluene
Concen: 50.32 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	340018		
63	62.5	40.2	60.4	
89	86.4	62.5	93.7	
182	2.2	1.8	2.8	





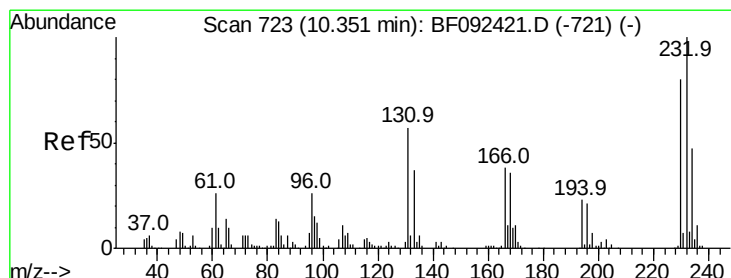
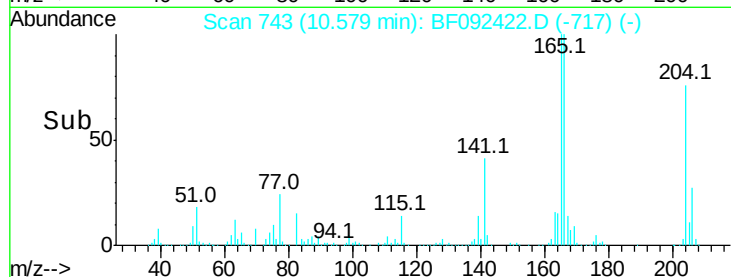
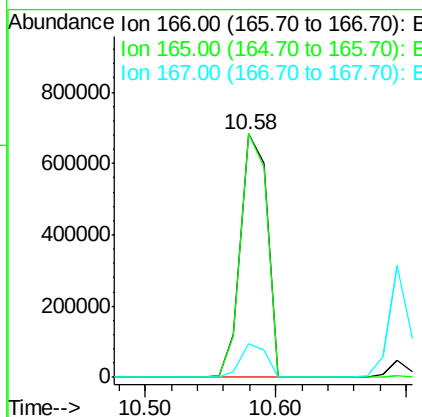
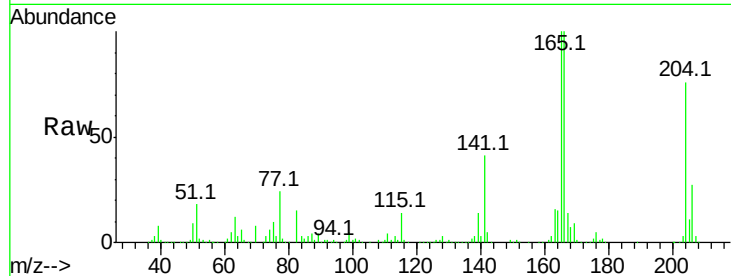
#57
Fluorene
 Concen: 45.41 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
166	100	969997		
165	99.8	77.8	116.8	
167	13.7	10.8	16.2	

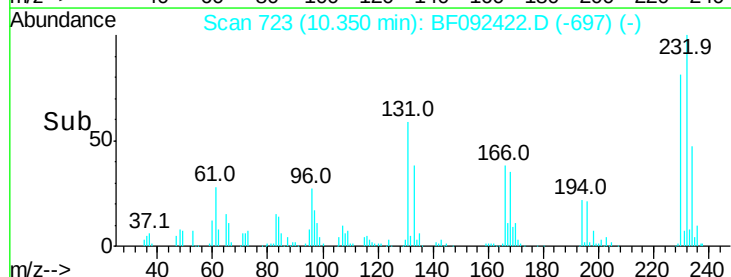
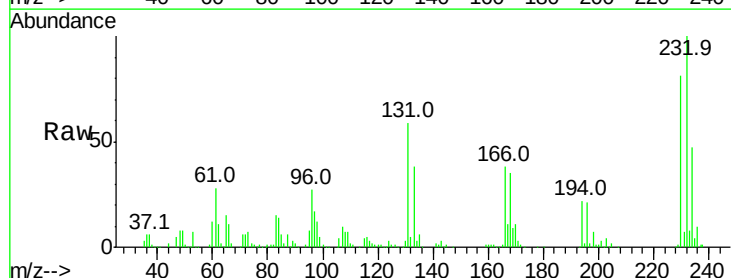
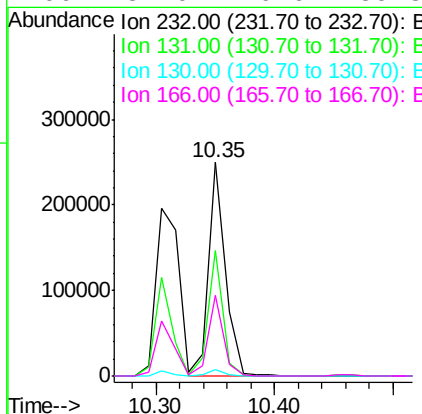
Manual Integrations
APPROVED

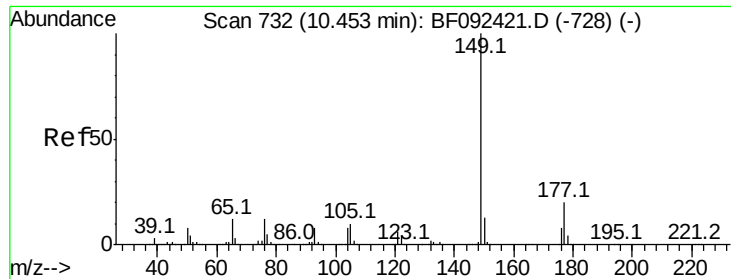
mohammad
 1/25/2017 3:49:28 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.30 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	245019		
131	52.2	40.1	60.1	
130	2.5	1.8	2.8	
166	34.0	26.6	39.8	





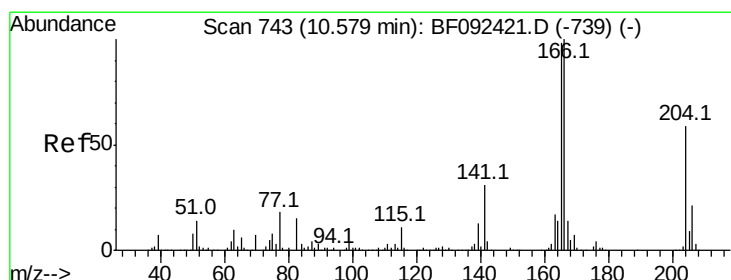
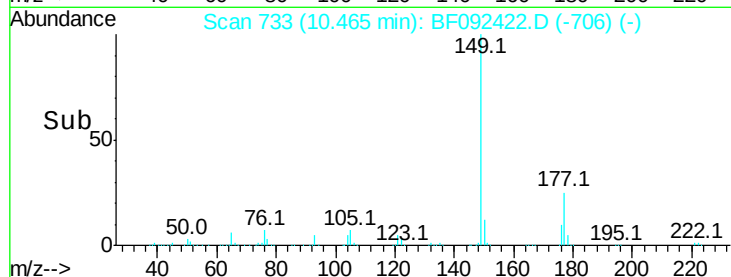
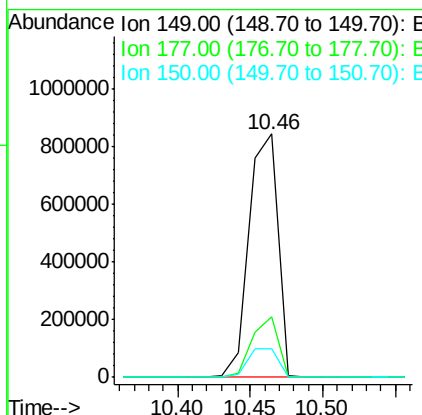
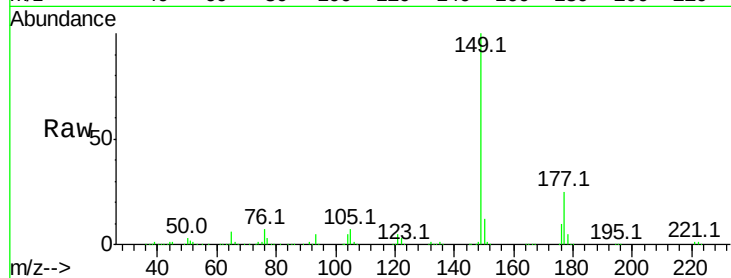
#59
Diethylphthalate
Concen: 48.96 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:149 Resp: 1169377
Ion Ratio Lower Upper
149 100
177 25.0 16.6 25.0#
150 11.8 10.4 15.6

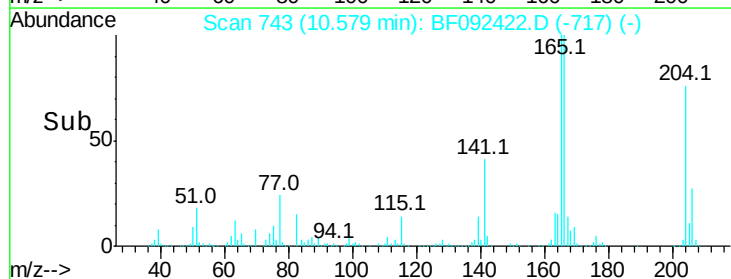
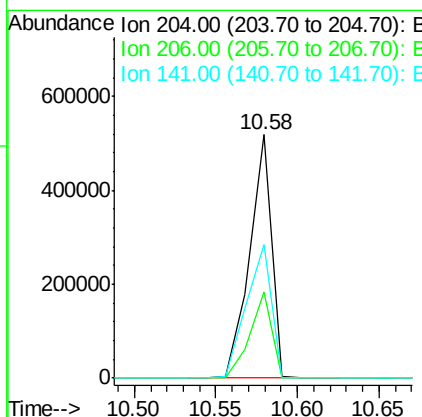
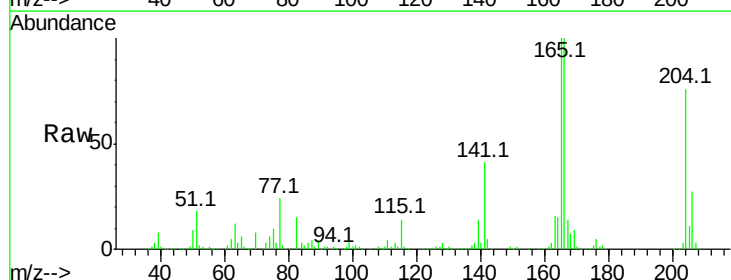
Manual Integrations
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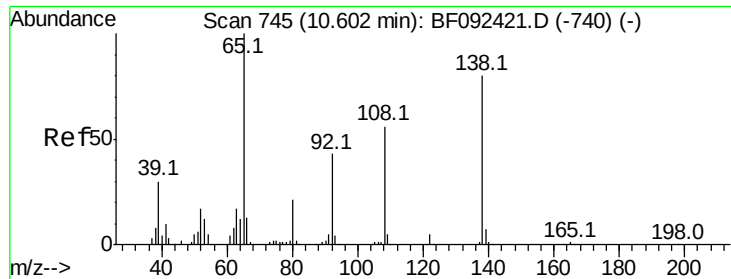
mohammad
1/25/2017 3:49:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.85 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion:204 Resp: 484992
Ion Ratio Lower Upper
204 100
206 35.1 25.8 38.6
141 54.6 59.4 89.0#





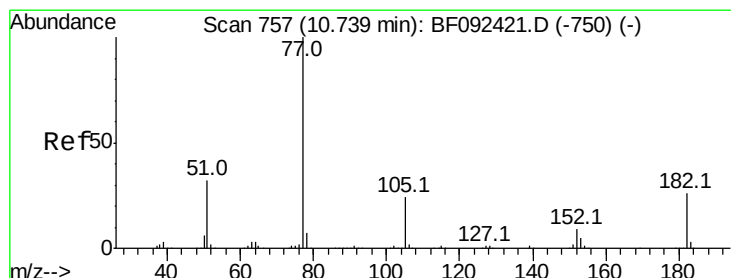
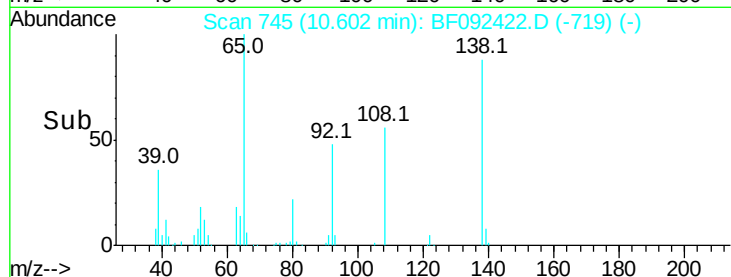
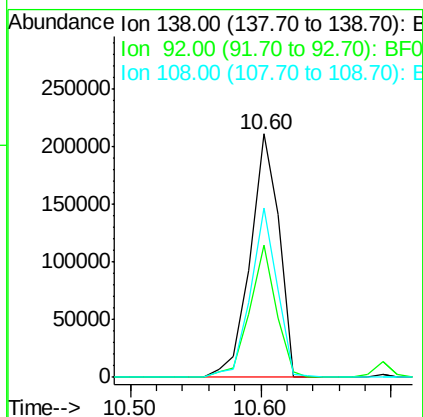
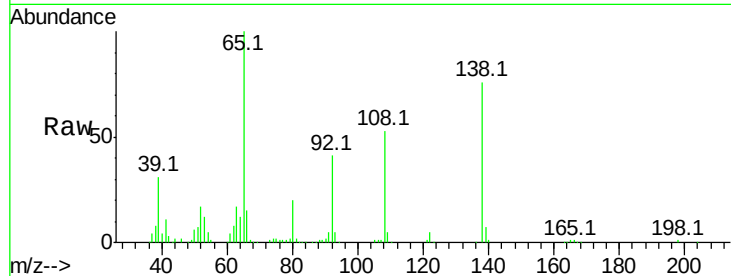
#61
4-Nitroaniline
Concen: 46.66 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	31.7	71.7
108	69.4	52.6	92.6

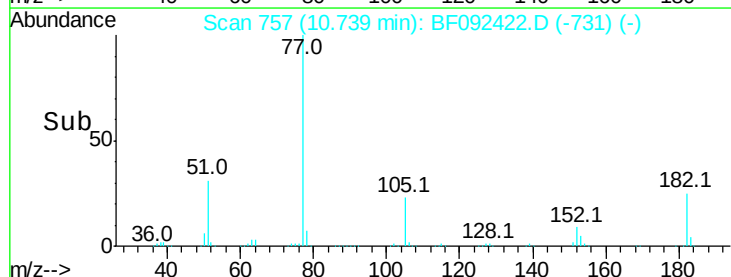
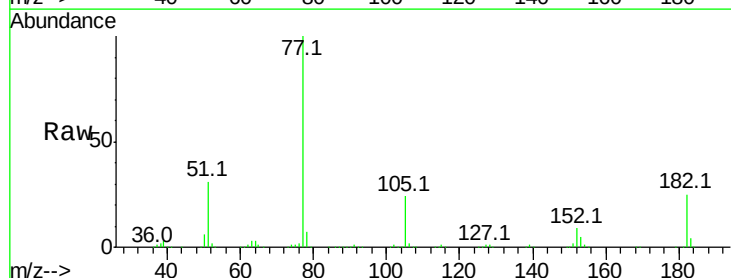
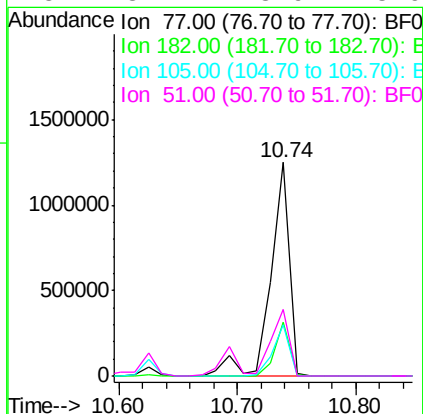
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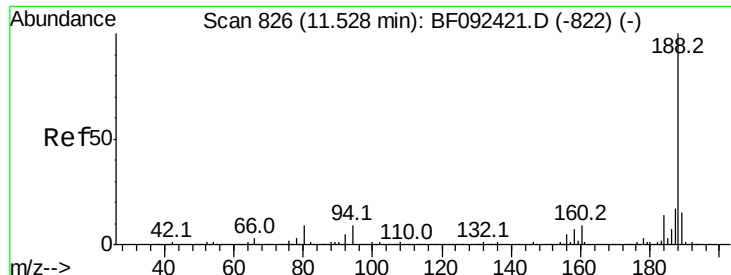
mohammad
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#62
Azobenzene
Concen: 52.26 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	0.0	39.3
105	24.1	2.3	42.3
51	31.2	8.9	48.9





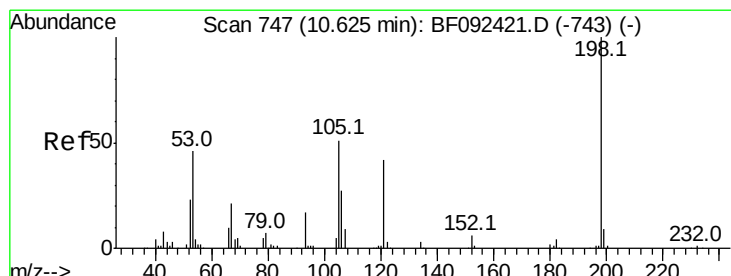
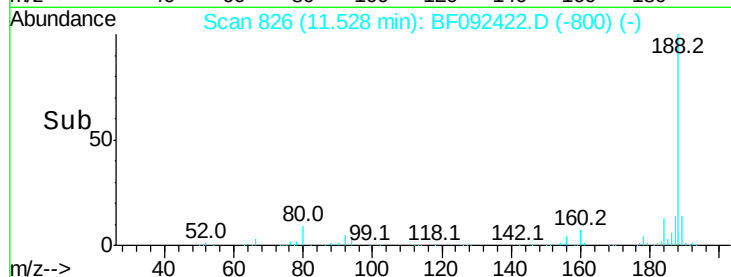
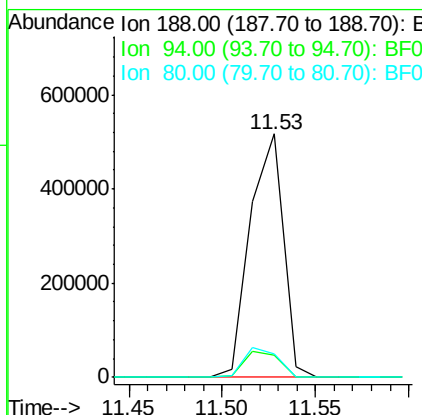
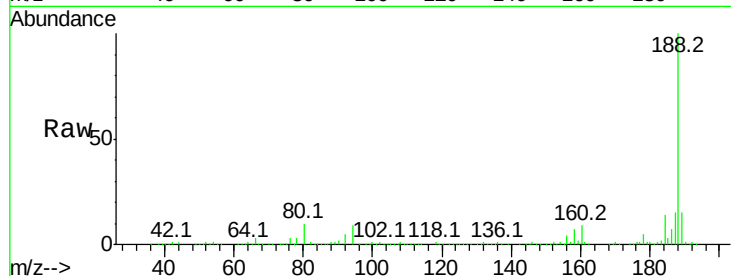
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100	637824		
94	8.9	10.0	15.0#	
80	9.5	11.2	16.8#	

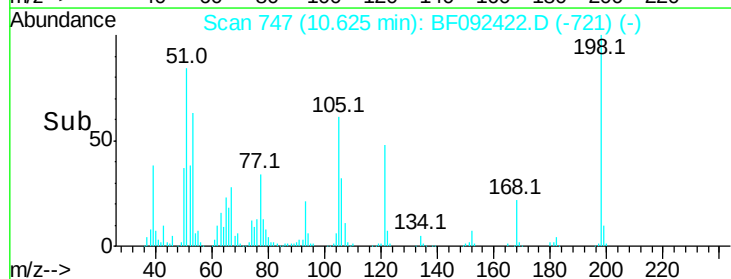
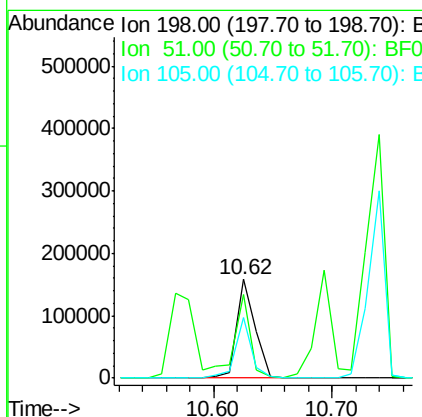
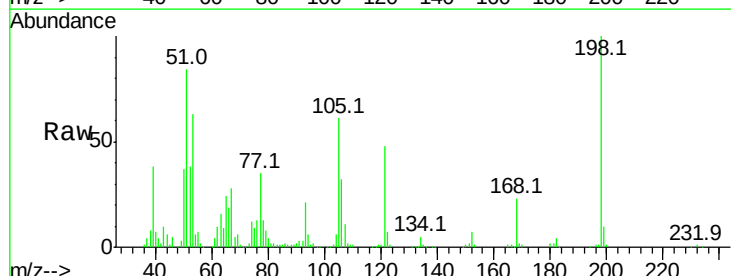
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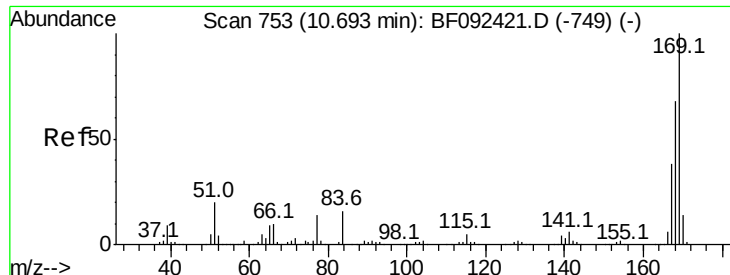
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.35 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	171049		
51	84.0	6.7	46.7#	
105	60.7	16.6	56.6#	





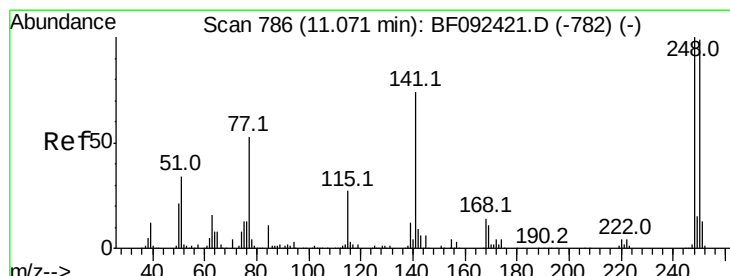
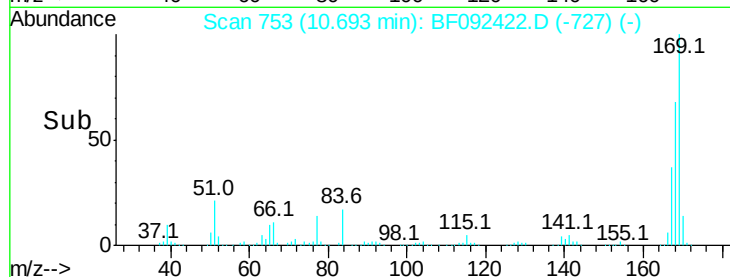
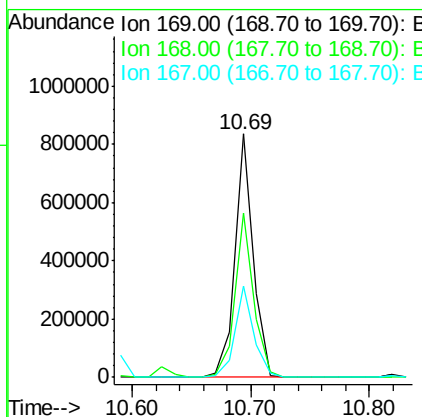
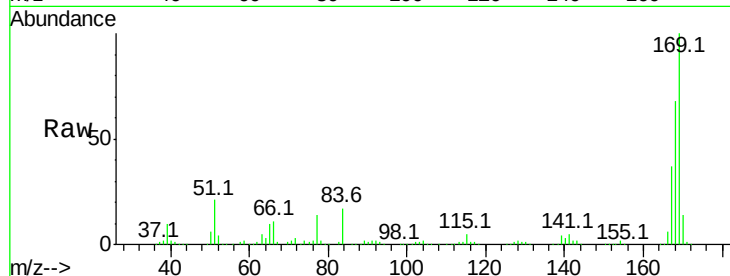
#65
 n-Nitrosodiphenylamine
 Concen: 47.02 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100	889944		
168	67.5		54.2	81.2
167	37.3		30.2	45.4

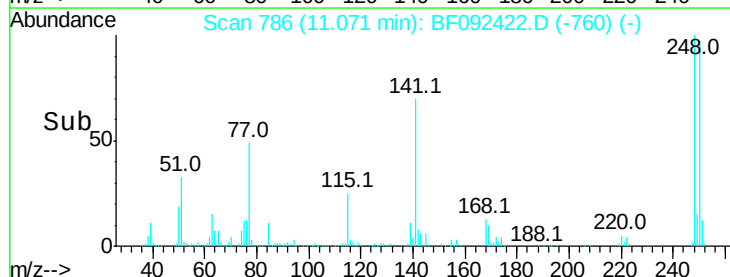
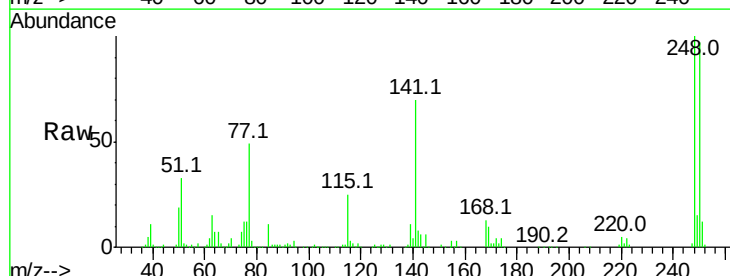
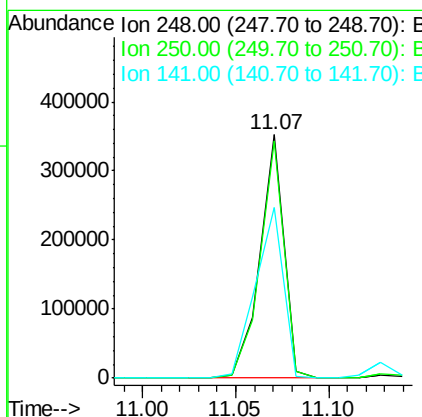
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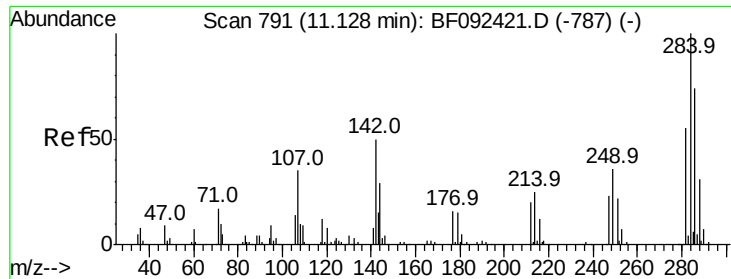
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#66
 4-Bromophenyl-phenylether
 Concen: 46.88 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	311024		
250	97.3		76.9	115.3
141	70.3		68.2	102.4





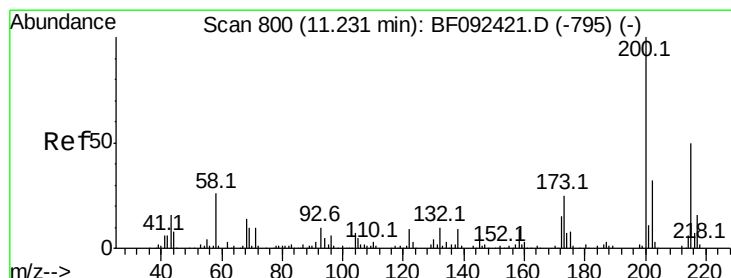
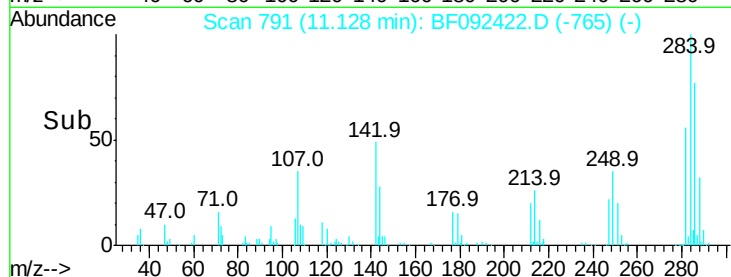
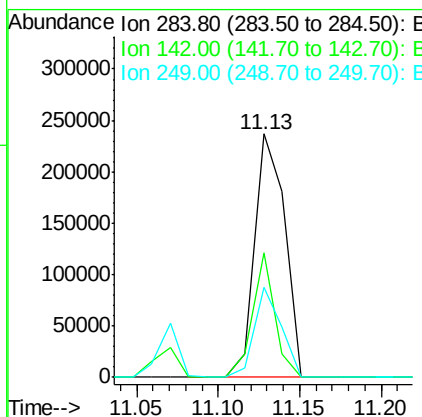
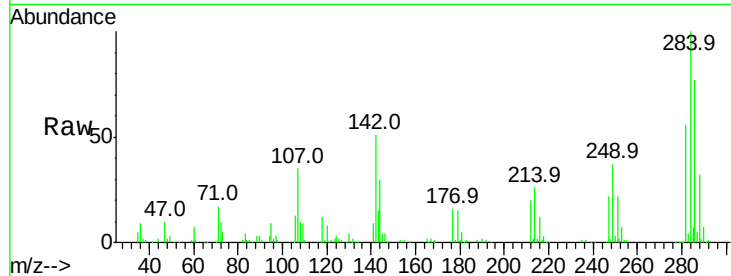
#67
Hexachlorobenzene
Concen: 42.70 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	51.4	22.6	33.8	
249	36.8	25.4	38.0	

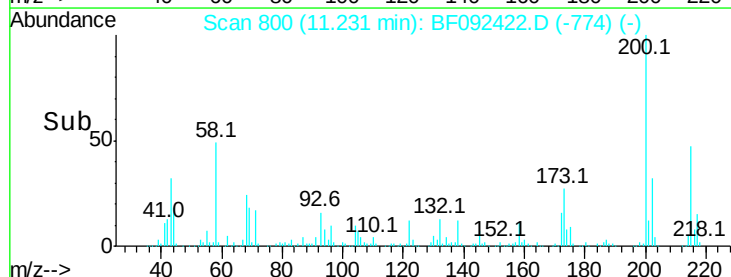
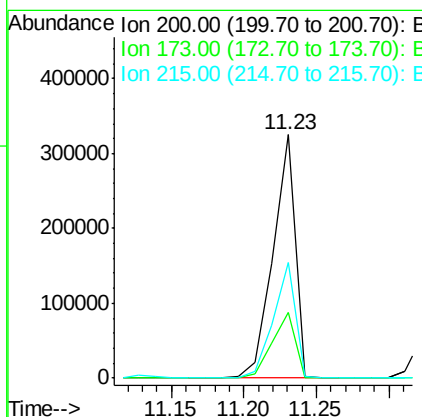
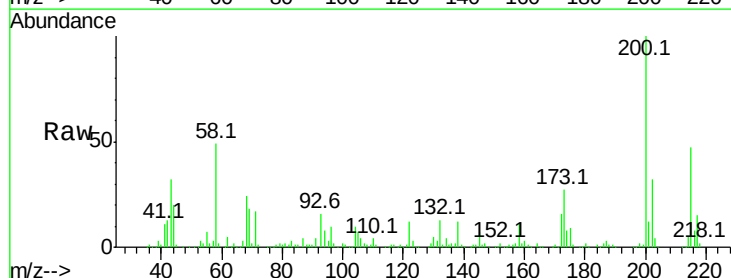
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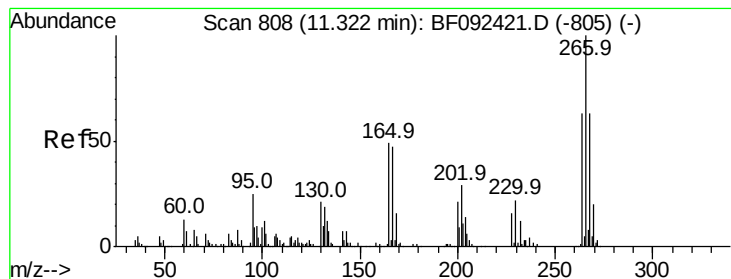
mohammad
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#68
Atrazine
Concen: 56.58 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	9.6	49.6	
215	47.4	25.7	65.7	





#69

Pentachlorophenol

Concen: 60.34 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:266 Resp: 209973

Ion Ratio Lower Upper

266 100

268 64.7 53.3 79.9

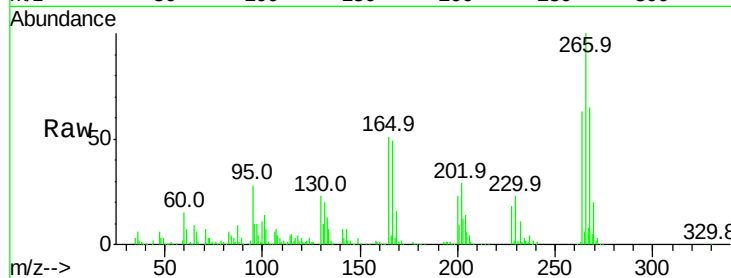
264 63.4 50.3 75.5

Manual Integrations

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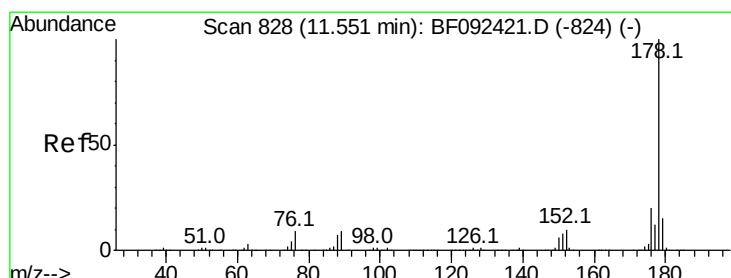
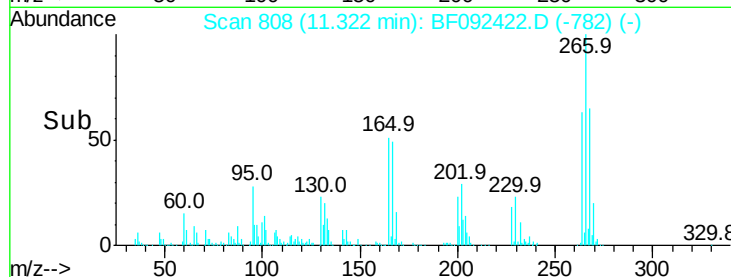
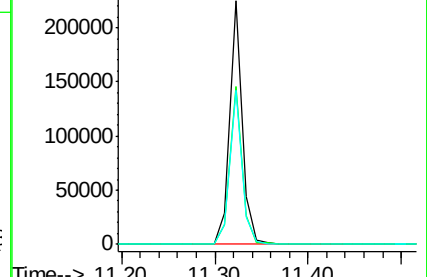
1/25/2017 3:49:28 PM



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.62 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

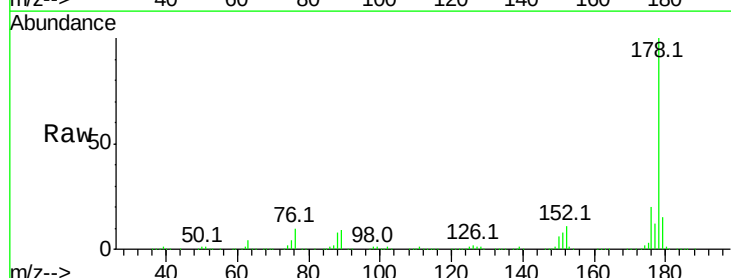
Tgt Ion:178 Resp: 1543168

Ion Ratio Lower Upper

178 100

176 20.3 16.6 25.0

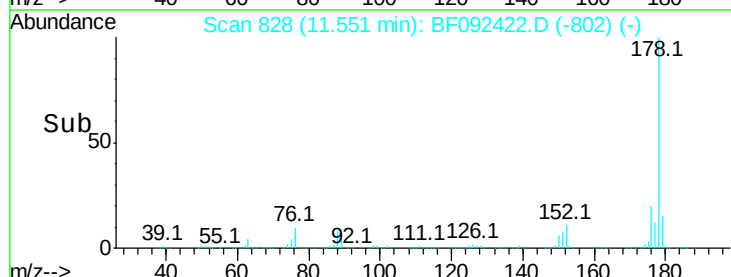
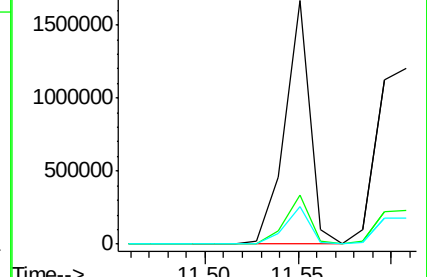
179 15.4 12.8 19.2

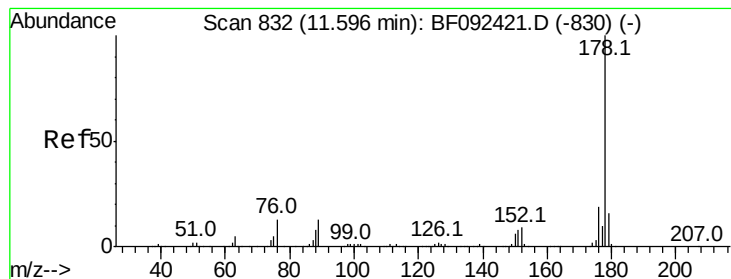


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 48.49 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:178 Resp: 1679499

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

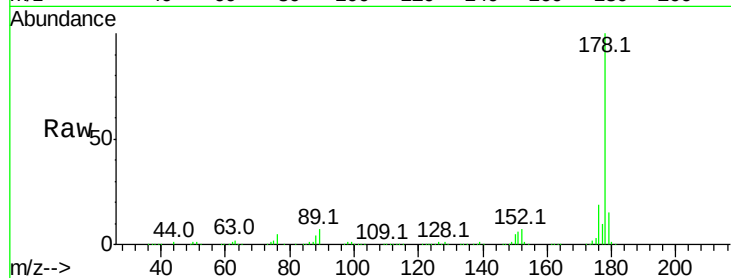
179 15.1 13.2 19.8

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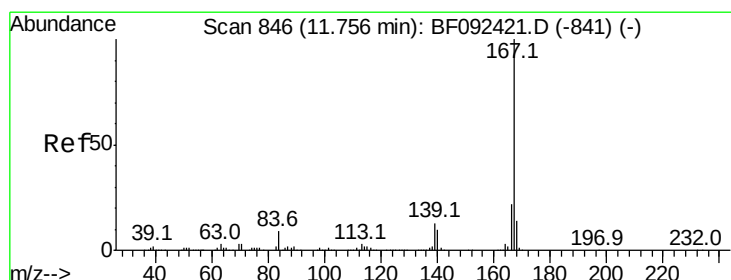
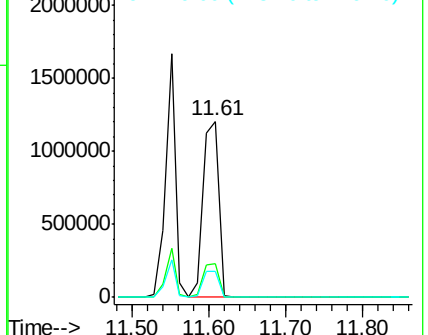
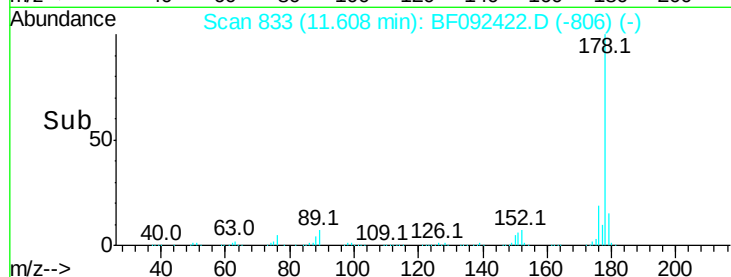
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.07 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

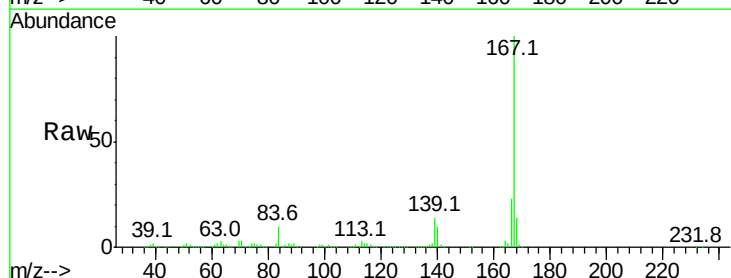
Tgt Ion:167 Resp: 1508423

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

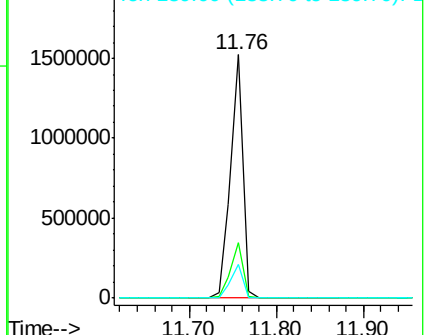
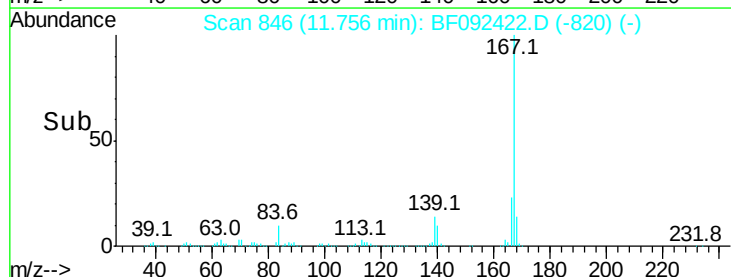
139 13.6 11.4 17.2

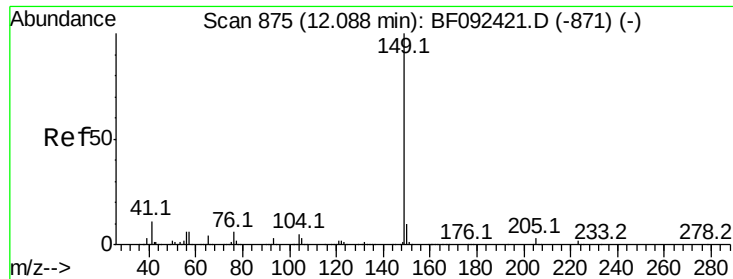


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.56 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1780043

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

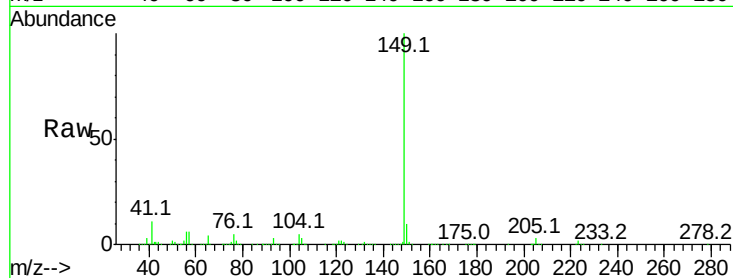
104 5.2 4.6 7.0

Manual Integrations

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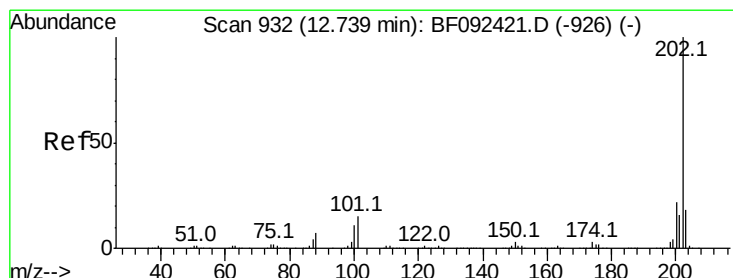
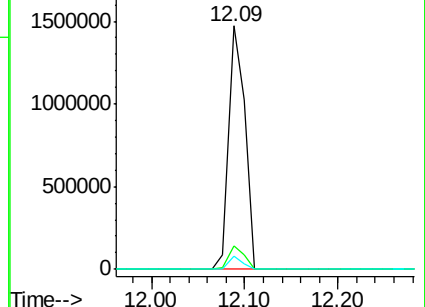
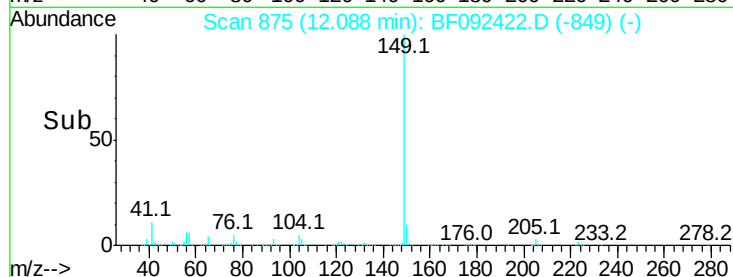
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.81 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

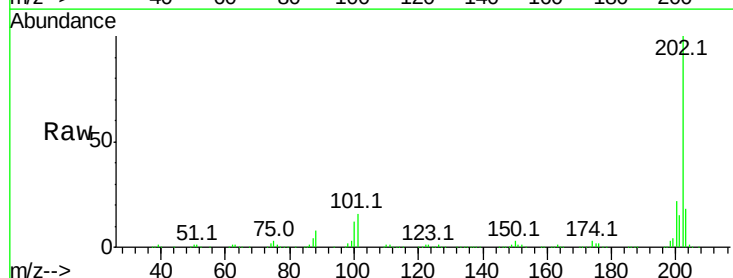
Tgt Ion:202 Resp: 1546328

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

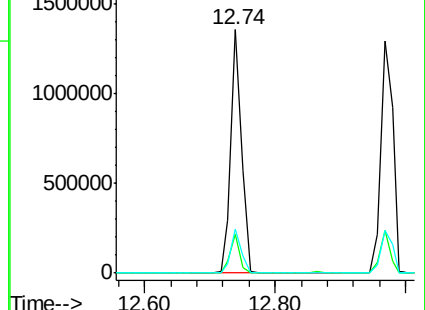
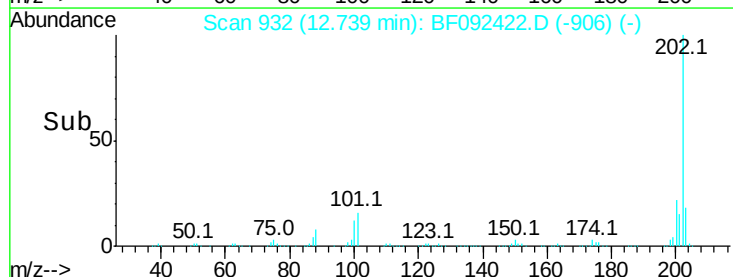
203 17.9 0.0 38.7

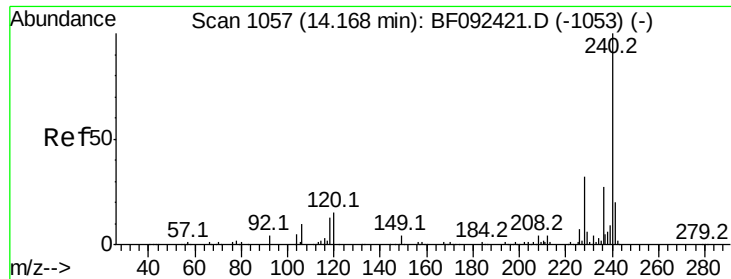


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:240 Resp: 470250

Ion Ratio Lower Upper

240 100

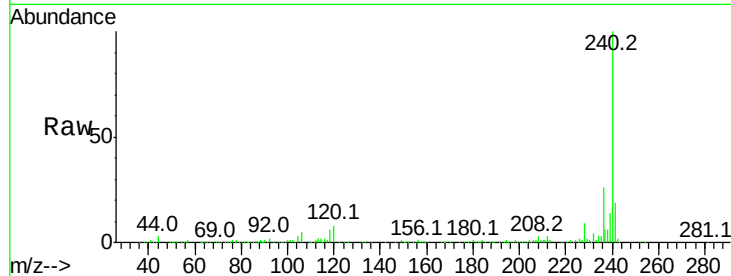
120 7.7 12.9 19.3#

236 25.6 20.9 31.3

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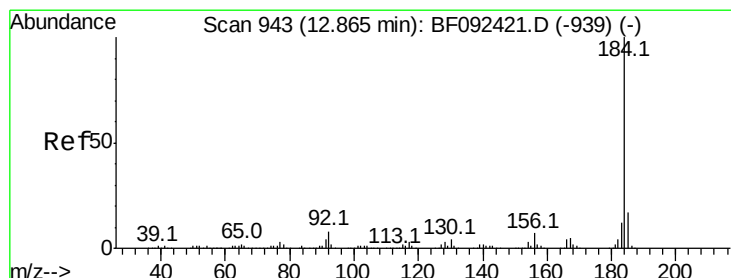
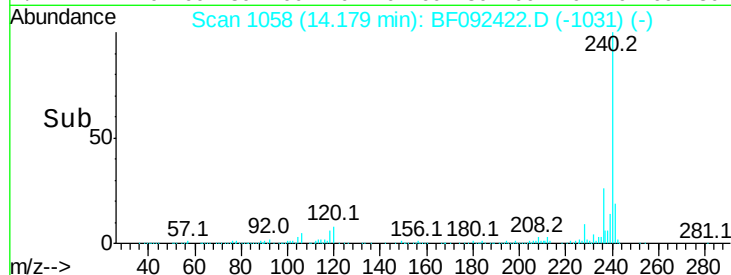
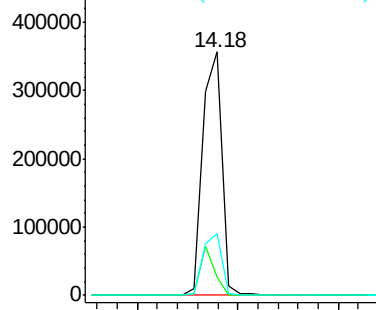
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 67.71 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092422.D

Acq: 24 Jan 2017 12:05

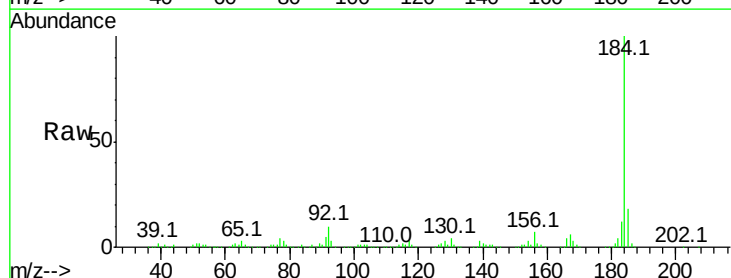
Tgt Ion:184 Resp: 922824

Ion Ratio Lower Upper

184 100

185 18.4 13.4 20.0

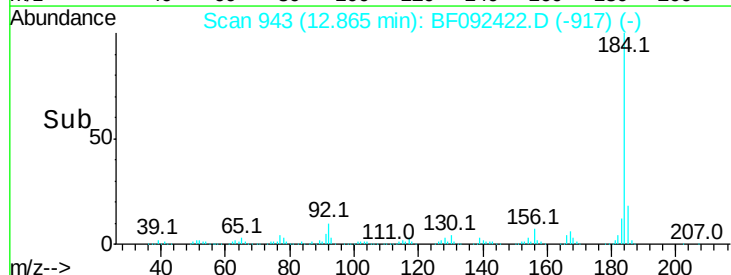
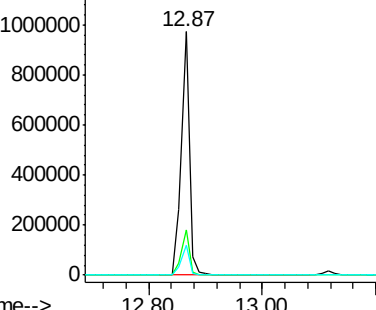
183 12.4 9.2 13.8

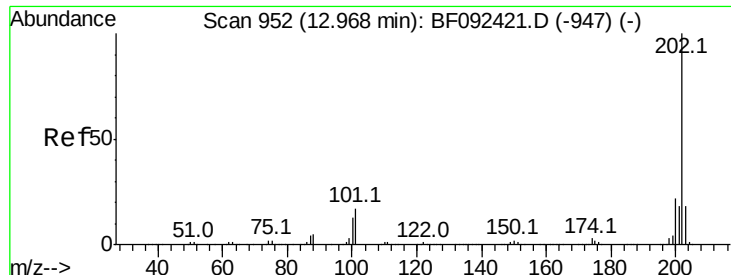


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





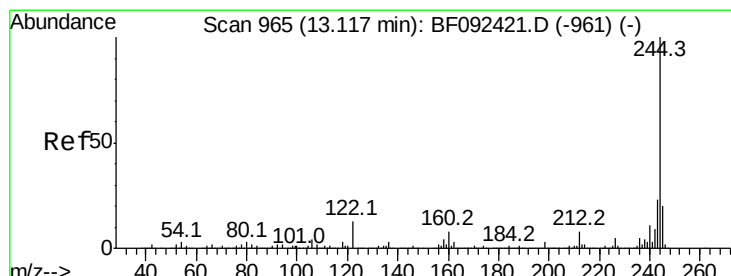
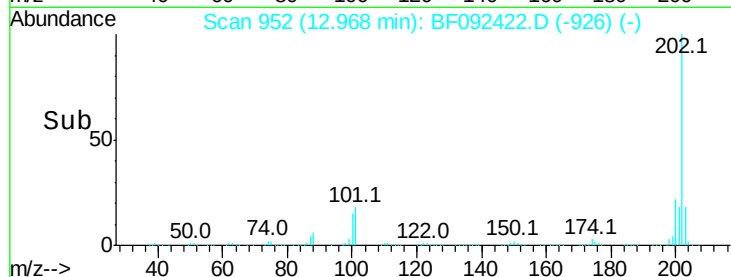
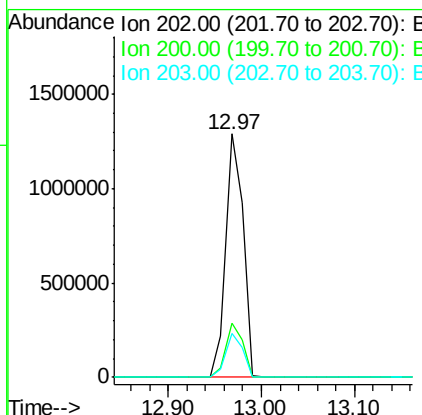
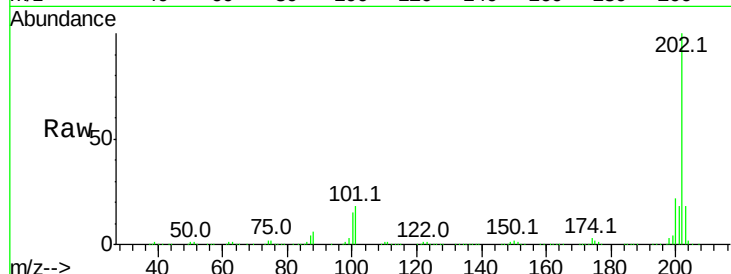
#77
Pvrene
Concen: 48.72 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:202 Resp: 1681096
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.3 14.7 22.1

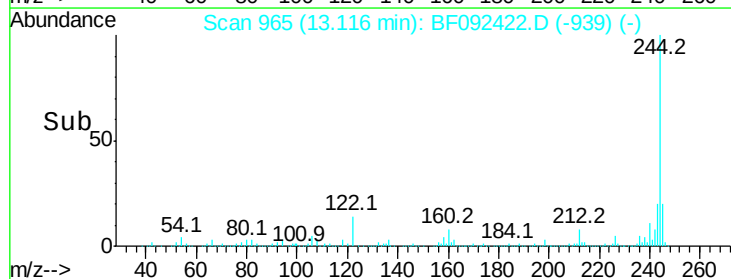
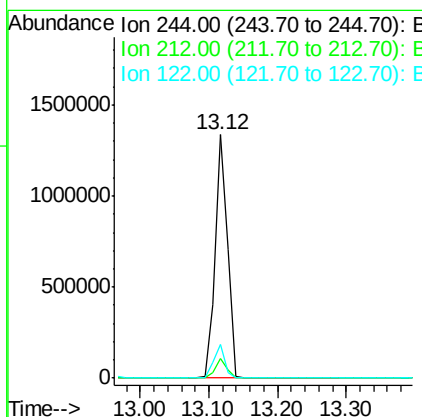
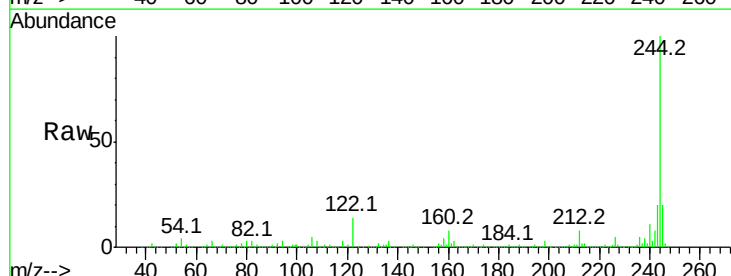
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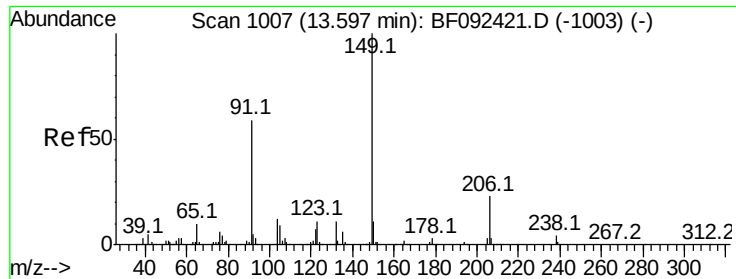
mohammad
1/25/2017 3:49:28 PM



#78
Terphenyl-d14
Concen: 87.84 ng
RT: 13.12 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion:244 Resp: 1703224
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 13.8 11.4 17.2





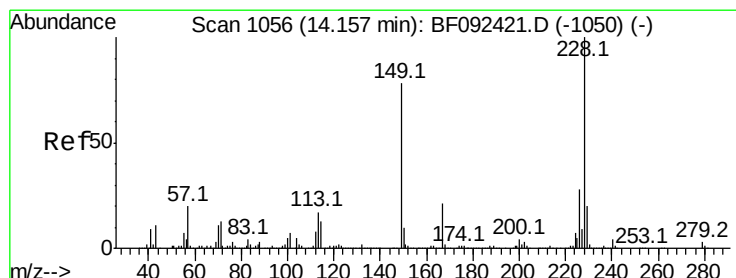
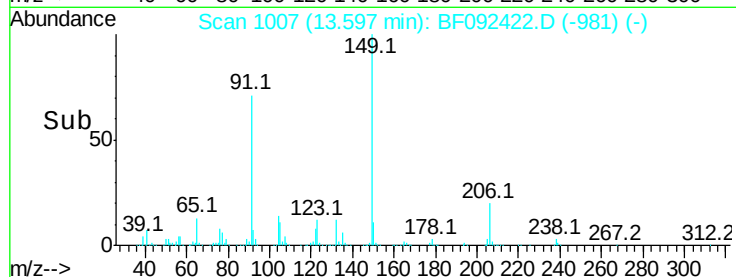
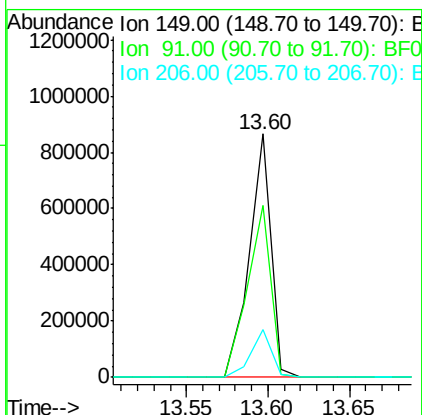
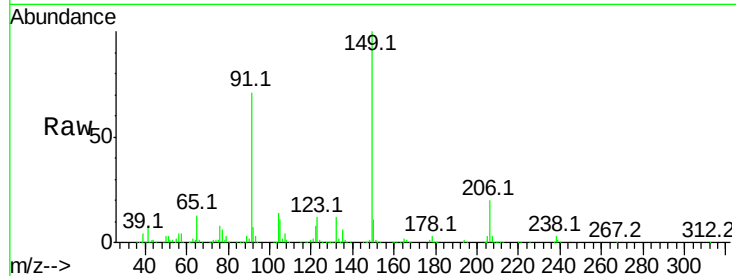
#79
Butylbenzylphthalate
Concen: 50.81 ng
RT: 13.60 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	797350		
91	70.7	63.9	95.9	
206	19.5	14.6	21.8	

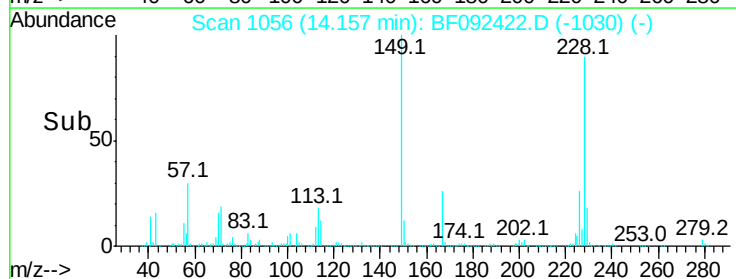
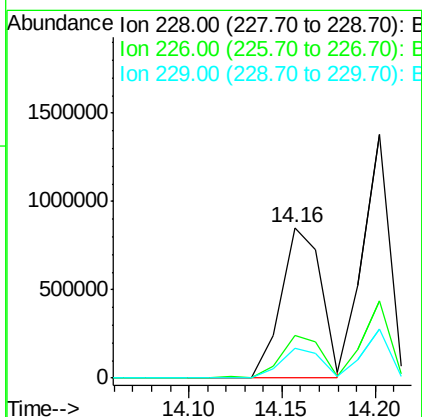
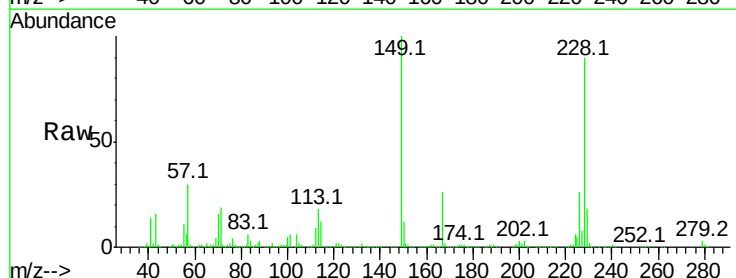
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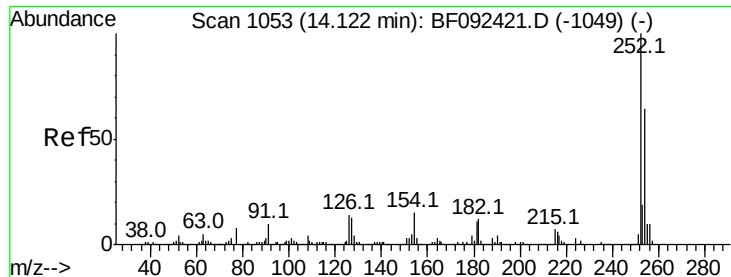
mohammad
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#80
Benzo(a)anthracene
Concen: 47.86 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1270462		
226	28.5	22.4	33.6	
229	19.9	16.2	24.4	





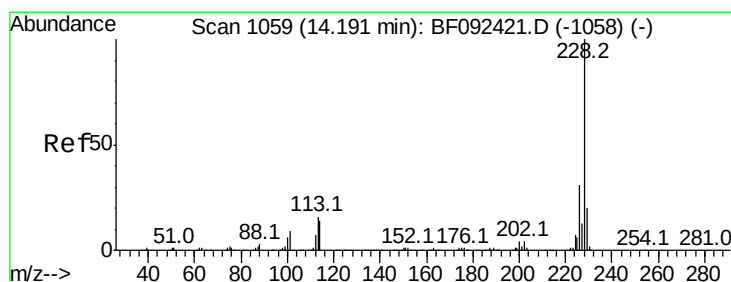
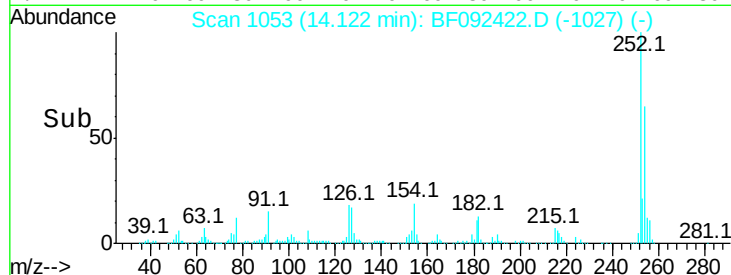
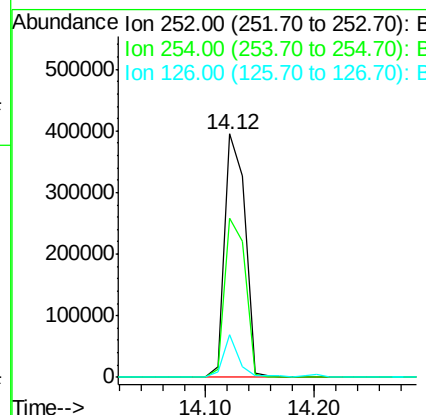
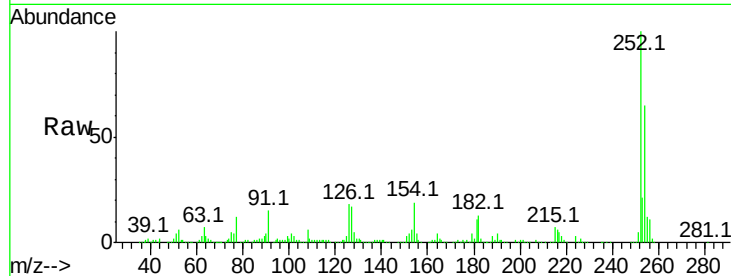
#81
 3,3'-Dichlorobenzidine
 Concen: 51.43 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.3	78.5
126	17.5	13.6	20.4

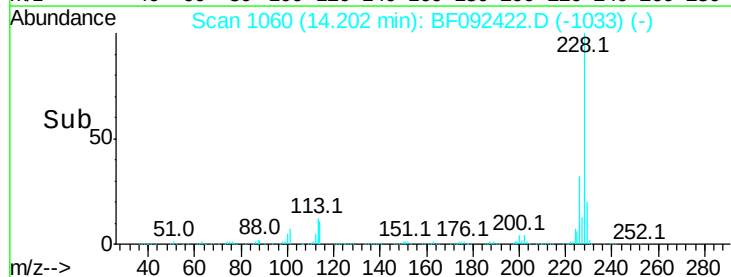
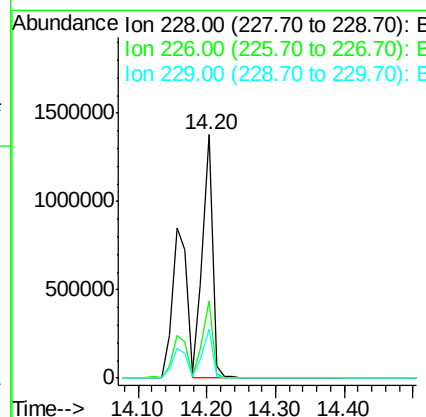
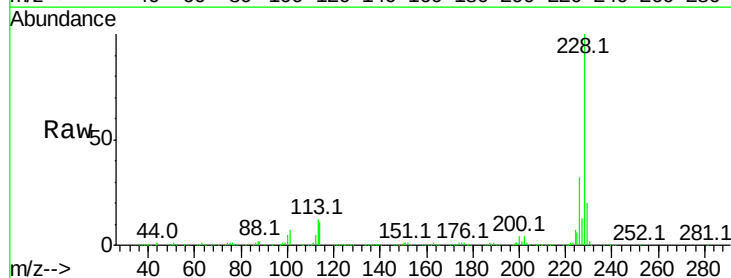
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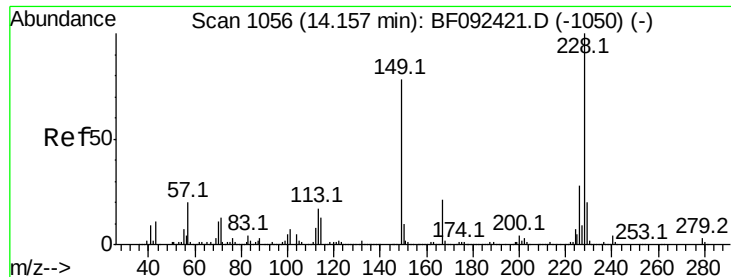
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#82
 Chrysene
 Concen: 51.69 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	20.1	16.2	24.2





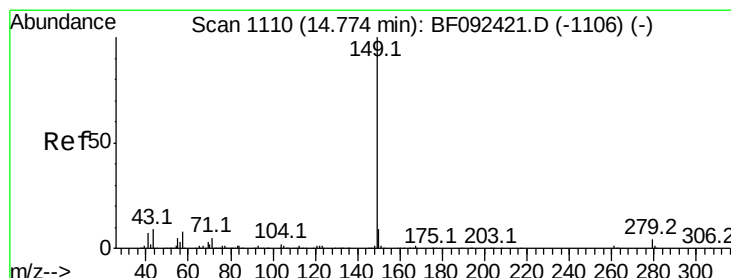
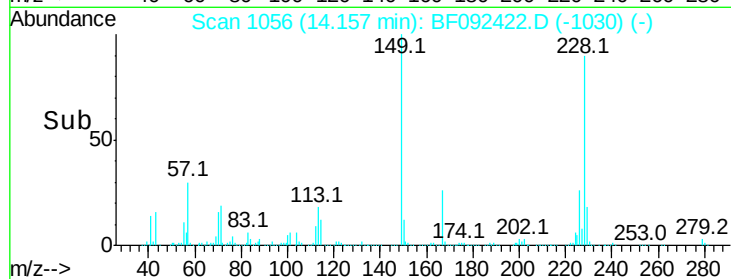
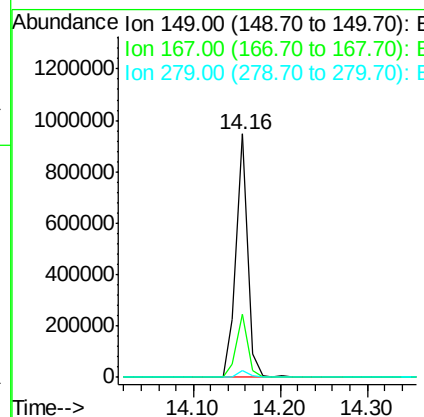
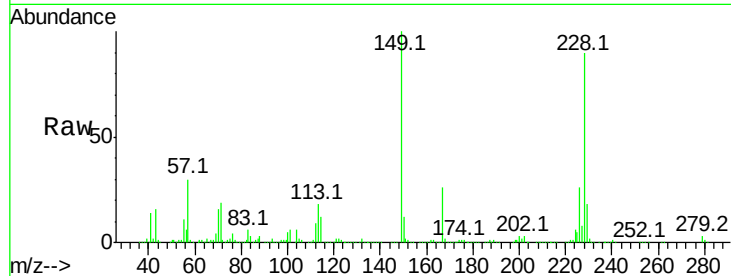
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.62 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	2.9	1.8	2.8#

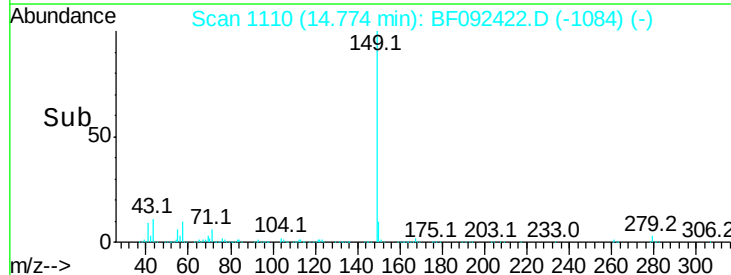
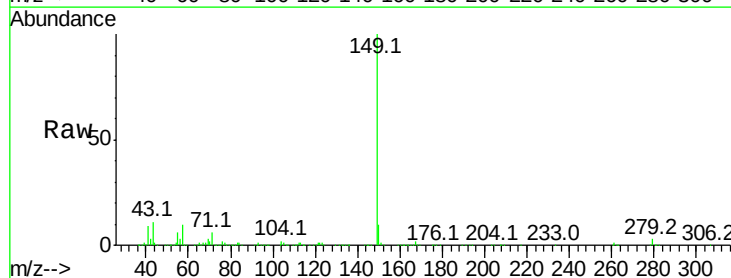
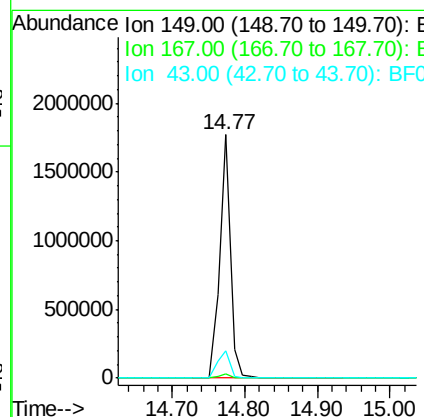
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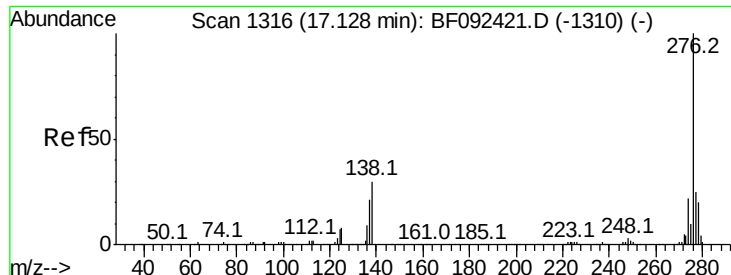
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 53.12 ng
 RT: 14.77 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.1	8.9	13.3





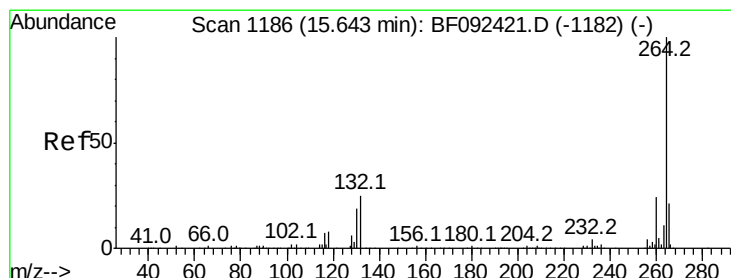
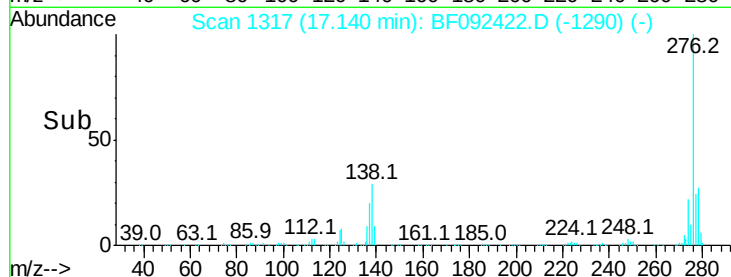
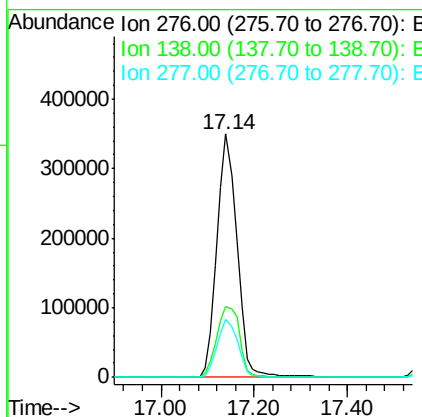
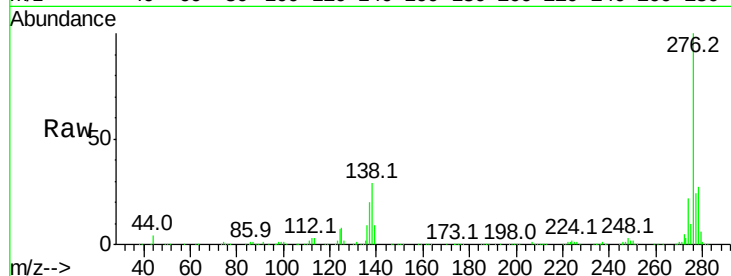
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.41 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:276 Resp: 1047529
 Ion Ratio Lower Upper
 276 100
 138 33.7 21.8 32.6#
 277 24.8 20.2 30.4

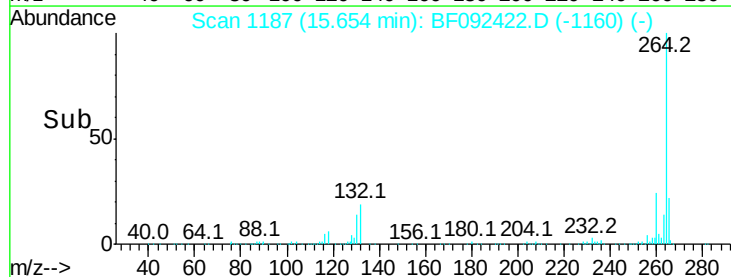
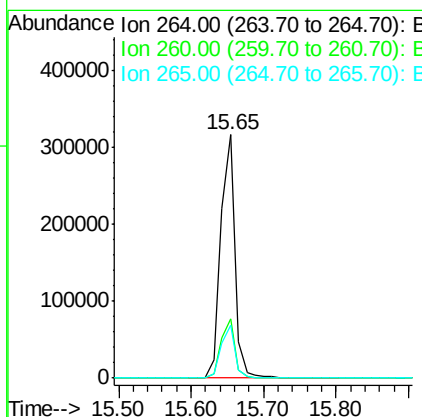
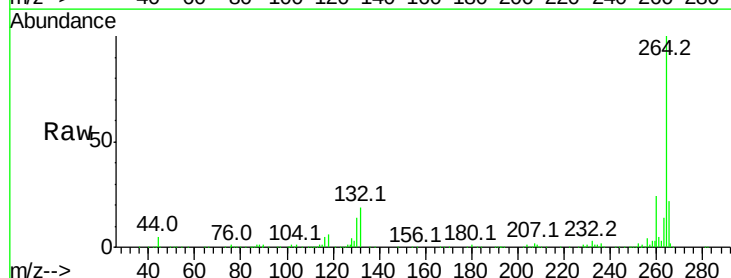
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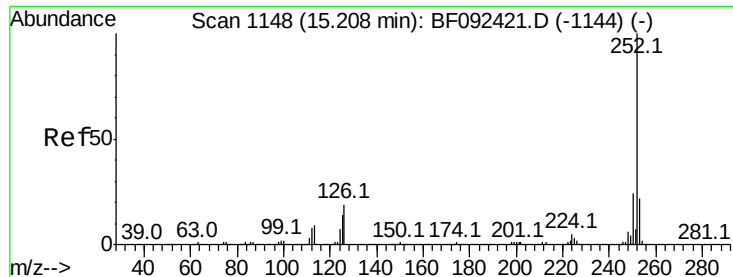
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Tgt Ion:264 Resp: 430473
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 17.4 26.0





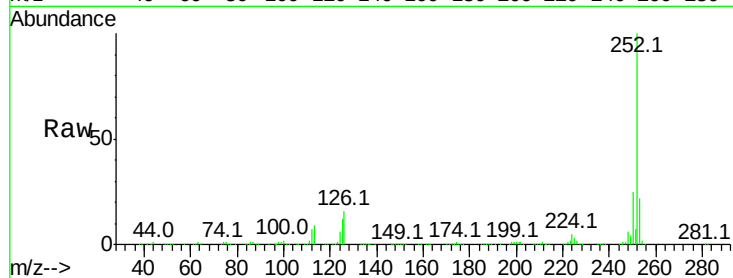
#87
Benzo(b)fluoranthene
Concen: 47.13 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

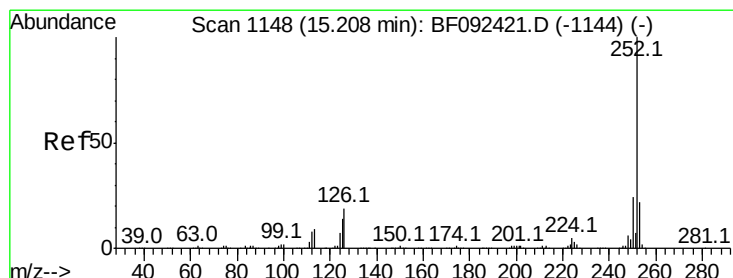
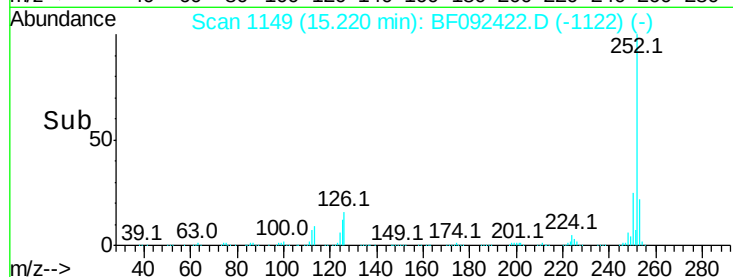
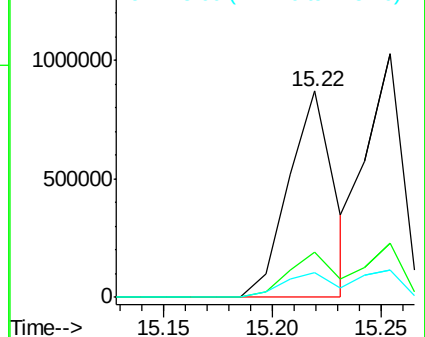
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.1	9.8	14.6

Manual Integrations
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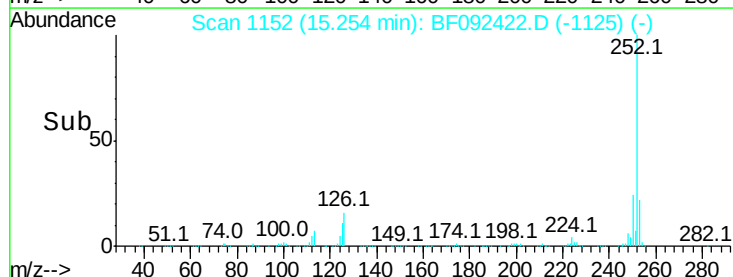
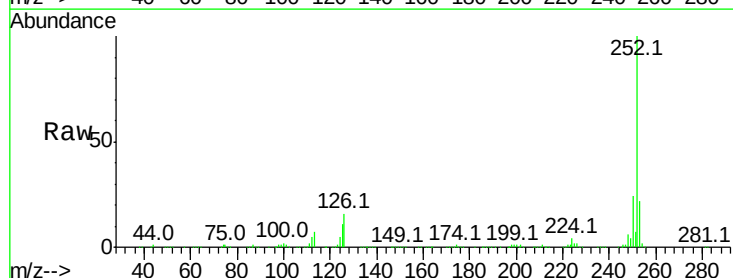
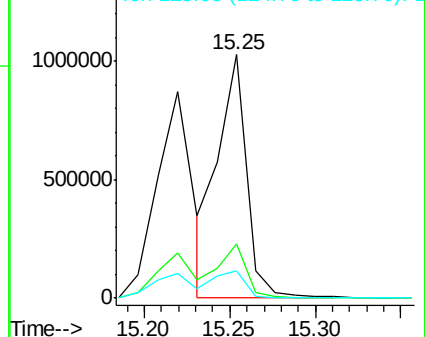
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

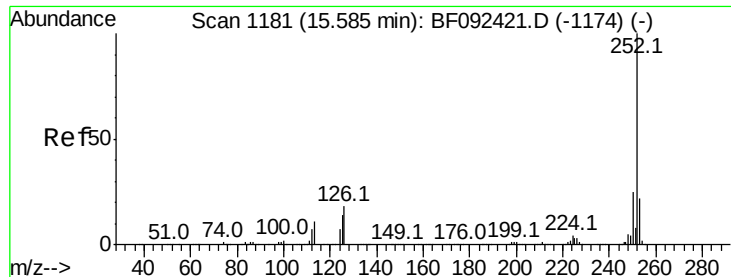


#88
Benzo(k)fluoranthene
Concen: 53.04 ng m
RT: 15.25 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	11.3	8.9	13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





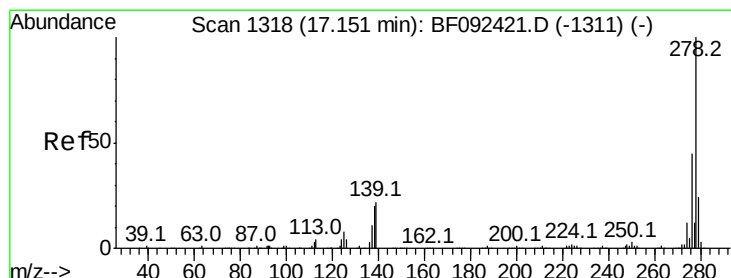
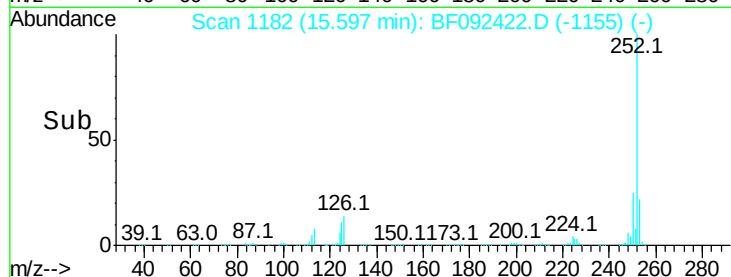
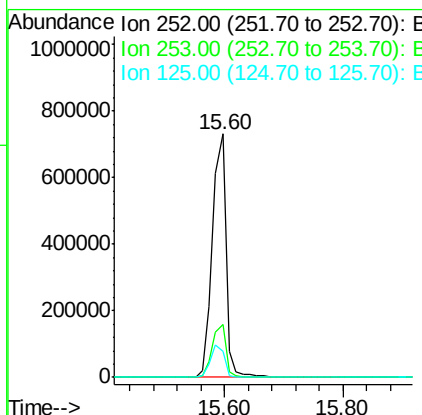
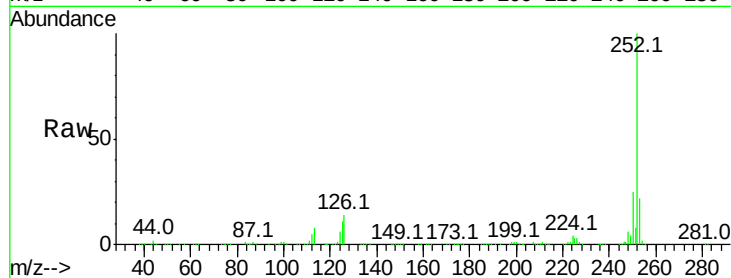
#89
Benzo(a)pyrene
Concen: 49.42 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.8	10.0	15.0

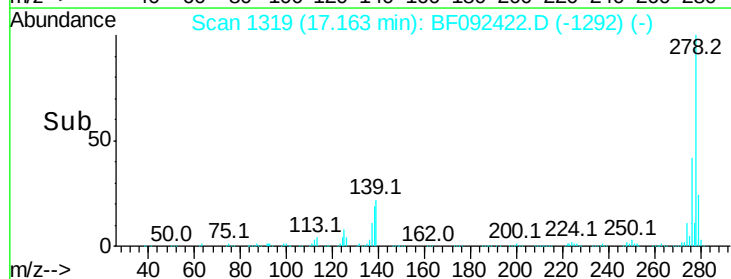
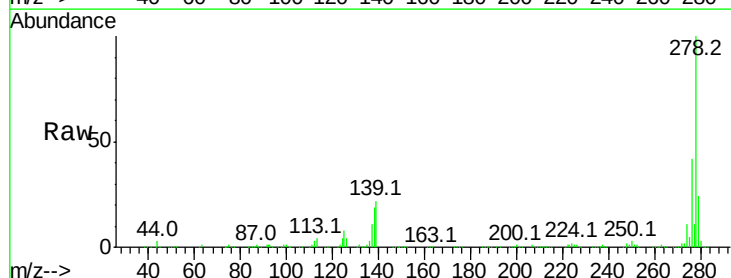
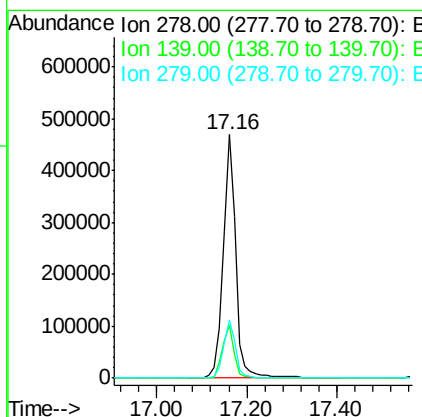
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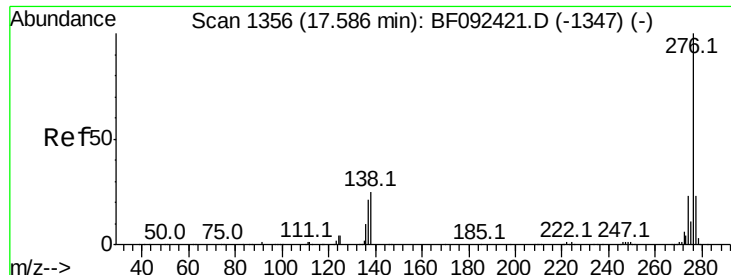
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#90
Dibenzo(a,h)anthracene
Concen: 46.76 ng
RT: 17.16 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF092422.D
Acq: 24 Jan 2017 12:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.16 ng
 RT: 17.60 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF092422.D
 Acq: 24 Jan 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	26.2	16.0	24.0

Manual Integrations
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