

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095271.D
 Acq On : 19 May 2017 19:30
 Operator : SJ/MA
 Sample : I3203-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:46 PM

Quant Time: May 22 07:41:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84482	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	344959	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	164589	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	300663	20.00	ng	0.00
75) Chrysene-d12	18.69	240	202320	20.00	ng	0.00
86) Perylene-d12	20.36	264	159472	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	790822	156.06	ng	0.00
7) Phenol-d6	7.31	99	952129	156.60	ng	0.00
23) Nitrobenzene-d5	8.67	82	570806	104.34	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	215176	159.63	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	979327	85.64	ng	0.00
78) Terphenyl-d14	17.34	244	908183	98.87	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.24	88	83788	33.72	ng	95
3) Pyridine	2.95	79	206107	35.78	ng	94
4) n-Nitrosodimethylamine	2.87	42	93338	38.88	ng	85
6) Aniline	7.27	93	372464	48.53	ng	97
8) 2-Chlorophenol	7.45	128	298432	51.74	ng	96
9) Benzaldehyde	7.10	77	90464	24.37	ng	99
10) Phenol	7.33	94	319807	49.92	ng	89
11) bis(2-Chloroethyl)ether	7.40	93	281268	53.18	ng	96
12) 1,3-Dichlorobenzene	7.67	146	305436	46.68	ng	97
13) 1,4-Dichlorobenzene	7.79	146	315128	47.50	ng	96
14) 1,2-Dichlorobenzene	8.02	146	302197	48.80	ng	96
15) Benzyl Alcohol	8.05	79	236734	60.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	353667	47.24	ng	84
17) 2-Methylphenol	8.26	107	239814	50.81	ng	95
18) Hexachloroethane	8.54	117	101315	45.08	ng	# 86
19) n-Nitroso-di-n-propylamine	8.47	70	211086	51.33	ng	96
20) 3+4-Methylphenols	8.52	107	323633	50.46	ng	# 57
22) Acetophenone	8.44	105	419207	50.65	ng	# 84
24) Nitrobenzene	8.70	77	288234	50.27	ng	94
25) Isophorone	9.10	82	548608	56.16	ng	# 93
26) 2-Nitrophenol	9.20	139	168591	54.49	ng	97
27) 2,4-Dimethylphenol	9.34	122	276164	55.21	ng	99
28) bis(2-Chloroethoxy)methane	9.46	93	357487	52.90	ng	99
29) 2,4-Dichlorophenol	9.62	162	252353	53.43	ng	97
30) 1,2,4-Trichlorobenzene	9.71	180	250971	49.60	ng	98
31) Naphthalene	9.81	128	818609	47.22	ng	99
32) Benzoic acid	9.61	122	45226	17.39	ng	96
33) 4-Chloroaniline	9.96	127	227050	35.14	ng	94
34) Hexachlorobutadiene	10.03	225	119022	44.58	ng	97
35) Caprolactam	10.60	113	70958m	50.03	ng	
36) 4-Chloro-3-methylphenol	10.81	107	266440	52.76	ng	90
37) 2-Methylnaphthalene	10.94	142	557272	48.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	222580	43.97	ng	99
40) Hexachlorocyclopentadiene	11.19	237	113845	55.51	ng	97

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 QLast Update : Thu May 18 17:07:53 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	166760	49.35	ng	98
43) 2,4,5-Trichlorophenol	11.54	196	156605	43.12	ng #	93
45) 1,1'-Biphenyl	11.71	154	665781	48.04	ng	98
46) 2-Chloronaphthalene	11.72	162	520503	46.52	ng	96
47) 2-Nitroaniline	11.95	65	145560	47.53	ng #	76
48) Acenaphthylene	12.38	152	797455	45.50	ng	99
49) Dimethylphthalate	12.26	163	785721	58.15	ng	100
50) 2,6-Dinitrotoluene	12.35	165	135207	49.05	ng	95
51) Acenaphthene	12.67	154	486820	46.51	ng	99
52) 3-Nitroaniline	12.63	138	99787	33.73	ng	89
53) 2,4-Dinitrophenol	12.84	184	102631	68.57	ng #	65
54) Dibenzofuran	12.95	168	753896	52.04	ng	99
55) 4-Nitrophenol	13.02	139	151440	85.22	ng #	71
56) 2,4-Dinitrotoluene	13.02	165	193899	54.74	ng #	88
57) Fluorene	13.51	166	605314	48.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.20	232	123508	54.03	ng #	91
59) Diethylphthalate	13.41	149	578533	44.67	ng	98
60) 4-Chlorophenyl-phenylether	13.53	204	264559	47.79	ng	92
61) 4-Nitroaniline	13.64	138	129138	47.54	ng	94
62) Azobenzene	13.79	77	564649	54.26	ng	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	95461	47.36	ng #	65
65) n-Nitrosodiphenylamine	13.74	169	524155	48.03	ng	99
66) 4-Bromophenyl-phenylether	14.32	248	152215	47.92	ng	99
67) Hexachlorobenzene	14.41	284	148986	45.77	ng #	89
68) Atrazine	14.67	200	150398	48.81	ng	97
69) Pentachlorophenol	14.77	266	115479	78.57	ng	97
70) Phenanthrene	15.06	178	798081	46.20	ng	98
71) Anthracene	15.14	178	881999	49.98	ng	98
72) Carbazole	15.42	167	831966	51.82	ng	97
73) Di-n-butylphthalate	15.98	149	1025005	51.19	ng	99
74) Fluoranthene	16.80	202	887071	50.06	ng	98
76) Benzidine	17.02	184	205739	39.03	ng	95
77) Pyrene	17.10	202	865943	57.23	ng	98
79) Butylbenzylphthalate	17.99	149	383568	54.50	ng #	85
80) Benzo(a)anthracene	18.68	228	573862	48.74	ng	99
81) 3,3'-Dichlorobenzidine	18.66	252	158321	38.93	ng #	96
82) Chrysene	18.72	228	547347	48.07	ng	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	526814	52.54	ng #	97
84) Di-n-octyl phthalate	19.51	149	954637	58.07	ng	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	473511	51.21	ng	99
87) Benzo(b)fluoranthene	19.95	252	455937	46.27	ng	98
88) Benzo(k)fluoranthene	19.98	252	549760	57.84	ng	96
89) Benzo(a)pyrene	20.31	252	455833	50.13	ng	98
90) Dibenzo(a,h)anthracene	21.69	278	386017	51.40	ng	96
91) Benzo(g,h,i)perylene	22.08	276	406531	55.17	ng	97

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

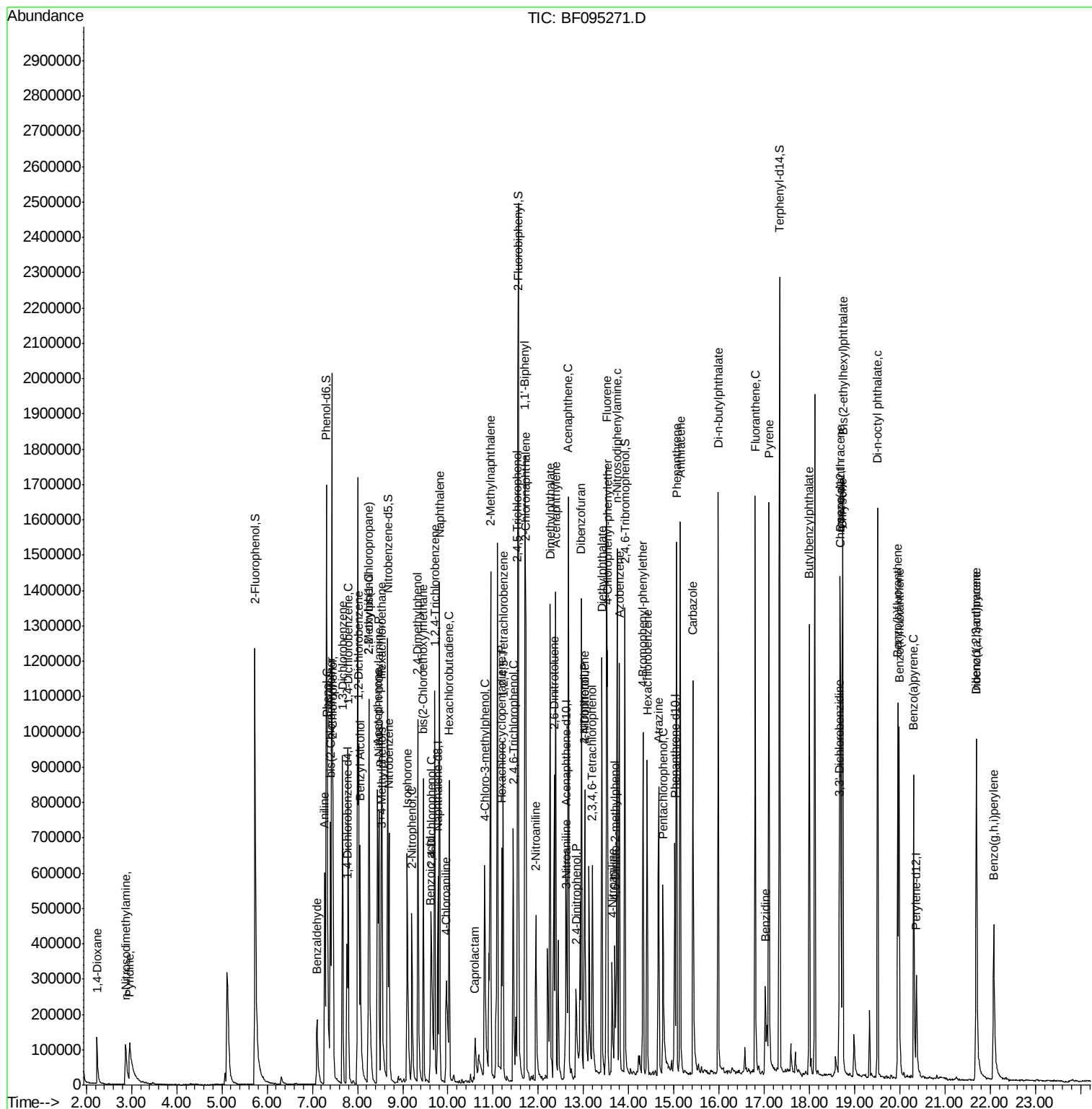
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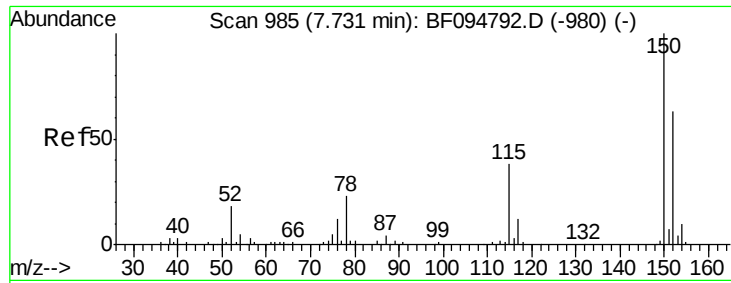
Instrument :
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Client Sample ID :
E2-T8-BAEMS

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#1

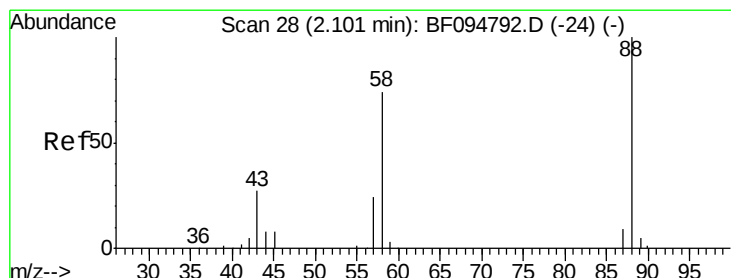
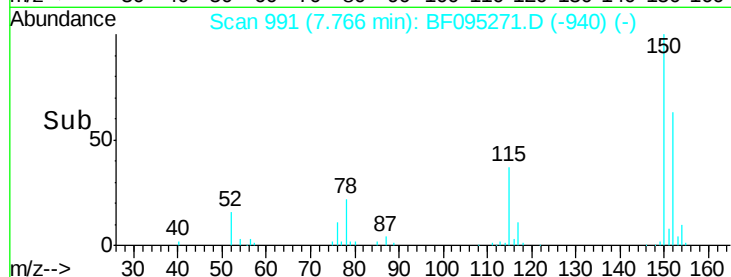
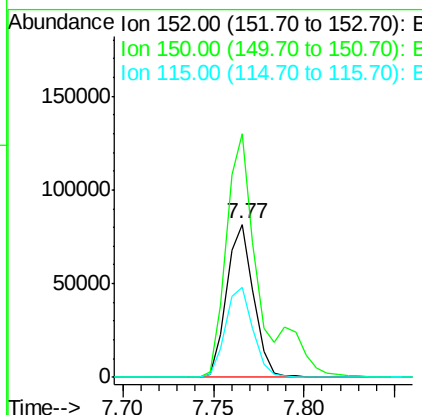
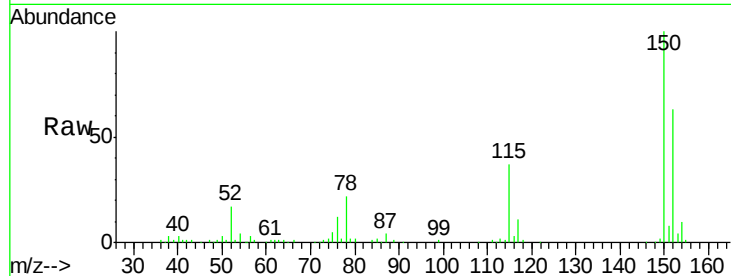
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	58.9	52.2	78.2

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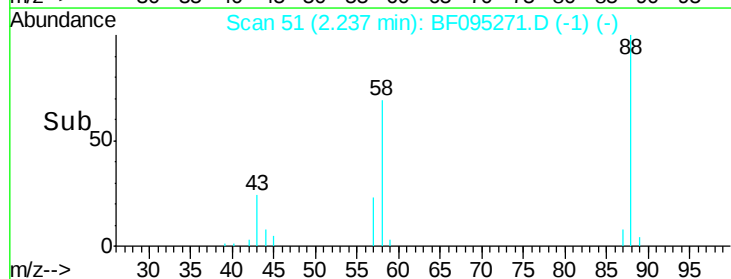
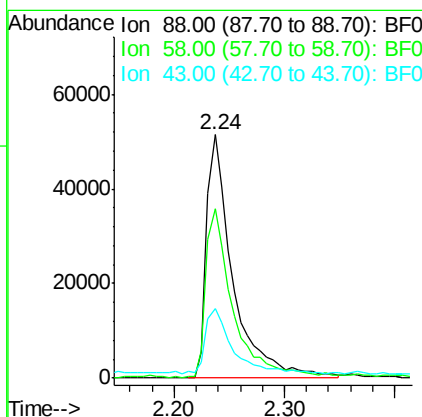
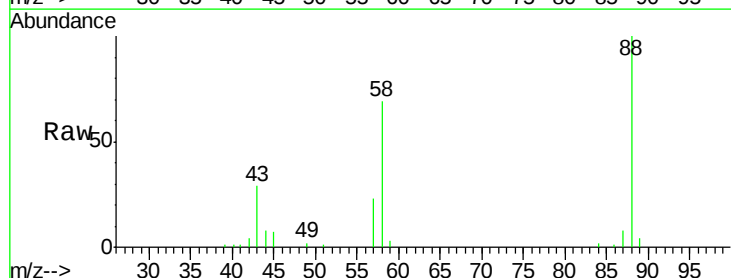
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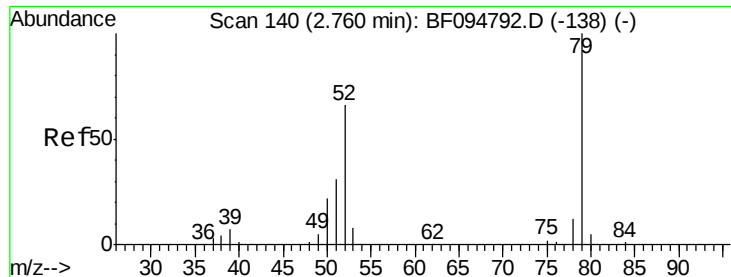


#2

1,4-Dioxane
Concen: 33.72 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	61.4	92.0
43	27.5	23.4	35.0





#3

Pyridine

Concen: 35.78 ng

RT: 2.95 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

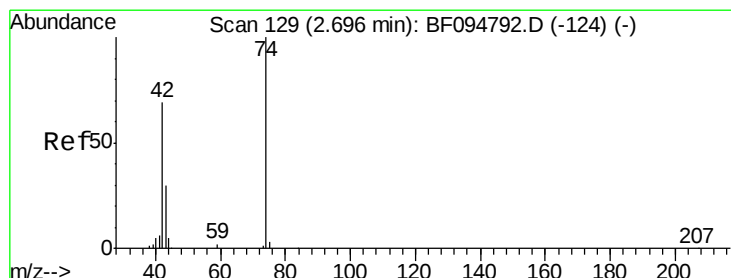
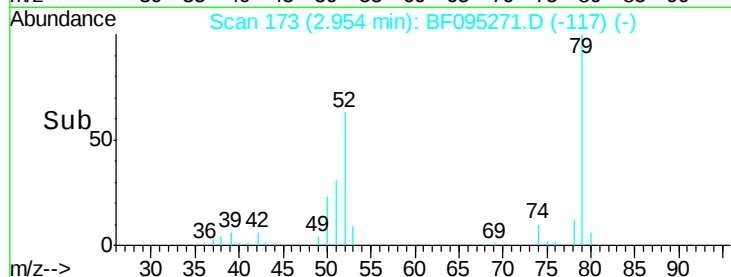
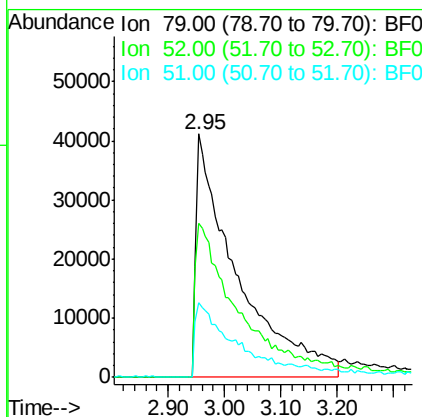
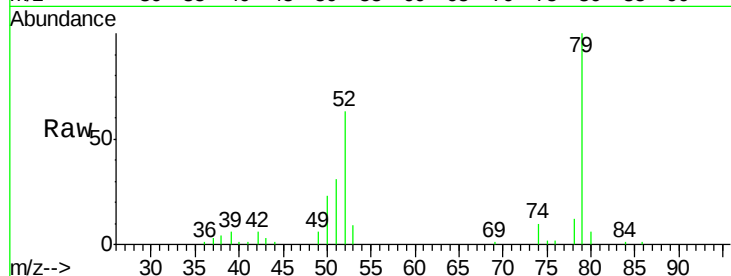
ClientSampleId :

E2-T8-BASEMS

Tgt Ion:	79	Resp:	206107
Ion Ratio	Lower	Upper	
79	100		
52	63.5	54.8	82.2
51	30.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 38.88 ng

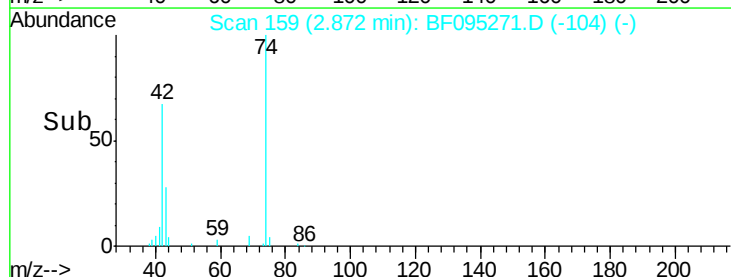
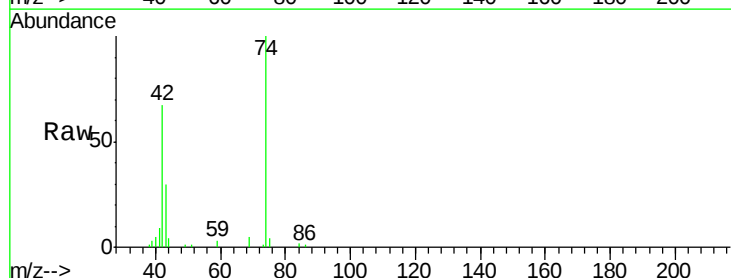
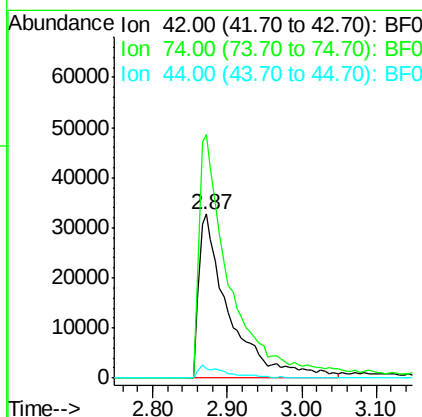
RT: 2.87 min Scan# 159

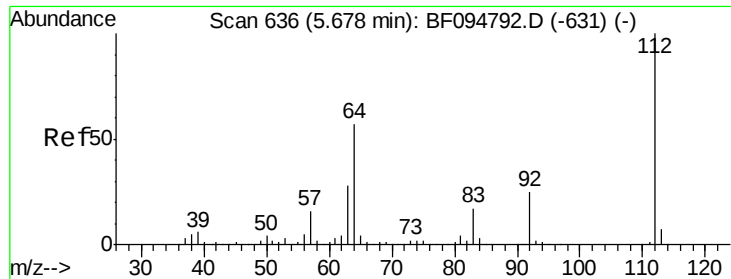
Delta R.T. 0.02 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Tgt Ion:	42	Resp:	93338
Ion Ratio	Lower	Upper	
42	100		
74	148.4	103.9	155.9
44	6.0	5.7	8.5





#5

2-Fluorophenol

Concen: 156.06 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

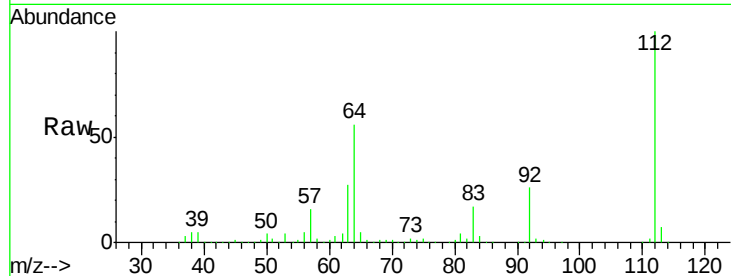
ClientSampleId :

E2-T8-BASEMS

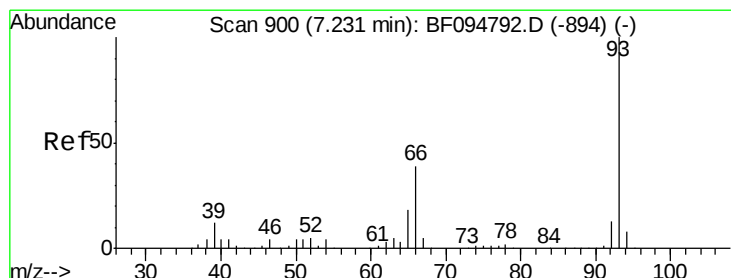
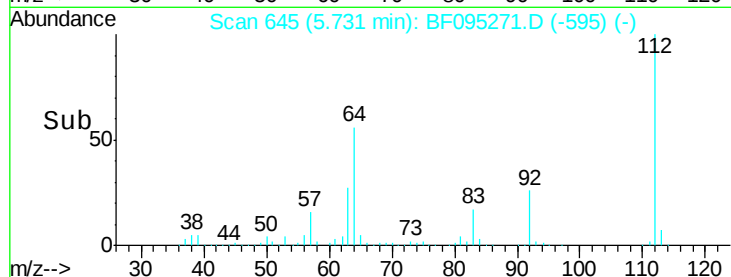
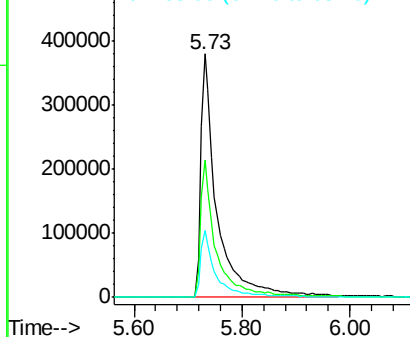
Tgt Ion:	112	Resp:	790822
Ion Ratio	Lower	Upper	
112	100		
64	56.2	46.0	69.0
63	27.5	23.4	35.0

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 48.53 ng

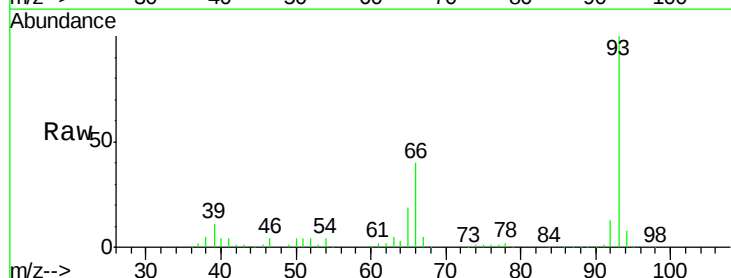
RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

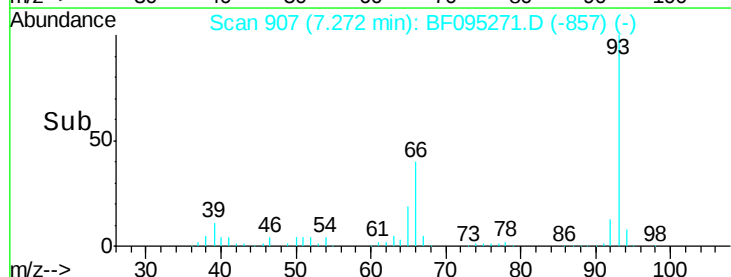
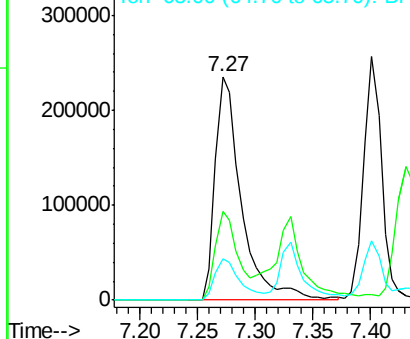
Lab File: BF095271.D

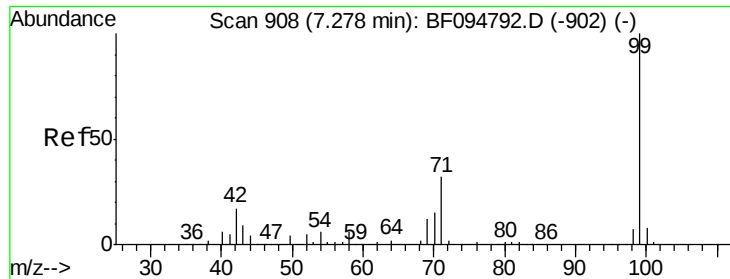
Acq: 19 May 2017 19:30

Tgt Ion:	93	Resp:	372464
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.9	49.3
65	18.6	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.60 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF095271.D

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Instrument :

BNA_F

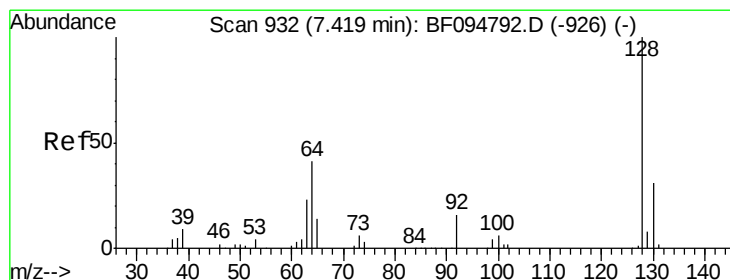
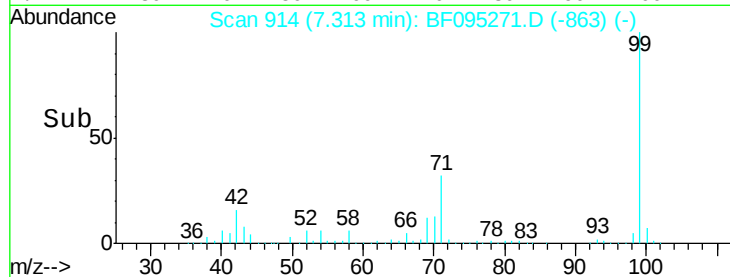
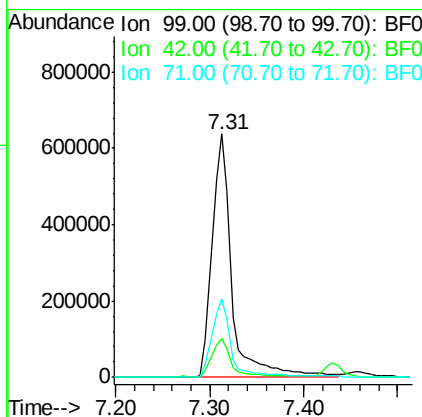
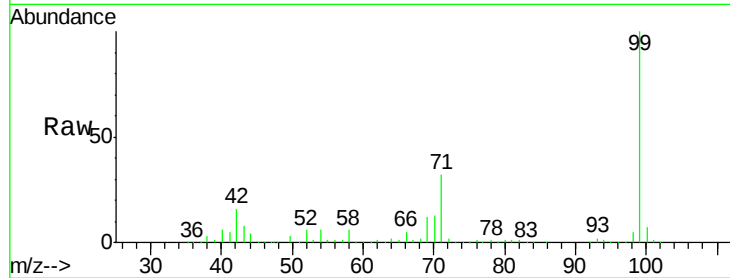
ClientSampleId :

E2-T8-BASEMS

Tgt Ion:	99	Resp:	952129
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	32.3	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 51.74 ng

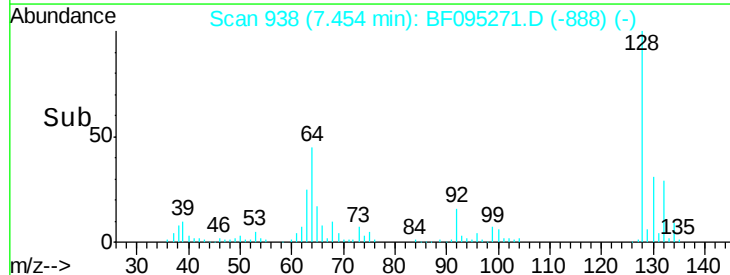
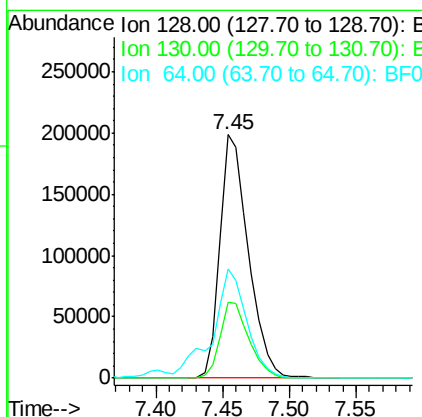
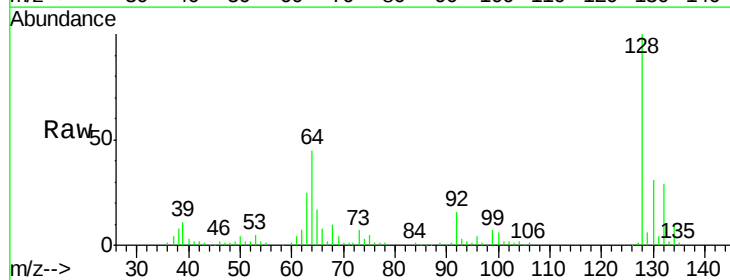
RT: 7.45 min Scan# 938

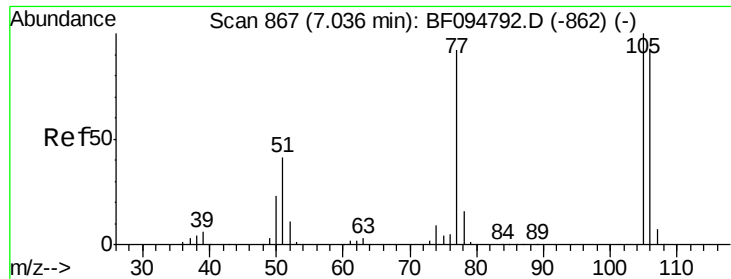
Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Tgt Ion:	128	Resp:	298432
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.9	52.9
64	44.8	28.4	68.4





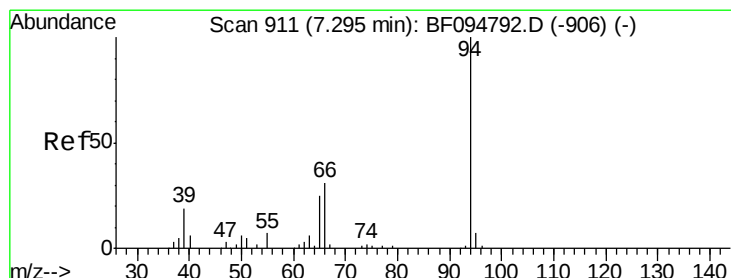
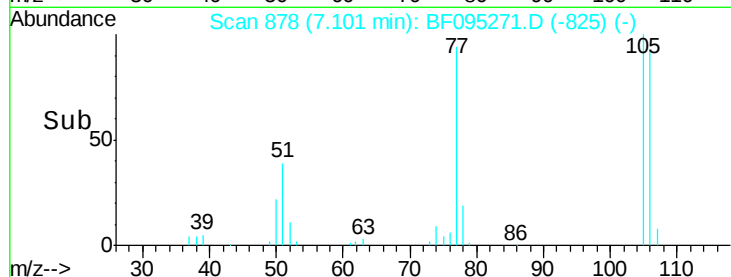
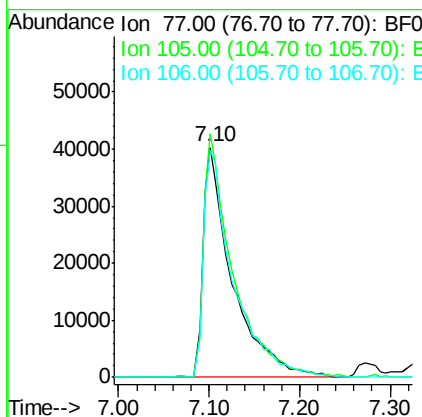
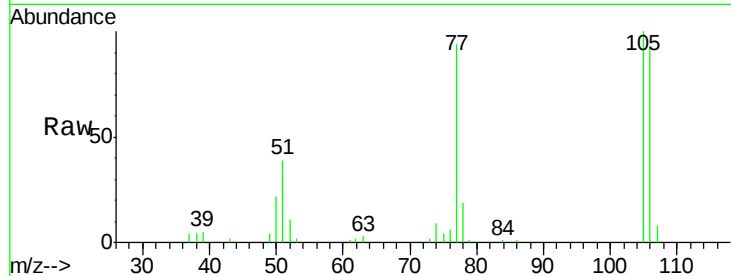
#9
Benzaldehyde
Concen: 24.37 ng
RT: 7.10 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

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Tgt Ion: 77 Resp: 90464
Ion Ratio Lower Upper
77 100
105 106.0 83.8 123.8
106 98.5 79.1 119.1

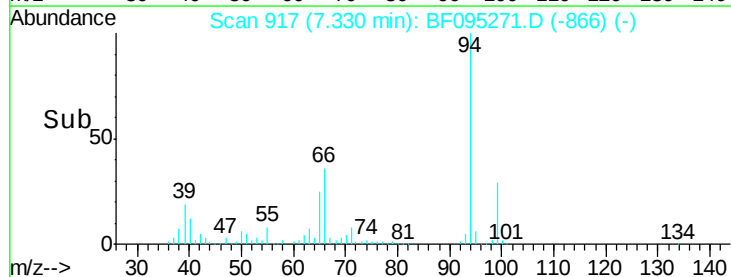
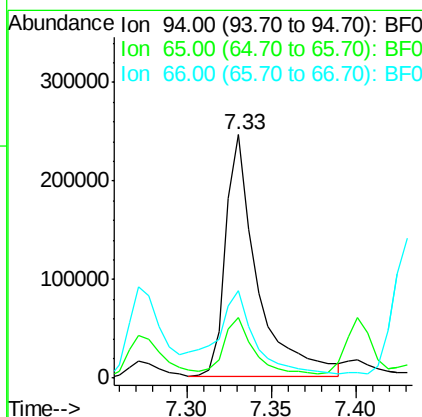
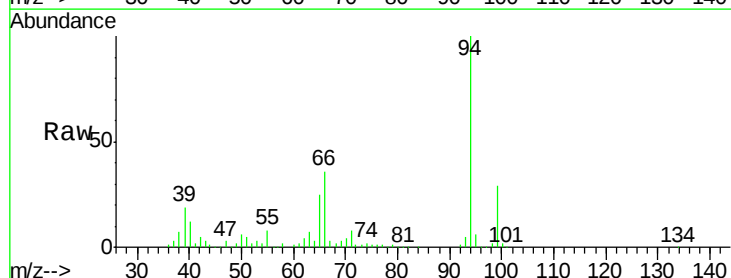
Manual Integrations
APPROVED

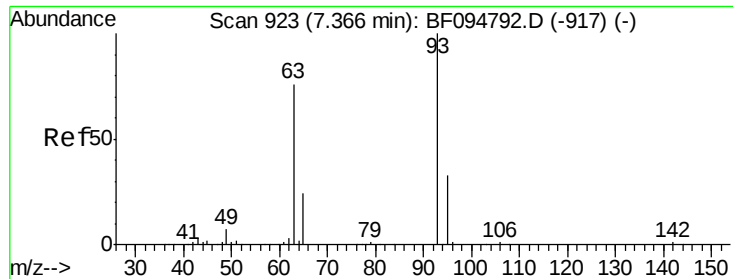
mohammad
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#10
Phenol
Concen: 49.92 ng
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion: 94 Resp: 319807
Ion Ratio Lower Upper
94 100
65 24.7 9.9 49.9
66 35.7 23.1 63.1





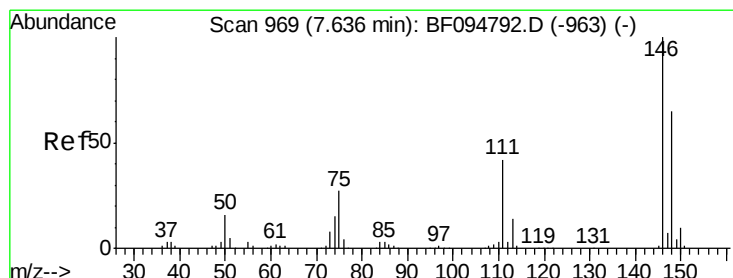
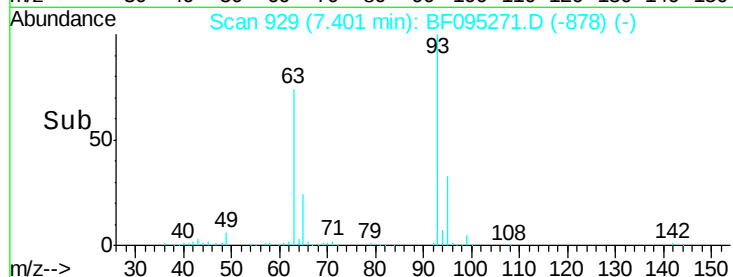
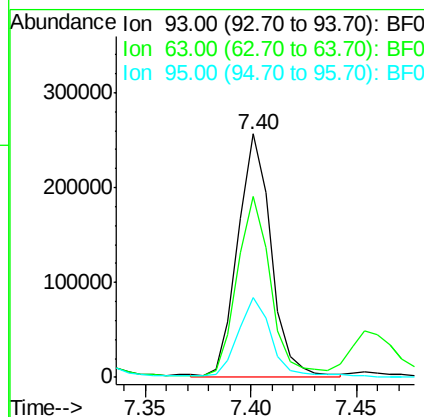
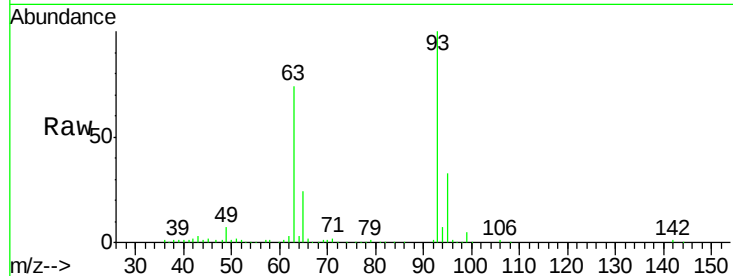
#11
bis(2-Chloroethyl)ether
Concen: 53.18 ng
RT: 7.40 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	281268		
63	74.2	59.2	99.2	
95	32.7	12.8	52.8	

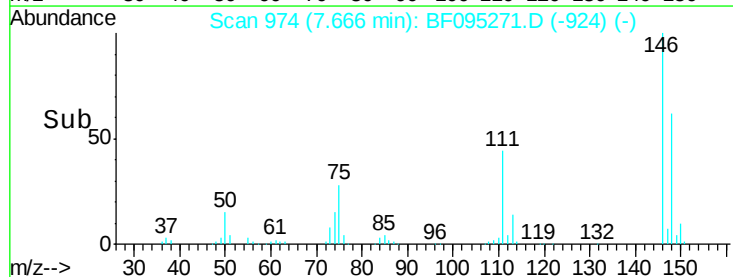
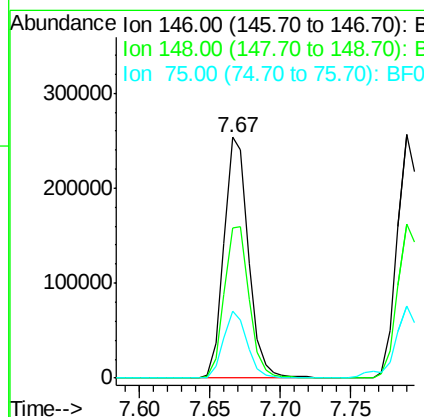
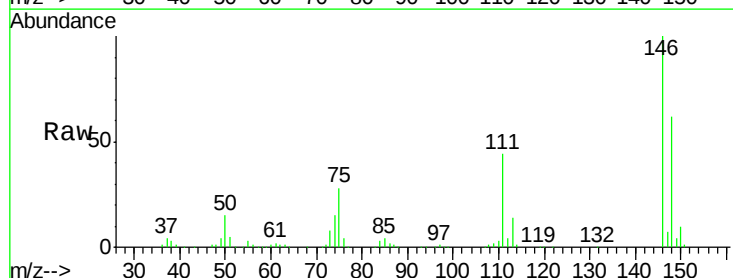
Manual Integrations
APPROVED

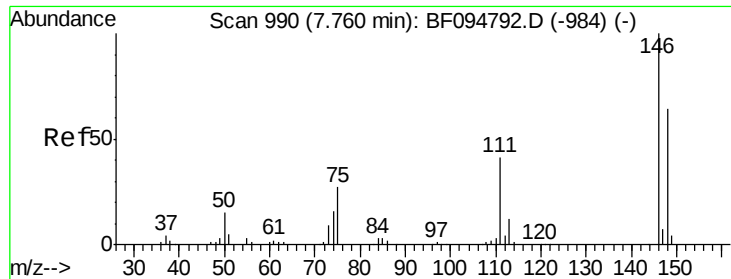
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.68 ng
RT: 7.67 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305436		
148	62.4	51.8	77.6	
75	27.9	23.1	34.7	





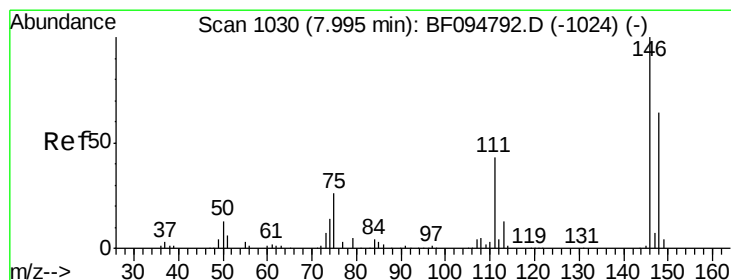
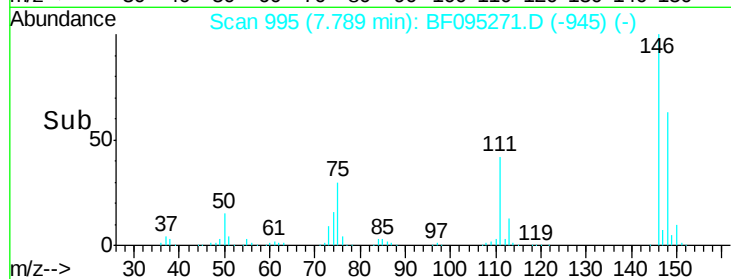
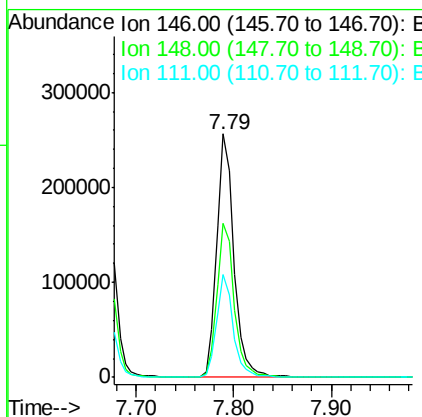
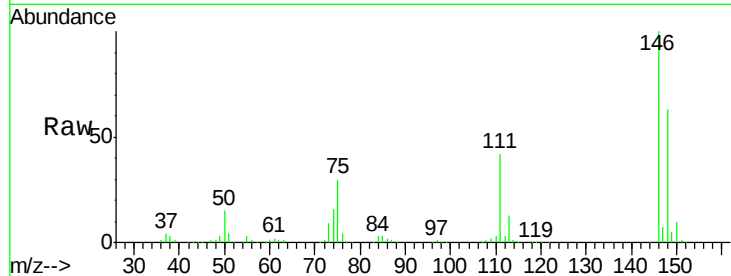
#13
 1,4-Dichlorobenzene
 Concen: 47.50 ng
 RT: 7.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	42.1	30.3	45.5

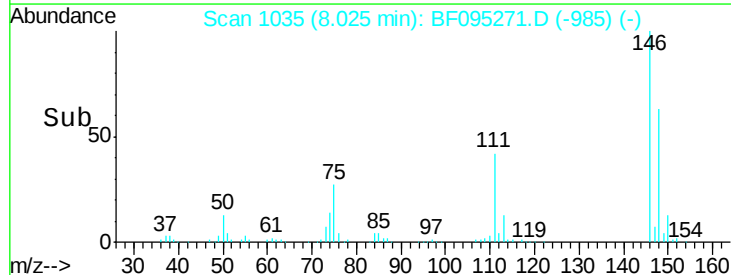
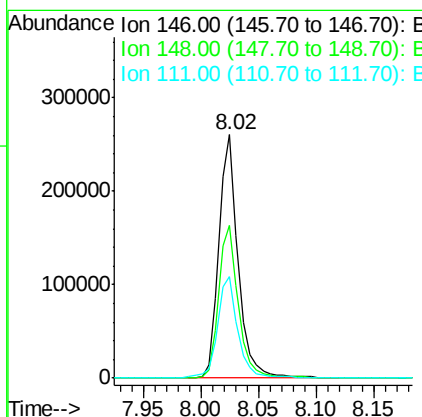
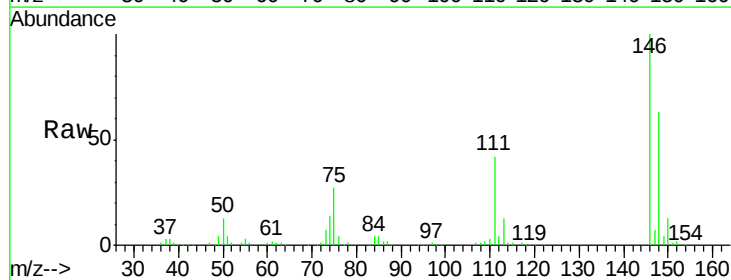
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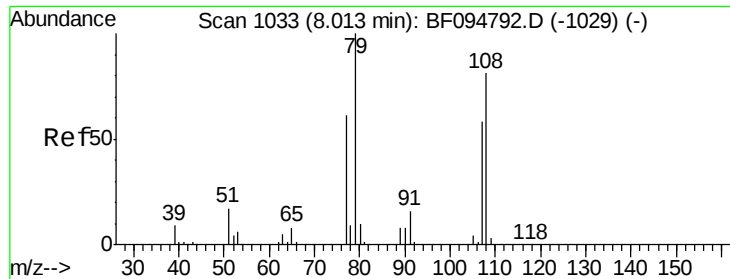
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#14
 1,2-Dichlorobenzene
 Concen: 48.80 ng
 RT: 8.02 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.4	75.6
111	41.5	38.2	57.4





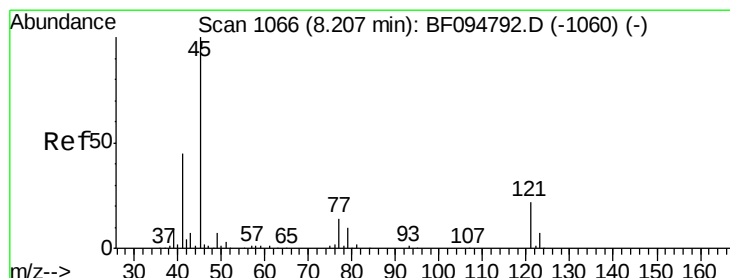
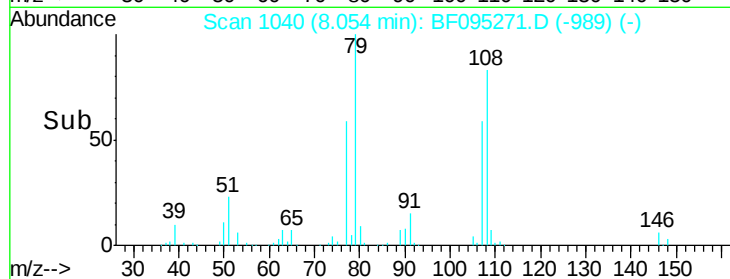
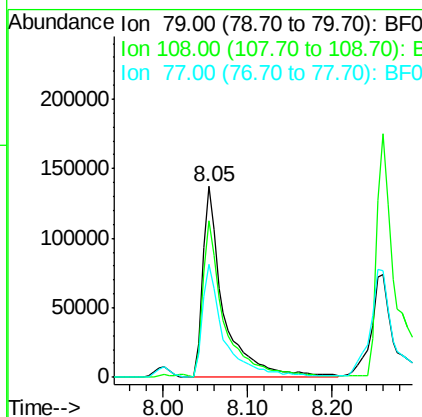
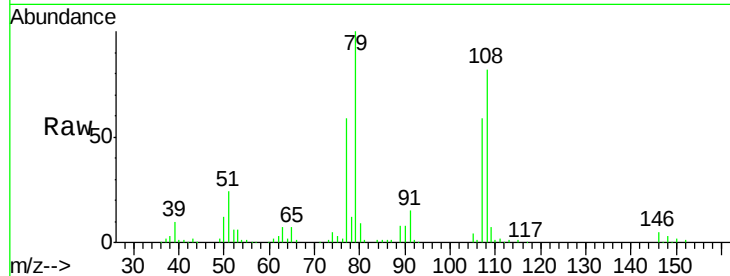
#15
Benzyl Alcohol
Concen: 60.54 ng
RT: 8.05 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	236734		
108	82.1	63.4	95.0	
77	59.4	49.2	73.8	

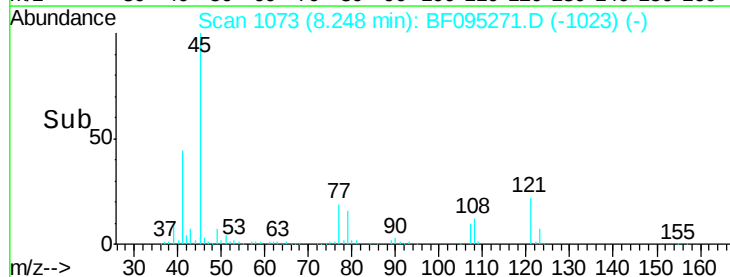
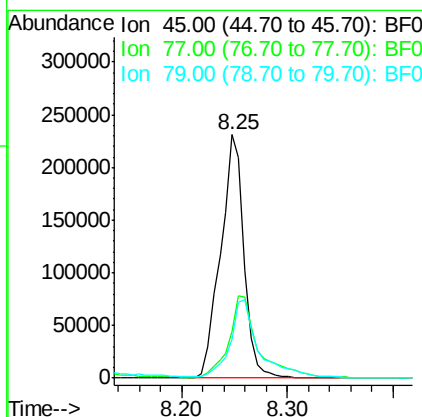
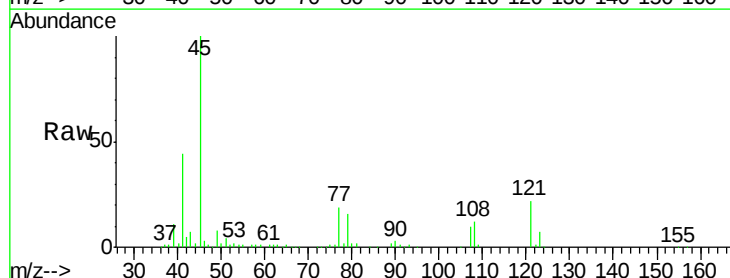
Manual Integrations
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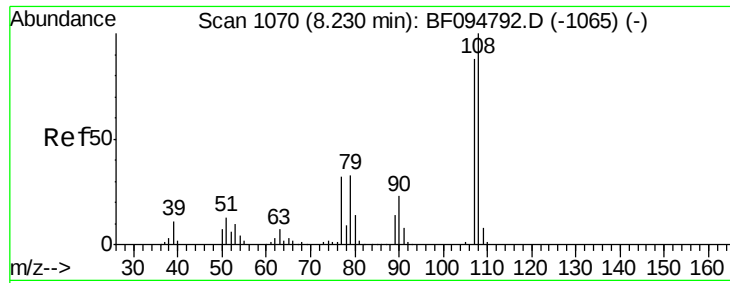
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.24 ng
RT: 8.25 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	353667		
77	19.3	0.0	33.2	
79	15.9	0.0	30.0	





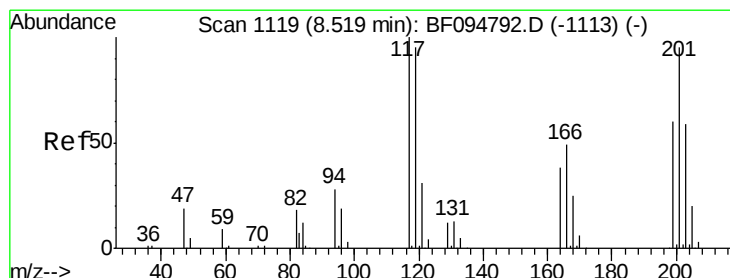
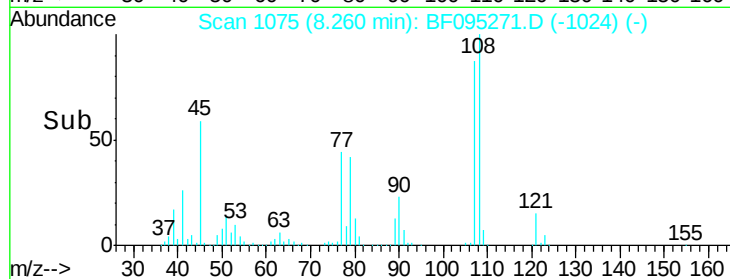
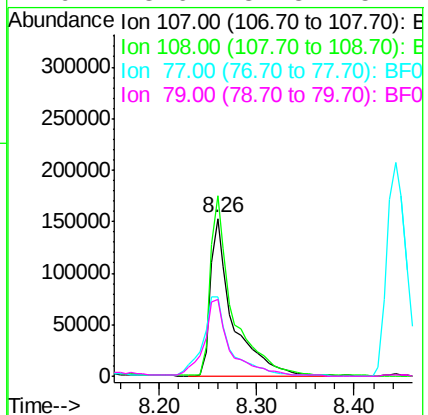
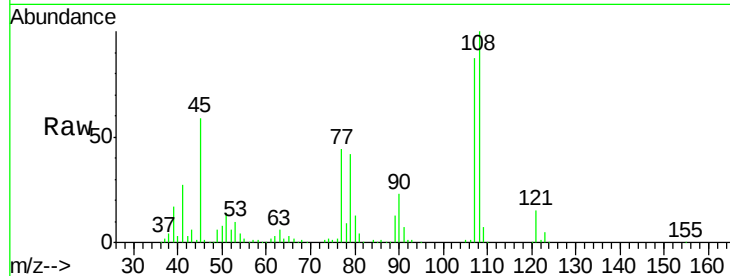
#17
2-Methylphenol
Concen: 50.81 ng
RT: 8.26 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	239814		
108	114.5	93.4	140.0	
77	50.1	35.8	53.6	
79	48.6	34.8	52.2	

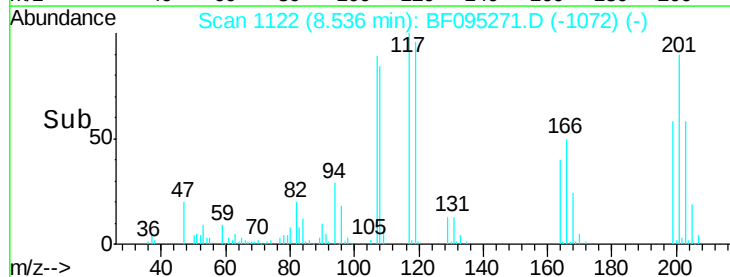
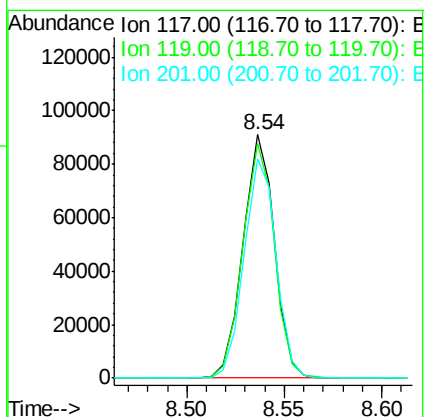
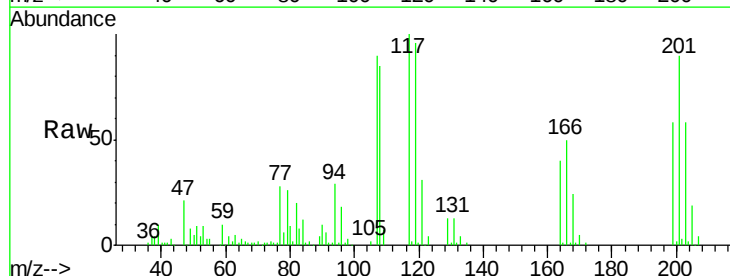
Manual Integrations
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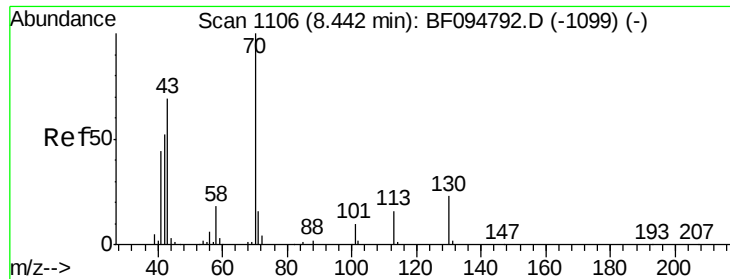
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#18
Hexachloroethane
Concen: 45.08 ng
RT: 8.54 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101315		
119	96.4	77.4	116.0	
201	89.9	94.6	141.8#	





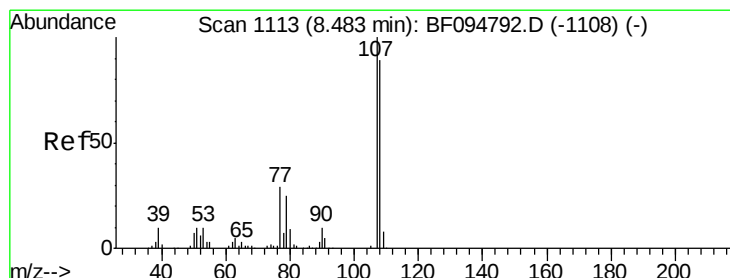
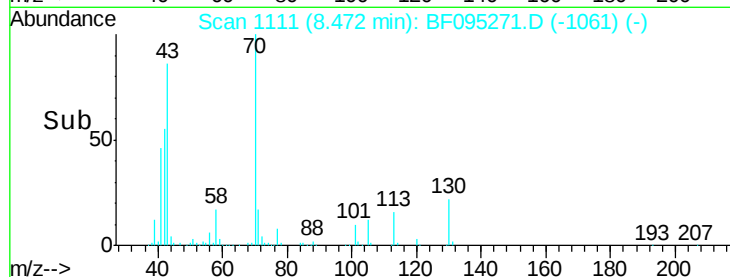
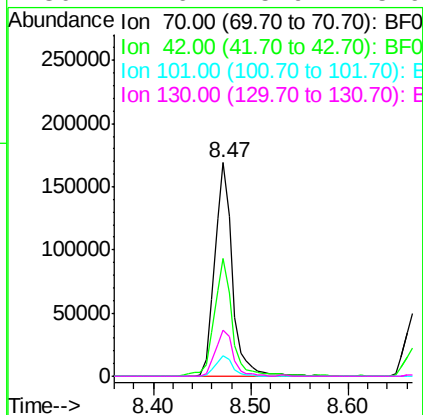
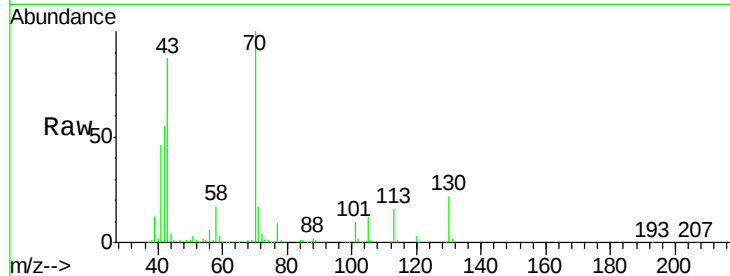
#19
n-Nitroso-di-n-propylamine
Concen: 51.33 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.2	70.8
101	9.6	7.2	10.8
130	21.6	15.9	23.9

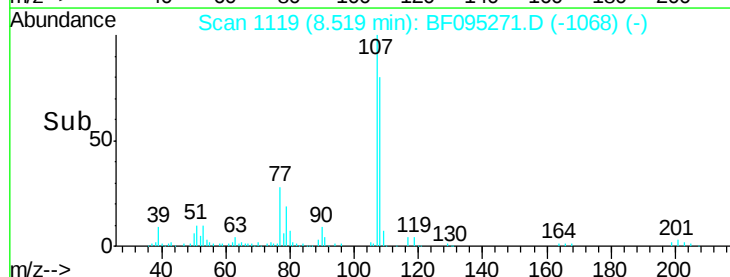
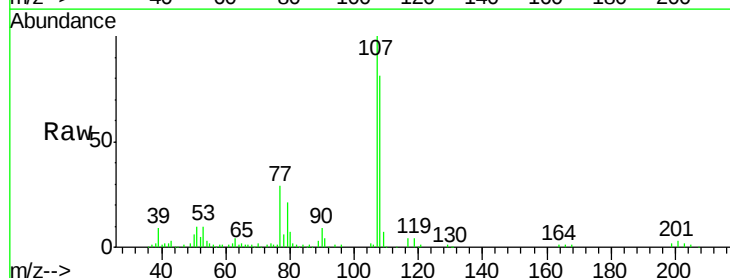
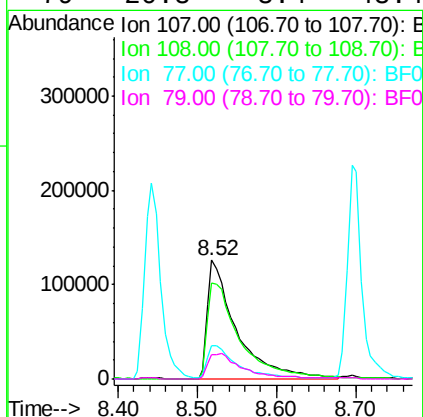
Manual Integrations
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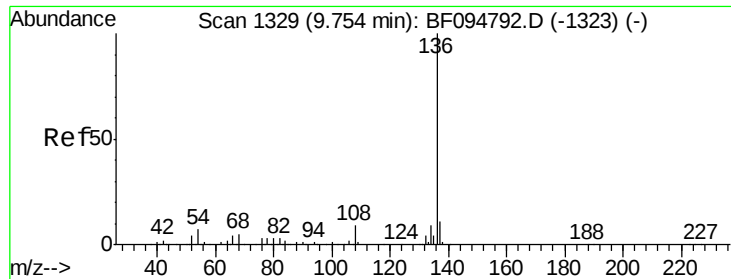
mohammad
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#20
3+4-Methylphenols
Concen: 50.46 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.2	71.0	111.0
77	28.5	90.5	130.5#
79	20.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

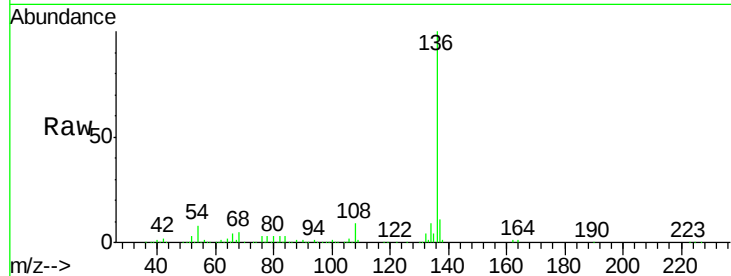
ClientSampleId :

E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	344959		
137	11.1	8.5	12.7	
54	7.7	4.9	7.3	
68	5.5	4.1	6.1	

Manual Integrations
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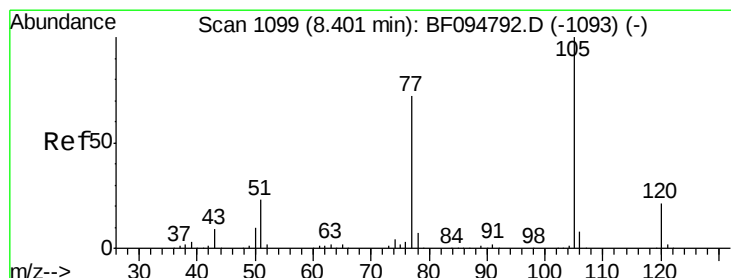
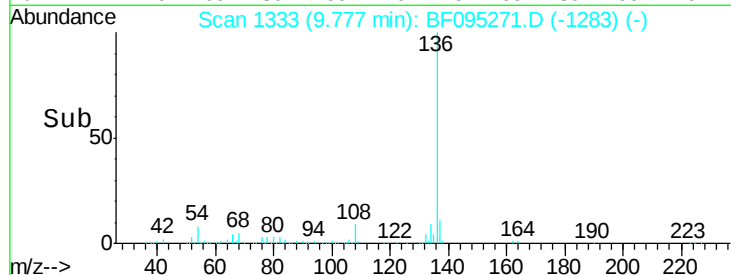
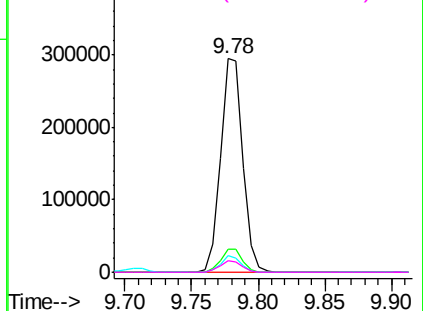


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.65 ng

RT: 8.44 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

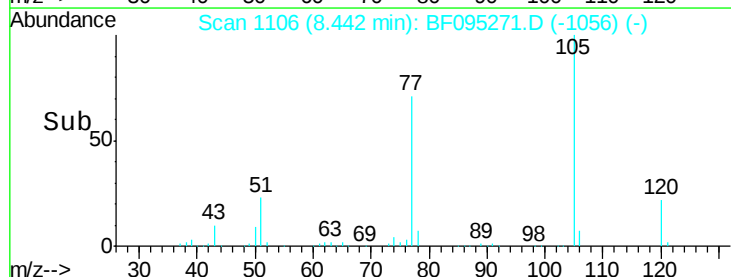
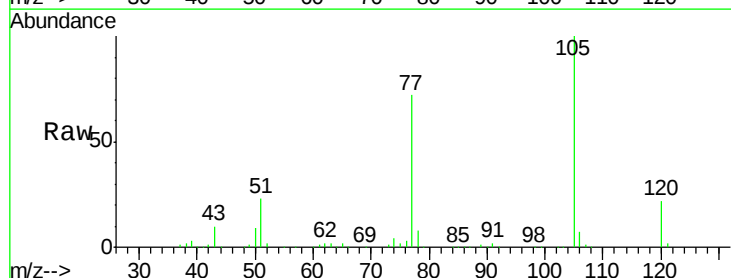
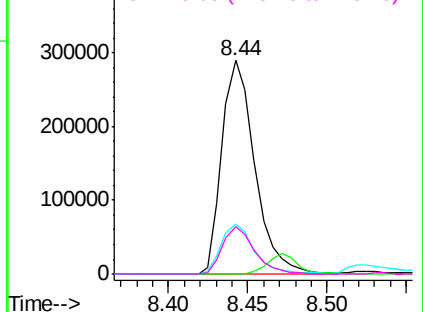
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	419207		
71	0.0	2.8	4.2	
51	23.3	30.7	46.1	
120	22.1	17.4	26.0	

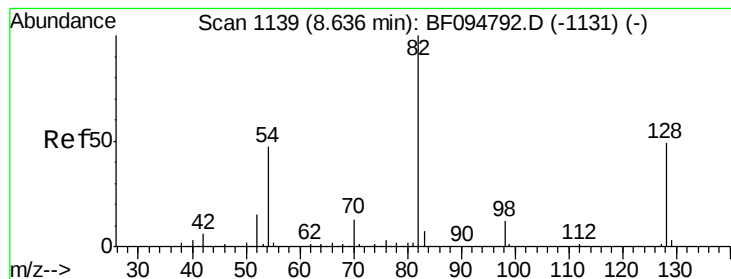
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 104.34 ng

RT: 8.67 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

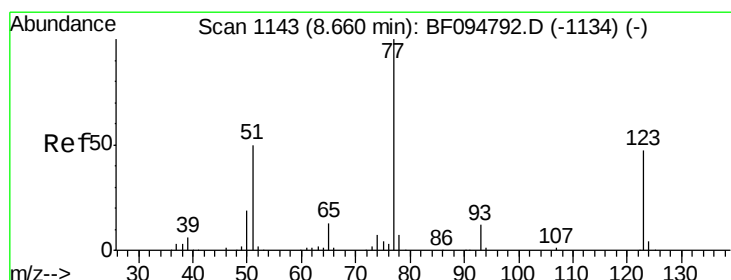
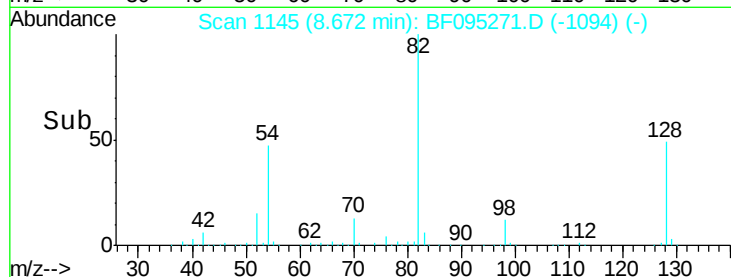
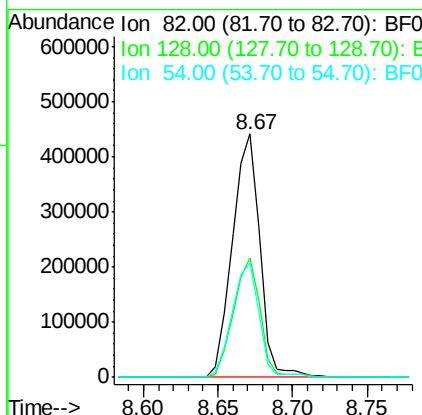
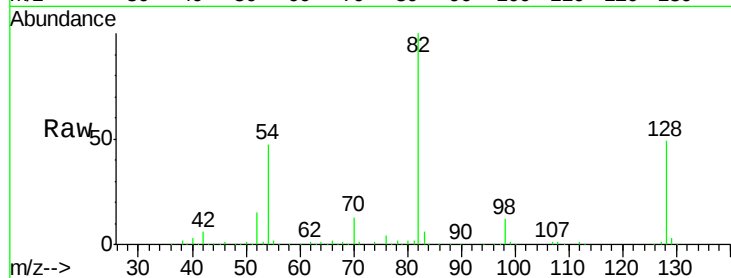
ClientSampleId :

E2-T8-BASEMS

Tgt Ion:	82	Resp:	570806
Ion Ratio	Lower	Upper	
82	100		
128	49.1	34.0	51.0
54	46.9	42.2	63.2

Manual Integrations
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#24

Nitrobenzene

Concen: 50.27 ng

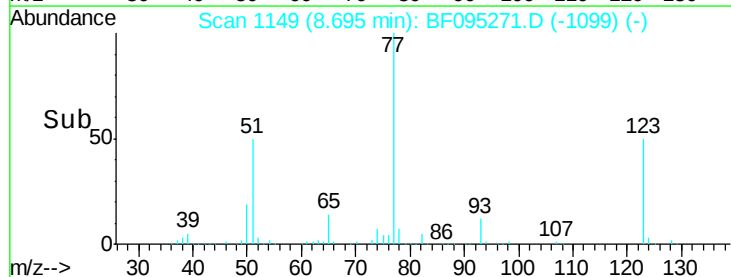
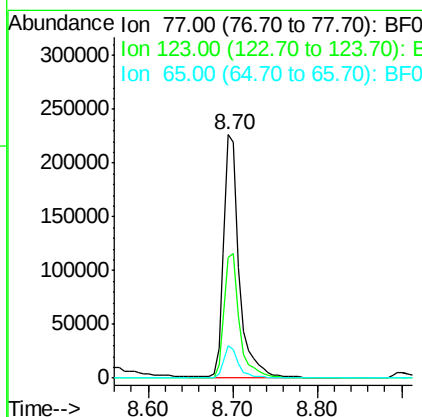
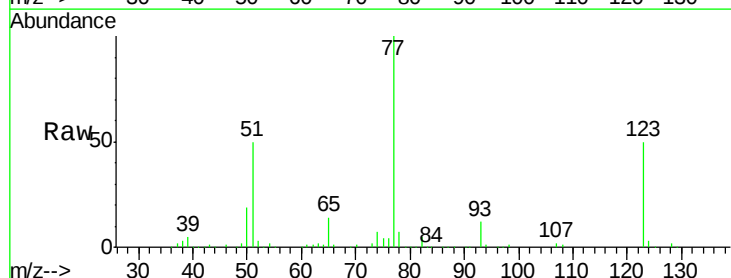
RT: 8.70 min Scan# 1149

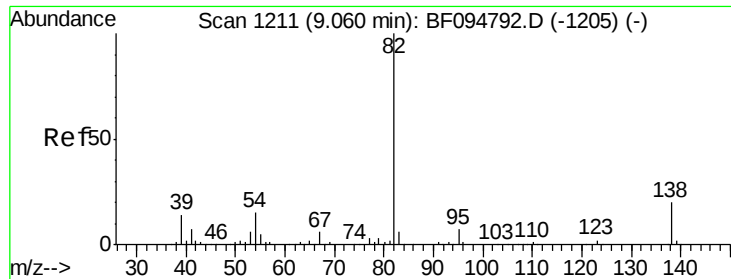
Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Tgt Ion:	77	Resp:	288234
Ion Ratio	Lower	Upper	
77	100		
123	49.6	35.8	53.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 56.16 ng

RT: 9.10 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

E2-T8-BASEMS

Tgt Ion: 82 Resp: 548608

Ion Ratio Lower Upper

82 100

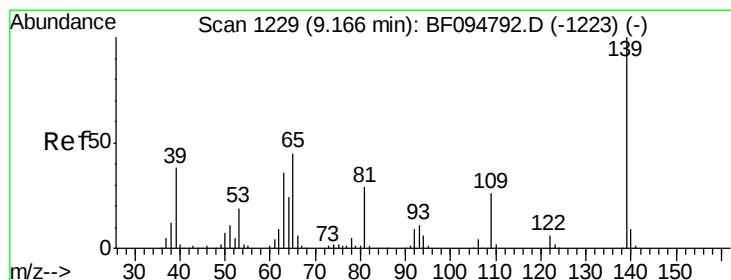
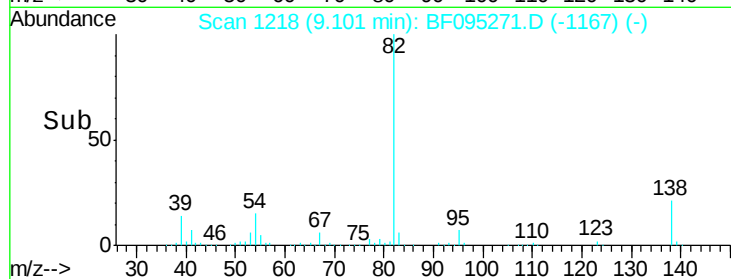
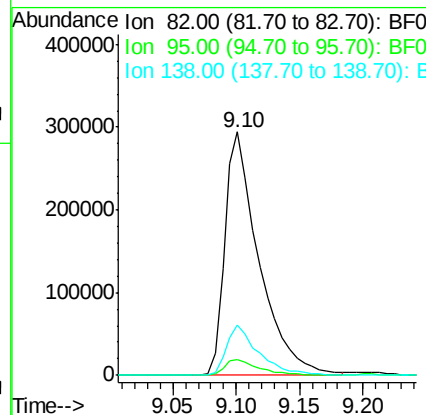
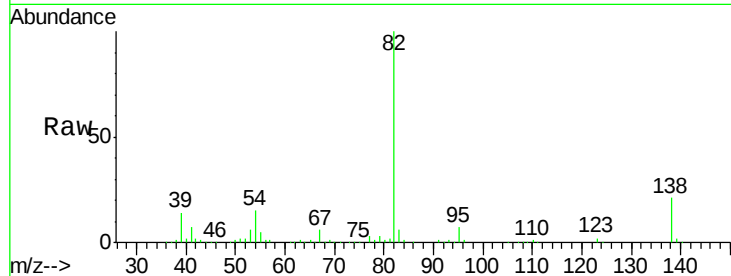
95 6.5 5.3 7.9

138 20.6 13.1 19.7#

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#26

2-Nitrophenol

Concen: 54.49 ng

RT: 9.20 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

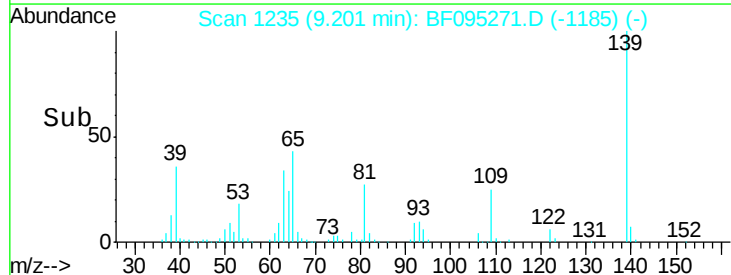
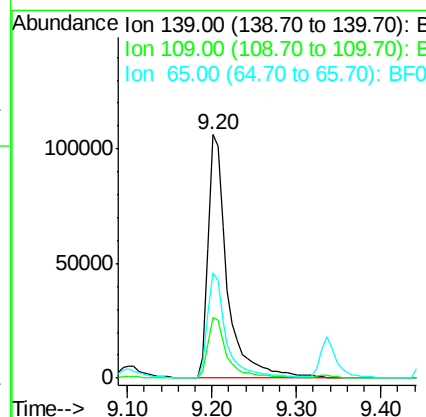
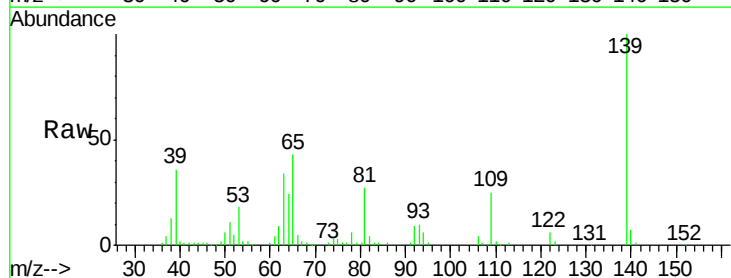
Tgt Ion: 139 Resp: 168591

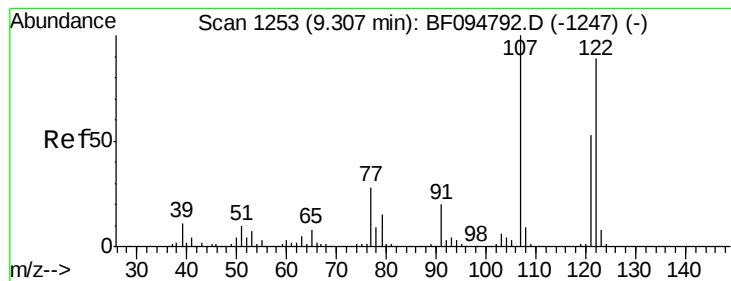
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 43.4 33.0 49.6





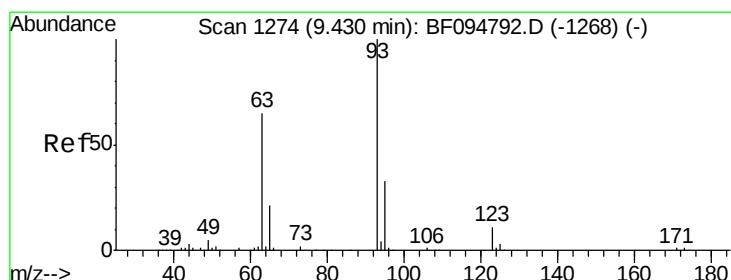
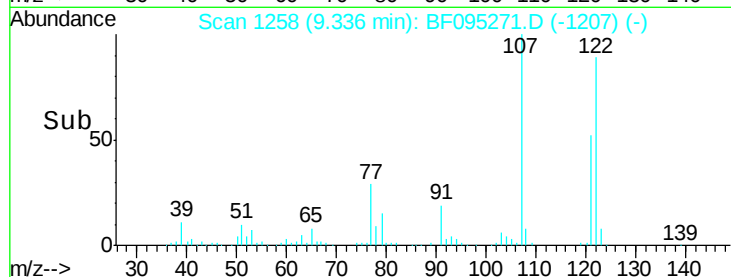
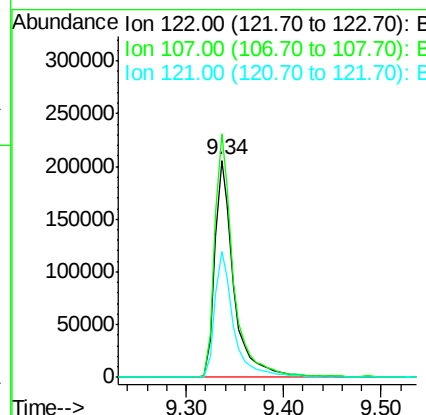
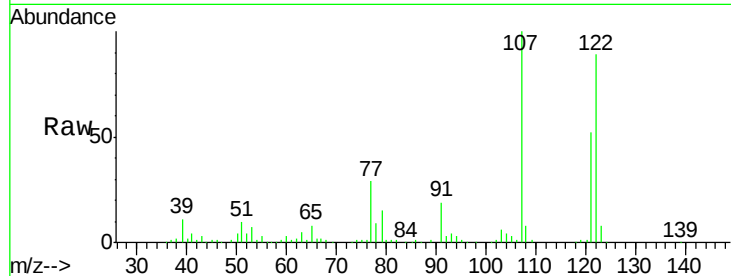
#27
2,4-Dimethylphenol
Concen: 55.21 ng
RT: 9.34 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	276164		
107	112.3	89.2	133.8	
121	58.1	45.2	67.8	

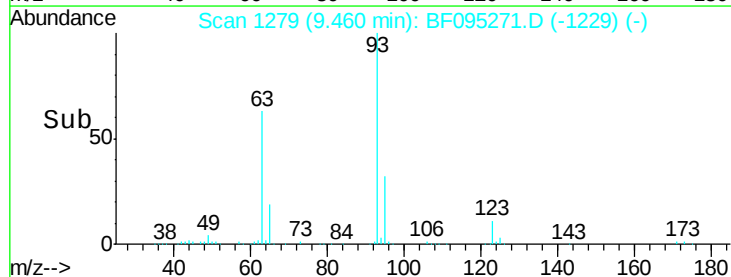
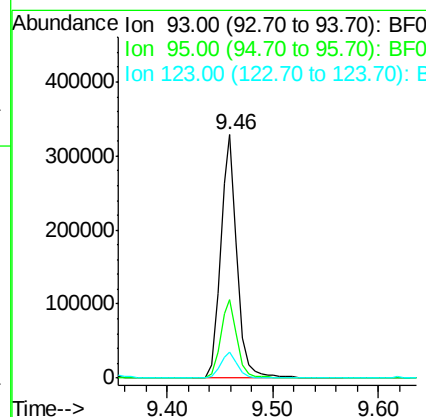
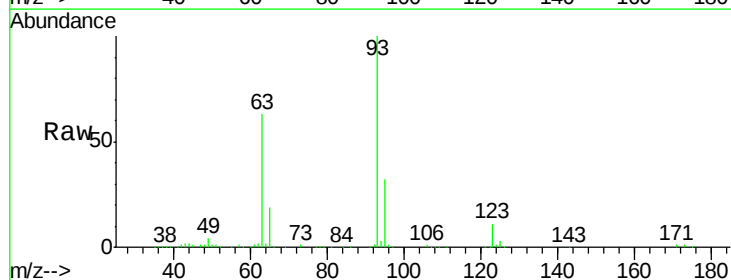
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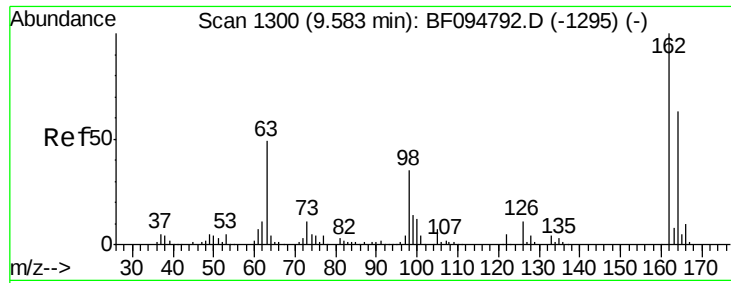
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#28
bis(2-Chloroethoxy)methane
Concen: 52.90 ng
RT: 9.46 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	357487		
95	32.3	26.5	39.7	
123	10.9	9.0	13.4	





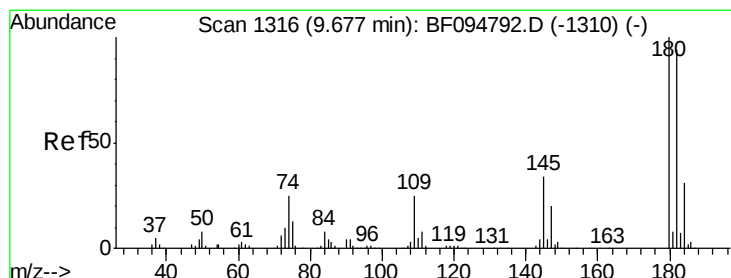
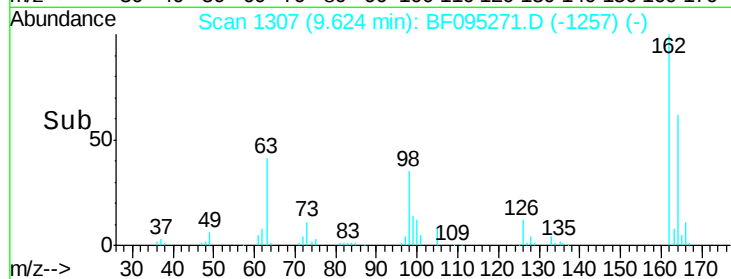
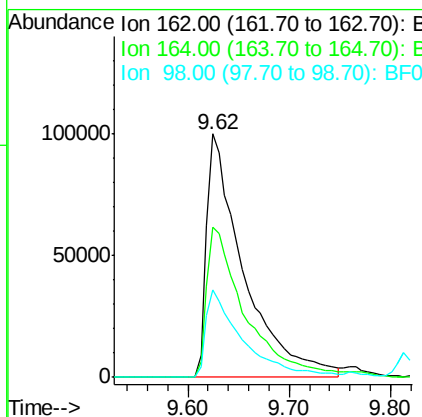
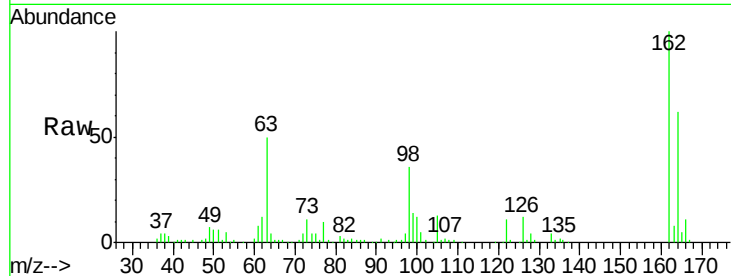
#29
 2,4-Dichlorophenol
 Concen: 53.43 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BAEMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.7	44.6	84.6
98	35.7	14.8	54.8

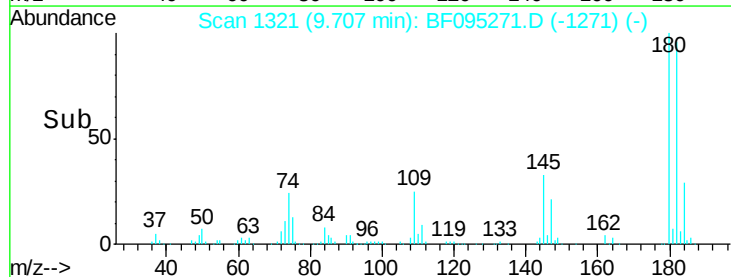
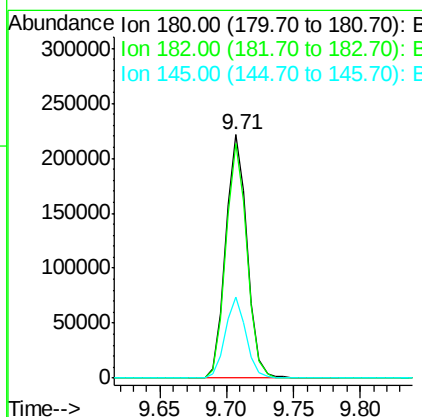
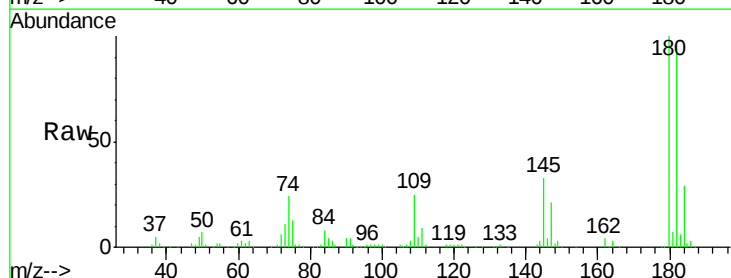
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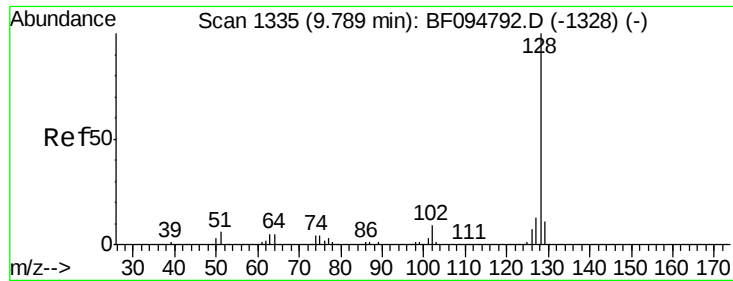
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.60 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	75.8	113.6
145	33.1	25.3	37.9





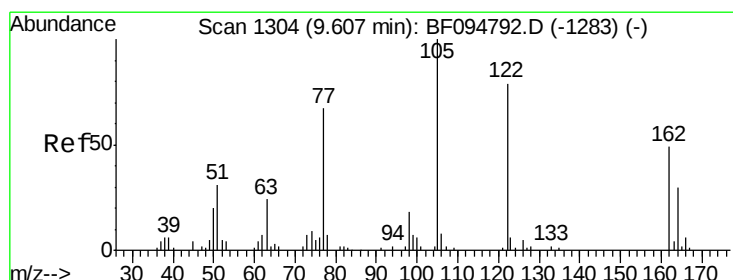
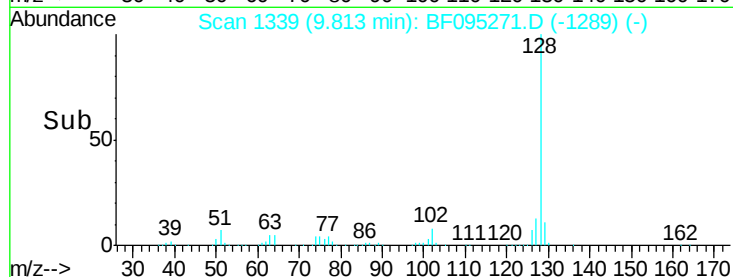
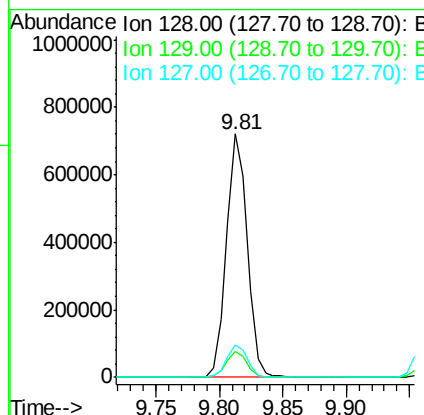
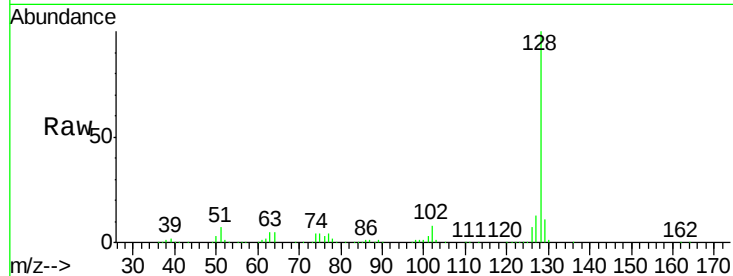
#31
Naphthalene
Concen: 47.22 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	818609		
129	10.9	9.0	13.6	
127	13.4	10.8	16.2	

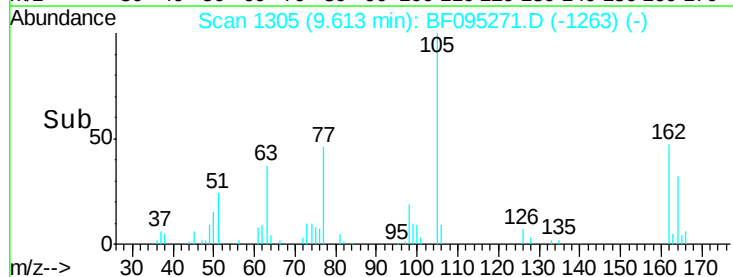
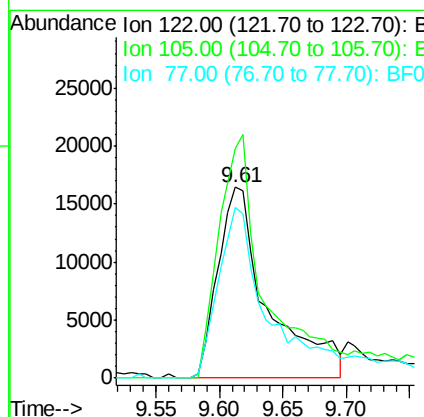
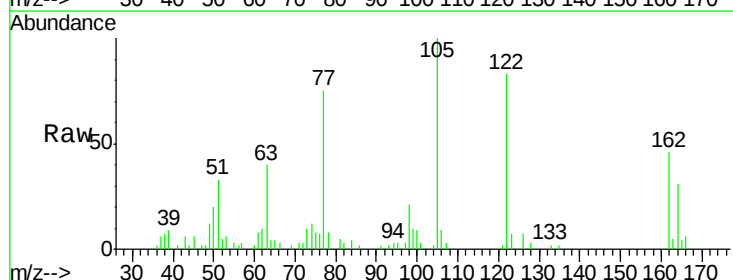
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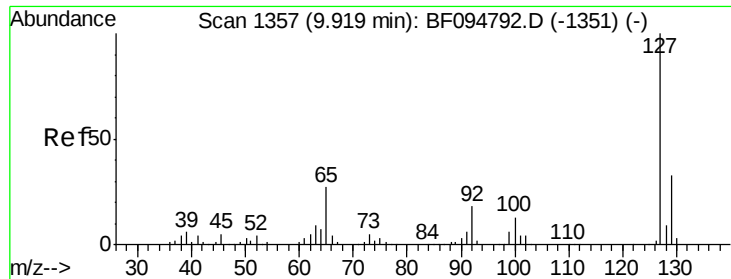
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#32
Benzoic acid
Concen: 17.39 ng
RT: 9.61 min Scan# 1305
Delta R.T. -0.05 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45226		
105	119.9	103.3	143.3	
77	89.5	73.7	113.7	





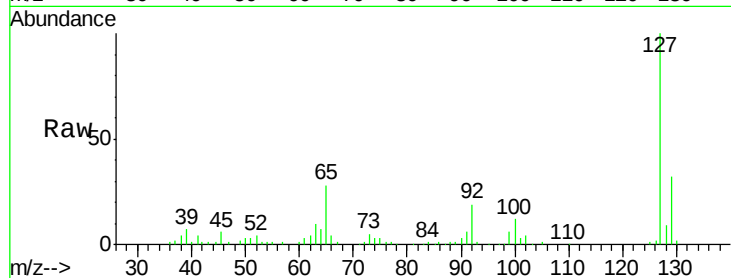
#33
4-Chloroaniline
Concen: 35.14 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

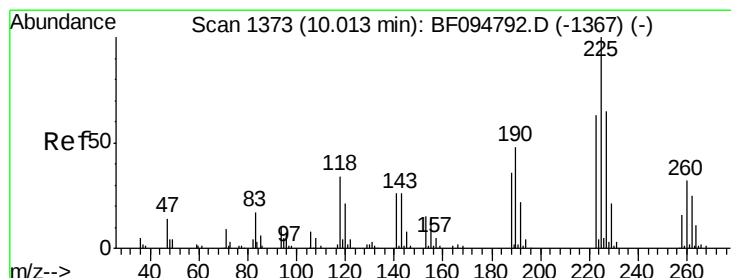
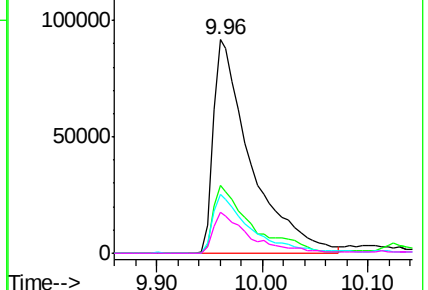
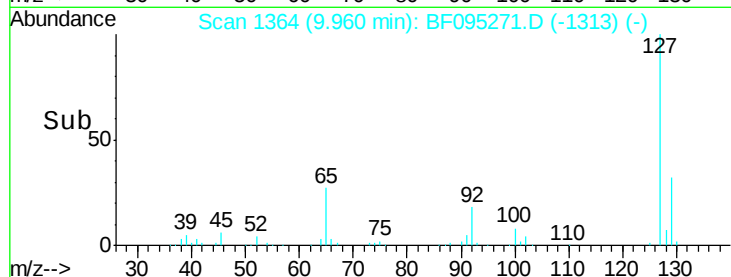
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.5	26.2	39.2
65	27.9	27.8	41.8
92	19.1	16.8	25.2

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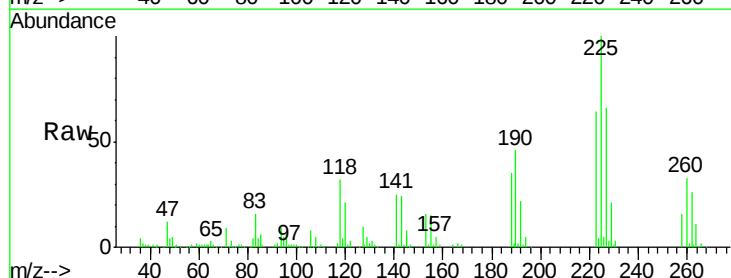


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

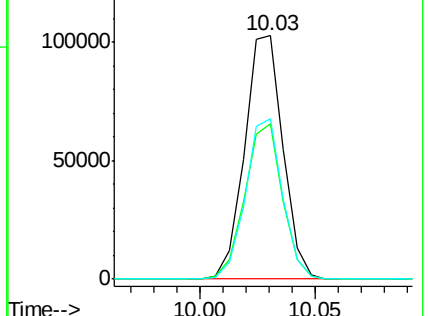
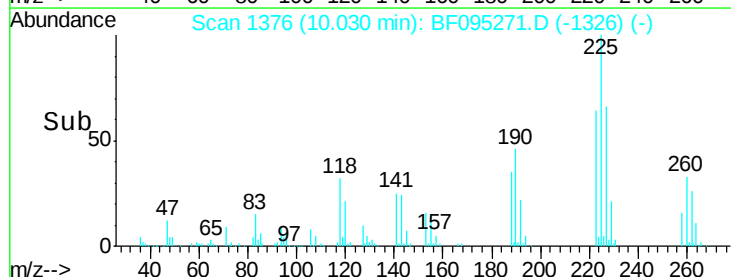


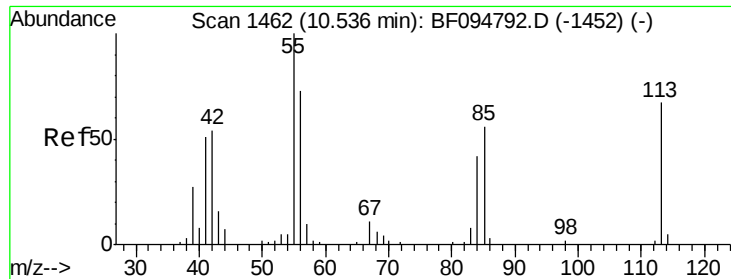
#34
Hexachlorobutadiene
Concen: 44.58 ng
RT: 10.03 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.0	48.8	73.2
227	65.6	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.03 ng m

RT: 10.60 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

E2-T8-BASEMS

Tgt Ion:113 Resp: 70958

Ion Ratio Lower Upper

113 100

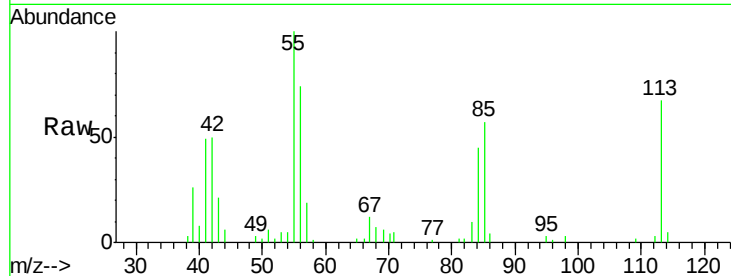
55 148.8 150.2 190.2#

56 110.2 107.8 147.8

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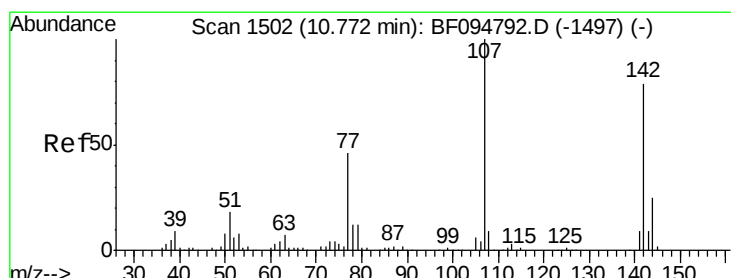
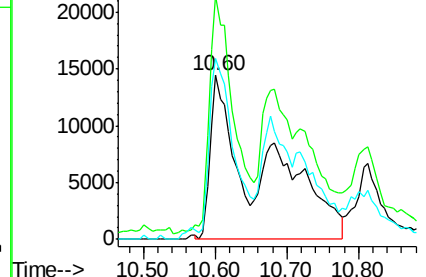
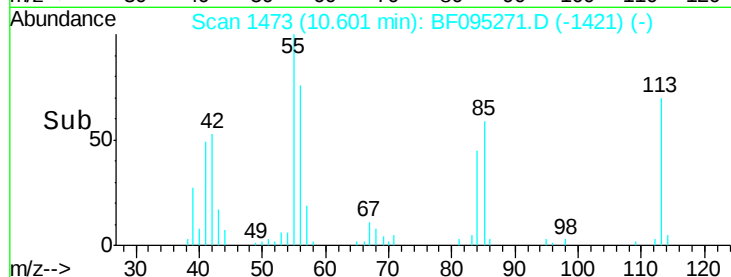
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.76 ng

RT: 10.81 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

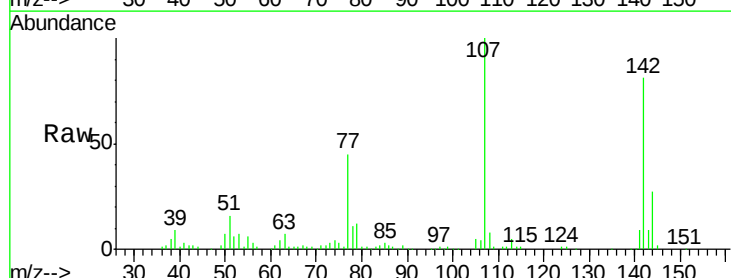
Tgt Ion:107 Resp: 266440

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

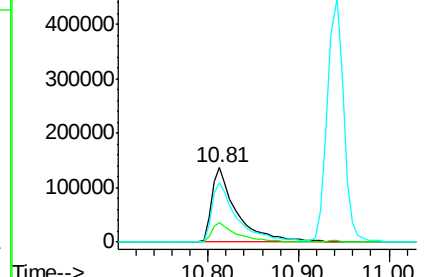
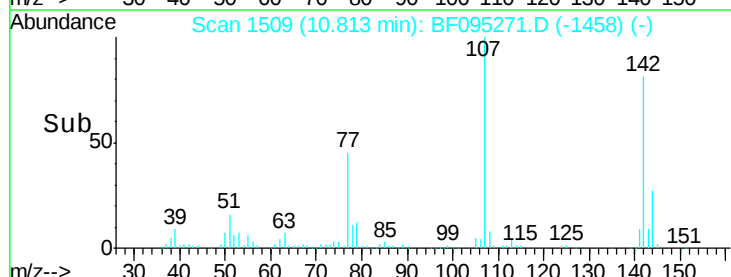
142 80.8 73.4 110.0

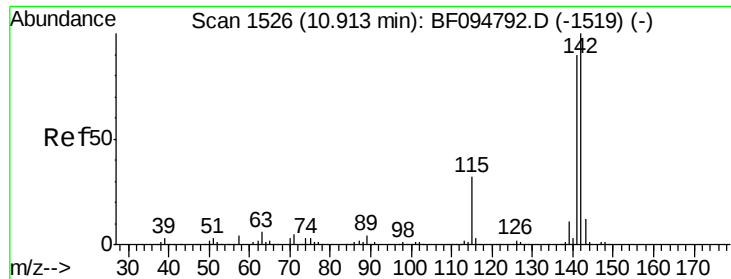


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





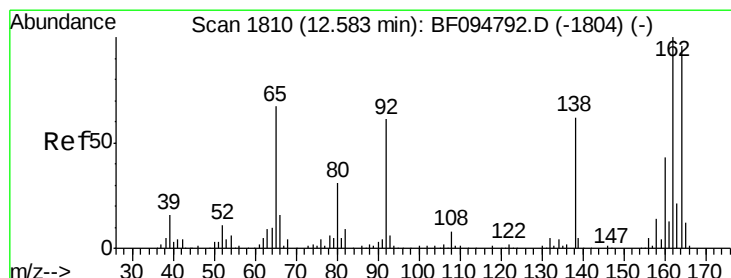
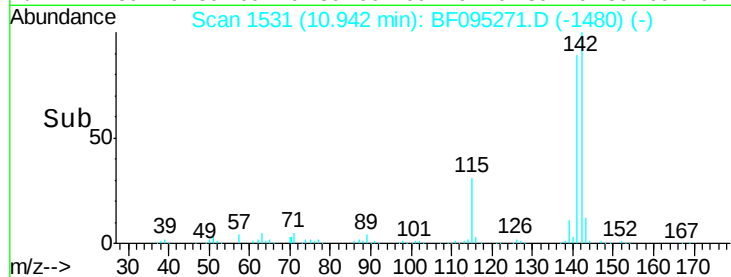
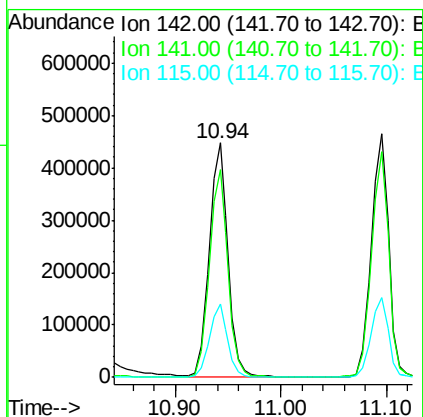
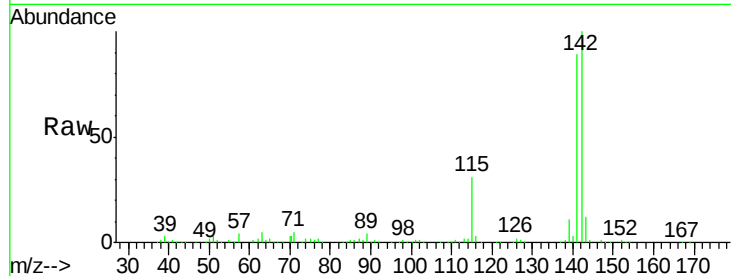
#37
2-Methylnaphthalene
Concen: 48.98 ng
RT: 10.94 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	31.2	27.1	40.7

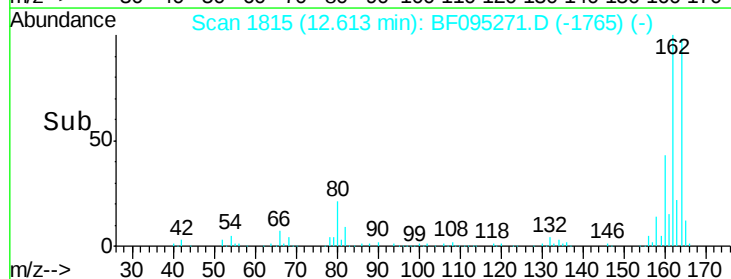
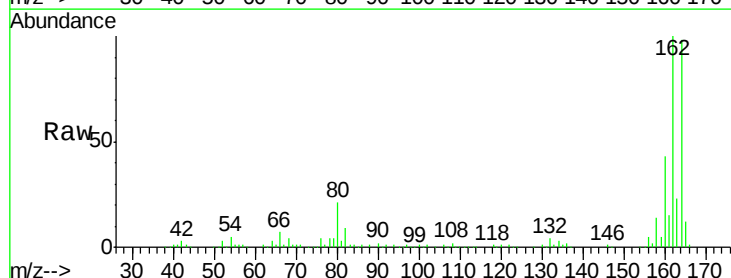
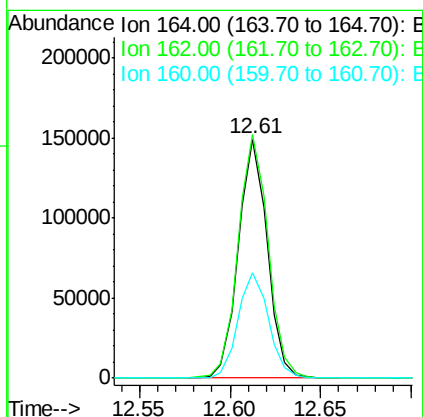
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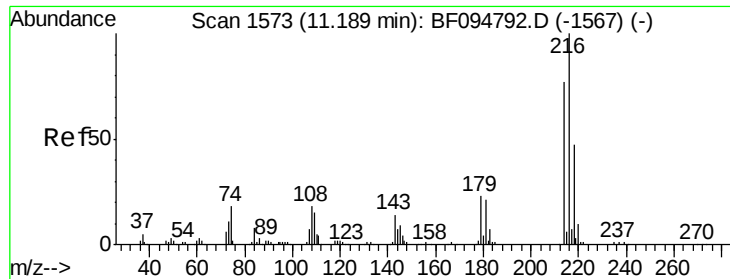
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.2	36.2	54.2





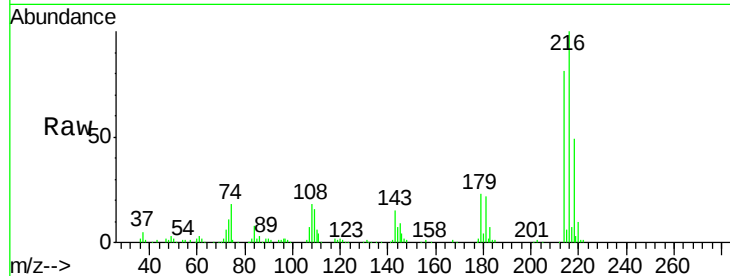
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.97 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

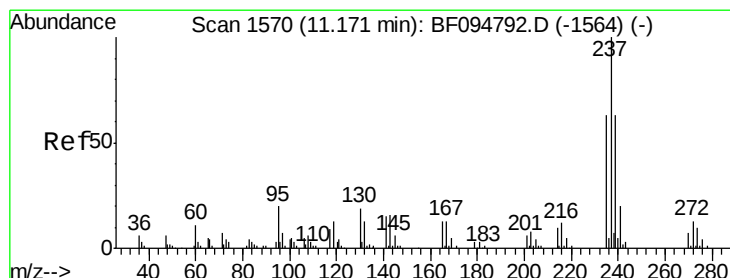
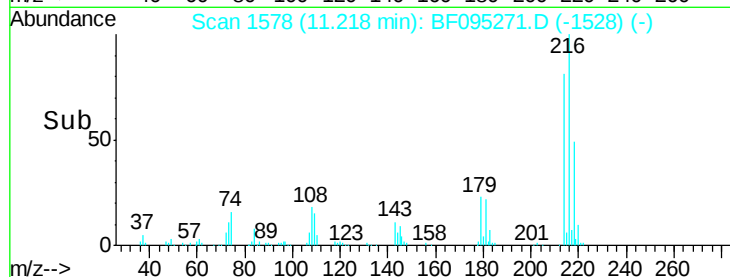
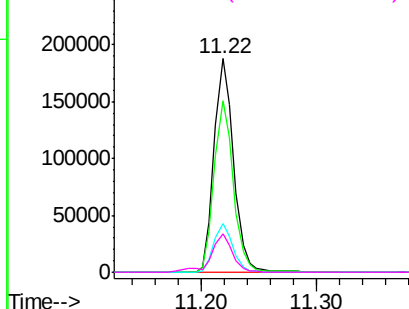
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	222580		
214	79.0	63.4	95.2	
179	22.2	17.9	26.9	
108	19.5	16.5	24.7	

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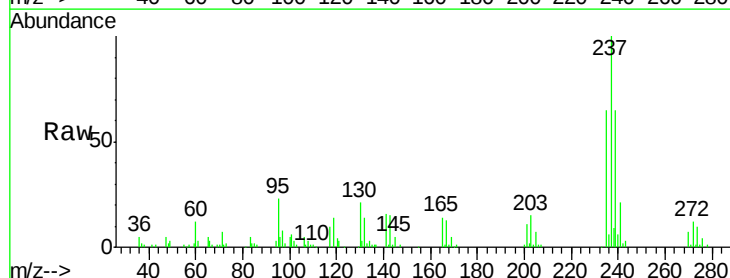


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

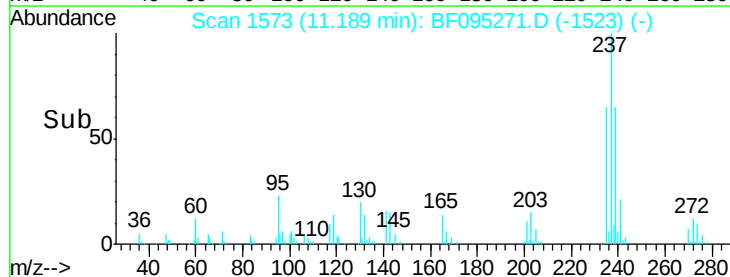
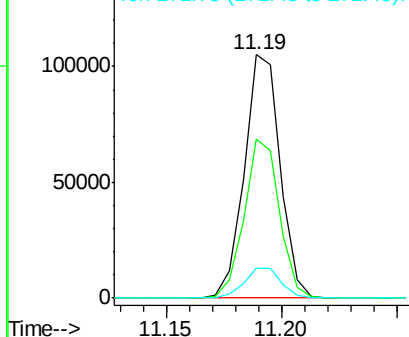


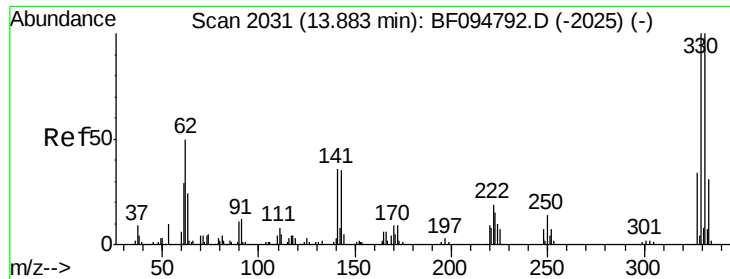
#40
 Hexachlorocyclopentadiene
 Concen: 55.51 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	113845		
235	65.1	42.6	82.6	
272	12.0	0.0	31.9	



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





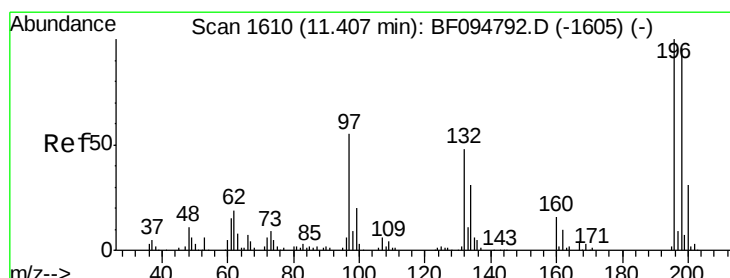
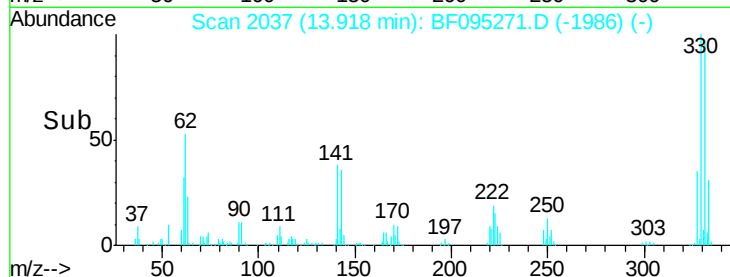
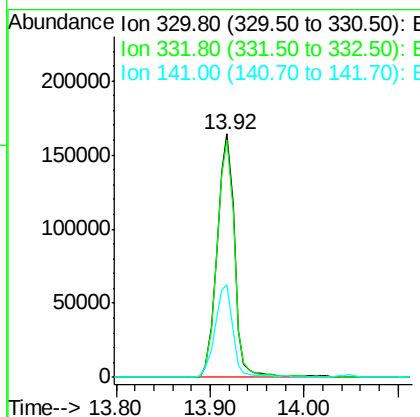
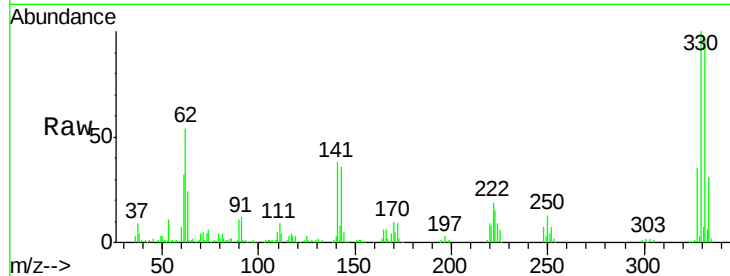
#41
 2,4,6-Tribromophenol
 Concen: 159.63 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	215176		
332	97.5	76.6	115.0	
141	38.8	31.4	47.2	

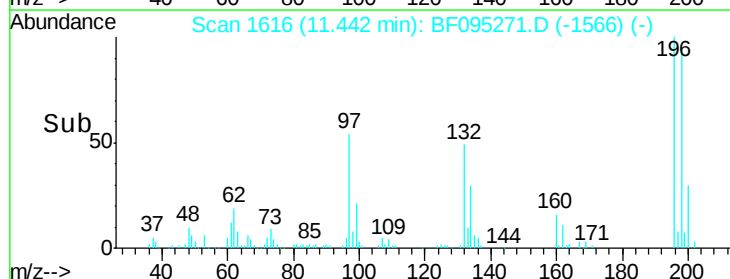
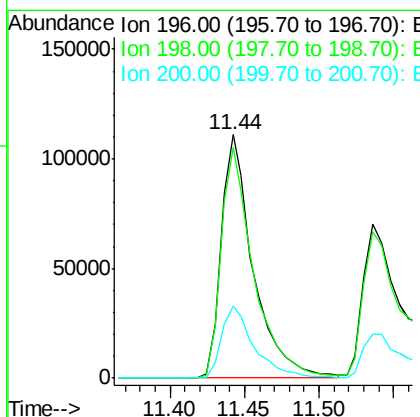
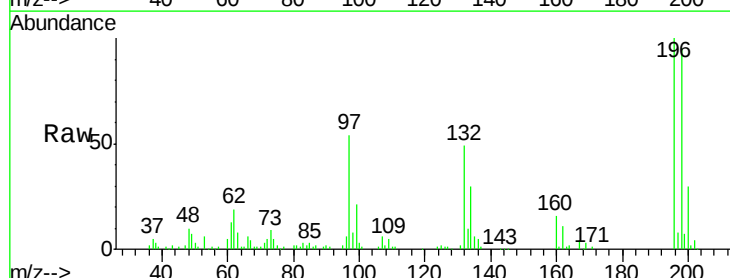
Manual Integrations
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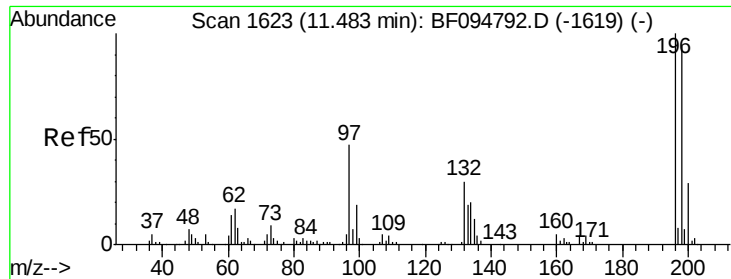
mohammad
 5/22/2017 1:29:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.35 ng
 RT: 11.44 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166760		
198	94.7	74.2	111.4	
200	29.8	24.0	36.0	





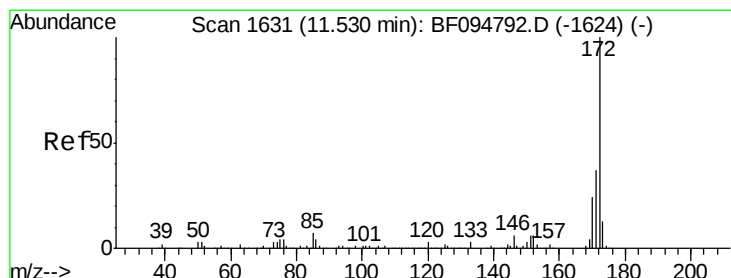
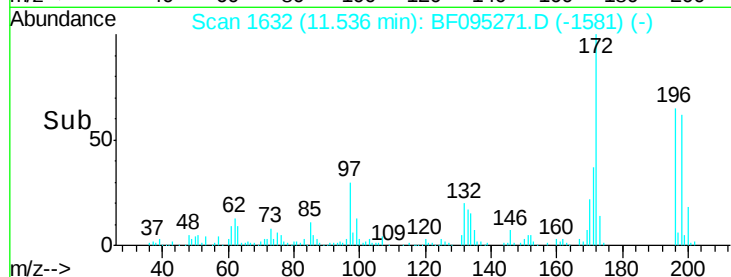
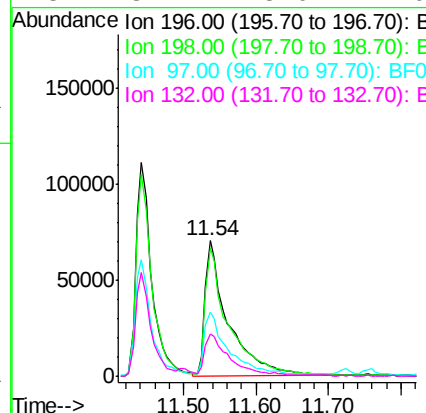
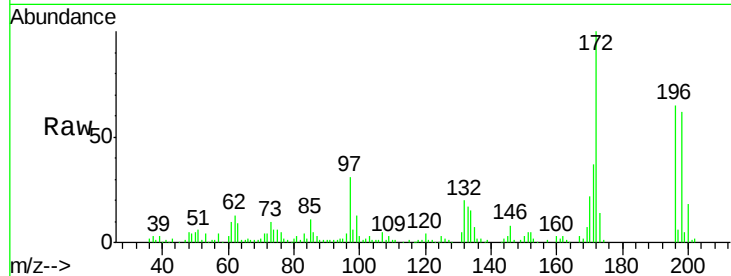
#43
 2,4,5-Trichlorophenol
 Concen: 43.12 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156605		
198	95.2	75.7	113.5	
97	47.3	47.7	71.5#	
132	31.2	28.0	42.0	

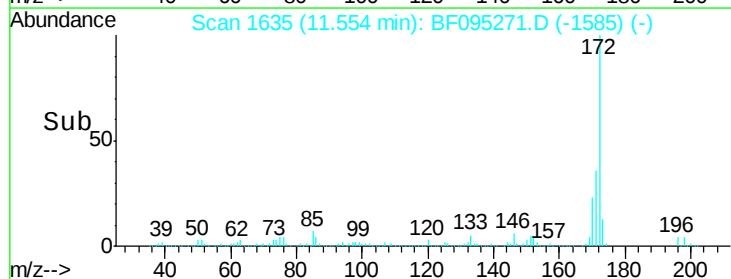
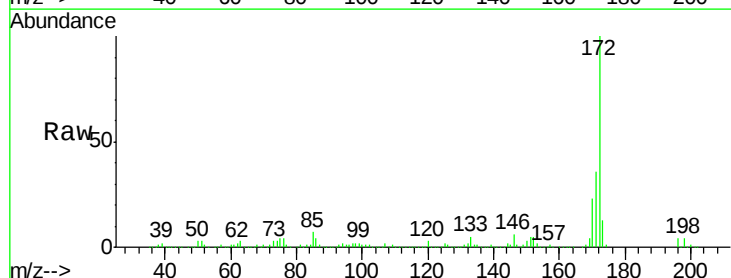
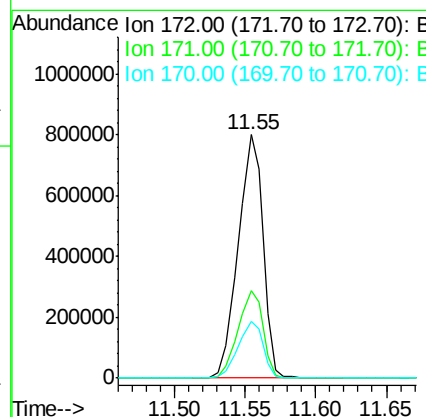
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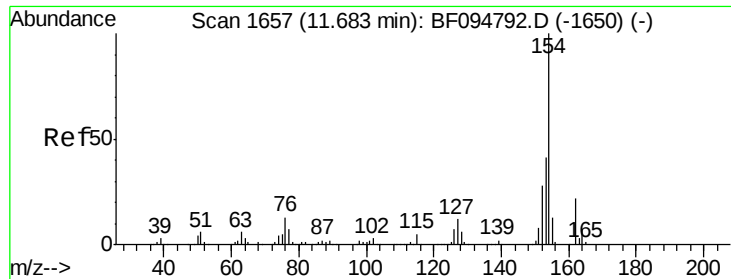
mohammad
 5/22/2017 1:29:46 PM



#44
 2-Fluorobiphenyl
 Concen: 85.64 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	979327		
171	36.1	29.6	44.4	
170	23.4	19.8	29.8	





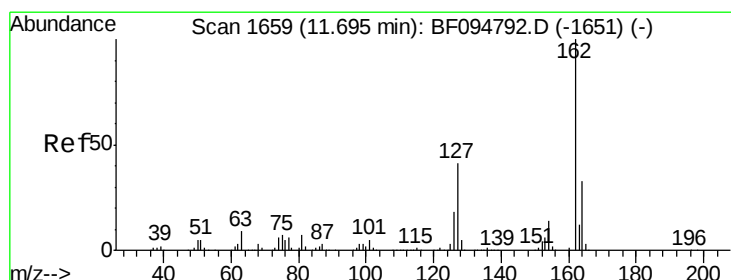
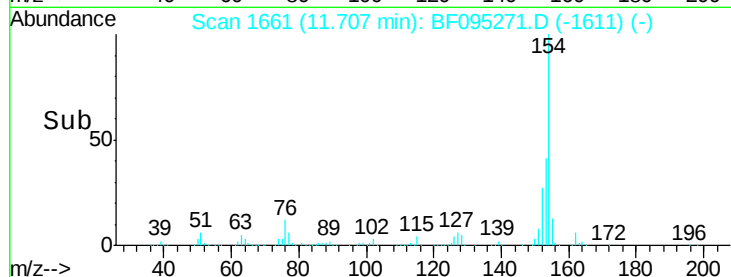
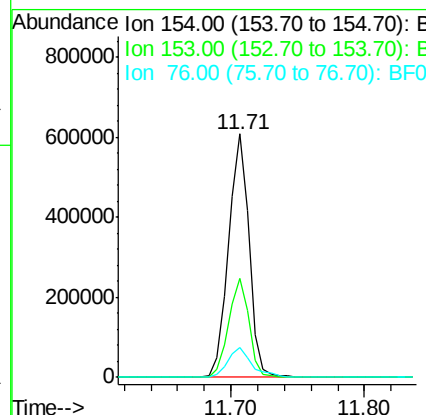
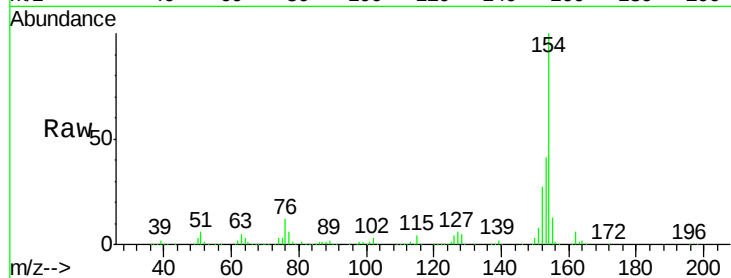
#45
 1,1'-Biphenyl
 Concen: 48.04 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion:	154	Resp:	665781
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	12.0	0.0	29.9

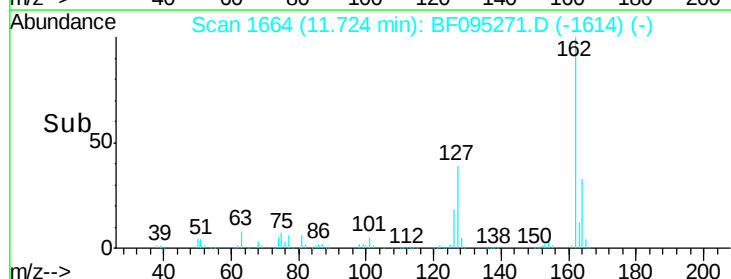
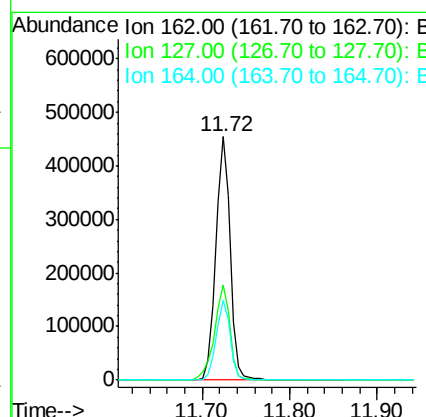
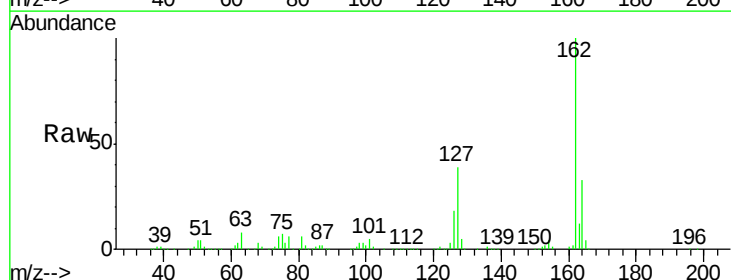
Manual Integrations
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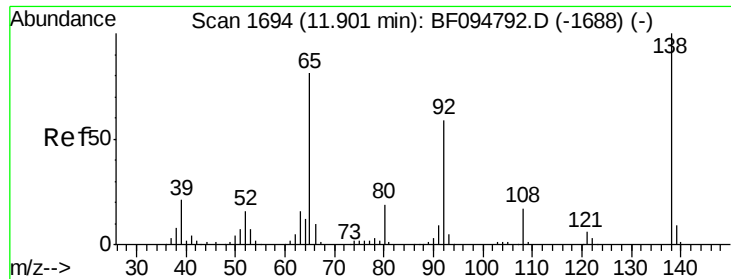
mohammad
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#46
 2-Chloronaphthalene
 Concen: 46.52 ng
 RT: 11.72 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion:	162	Resp:	520503
Ion Ratio	Lower	Upper	
162	100		
127	39.1	28.3	42.5
164	32.8	27.0	40.4





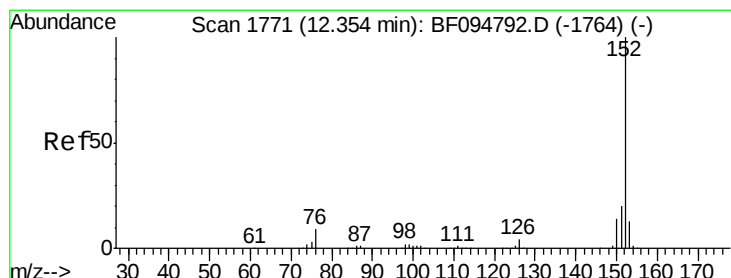
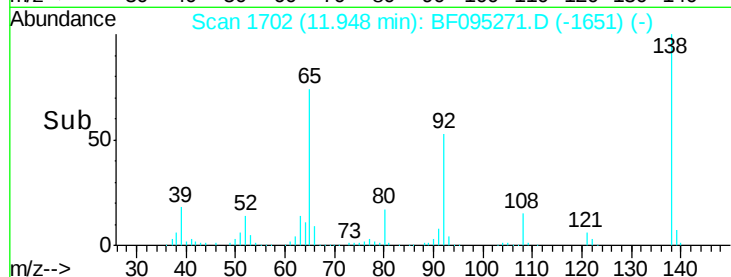
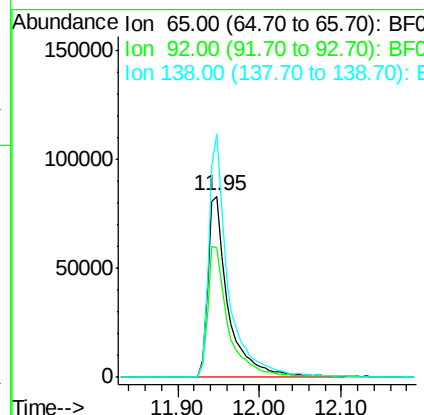
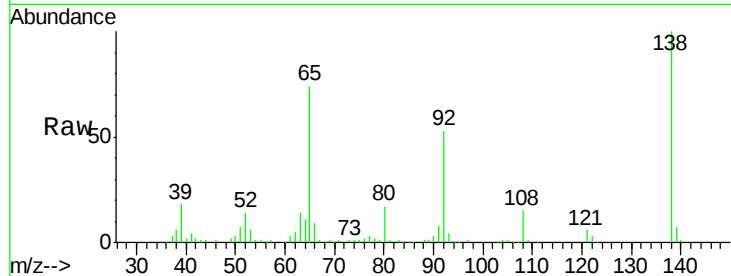
#47
 2-Nitroaniline
 Concen: 47.53 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BAEMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	134.4	78.8	118.2

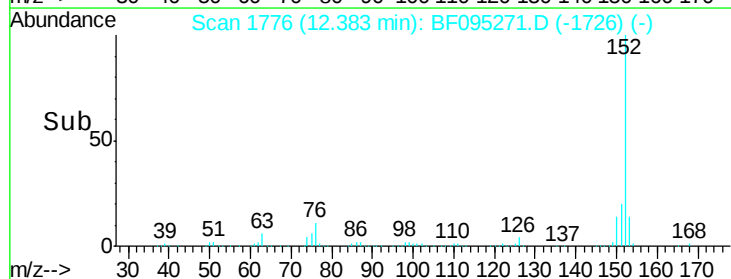
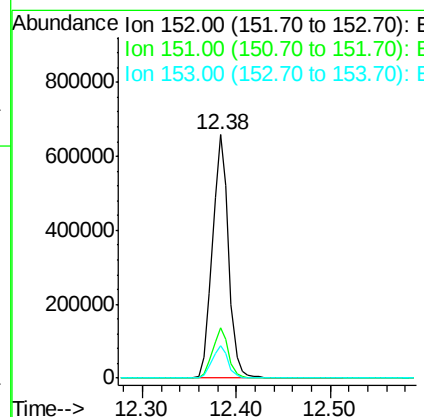
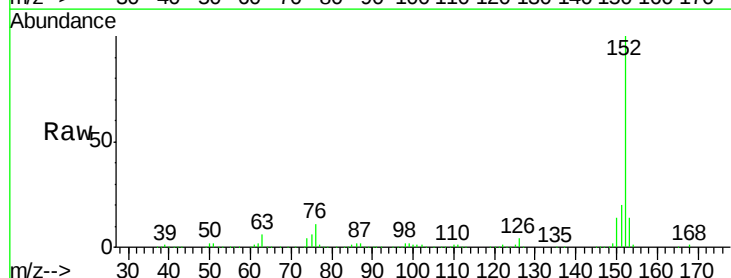
Manual Integrations
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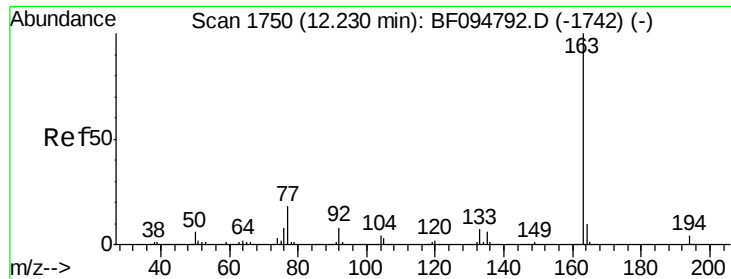
mohammad
 5/22/2017 1:29:46 PM



#48
 Acenaphthylene
 Concen: 45.50 ng
 RT: 12.38 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.6	10.8	16.2





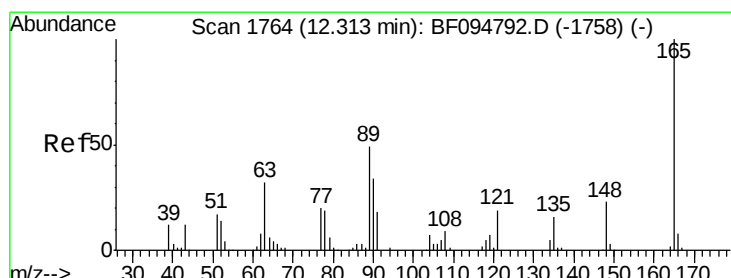
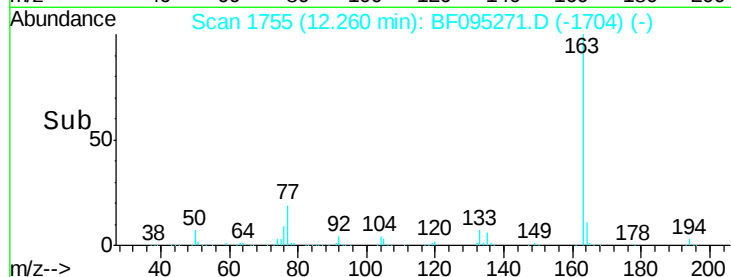
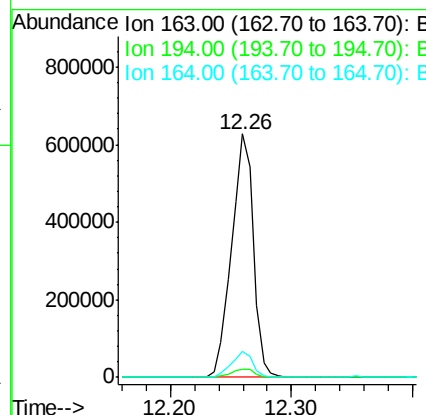
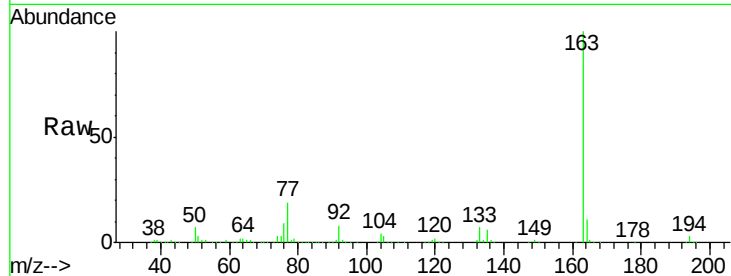
#49
Dimethylphthalate
Concen: 58.15 ng
RT: 12.26 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6

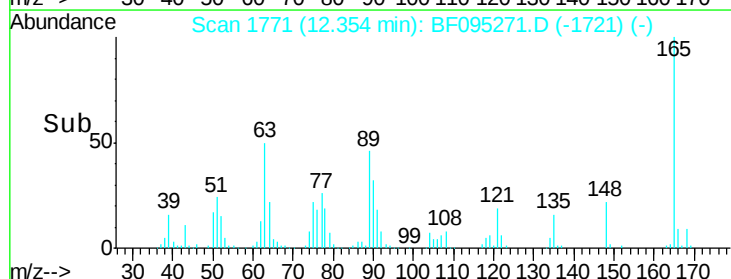
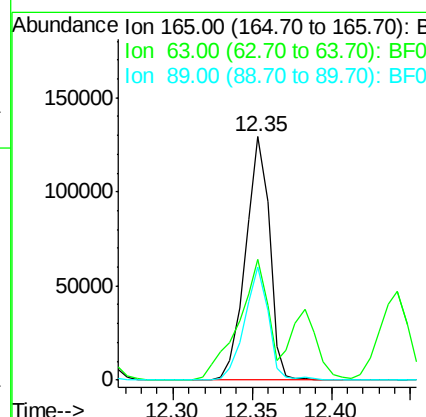
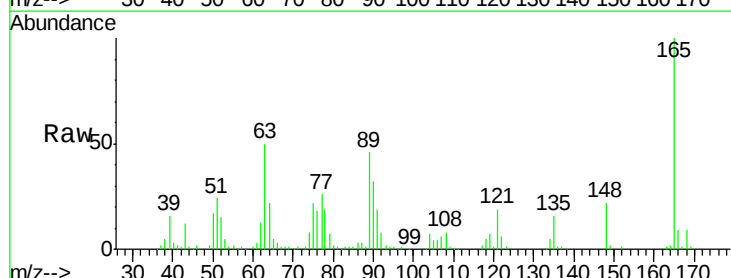
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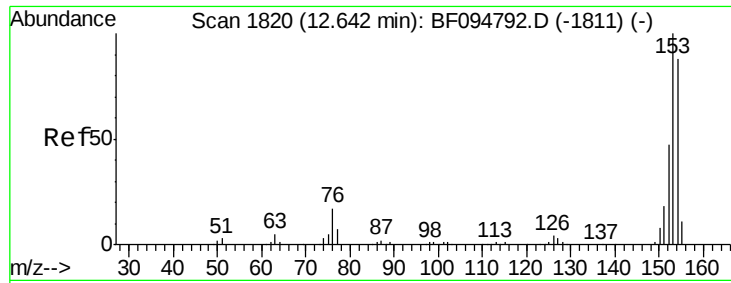
mohammad
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#50
2,6-Dinitrotoluene
Concen: 49.05 ng
RT: 12.35 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.7	34.3	51.5
89	46.3	37.1	55.7





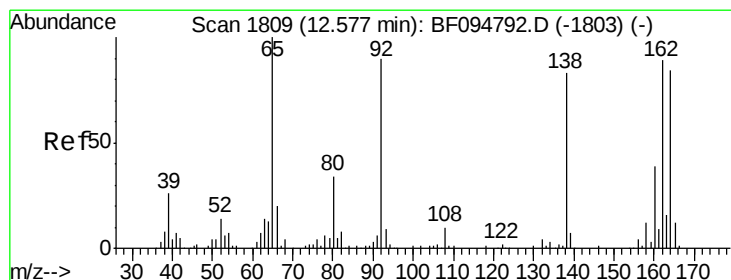
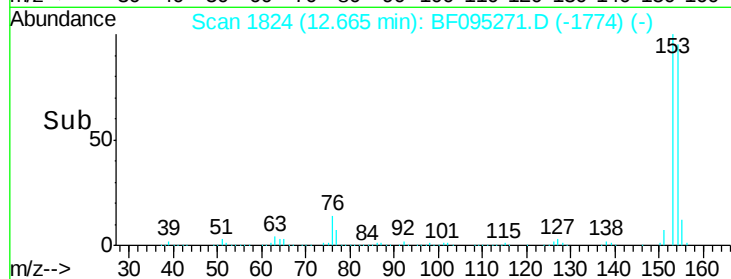
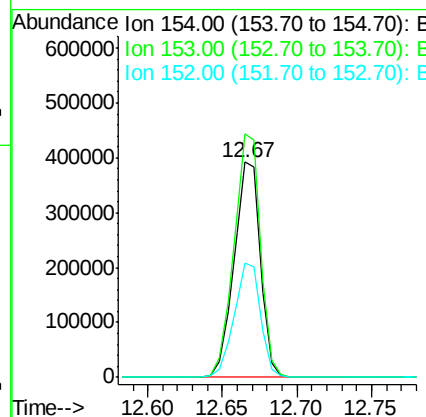
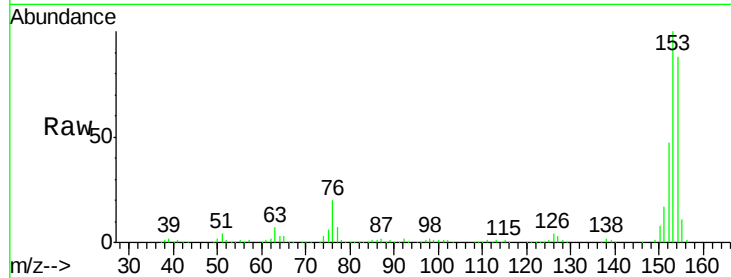
#51
Acenaphthene
Concen: 46.51 ng
RT: 12.67 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	486820		
153	113.2	90.5	135.7	
152	53.3	43.6	65.4	

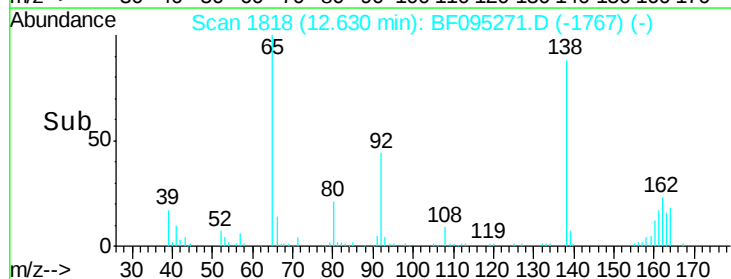
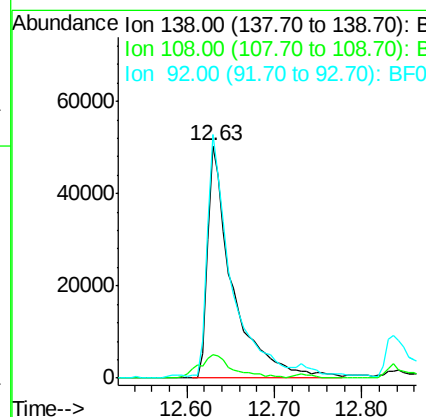
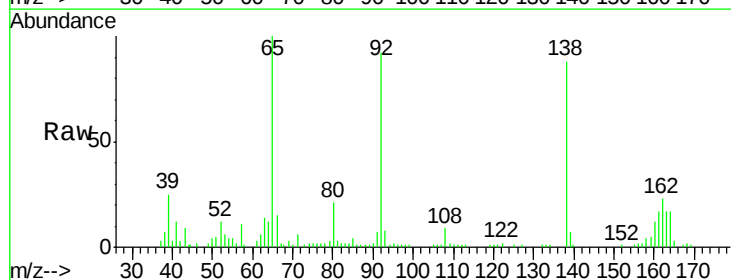
Manual Integrations
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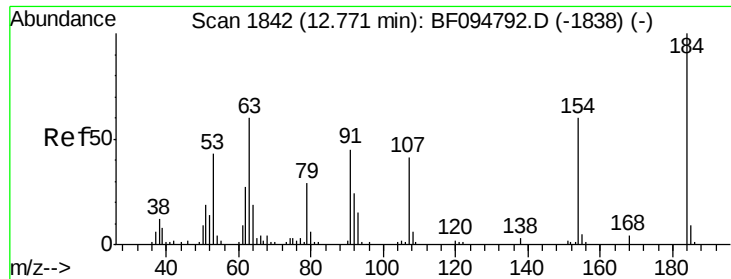
mohammad
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#52
3-Nitroaniline
Concen: 33.73 ng
RT: 12.63 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	99787		
108	10.3	9.1	13.7	
92	104.9	93.8	140.6	





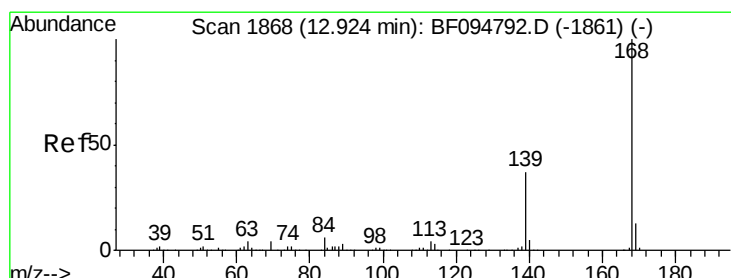
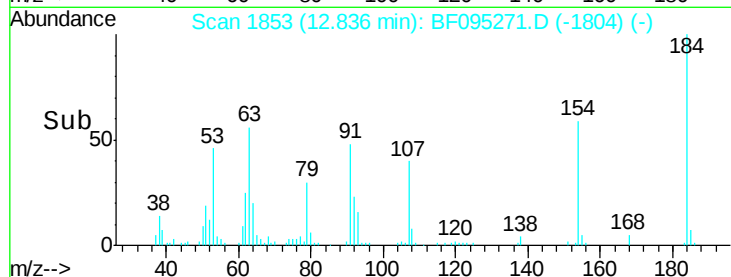
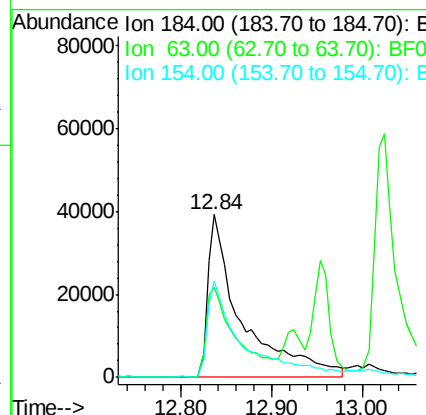
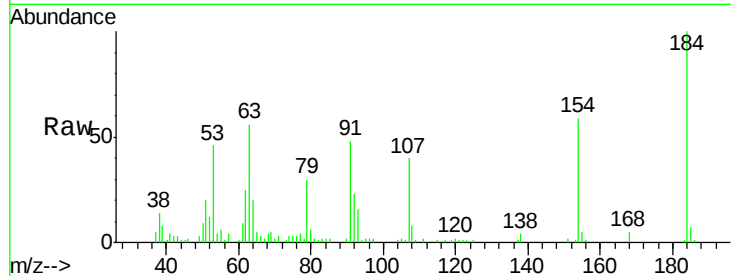
#53
2,4-Dinitrophenol
Concen: 68.57 ng
RT: 12.84 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	102631		
63	55.8	62.7	94.1#	
154	59.1	81.1	121.7#	

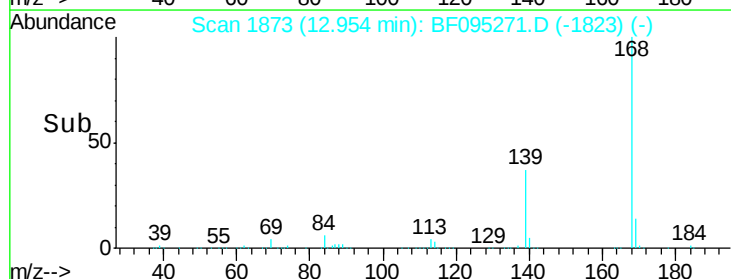
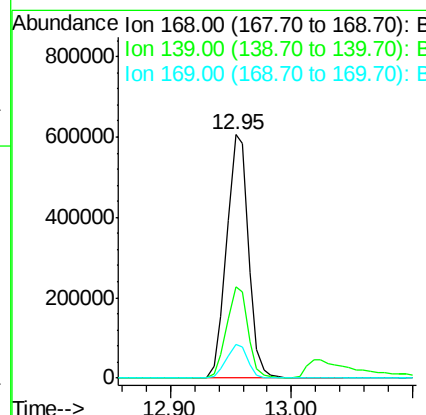
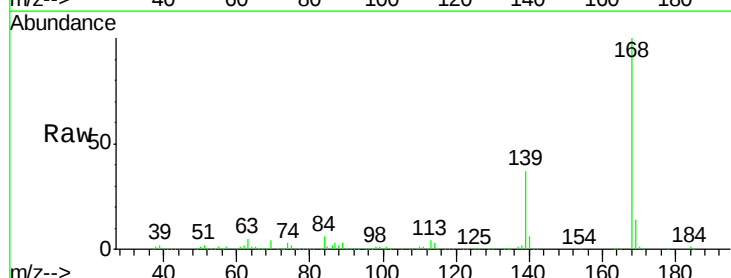
Manual Integrations
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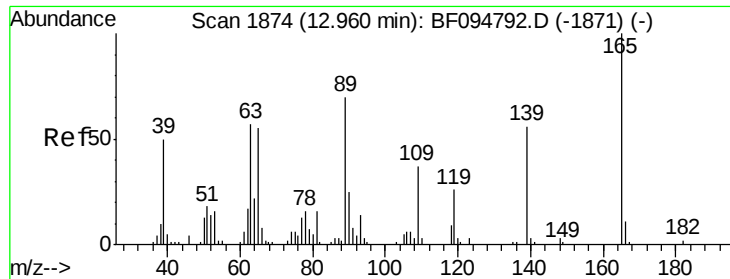
mohammad
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#54
Dibenzofuran
Concen: 52.04 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	753896		
139	37.3	30.6	45.8	
169	13.6	10.8	16.2	





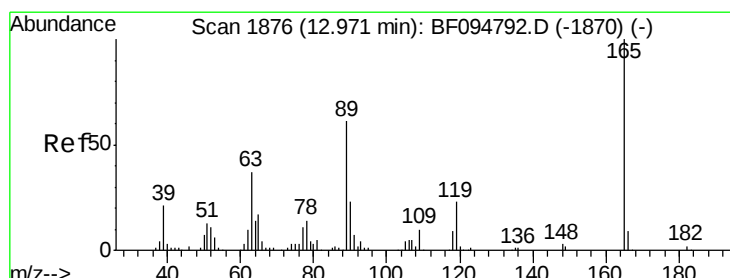
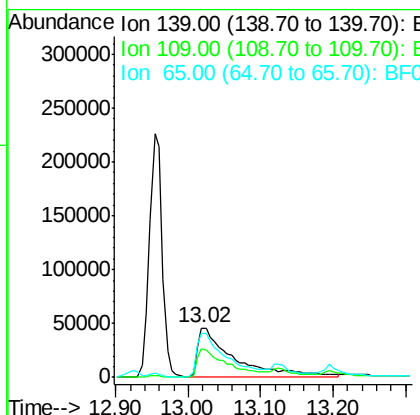
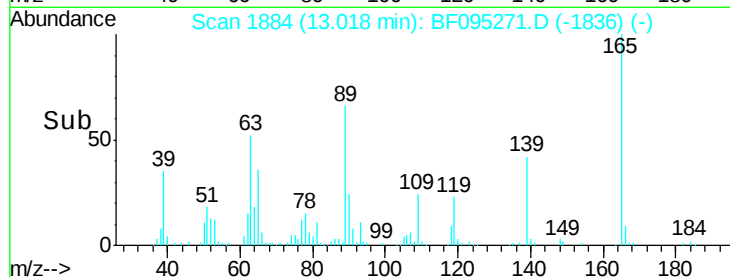
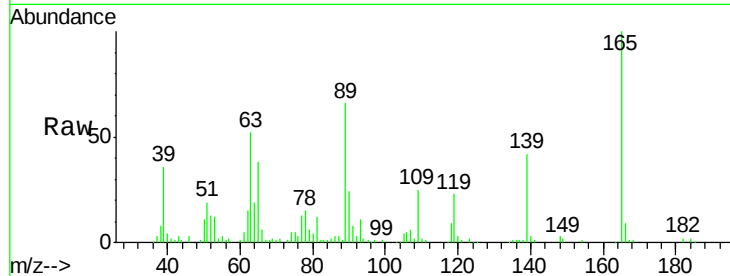
#55
4-Nitrophenol
Concen: 85.22 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	151440		
109	58.4	34.1	74.1	
65	88.9	31.4	71.4	

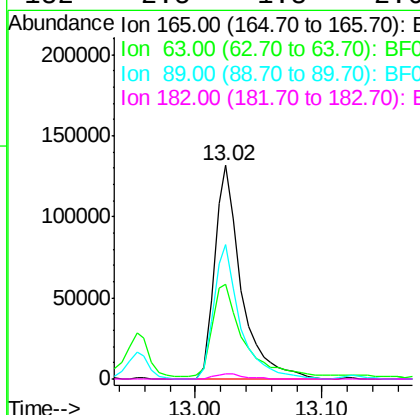
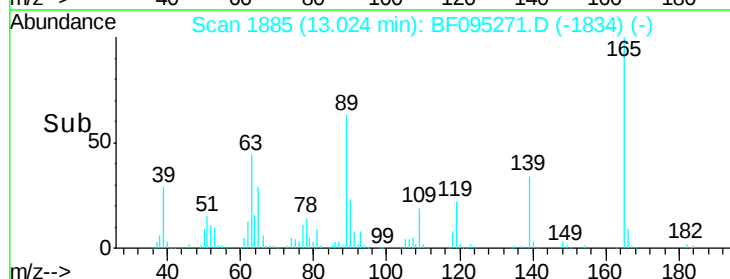
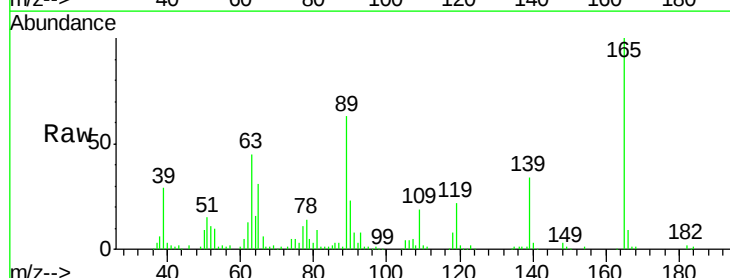
Manual Integrations
APPROVED

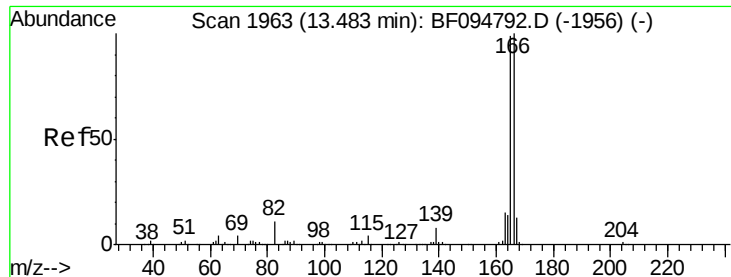
mohammad
5/22/2017 1:29:46 PM



#56
2,4-Dinitrotoluene
Concen: 54.74 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	193899		
63	44.6	25.4	38.0	
89	63.1	46.4	69.6	
182	2.5	1.8	2.6	





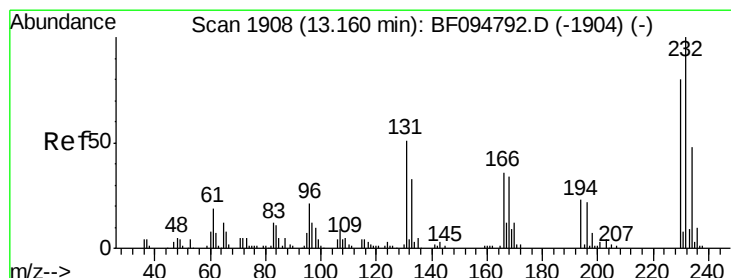
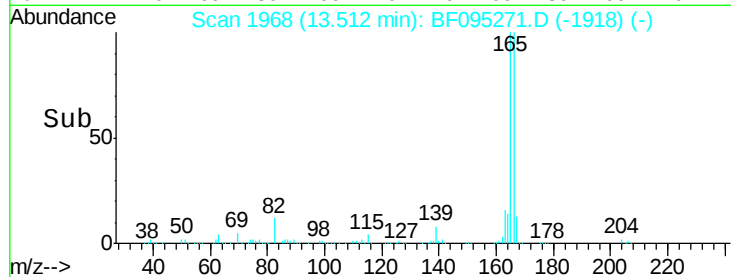
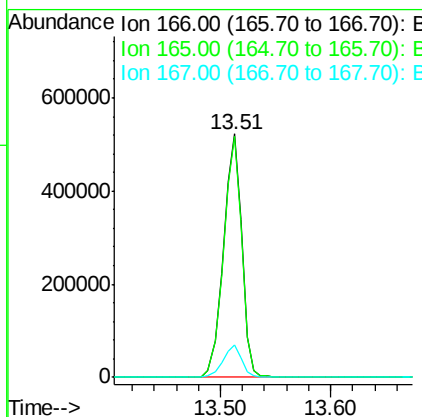
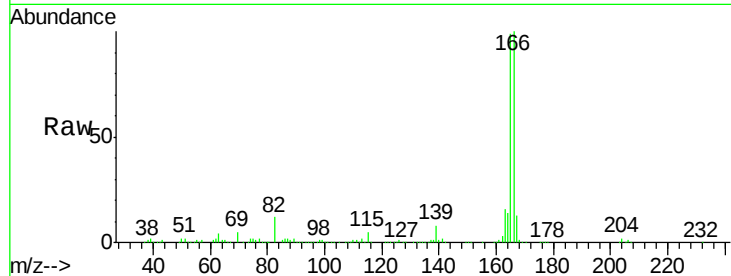
#57
Fluorene
 Concen: 48.06 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	605314		
165	98.9	78.8	118.2	
167	13.1	10.6	16.0	

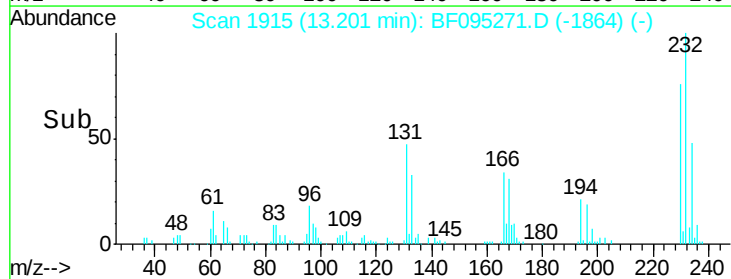
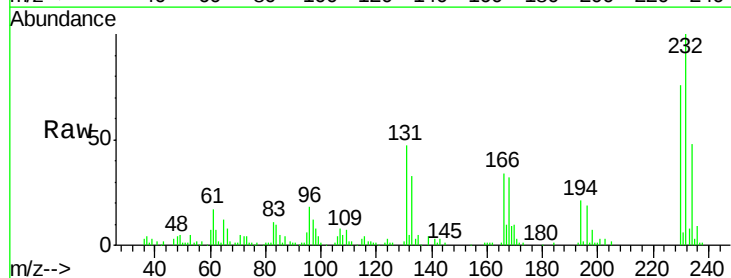
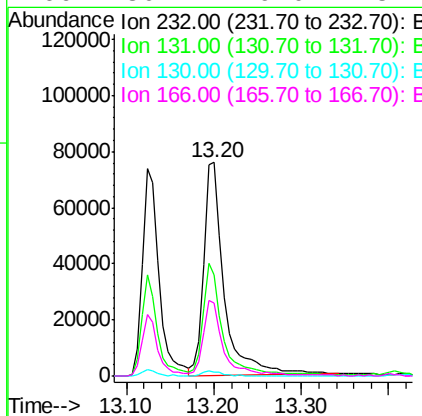
Manual Integrations
 APPROVED

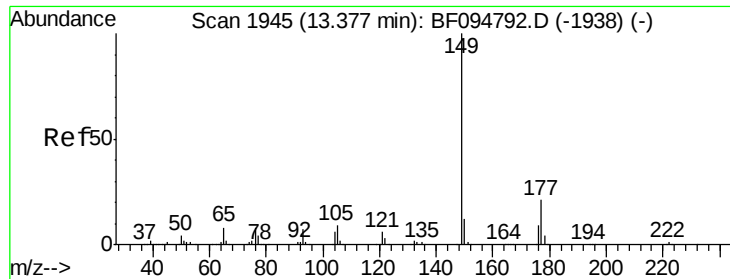
mohammad
 5/22/2017 1:29:46 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.03 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	123508		
131	49.9	44.8	67.2	
130	2.2	2.3	3.5#	
166	30.2	29.0	43.4	





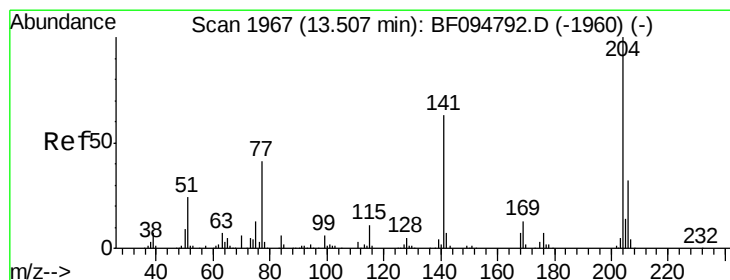
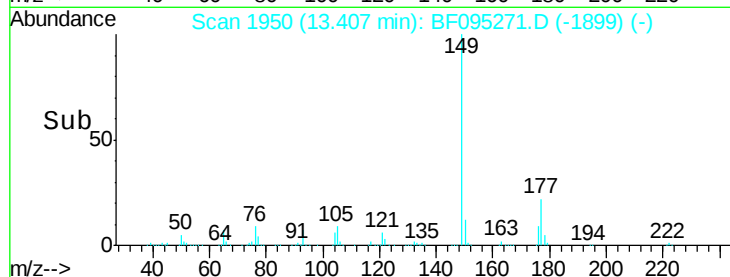
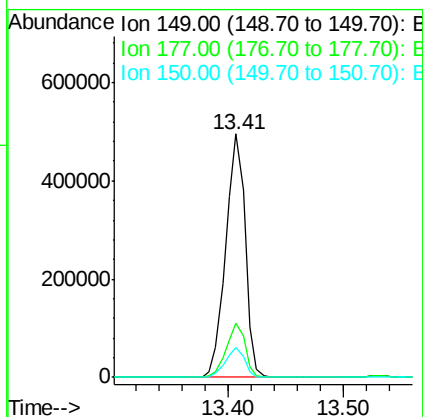
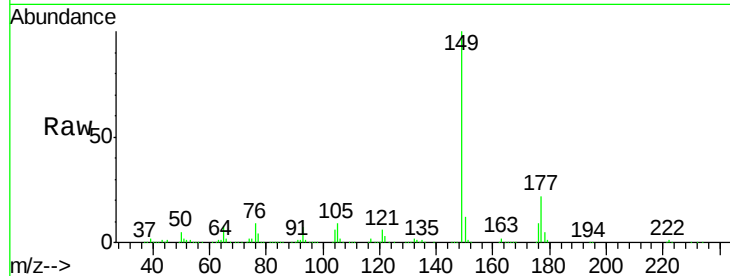
#59
Diethylphthalate
Concen: 44.67 ng
RT: 13.41 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	578533		
177	22.2	16.7	25.1	
150	12.3	10.2	15.2	

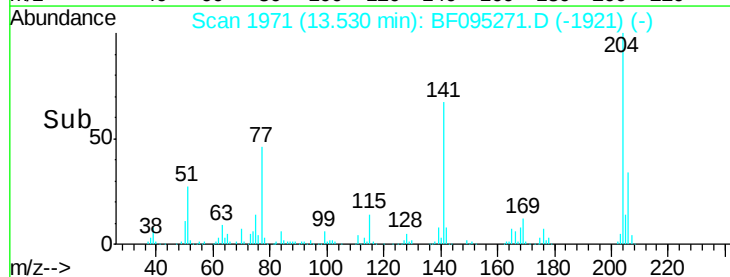
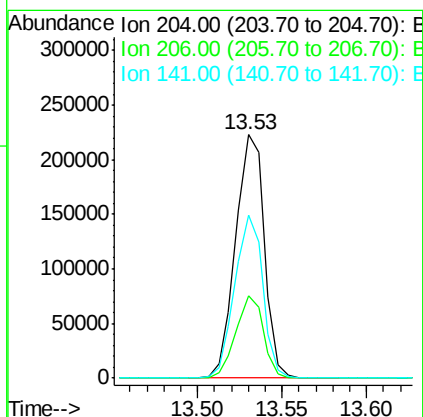
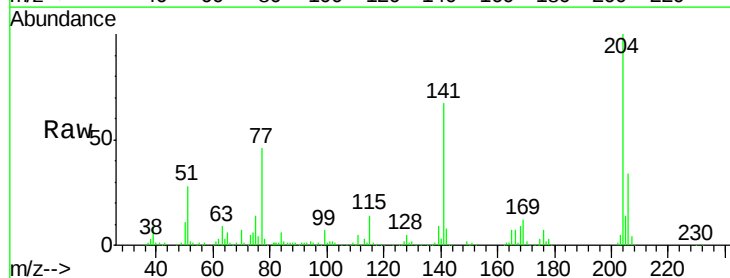
Manual Integrations
APPROVED

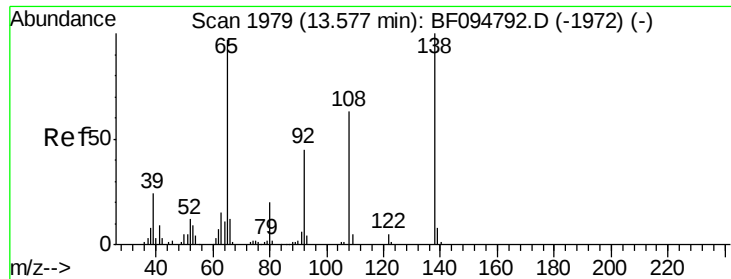
mohammad
5/22/2017 1:29:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.79 ng
RT: 13.53 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	264559		
206	33.6	26.2	39.2	
141	67.2	60.8	91.2	





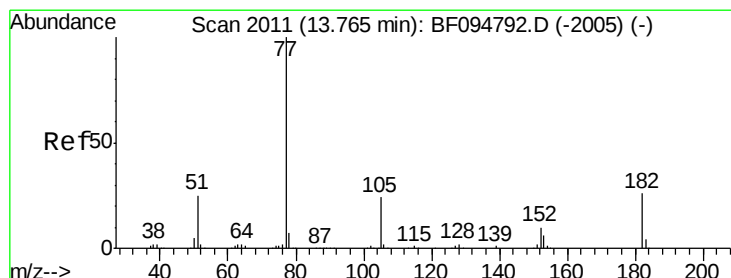
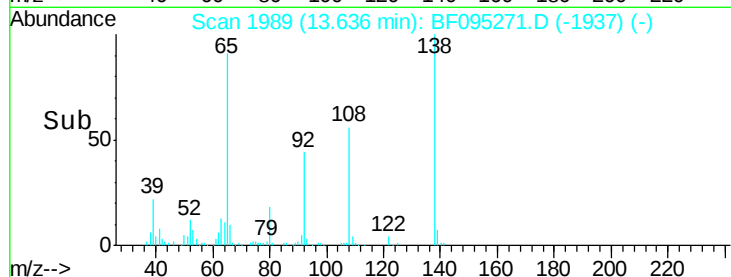
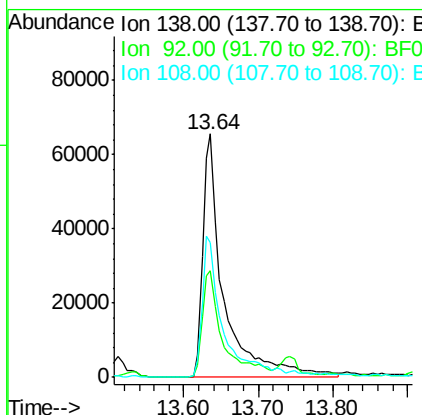
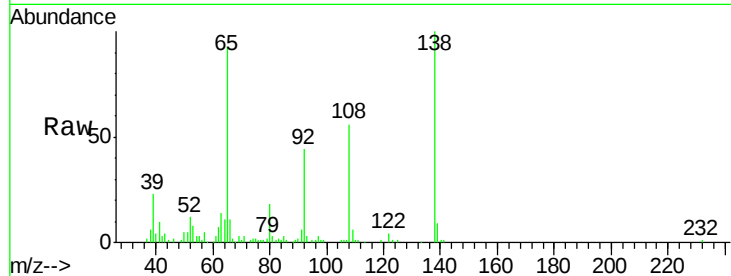
#61
4-Nitroaniline
Concen: 47.54 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.8	21.8	61.8
108	55.6	42.3	82.3

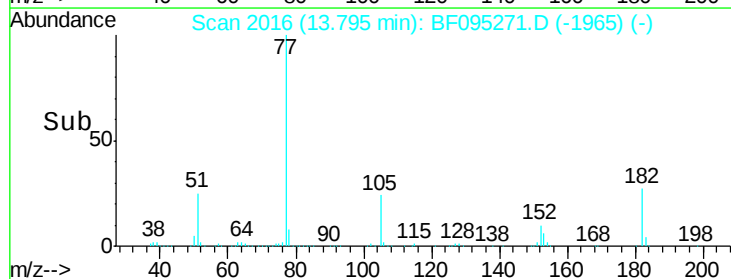
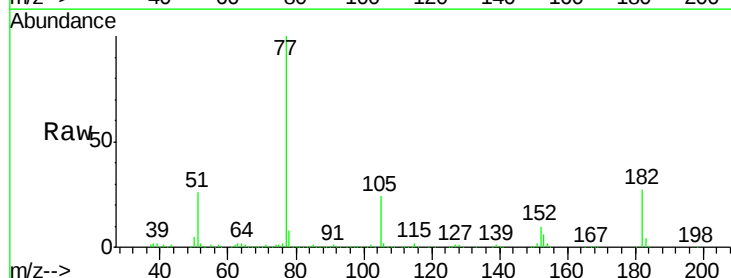
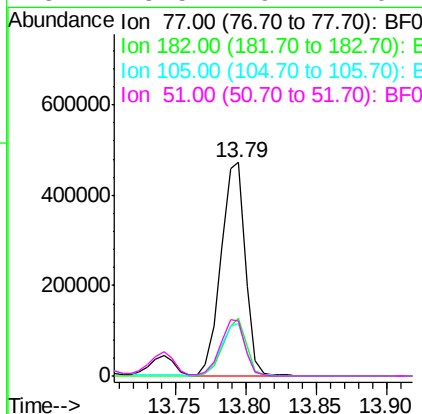
Manual Integrations
APPROVED

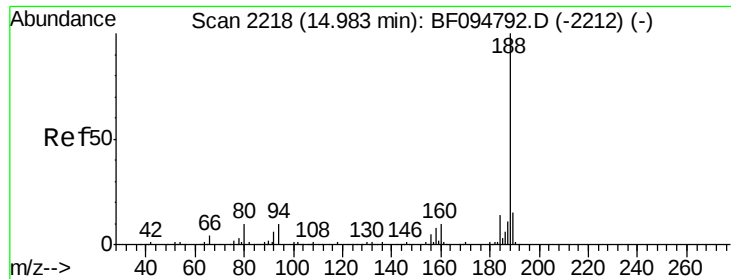
mohammad
5/22/2017 1:29:46 PM



#62
Azobenzene
Concen: 54.26 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	0.1	40.1
105	24.4	3.6	43.6
51	25.5	9.4	49.4





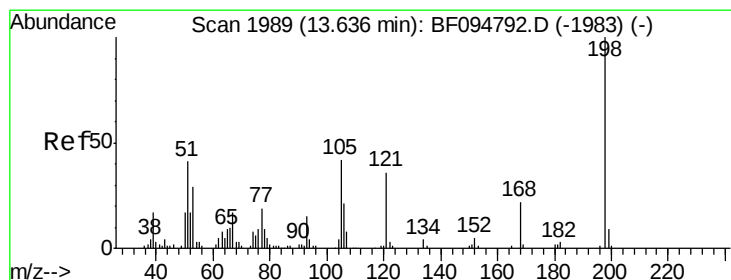
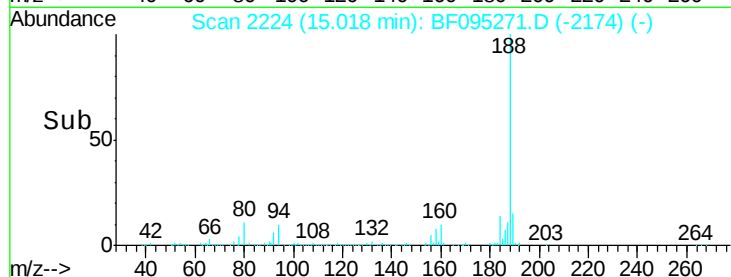
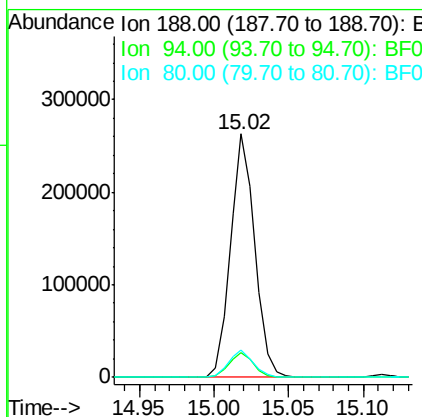
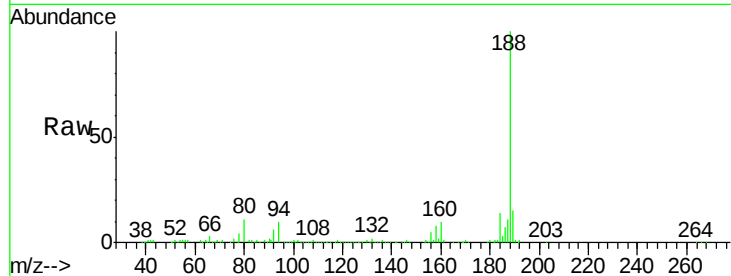
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	300663		
94	10.4		9.4	14.2
80	11.2		10.2	15.2

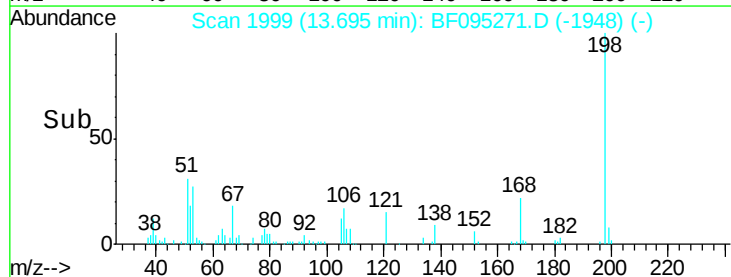
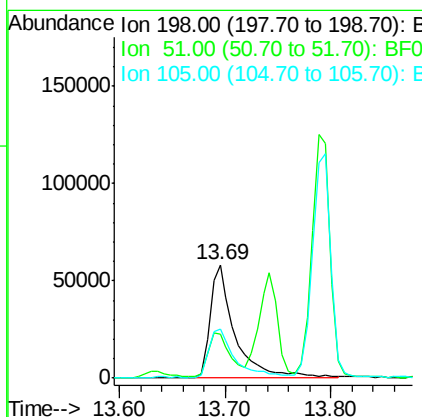
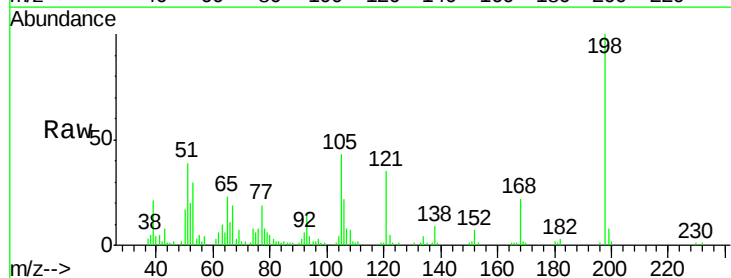
Manual Integrations
APPROVED

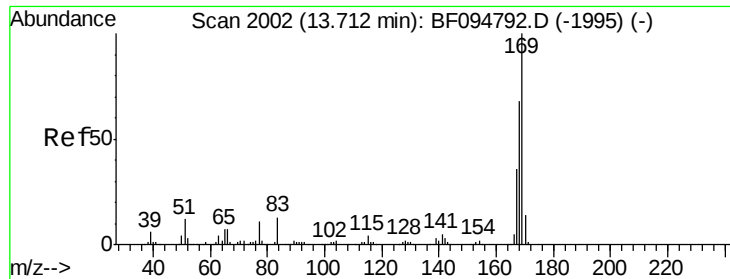
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.36 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	95461		
51	39.1		53.2	93.2#
105	43.3		45.8	85.8#





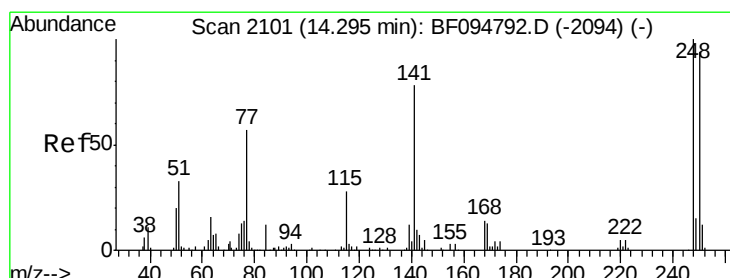
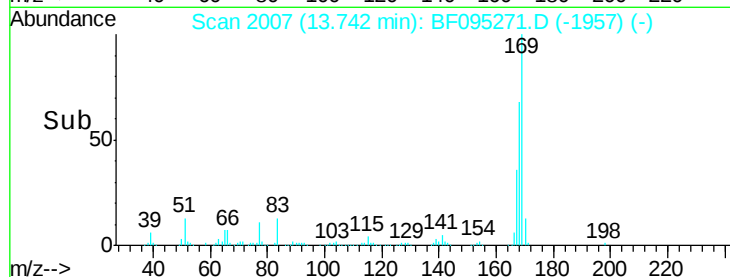
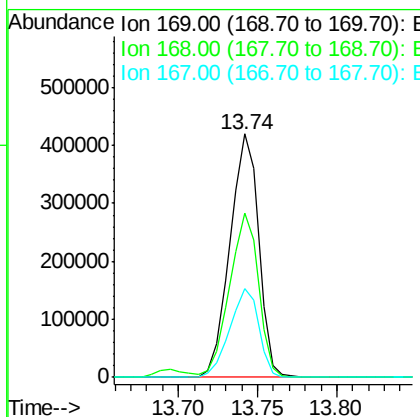
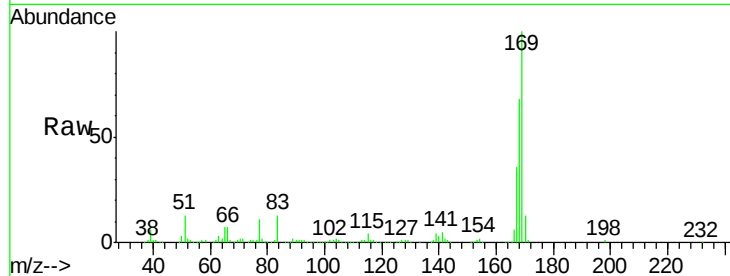
#65
n-Nitrosodiphenylamine
Concen: 48.03 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BAEMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	524155		
168	67.6	53.2	79.8	
167	36.4	29.5	44.3	

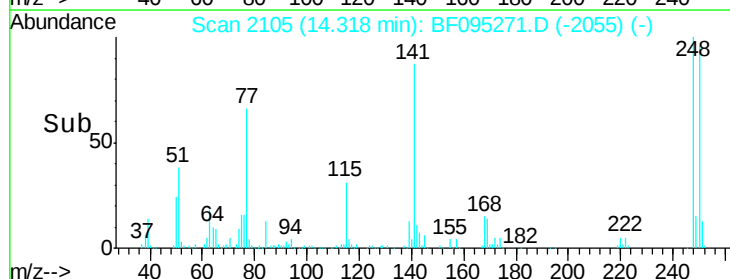
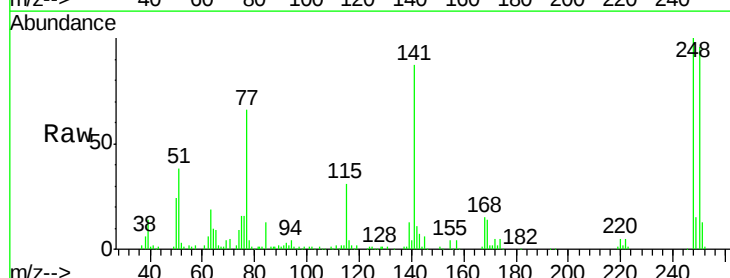
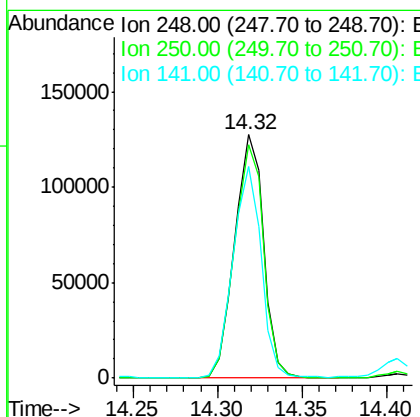
Manual Integrations
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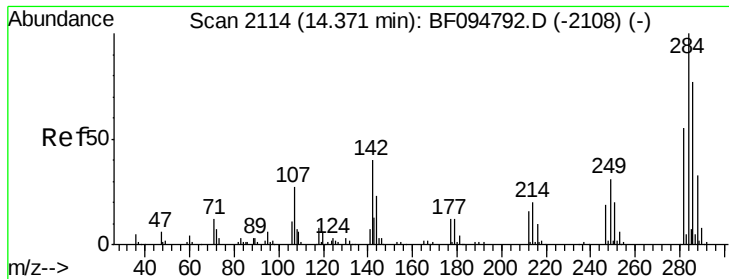
mohammad
5/22/2017 1:29:46 PM



#66
4-Bromophenyl-phenylether
Concen: 47.92 ng
RT: 14.32 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	152215		
250	96.1	76.8	115.2	
141	87.0	68.6	103.0	





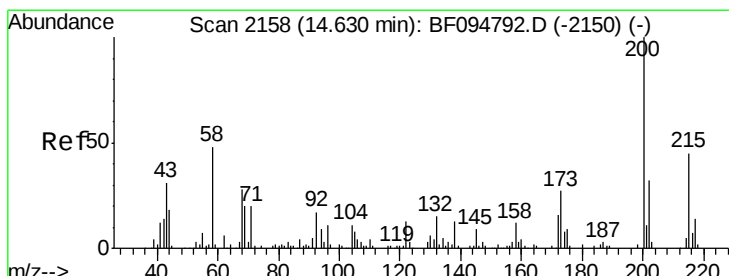
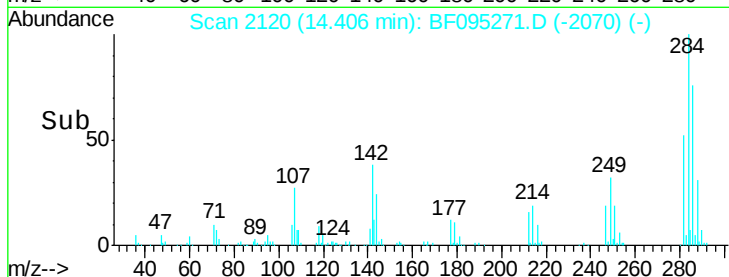
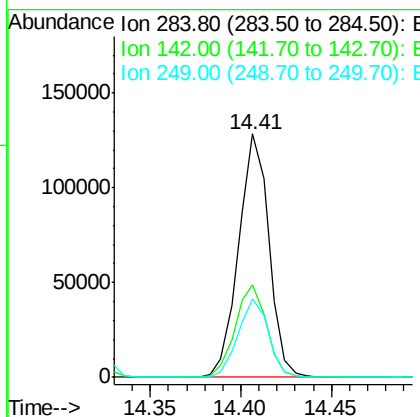
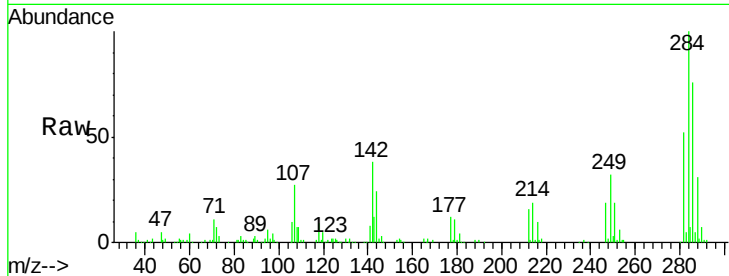
#67
Hexachlorobenzene
Concen: 45.77 ng
RT: 14.41 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	148986		
142	38.1	22.8	34.2	#
249	32.2	24.0	36.0	

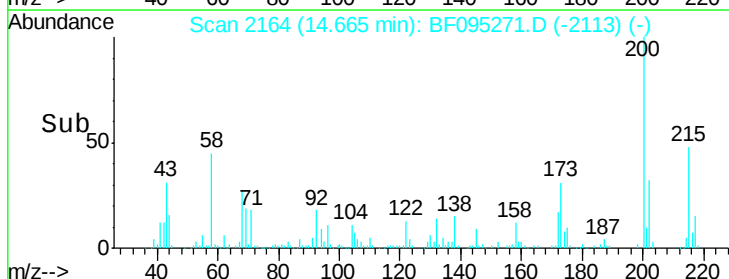
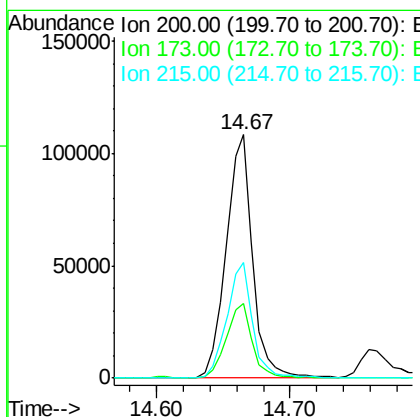
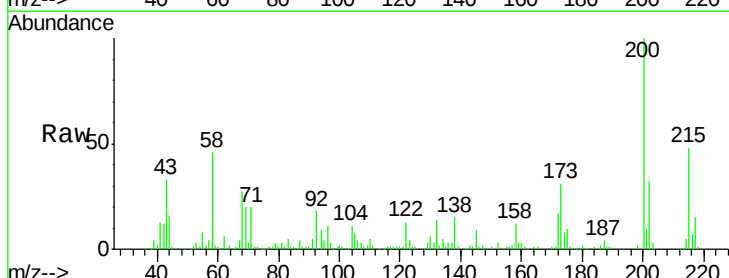
Manual Integrations
APPROVED

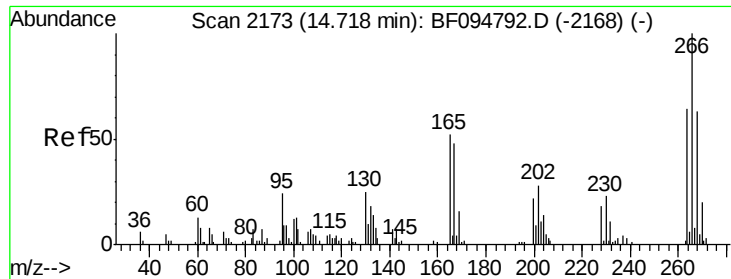
mohammad
5/22/2017 1:29:46 PM



#68
Atrazine
Concen: 48.81 ng
RT: 14.67 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	150398		
173	30.6	6.3	46.3	
215	47.6	27.2	67.2	





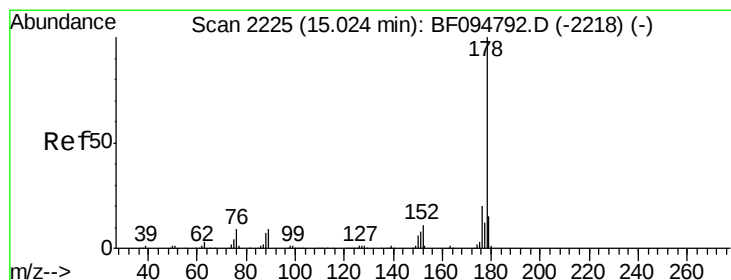
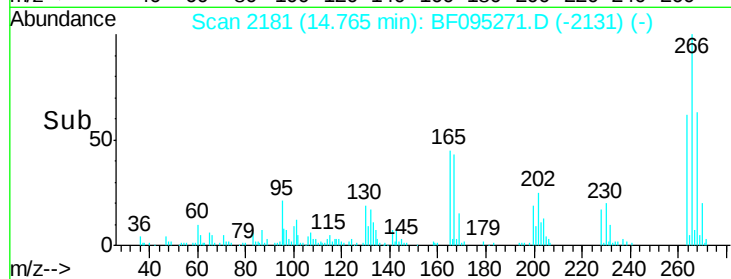
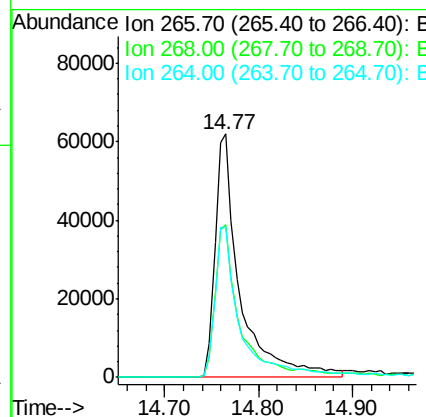
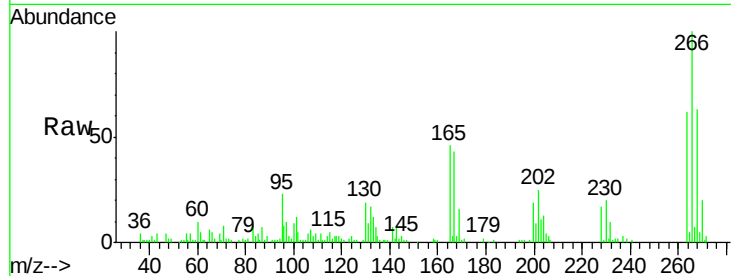
#69
 Pentachlorophenol
 Concen: 78.57 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	115479		
268	62.6	51.1	76.7	
264	61.6	51.7	77.5	

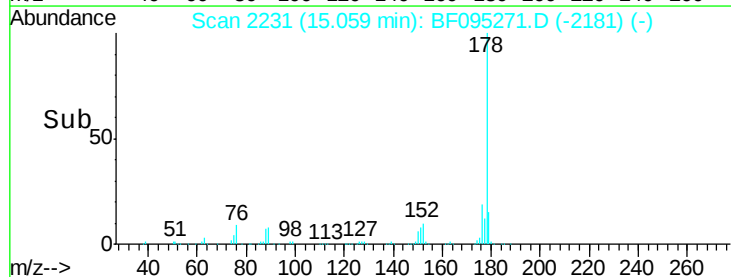
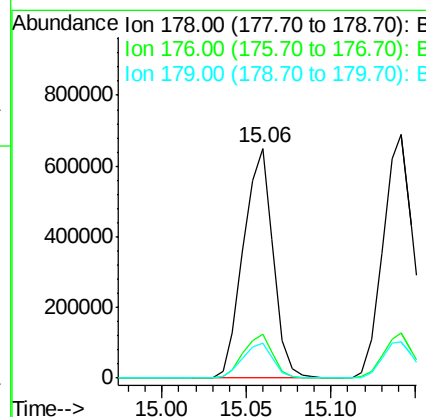
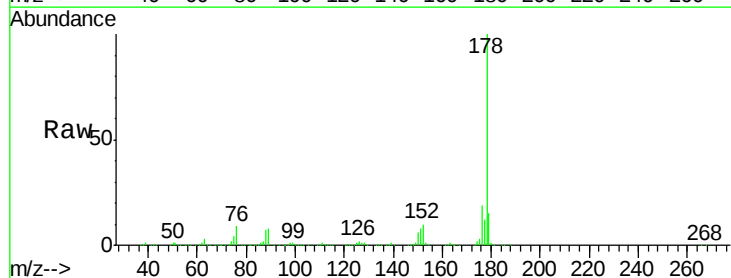
Manual Integrations
 APPROVED

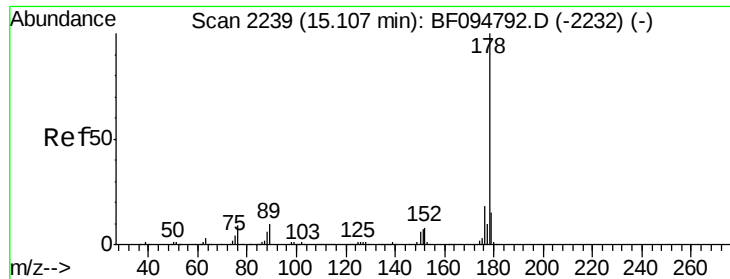
mohammad
 5/22/2017 1:29:46 PM



#70
 Phenanthrene
 Concen: 46.20 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	798081		
176	19.2	16.2	24.4	
179	15.0	12.6	19.0	





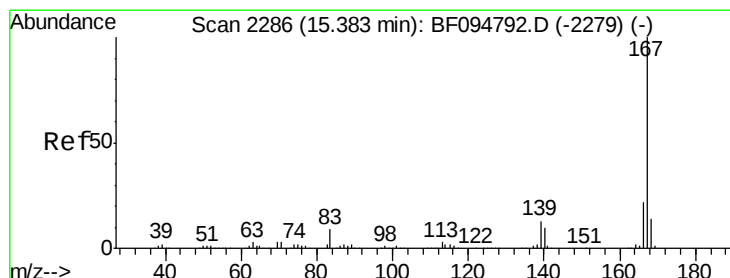
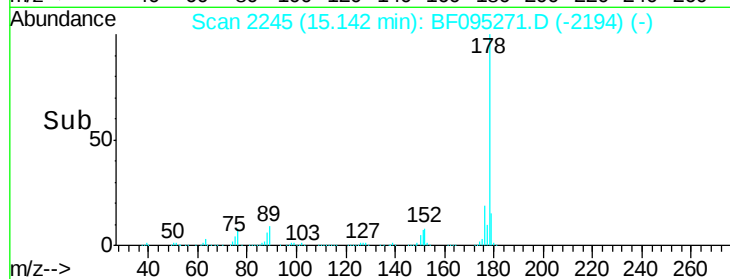
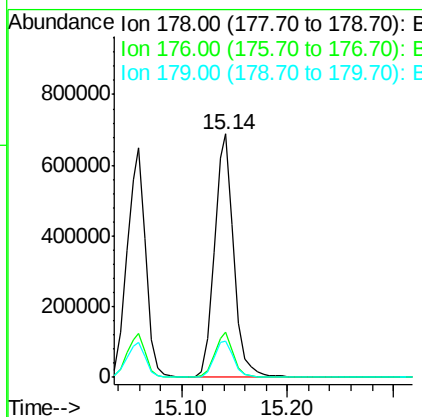
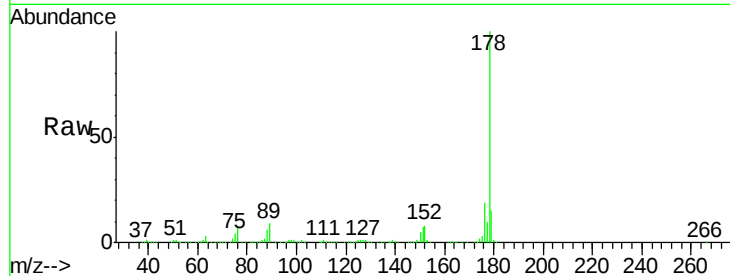
#71
 Anthracene
 Concen: 49.98 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.1	12.7	19.1

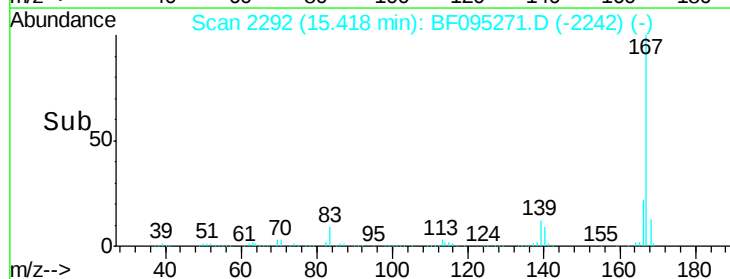
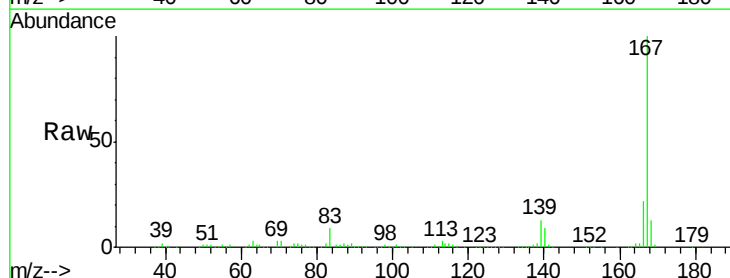
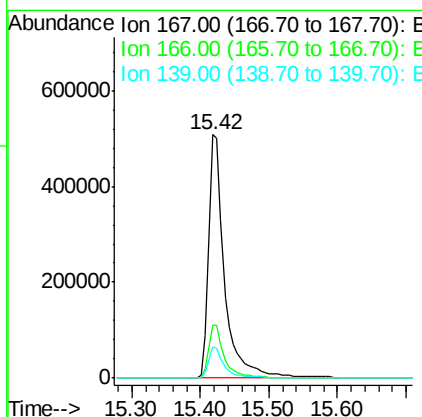
Manual Integrations
 APPROVED

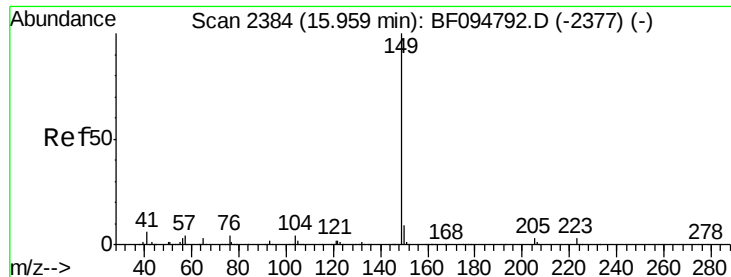
mohammad
 5/22/2017 1:29:46 PM



#72
 Carbazole
 Concen: 51.82 ng
 RT: 15.42 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	12.7	11.7	17.5





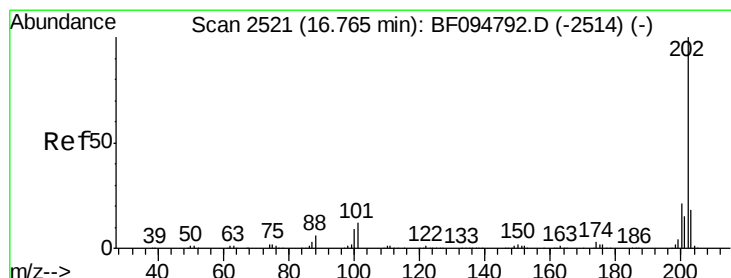
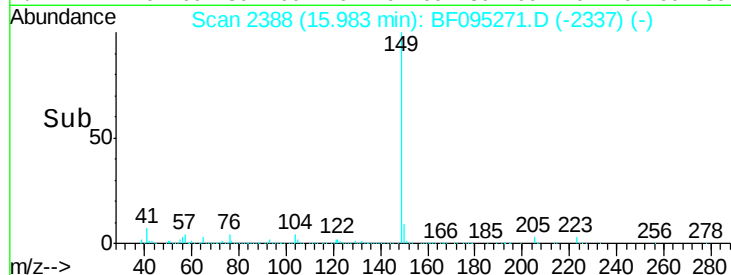
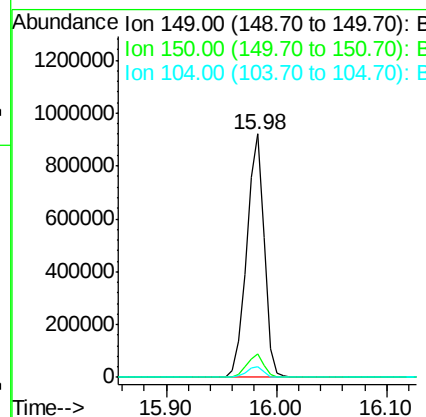
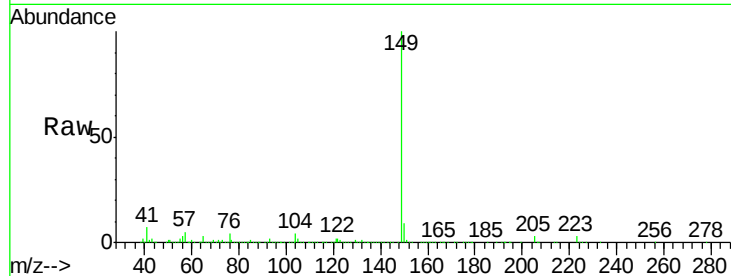
#73
Di-n-butylphthalate
Concen: 51.19 ng
RT: 15.98 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion:149 Resp: 1025005
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.3 4.0 6.0

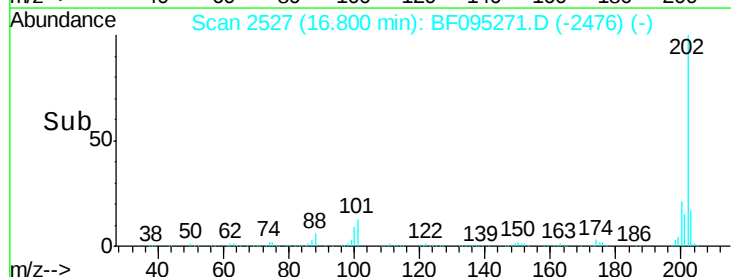
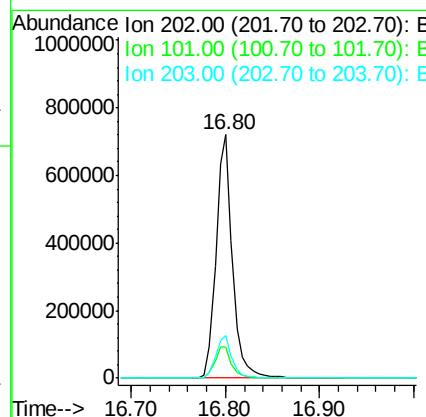
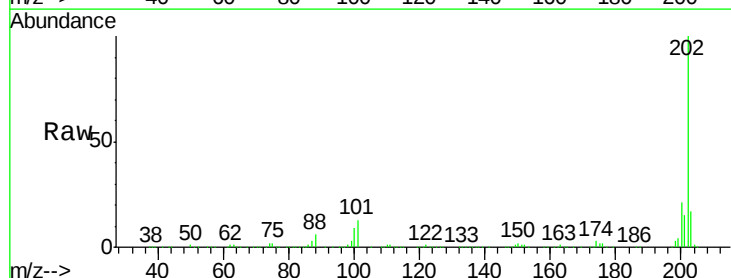
Manual Integrations
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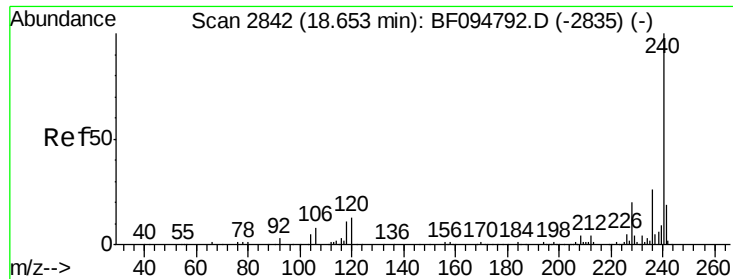
mohammad
5/22/2017 1:29:46 PM



#74
Fluoranthene
Concen: 50.06 ng
RT: 16.80 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion:202 Resp: 887071
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.3 0.0 38.1





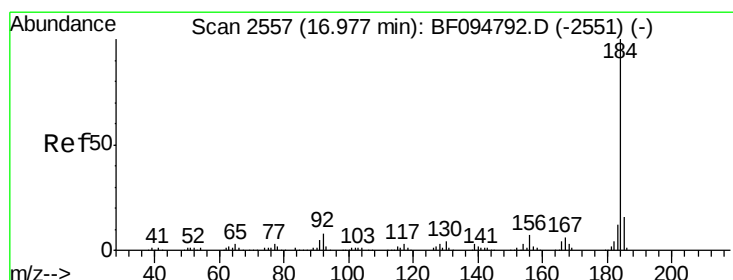
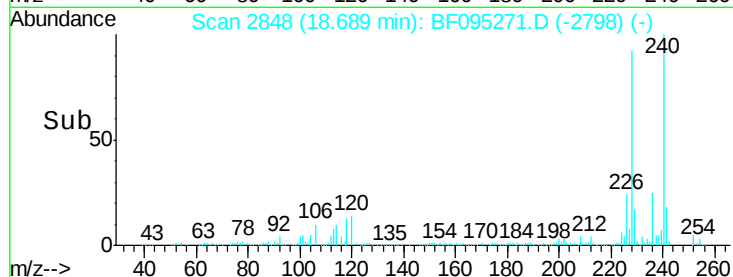
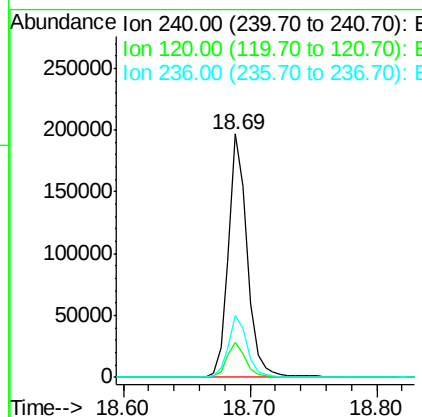
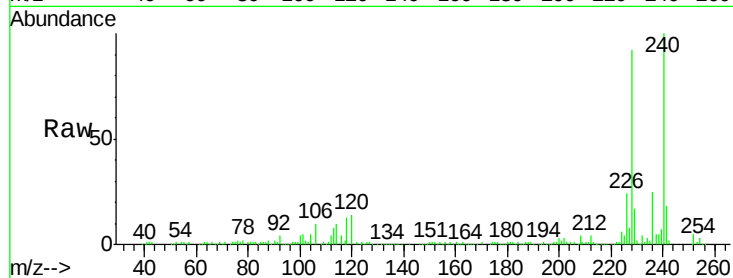
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampled :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	202320		
120	14.2	5.8	8.8#	
236	25.3	20.5	30.7	

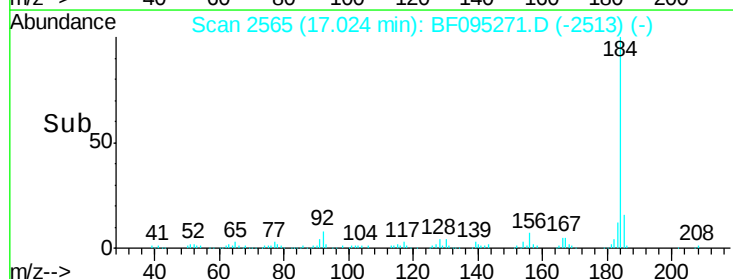
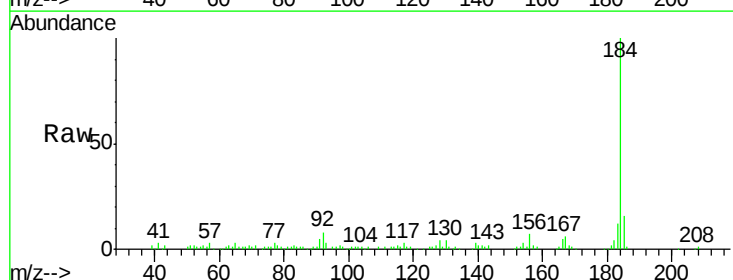
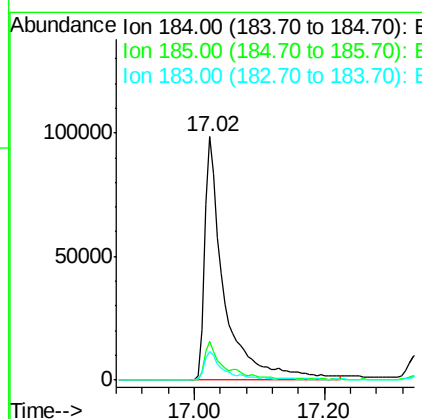
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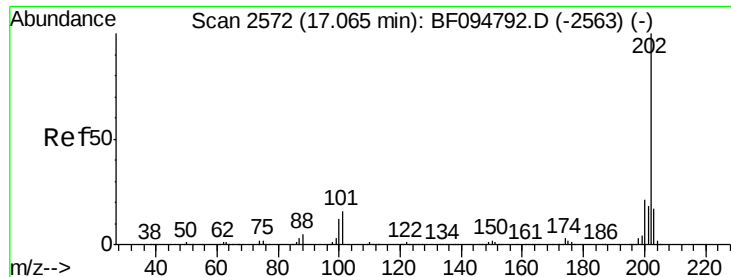
mohammad
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#76
Benzidine
Concen: 39.03 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	205739		
185	15.9	15.5	23.3	
183	11.9	9.8	14.6	





#77

Pyrene

Concen: 57.23 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

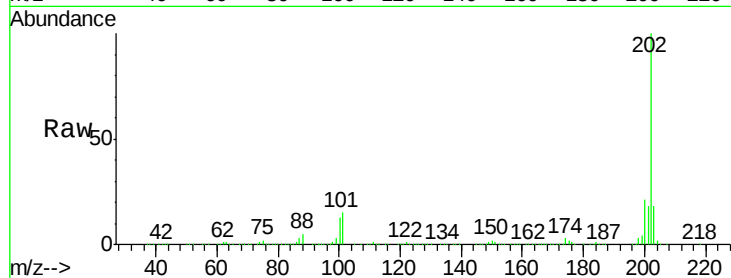
ClientSampleId :

E2-T8-BASEMS

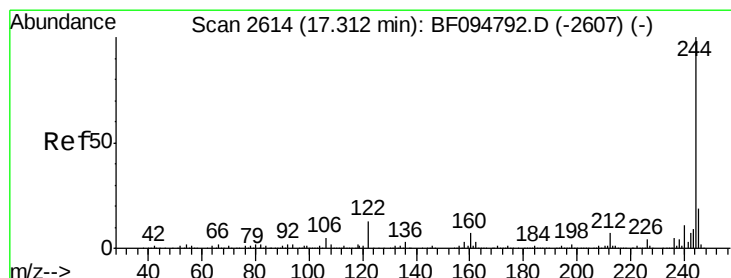
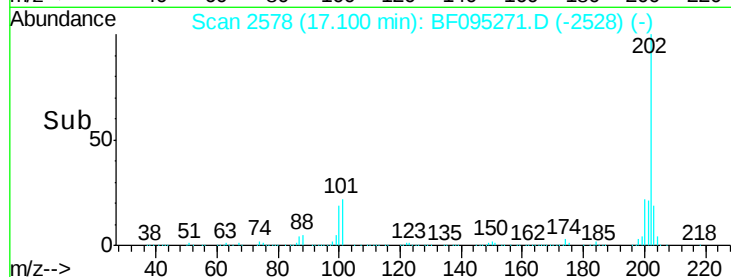
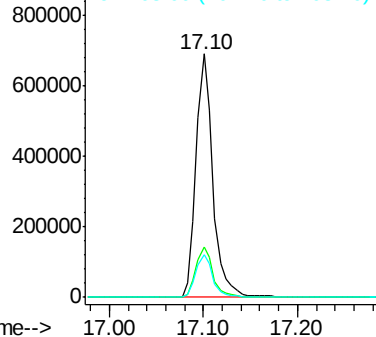
Tgt Ion:	202	Resp:	865943
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.7	14.4	21.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.87 ng

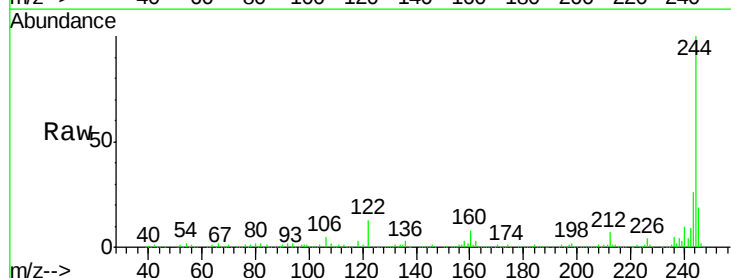
RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

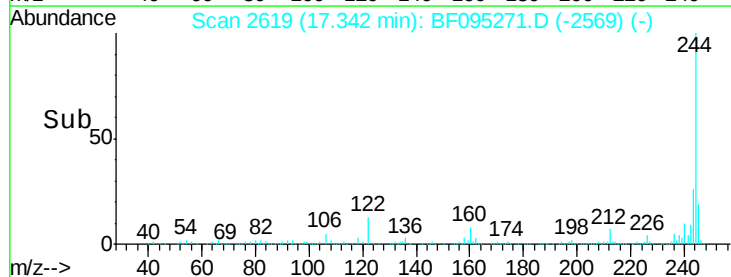
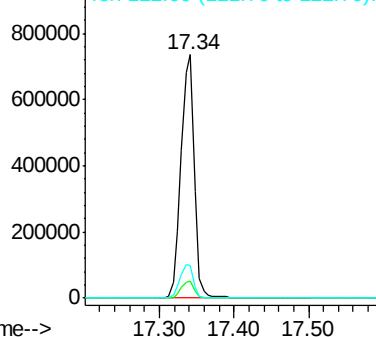
Lab File: BF095271.D

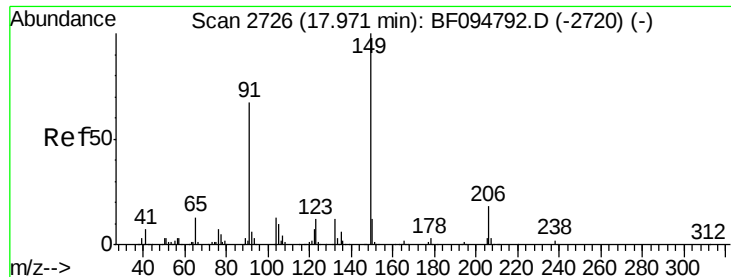
Acq: 19 May 2017 19:30

Tgt Ion:	244	Resp:	908183
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	13.4	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





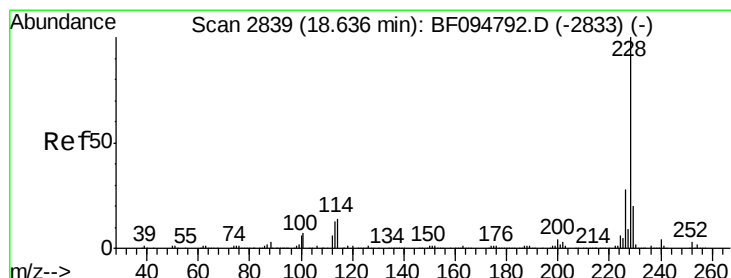
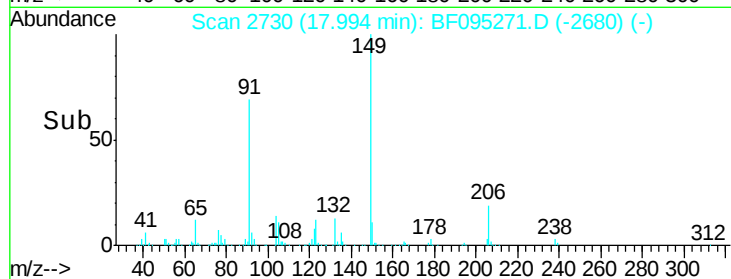
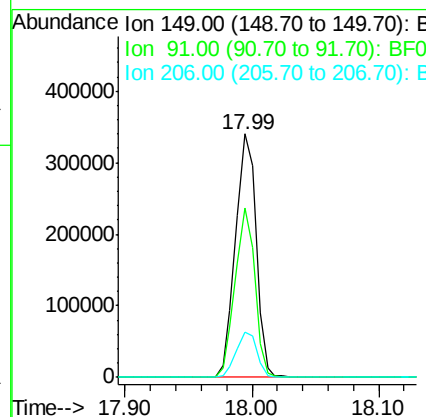
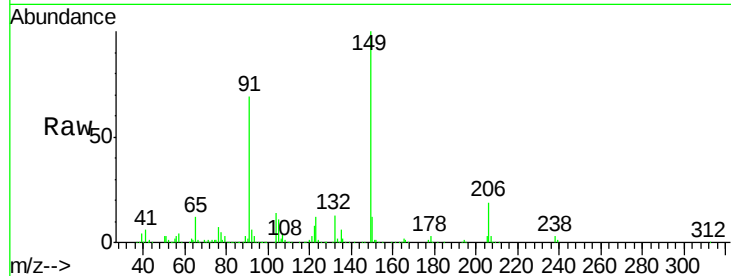
#79
Butylbenzylphthalate
Concen: 54.50 ng
RT: 17.99 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	383568		
91	69.4	45.0	67.4#	
206	18.8	17.0	25.6	

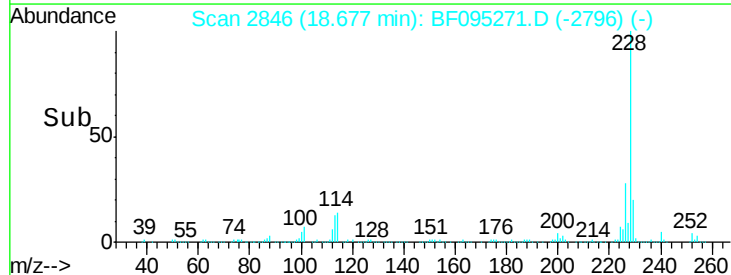
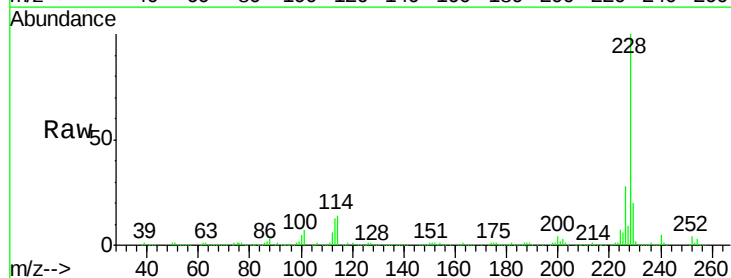
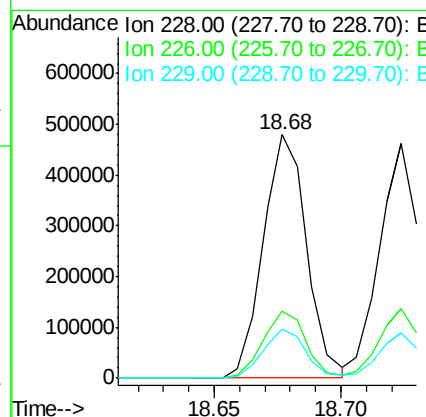
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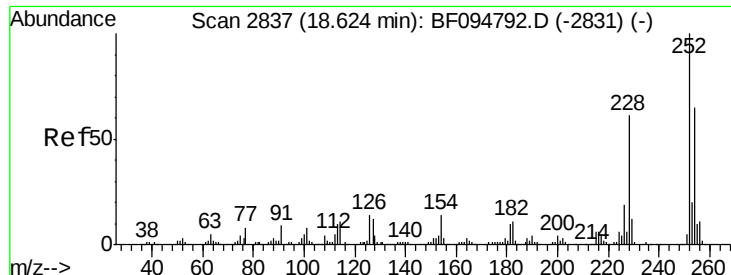
mohammad
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#80
Benzo(a)anthracene
Concen: 48.74 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	573862		
226	27.5	22.6	33.8	
229	20.3	16.3	24.5	





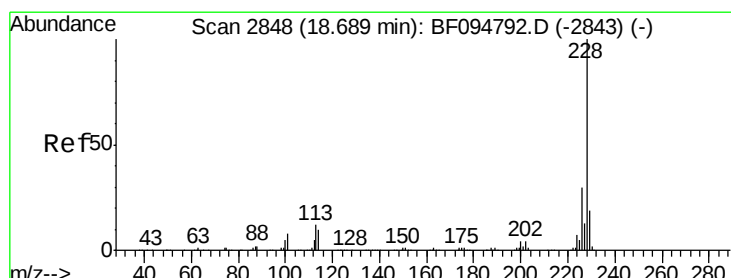
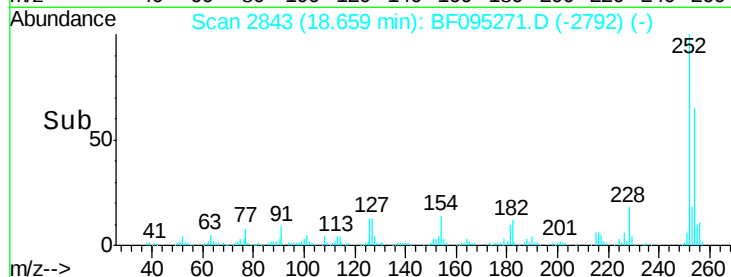
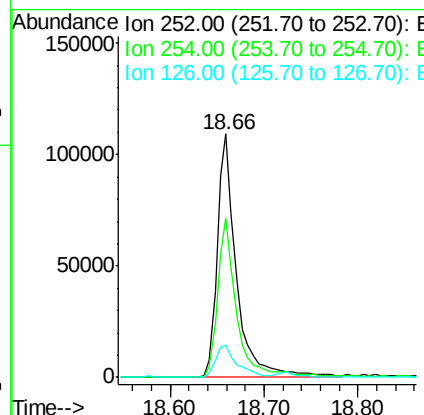
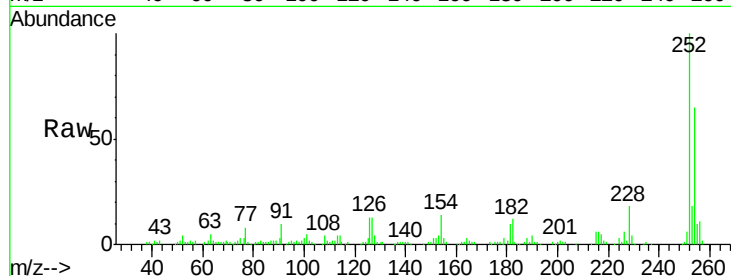
#81
 3,3'-Dichlorobenzidine
 Concen: 38.93 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampled :
 E2-T8-BAEMS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	51.5	77.3
126	13.2	15.8	23.8

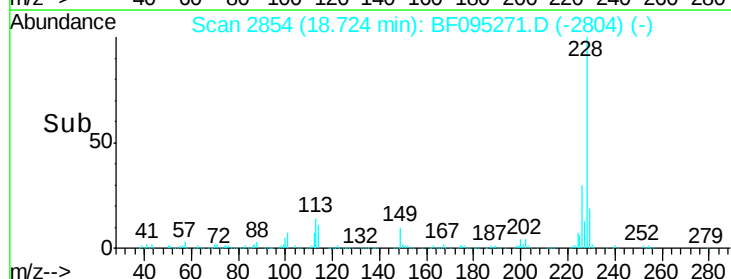
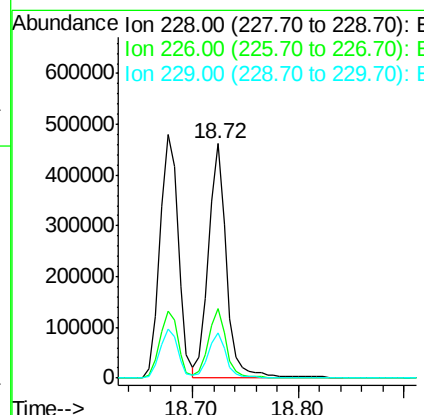
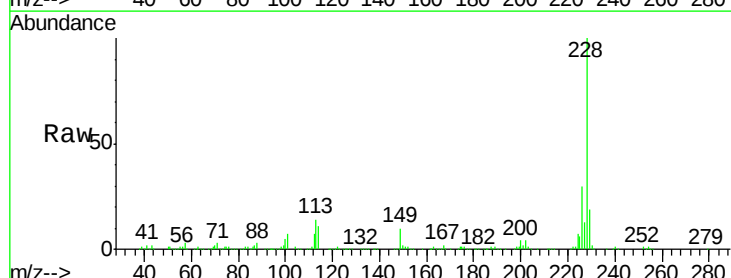
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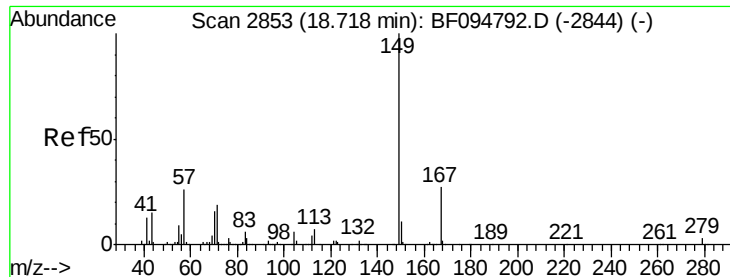
mohammad
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#82
 Chrysene
 Concen: 48.07 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.54 ng

RT: 18.74 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BF095271.D

Acq: 19 May 2017 19:30

Instrument :

BNA_F

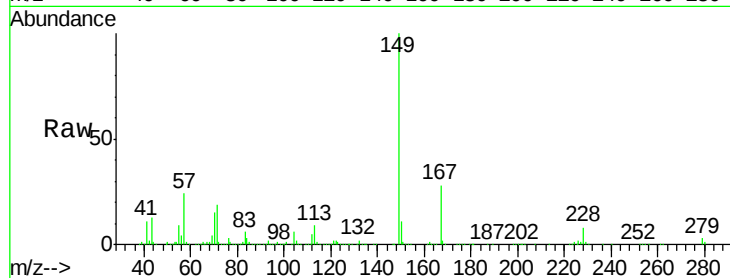
ClientSampleId :

E2-T8-BASEMS

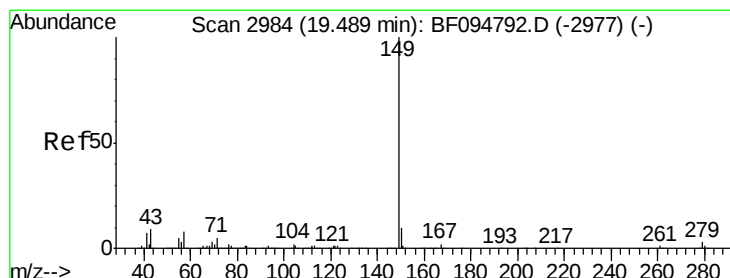
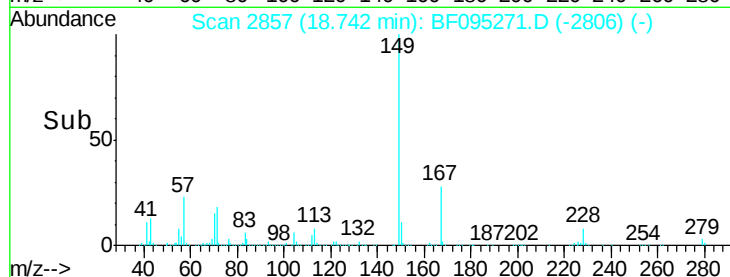
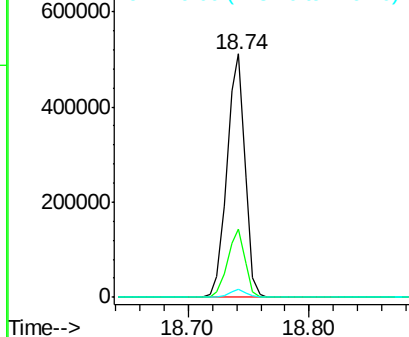
Tgt Ion:	149	Resp:	526814
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.0	31.4
279	3.4	1.9	2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.07 ng

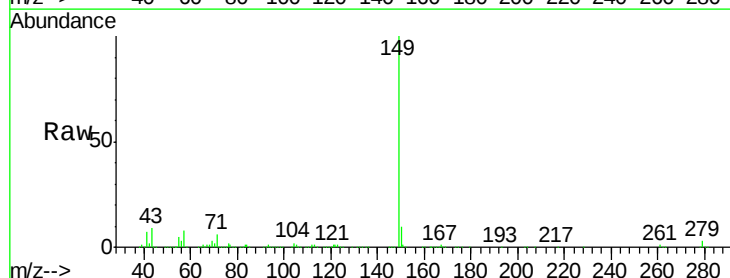
RT: 19.51 min Scan# 2987

Delta R.T. -0.01 min

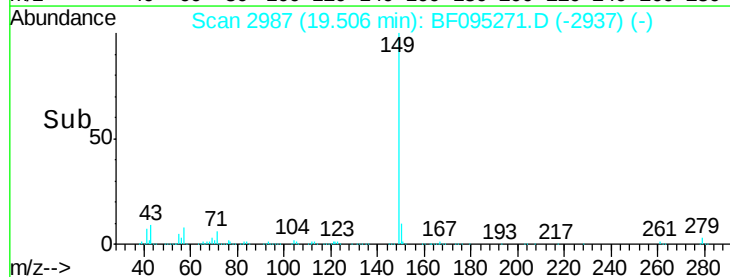
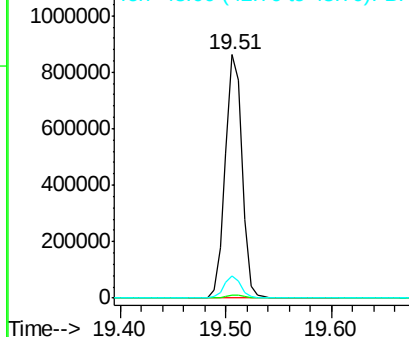
Lab File: BF095271.D

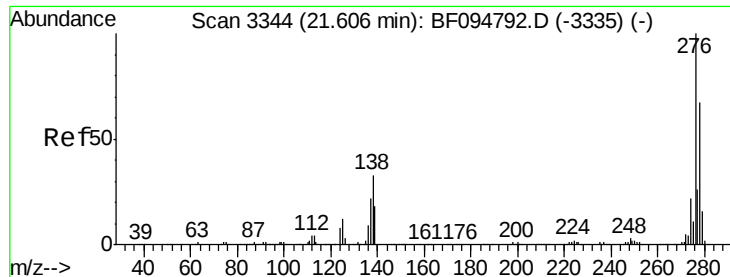
Acq: 19 May 2017 19:30

Tgt Ion:	149	Resp:	954637
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





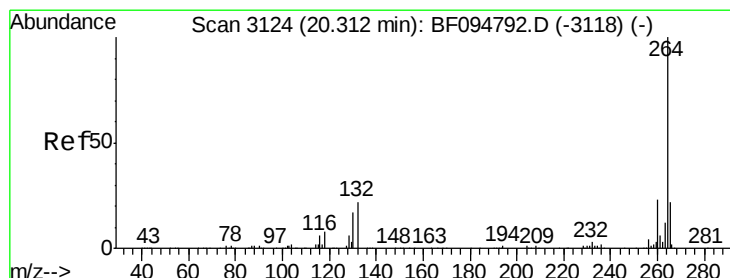
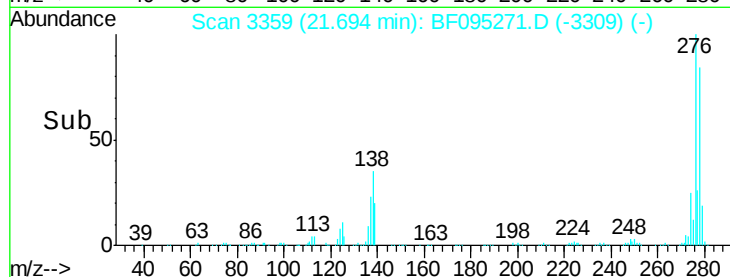
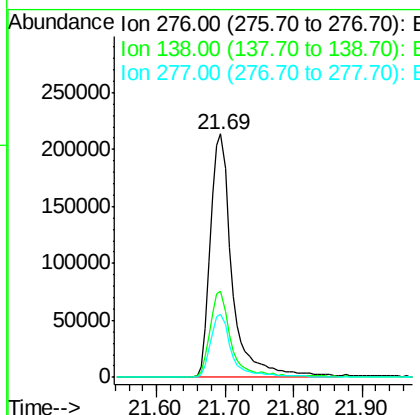
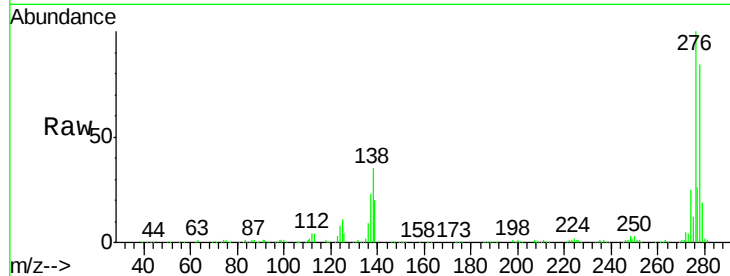
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.21 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	473511		
138	34.1	27.8	41.6	
277	25.3	20.2	30.4	

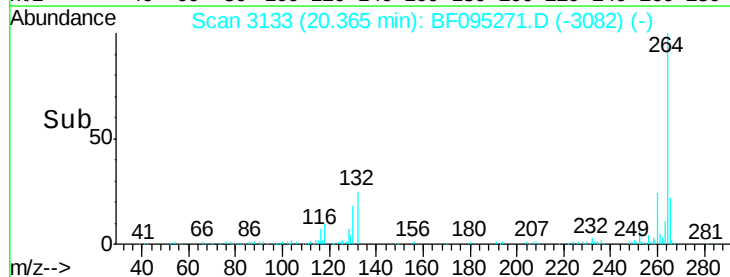
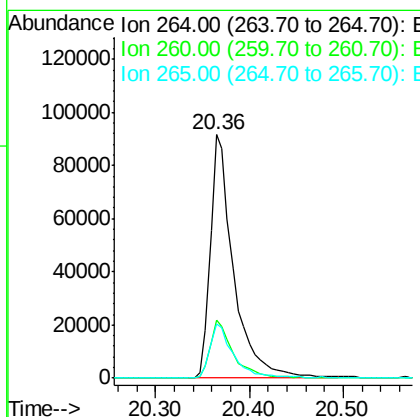
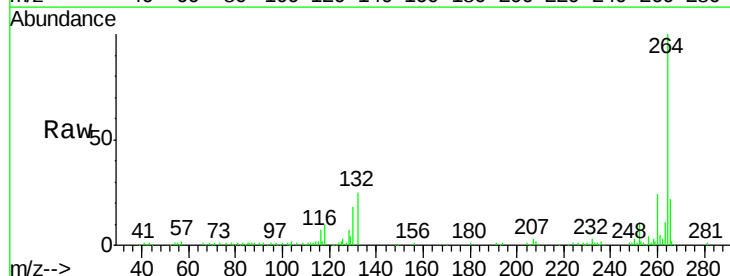
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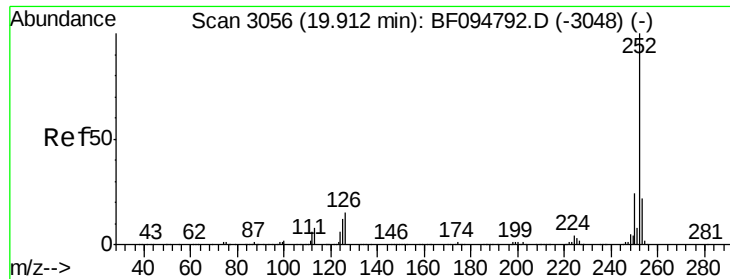
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	159472		
260	23.8	19.5	29.3	
265	22.5	17.2	25.8	





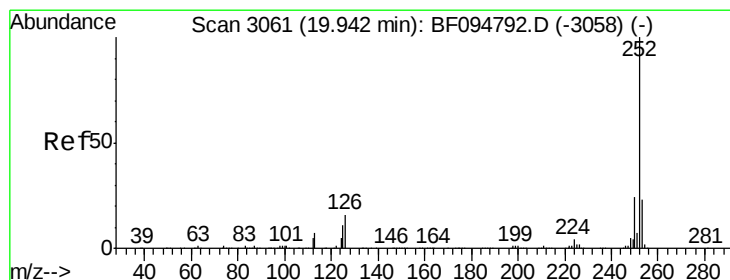
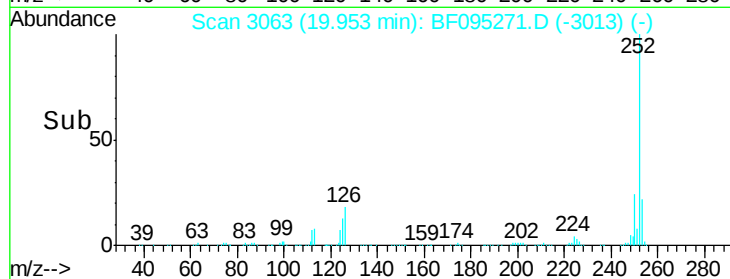
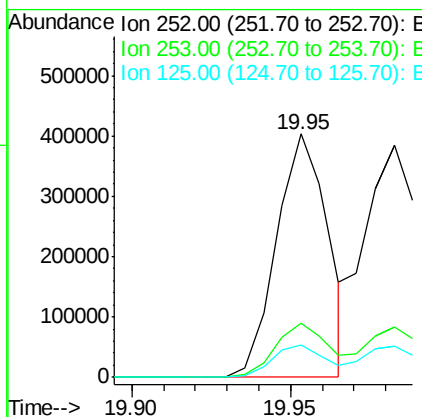
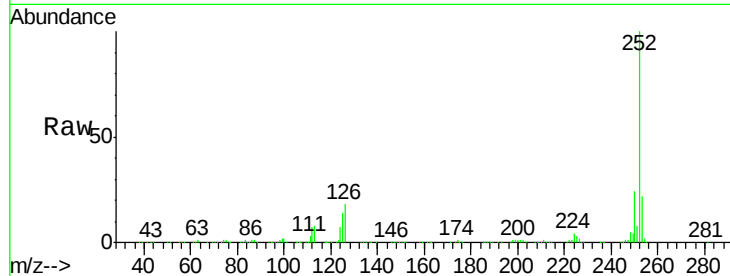
#87
Benzo(b)fluoranthene
Concen: 46.27 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.6	9.8	14.8

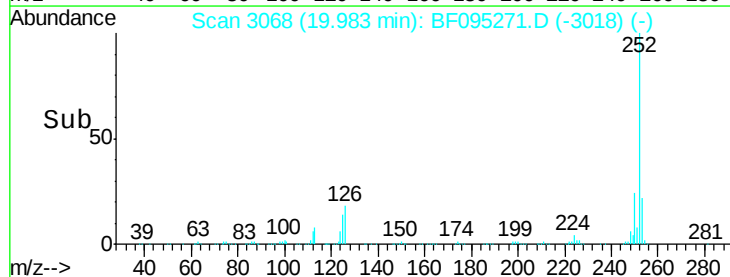
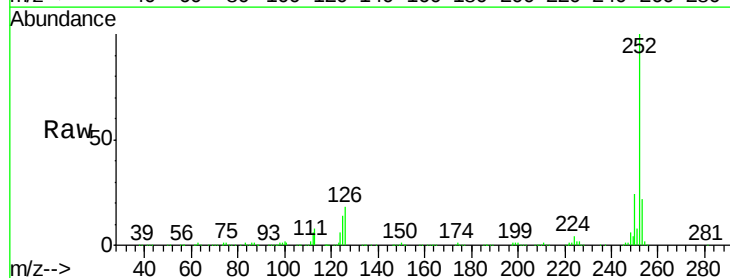
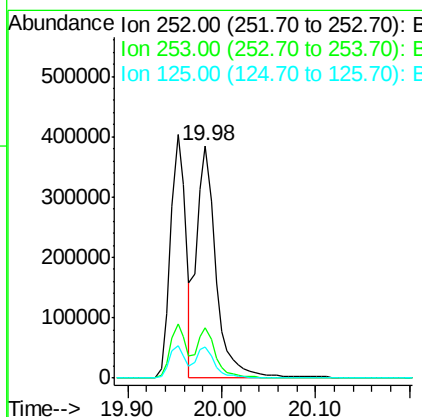
Manual Integrations
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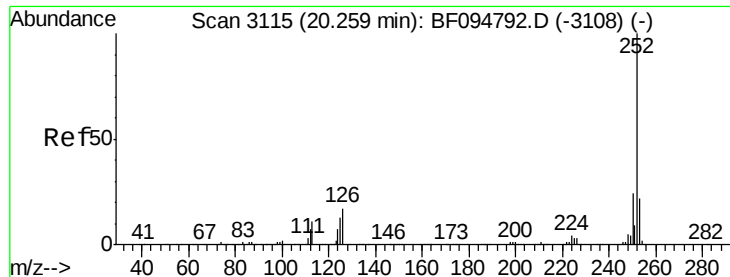
mohammad
5/22/2017 1:29:46 PM



#88
Benzo(k)fluoranthene
Concen: 57.84 ng
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.6	13.1	19.7





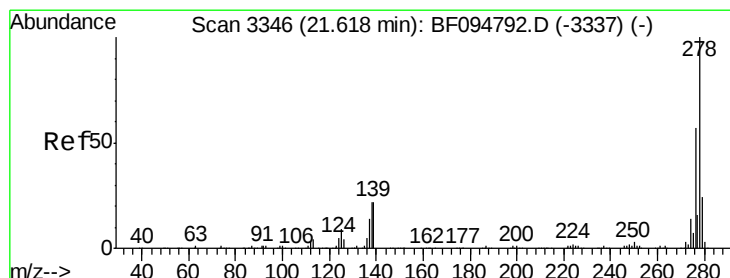
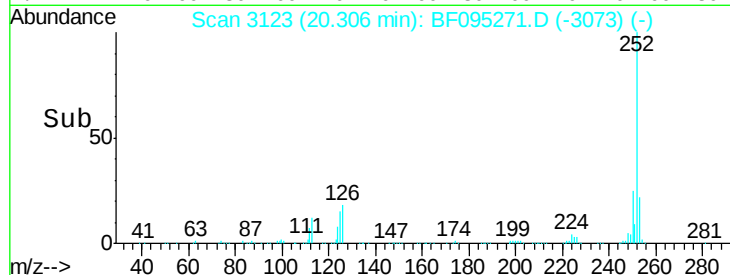
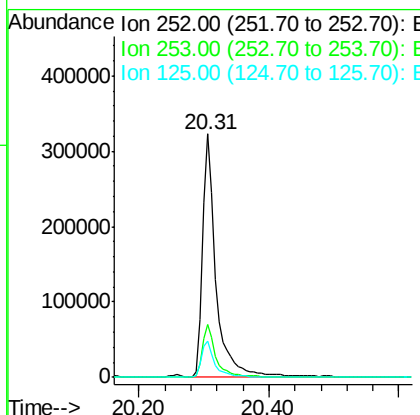
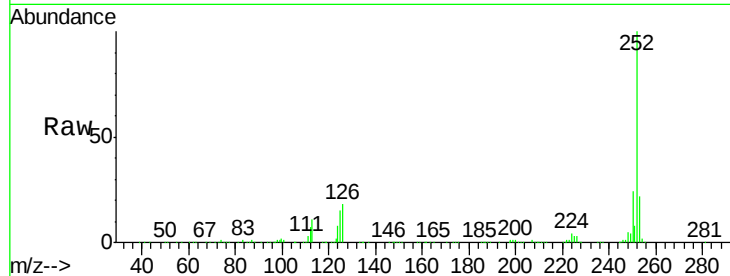
#89
Benzo(a)pyrene
Concen: 50.13 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :
E2-T8-BASEMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	15.0	11.0	16.4

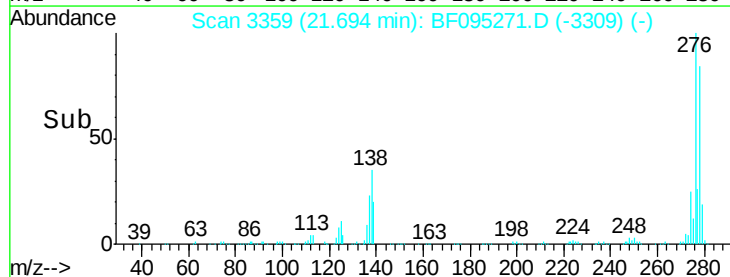
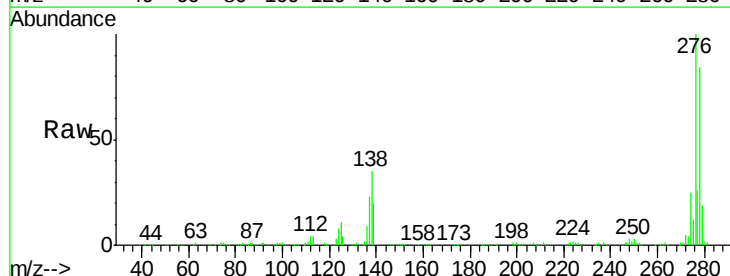
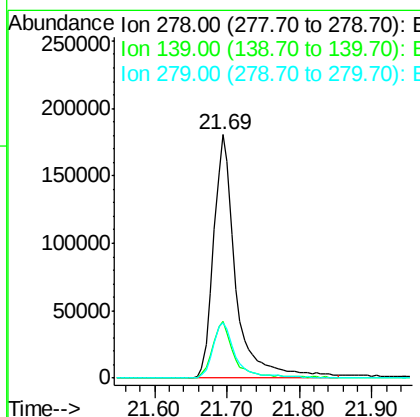
Manual Integrations
APPROVED

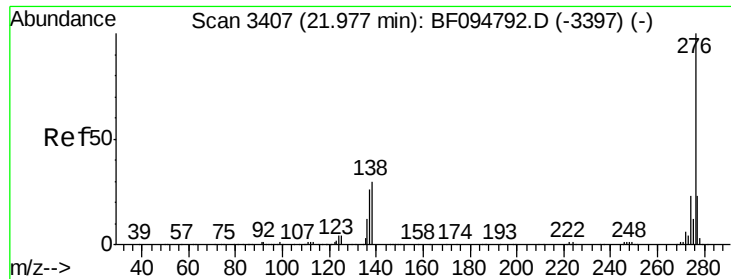
mohammad
5/22/2017 1:29:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.40 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095271.D
Acq: 19 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.6	24.8
279	22.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 55.17 ng
 RT: 22.08 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BF095271.D
 Acq: 19 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-T8-BASEMS

Tgt Ion:	276	Resp:	406531
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.6	28.0
138	29.0	25.4	38.0

Manual Integrations
 APPROVED

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