

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095229.D
 Acq On : 18 May 2017 18:49
 Operator : SJ/MA
 Sample : I3140-18MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MS

Manual Integrations
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mohammad
 5/19/2017 3:40:01 PM

Quant Time: May 19 08:26:11 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	7.78	152	98889	20.00	ng	0.01
21) Naphthalene-d8	9.78	136	401139	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	186737	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	336367	20.00	ng	0.00
75) Chrysene-d12	18.69	240	226685	20.00	ng	0.00
86) Perylene-d12	20.37	264	129052	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	778284	131.21	ng	0.03
7) Phenol-d6	7.32	99	903718	126.98	ng	0.01
23) Nitrobenzene-d5	8.68	82	597494	93.93	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	220208	143.99	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1179727	90.93	ng	0.00
78) Terphenyl-d14	17.35	244	1014426	98.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	95572	32.85	ng	# 83
3) Pyridine	3.10	79	152583m	22.63	ng	
4) n-Nitrosodimethylamine	2.98	42	95674	34.04	ng	# 76
6) Aniline	7.30	93	112319	12.50	ng	97
8) 2-Chlorophenol	7.47	128	300633	44.53	ng	95
9) Benzaldehyde	7.11	77	73450	16.90	ng	99
10) Phenol	7.34	94	288681	38.49	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	266297	43.01	ng	94
12) 1,3-Dichlorobenzene	7.68	146	296202	38.68	ng	98
13) 1,4-Dichlorobenzene	7.80	146	309360	39.83	ng	97
14) 1,2-Dichlorobenzene	8.04	146	293428	40.48	ng	96
15) Benzyl Alcohol	8.07	79	231810	50.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	362926	41.42	ng	82
17) 2-Methylphenol	8.27	107	246253	44.57	ng	97
18) Hexachloroethane	8.55	117	101170	38.45	ng	87
19) n-Nitroso-di-n-propylamine	8.48	70	219455	45.59	ng	92
20) 3+4-Methylphenols	8.54	107	315569	42.03	ng	# 59
22) Acetophenone	8.45	105	438322	45.54	ng	# 84
24) Nitrobenzene	8.71	77	302889	45.43	ng	94
25) Isophorone	9.11	82	552877	48.67	ng	95
26) 2-Nitrophenol	9.21	139	170429	47.37	ng	96
27) 2,4-Dimethylphenol	9.34	122	268152	46.10	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	347116	44.17	ng	99
29) 2,4-Dichlorophenol	9.64	162	248407	45.23	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	252319	42.88	ng	98
31) Naphthalene	9.82	128	897154	44.50	ng	99
32) Benzoic acid	9.69	122	153323	40.98	ng	96
33) 4-Chloroaniline	10.02	127	36691	4.88	ng	# 94
34) Hexachlorobutadiene	10.04	225	127198	40.97	ng	98
35) Caprolactam	10.62	113	633333m	38.40	ng	
36) 4-Chloro-3-methylphenol	10.82	107	274759	46.79	ng	87
37) 2-Methylnaphthalene	10.95	142	642704	48.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	246522	42.93	ng	99
40) Hexachlorocyclopentadiene	11.20	237	160457	67.49	ng	99

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Manual Integrations
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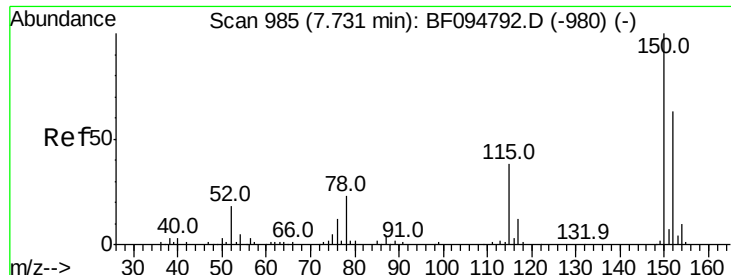
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	179553	46.83	nq	97
43) 2,4,5-Trichlorophenol	11.55	196	170691	41.42	nq #	93
45) 1,1'-Biphenyl	11.71	154	709288	45.11	nq	98
46) 2-Chloronaphthalene	11.73	162	553048	43.56	nq	95
47) 2-Nitroaniline	11.95	65	150821	43.41	nq	88
48) Acenaphthylene	12.39	152	887646	44.64	nq	99
49) Dimethylphthalate	12.27	163	667677	43.55	nq	99
50) 2,6-Dinitrotoluene	12.36	165	149185	47.70	nq	96
51) Acenaphthene	12.67	154	527910	44.45	nq	100
52) 3-Nitroaniline	12.65	138	41775	12.44	nq	83
53) 2,4-Dinitrophenol	12.84	184	152641	87.94	nq #	68
54) Dibenzofuran	12.96	168	811079	49.35	nq	99
55) 4-Nitrophenol	13.03	139	138804	68.85	nq #	67
56) 2,4-Dinitrotoluene	13.02	165	196916	49.00	nq #	87
57) Fluorene	13.52	166	642790	44.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	126455	48.76	nq	95
59) Diethylphthalate	13.41	149	637000	43.35	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	286816	45.67	nq	91
61) 4-Nitroaniline	13.64	138	90196	29.27	nq	96
62) Azobenzene	13.79	77	581769	49.27	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	103322	45.82	nq #	65
65) n-Nitrosodiphenylamine	13.75	169	453293	37.13	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	162705	45.78	nq	99
67) Hexachlorobenzene	14.41	284	162552	44.63	nq #	88
68) Atrazine	14.67	200	71791	20.83	nq	98
69) Pentachlorophenol	14.77	266	134844	81.75	nq	93
70) Phenanthrene	15.07	178	876849	45.37	nq	98
71) Anthracene	15.15	178	861520	43.64	nq	98
72) Carbazole	15.42	167	661656	36.84	nq	97
73) Di-n-butylphthalate	15.99	149	986902	44.06	nq	98
74) Fluoranthene	16.80	202	882094	44.49	nq	100
77) Pyrene	17.11	202	870860	51.37	nq	98
79) Butylbenzylphthalate	18.00	149	398124	50.49	nq	87
80) Benzo(a)anthracene	18.68	228	608808	46.15	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	17745	3.89	nq #	96
82) Chrysene	18.72	228	600794	47.10	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	569078	50.65	nq #	98
84) Di-n-octyl phthalate	19.51	149	890061	48.32	nq	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	440148	42.49	nq	99
87) Benzo(b)fluoranthene	19.96	252	405255	50.82	nq	99
88) Benzo(k)fluoranthene	19.99	252	454664	59.11	nq #	94
89) Benzo(a)pyrene	20.31	252	391811	53.25	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	354455	58.33	nq	99
91) Benzo(g,h,i)perylene	22.08	276	399237	66.95	nq	95

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

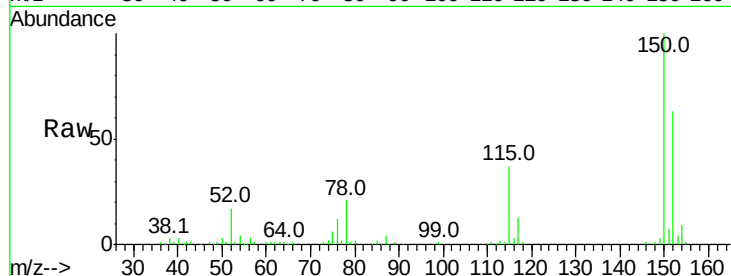
Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	58.1	52.2	78.2

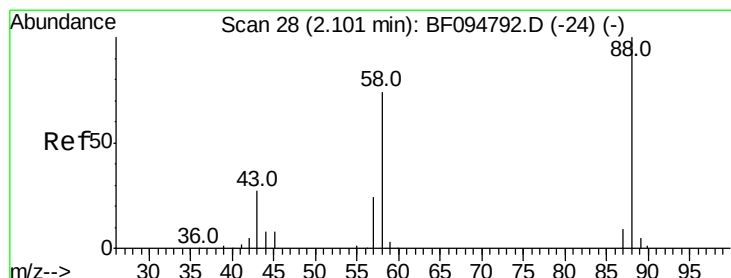
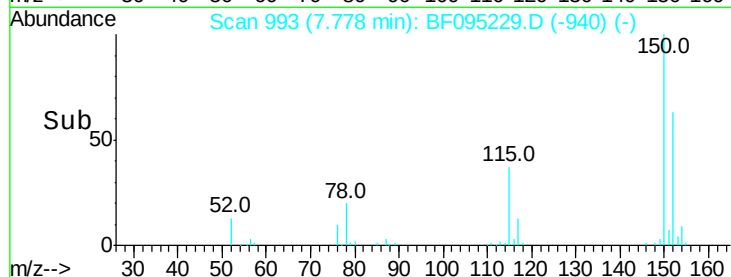
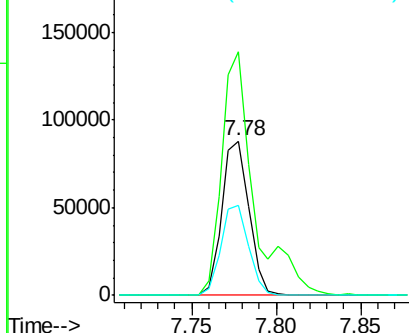
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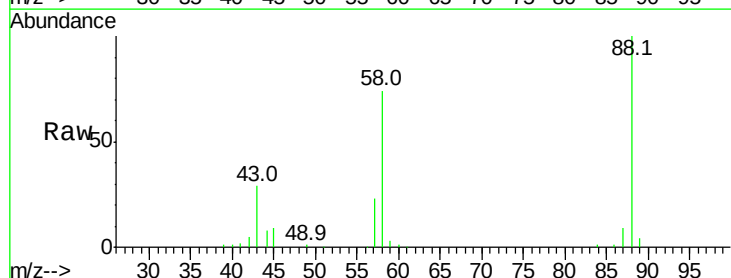
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



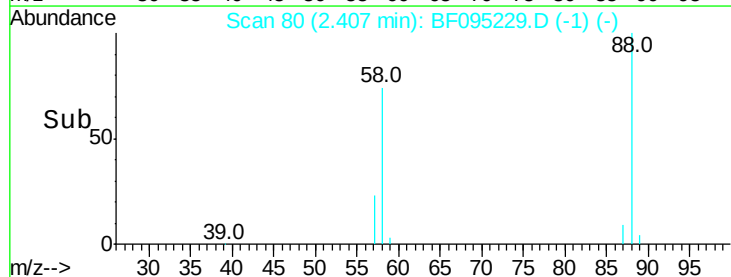
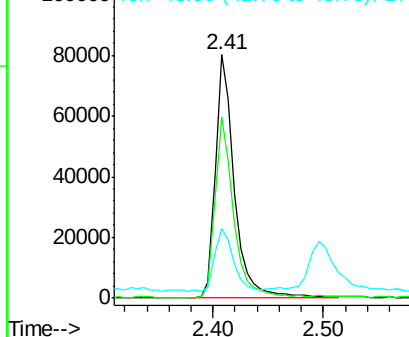
#2

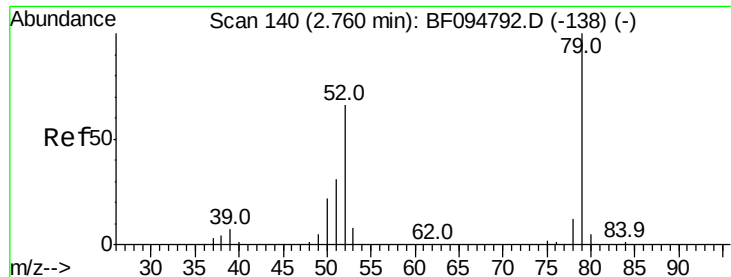
1,4-Dioxane
Concen: 32.85 ng
RT: 2.41 min Scan# 80
Delta R.T. 0.18 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	61.4	92.0
43	0.0	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.63 ng/ml

RT: 3.10 min Scan# 197

Delta R.T. 0.17 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

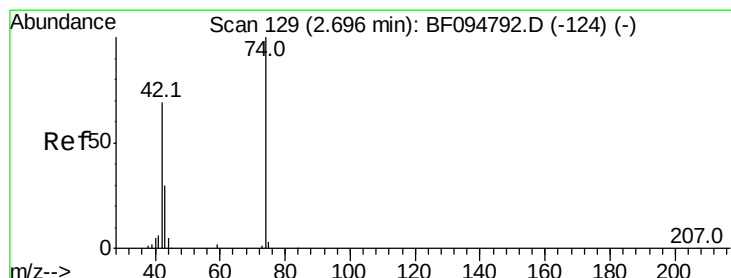
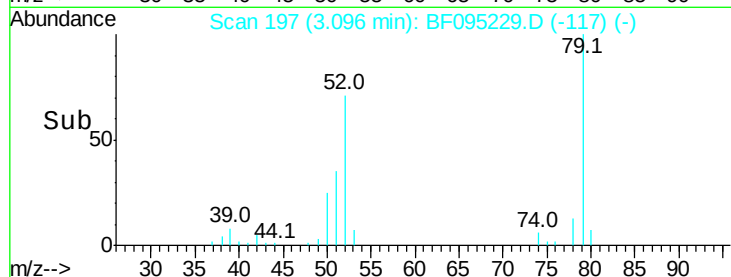
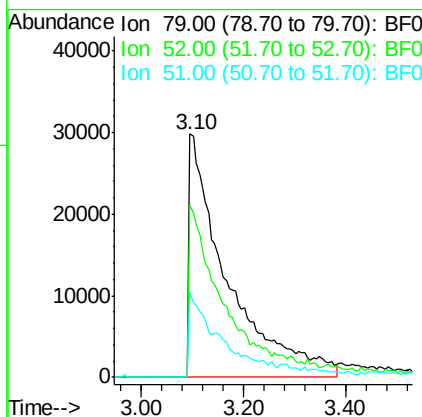
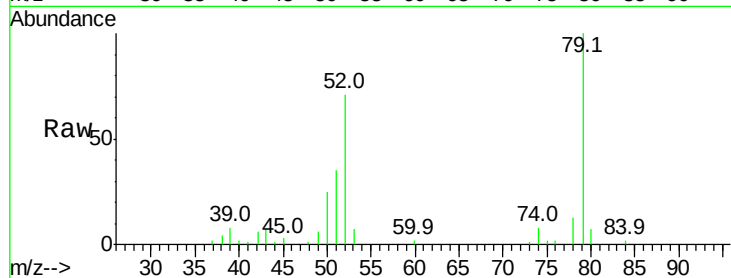
TP-25-6MS

Tot Ion:	79	Resp:	152583
Ion Ratio	Lower	Upper	
79	100		
52	70.6	54.8	82.2
51	35.1	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 34.04 ng/ml

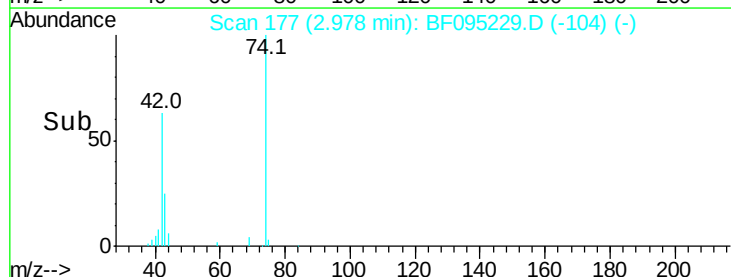
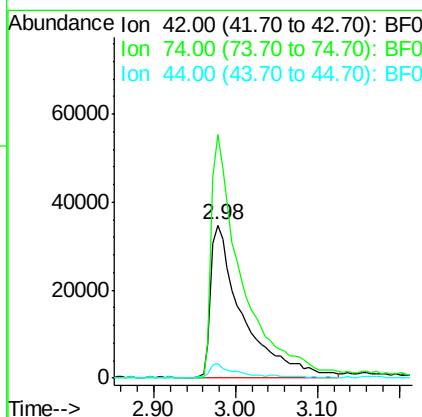
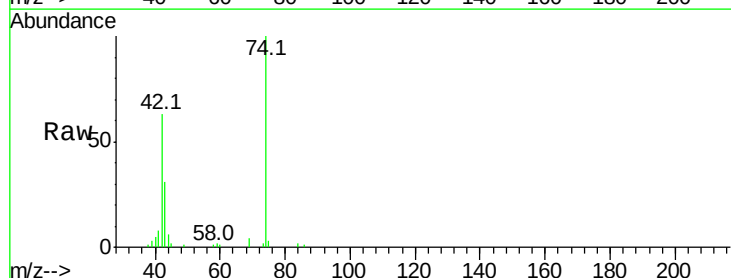
RT: 2.98 min Scan# 177

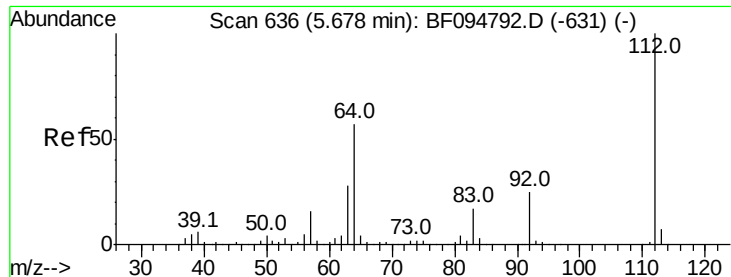
Delta R.T. 0.13 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	42	Resp:	95674
Ion Ratio	Lower	Upper	
42	100		
74	158.8	103.9	155.9#
44	9.3	5.7	8.5#





#5
2-Fluorophenol
Concen: 131.21 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.03 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

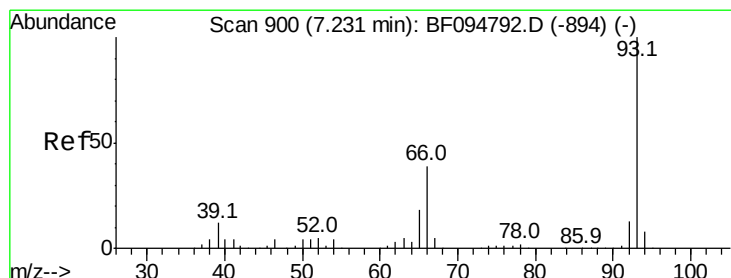
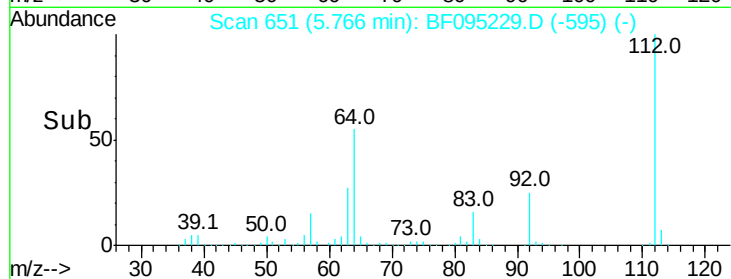
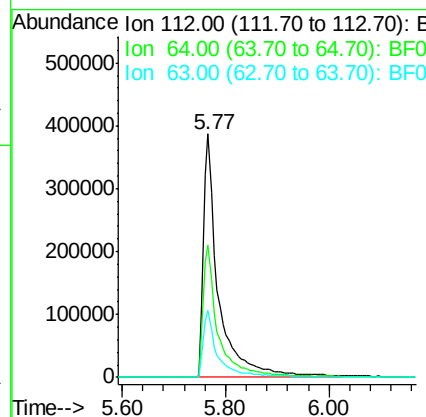
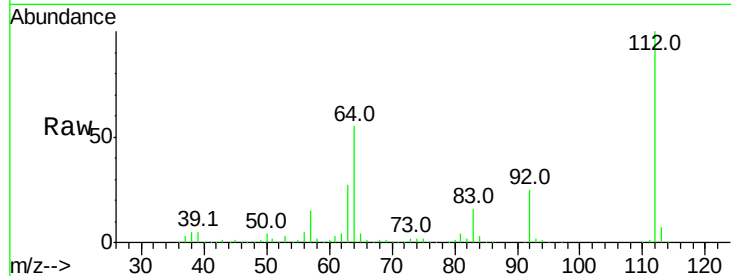
Instrument :
BNA_F
ClientSampled :
TP-25-6MS

Tot Ion:	112	Resp:	778284
Ion Ratio	Lower	Upper	
112	100		
64	54.6	46.0	69.0
63	27.3	23.4	35.0

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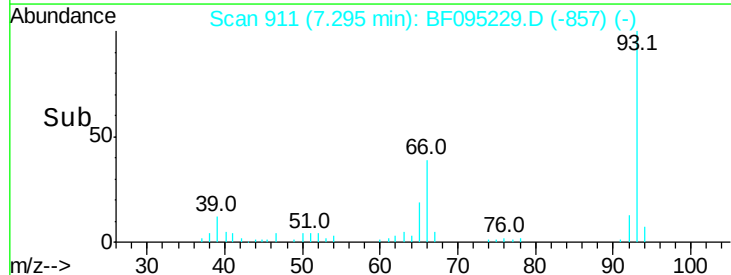
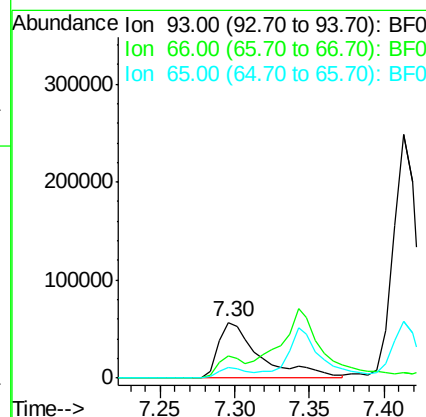
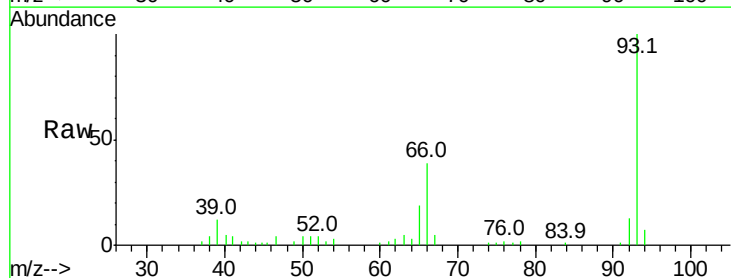
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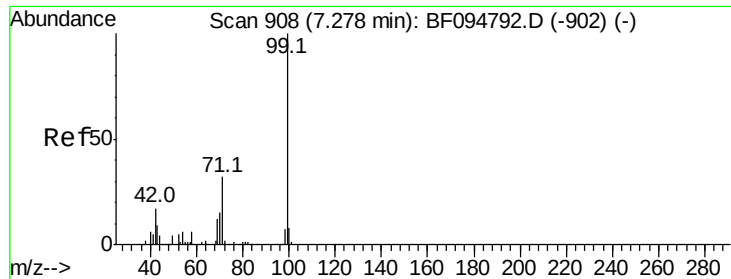
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#6
Aniline
Concen: 12.50 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.02 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:	93	Resp:	112319
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.9	49.3
65	19.3	16.0	24.0





#7

Phenol-d6

Concen: 126.98 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

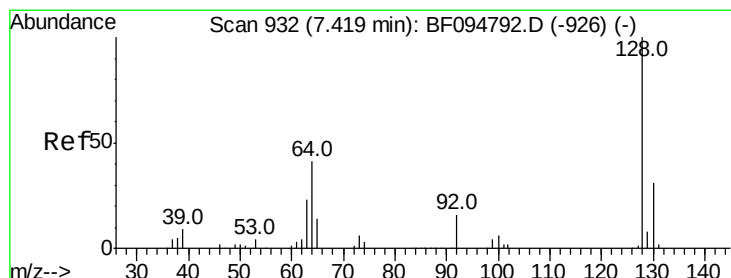
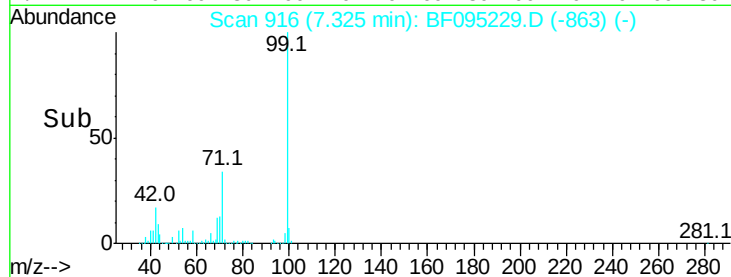
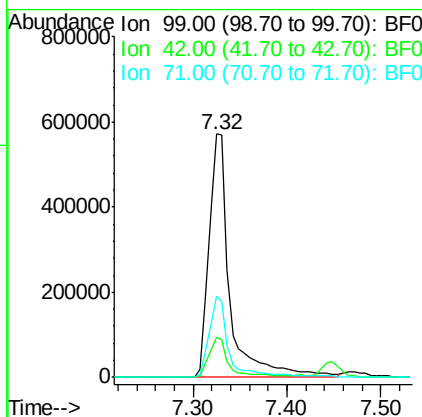
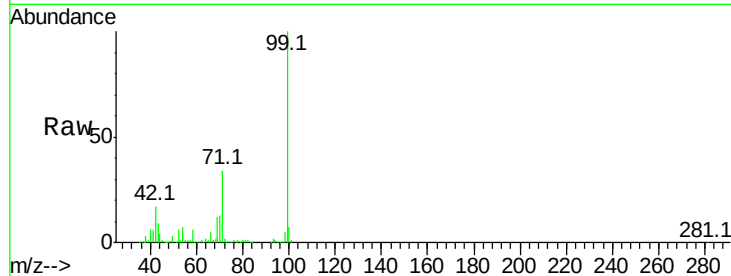
TP-25-6MS

Tot Ion:	99	Resp:	903718
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.5	20.3
71	33.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 44.53 ng

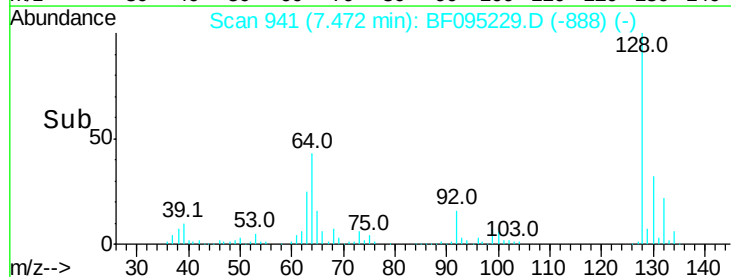
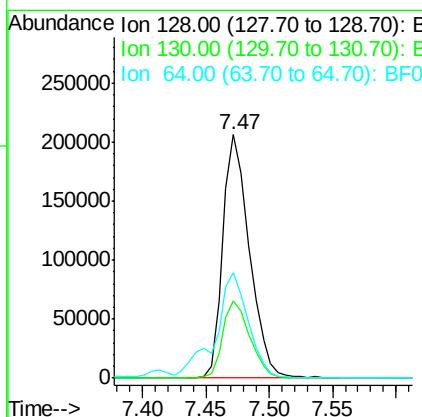
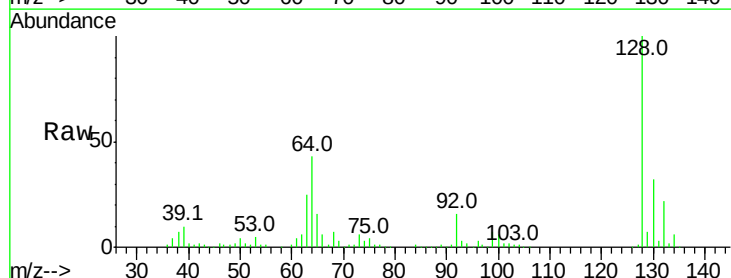
RT: 7.47 min Scan# 941

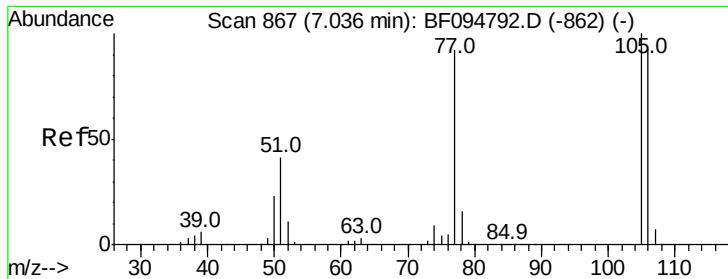
Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	128	Resp:	300633
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.9	52.9
64	43.5	28.4	68.4





#9

Benzaldehyde

Concen: 16.90 ng

RT: 7.11 min Scan# 880

Delta R.T. 0.02 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

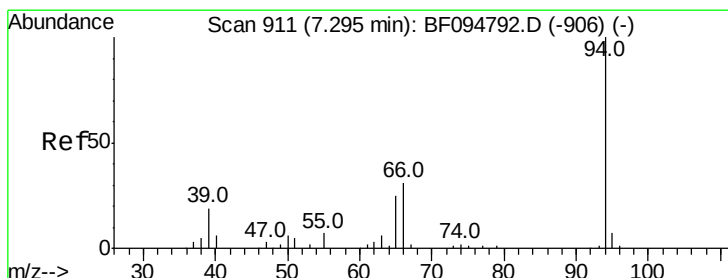
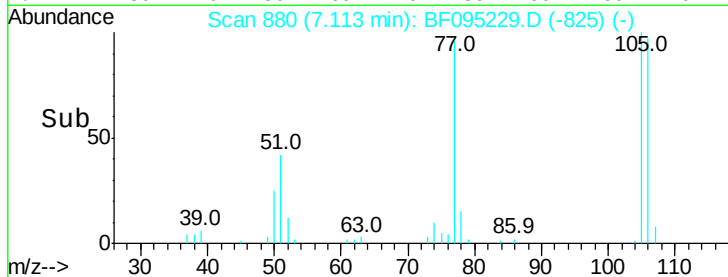
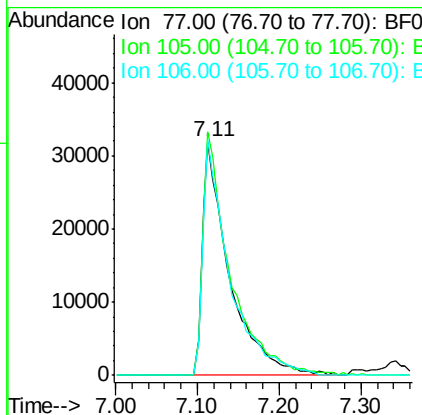
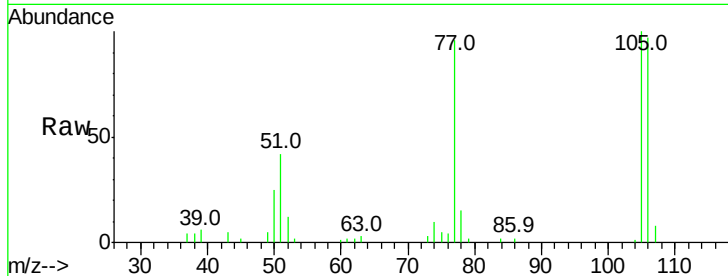
TP-25-6MS

Tot Ion:	77	Resp:	73450
Ion	Ratio	Lower	Upper
77	100		
105	104.1	83.8	123.8
106	100.7	79.1	119.1

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#10

Phenol

Concen: 38.49 ng

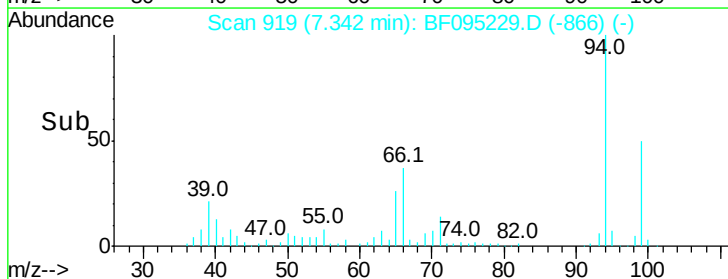
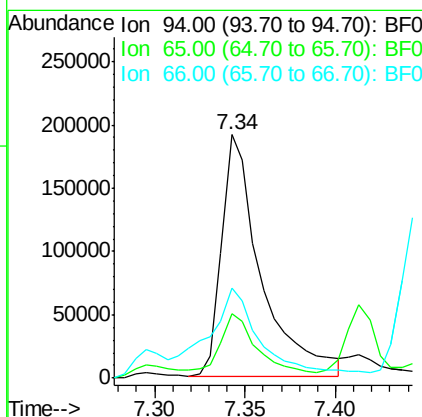
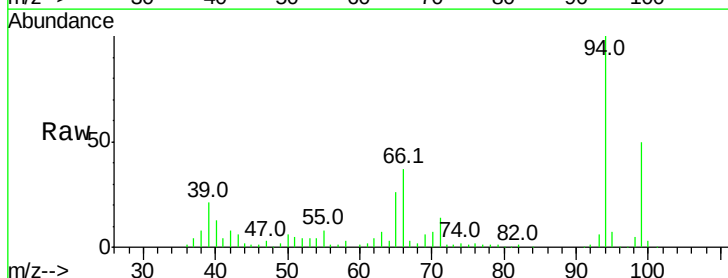
RT: 7.34 min Scan# 919

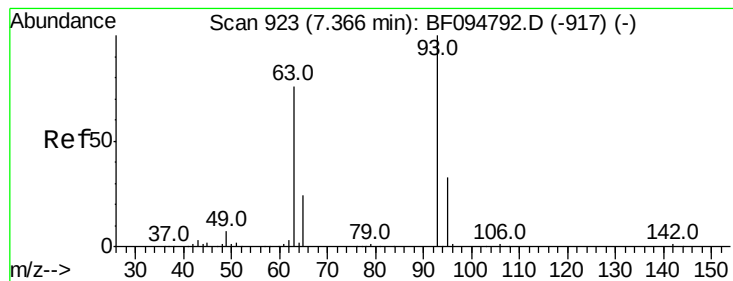
Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	94	Resp:	288681
Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.9	49.9
66	37.1	23.1	63.1





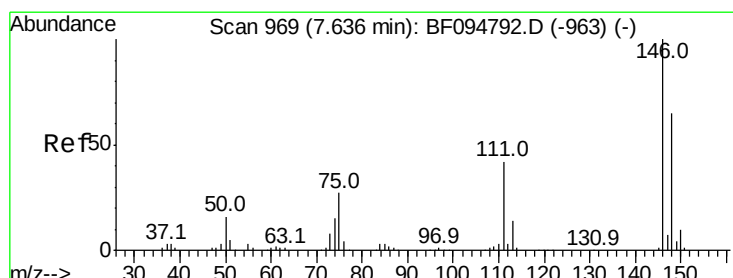
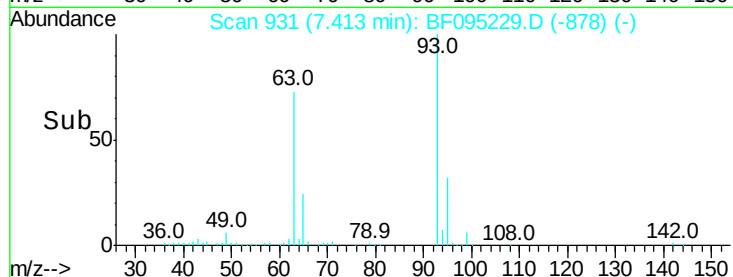
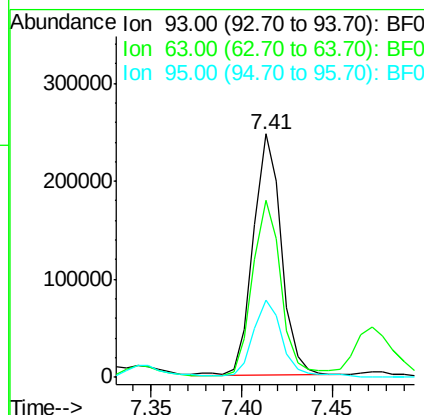
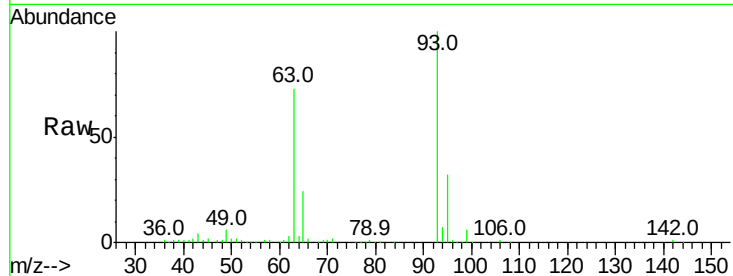
#11
bis(2-Chloroethyl)ether
Concen: 43.01 ng
RT: 7.41 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	93	Resp	266297
Ion Ratio	Lower	Upper	
93	100		
63	72.9	59.2	99.2
95	31.9	12.8	52.8

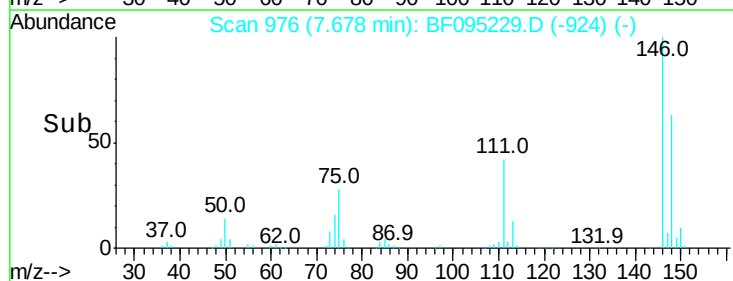
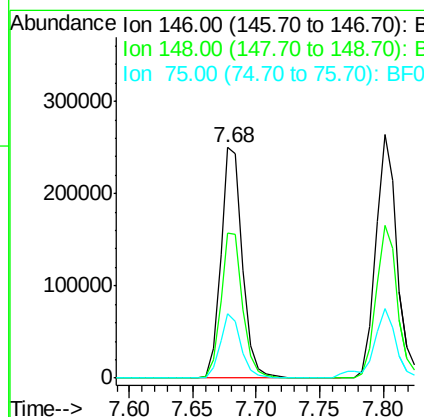
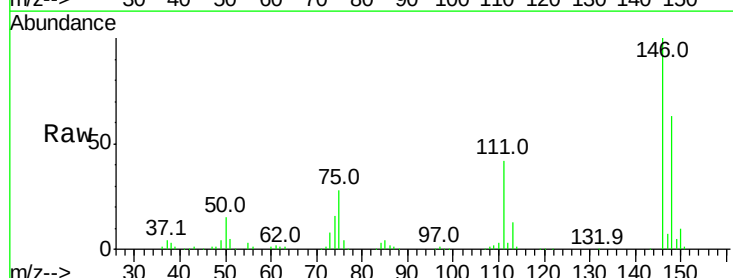
Manual Integrations
APPROVED

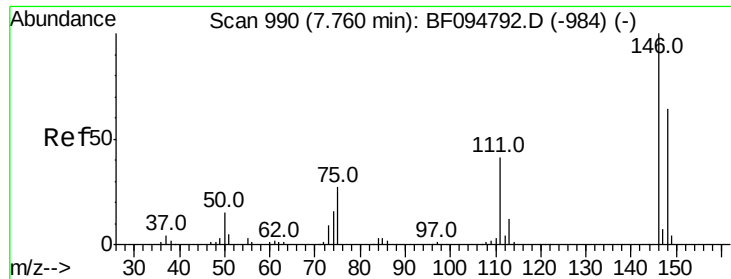
mohammad
5/19/2017 3:40:01 PM



#12
1,3-Dichlorobenzene
Concen: 38.68 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	146	Resp	296202
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.6
75	28.1	23.1	34.7





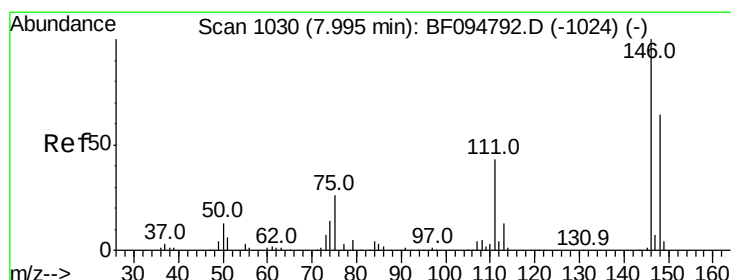
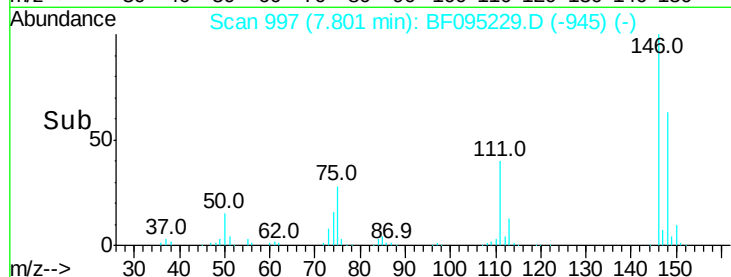
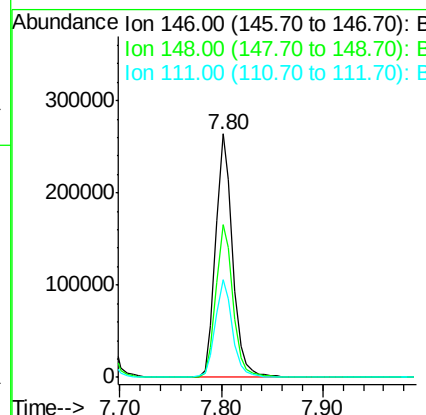
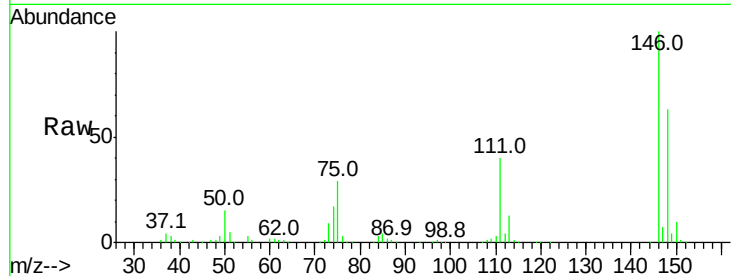
#13
 1,4-Dichlorobenzene
 Concen: 39.83 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	40.1	30.3	45.5

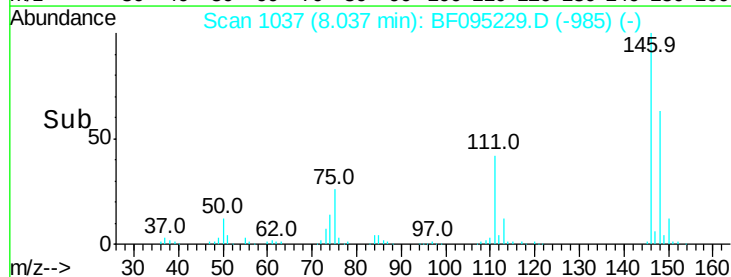
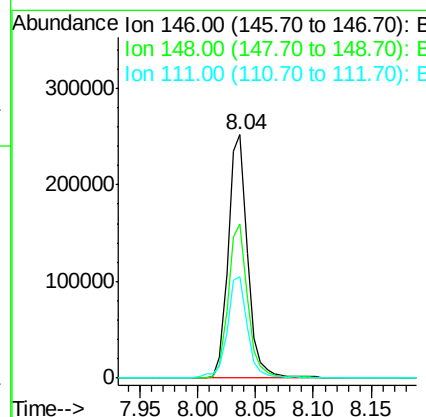
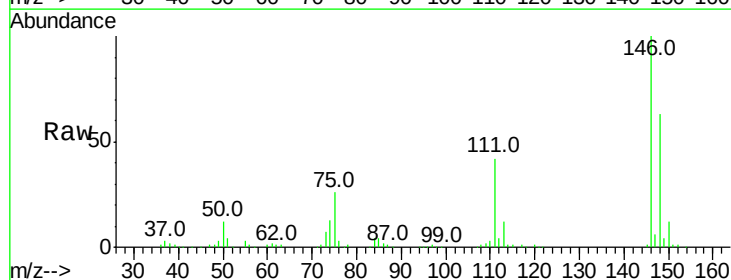
Manual Integrations
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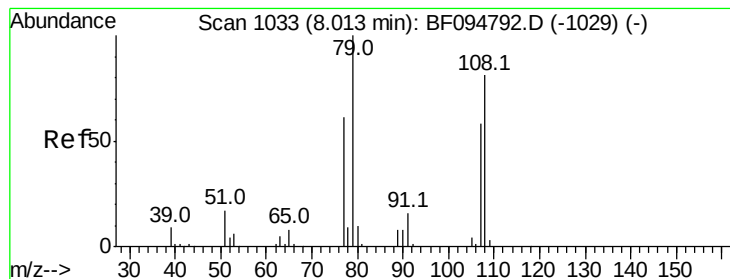
mohammad
 5/19/2017 3:40:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.48 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	41.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 50.64 ng

RT: 8.07 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

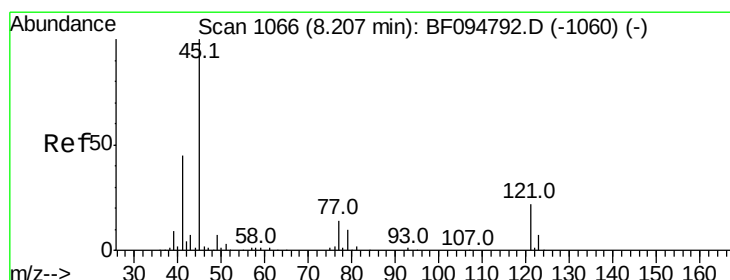
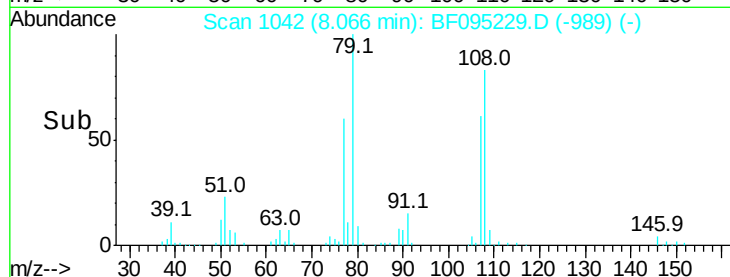
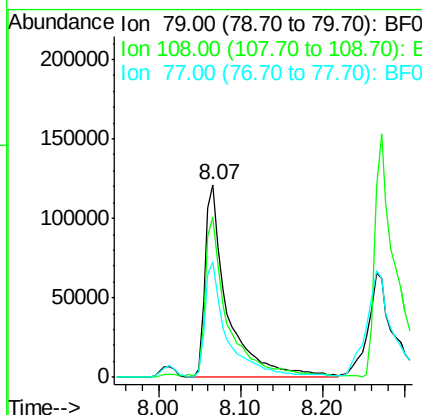
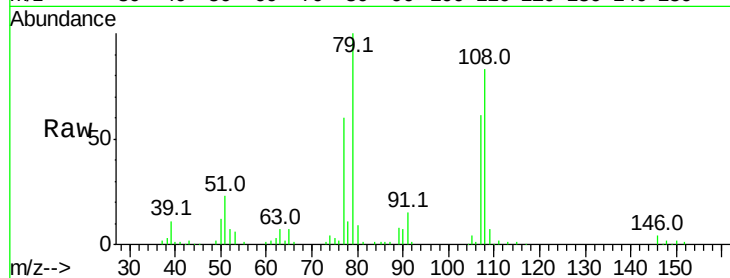
TP-25-6MS

Tot Ion:	79	Resp:	231810
Ion Ratio	Lower	Upper	
79	100		
108	83.5	63.4	95.0
77	60.0	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.42 ng

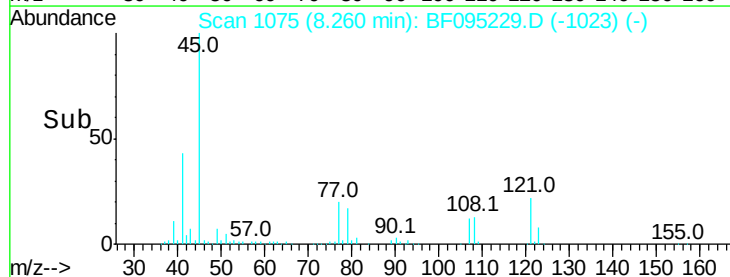
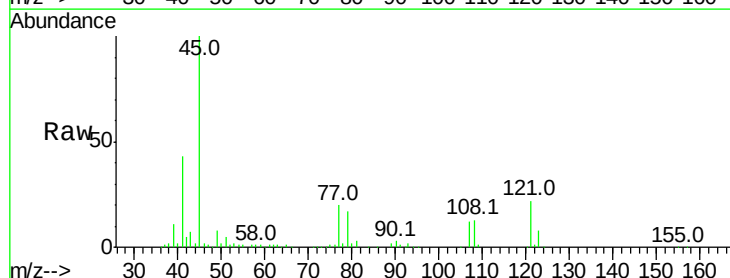
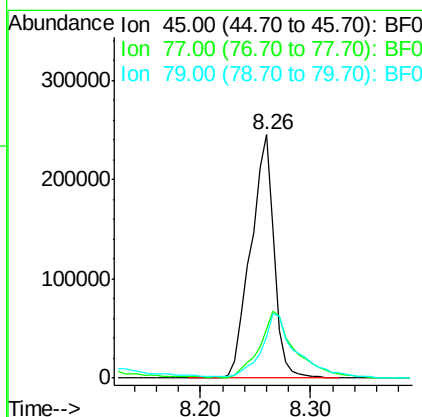
RT: 8.26 min Scan# 1075

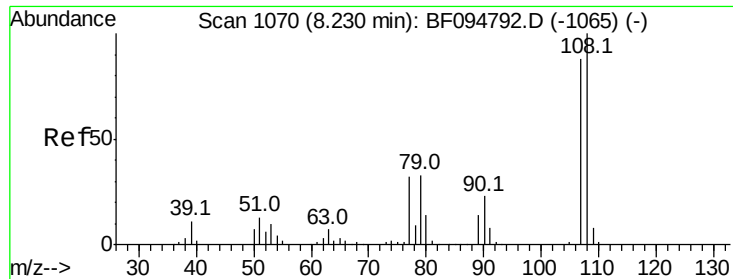
Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	45	Resp:	362926
Ion Ratio	Lower	Upper	
45	100		
77	20.1	0.0	33.2
79	17.2	0.0	30.0





#17
2-Methylphenol
Concen: 44.57 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

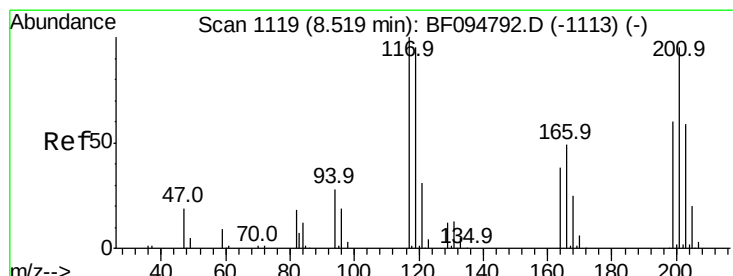
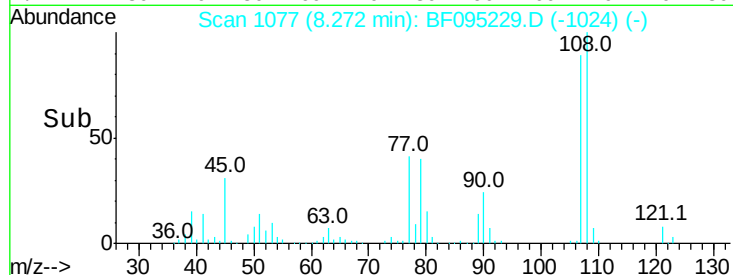
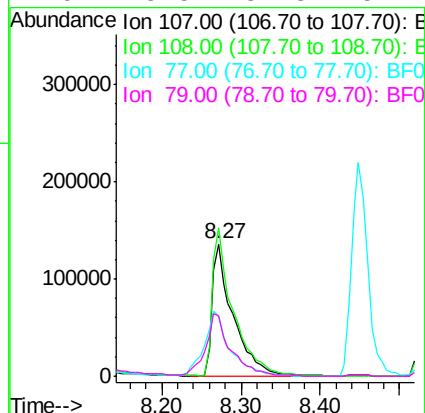
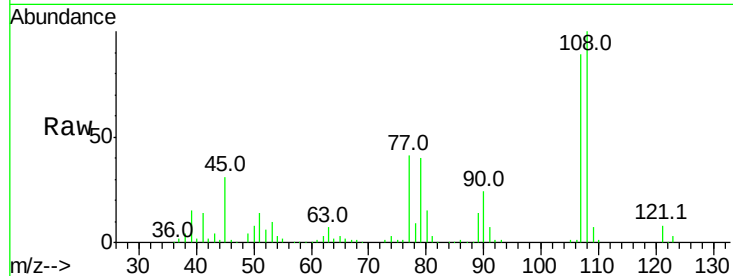
Instrument :
BNA_F
ClientSampled :
TP-25-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	112.3	93.4	140.0	
77	77	45.5	35.8	53.6	
79	79	45.5	34.8	52.2	

Manual Integrations
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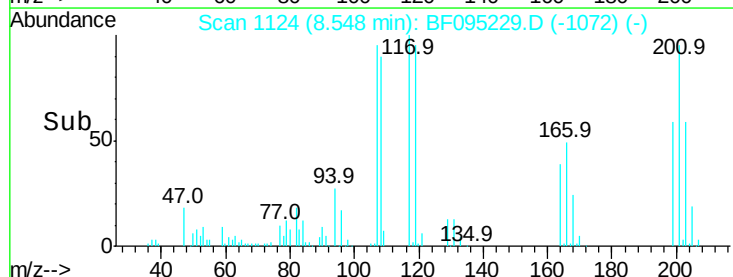
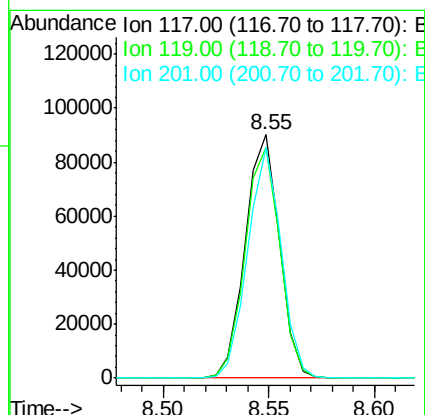
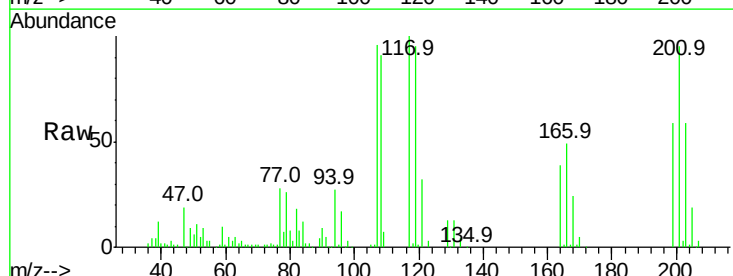
mohammad

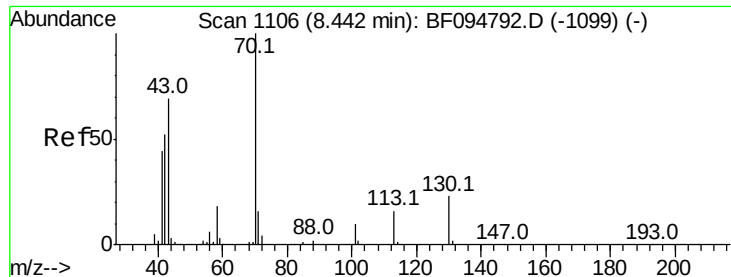
5/19/2017 3:40:01 PM



#18
Hexachloroethane
Concen: 38.45 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.7	77.4	116.0	
201	201	94.7	94.6	141.8	





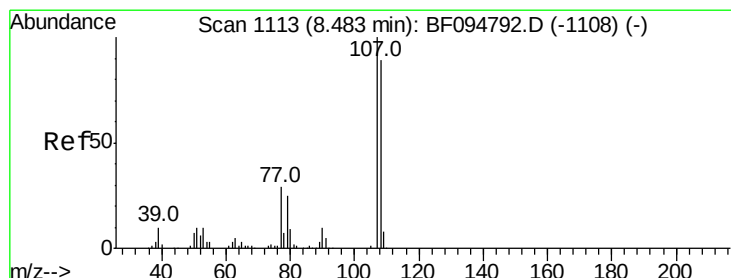
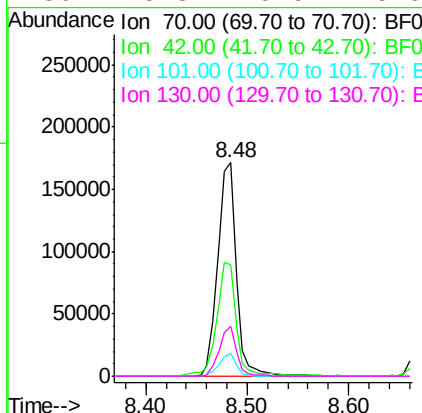
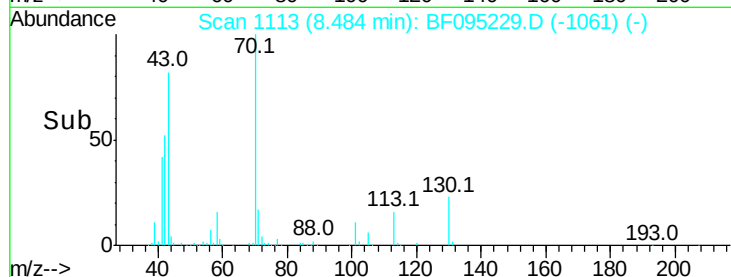
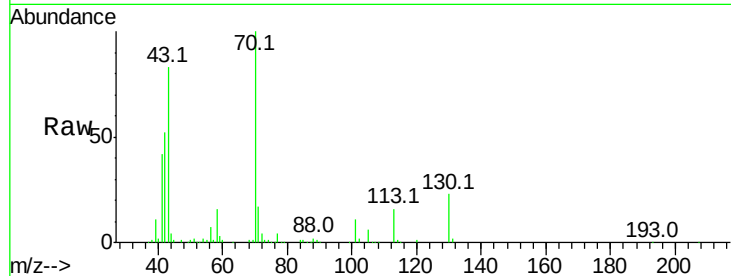
#19
n-Nitroso-di-n-propylamine
Concen: 45.59 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampled :
TP-25-6MS

Tot Ion	70	Resp	219455
Ion Ratio	Lower	Upper	
70	100		
42	52.1	47.2	70.8
101	10.7	7.2	10.8
130	23.3	15.9	23.9

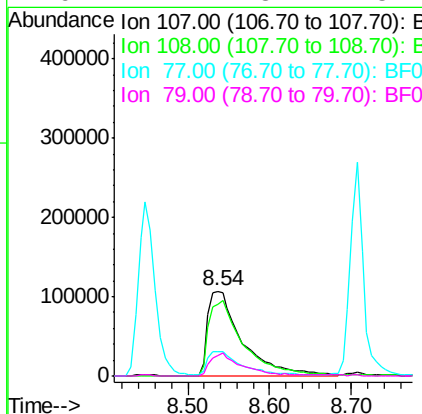
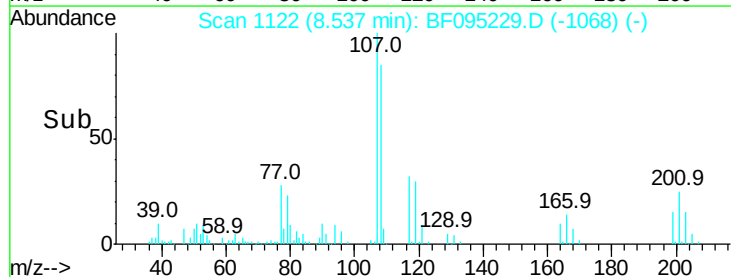
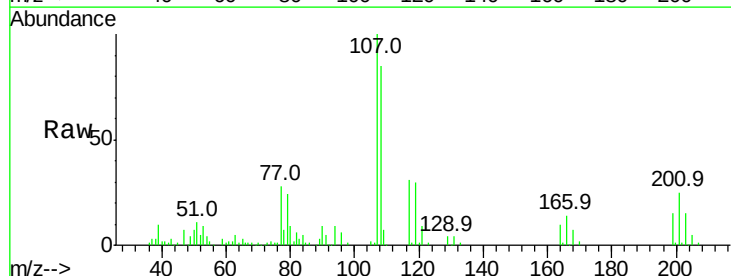
Manual Integrations
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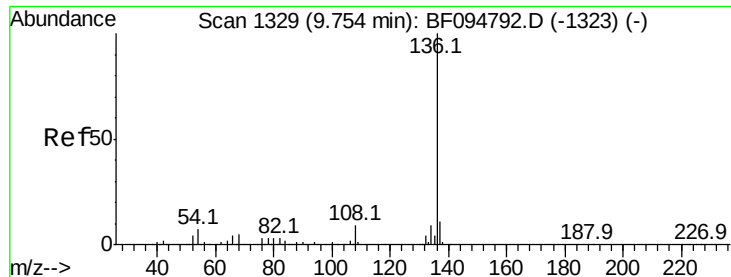
mohammad
5/19/2017 3:40:01 PM



#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 8.54 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	107	Resp	315569
Ion Ratio	Lower	Upper	
107	100		
108	84.8	71.0	111.0
77	28.4	90.5	130.5#
79	24.1	8.4	48.4





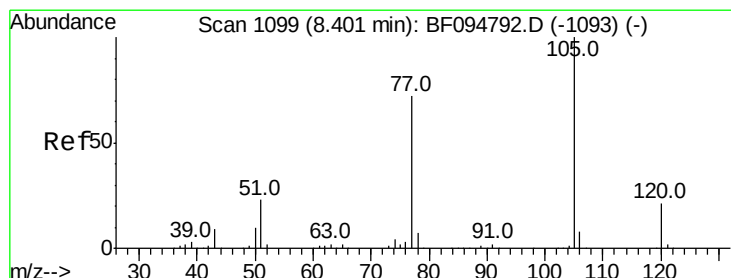
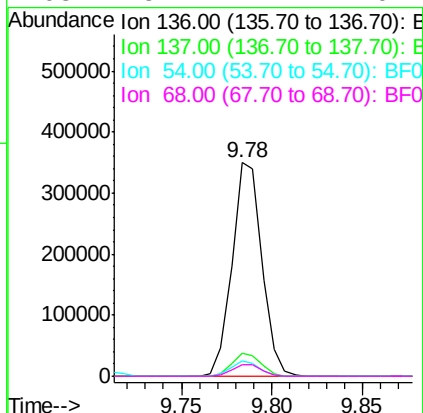
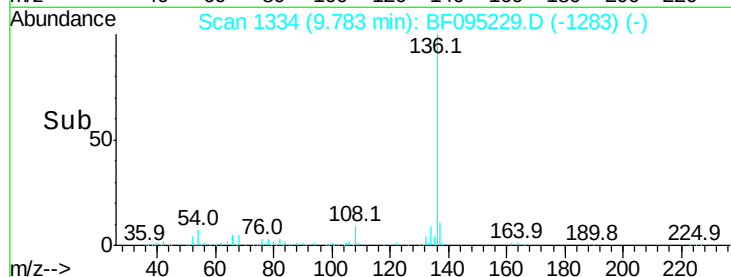
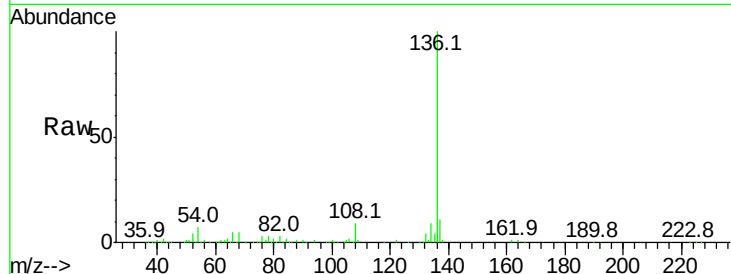
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampled :
TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	7.1	4.9	7.3	
68	5.2	4.1	6.1	

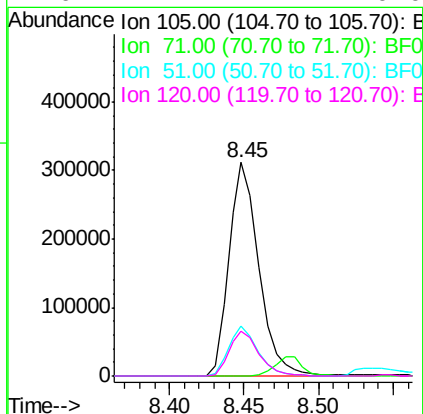
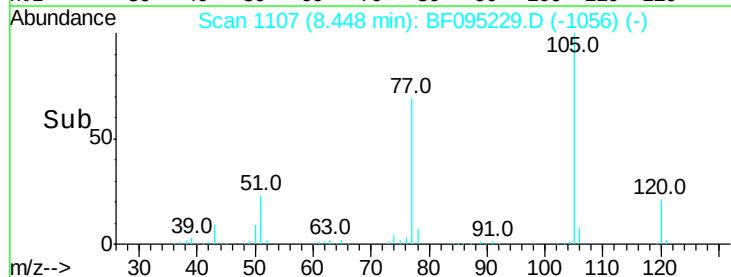
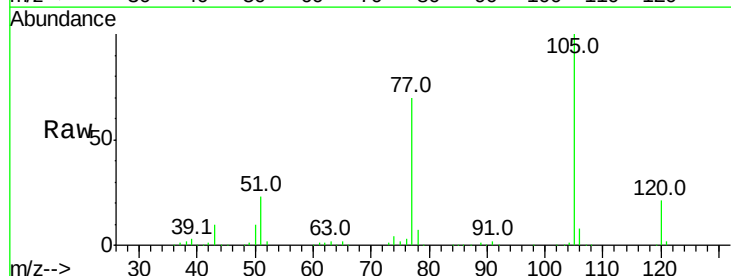
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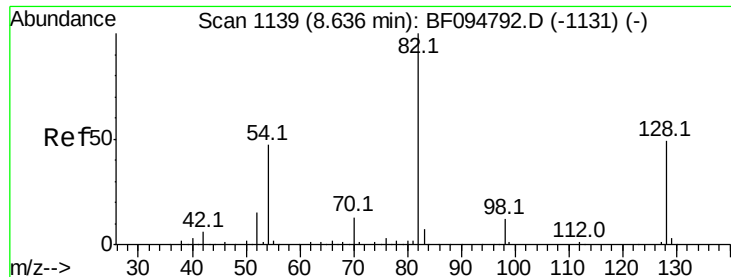
mohammad
5/19/2017 3:40:01 PM



#22
Acetophenone
Concen: 45.54 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.4	30.7	46.1#	
120	21.2	17.4	26.0	





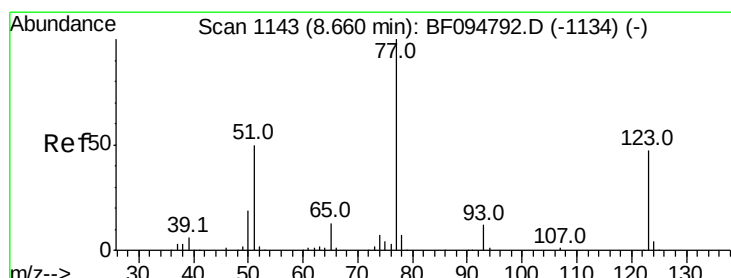
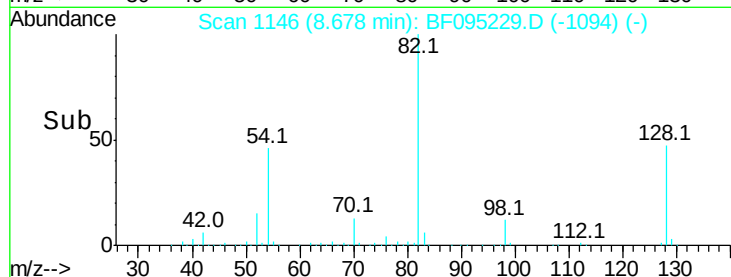
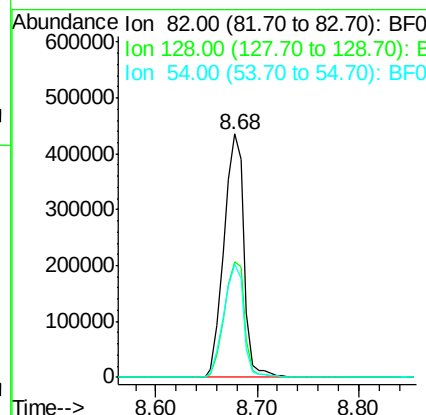
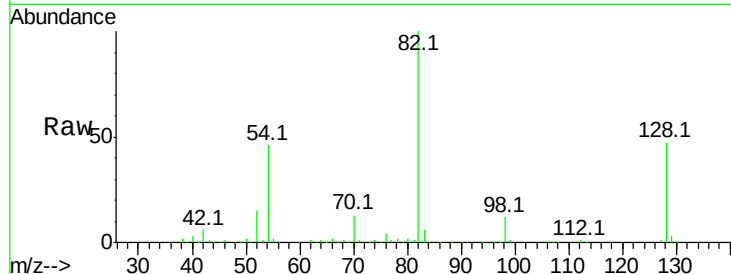
#23
Nitrobenzene-d5
Concen: 93.93 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	34.0	51.0	
54	46.4	42.2	63.2	

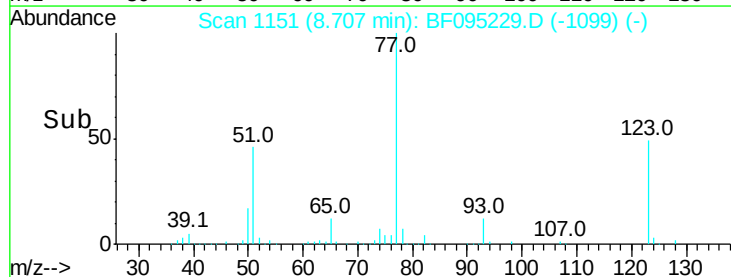
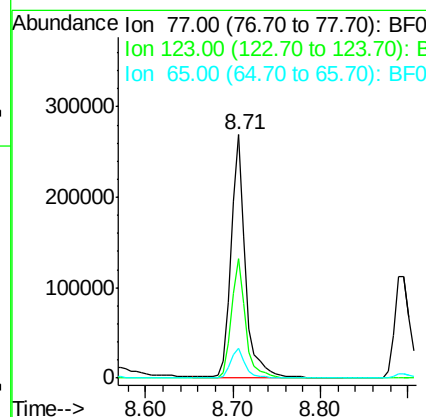
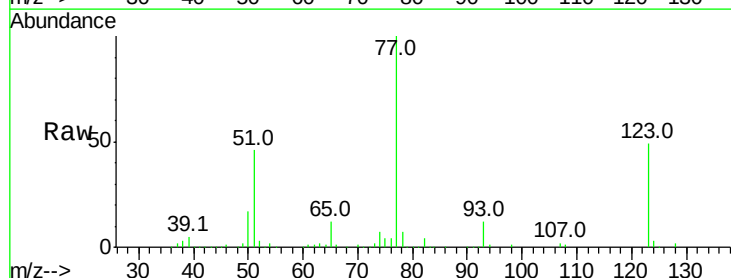
Manual Integrations
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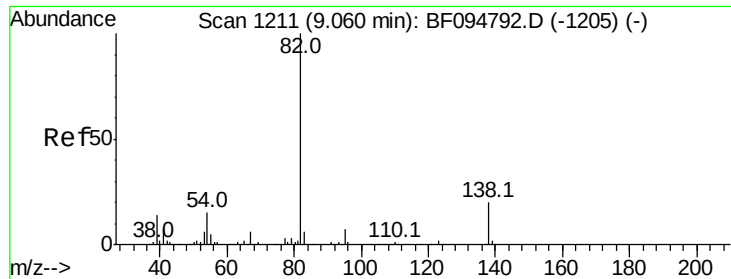
mohammad
5/19/2017 3:40:01 PM



#24
Nitrobenzene
Concen: 45.43 ng
RT: 8.71 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.2	35.8	53.8	
65	12.3	10.6	15.8	





#25

Isophorone

Concen: 48.67 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

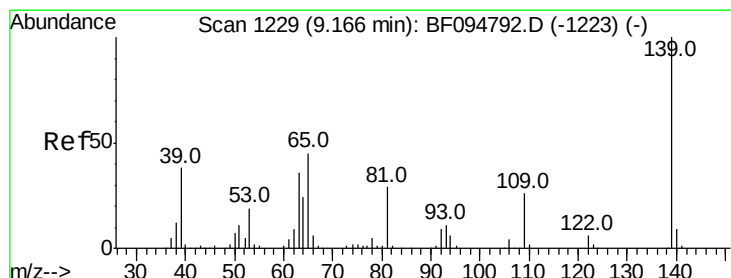
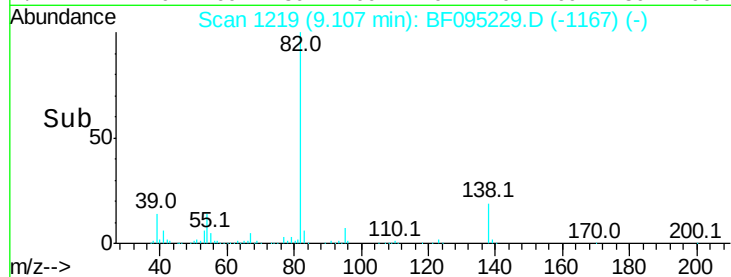
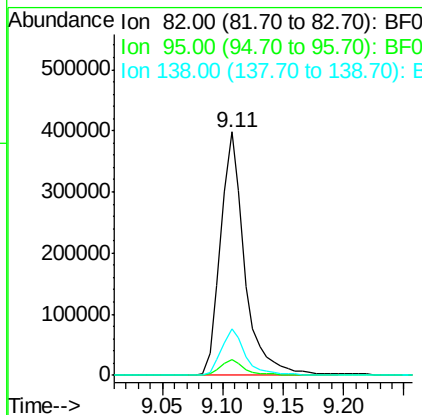
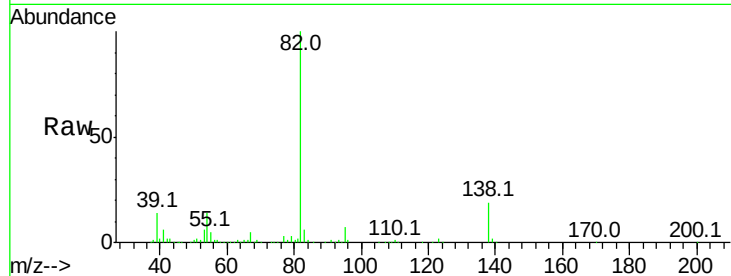
TP-25-6MS

Tot Ion:	82	Resp:	552877
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	19.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.37 ng

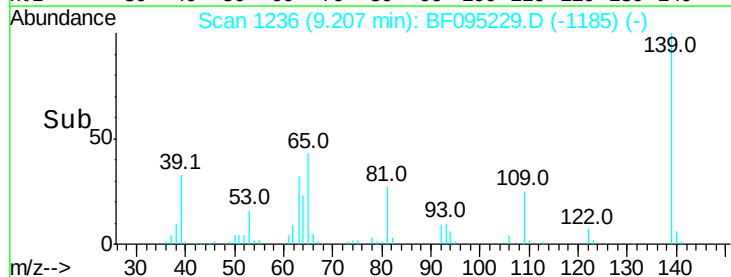
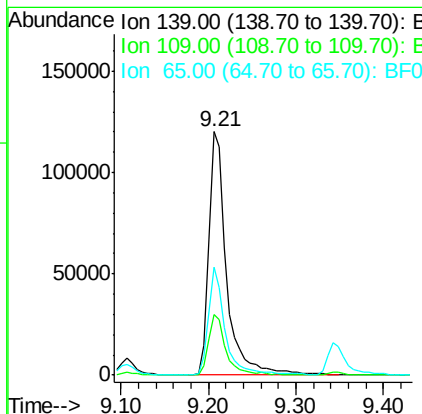
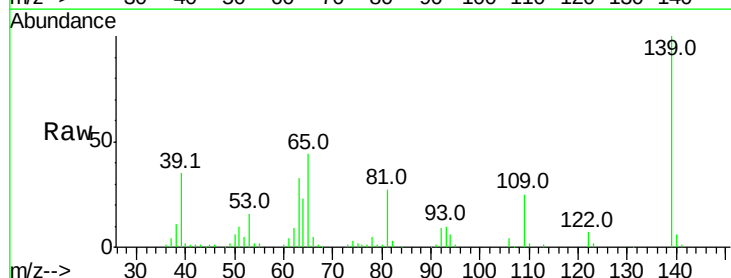
RT: 9.21 min Scan# 1236

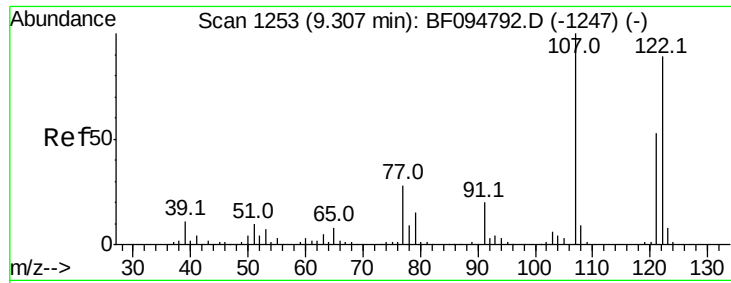
Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	139	Resp:	170429
Ion Ratio	Lower	Upper	
139	100		
109	24.8	21.0	31.6
65	44.1	33.0	49.6





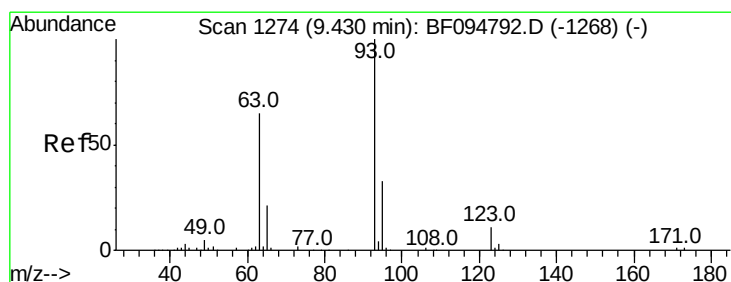
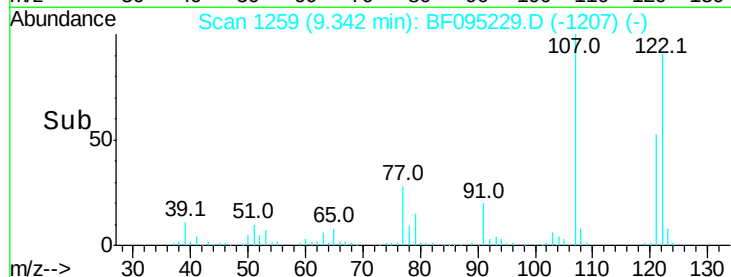
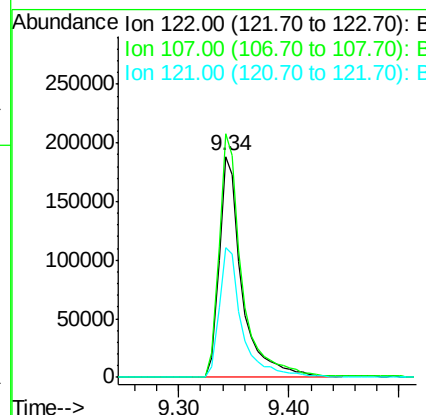
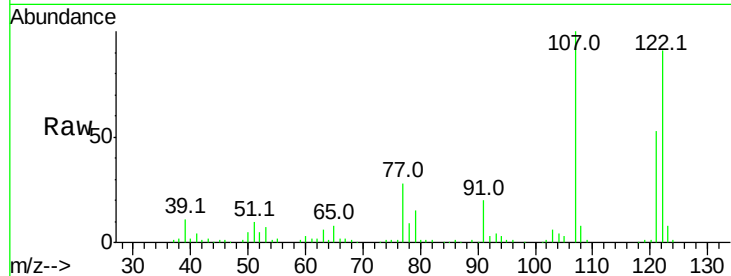
#27
 2,4-Dimethylphenol
 Concen: 46.10 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampled :
 TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	268152		
107	110.1	89.2	133.8	
121	58.6	45.2	67.8	

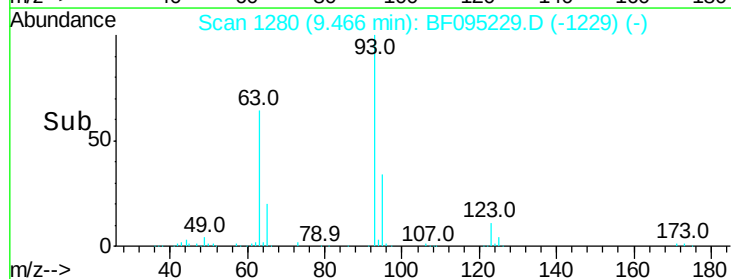
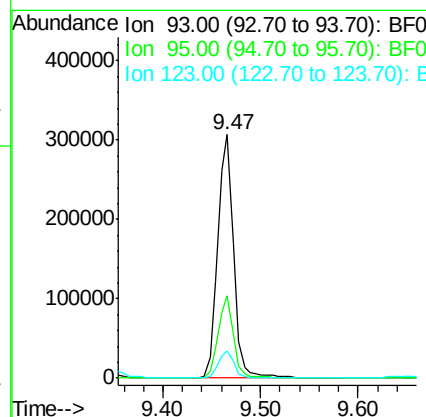
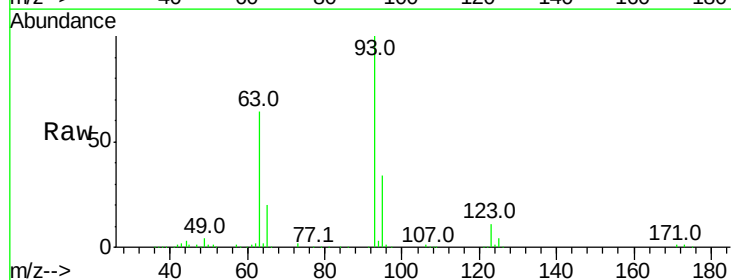
Manual Integrations
 APPROVED

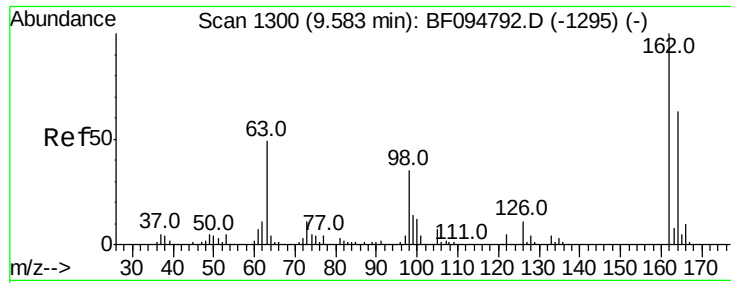
mohammad
 5/19/2017 3:40:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.17 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	347116		
95	33.7	26.5	39.7	
123	11.4	9.0	13.4	





#29
 2,4-Dichlorophenol
 Concen: 45.23 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

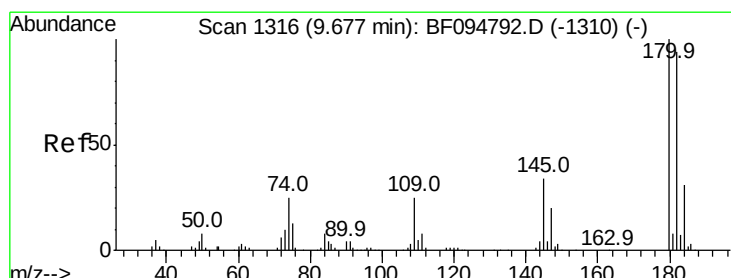
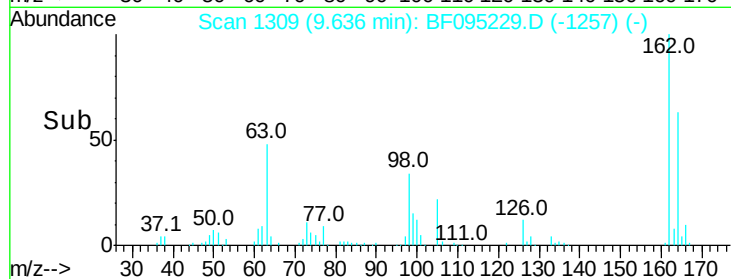
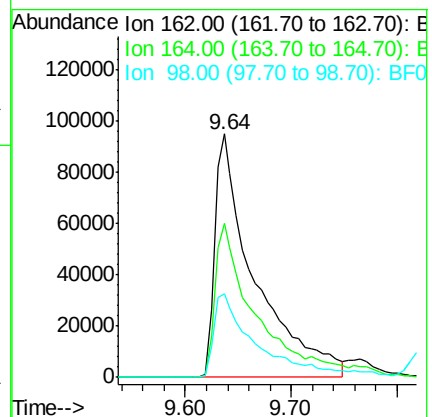
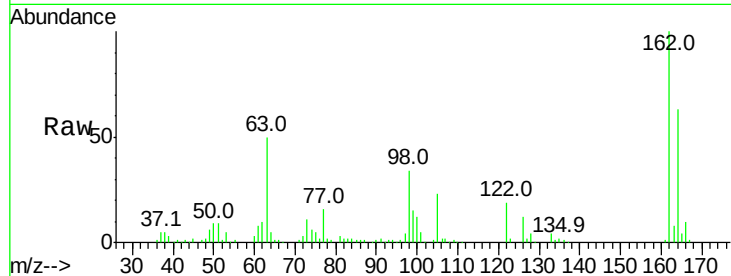
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	248407		
164	63.5		44.6	84.6
98	34.3		14.8	54.8

Manual Integrations
 APPROVED

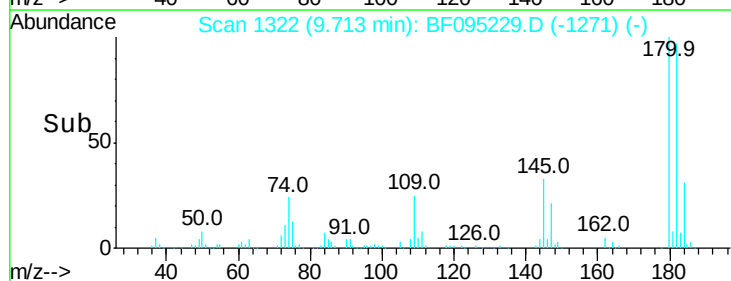
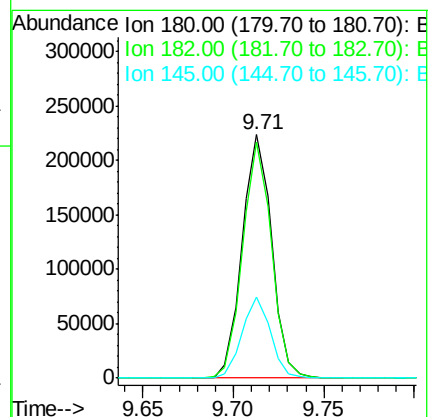
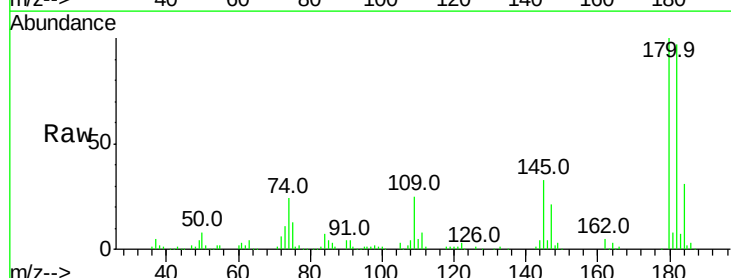
mohammad

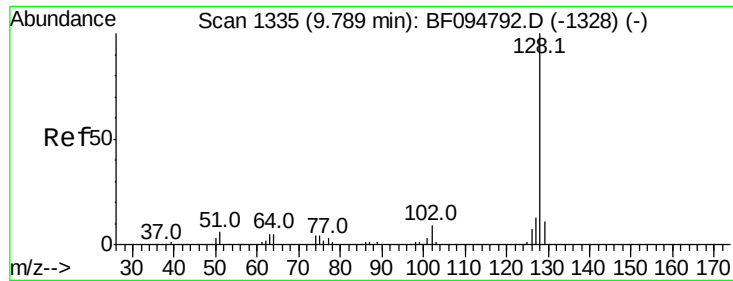
5/19/2017 3:40:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.88 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252319		
182	96.7		75.8	113.6
145	33.4		25.3	37.9





#31
Naphthalene
Concen: 44.50 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

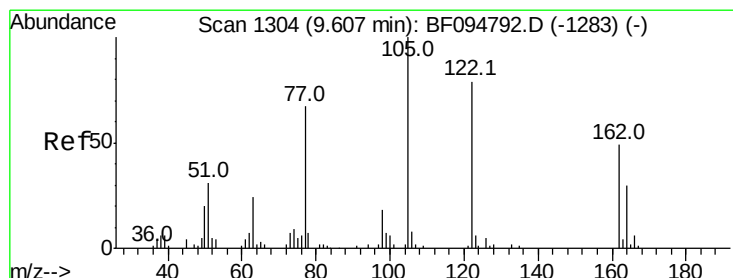
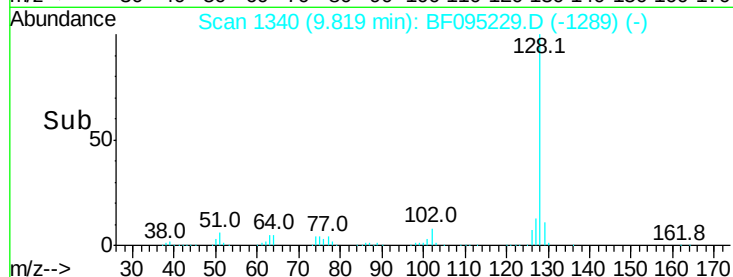
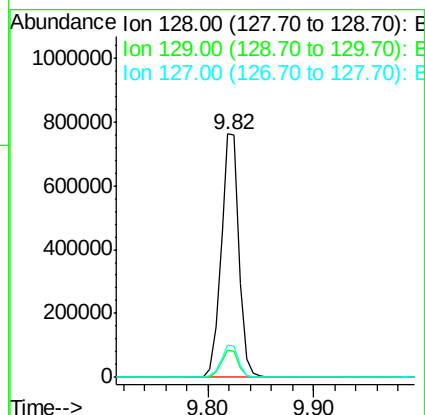
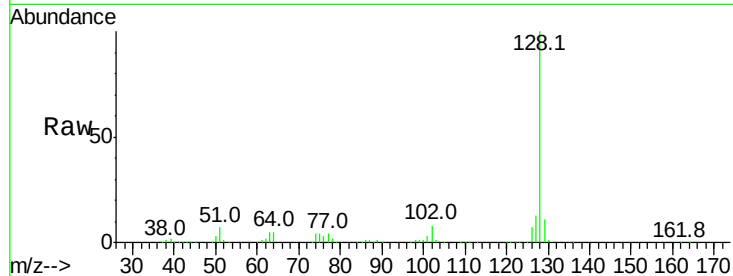
Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.2	10.8	16.2

Manual Integrations
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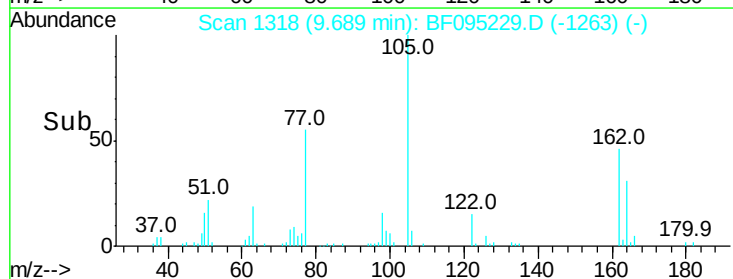
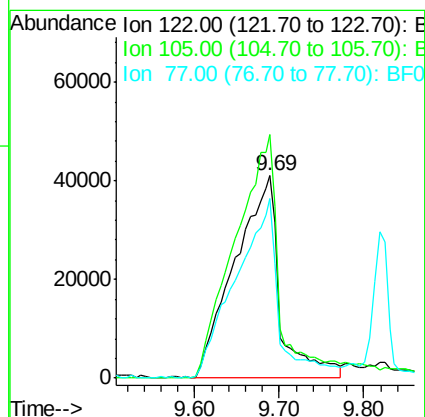
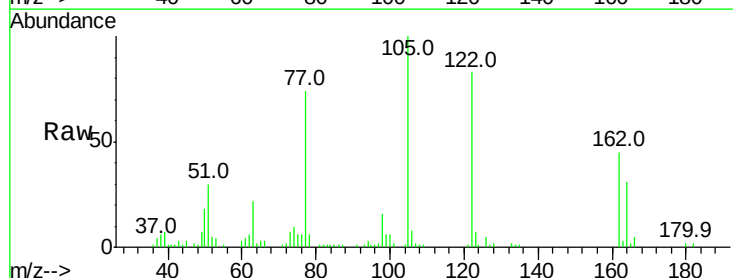
mohammad

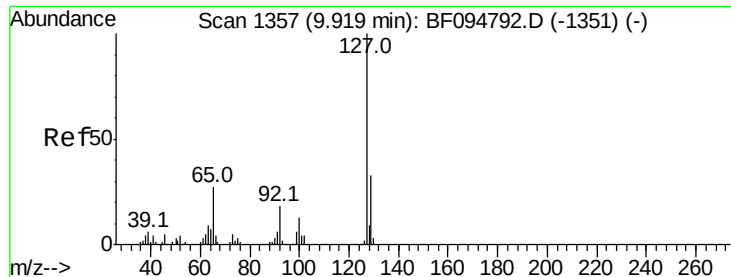
5/19/2017 3:40:01 PM



#32
Benzoic acid
Concen: 40.98 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	103.3	143.3
77	88.5	73.7	113.7





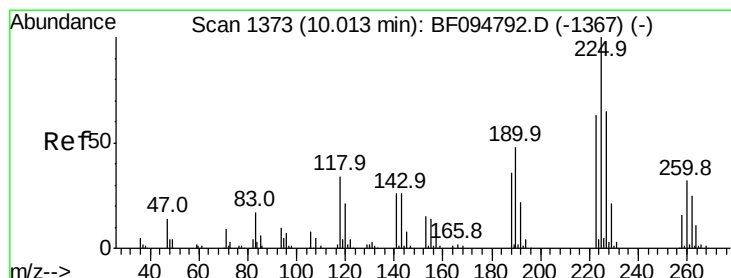
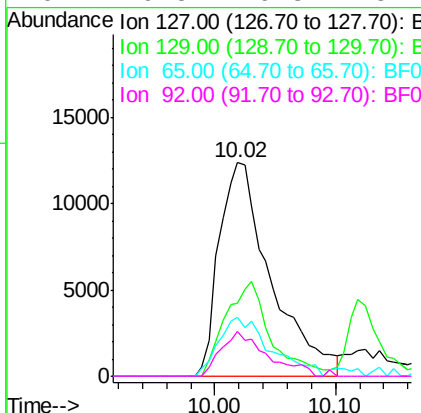
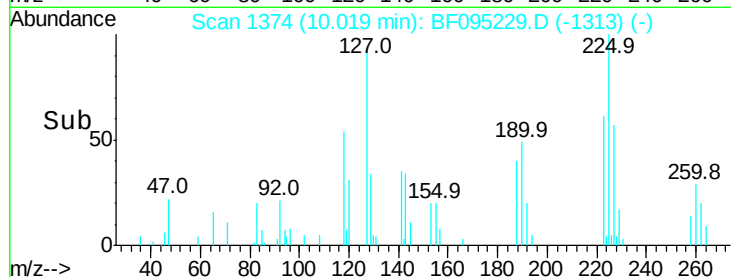
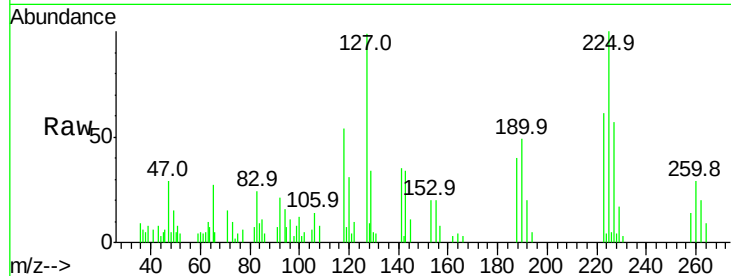
#33
4-Chloroaniline
Concen: 4.88 ng
RT: 10.02 min Scan# 1374
Delta R.T. 0.06 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampled :
TP-25-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.0	26.2	39.2		
65	27.5	27.8	41.8		
92	20.8	16.8	25.2		

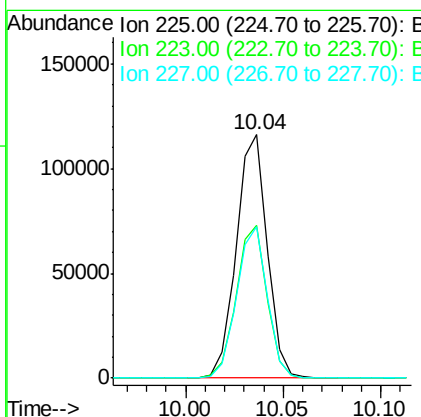
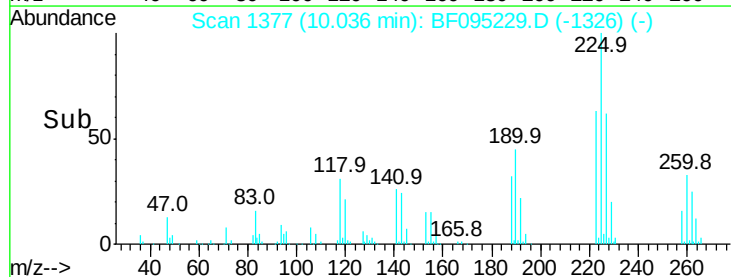
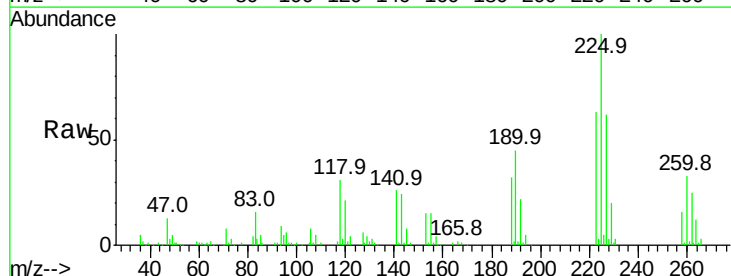
Manual Integrations
APPROVED

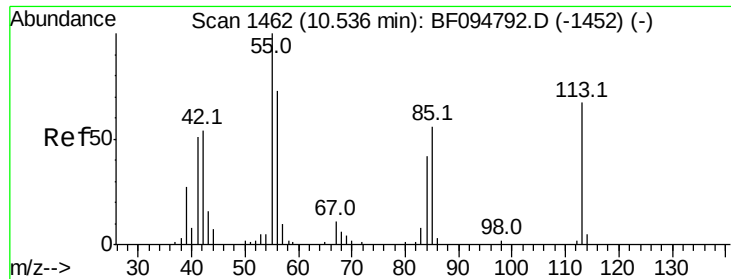
mohammad
5/19/2017 3:40:01 PM



#34
Hexachlorobutadiene
Concen: 40.97 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	48.8	73.2		
227	62.3	51.1	76.7		





#35

Caprolactam

Concen: 38.40 ng/mL

RT: 10.62 min Scan# 1477

Delta R.T. 0.03 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

TP-25-6MS

Tot Ion: 113 Resp: 63333

Ion Ratio Lower Upper

113 100

55 150.9 150.2 190.2

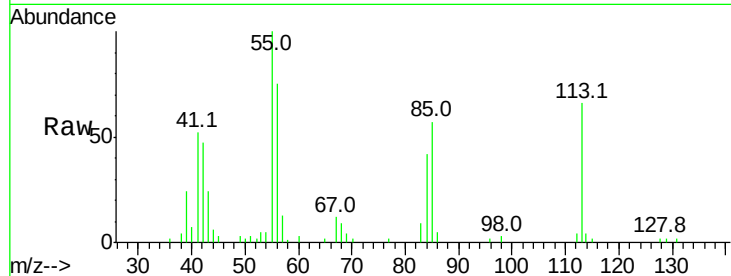
56 113.2 107.8 147.8

Manual Integrations

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mohammad

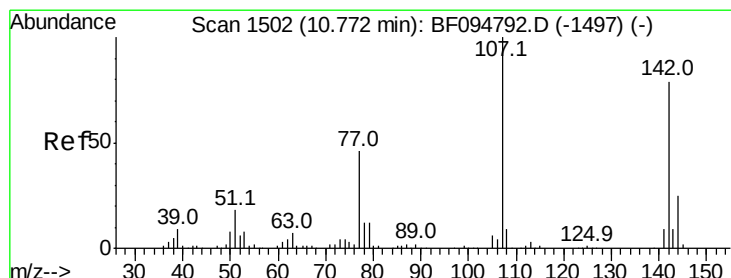
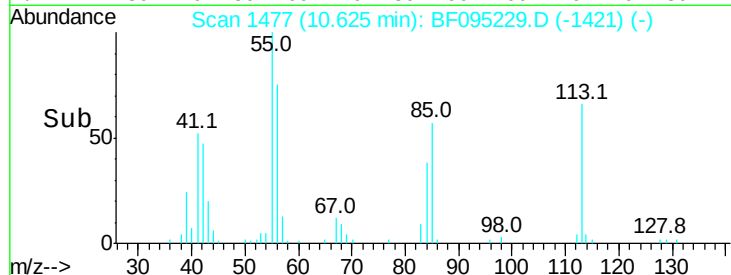
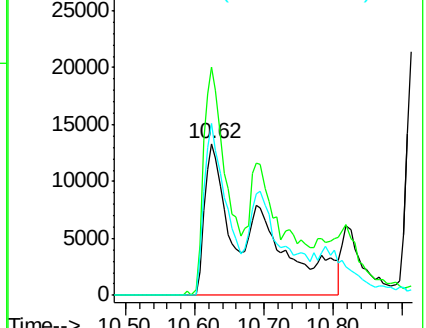
5/19/2017 3:40:01 PM



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: 46.79 ng/mL

RT: 10.82 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

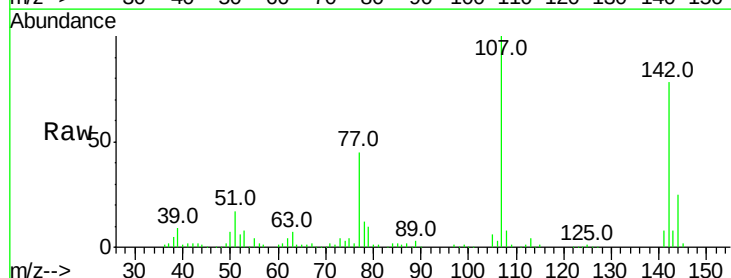
Tgt Ion: 107 Resp: 274759

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

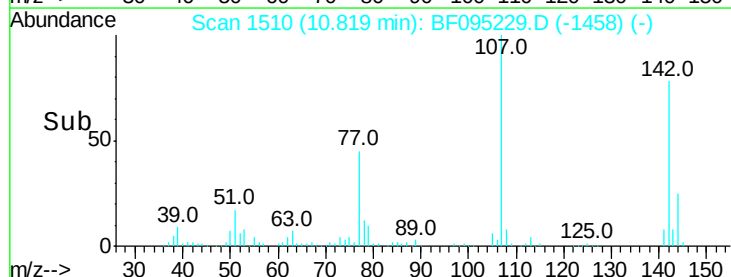
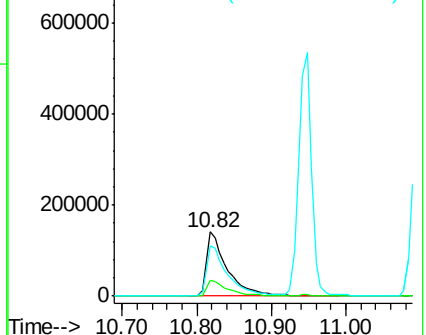
142 77.9 73.4 110.0

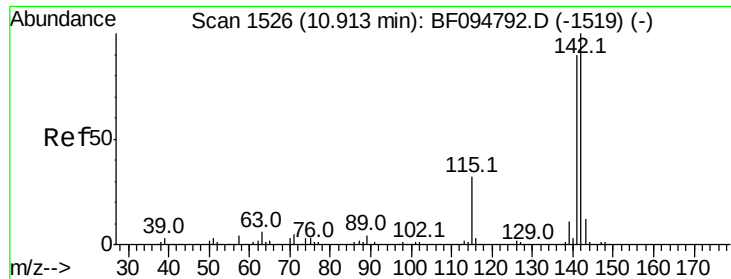


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





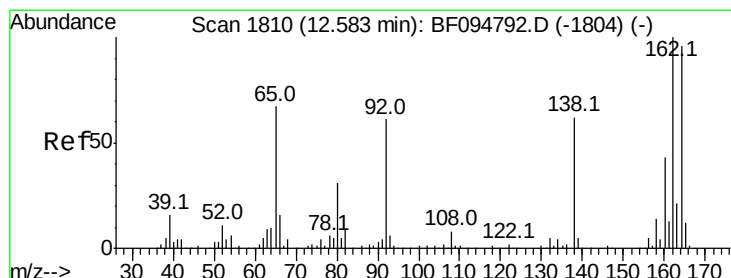
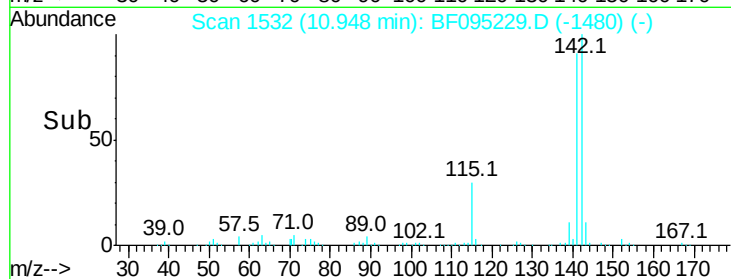
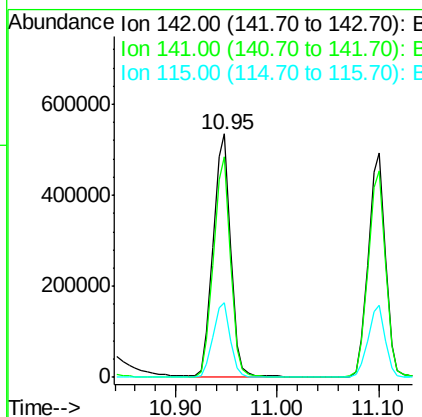
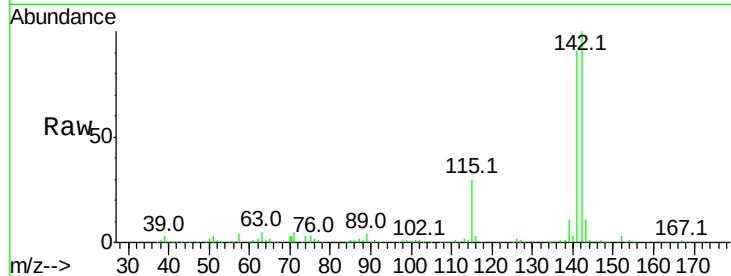
#37
2-Methylnaphthalene
Concen: 48.57 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	30.4	27.1	40.7

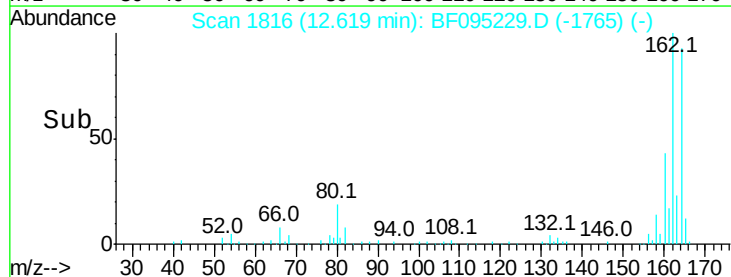
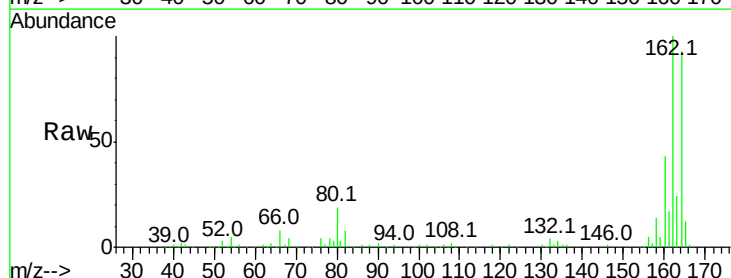
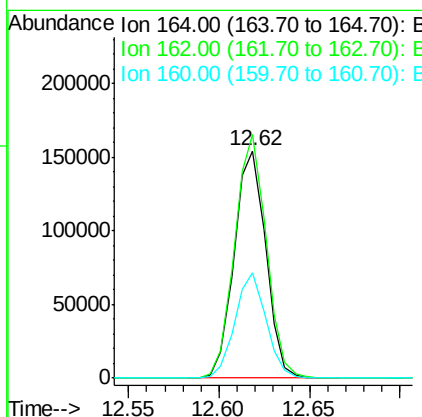
Manual Integrations
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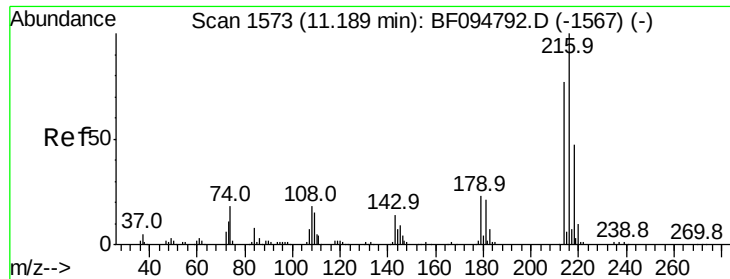
mohammad
5/19/2017 3:40:01 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.6	123.8
160	46.5	36.2	54.2





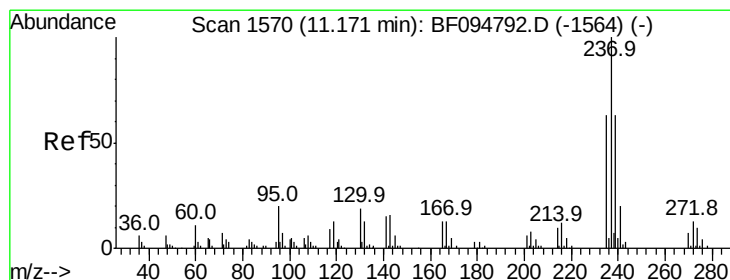
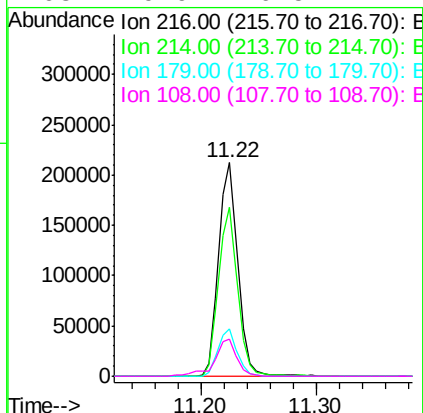
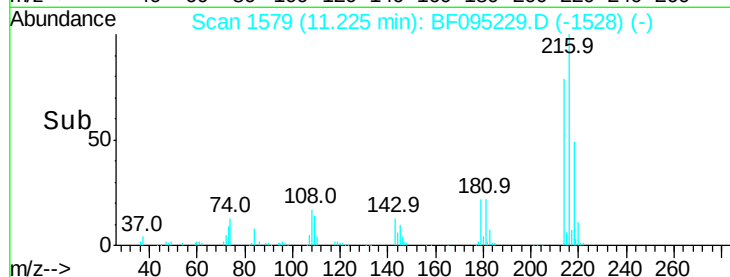
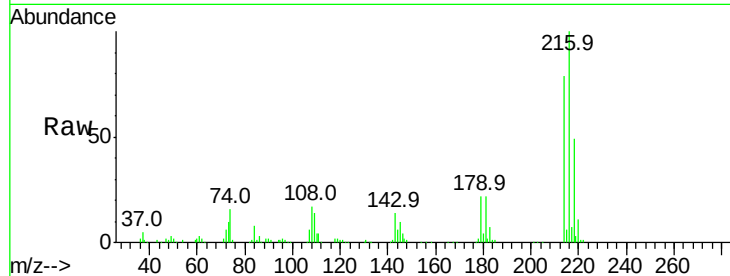
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.93 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	246522		
214	78.6	63.4	95.2	
179	21.9	17.9	26.9	
108	19.9	16.5	24.7	

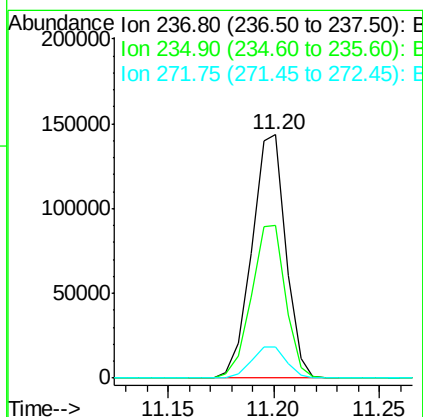
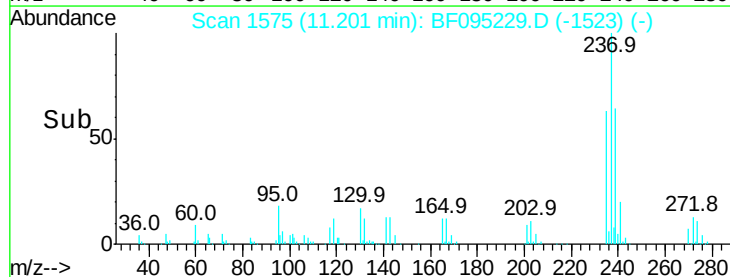
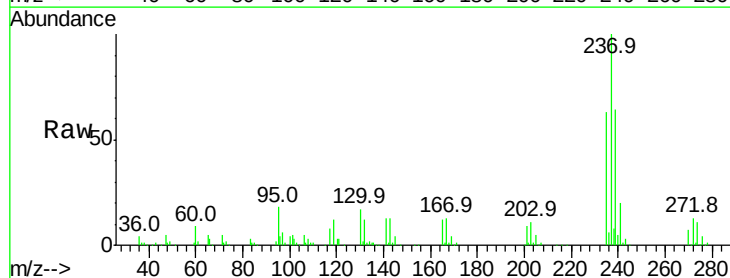
Manual Integrations
APPROVED

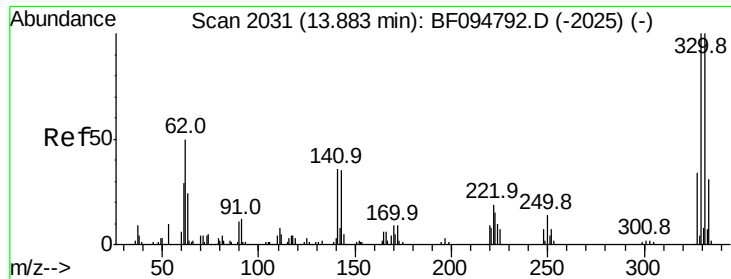
mohammad
5/19/2017 3:40:01 PM



#40
Hexachlorocyclopentadiene
Concen: 67.49 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	160457		
235	62.8	42.6	82.6	
272	13.0	0.0	31.9	





#41
 2,4,6-Tribromophenol
 Concen: 143.99 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

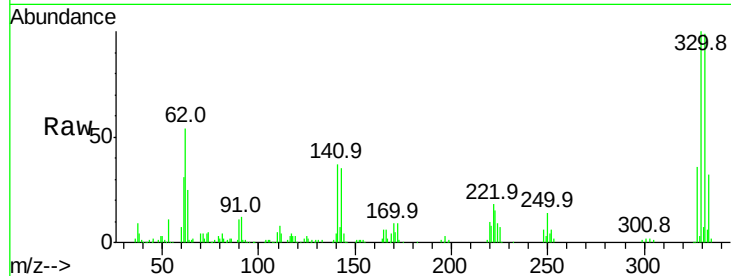
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220208		
332	96.3	76.6	115.0	
141	39.2	31.4	47.2	

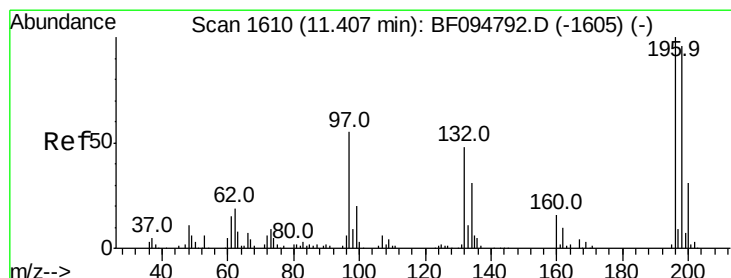
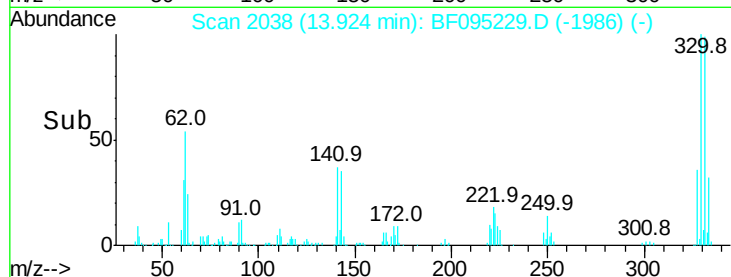
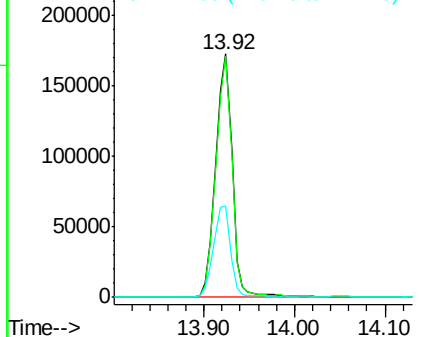
Manual Integrations
 APPROVED

mohammad

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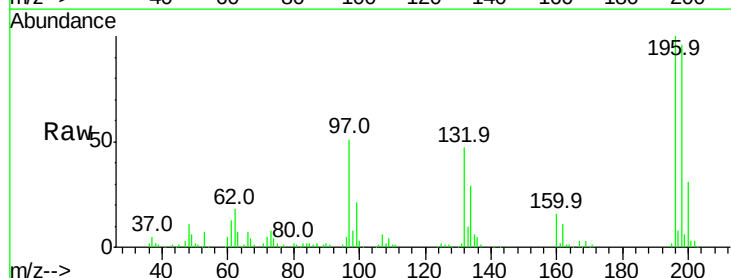


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

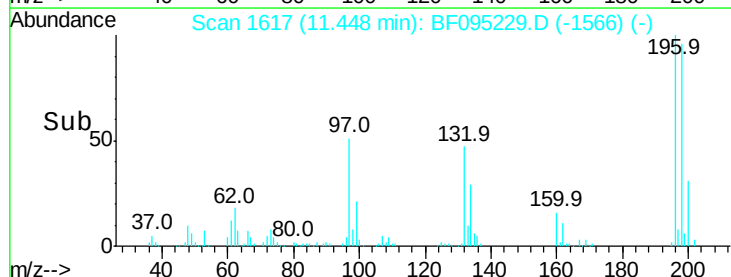
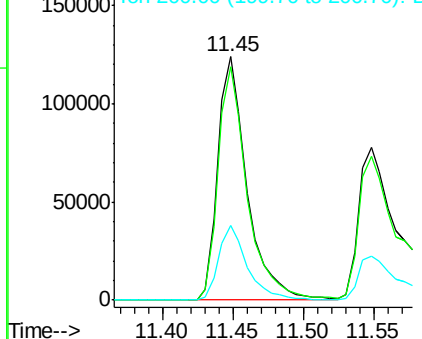


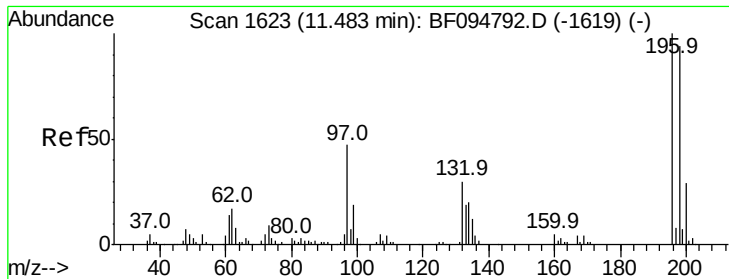
#42
 2,4,6-Trichlorophenol
 Concen: 46.83 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179553		
198	95.6	74.2	111.4	
200	30.7	24.0	36.0	



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





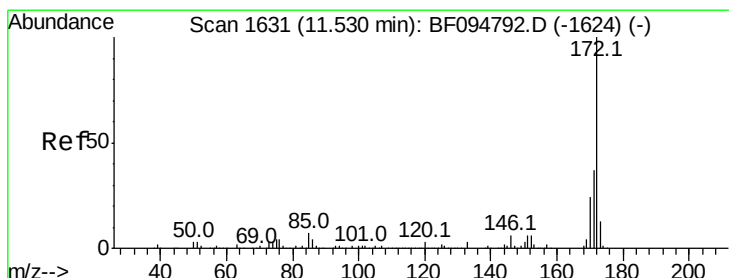
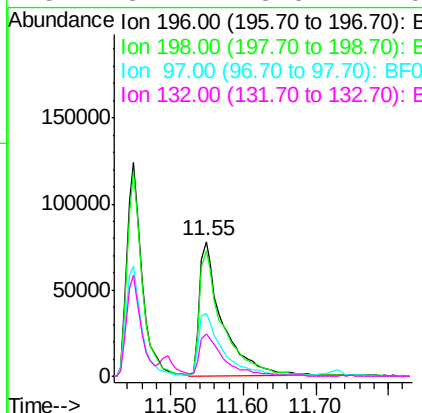
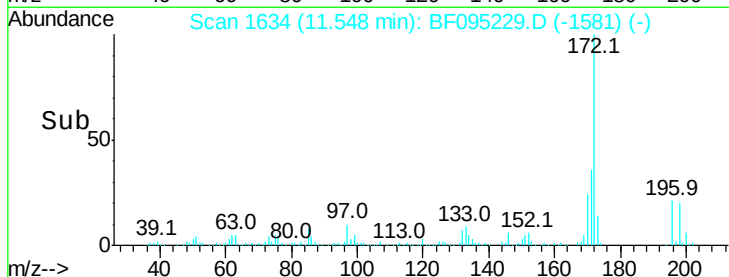
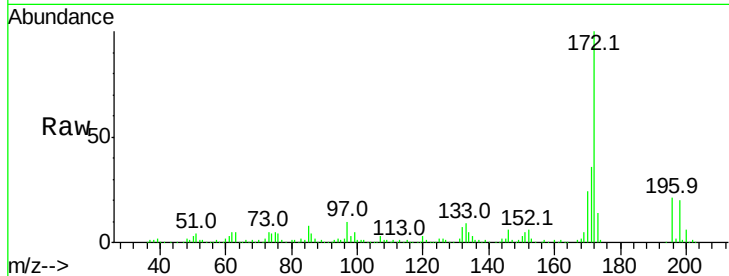
#43
 2,4,5-Trichlorophenol
 Concen: 41.42 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170691		
198	93.4	75.7	113.5	
97	46.5	47.7	71.5#	
132	31.2	28.0	42.0	

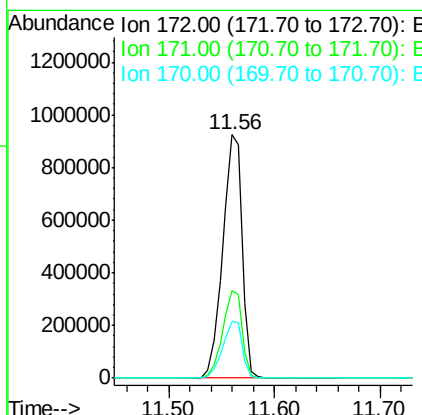
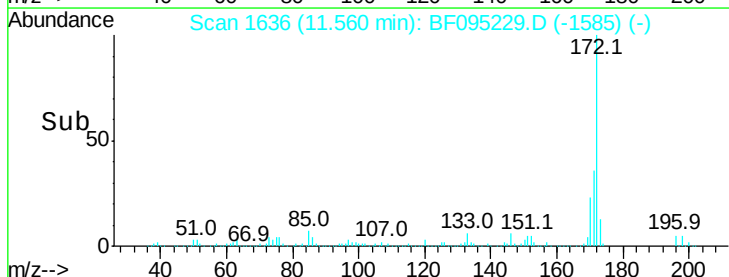
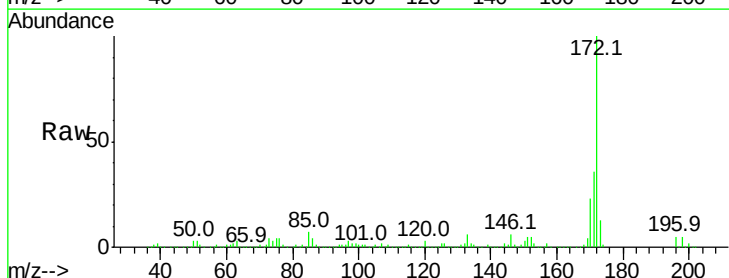
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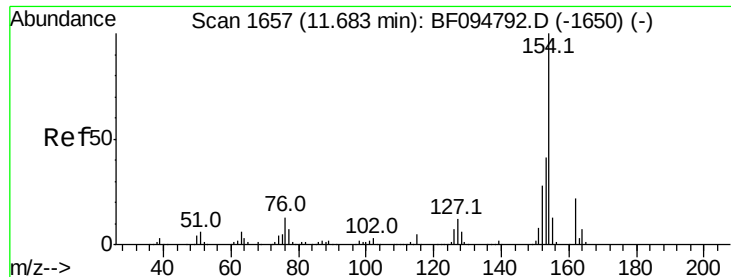
mohammad
 5/19/2017 3:40:01 PM



#44
 2-Fluorobiphenyl
 Concen: 90.93 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1179727		
171	35.9	29.6	44.4	
170	23.1	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 45.11 ng

RT: 11.71 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

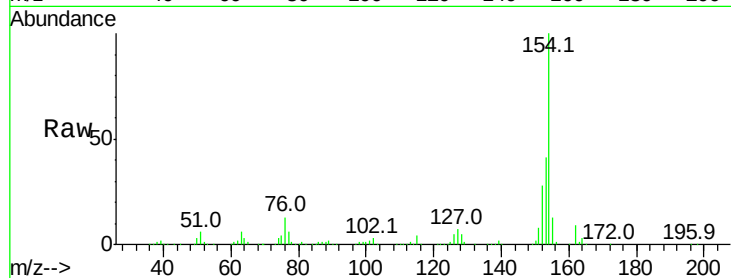
TP-25-6MS

Tot Ion:	154	Resp:	709288
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	12.8	0.0	29.9

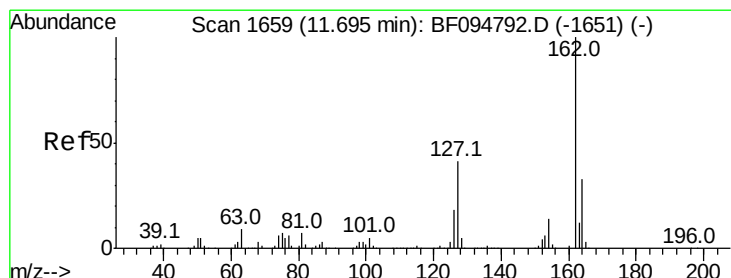
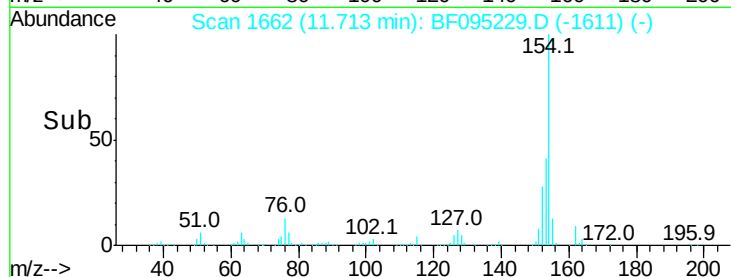
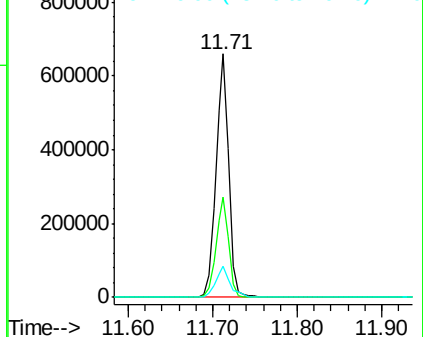
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.56 ng

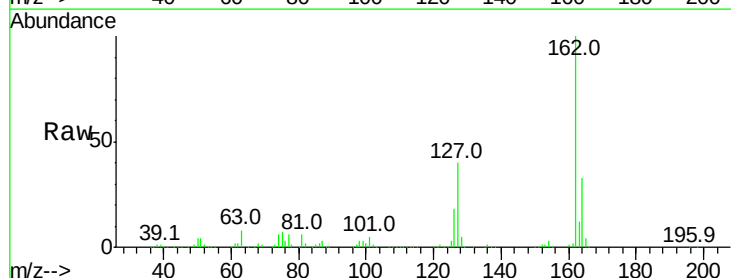
RT: 11.73 min Scan# 1665

Delta R.T. 0.00 min

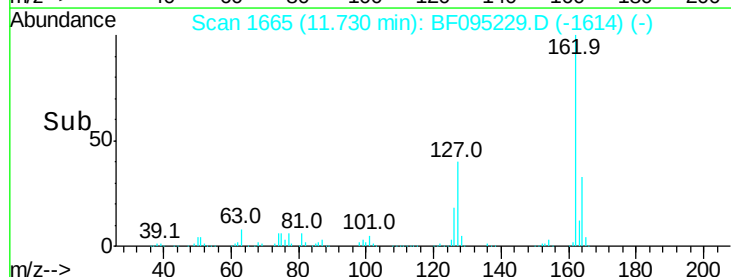
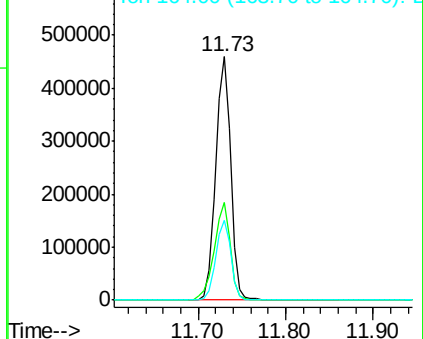
Lab File: BF095229.D

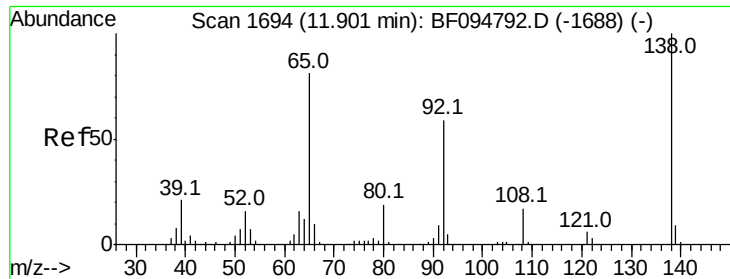
Acq: 18 May 2017 18:49

Tgt Ion:	162	Resp:	553048
Ion Ratio	Lower	Upper	
162	100		
127	39.9	28.3	42.5
164	32.6	27.0	40.4



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





#47

2-Nitroaniline

Concen: 43.41 ng

RT: 11.95 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

TP-25-6MS

Tot Ion: 65 Resp: 150821

Ion Ratio Lower Upper

65 100

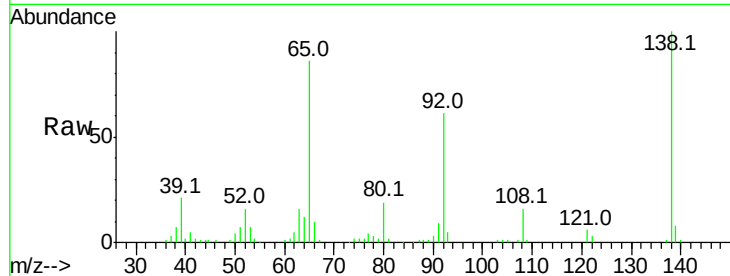
92 70.5 53.9 80.9

138 116.0 78.8 118.2

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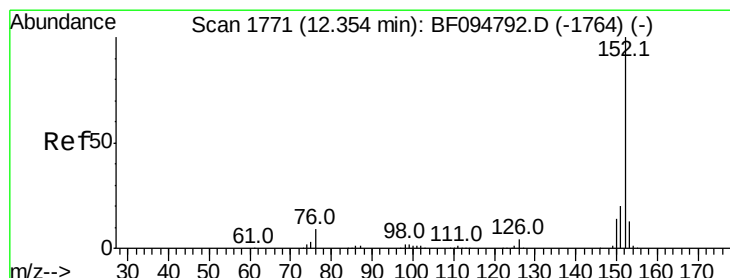
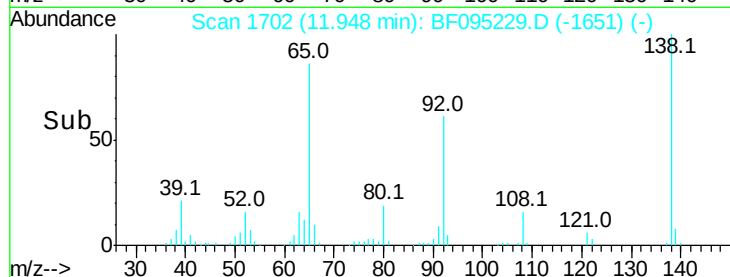
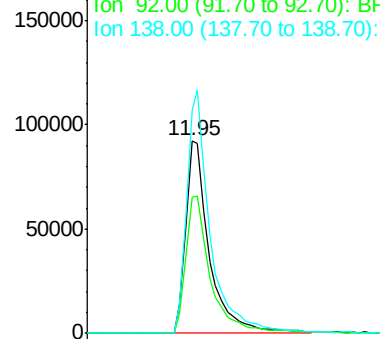


Abundance

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 44.64 ng

RT: 12.39 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

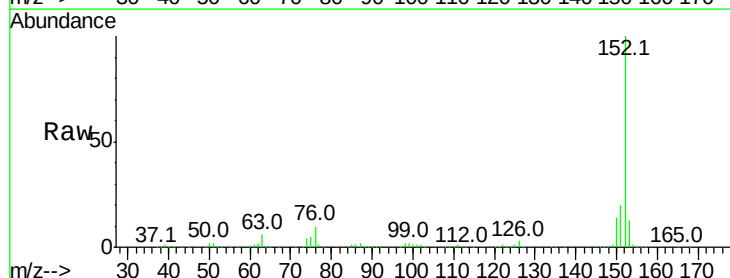
Tgt Ion: 152 Resp: 887646

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 13.1 10.8 16.2

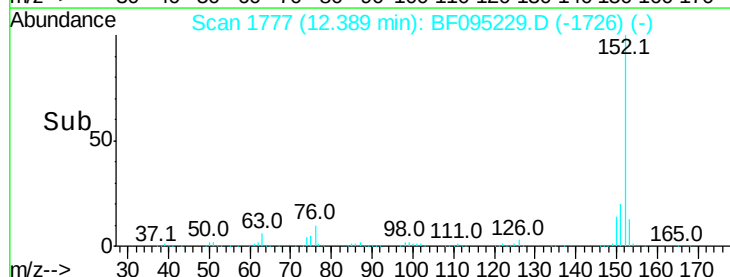
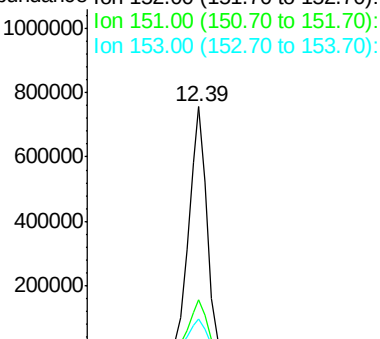


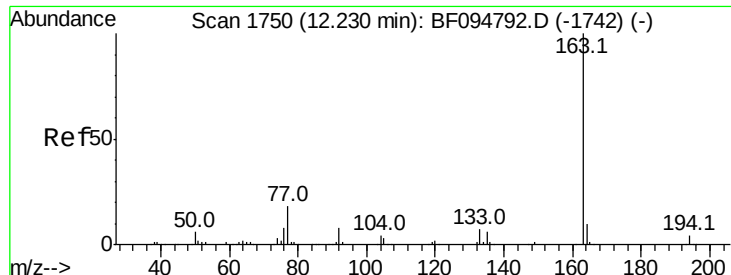
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.55 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

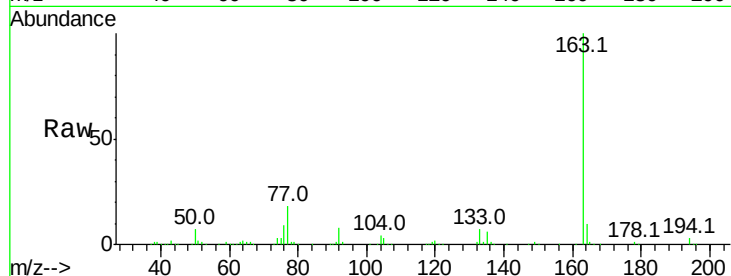
TP-25-6MS

Tot Ion:	163	Resp:	667677
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

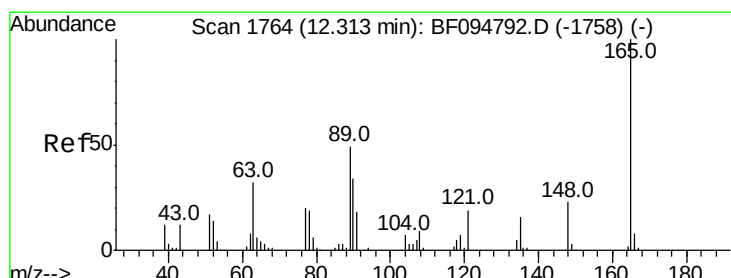
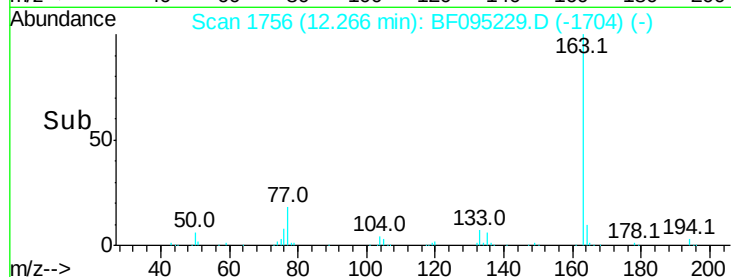
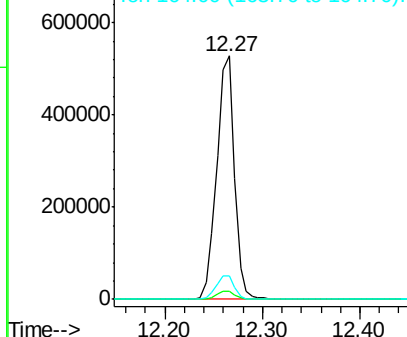
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.70 ng

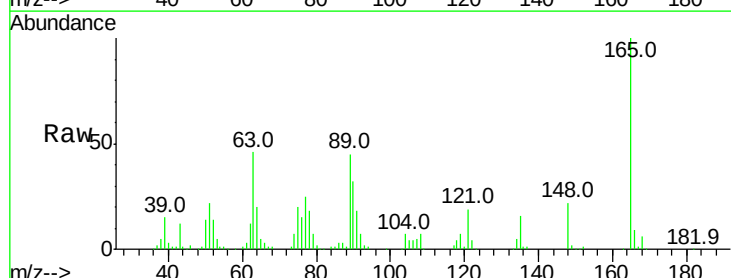
RT: 12.36 min Scan# 1772

Delta R.T. 0.00 min

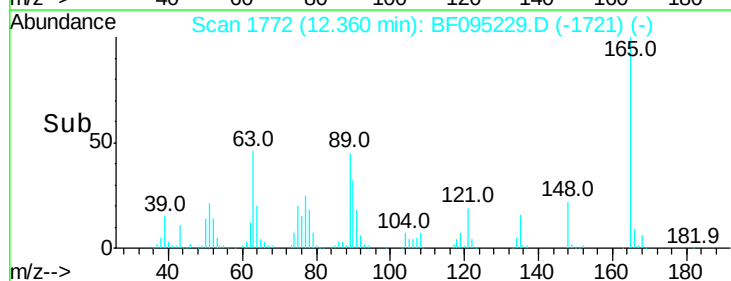
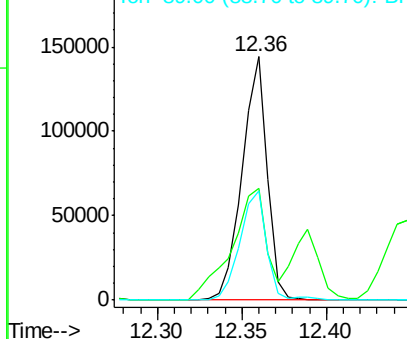
Lab File: BF095229.D

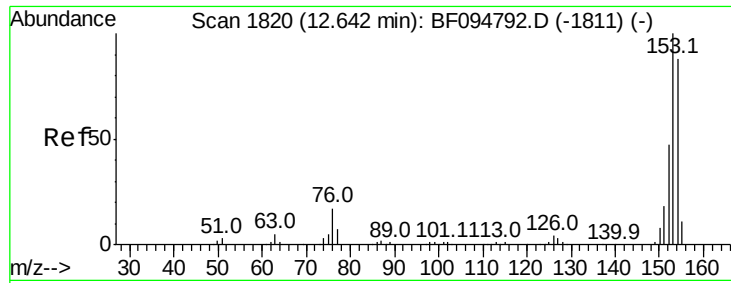
Acq: 18 May 2017 18:49

Tgt Ion:	165	Resp:	149185
Ion Ratio	Lower	Upper	
165	100		
63	46.1	34.3	51.5
89	44.9	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.45 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

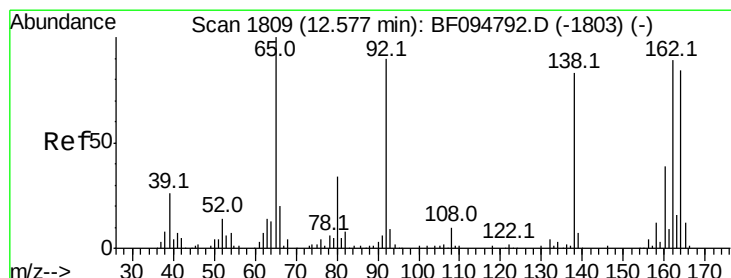
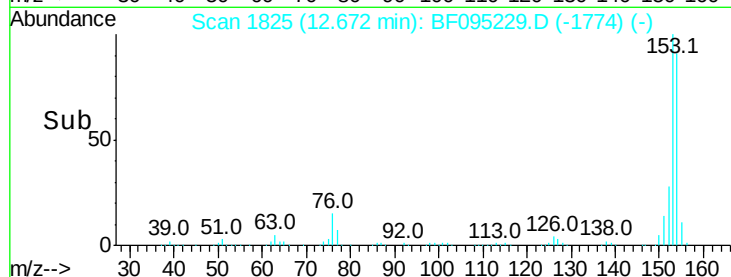
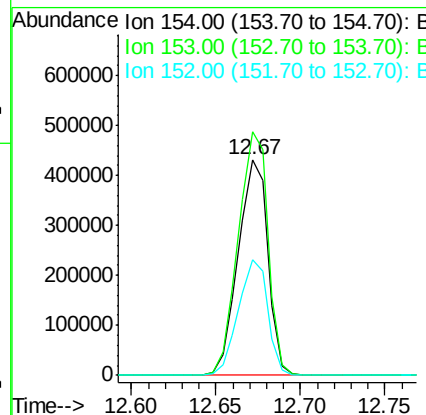
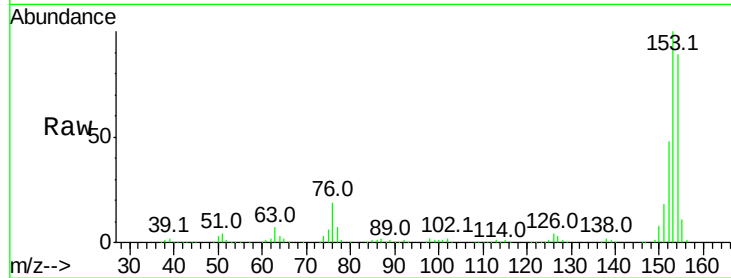
TP-25-6MS

Tot Ion:	154	Resp:	527910
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	53.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 12.44 ng

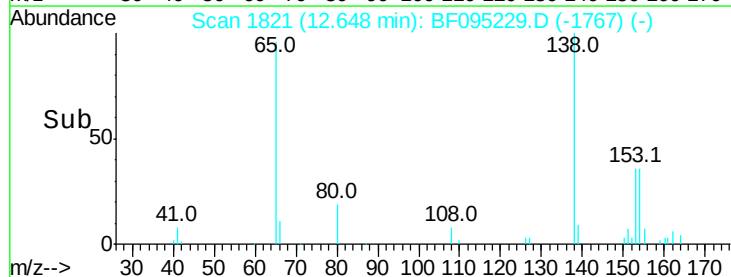
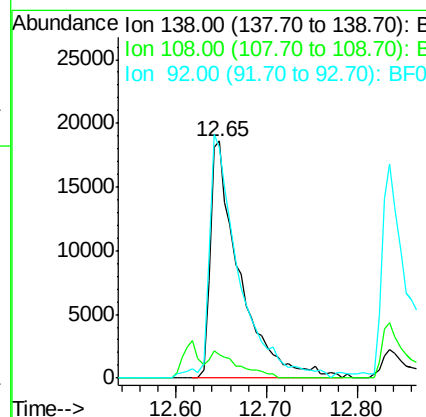
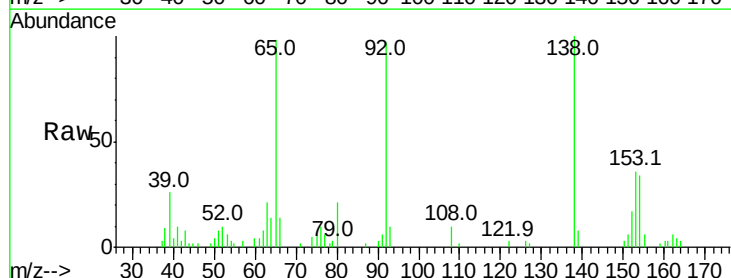
RT: 12.65 min Scan# 1821

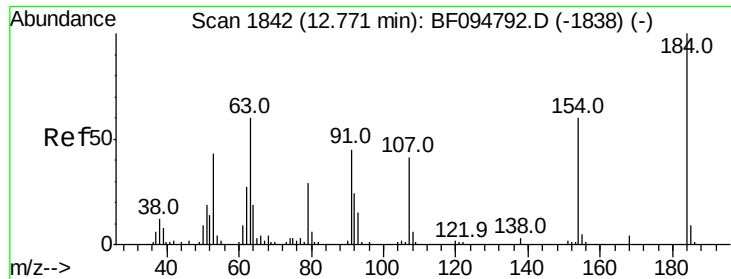
Delta R.T. 0.02 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	138	Resp:	41775
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.1	13.7
92	97.2	93.8	140.6





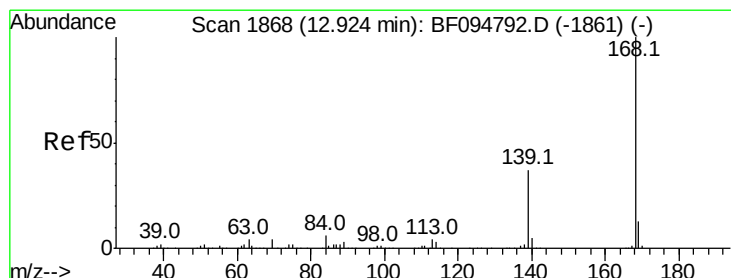
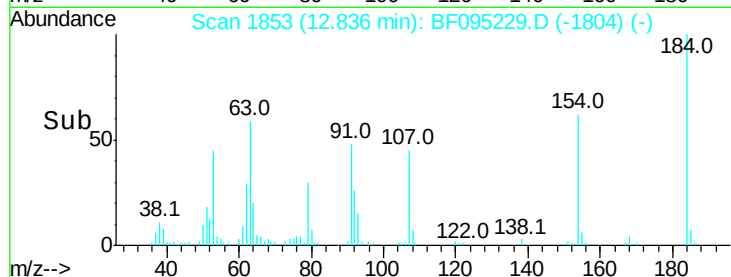
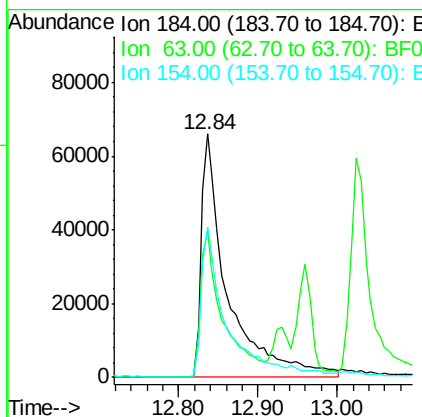
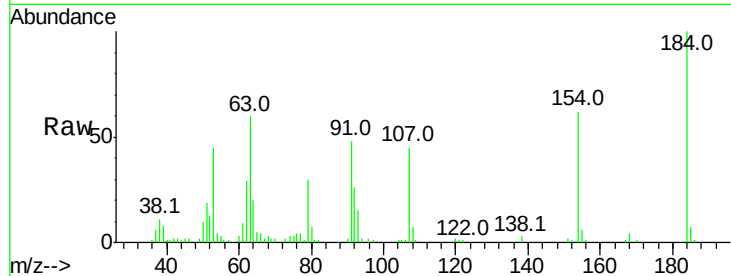
#53
 2,4-Dinitrophenol
 Concen: 87.94 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampleID :
 TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	152641		
63	60.0	62.7	94.1#	
154	61.5	81.1	121.7#	

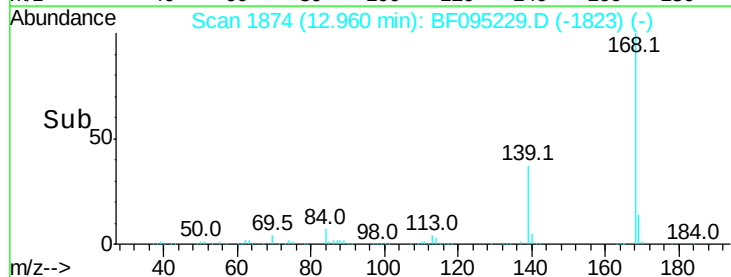
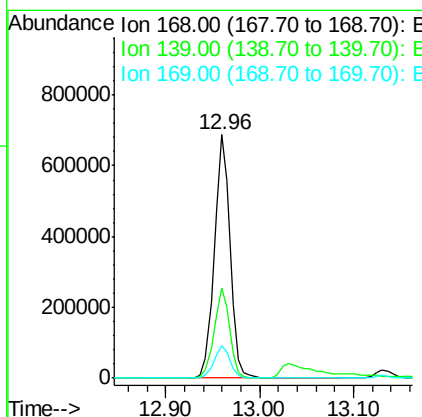
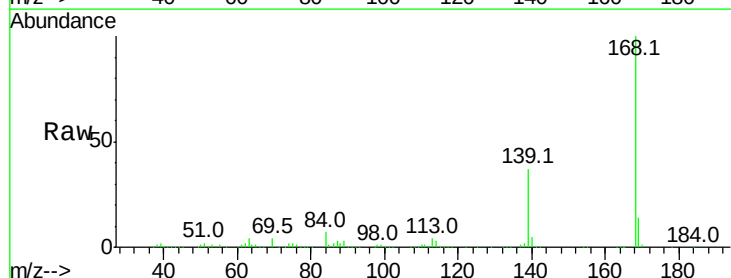
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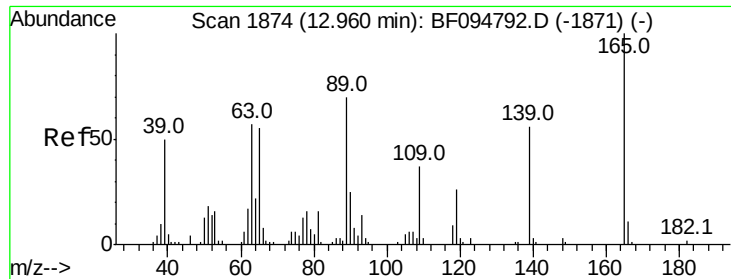
mohammad
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#54
 Dibenzofuran
 Concen: 49.35 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	811079		
139	37.2	30.6	45.8	
169	13.6	10.8	16.2	





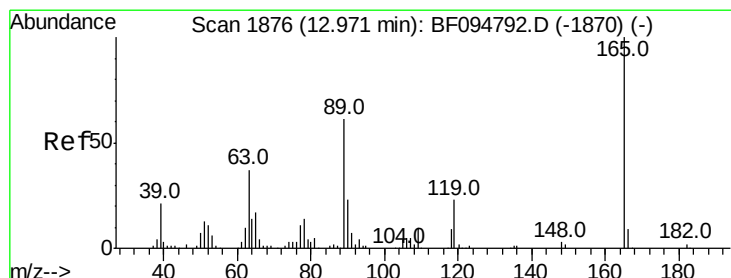
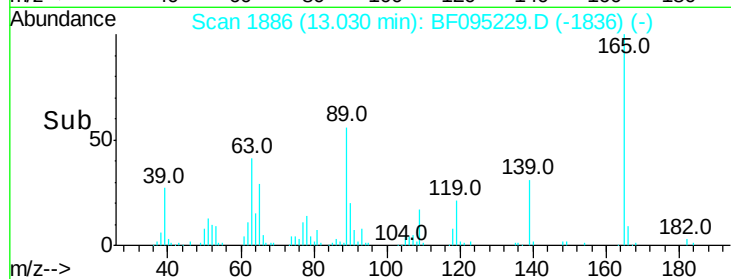
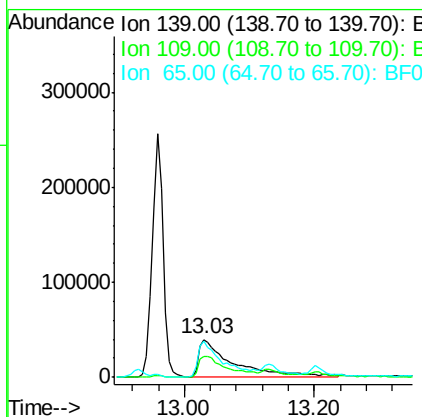
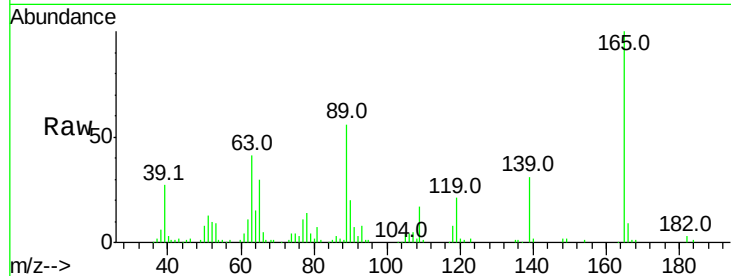
#55
4-Nitrophenol
Concen: 68.85 ng
RT: 13.03 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.3	34.1	74.1	
65	96.8	31.4	71.4	

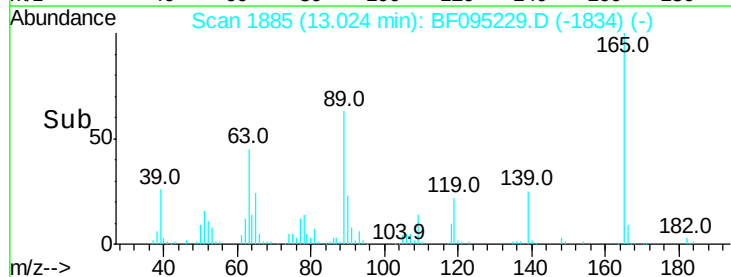
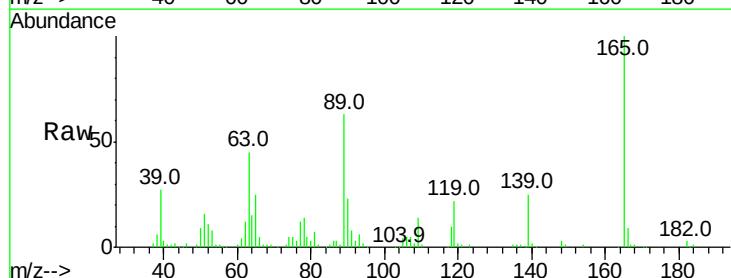
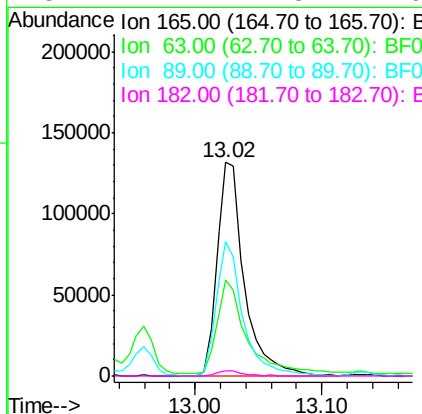
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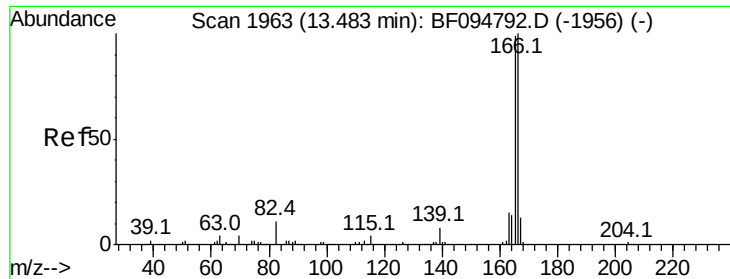
mohammad
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#56
2,4-Dinitrotoluene
Concen: 49.00 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.1	25.4	38.0	
89	62.9	46.4	69.6	
182	2.7	1.8	2.6	





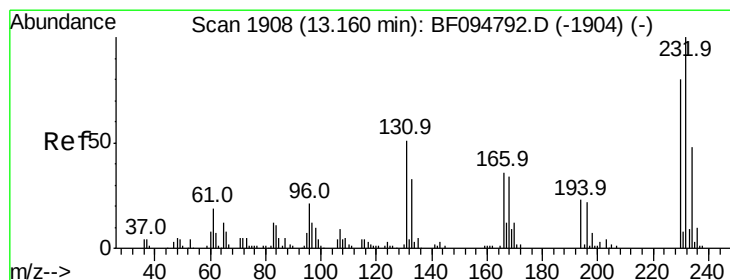
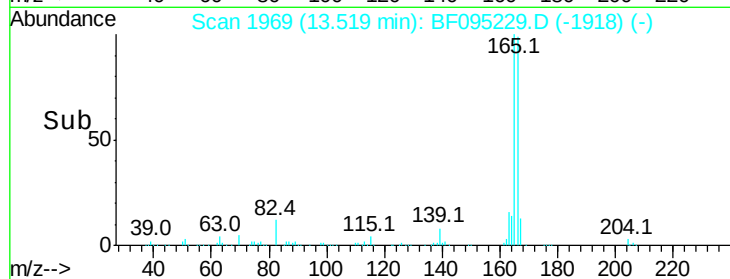
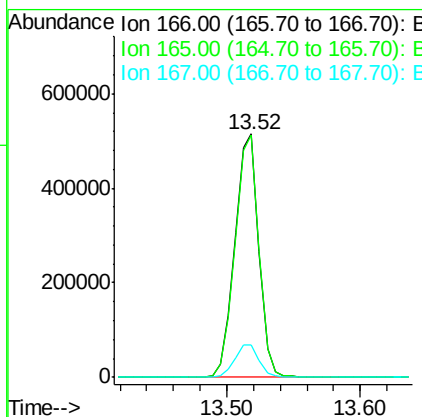
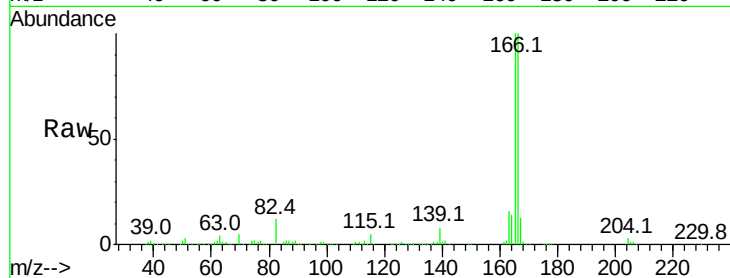
#57
 Fluorene
 Concen: 44.98 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.4	10.6	16.0

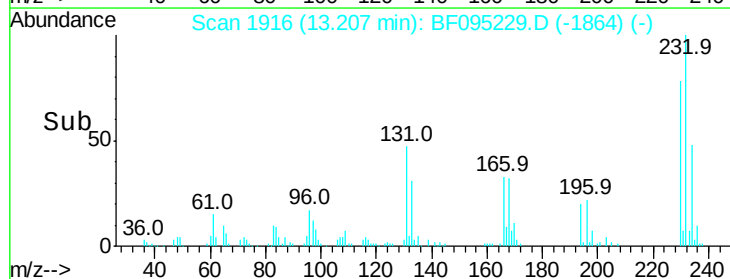
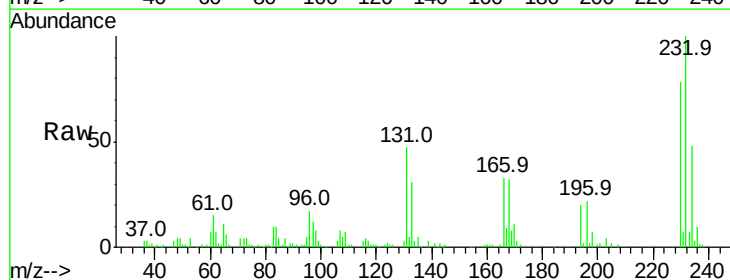
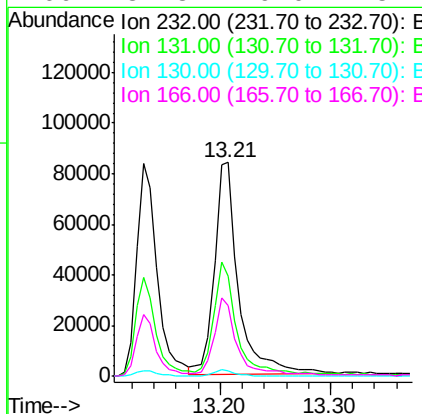
Manual Integrations
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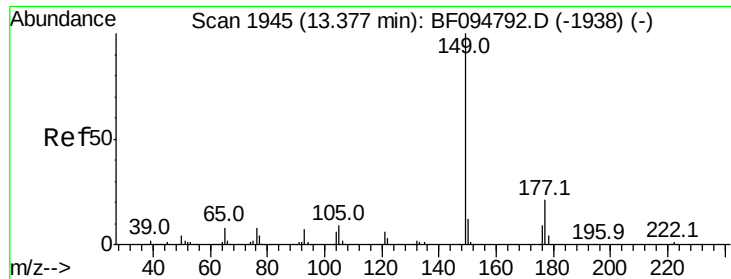
mohammad
 5/19/2017 3:40:01 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.76 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.4	44.8	67.2
130	2.4	2.3	3.5
166	34.8	29.0	43.4





#59

Diethylphthalate

Concen: 43.35 ng

RT: 13.41 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

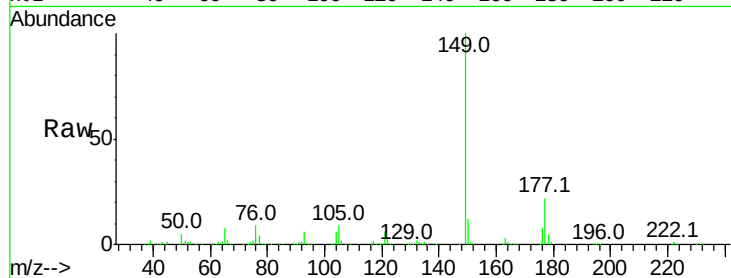
TP-25-6MS

Tot Ion:	149	Resp:	637000
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.7	25.1
150	11.8	10.2	15.2

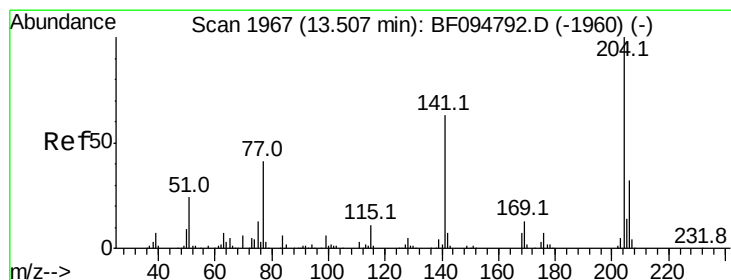
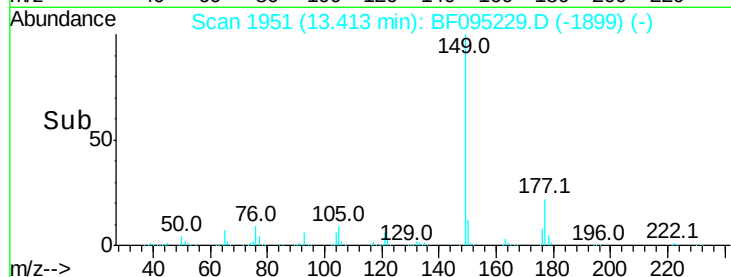
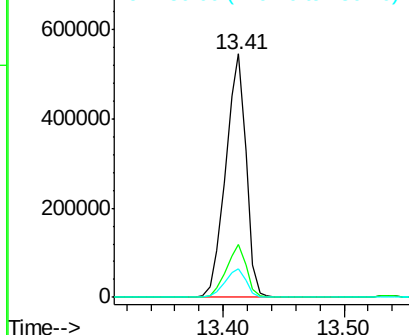
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.67 ng

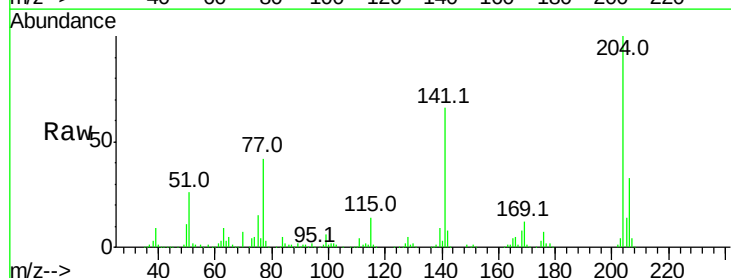
RT: 13.54 min Scan# 1972

Delta R.T. 0.00 min

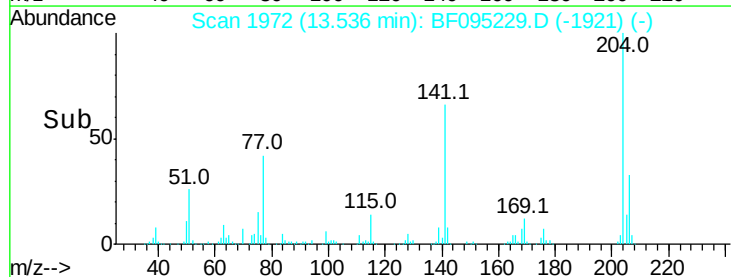
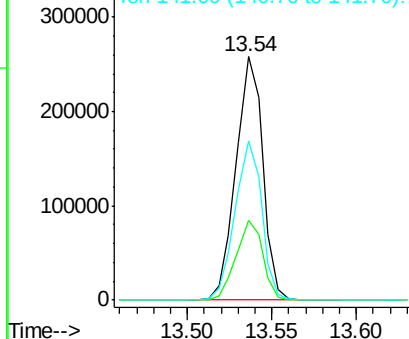
Lab File: BF095229.D

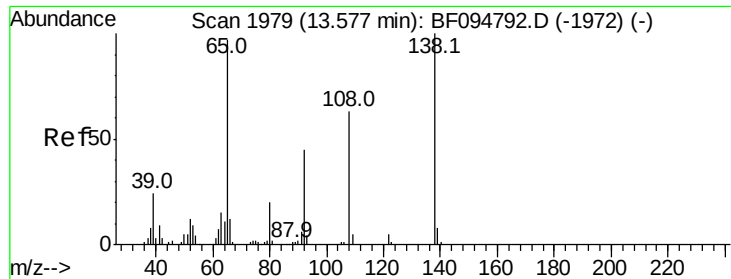
Acq: 18 May 2017 18:49

Tgt Ion:	204	Resp:	286816
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.2	39.2
141	65.6	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





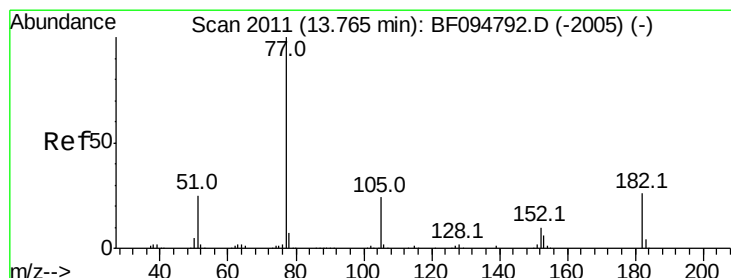
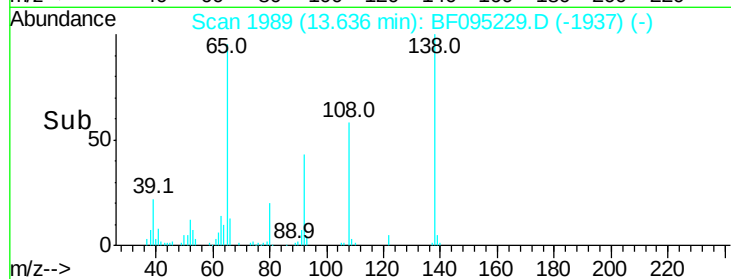
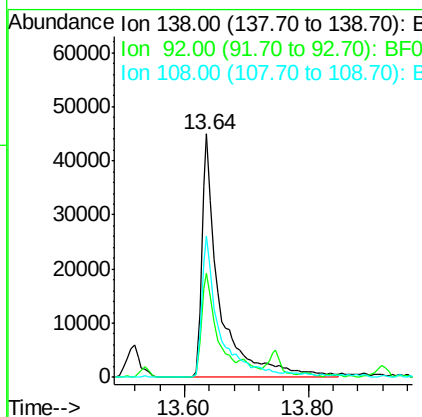
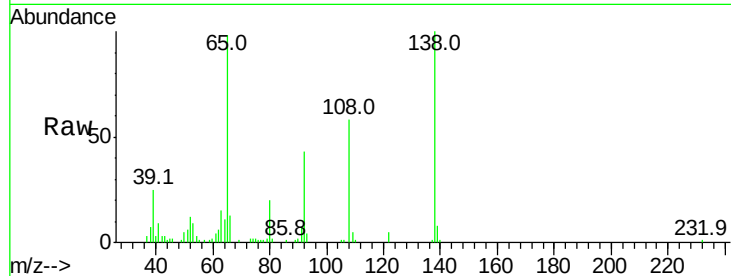
#61
4-Nitroaniline
Concen: 29.27 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.9	21.8	61.8
108	57.8	42.3	82.3

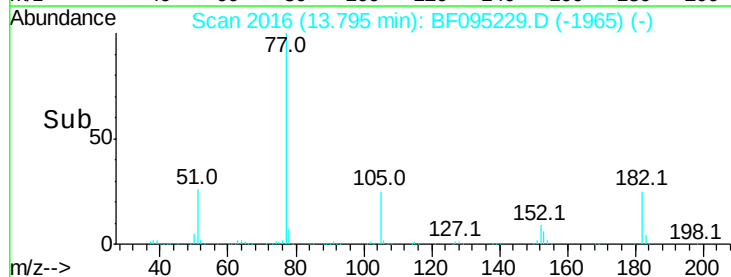
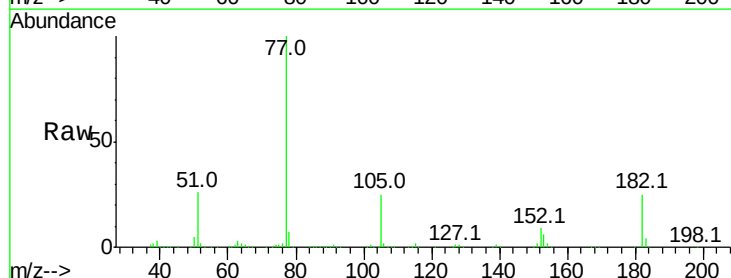
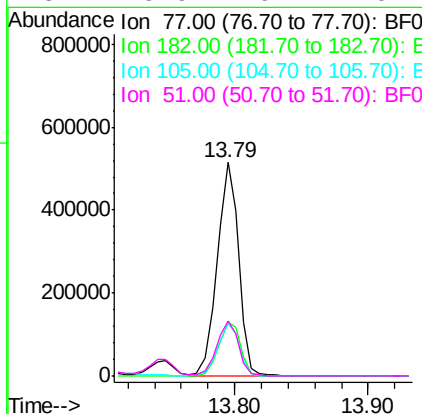
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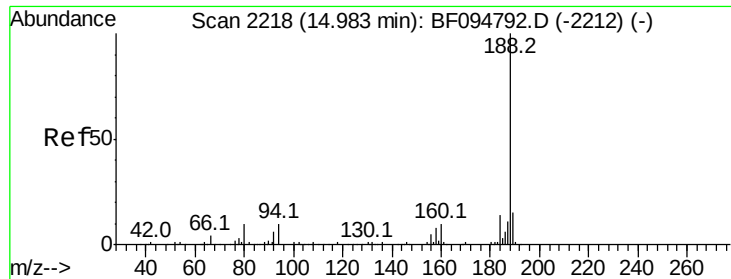
mohammad
5/19/2017 3:40:01 PM



#62
Azobenzene
Concen: 49.27 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	0.1	40.1
105	24.7	3.6	43.6
51	25.9	9.4	49.4





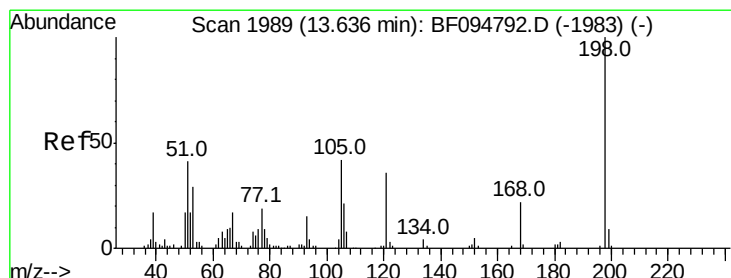
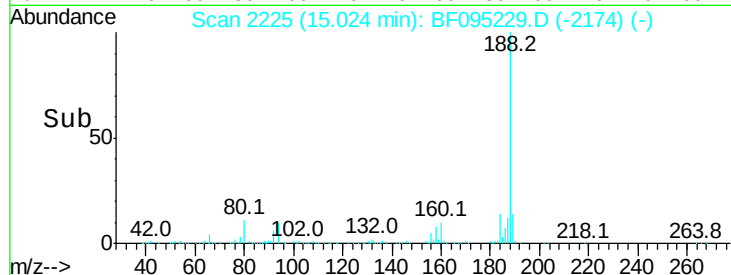
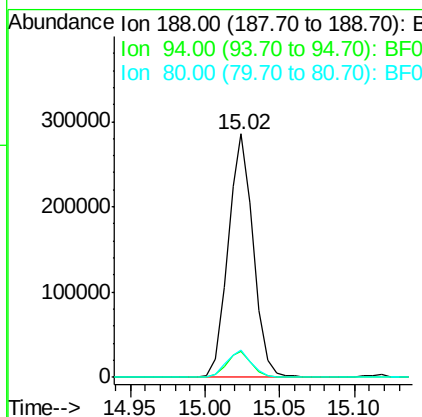
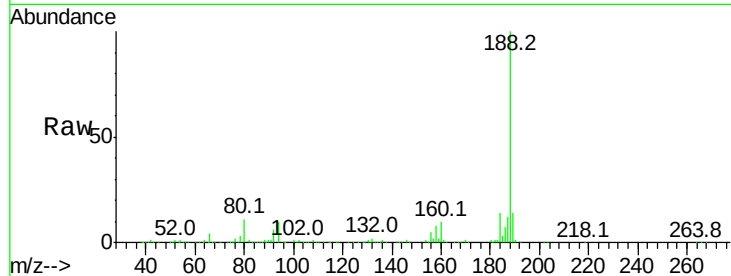
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	11.0	10.2	15.2	

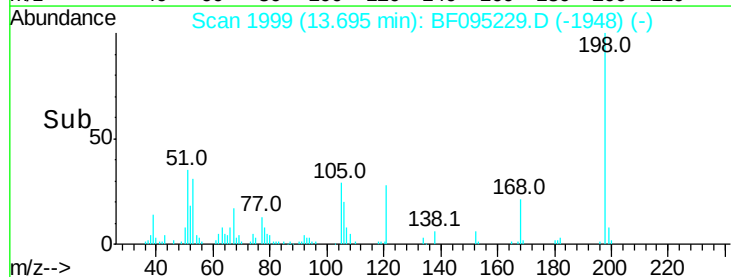
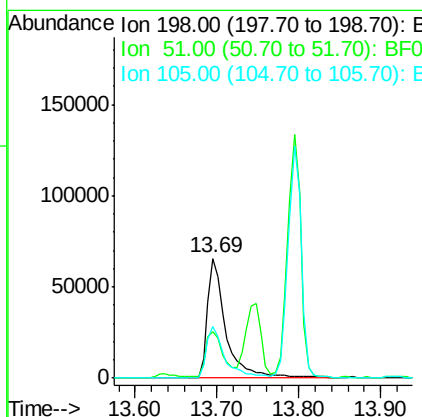
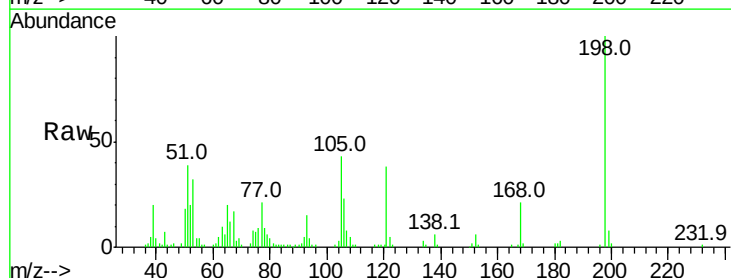
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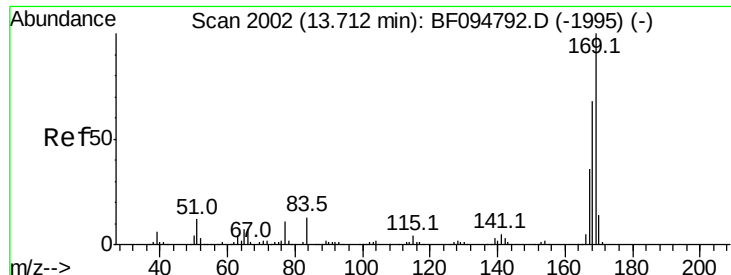
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.82 ng
RT: 13.69 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	39.2	53.2	93.2#	
105	43.1	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 37.13 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

TP-25-6MS

Tot Ion:169 Resp: 453293

Ion Ratio Lower Upper

169 100

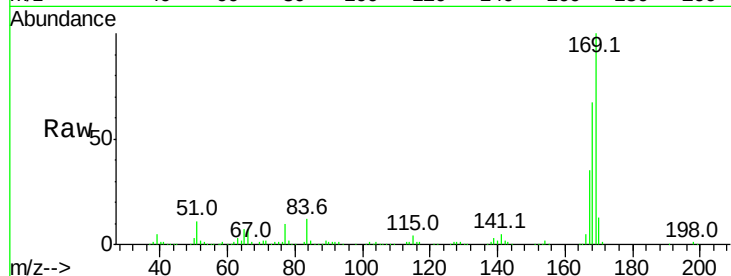
168 66.7 53.2 79.8

167 35.0 29.5 44.3

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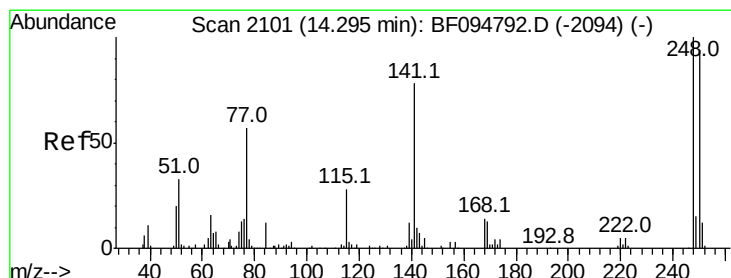
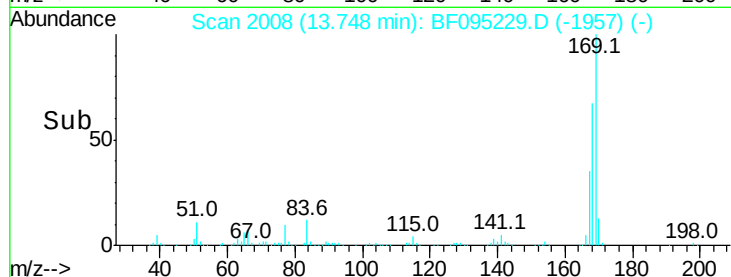
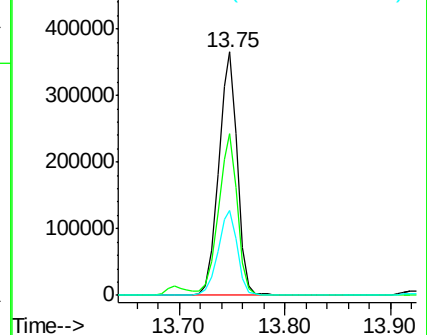
5/19/2017 3:40:01 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.78 ng

RT: 14.32 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

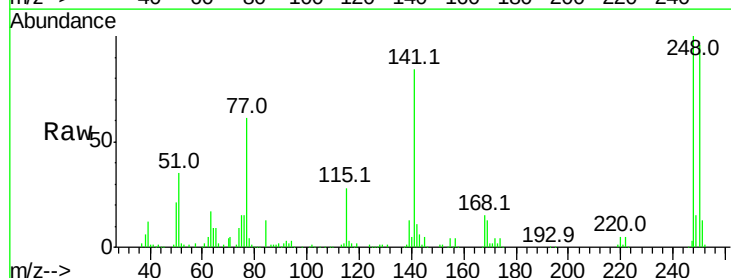
Tgt Ion:248 Resp: 162705

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

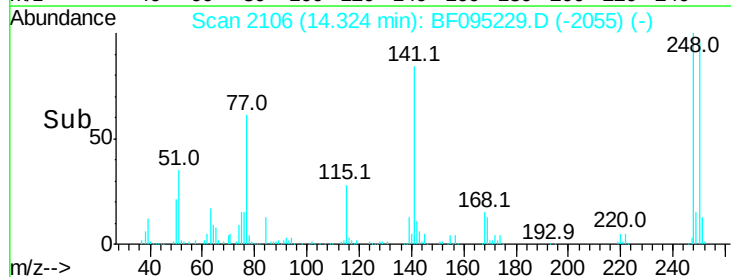
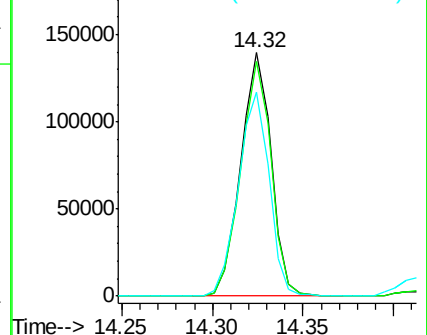
141 83.7 68.6 103.0

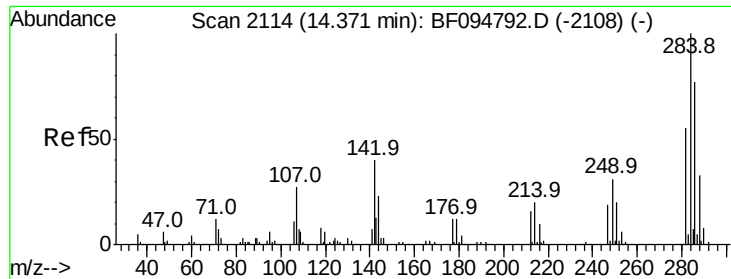


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.63 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

TP-25-6MS

Tot Ion:284 Resp: 162552
Ion Ratio Lower Upper

284 100

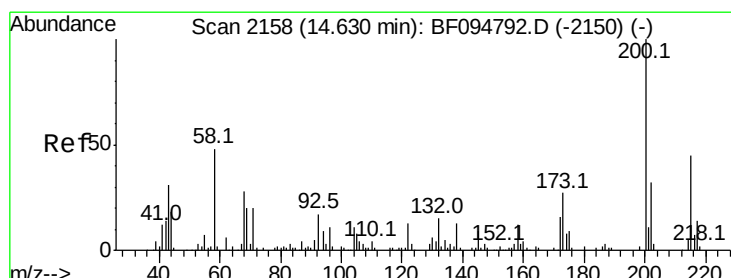
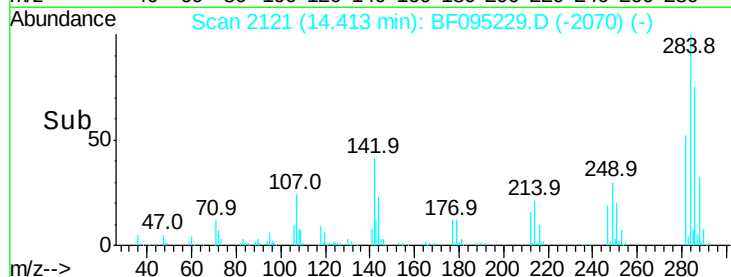
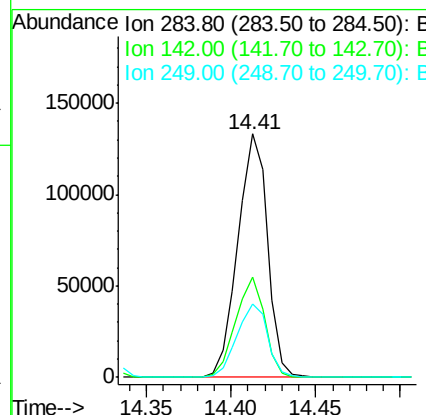
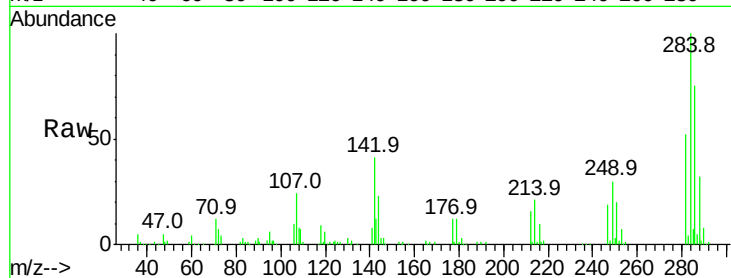
142 41.2 22.8 34.2#

249 30.2 24.0 36.0

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#68

Atrazine

Concen: 20.83 ng

RT: 14.67 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF095229.D

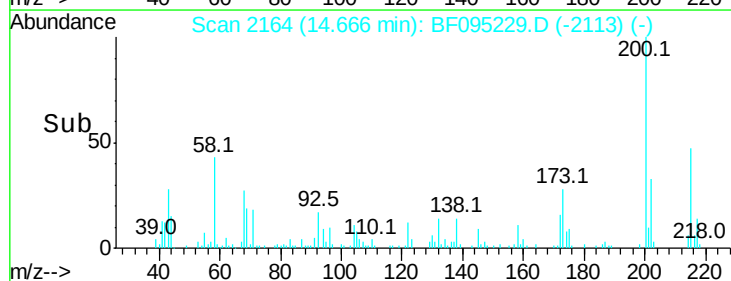
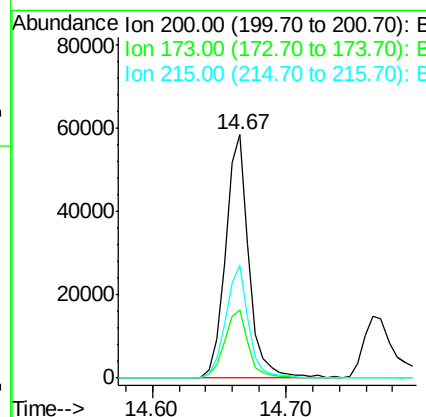
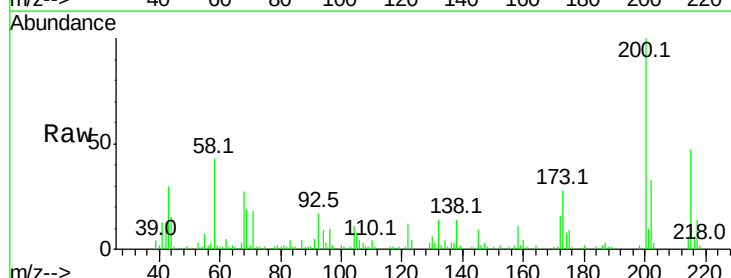
Acq: 18 May 2017 18:49

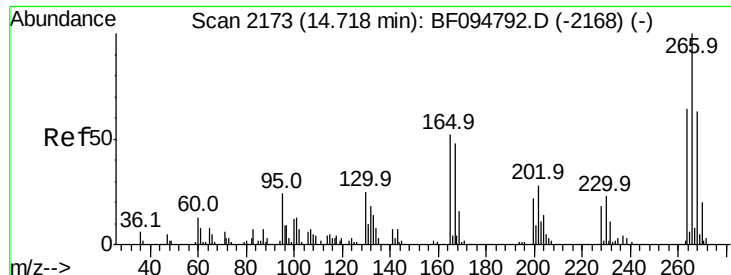
Tgt Ion:200 Resp: 71791
Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

215 46.5 27.2 67.2





#69
 Pentachlorophenol
 Concen: 81.75 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

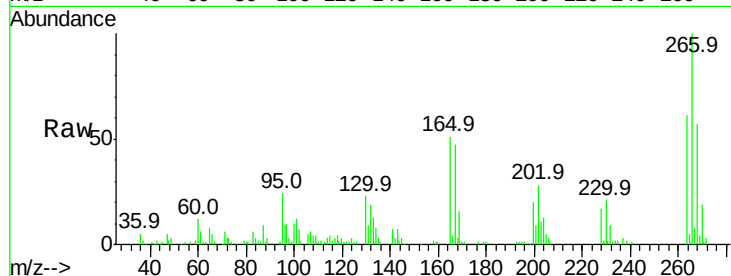
Instrument :
 BNA_F
 ClientSampled :
 TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	134844		
268	57.3		51.1	76.7
264	60.8		51.7	77.5

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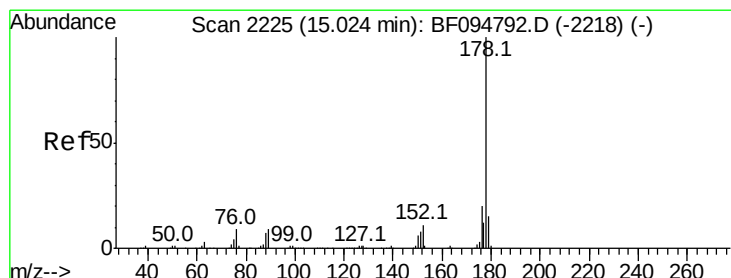
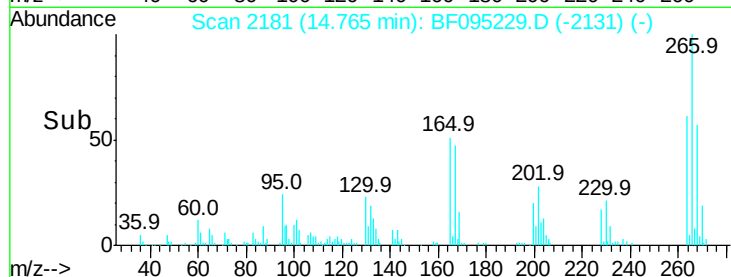
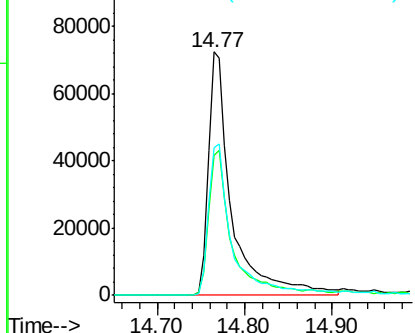


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.37 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

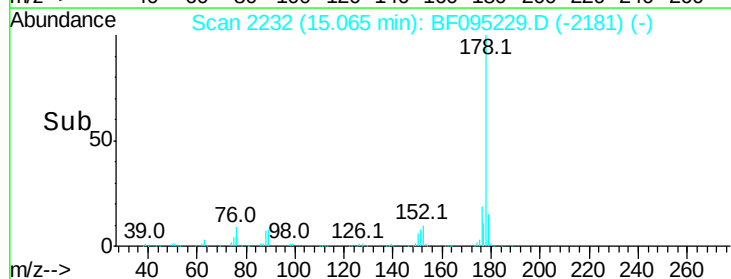
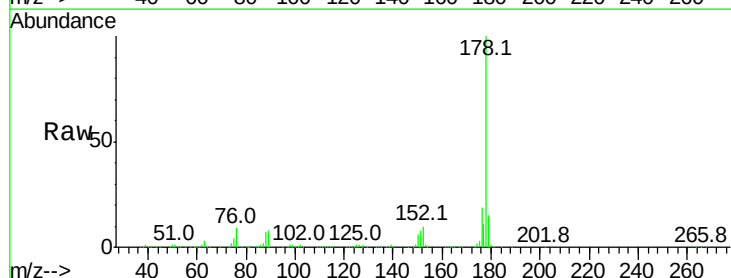
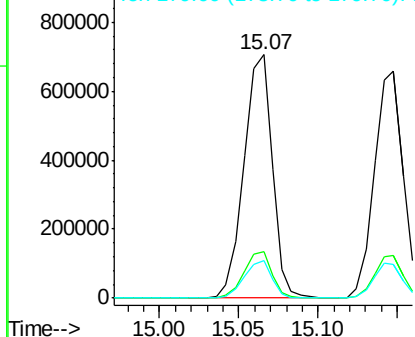
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	876849		
176	18.9		16.2	24.4
179	15.4		12.6	19.0

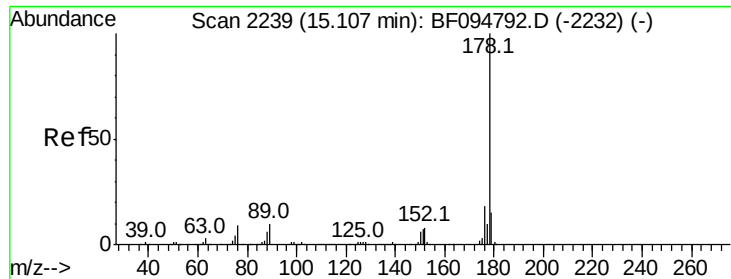
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





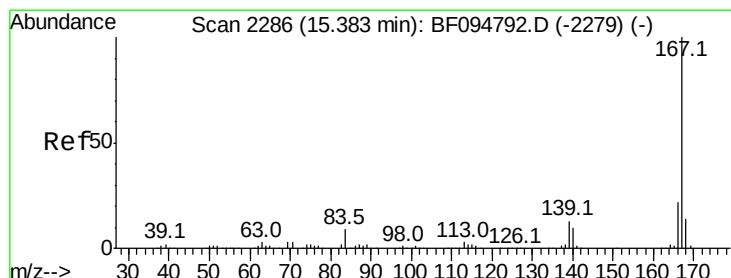
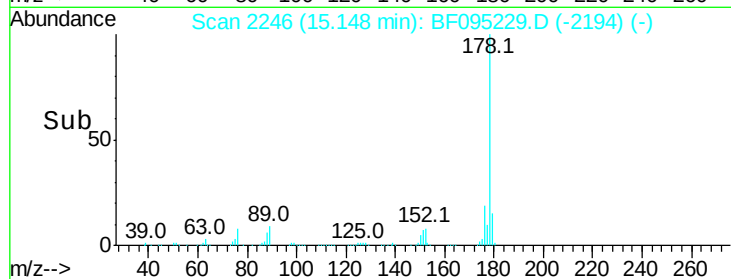
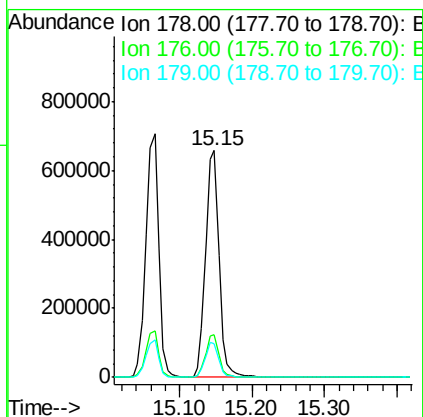
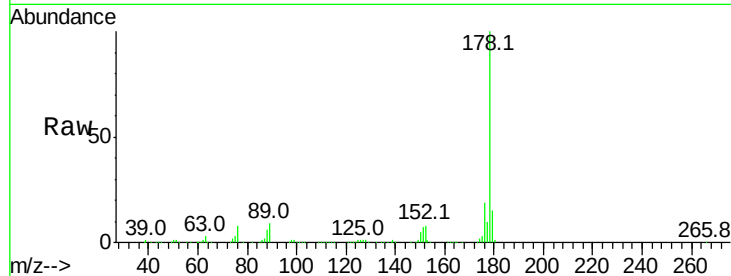
#71
 Anthracene
 Concen: 43.64 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.1	12.7	19.1

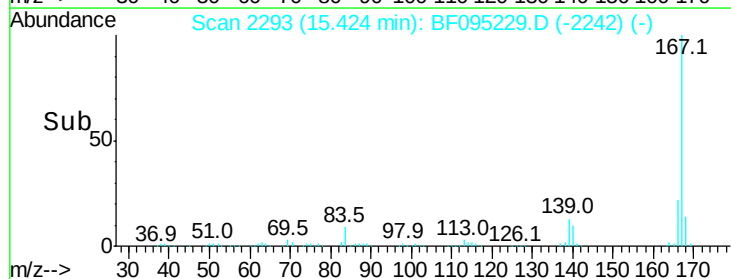
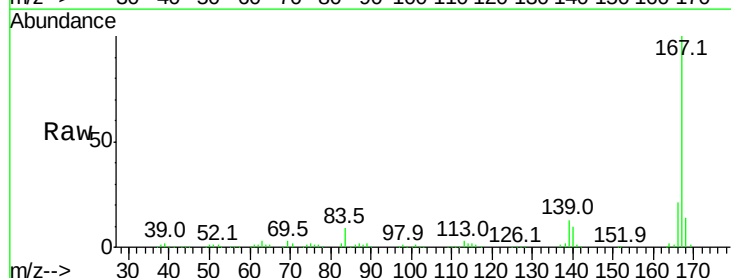
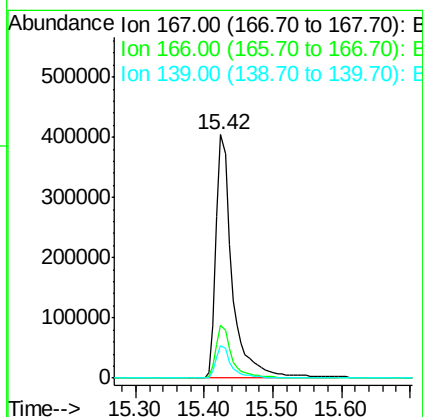
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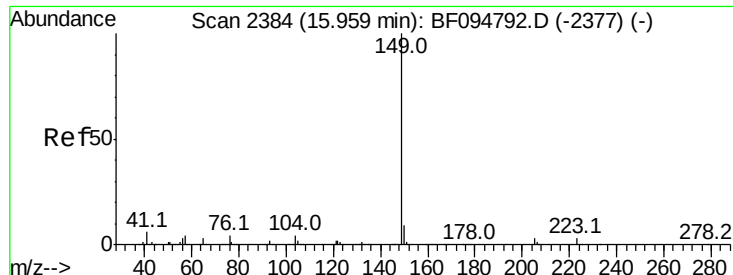
mohammad
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#72
 Carbazole
 Concen: 36.84 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.06 ng

RT: 15.99 min Scan# 2389

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

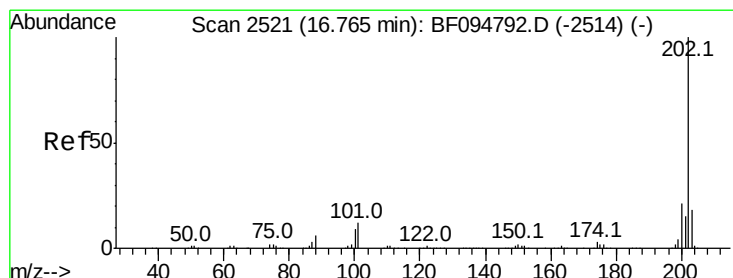
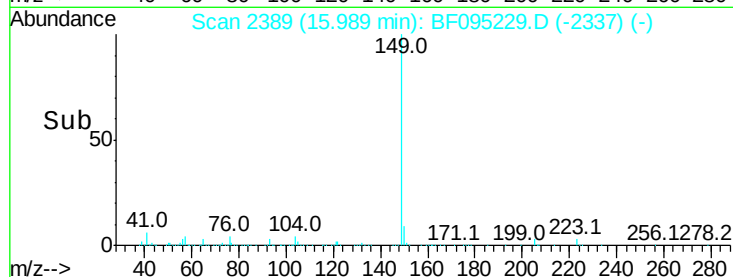
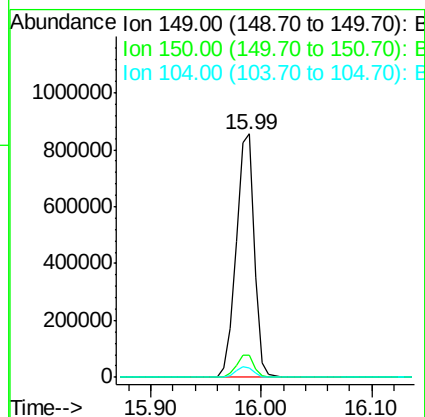
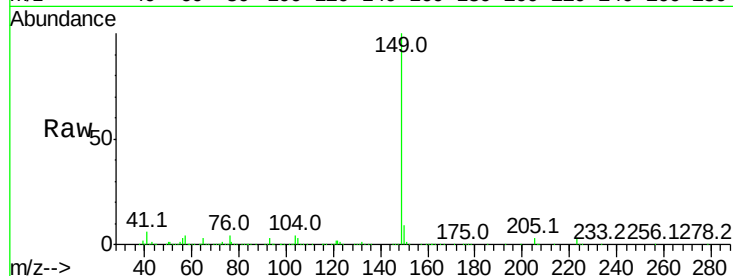
TP-25-6MS

Tot Ion:	149	Resp:	986902
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.1	4.0	6.0

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#74

Fluoranthene

Concen: 44.49 ng

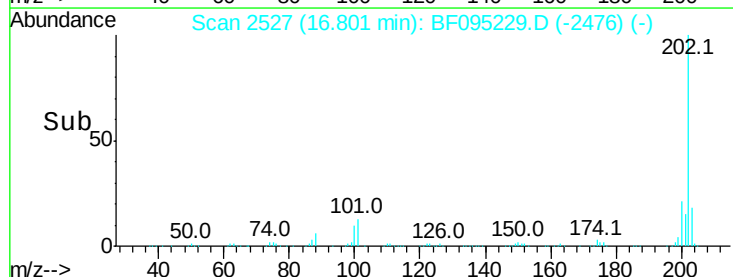
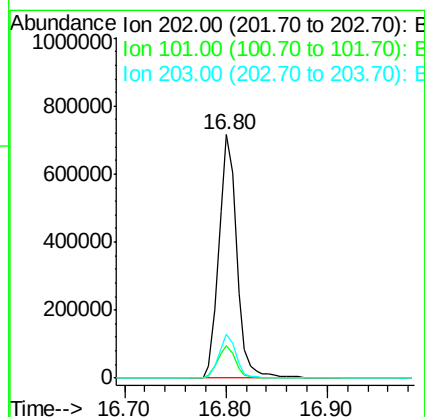
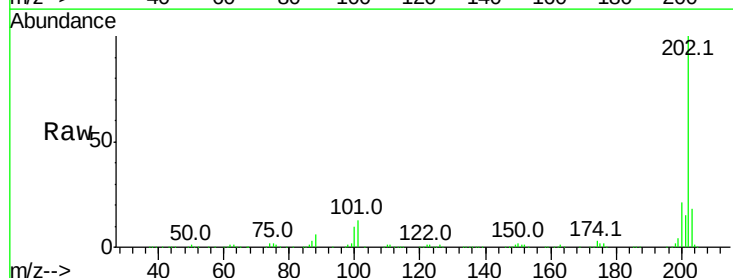
RT: 16.80 min Scan# 2527

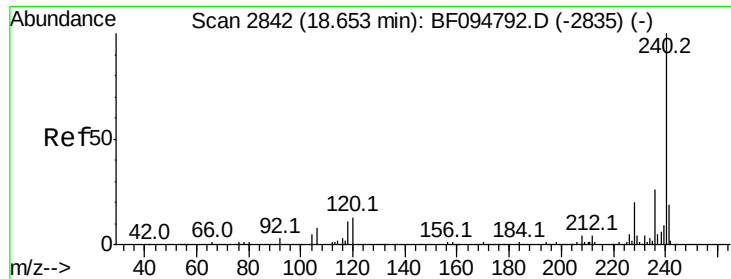
Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	202	Resp:	882094
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

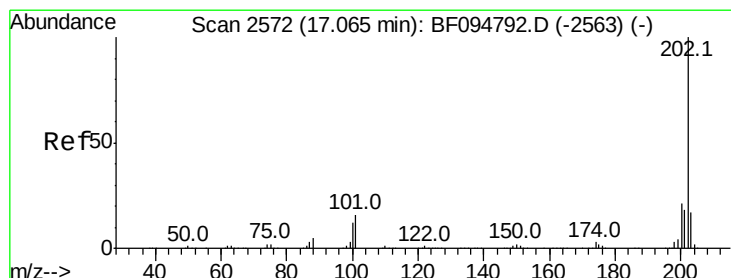
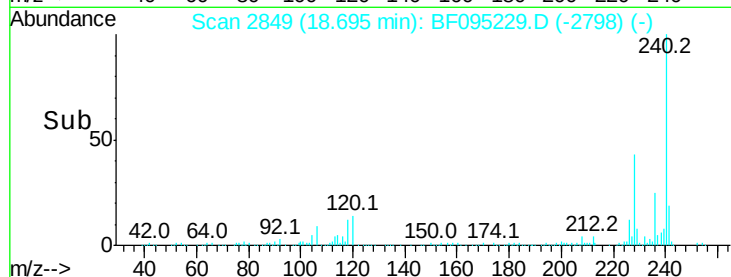
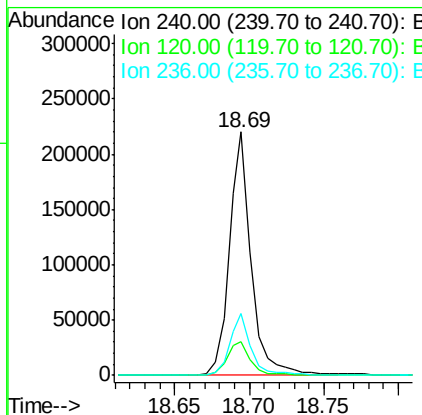
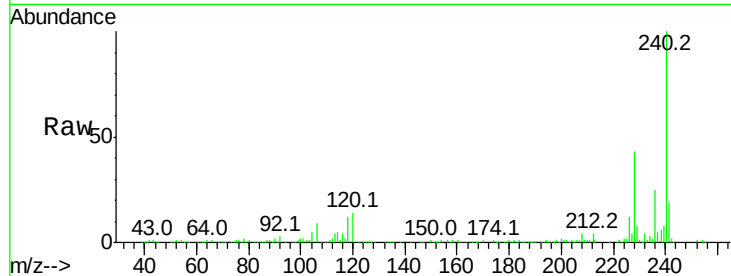
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.2	20.5	30.7

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#77

Pyrene

Concen: 51.37 ng

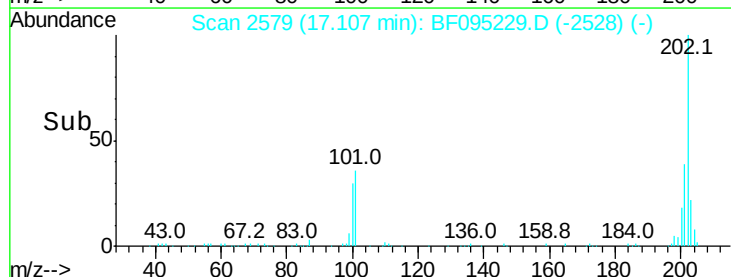
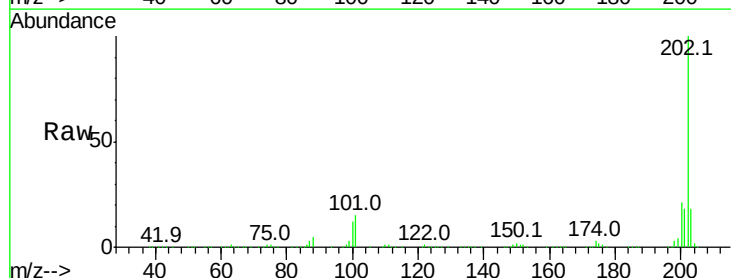
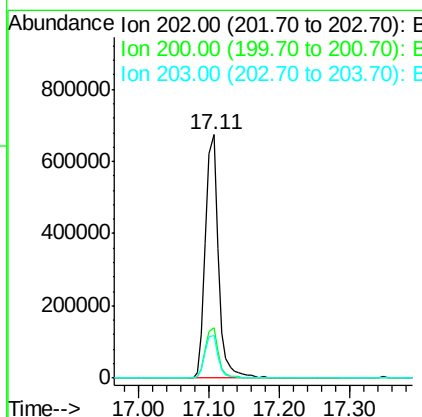
RT: 17.11 min Scan# 2579

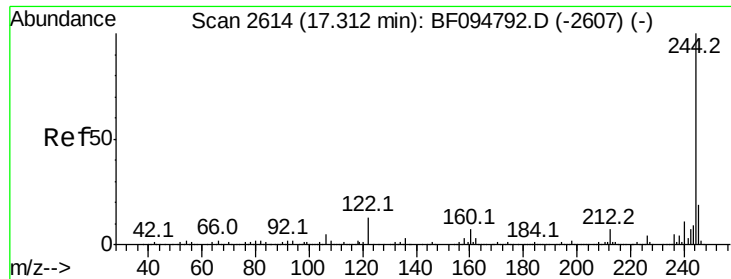
Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.8	14.4	21.6





#78
 Terphenyl-d14
 Concen: 98.57 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

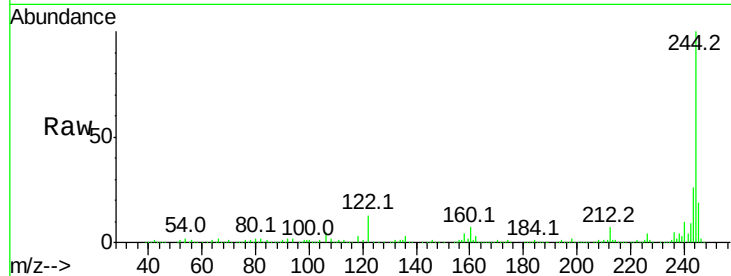
Instrument :
 BNA_F
 ClientSampled :
 TP-25-6MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.0	10.3	15.5

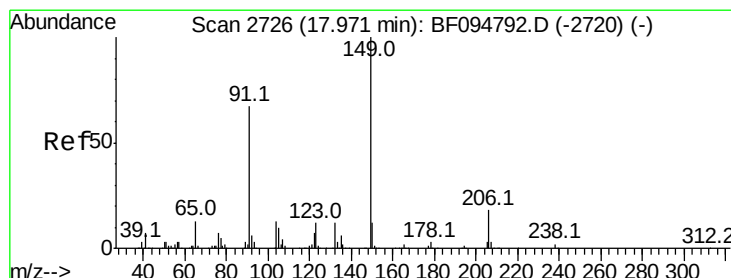
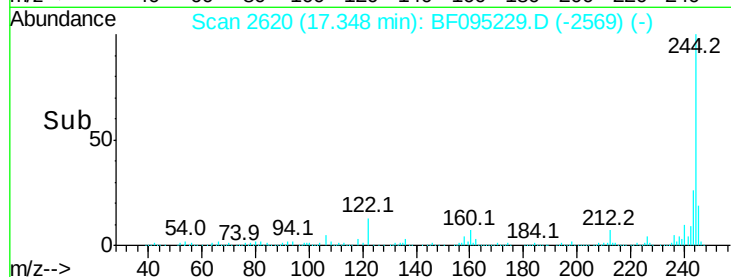
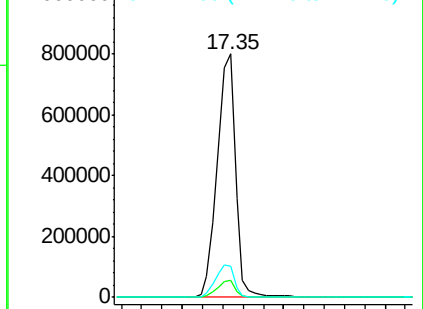
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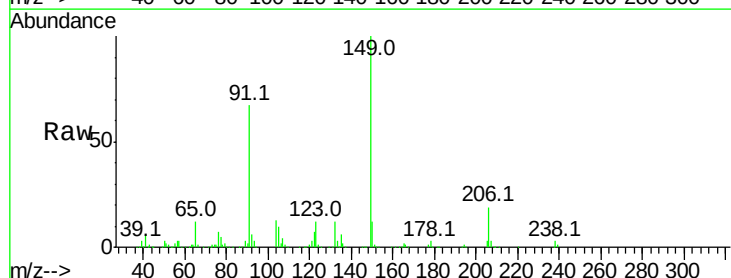


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

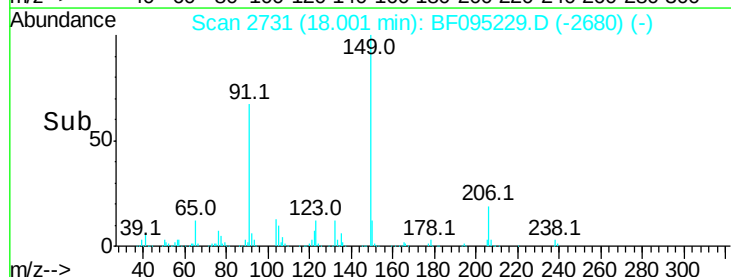
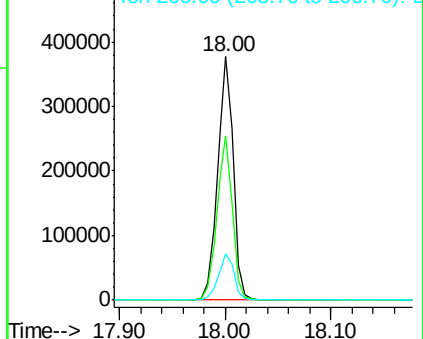


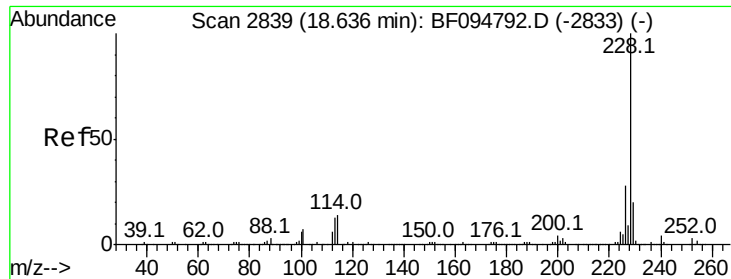
#79
 Butylbenzylphthalate
 Concen: 50.49 ng
 RT: 18.00 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	45.0	67.4
206	18.9	17.0	25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





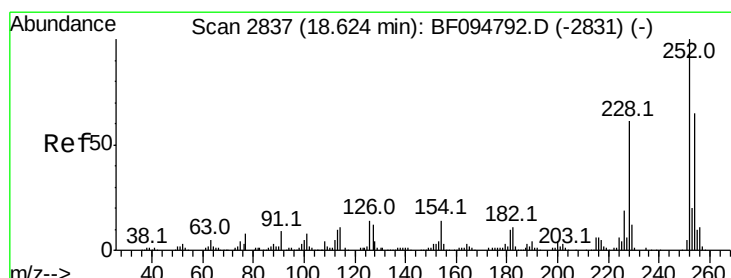
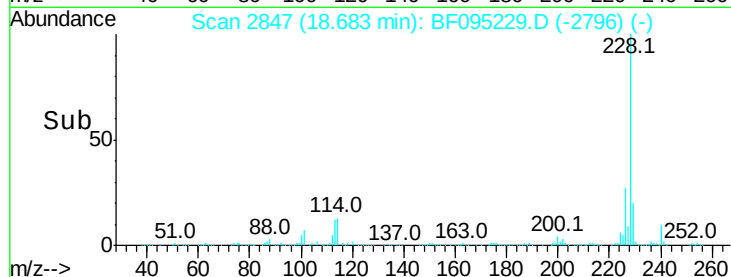
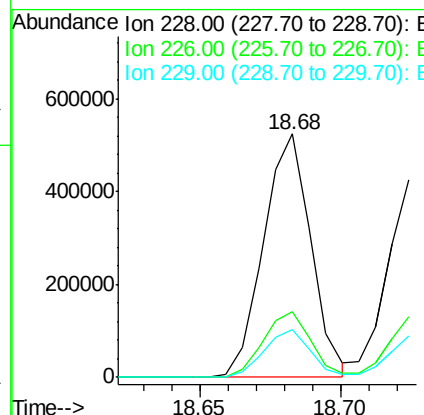
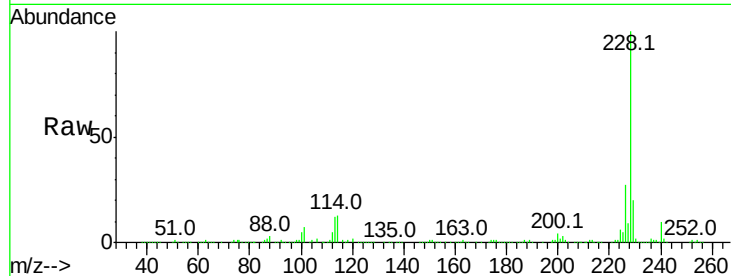
#80
Benzo(a)anthracene
Concen: 46.15 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.5	16.3	24.5

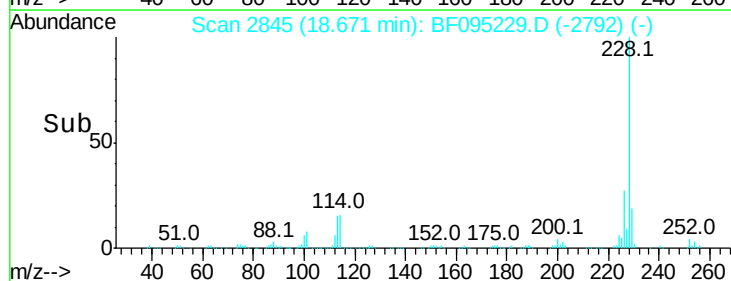
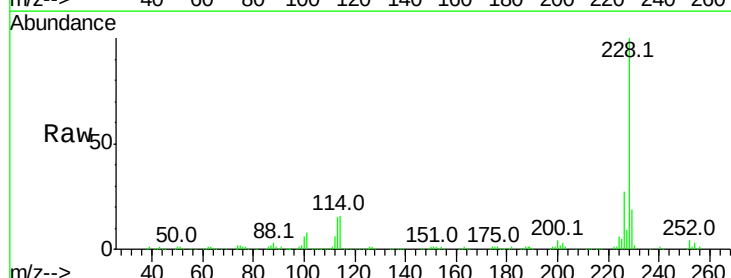
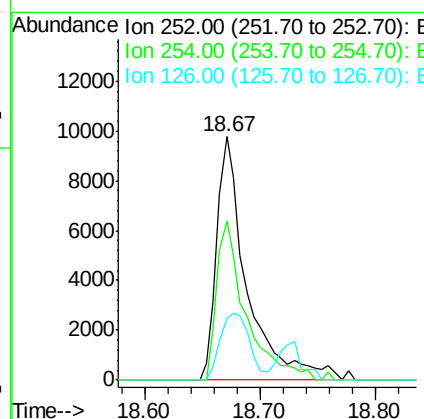
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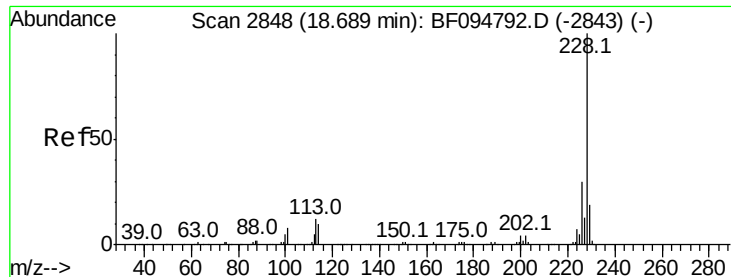
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 3.89 ng
RT: 18.67 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	25.6	15.8	23.8





#82

Chrysene

Concen: 47.10 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

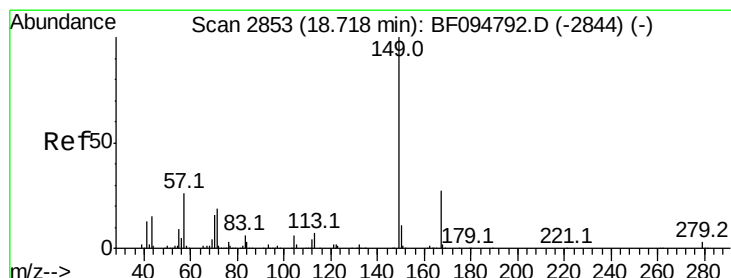
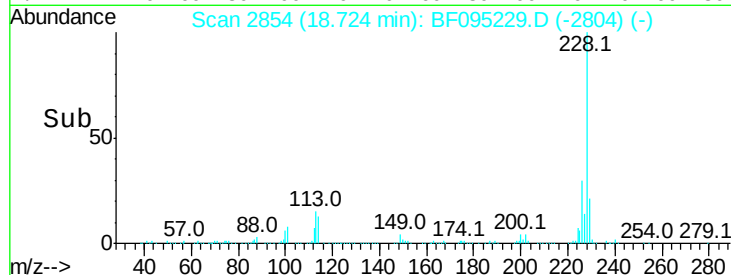
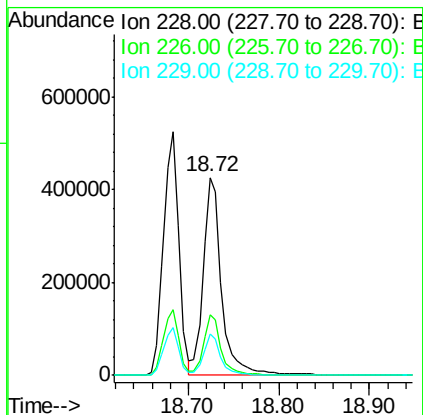
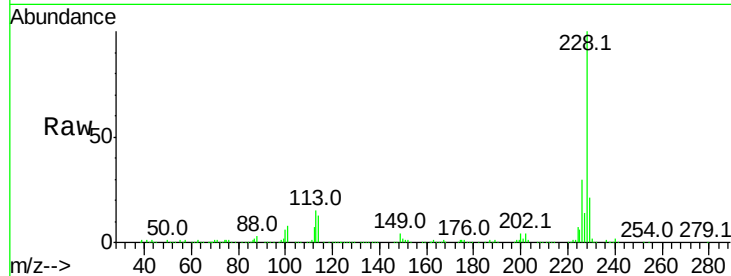
TP-25-6MS

Tot Ion:	228	Resp:	600794
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	20.9	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 50.65 ng

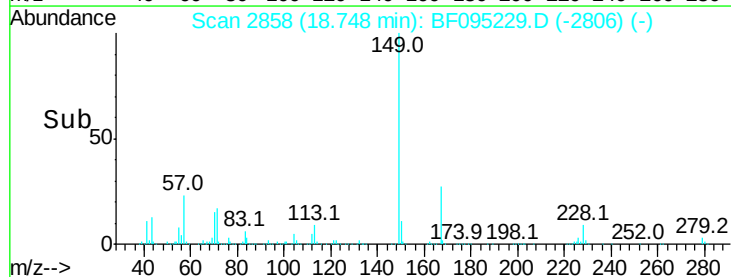
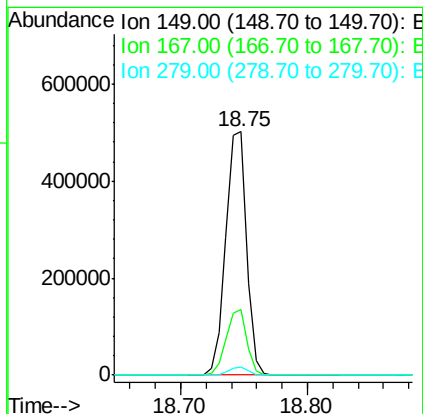
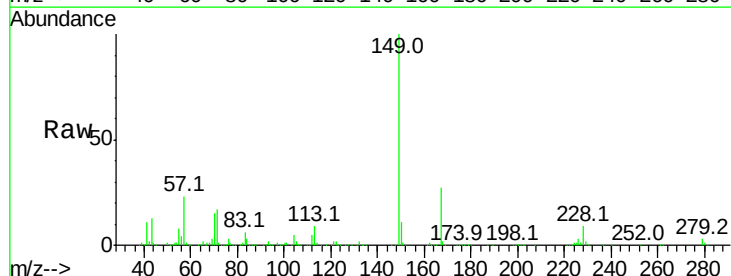
RT: 18.75 min Scan# 2858

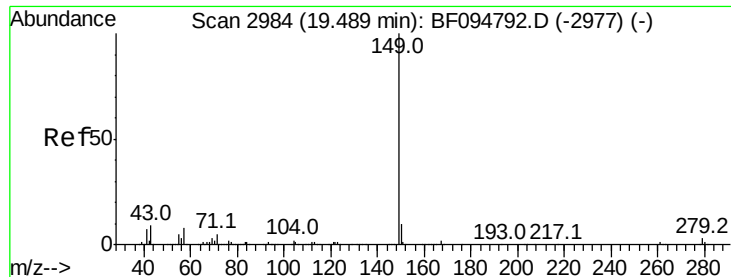
Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:	149	Resp:	569078
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.0	31.4
279	3.3	1.9	2.9#





#84
Di-n-octyl phthalate
Concen: 48.32 ng
RT: 19.51 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

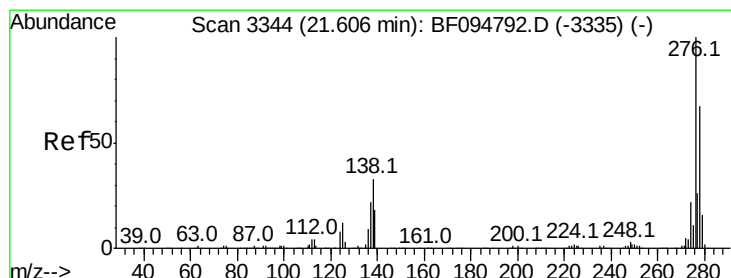
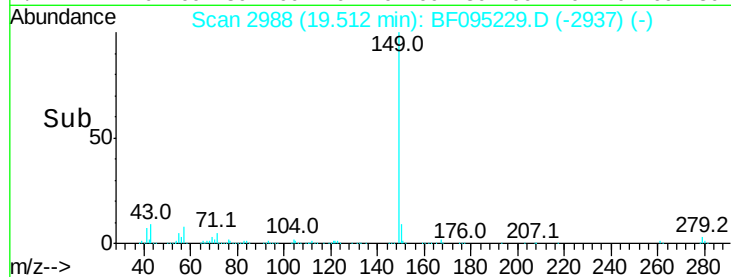
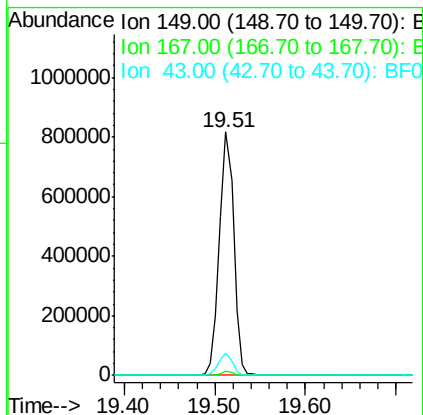
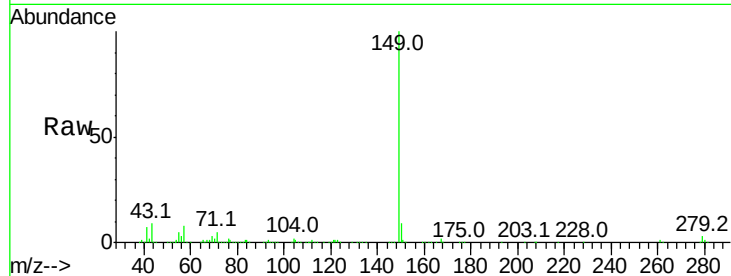
Instrument :
BNA_F
ClientSampled :
TP-25-6MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.6	8.5	12.7	

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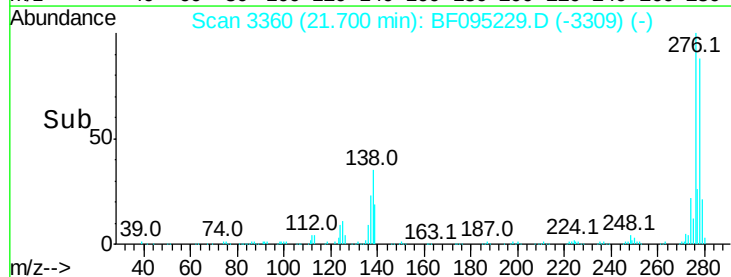
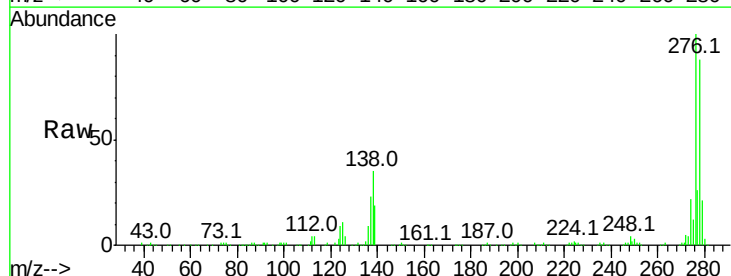
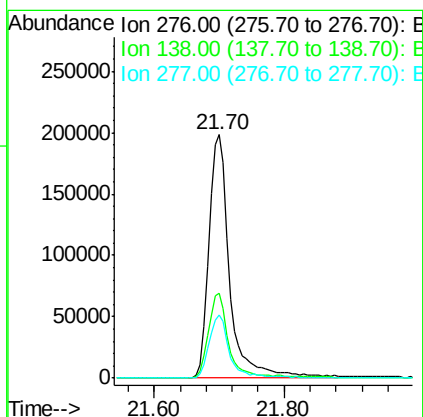
mohammad

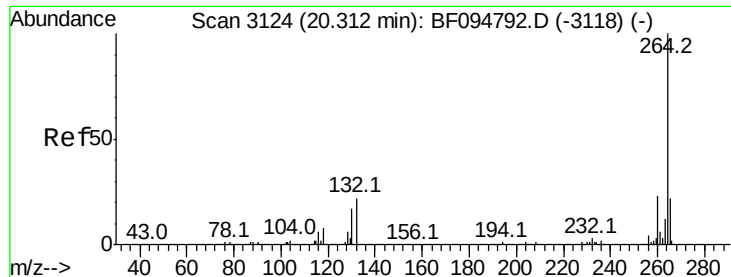
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#85
Indeno(1,2,3-cd)pyrene
Concen: 42.49 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	34.0	27.8	41.6	
277	25.6	20.2	30.4	





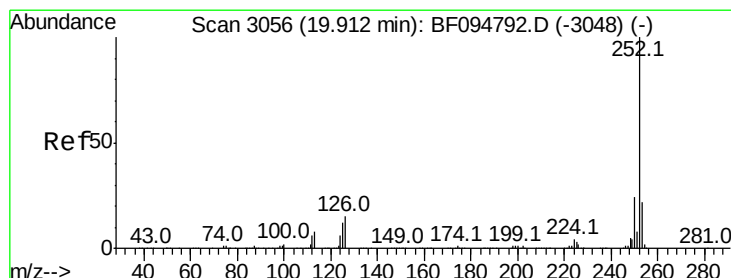
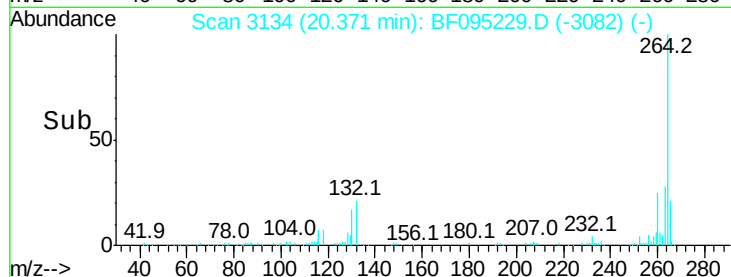
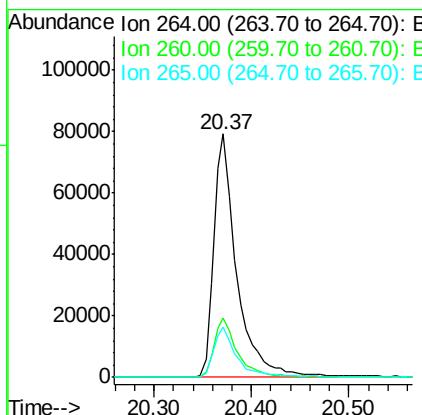
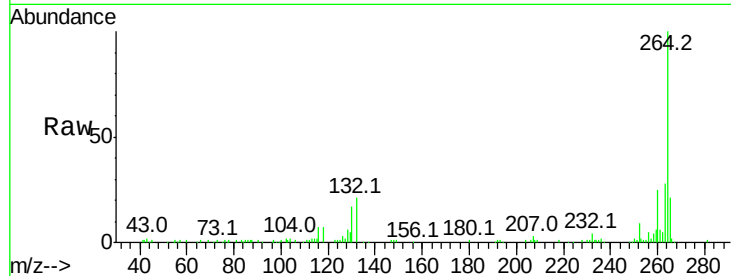
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampled :
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.7	17.2	25.8

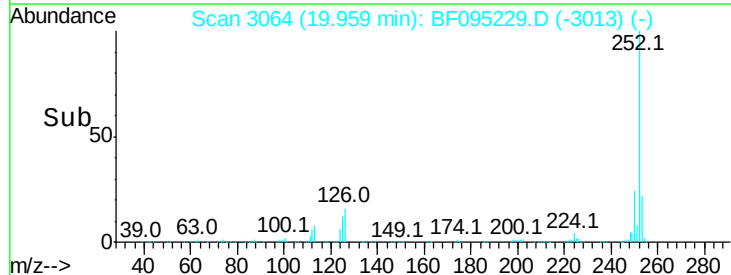
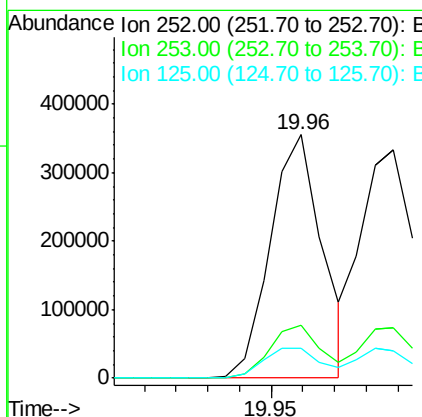
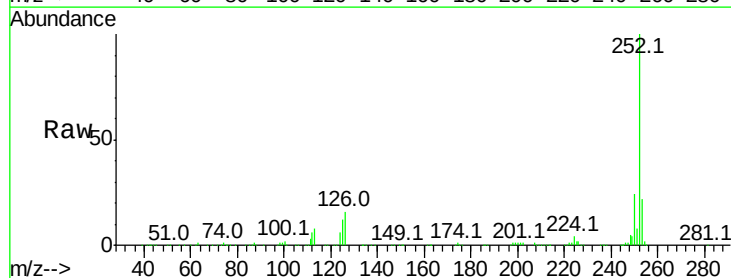
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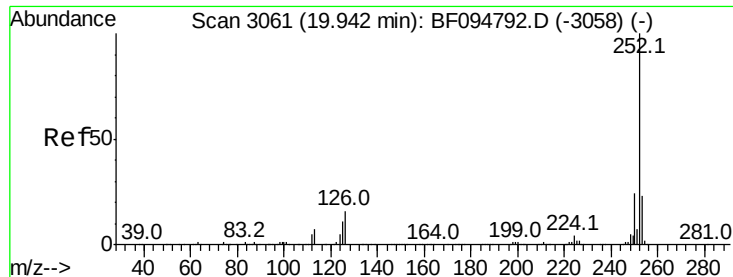
mohammad
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#87
Benzo(b)fluoranthene
Concen: 50.82 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.2	9.8	14.8





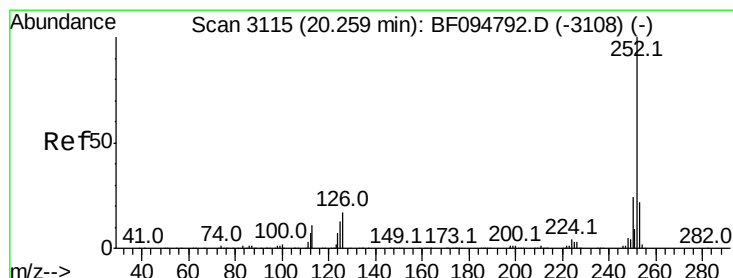
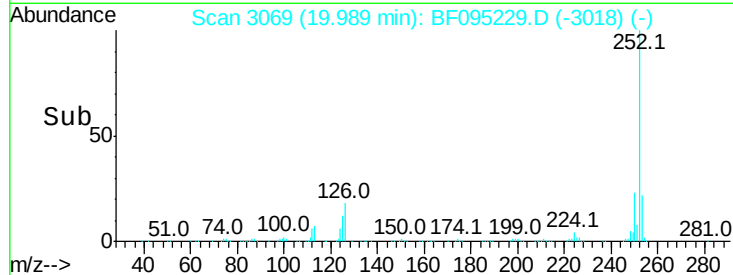
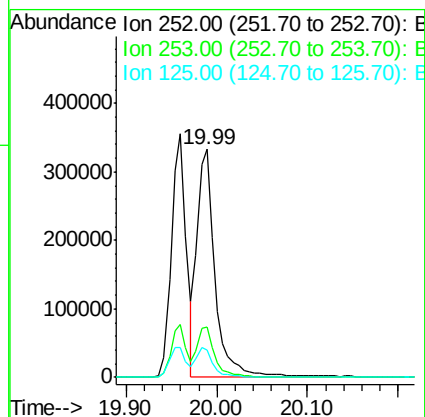
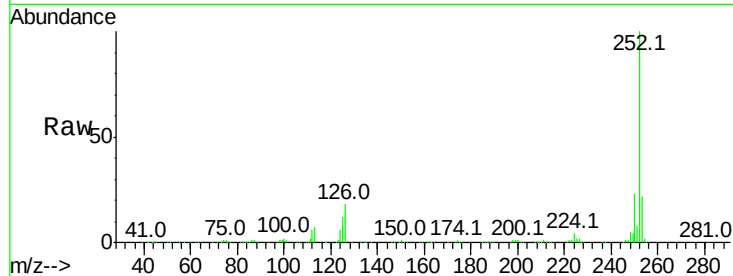
#88
Benzo(k)fluoranthene
Concen: 59.11 ng
RT: 19.99 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	12.1	13.1	19.7

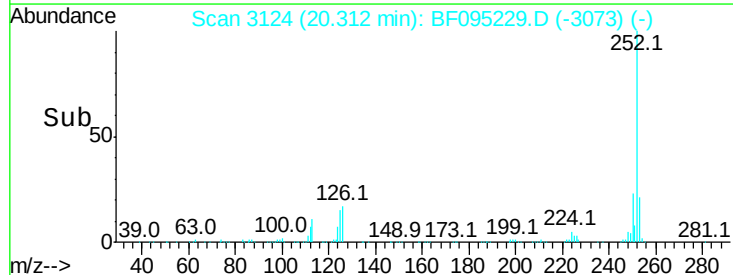
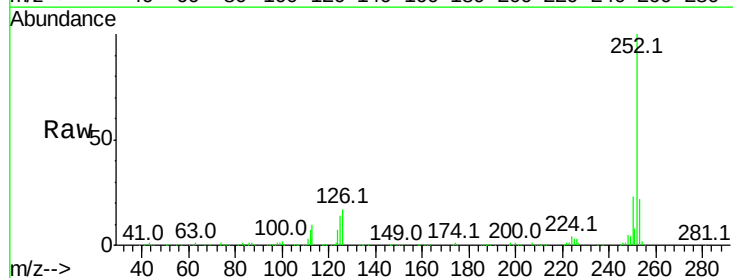
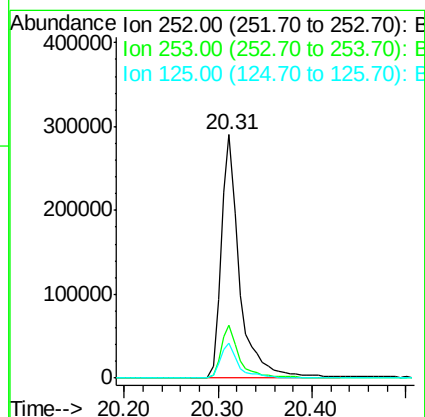
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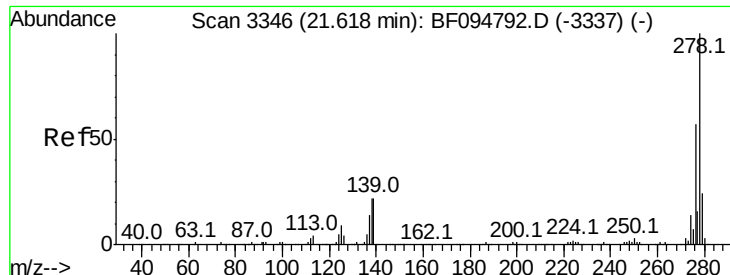
mohammad
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#89
Benzo(a)pyrene
Concen: 53.25 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.4	11.0	16.4





#90
Dibenzo(a,h)anthracene
Concen: 58.33 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

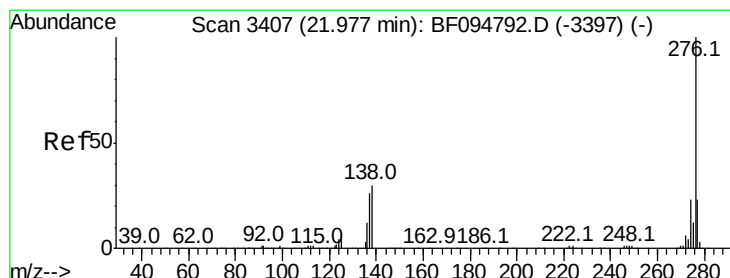
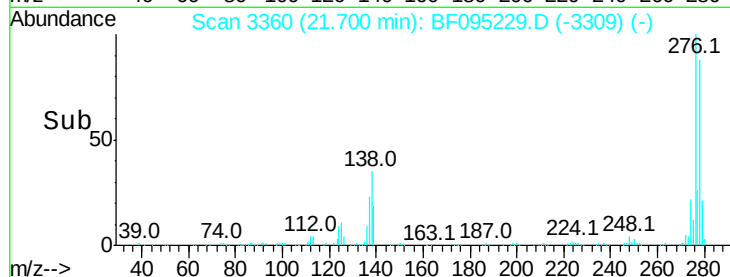
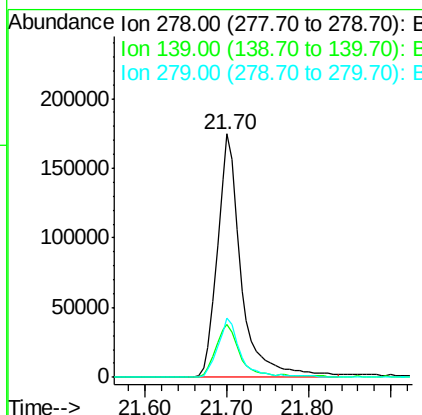
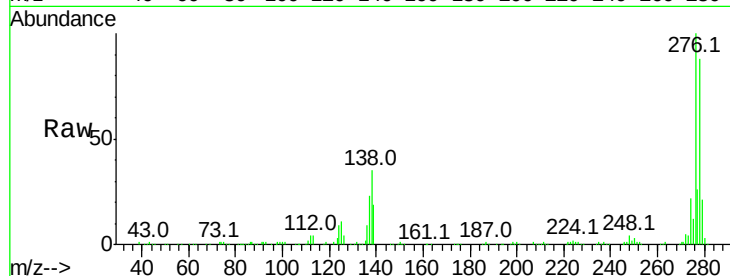
Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Tot Ion:	278	Resp:	354455
Ion Ratio	Lower	Upper	
278	100		
139	21.7	16.6	24.8
279	24.2	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 66.95 ng
RT: 22.08 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:	276	Resp:	399237
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.6	28.0
138	27.8	25.4	38.0

