

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095904.D
 Acq On : 13 Jun 2017 20:45
 Operator : SJ/MA
 Sample : I3643-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

Manual Integrations
 APPROVED

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 6/14/2017 4:24:44 PM

Quant Time: Jun 14 05:02:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	70423	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	293163	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	132468	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	225325	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	133120	20.00	ng	-0.04
86) Perylene-d12	19.99	264	125003	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	579031	131.02	ng	-0.03
7) Phenol-d6	6.93	99	671902	126.99	ng	-0.03
23) Nitrobenzene-d5	8.27	82	402539	85.28	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	140976	120.28	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	775258	81.44	ng	-0.05
78) Terphenyl-d14	16.97	244	547202	102.01	ng	-0.04

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.72	88	67626	32.17	ng	95
3) Pyridine	2.28	79	167089	33.81	ng	100
4) n-Nitrosodimethylamine	2.24	42	73373	39.06	ng	80
6) Aniline	6.86	93	196848	28.44	ng	92
8) 2-Chlorophenol	7.04	128	213430	45.42	ng	94
9) Benzaldehyde	6.67	77	66656	18.68	ng	99
10) Phenol	6.94	94	274406	50.00	ng	89
11) bis(2-Chloroethyl)ether	7.00	93	189861	43.67	ng	96
12) 1,3-Dichlorobenzene	7.25	146	220350	41.43	ng	98
13) 1,4-Dichlorobenzene	7.37	146	226914	42.07	ng	96
14) 1,2-Dichlorobenzene	7.61	146	212226	42.68	ng	95
15) Benzyl Alcohol	7.66	79	165065	45.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.85	45	264403	43.28	ng	97
17) 2-Methylphenol	7.89	107	175355	44.47	ng	99
18) Hexachloroethane	8.13	117	76696	43.05	ng	88
19) n-Nitroso-di-n-propylamine	8.09	70	149127	44.48	ng	94
20) 3+4-Methylphenols	8.16	107	226601	45.27	ng	# 56
22) Acetophenone	8.05	105	296303	43.18	ng	# 83
24) Nitrobenzene	8.30	77	210930	41.83	ng	91
25) Isophorone	8.70	82	375839	42.64	ng	97
26) 2-Nitrophenol	8.82	139	119536	45.27	ng	96
27) 2,4-Dimethylphenol	8.96	122	187628	45.79	ng	98
28) bis(2-Chloroethoxy)methane	9.09	93	249760	42.99	ng	100
29) 2,4-Dichlorophenol	9.25	162	177091	44.87	ng	98
30) 1,2,4-Trichlorobenzene	9.32	180	174703	42.54	ng	100
31) Naphthalene	9.42	128	604815	41.11	ng	100
33) 4-Chloroaniline	9.58	127	108359	18.84	ng	# 93
34) Hexachlorobutadiene	9.63	225	88533	41.72	ng	99
35) Caprolactam	10.20	113	52127m	44.39	ng	
36) 4-Chloro-3-methylphenol	10.45	107	179657	43.49	ng	91
37) 2-Methylnaphthalene	10.55	142	417056	41.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	165273	41.69	ng	98
40) Hexachlorocyclopentadiene	10.79	237	72528	61.40	ng	98
42) 2,4,6-Trichlorophenol	11.06	196	109580	42.99	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.15	196	102520	37.81	nq	95
45) 1,1'-Biphenyl	11.31	154	465940	42.68	nq	98
46) 2-Chloronaphthalene	11.33	162	356895	41.84	nq	96
47) 2-Nitroaniline	11.55	65	105081	42.09	nq	# 84
48) Acenaphthylene	11.97	152	557701	38.23	nq	99
49) Dimethylphthalate	11.87	163	512182	50.92	nq	99
50) 2,6-Dinitrotoluene	11.97	165	88941	40.54	nq	# 78
51) Acenaphthene	12.26	154	331031	39.29	nq	98
52) 3-Nitroaniline	12.23	138	73489	28.75	nq	92
53) 2,4-Dinitrophenol	12.47	184	33457	31.23	nq	# 62
54) Dibenzofuran	12.54	168	511369	43.13	nq	99
55) 4-Nitrophenol	12.65	139	98202	66.62	nq	# 73
56) 2,4-Dinitrotoluene	12.64	165	127389	42.99	nq	# 91
57) Fluorene	13.10	166	403998	39.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	83611	45.07	nq	# 91
59) Diethylphthalate	13.02	149	411860	42.55	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	181846	40.53	nq	90
61) 4-Nitroaniline	13.24	138	88233	36.97	nq	96
62) Azobenzene	13.39	77	374898	42.74	nq	93
64) 4,6-Dinitro-2-methylphenol	13.31	198	51576	34.82	nq	# 75
65) n-Nitrosodiphenylamine	13.34	169	346853	42.84	nq	98
66) 4-Bromophenyl-phenylether	13.91	248	101268	43.24	nq	96
67) Hexachlorobenzene	13.99	284	98456	42.67	nq	# 88
68) Atrazine	14.27	200	102895	45.66	nq	95
69) Pentachlorophenol	14.36	266	52613	61.77	nq	99
70) Phenanthrene	14.64	178	580144	44.62	nq	97
71) Anthracene	14.73	178	571244	42.09	nq	97
72) Carbazole	15.02	167	514035	38.86	nq	97
73) Di-n-butylphthalate	15.62	149	637754	45.32	nq	98
74) Fluoranthene	16.42	202	569097	44.23	nq	98
76) Benzidine	16.65	184	172815	33.80	nq	# 93
77) Pyrene	16.72	202	556209	56.00	nq	98
79) Butylbenzylphthalate	17.64	149	220454	50.82	nq	# 86
80) Benzo(a)anthracene	18.30	228	351362	45.40	nq	99
81) 3,3'-Dichlorobenzidine	18.29	252	87457	31.78	nq	# 97
82) Chrysene	18.35	228	342961	44.34	nq	97
83) Bis(2-ethylhexyl)phthalate	18.39	149	322678	52.73	nq	100
84) Di-n-octyl phthalate	19.16	149	453890	45.01	nq	95
85) Indeno(1,2,3-cd)pyrene	21.16	276	349386	52.79	nq	99
87) Benzo(b)fluoranthene	19.58	252	347629	44.41	nq	98
88) Benzo(k)fluoranthene	19.61	252	293865m	39.28	nq	
89) Benzo(a)pyrene	19.93	252	317636	44.15	nq	99
90) Dibenzo(a,h)anthracene	21.16	278	288962	47.35	nq	96
91) Benzo(g,h,i)perylene	21.48	276	306124	49.20	nq	99

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

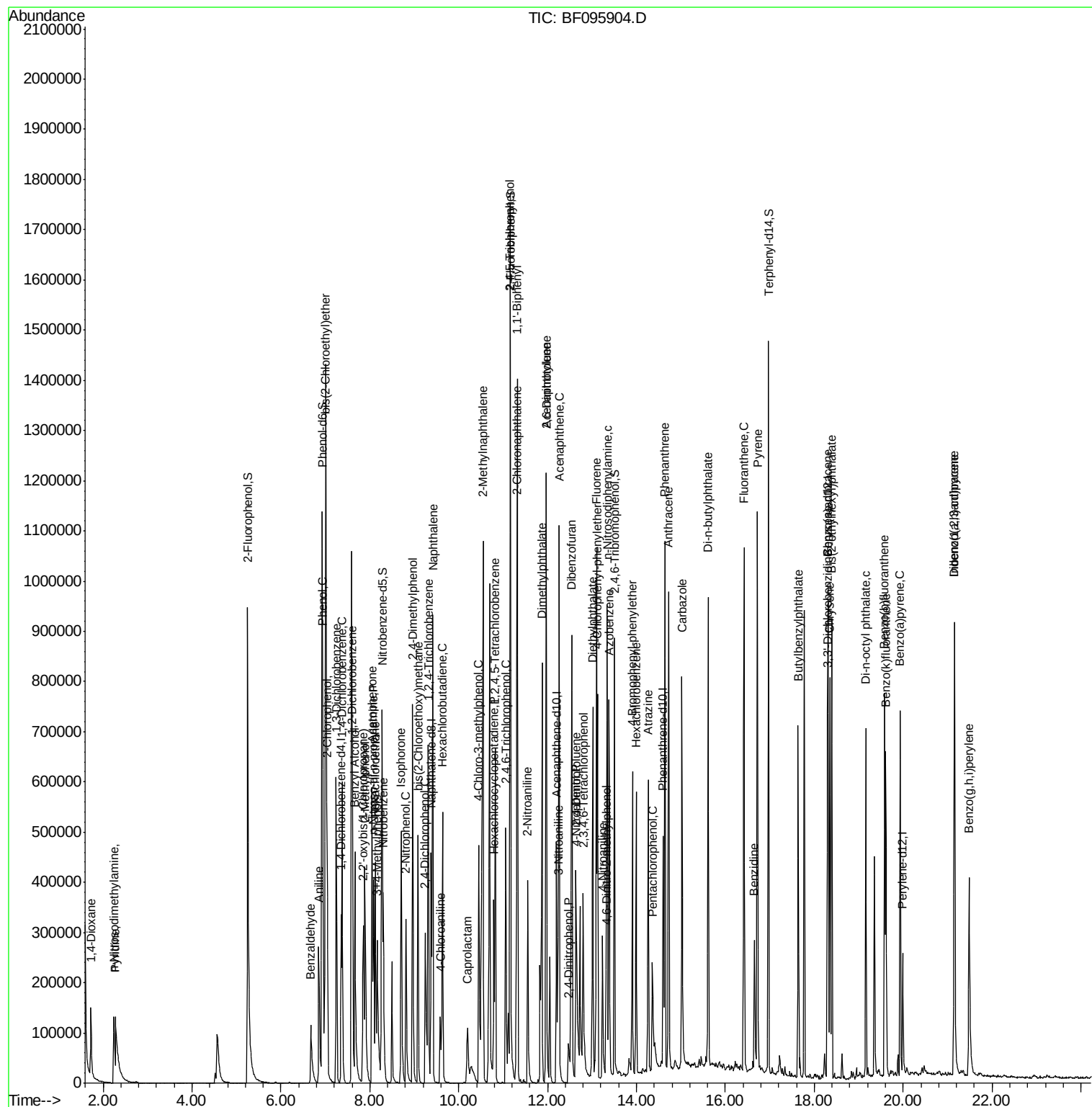
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
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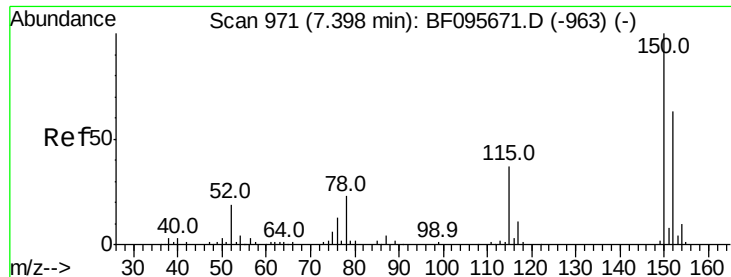
Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

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#1

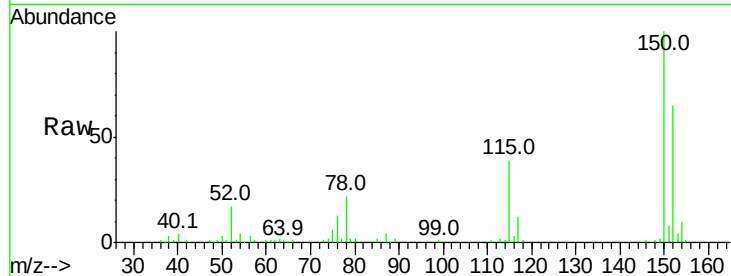
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	59.7	52.2	78.2

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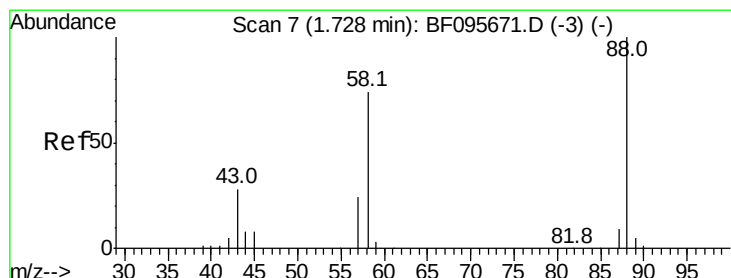
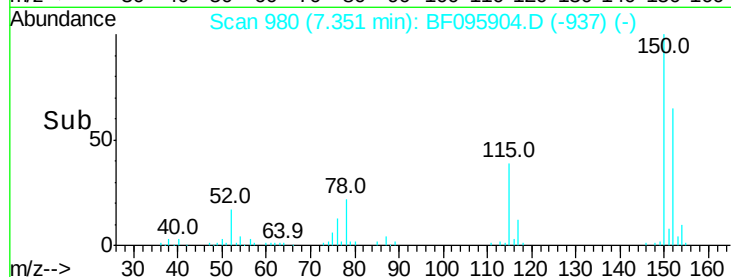
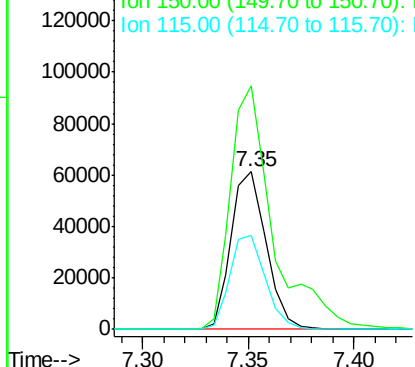


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

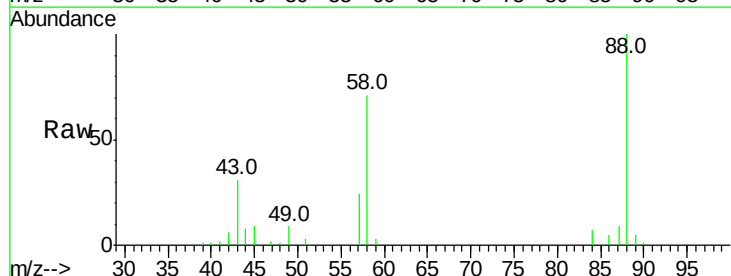
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.17 ng
RT: 1.72 min Scan# 23
Delta R.T. -0.01 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	61.4	92.0
43	30.4	23.4	35.0

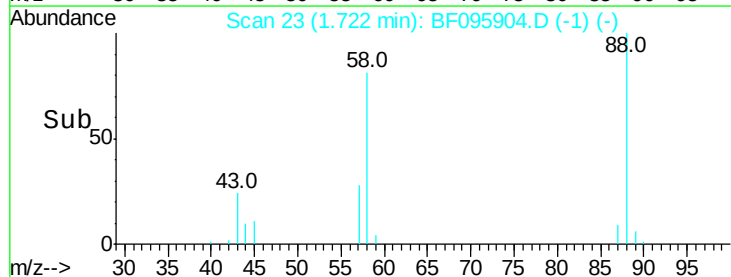
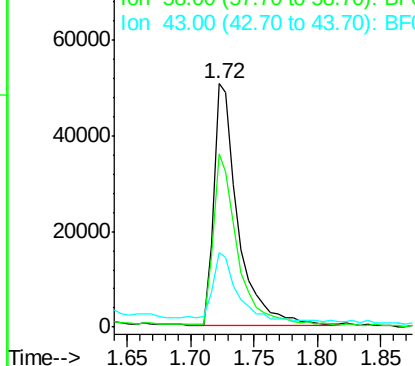


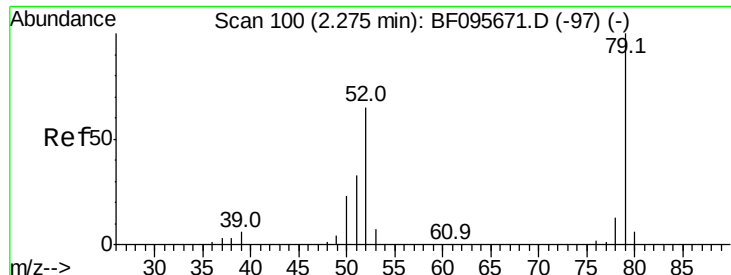
Abundance

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





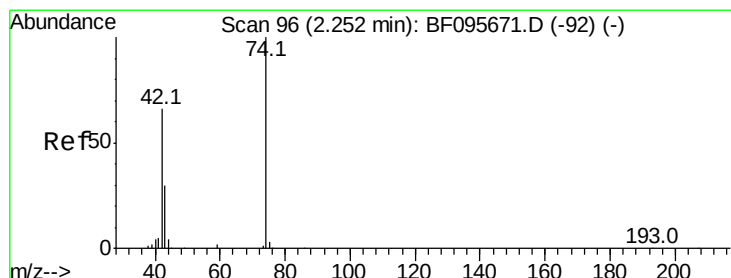
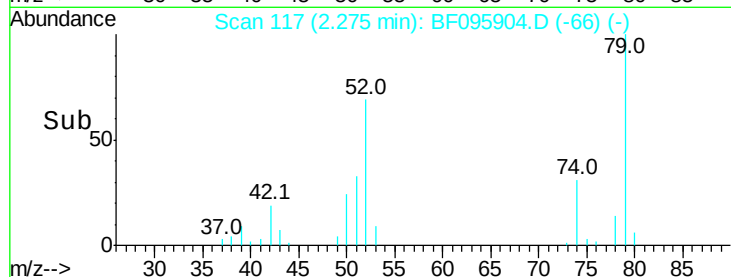
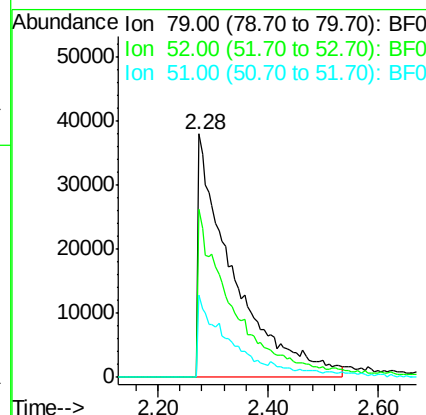
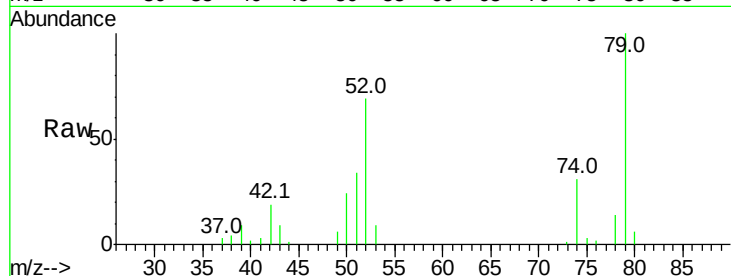
#3
 Pvridine
 Concen: 33.81 ng
 RT: 2.28 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.8	54.8	82.2
51	34.0	27.0	40.4

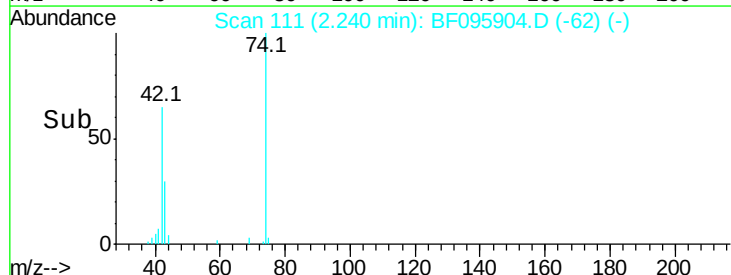
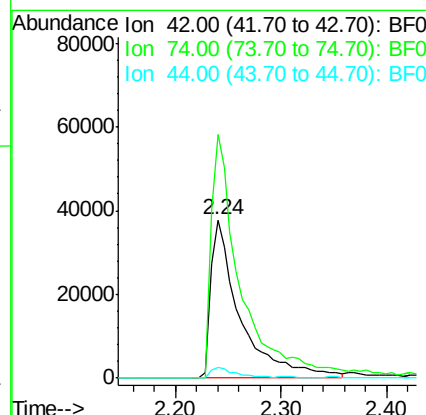
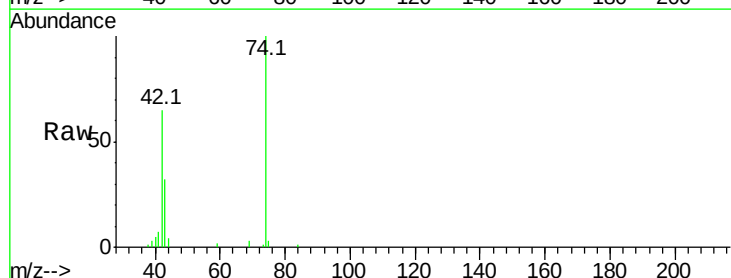
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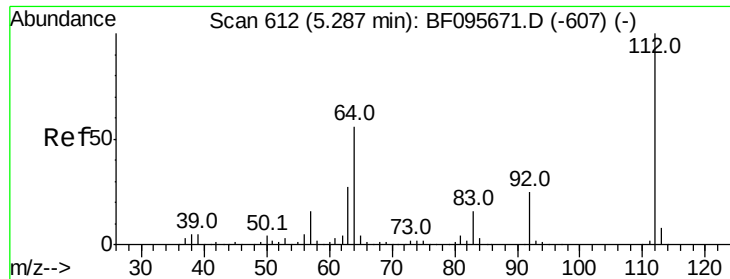
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#4
 n-Nitrosodimethylamine
 Concen: 39.06 ng
 RT: 2.24 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.0	103.9	155.9
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 131.02 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

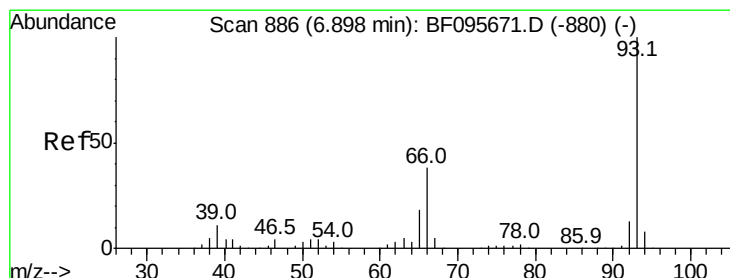
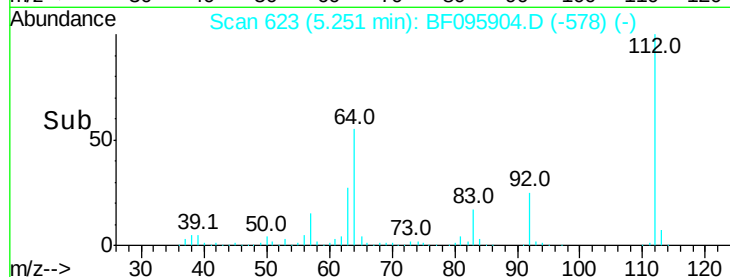
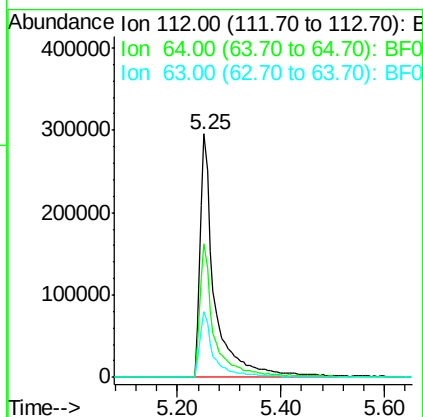
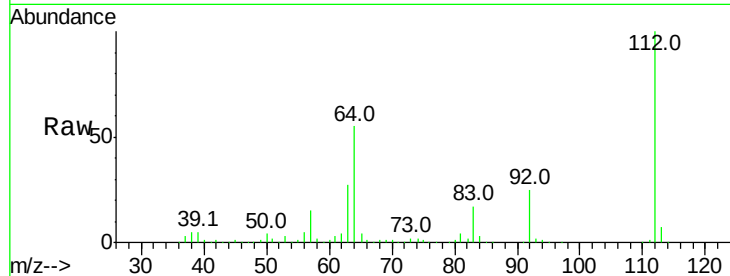
ClientSampleId :

RO-VNJ217MSD

Tot Ion:	112	Resp:	579031
Ion Ratio	Lower	Upper	
112	100		
64	54.8	46.0	69.0
63	26.8	23.4	35.0

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#6

Aniline

Concen: 28.44 ng

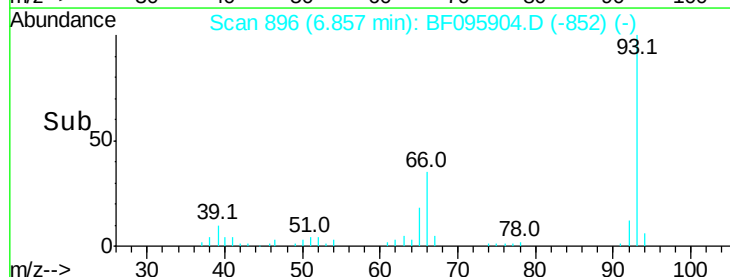
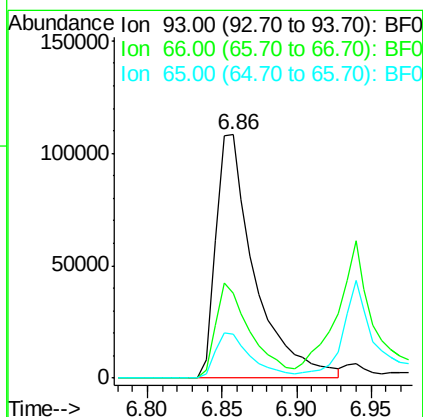
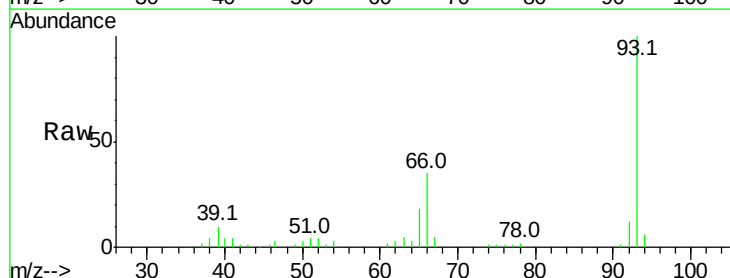
RT: 6.86 min Scan# 896

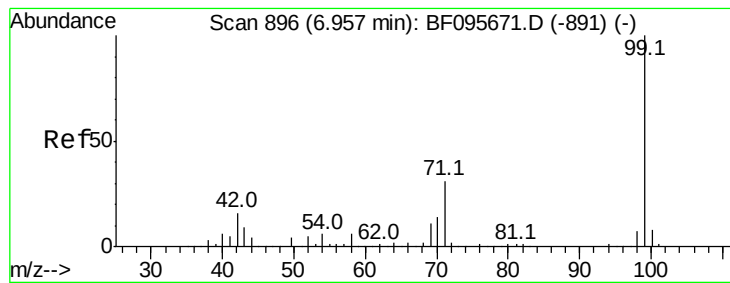
Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:	93	Resp:	196848
Ion Ratio	Lower	Upper	
93	100		
66	34.7	32.9	49.3
65	18.3	16.0	24.0





#7

Phenol-d6

Concen: 126.99 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

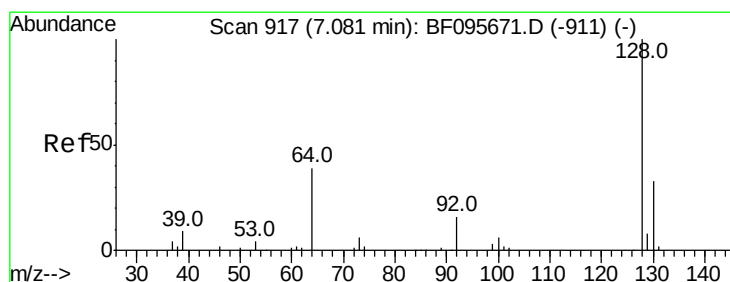
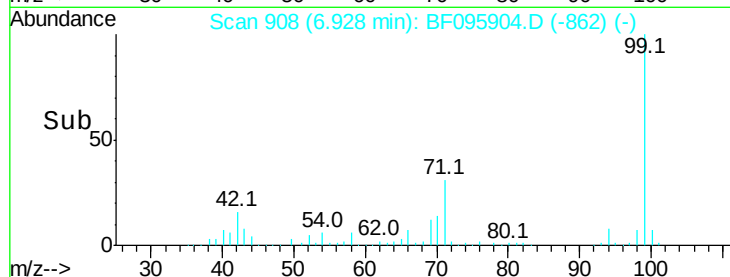
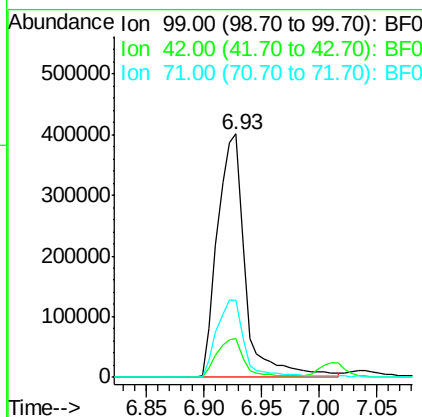
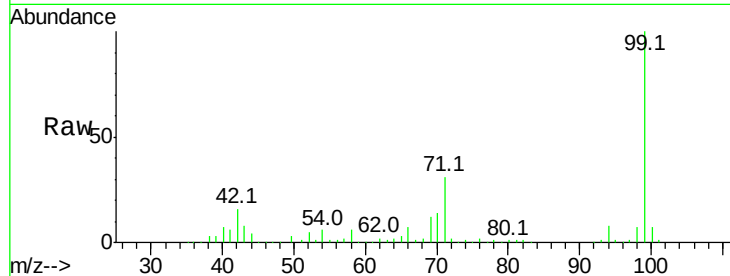
ClientSampled :

RO-VNJ217MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		671902		
42	15.9	13.5	20.3		
71	31.5	24.5	36.7		

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#8

2-Chlorophenol

Concen: 45.42 ng

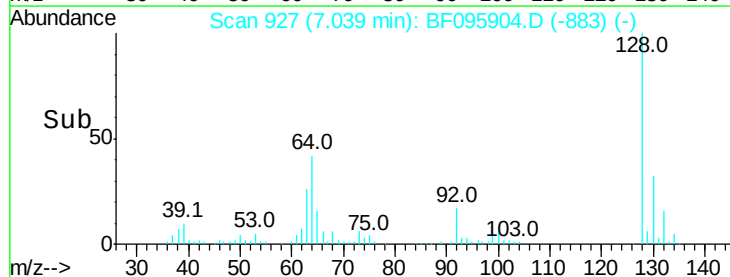
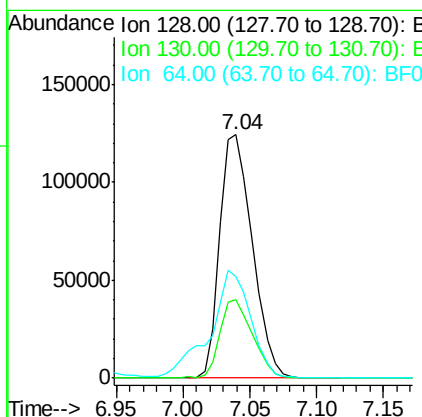
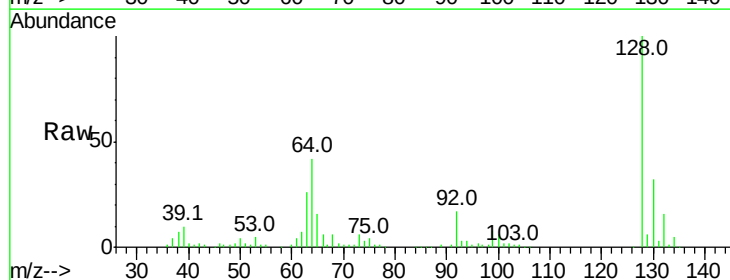
RT: 7.04 min Scan# 927

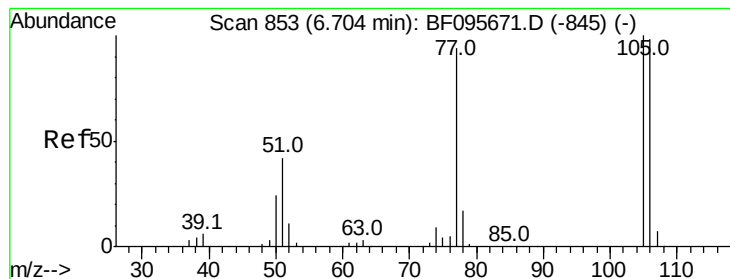
Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		213430		
130	32.1	12.9	52.9		
64	41.8	28.4	68.4		





#9

Benzaldehyde

Concen: 18.68 ng

RT: 6.67 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

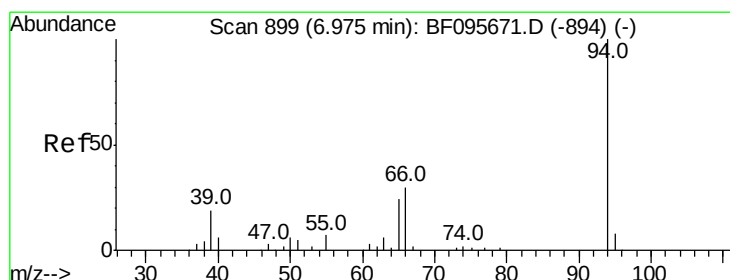
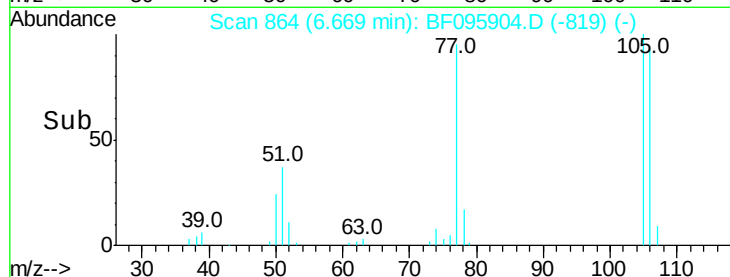
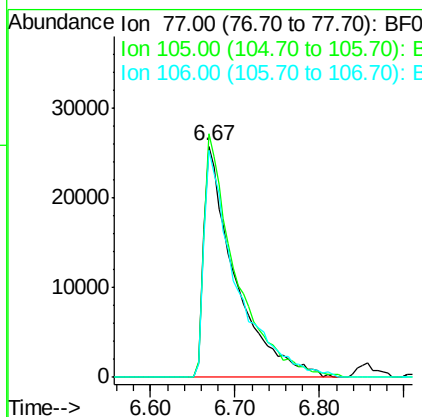
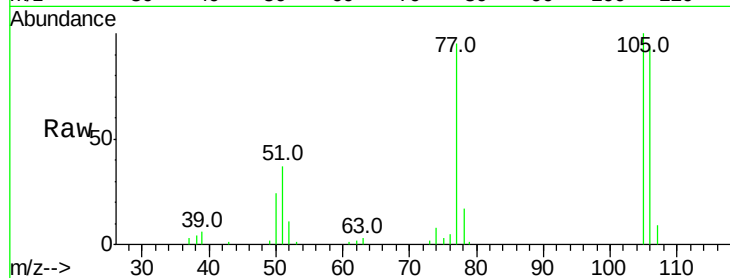
ClientSampleId :

RO-VNJ217MSD

Tot Ion: 77 Resp: 66656
 Ion Ratio Lower Upper
 77 100
 105 105.3 83.8 123.8
 106 98.2 79.1 119.1

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#10

Phenol

Concen: 50.00 ng

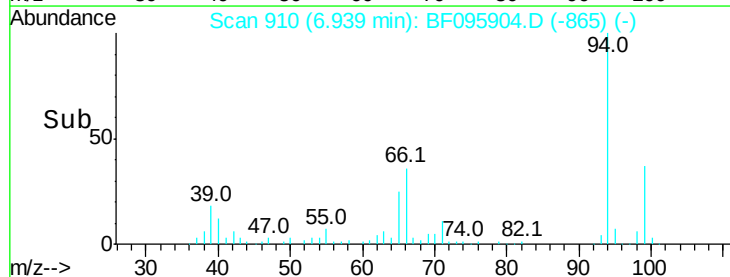
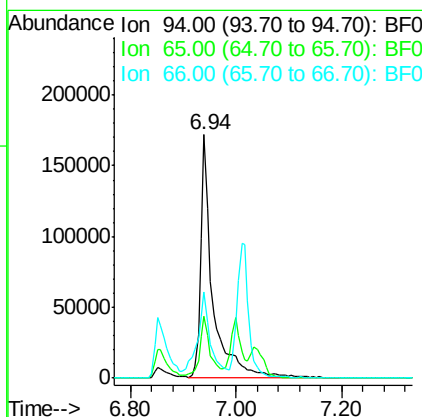
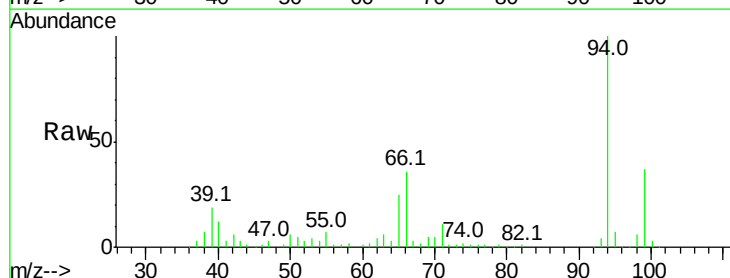
RT: 6.94 min Scan# 910

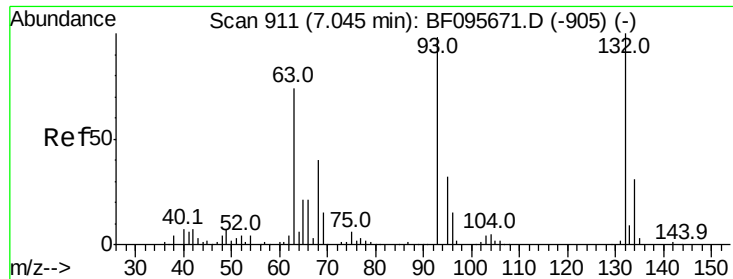
Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion: 94 Resp: 274406
 Ion Ratio Lower Upper
 94 100
 65 25.2 9.9 49.9
 66 35.6 23.1 63.1





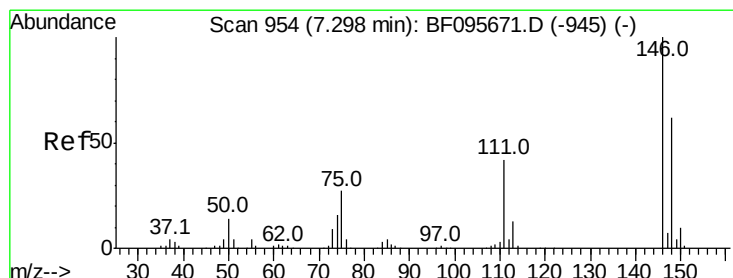
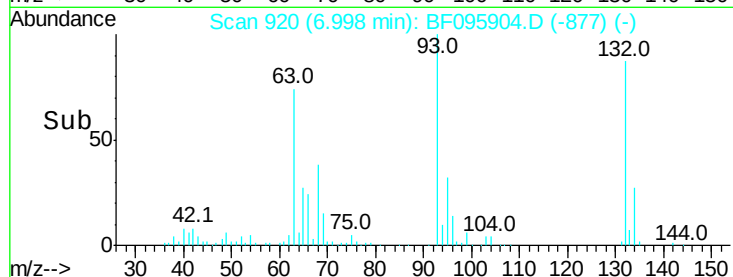
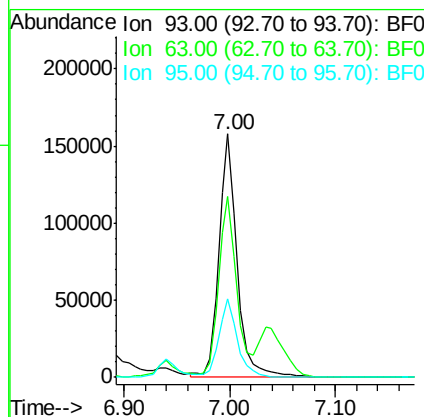
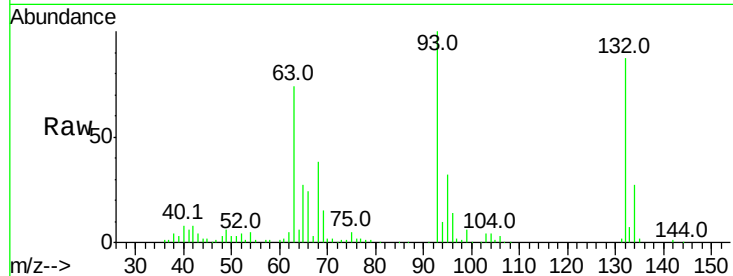
#11
bis(2-Chloroethyl)ether
Concen: 43.67 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	189861		
63	74.5	59.2	99.2	
95	32.4	12.8	52.8	

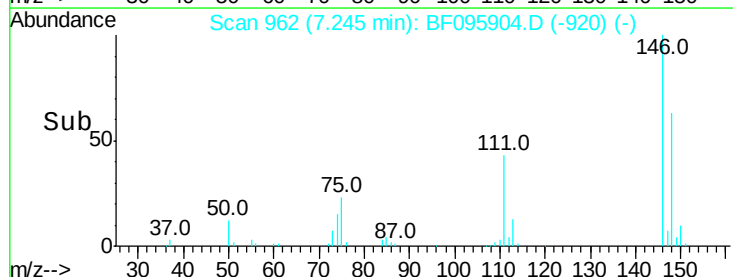
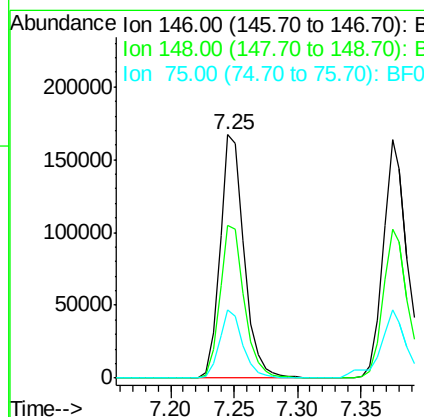
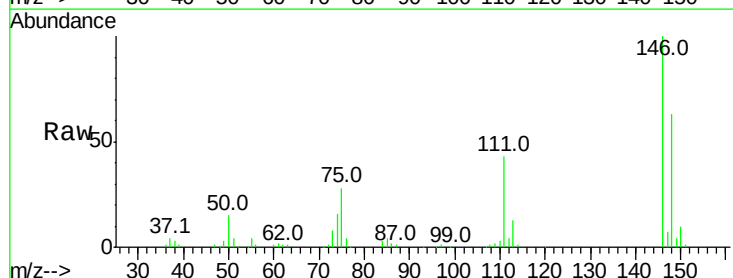
Manual Integrations
APPROVED

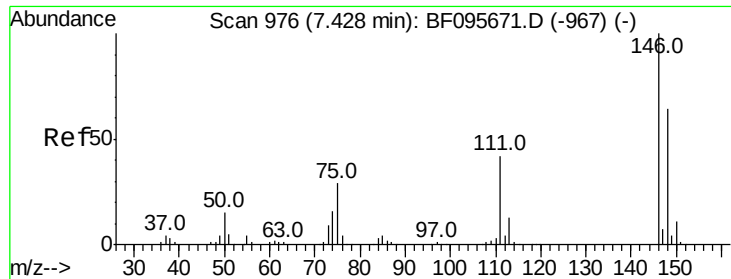
mohammad
6/14/2017 4:24:44 PM



#12
1,3-Dichlorobenzene
Concen: 41.43 ng
RT: 7.25 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	220350		
148	62.6	51.8	77.6	
75	28.0	23.1	34.7	





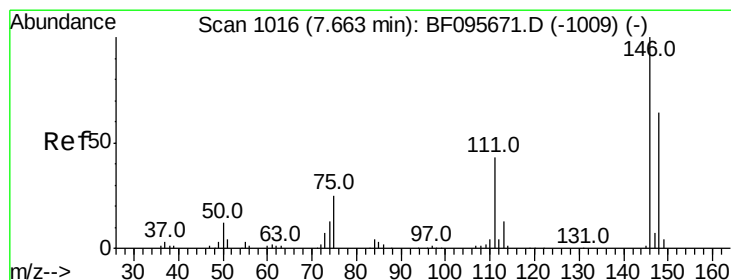
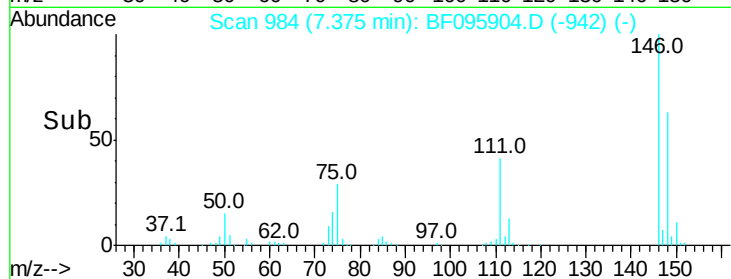
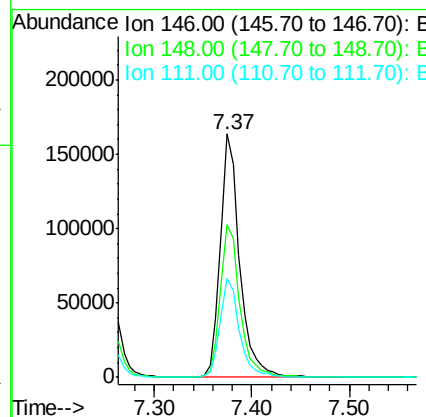
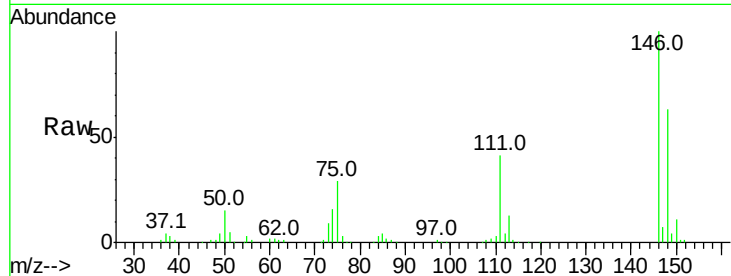
#13
 1,4-Dichlorobenzene
 Concen: 42.07 ng
 RT: 7.37 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	40.8	30.3	45.5

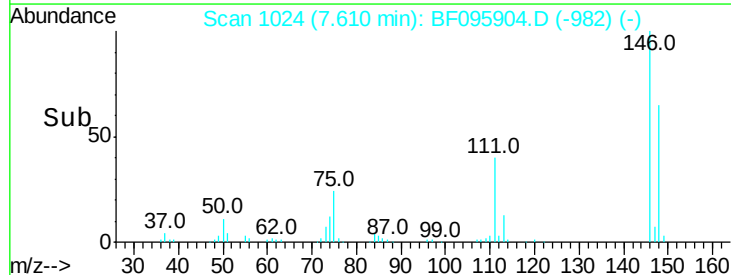
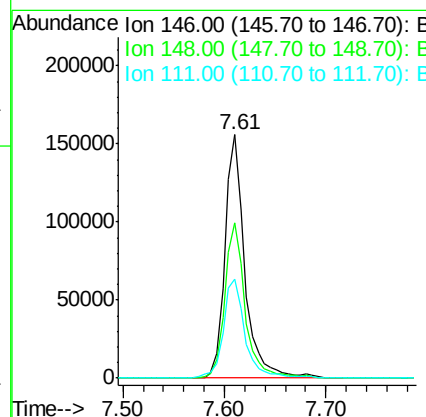
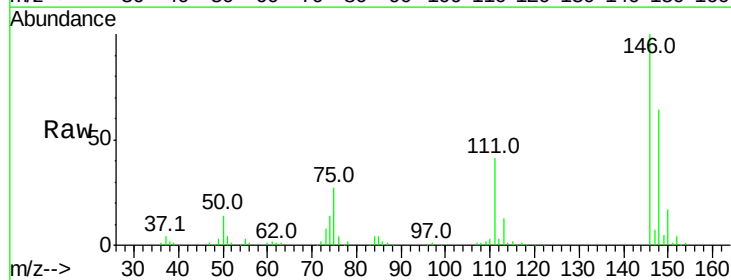
Manual Integrations
 APPROVED

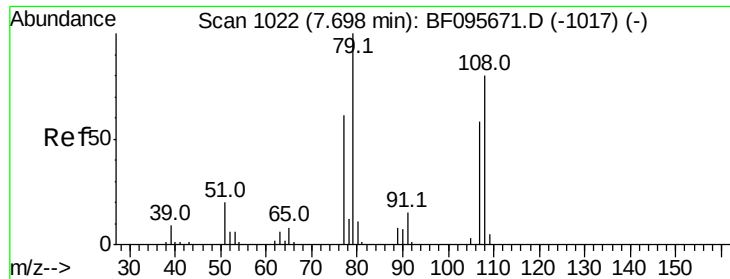
mohammad
 6/14/2017 4:24:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.68 ng
 RT: 7.61 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	40.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 45.45 ng

RT: 7.66 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

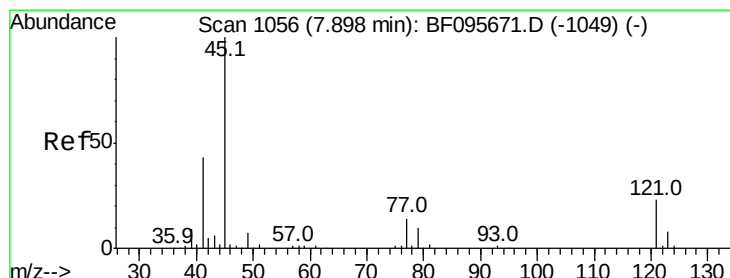
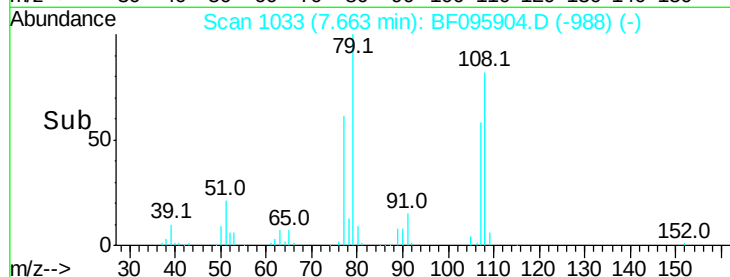
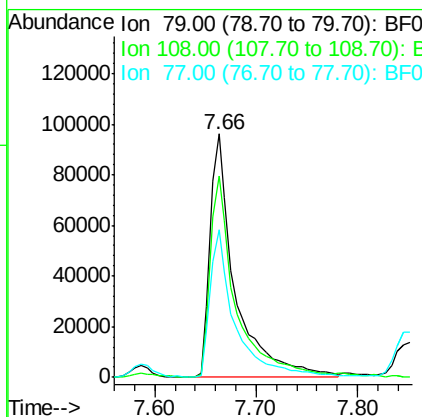
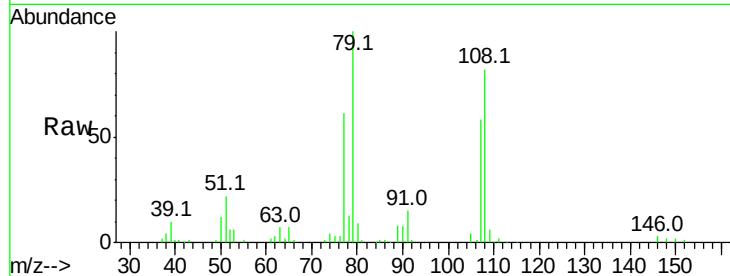
ClientSampleId :

RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	63.4	95.0
77	60.8	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.28 ng

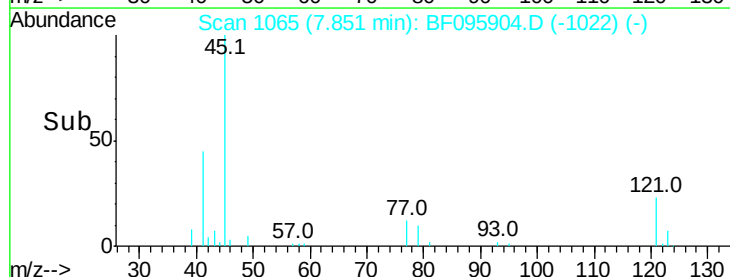
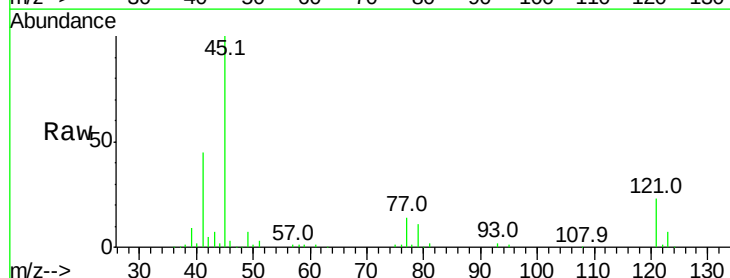
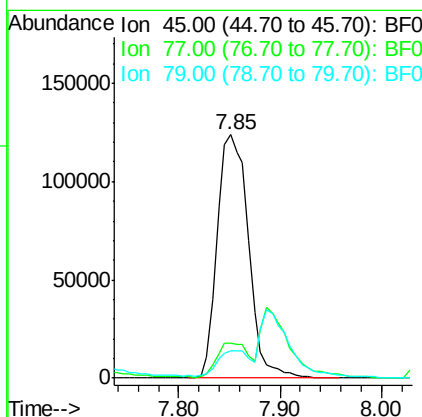
RT: 7.85 min Scan# 1065

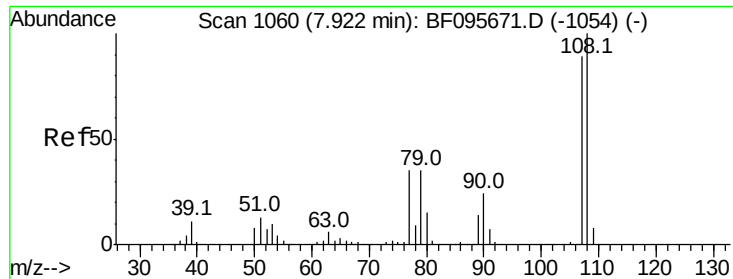
Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.2
79	11.2	0.0	30.0





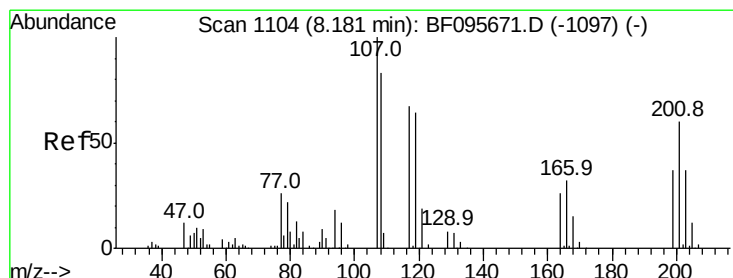
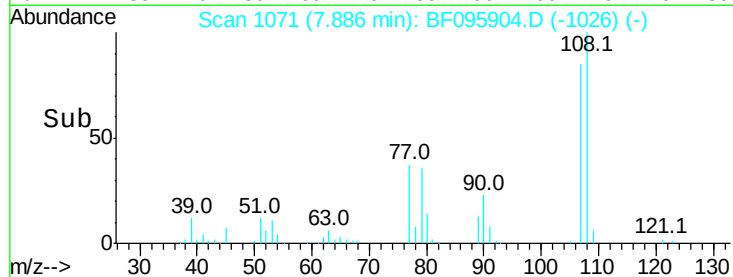
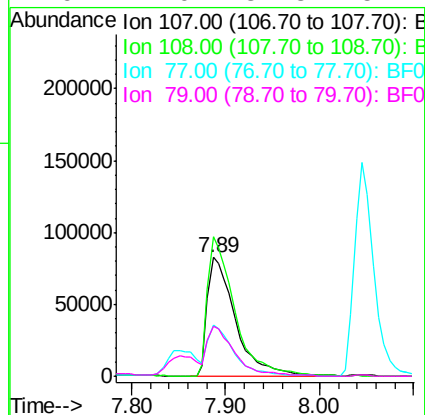
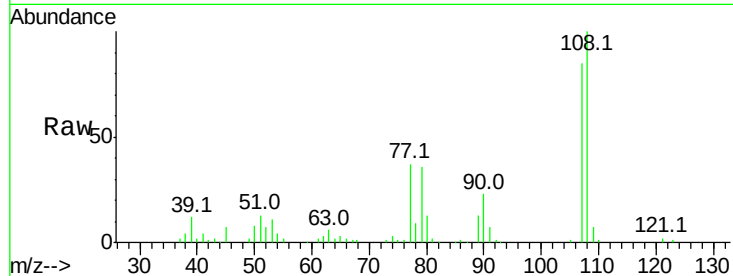
#17
2-Methylphenol
Concen: 44.47 ng
RT: 7.89 min Scan# 1071
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	93.4	140.0	
77	43.7	35.8	53.6	
79	42.0	34.8	52.2	

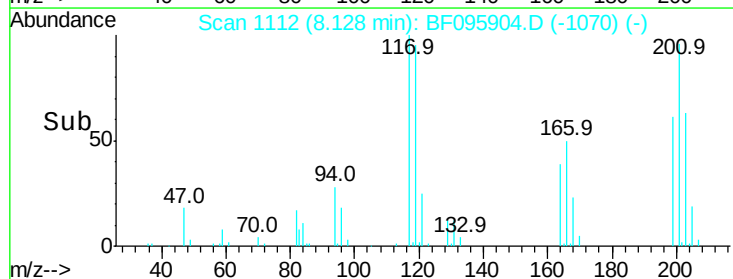
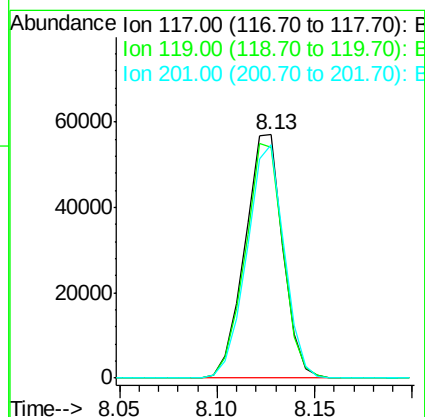
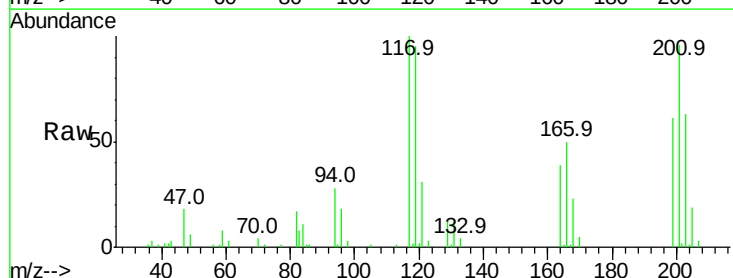
Manual Integrations
APPROVED

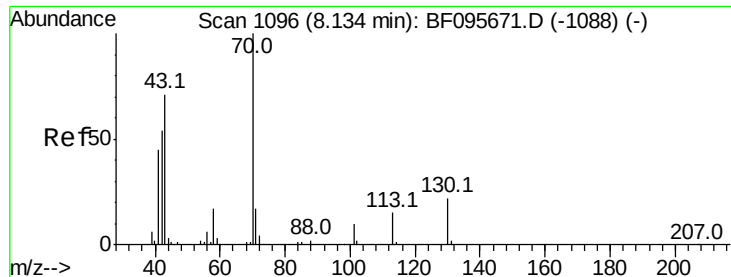
mohammad
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#18
Hexachloroethane
Concen: 43.05 ng
RT: 8.13 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.4	116.0	
201	95.7	94.6	141.8	





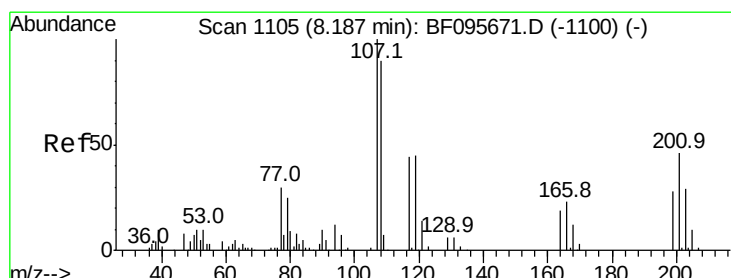
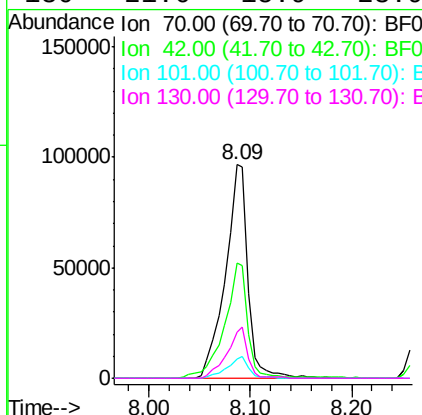
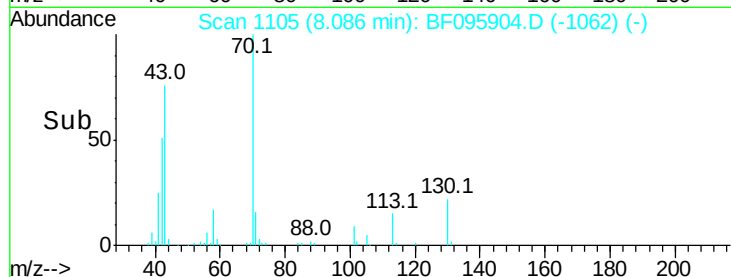
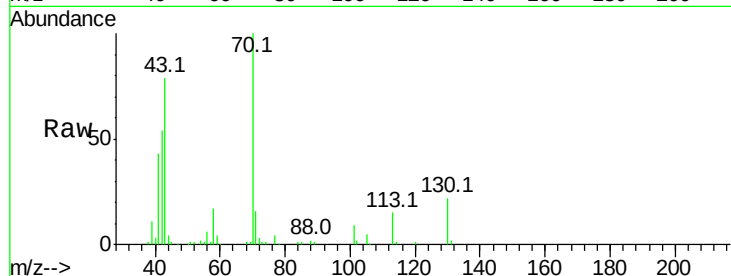
#19
n-Nitroso-di-n-propylamine
Concen: 44.48 ng
RT: 8.09 min Scan# 1105
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	47.2	70.8	
101	9.2	7.2	10.8	
130	21.6	15.9	23.9	

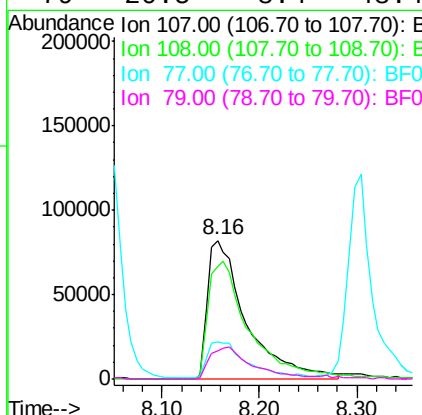
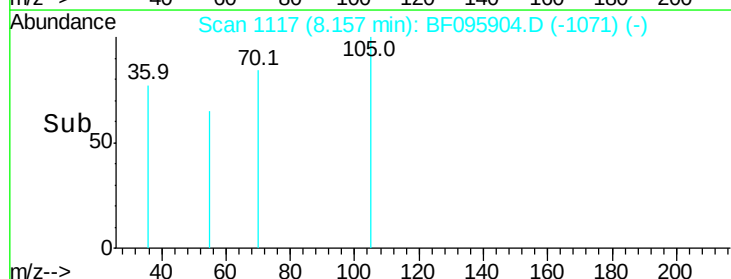
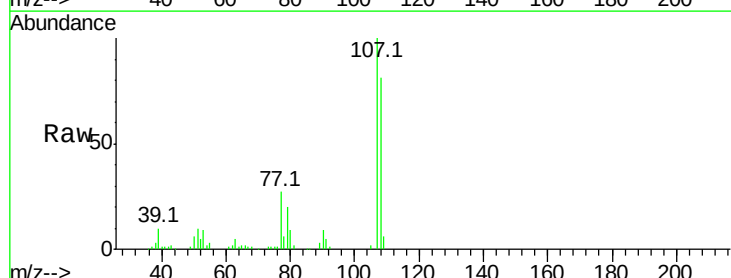
Manual Integrations
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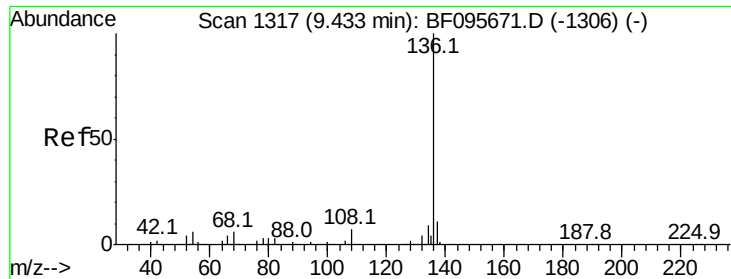
mohammad
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#20
3+4-Methylphenols
Concen: 45.27 ng
RT: 8.16 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.3	71.0	111.0	
77	26.7	90.5	130.5#	
79	20.5	8.4	48.4	





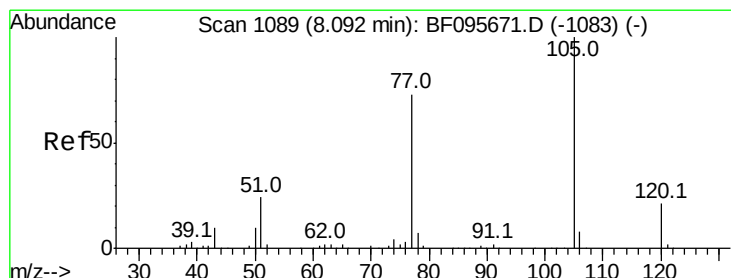
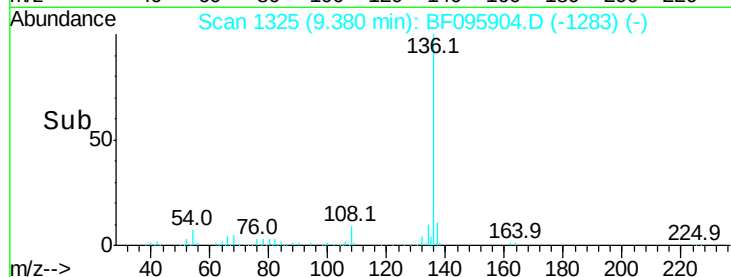
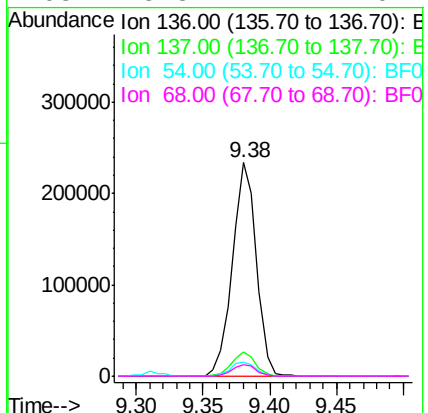
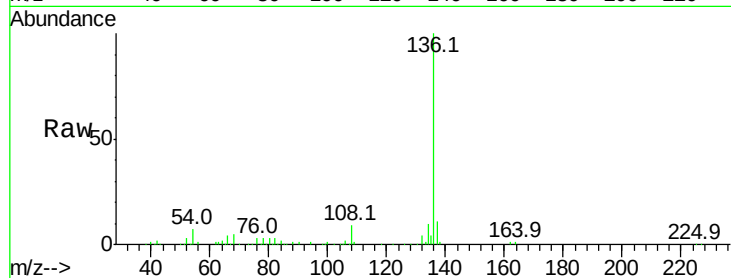
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	293163		
137	11.1	8.5	12.7	
54	6.8	4.9	7.3	
68	5.3	4.1	6.1	

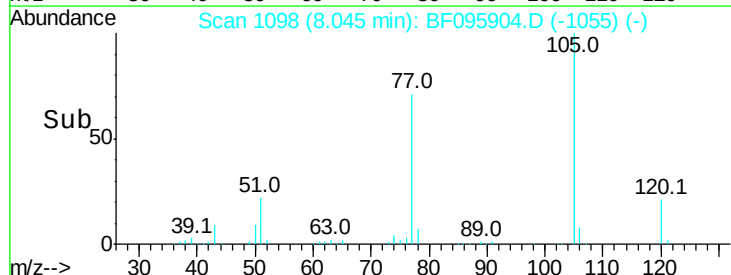
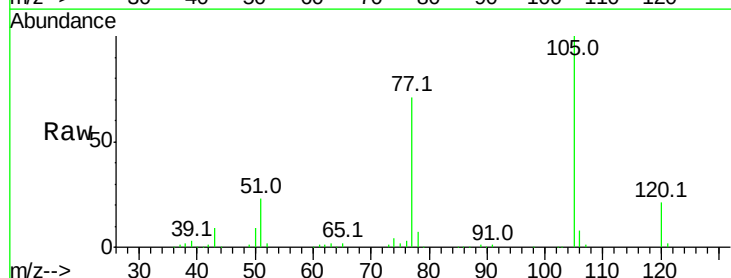
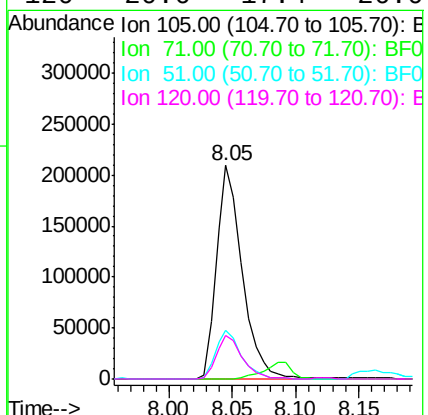
Manual Integrations
APPROVED

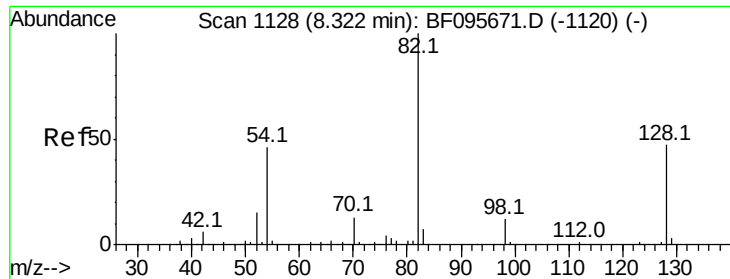
mohammad
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#22
Acetophenone
Concen: 43.18 ng
RT: 8.05 min Scan# 1098
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	296303		
71	0.0	2.8	4.2#	
51	22.6	30.7	46.1#	
120	20.6	17.4	26.0	





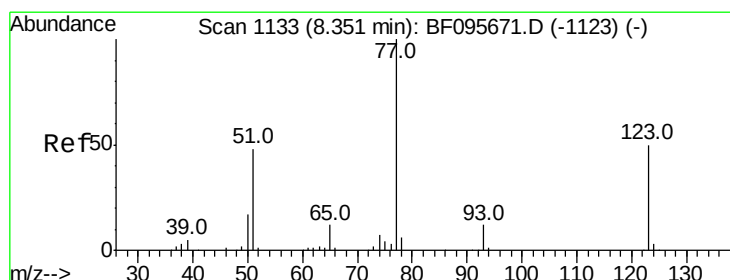
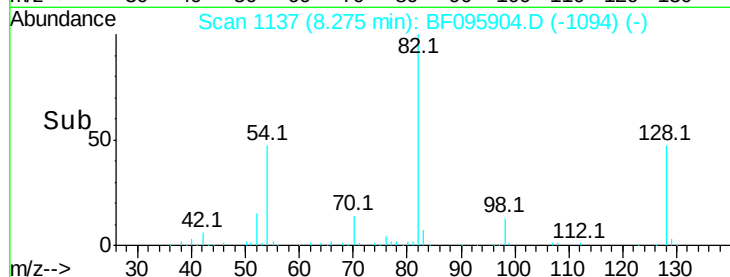
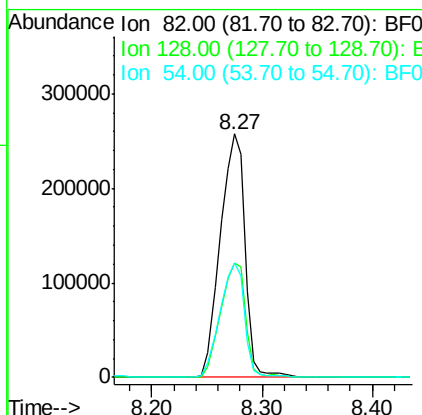
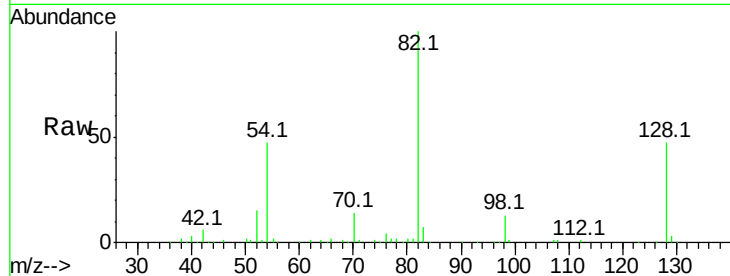
#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.8	34.0	51.0	
54	46.9	42.2	63.2	

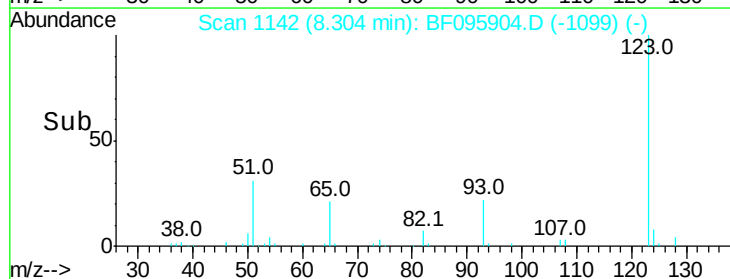
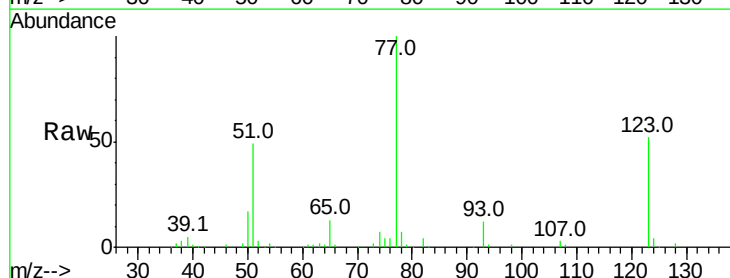
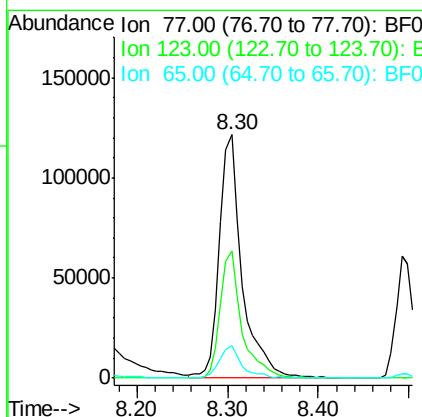
Manual Integrations
 APPROVED

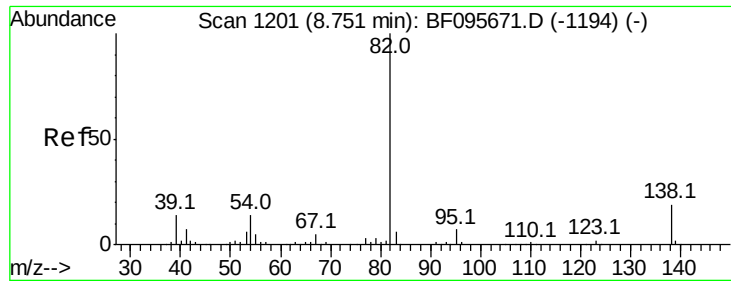
mohammad
 6/14/2017 4:24:44 PM



#24
 Nitrobenzene
 Concen: 41.83 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.3	35.8	53.8	
65	13.4	10.6	15.8	





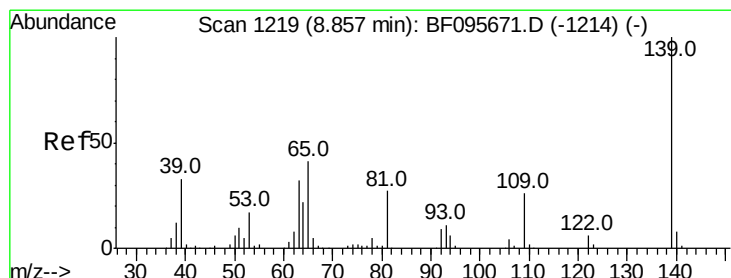
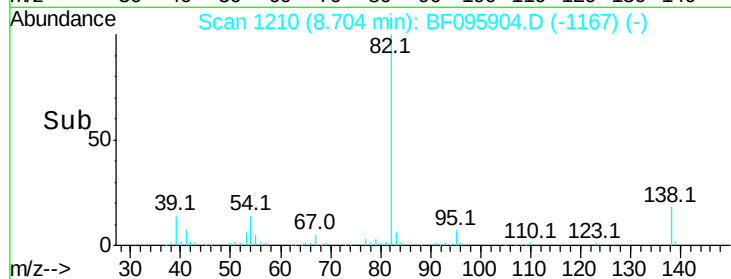
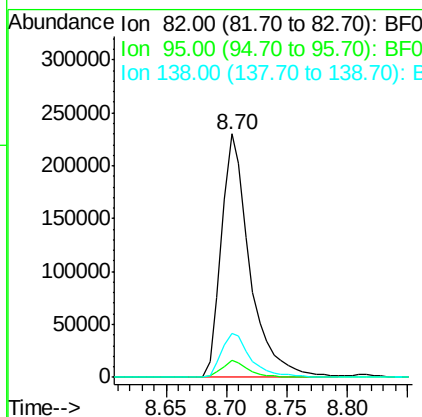
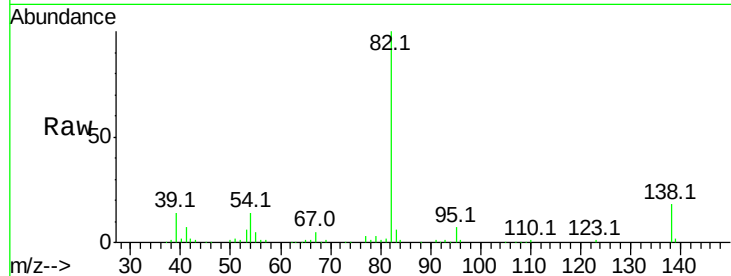
#25
Isophorone
Concen: 42.64 ng
RT: 8.70 min Scan# 1210
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.3	7.9
138	18.3	13.1	19.7

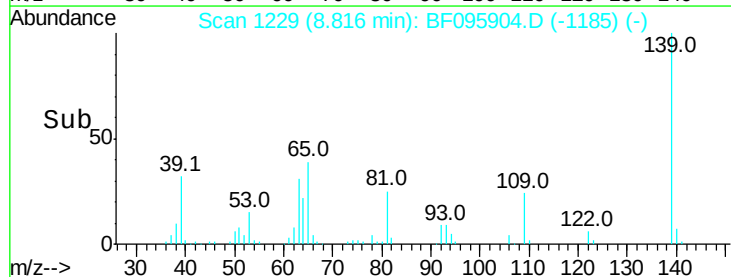
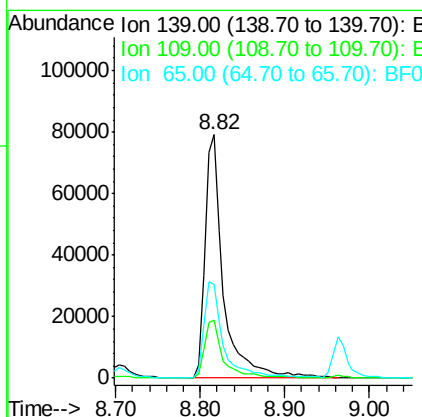
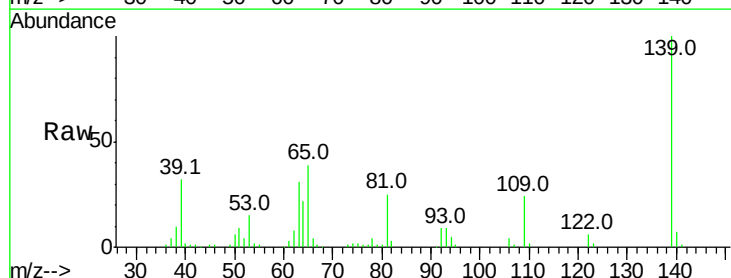
Manual Integrations
APPROVED

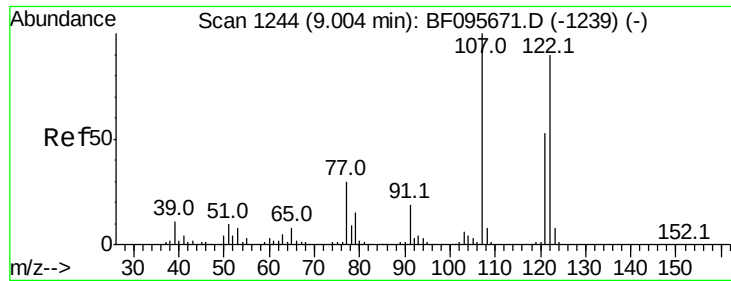
mohammad
6/14/2017 4:24:44 PM



#26
2-Nitrophenol
Concen: 45.27 ng
RT: 8.82 min Scan# 1229
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.7	21.0	31.6
65	38.7	33.0	49.6





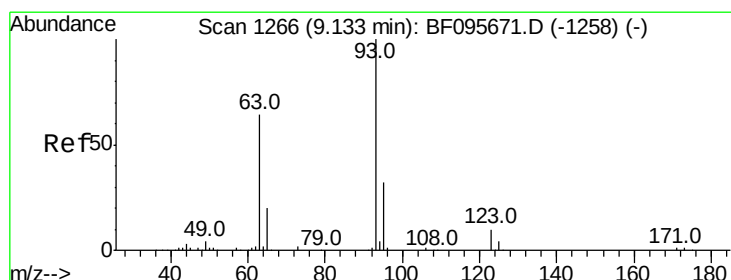
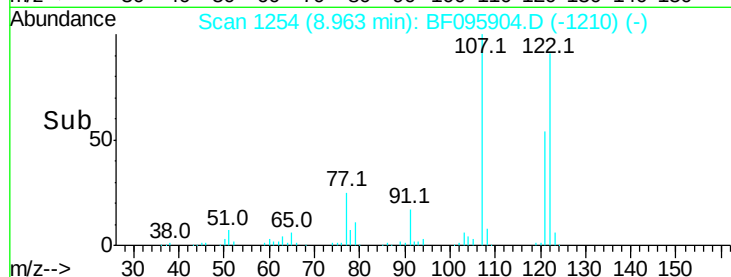
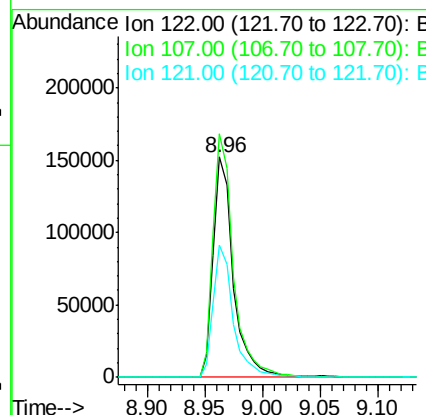
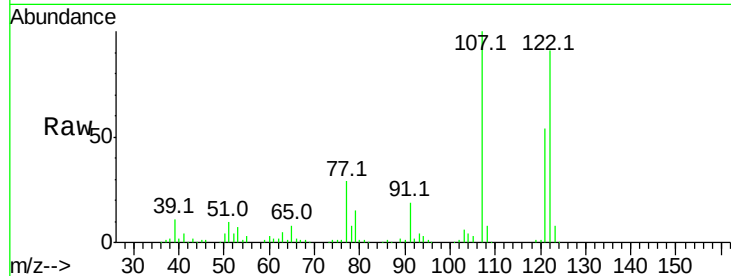
#27
2,4-Dimethylphenol
Concen: 45.79 ng
RT: 8.96 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	89.2	133.8
121	59.8	45.2	67.8

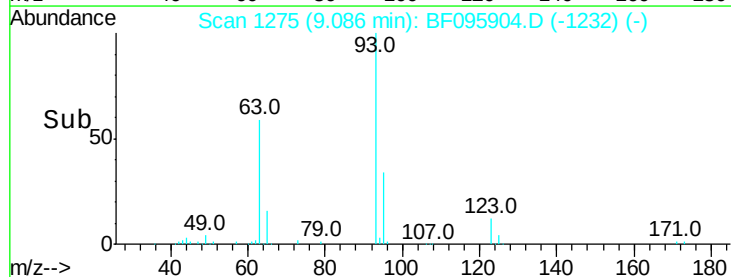
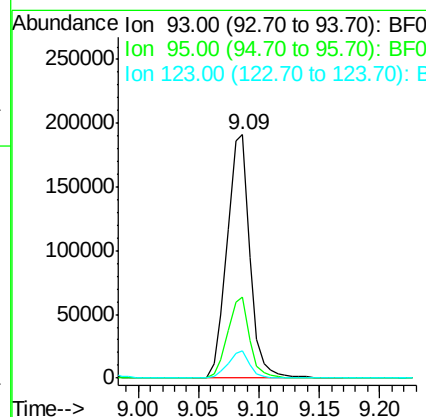
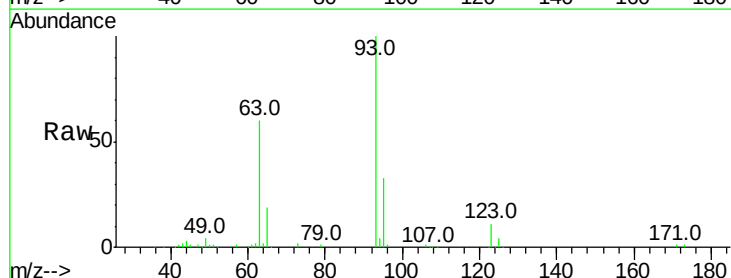
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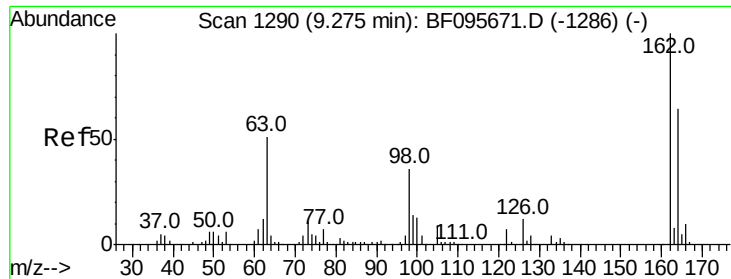
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#28
bis(2-Chloroethoxy)methane
Concen: 42.99 ng
RT: 9.09 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.4	9.0	13.4





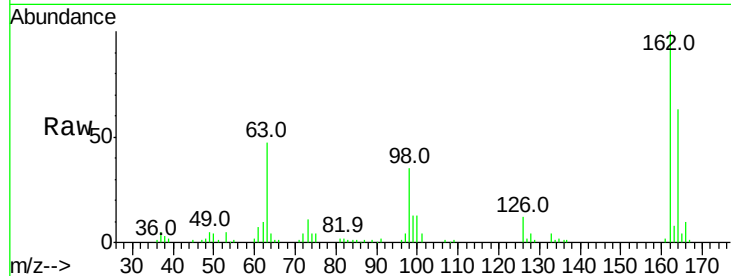
#29
 2,4-Dichlorophenol
 Concen: 44.87 ng
 RT: 9.25 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

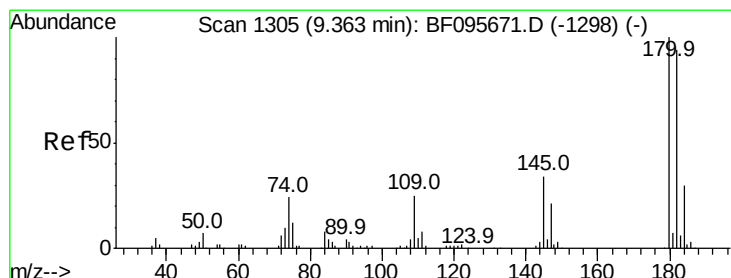
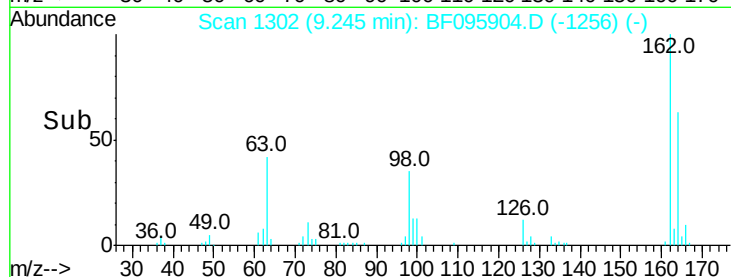
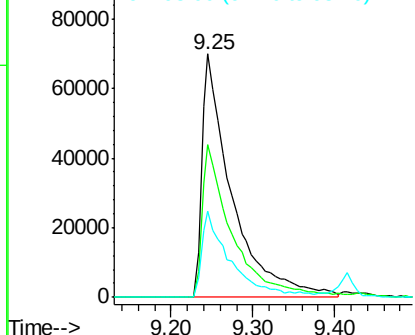
Tot Ion	Ratio	Resp	Lower	Upper
162	100	177091		
164	62.8	44.6	84.6	
98	35.4	14.8	54.8	

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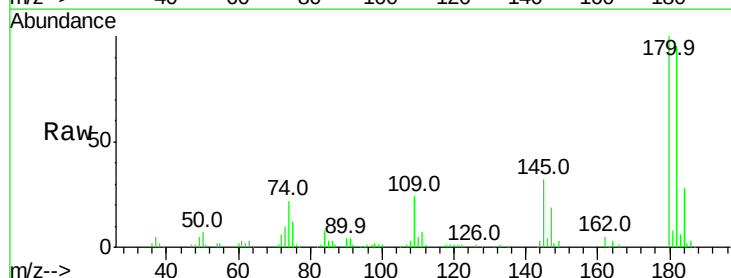


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

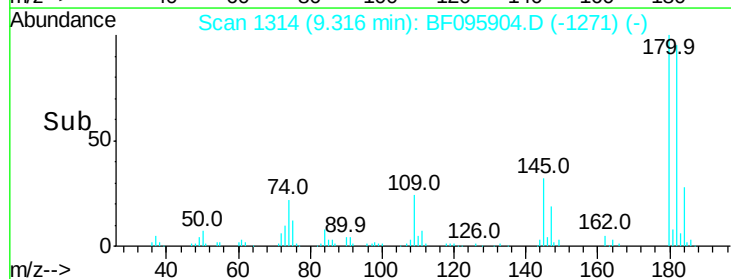
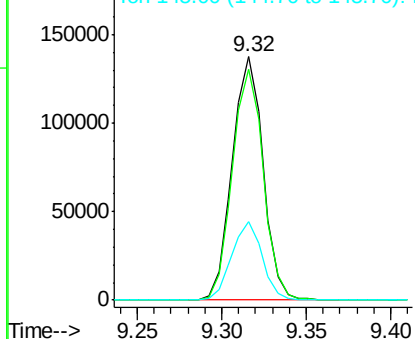


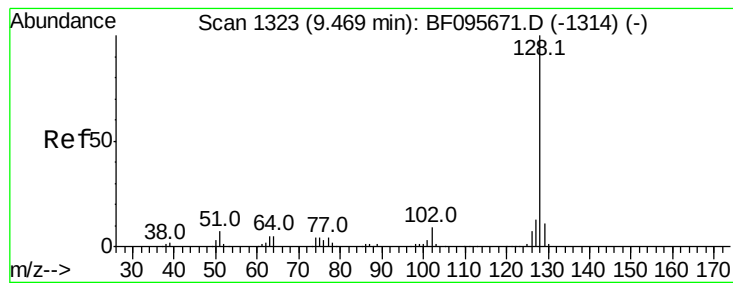
#30
 1,2,4-Trichlorobenzene
 Concen: 42.54 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174703		
182	94.7	75.8	113.6	
145	32.5	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.11 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

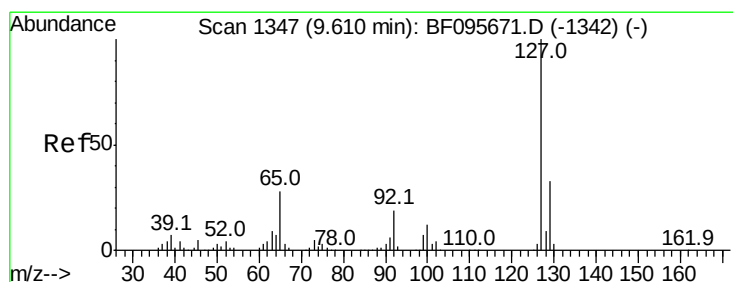
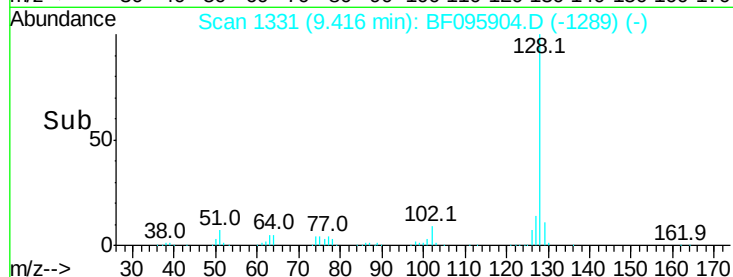
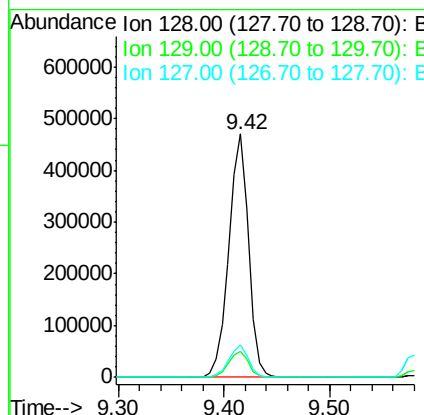
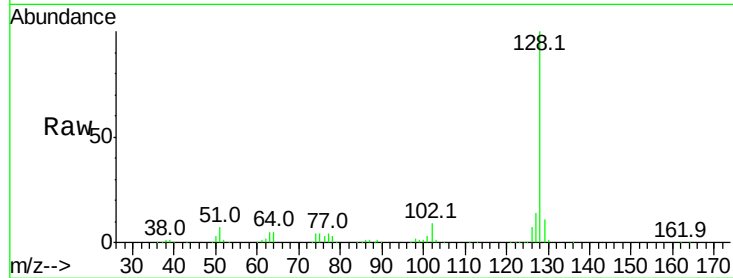
ClientSampleId :

RO-VNJ217MSD

Tot Ion:	128	Resp:	604815
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.5	10.8	16.2

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#33

4-Chloroaniline

Concen: 18.84 ng

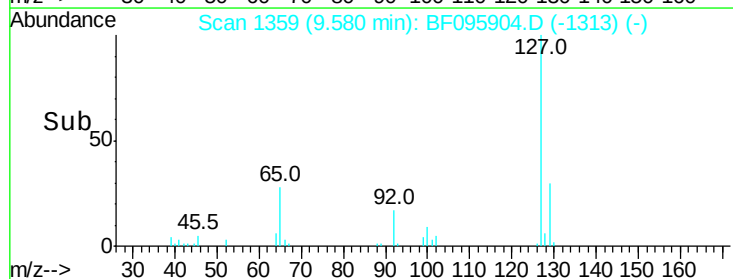
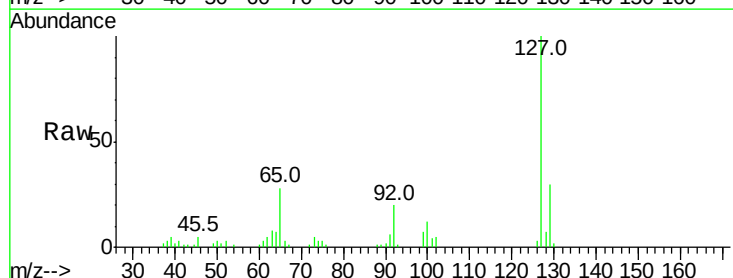
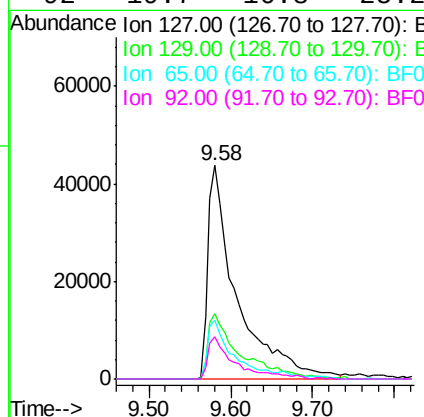
RT: 9.58 min Scan# 1359

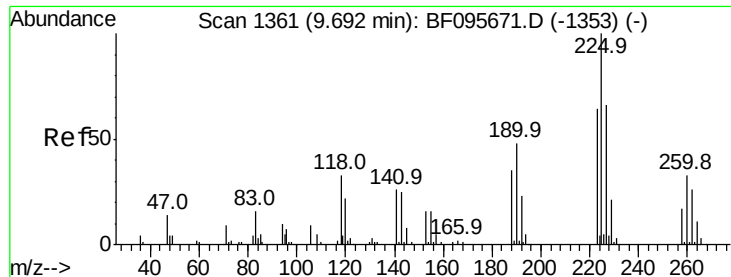
Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:	127	Resp:	108359
Ion Ratio	Lower	Upper	
127	100		
129	30.3	26.2	39.2
65	27.5	27.8	41.8#
92	19.7	16.8	25.2





#34

Hexachlorobutadiene

Concen: 41.72 ng

RT: 9.63 min Scan# 1368

Delta R.T. -0.06 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

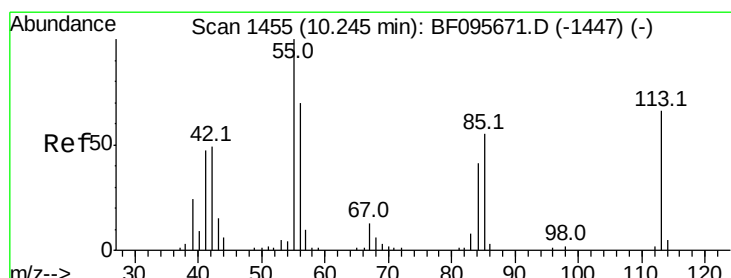
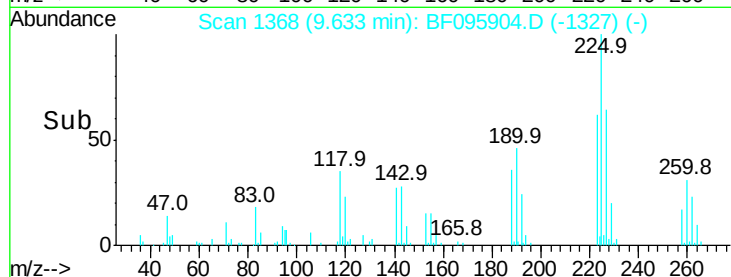
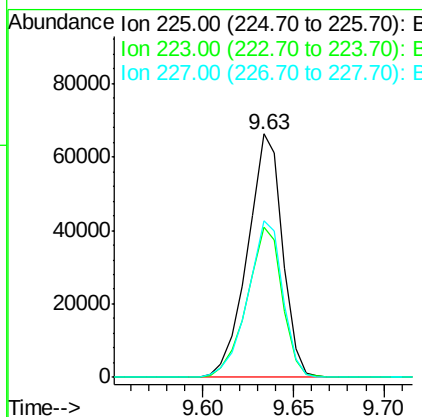
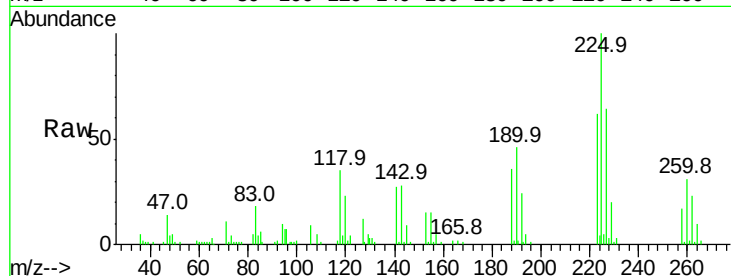
ClientSampleId :

RO-VNJ217MSD

Tot Ion:	225	Resp:	88533
Ion Ratio	Lower	Upper	
225	100		
223	61.9	48.8	73.2
227	64.3	51.1	76.7

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#35

Caprolactam

Concen: 44.39 ng m

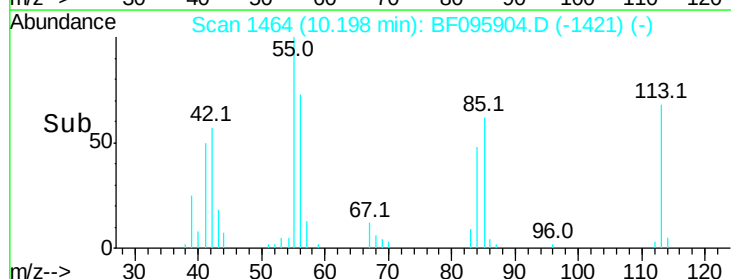
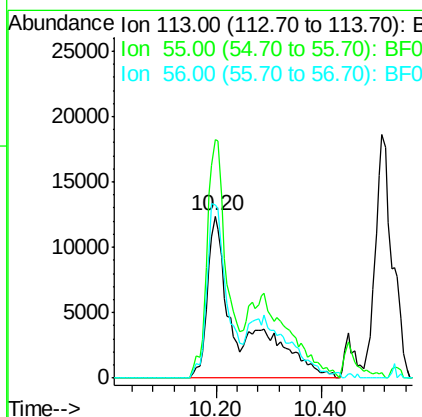
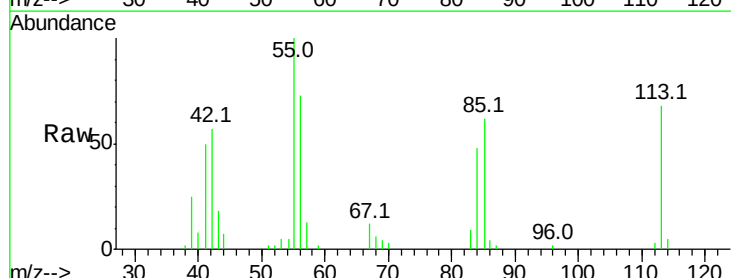
RT: 10.20 min Scan# 1464

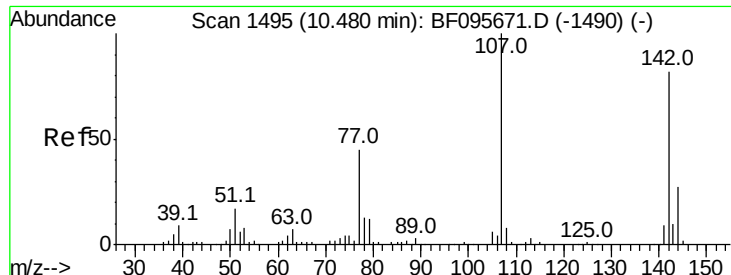
Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:	113	Resp:	52127
Ion Ratio	Lower	Upper	
113	100		
55	147.7	150.2	190.2#
56	107.4	107.8	147.8#





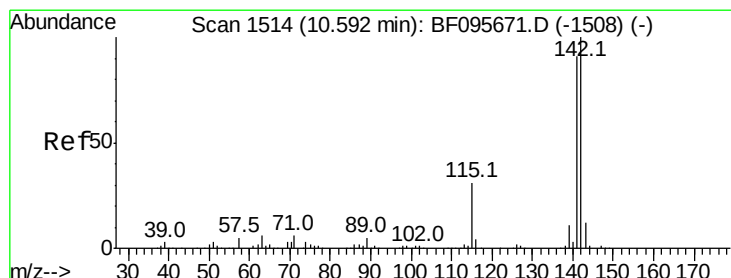
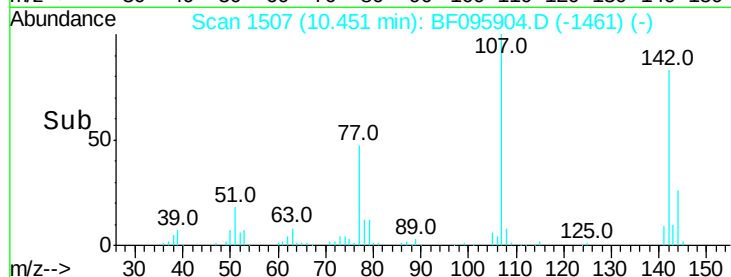
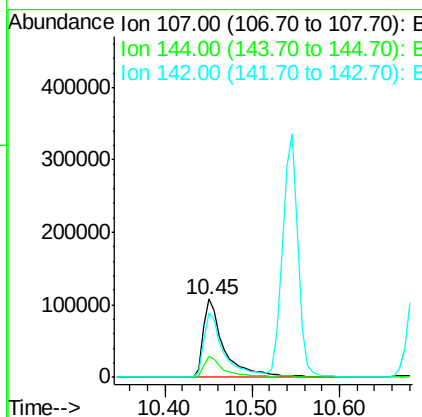
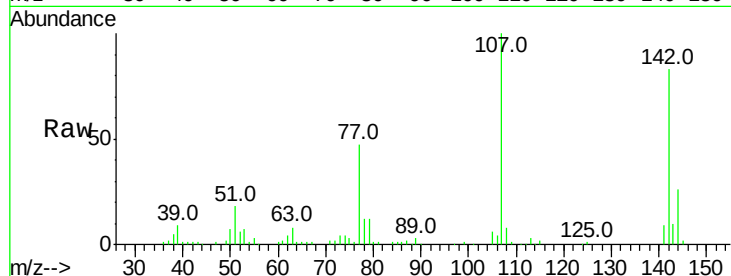
#36
 4-Chloro-3-methylphenol
 Concen: 43.49 ng
 RT: 10.45 min Scan# 1507
 Delta R.T. -0.03 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	179657		
144	26.1	24.2	36.4	
142	82.6	73.4	110.0	

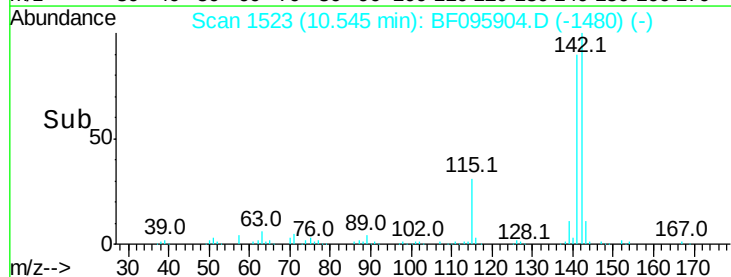
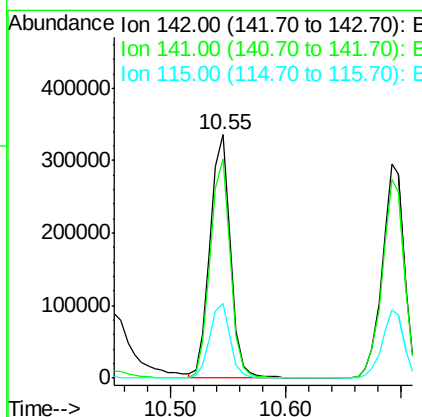
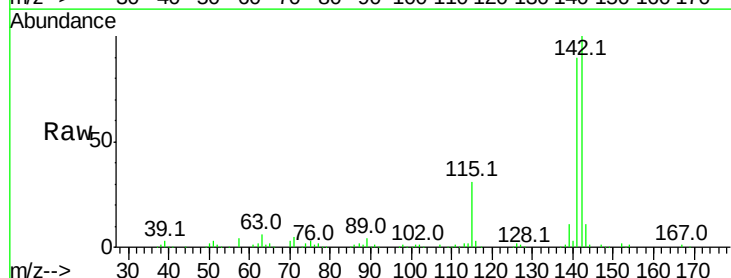
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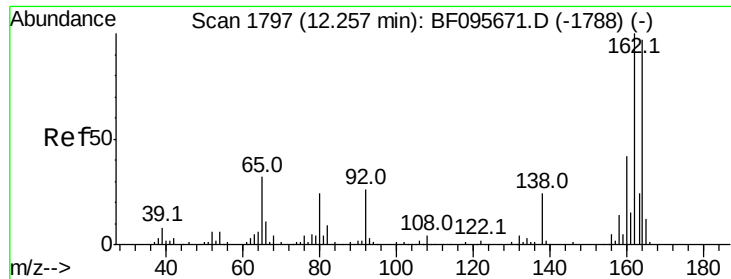
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#37
 2-Methylnaphthalene
 Concen: 41.95 ng
 RT: 10.55 min Scan# 1523
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	417056		
141	89.9	71.3	106.9	
115	30.8	27.1	40.7	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.20 min Scan# 1805

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

RO-VNJ217MSD

Tot Ion:164 Resp: 132468

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

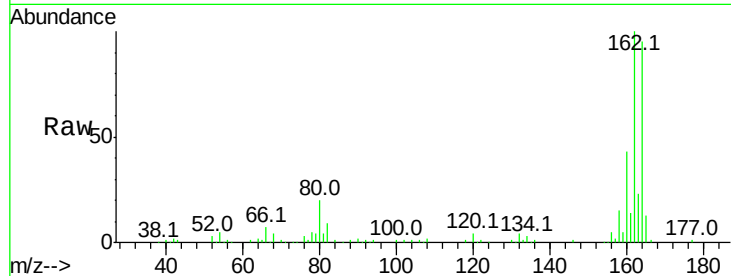
160 45.5 36.2 54.2

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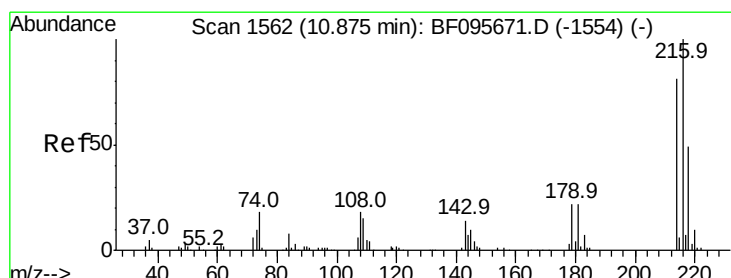
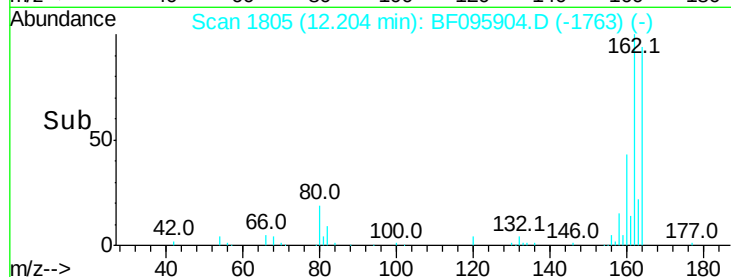
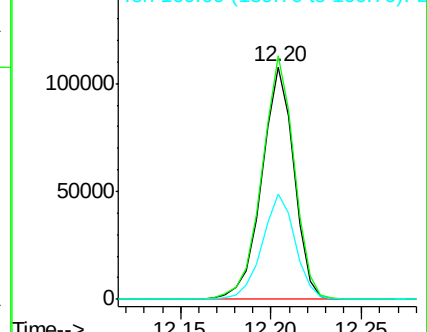


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.69 ng

RT: 10.82 min Scan# 1570

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:216 Resp: 165273

Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.2

179 22.0 17.9 26.9

108 19.6 16.5 24.7

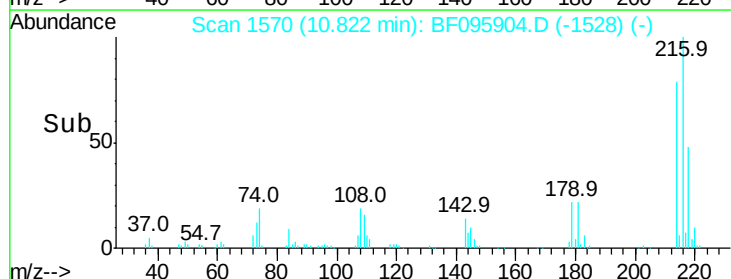
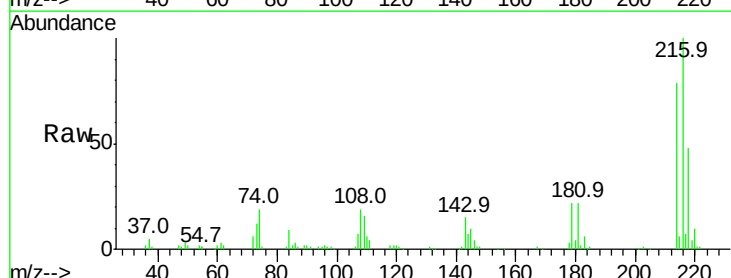
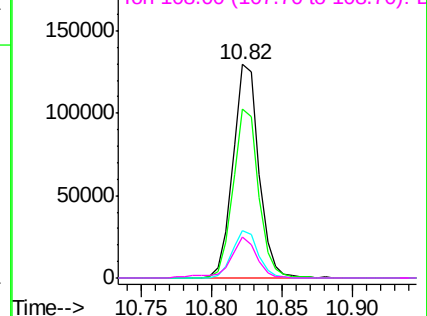
Abundance

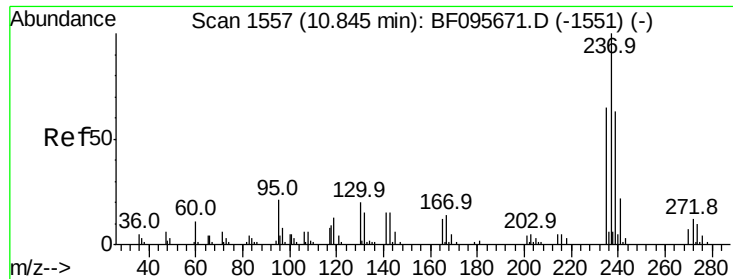
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 61.40 ng

RT: 10.79 min Scan# 1565

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

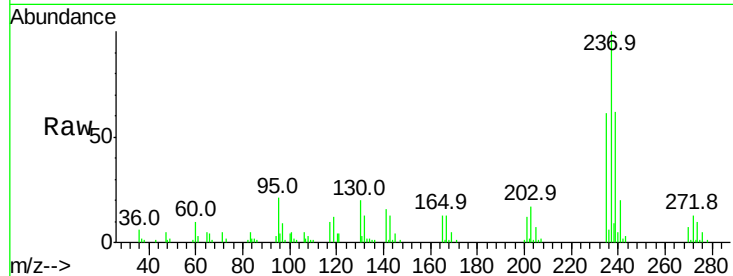
ClientSampleId :

RO-VNJ217MSD

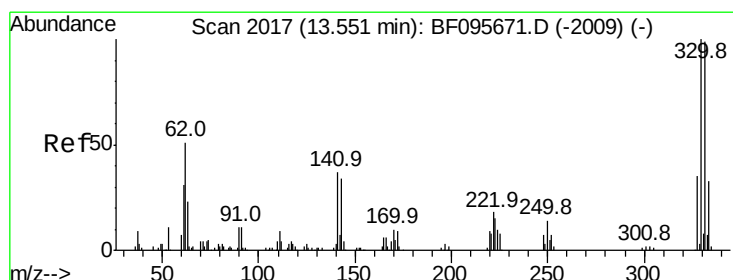
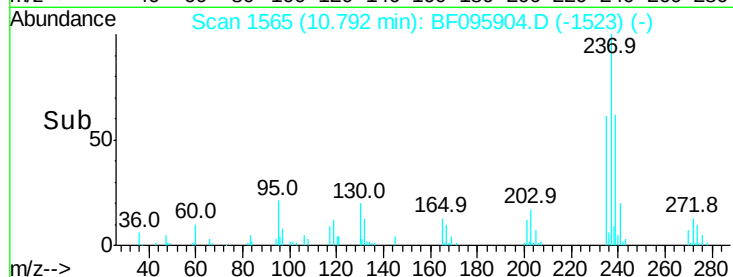
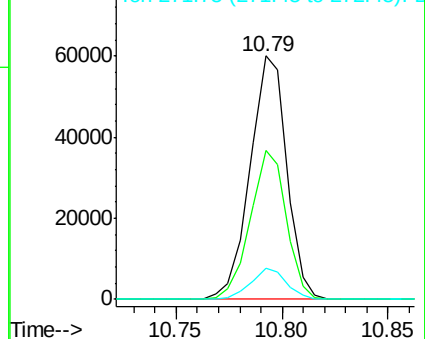
Tot Ion:	237	Resp:	72528
Ion Ratio	Lower	Upper	
237	100		
235	61.4	42.6	82.6
272	12.8	0.0	31.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 120.28 ng

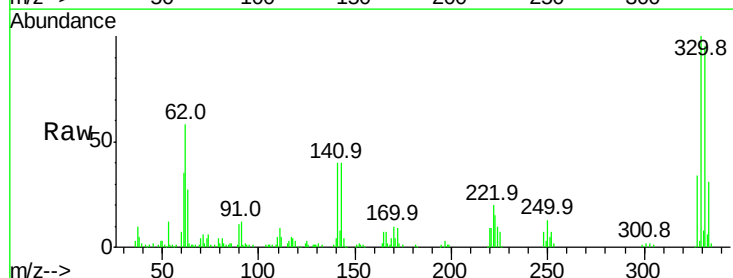
RT: 13.50 min Scan# 2026

Delta R.T. -0.05 min

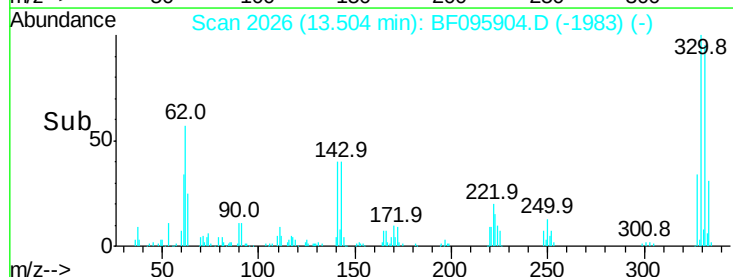
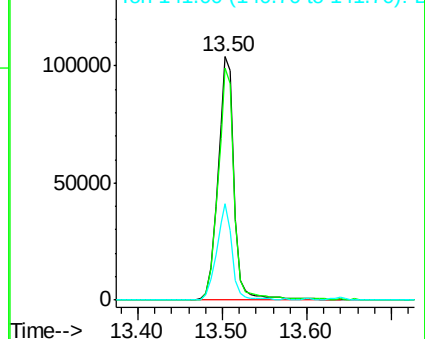
Lab File: BF095904.D

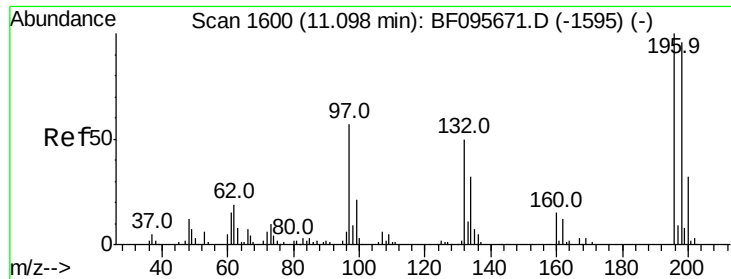
Acq: 13 Jun 2017 20:45

Tgt Ion:	330	Resp:	140976
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	115.0
141	38.2	31.4	47.2



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: 42.99 ng

RT: 11.06 min Scan# 1610

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

ClientSampleId :

RO-VNJ217MSD

Tot Ion:196 Resp: 109580

Ion Ratio Lower Upper

196 100

198 96.9 74.2 111.4

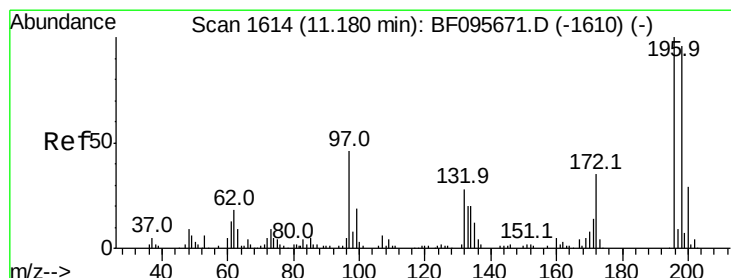
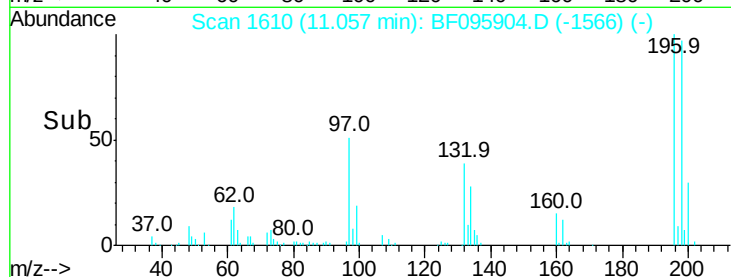
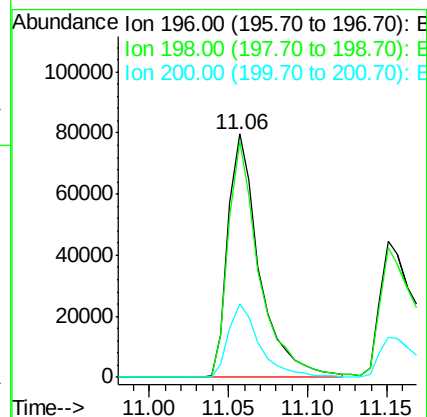
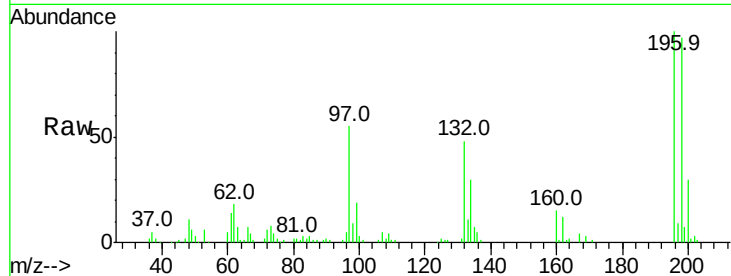
200 29.9 24.0 36.0

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#43

2,4,5-Trichlorophenol

Concen: 37.81 ng

RT: 11.15 min Scan# 1626

Delta R.T. -0.03 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:196 Resp: 102520

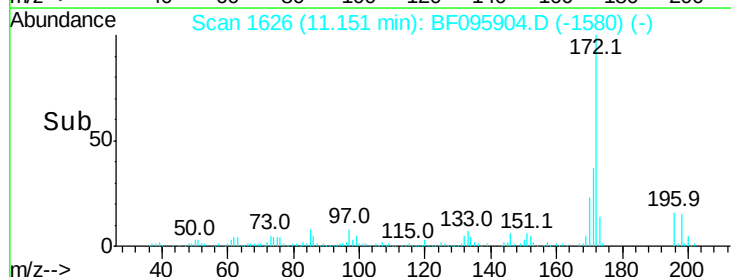
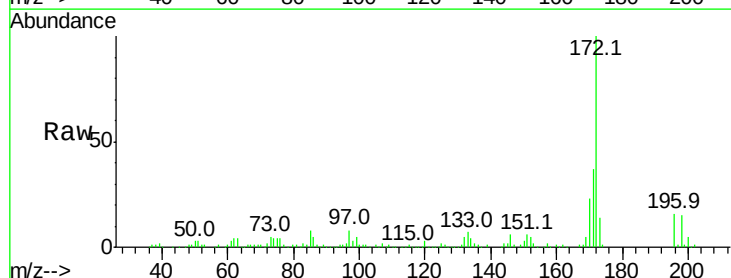
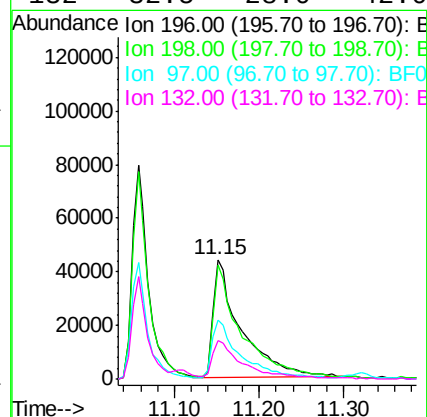
Ion Ratio Lower Upper

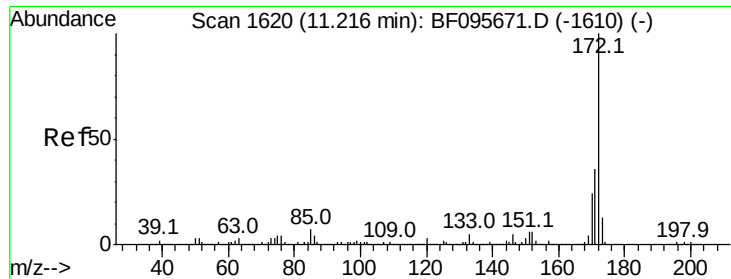
196 100

198 95.3 75.7 113.5

97 49.2 47.7 71.5

132 32.5 28.0 42.0





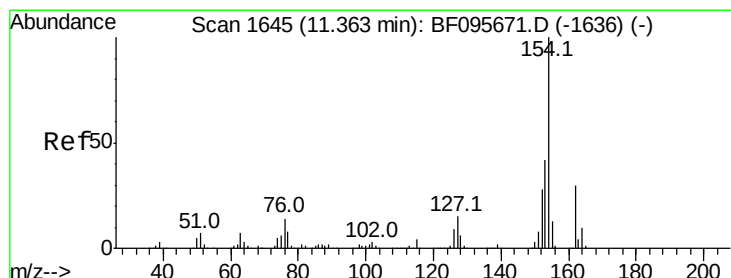
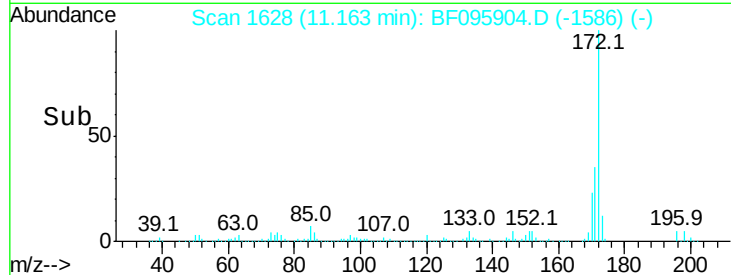
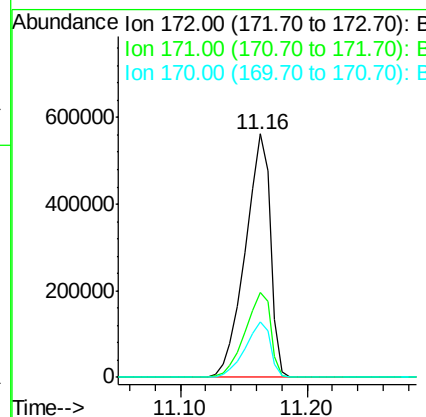
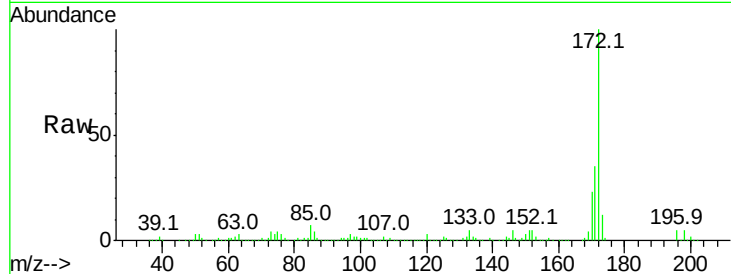
#44
2-Fluorobiphenyl
Concen: 81.44 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.0	19.8	29.8

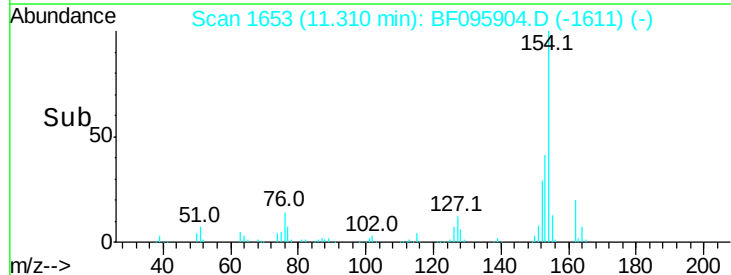
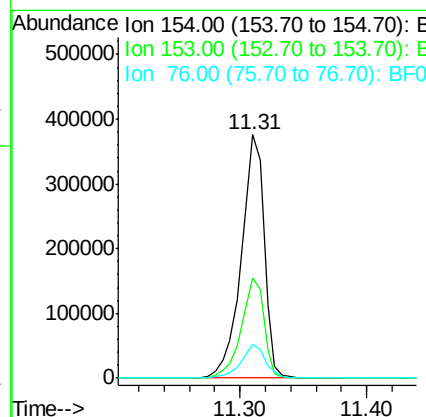
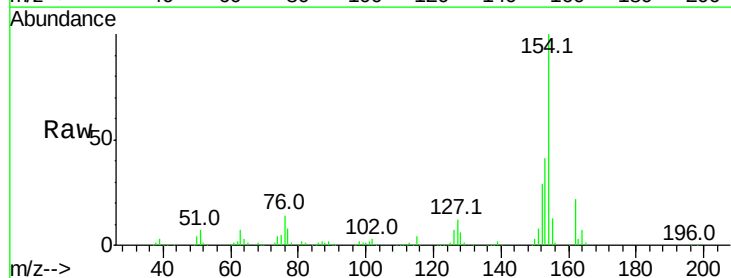
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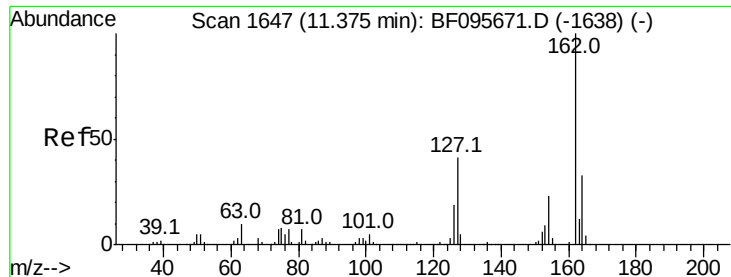
mohammad
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#45
1,1'-Biphenyl
Concen: 42.68 ng
RT: 11.31 min Scan# 1653
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.2	21.2	61.2
76	14.1	0.0	29.9





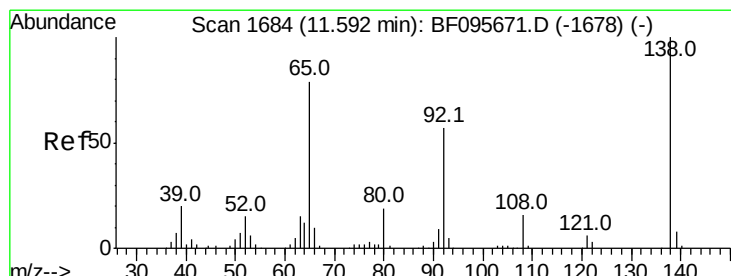
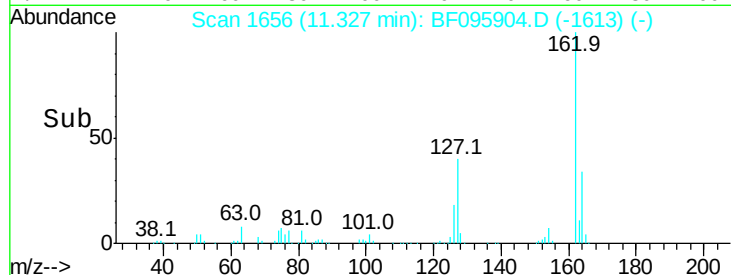
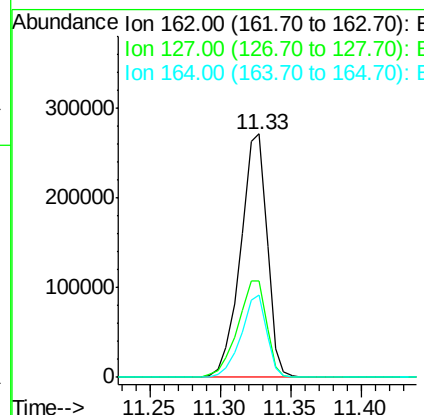
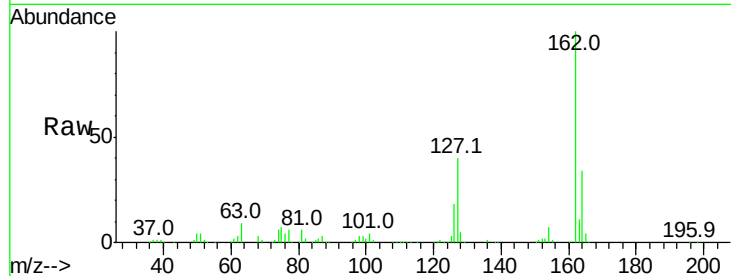
#46
2-Chloronaphthalene
Concen: 41.84 ng
RT: 11.33 min Scan# 1656
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.5	28.3	42.5
164	33.9	27.0	40.4

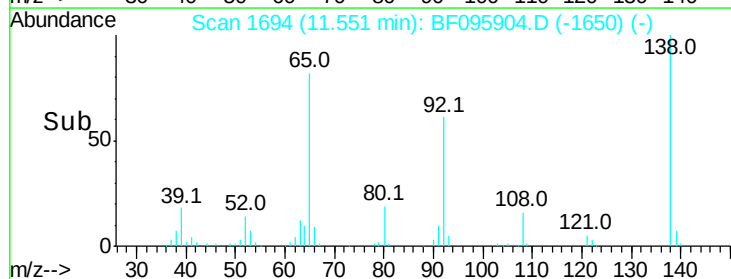
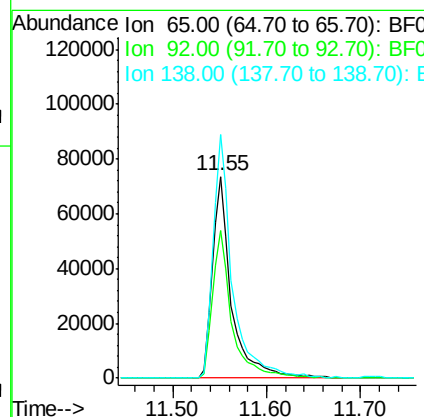
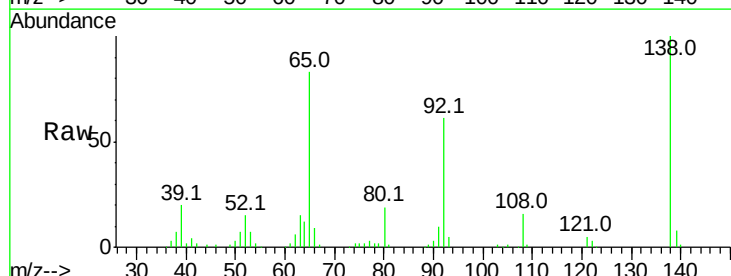
Manual Integrations
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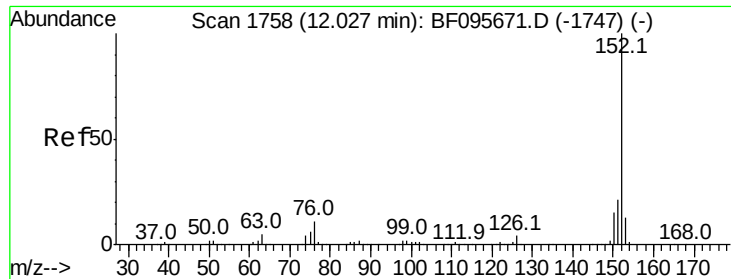
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#47
2-Nitroaniline
Concen: 42.09 ng
RT: 11.55 min Scan# 1694
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.3	53.9	80.9
138	120.8	78.8	118.2





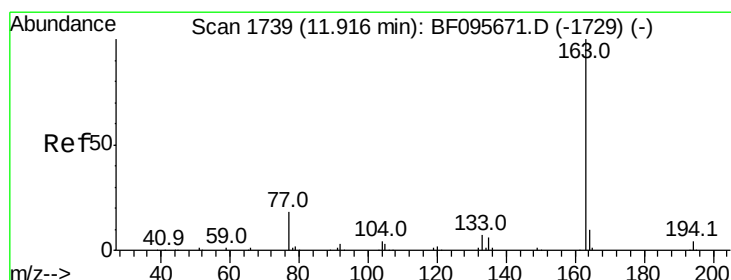
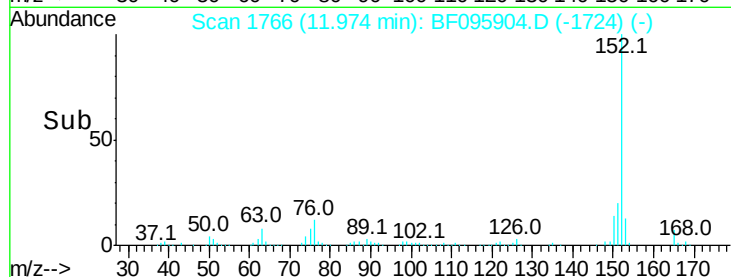
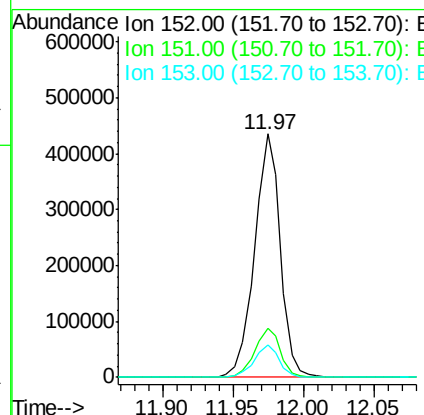
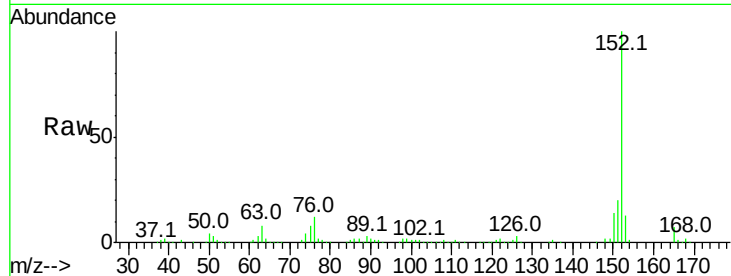
#48
Acenaphthylene
Concen: 38.23 ng
RT: 11.97 min Scan# 1766
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.2	10.8	16.2

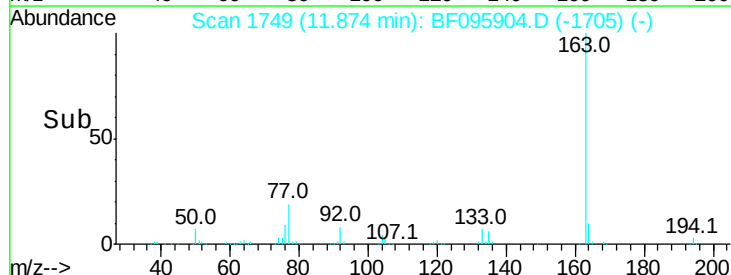
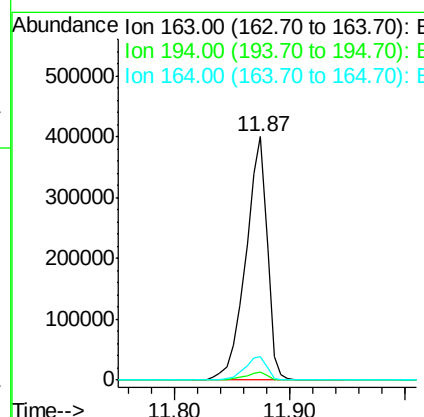
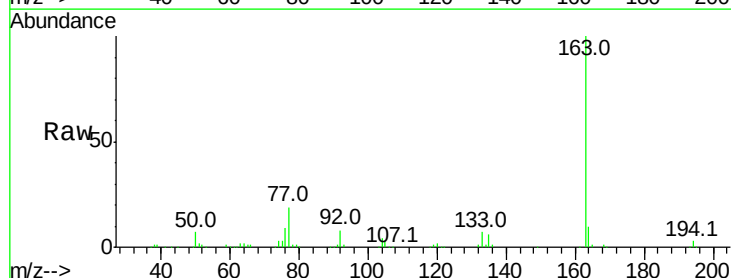
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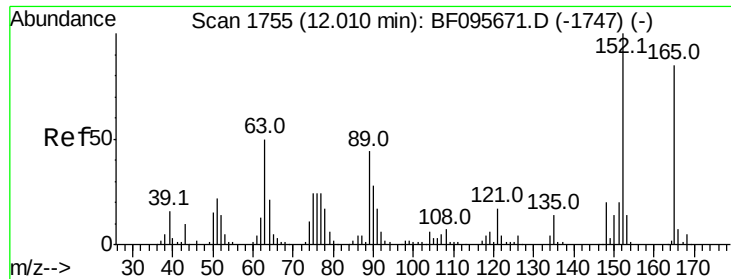
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#49
Dimethylphthalate
Concen: 50.92 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6





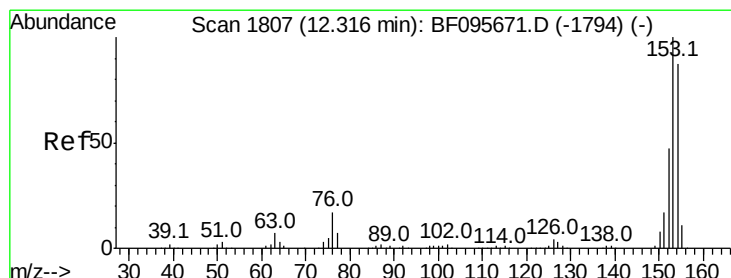
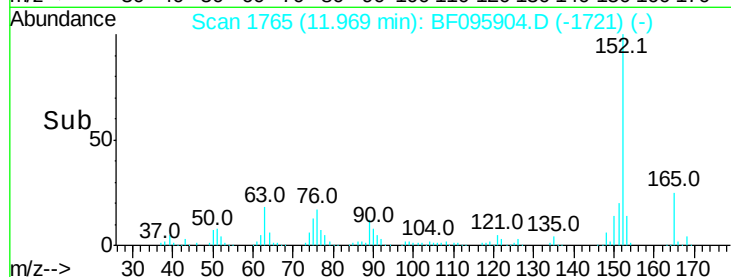
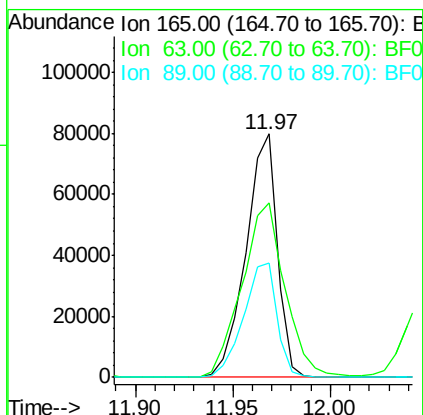
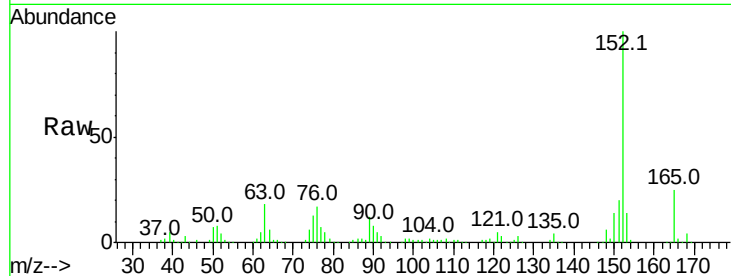
#50
2,6-Dinitrotoluene
Concen: 40.54 ng
RT: 11.97 min Scan# 1765
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	71.4	34.3	51.5#
89	47.1	37.1	55.7

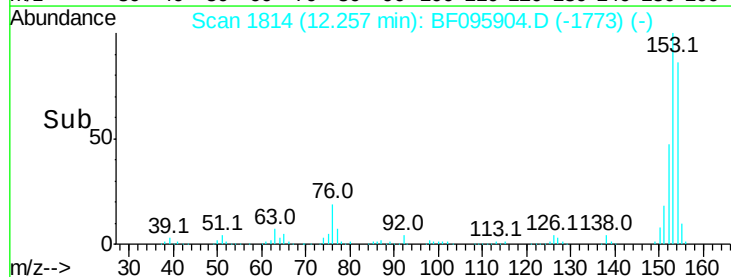
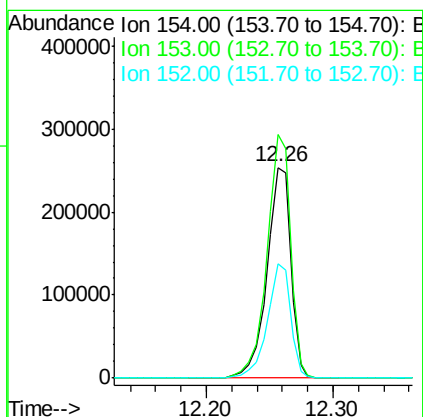
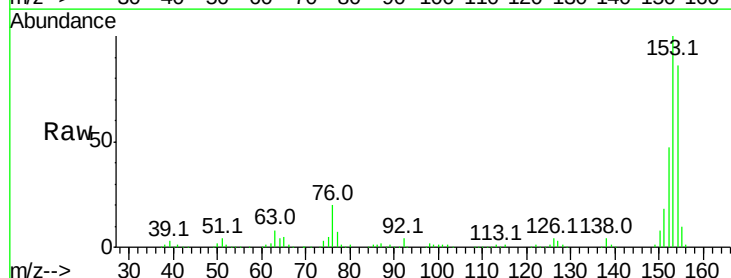
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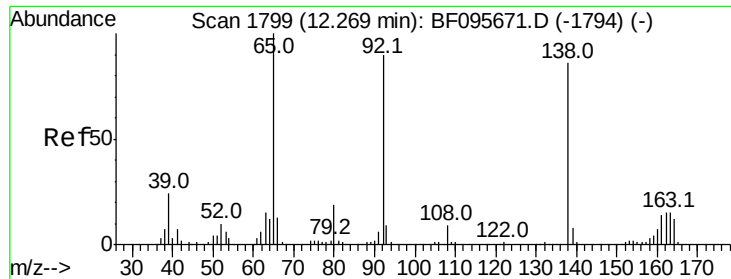
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#51
Acenaphthene
Concen: 39.29 ng
RT: 12.26 min Scan# 1814
Delta R.T. -0.06 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	90.5	135.7
152	54.5	43.6	65.4





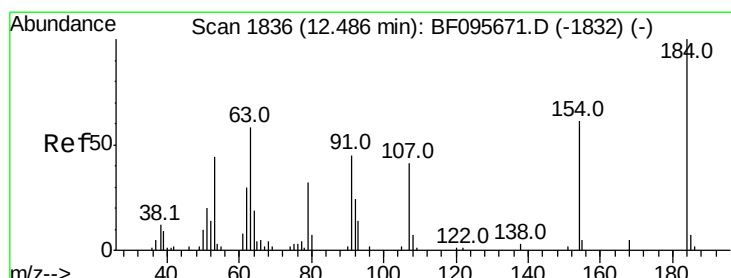
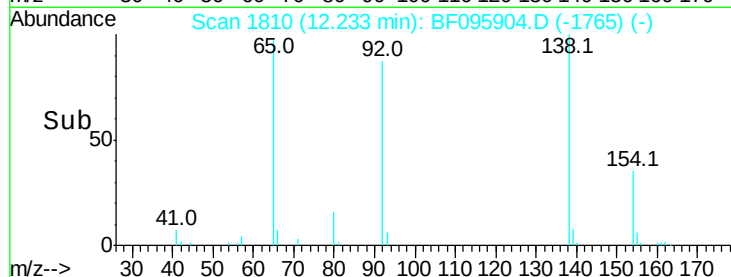
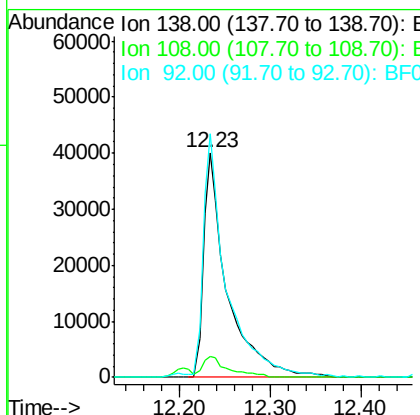
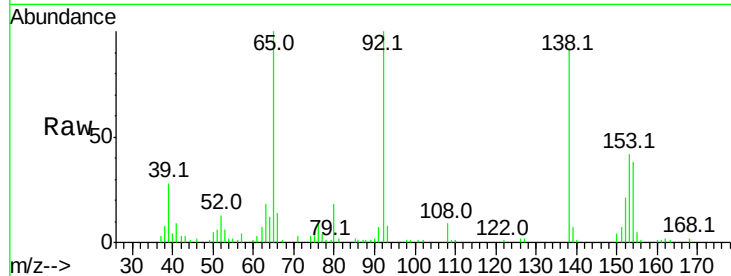
#52
3-Nitroaniline
Concen: 28.75 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	9.1	13.7
92	108.2	93.8	140.6

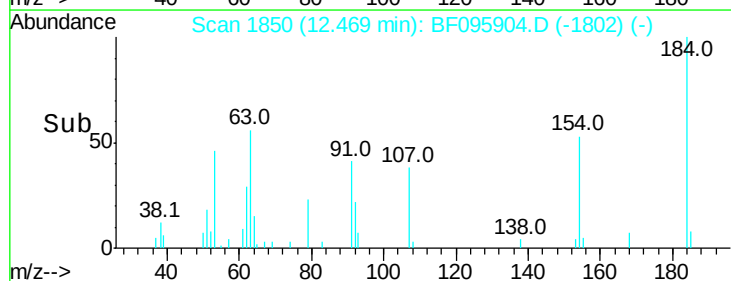
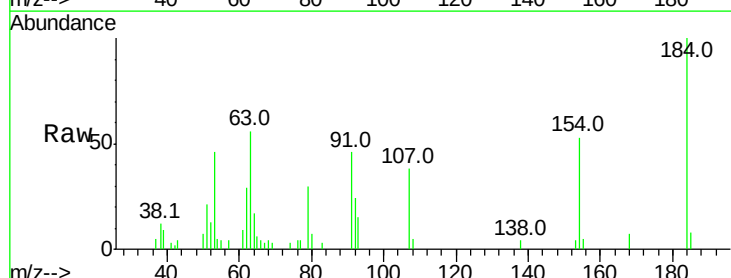
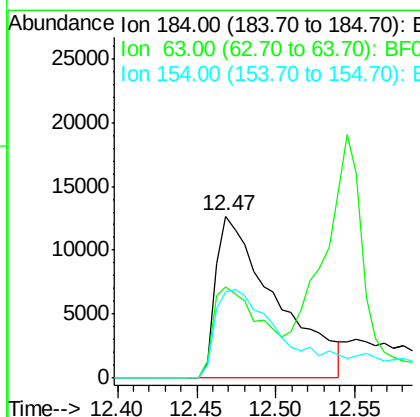
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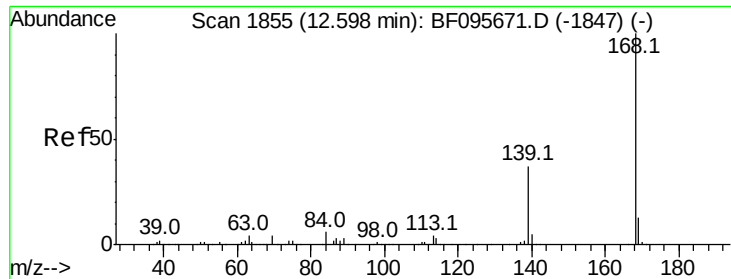
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#53
2,4-Dinitrophenol
Concen: 31.23 ng
RT: 12.47 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	62.7	94.1#
154	53.3	81.1	121.7#





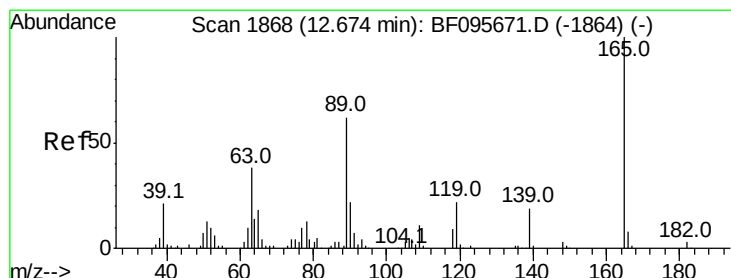
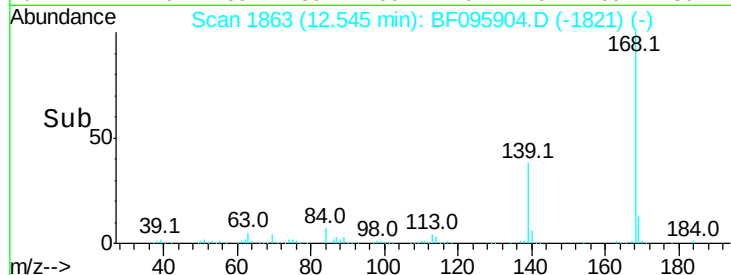
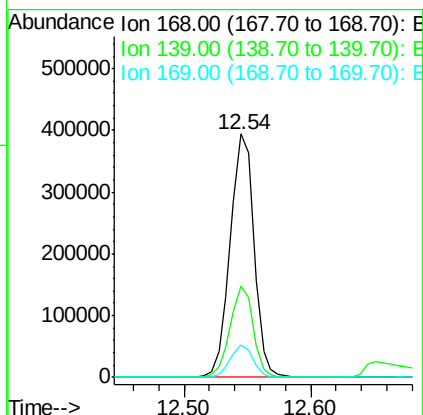
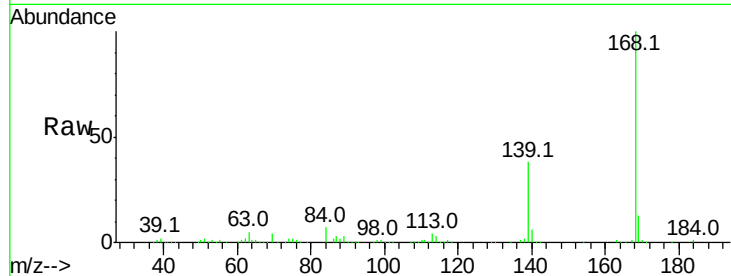
#54
Dibenzenofuran
Concen: 43.13 ng
RT: 12.54 min Scan# 1863
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.6	45.8
169	13.5	10.8	16.2

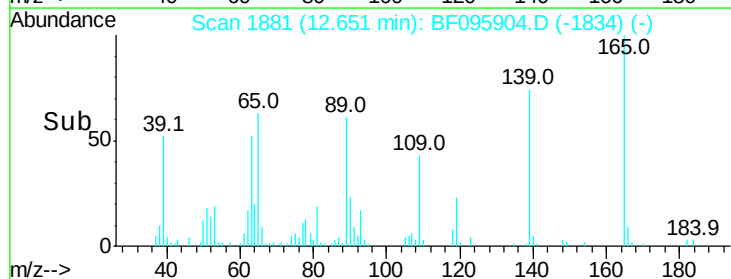
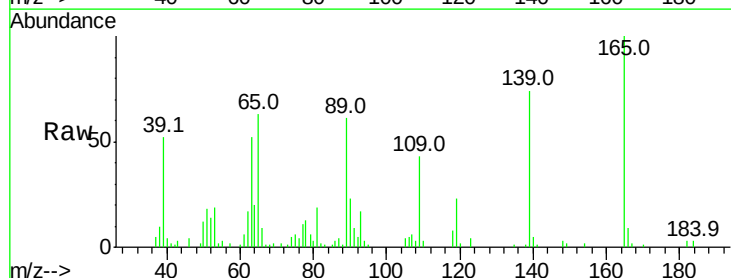
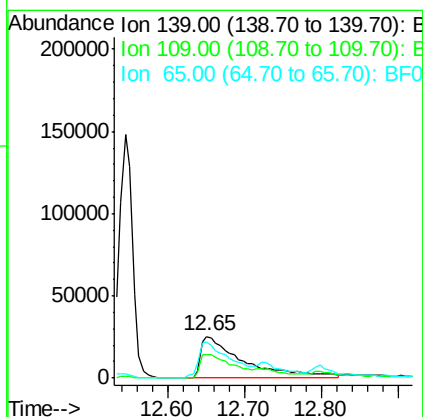
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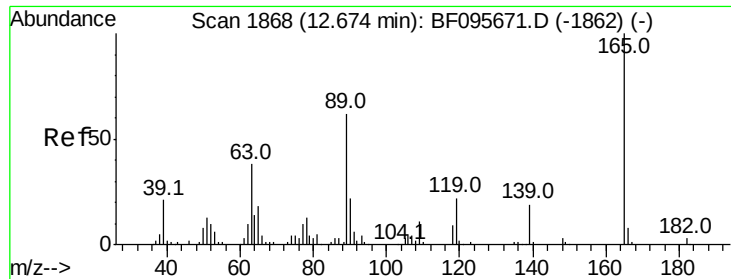
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#55
4-Nitrophenol
Concen: 66.62 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.8	34.1	74.1
65	86.0	31.4	71.4#





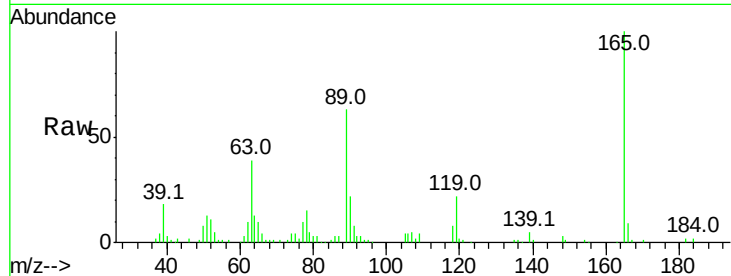
#56
2,4-Dinitrotoluene
Concen: 42.99 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	127389		
63	39.0	25.4	38.0	
89	63.4	46.4	69.6	
182	2.4	1.8	2.6	

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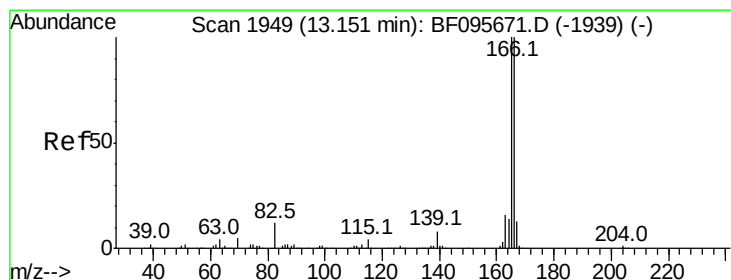
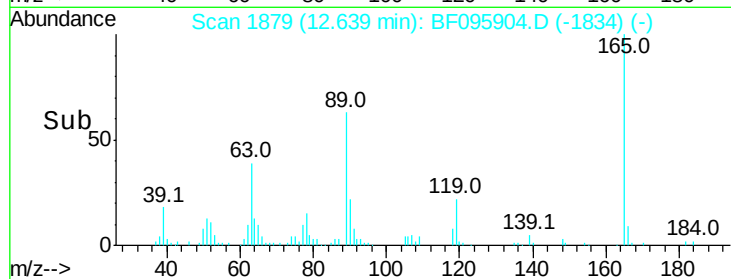
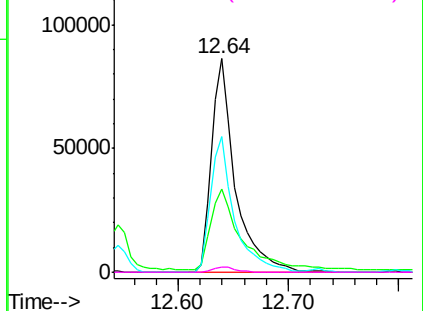


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



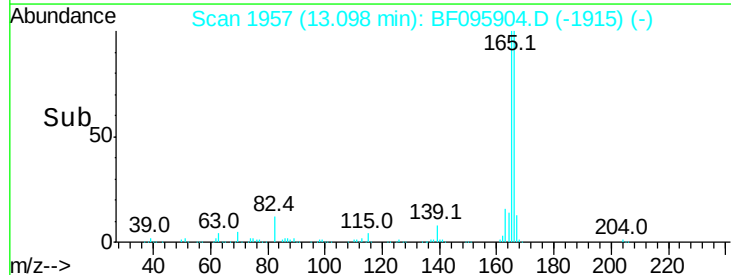
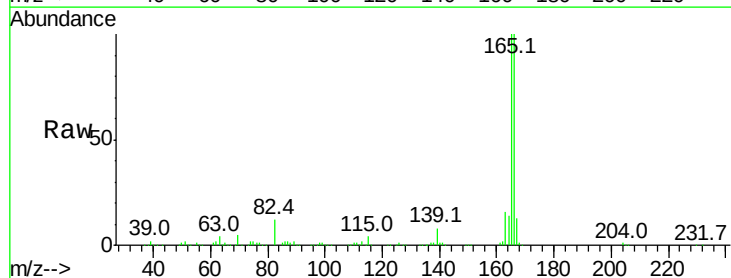
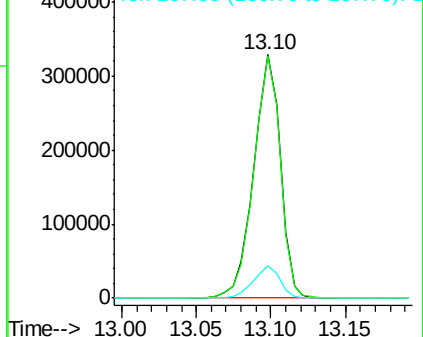
#57
Fluorene
Concen: 39.15 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

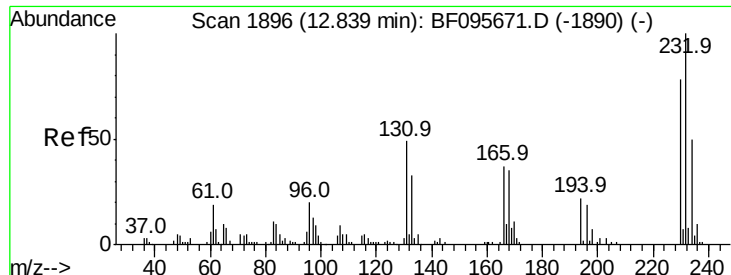
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	403998		
165	99.7	78.8	118.2	
167	13.4	10.6	16.0	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





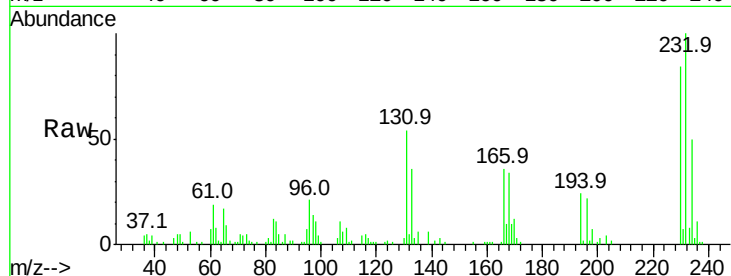
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.07 ng
 RT: 12.80 min Scan# 1906
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

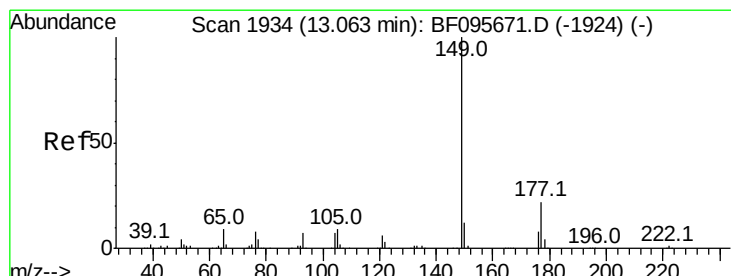
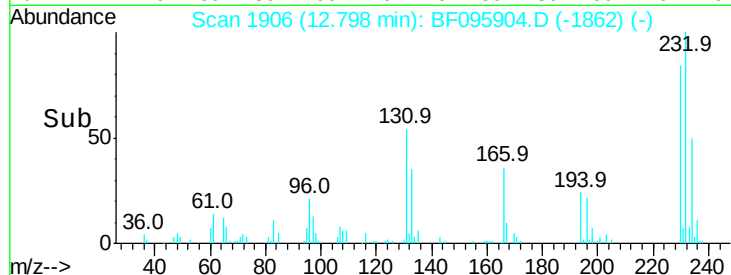
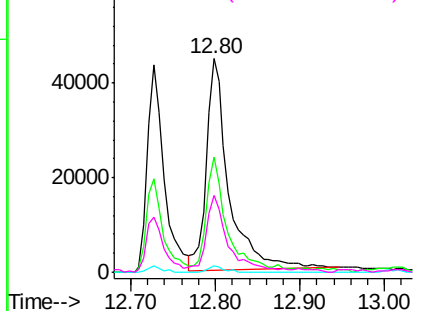
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.4	44.8	67.2
130	2.2	2.3	3.5
166	31.0	29.0	43.4

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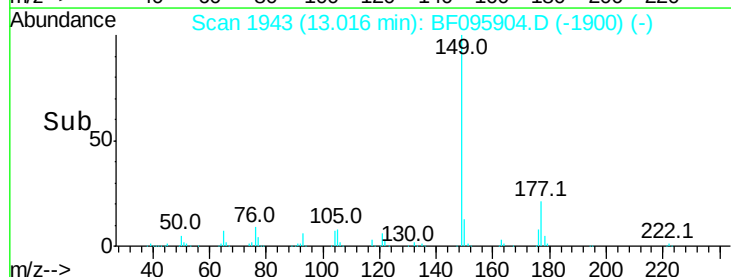
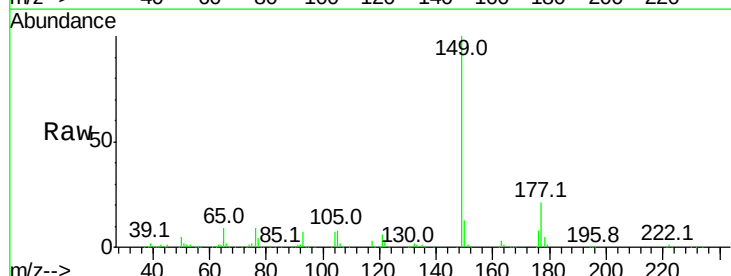
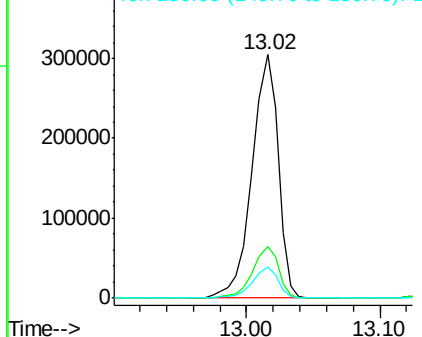
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

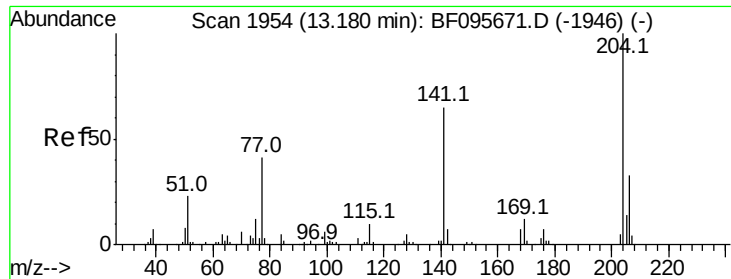


#59
 Diethylphthalate
 Concen: 42.55 ng
 RT: 13.02 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.7	10.2	15.2

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





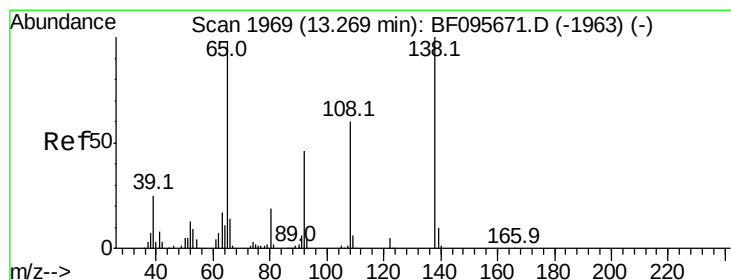
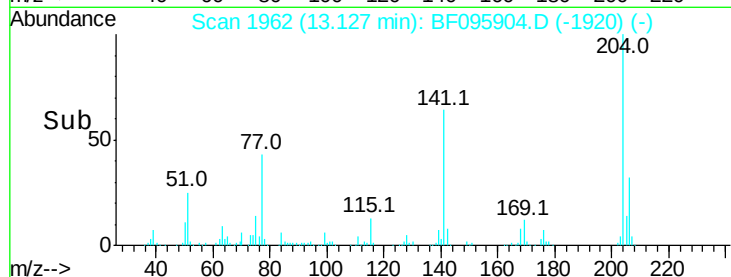
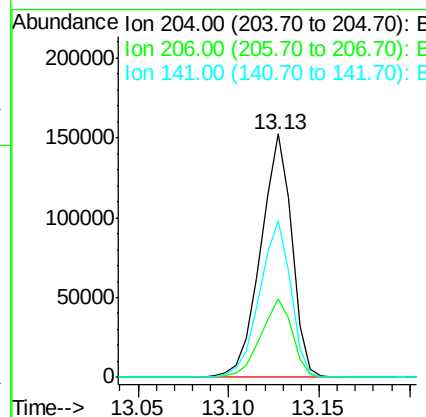
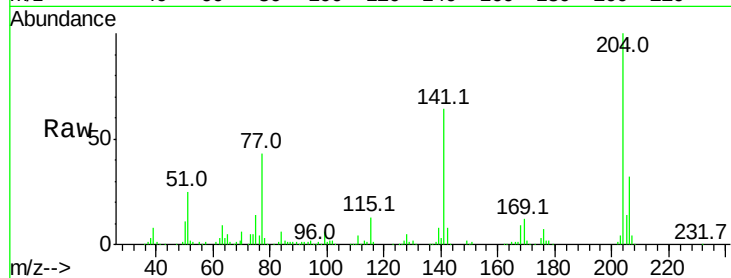
#60
4-Chlorophenyl-phenylether
Concen: 40.53 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	64.4	60.8	91.2

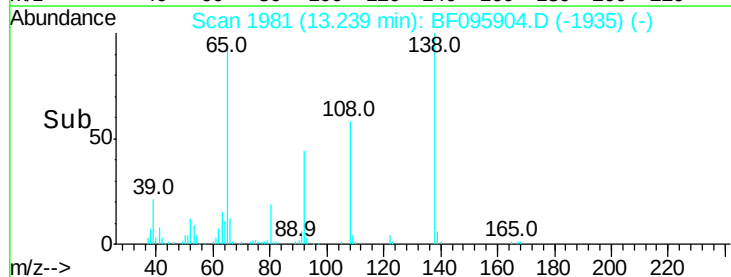
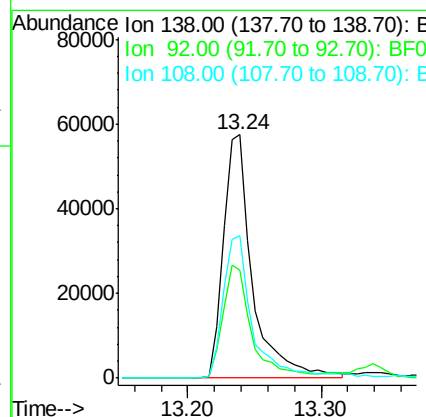
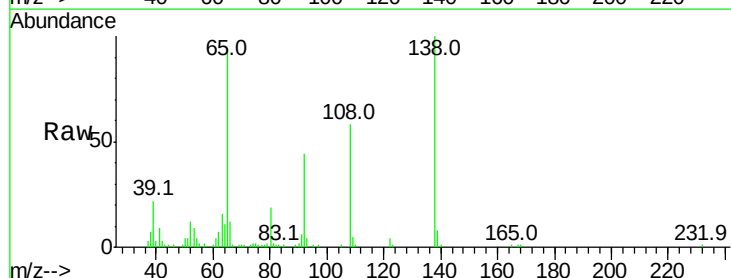
Manual Integrations
APPROVED

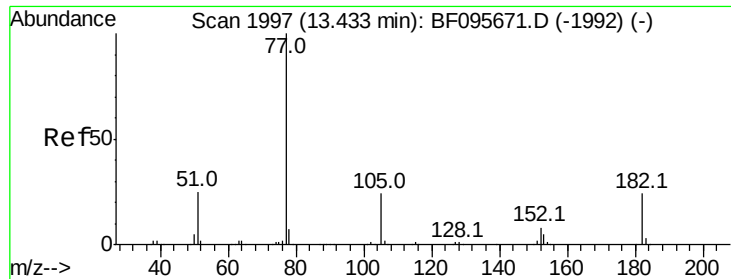
mohammad
6/14/2017 4:24:44 PM



#61
4-Nitroaniline
Concen: 36.97 ng
RT: 13.24 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.2	21.8	61.8
108	58.5	42.3	82.3





#62

Azobenzene

Concen: 42.74 ng

RT: 13.39 min Scan# 2006

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

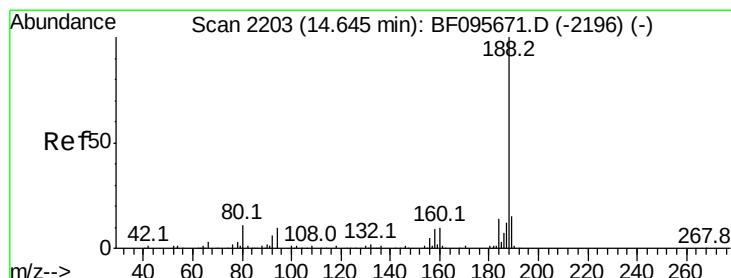
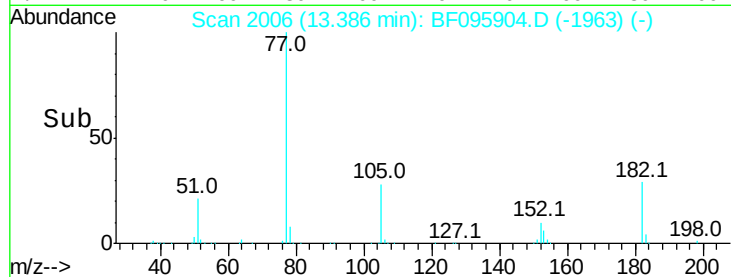
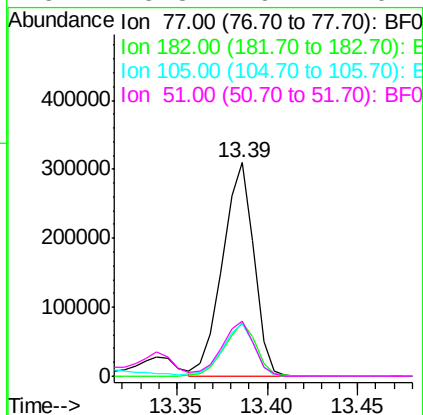
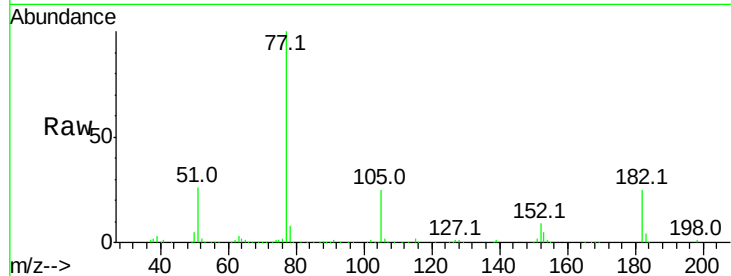
ClientSampleId :

RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	0.1	40.1
105	24.7	3.6	43.6
51	25.8	9.4	49.4

Manual Integrations
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mohammad
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#63

Phenanthrene-d10

Concen: 20.00 ng

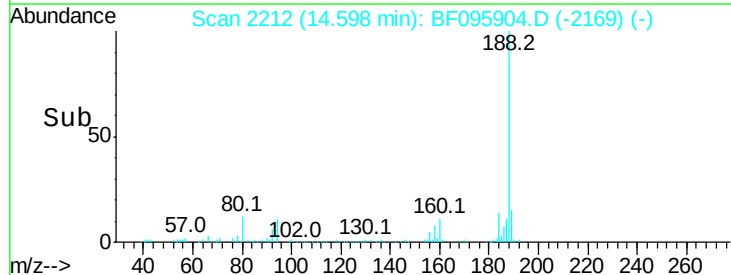
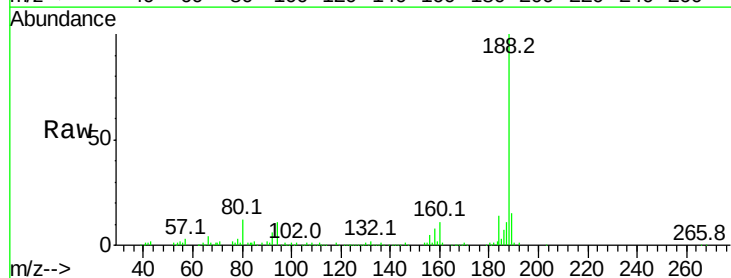
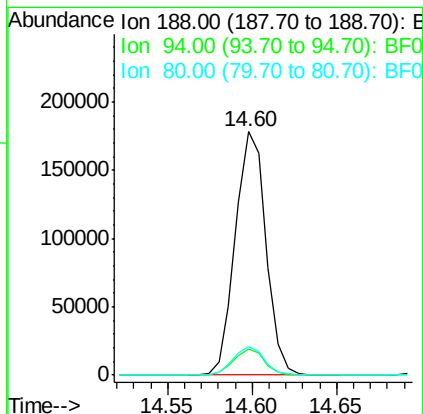
RT: 14.60 min Scan# 2212

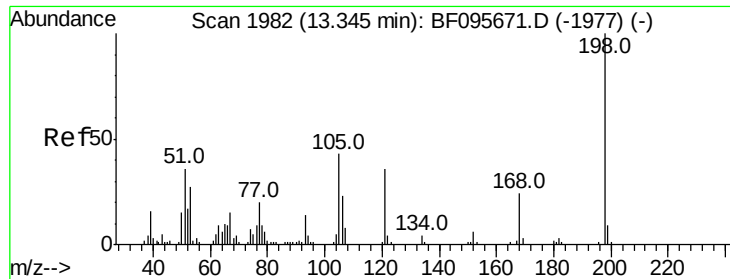
Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.9	10.2	15.2





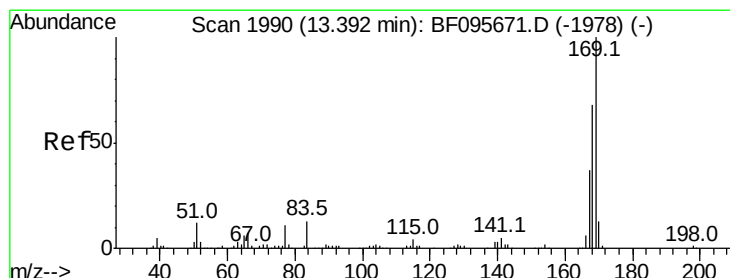
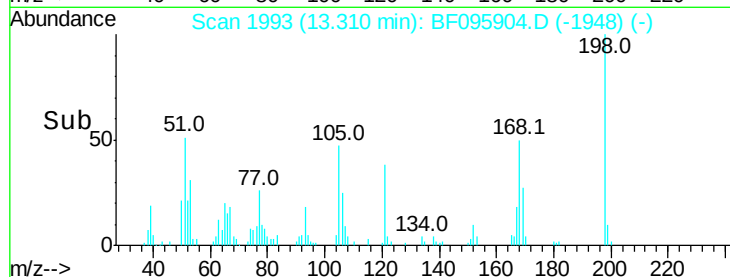
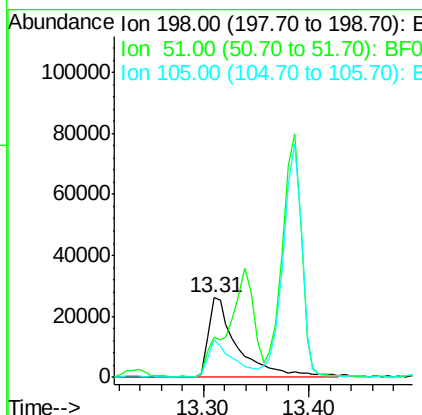
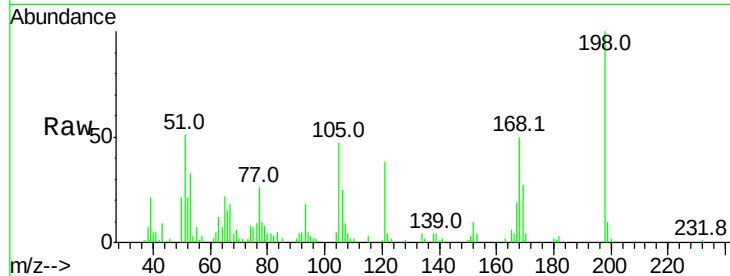
#64
4,6-Dinitro-2-methylphenol
Concen: 34.82 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion:198 Resp: 51576
Ion Ratio Lower Upper
198 100
51 50.8 53.2 93.2#
105 46.8 45.8 85.8

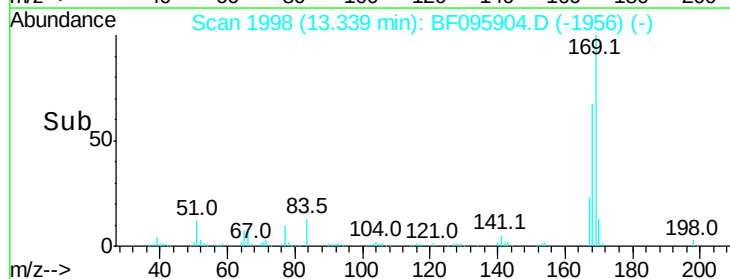
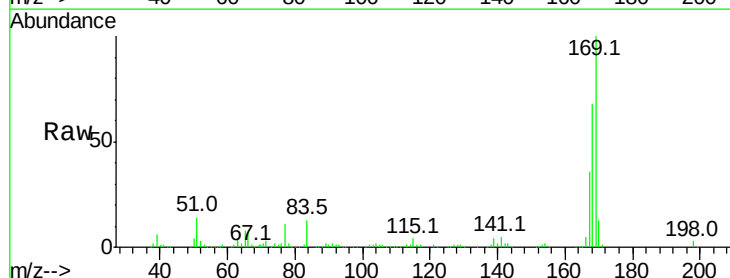
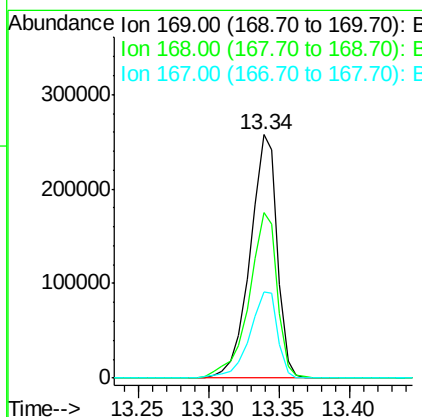
Manual Integrations
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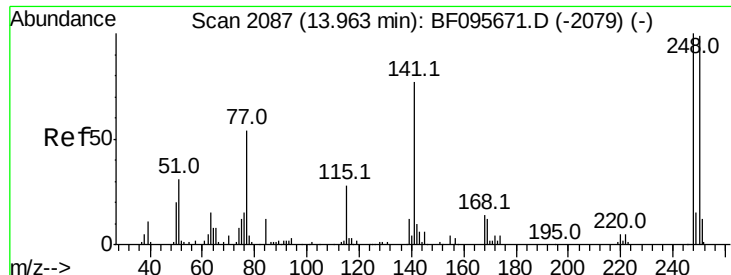
mohammad
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#65
n-Nitrosodiphenylamine
Concen: 42.84 ng
RT: 13.34 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion:169 Resp: 346853
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 35.5 29.5 44.3





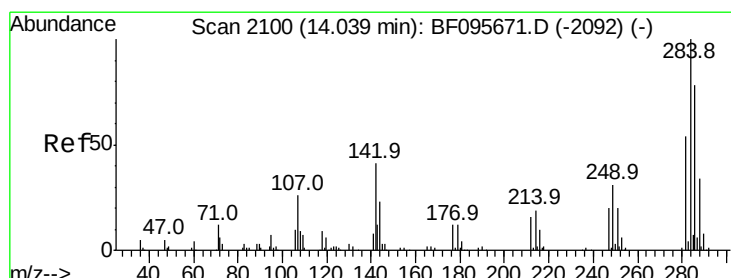
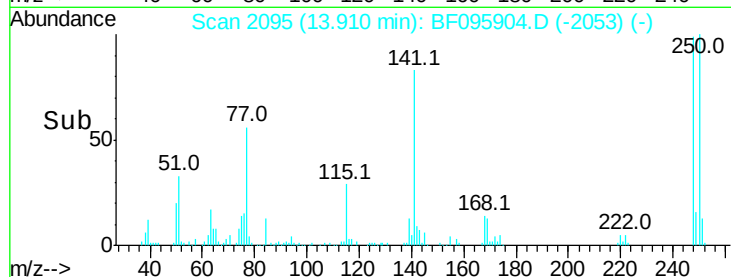
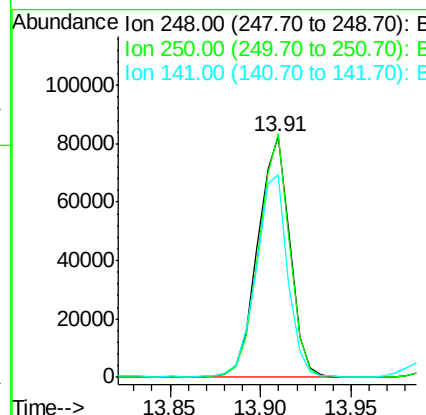
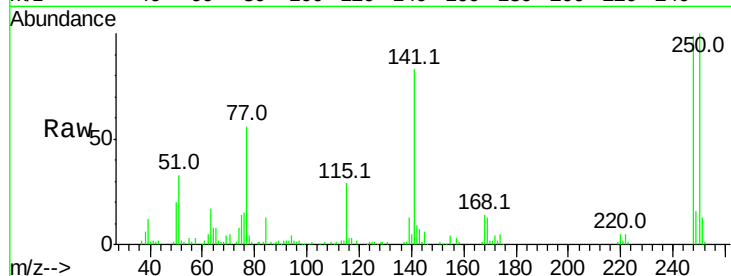
#66
4-Bromophenyl-phenylether
Concen: 43.24 ng
RT: 13.91 min Scan# 2095
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.1	76.8	115.2
141	83.9	68.6	103.0

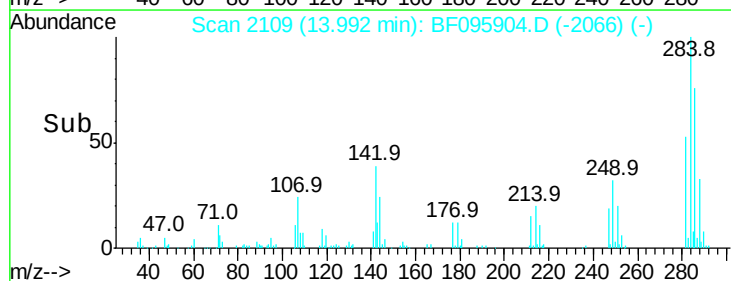
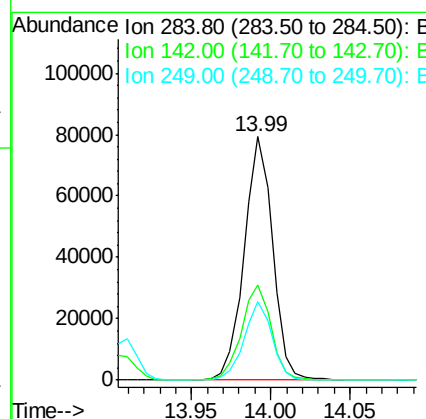
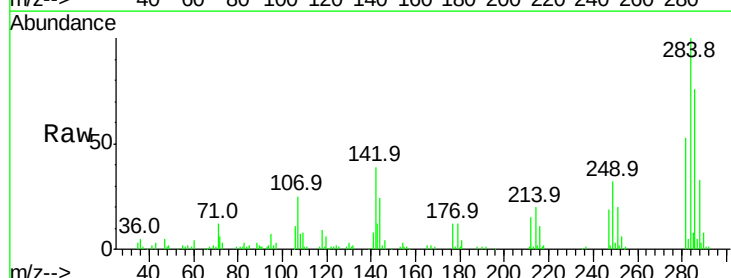
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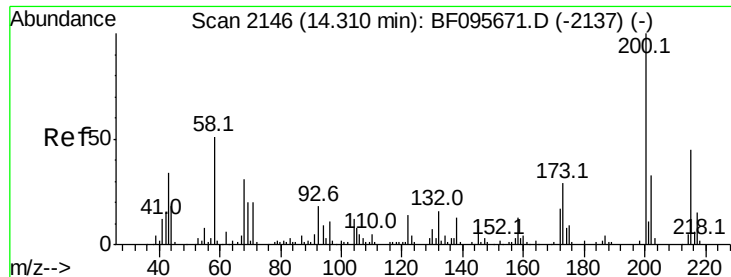
mohammad
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#67
Hexachlorobenzene
Concen: 42.67 ng
RT: 13.99 min Scan# 2109
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	22.8	34.2#
249	32.3	24.0	36.0





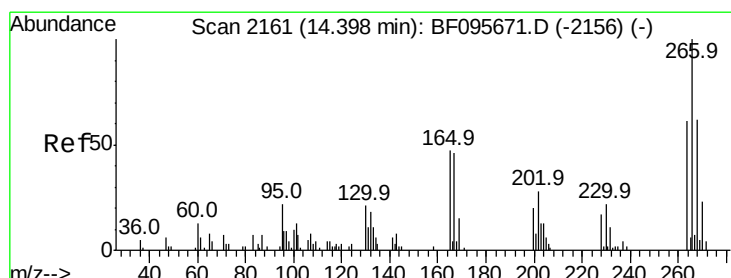
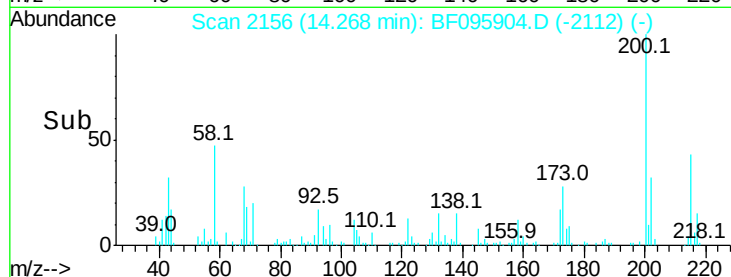
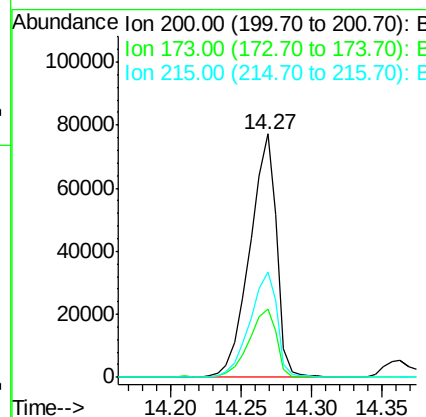
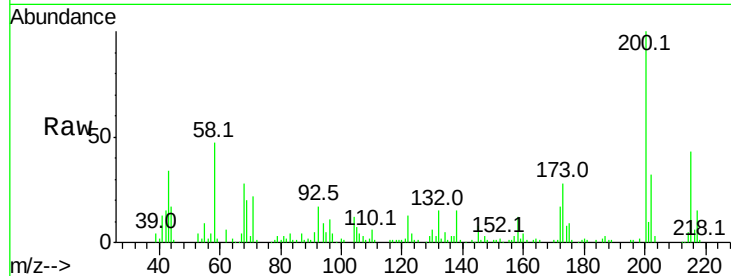
#68
Atrazine
Concen: 45.66 ng
RT: 14.27 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	6.3	46.3
215	43.2	27.2	67.2

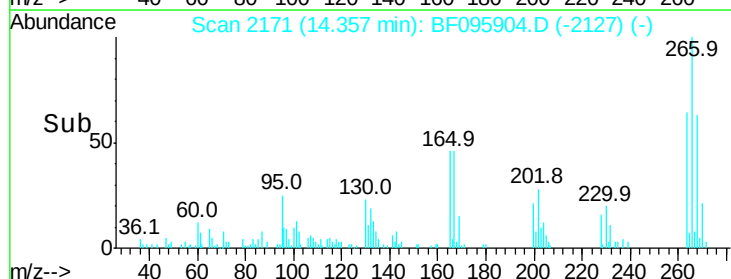
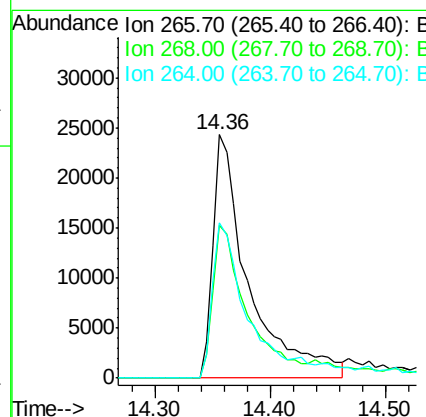
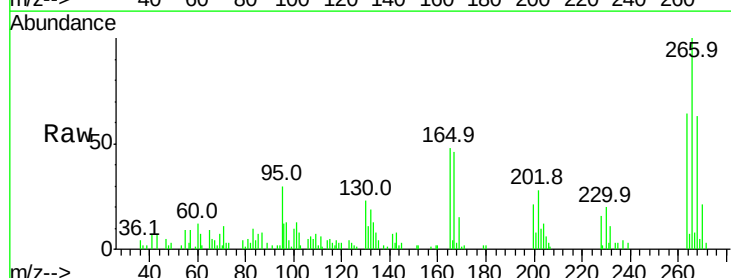
Manual Integrations
APPROVED

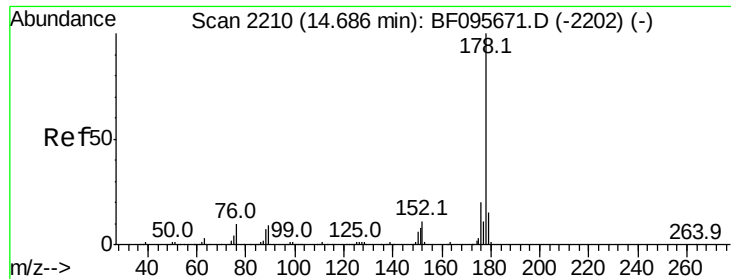
mohammad
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#69
Pentachlorophenol
Concen: 61.77 ng
RT: 14.36 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.6	51.1	76.7
264	63.7	51.7	77.5





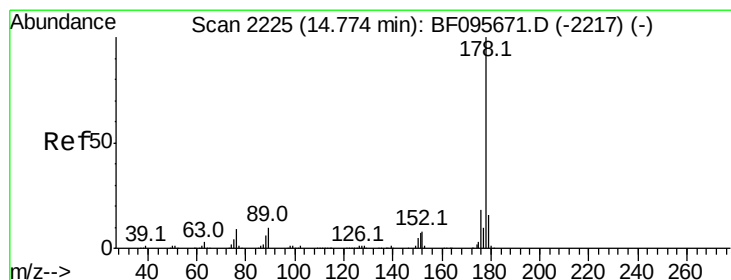
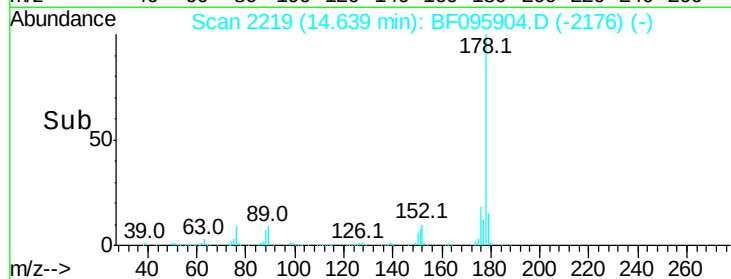
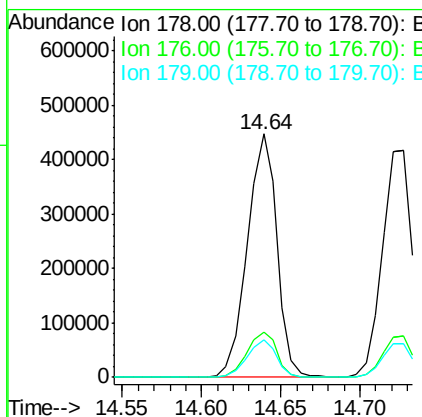
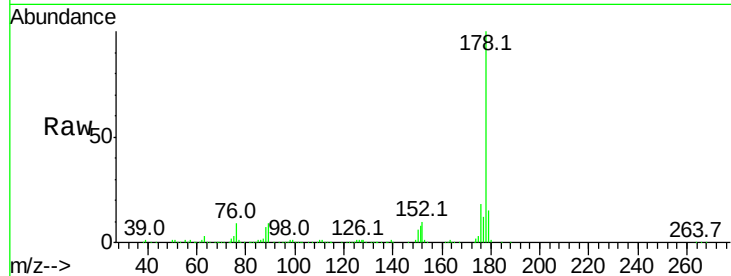
#70
Phenanthrene
Concen: 44.62 ng
RT: 14.64 min Scan# 2219
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.3	12.6	19.0

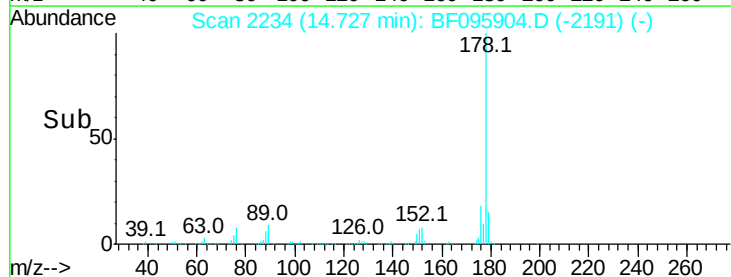
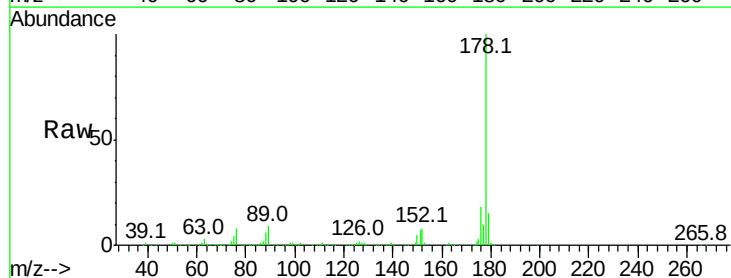
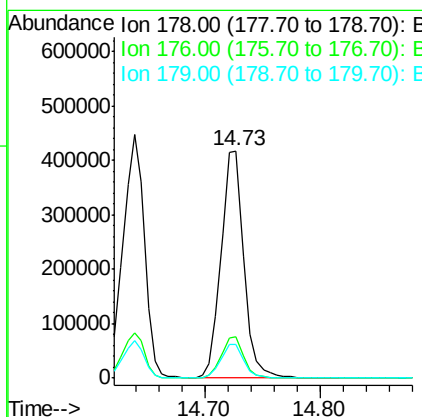
Manual Integrations
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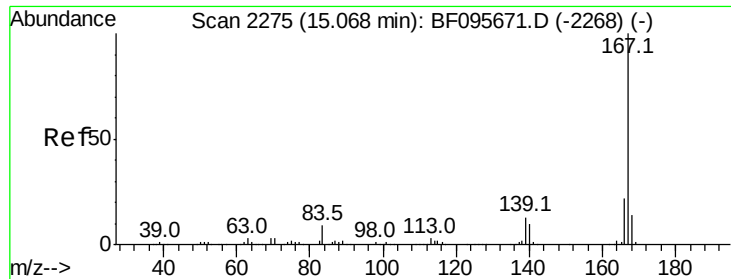
mohammad
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#71
Anthracene
Concen: 42.09 ng
RT: 14.73 min Scan# 2234
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.6	12.7	19.1





#72

Carbazole

Concen: 38.86 ng

RT: 15.02 min Scan# 2284

Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

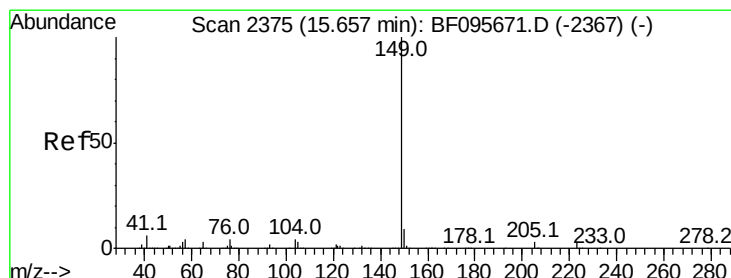
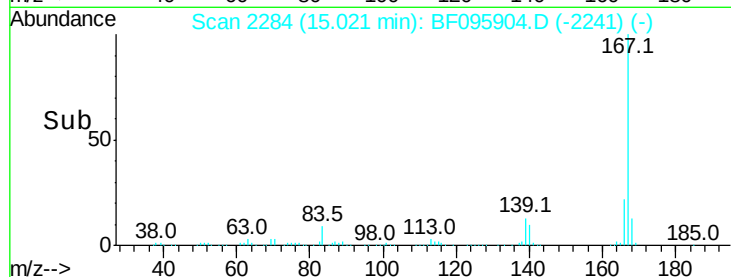
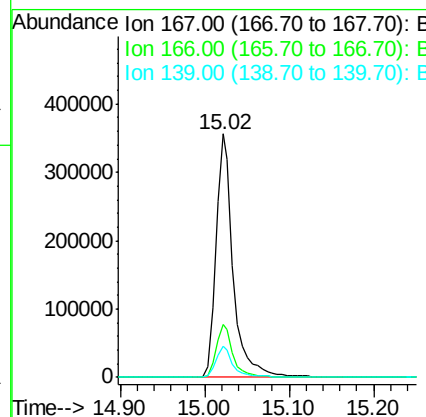
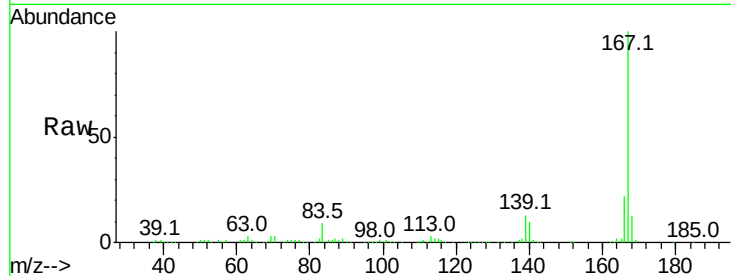
ClientSampleId :

RO-VNJ217MSD

Tot Ion:	167	Resp:	514035
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.1	27.1
139	12.8	11.7	17.5

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 45.32 ng

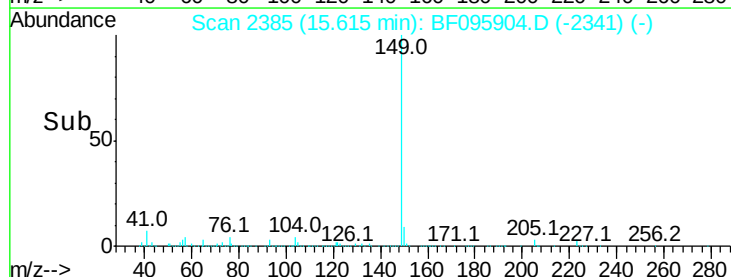
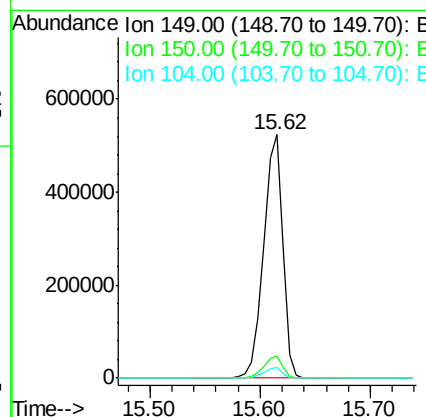
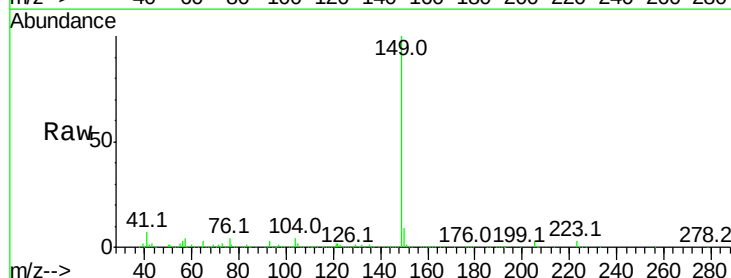
RT: 15.62 min Scan# 2385

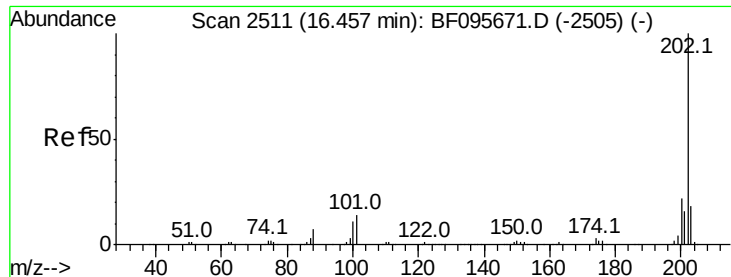
Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:	149	Resp:	637754
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0





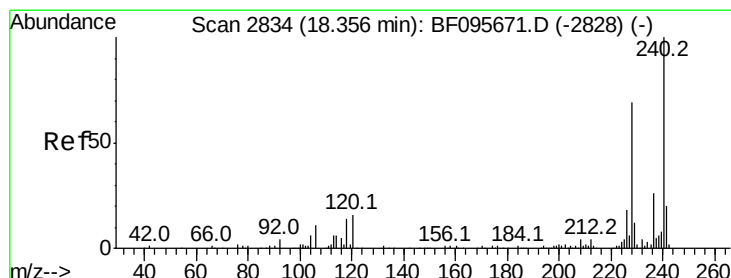
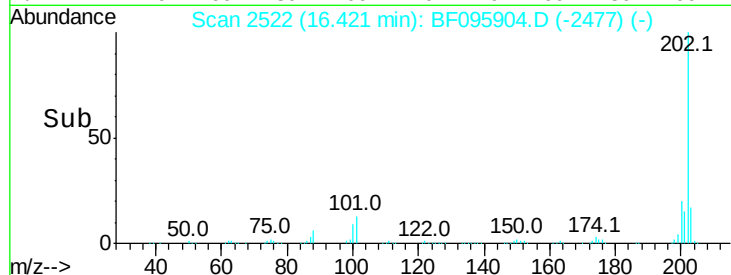
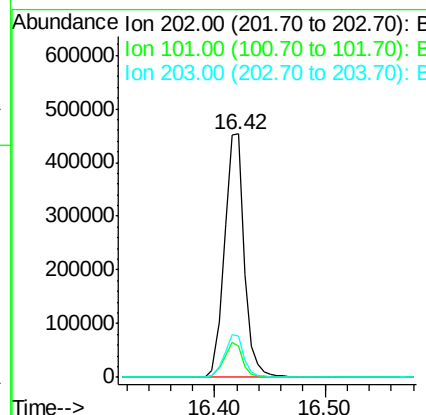
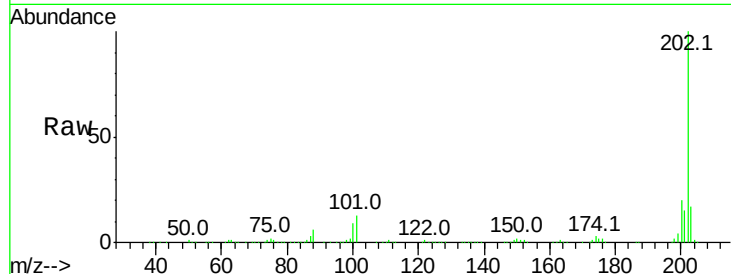
#74
Fluoranthene
 Concen: 44.23 ng
 RT: 16.42 min Scan# 2522
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.6	0.0	33.2	
203	16.9	0.0	38.1	

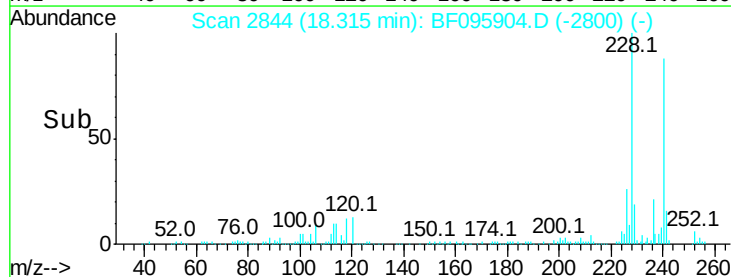
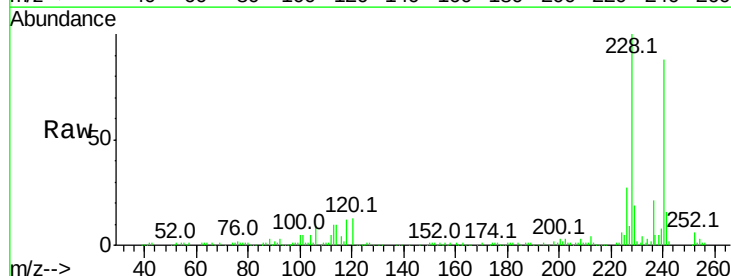
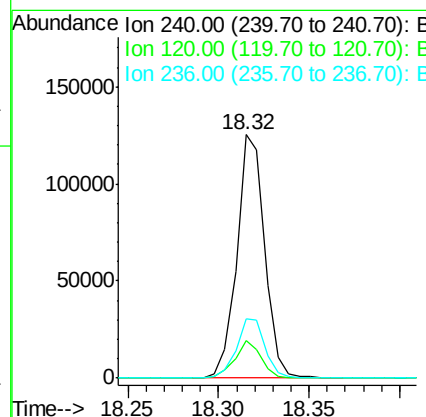
Manual Integrations
 APPROVED

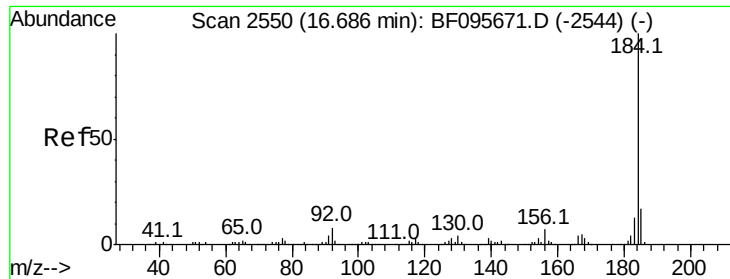
mohammad
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2844
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.3	5.8	8.8#	
236	24.5	20.5	30.7	





#76

Benzidine

Concen: 33.80 ng

RT: 16.65 min Scan# 2561

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

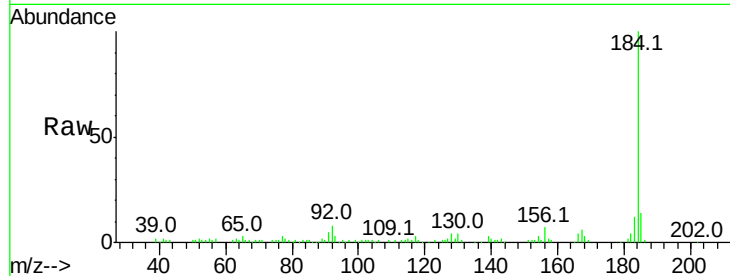
ClientSampleId :

RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	12.4	9.8	14.6

Manual Integrations
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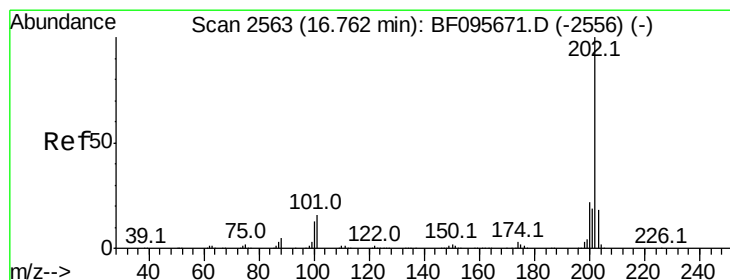
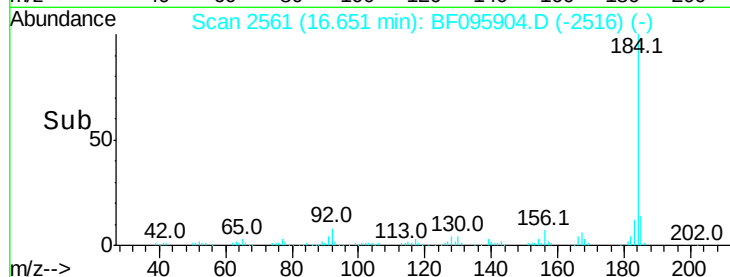
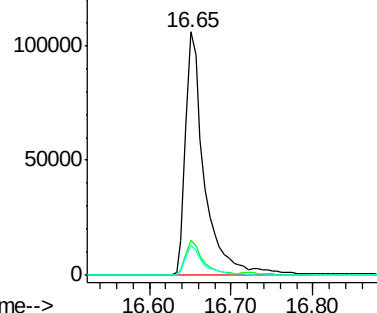
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 56.00 ng

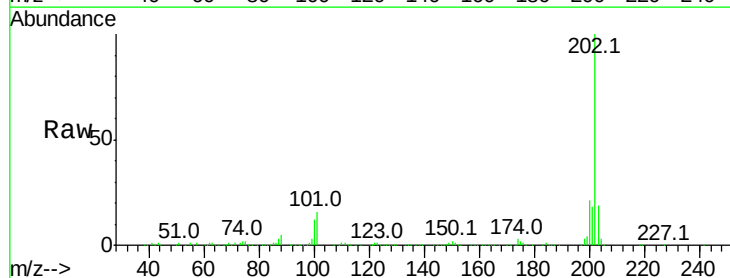
RT: 16.72 min Scan# 2573

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

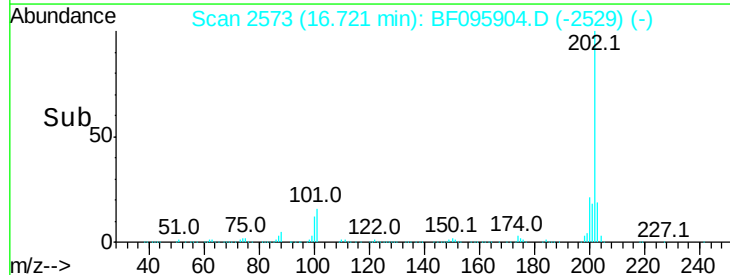
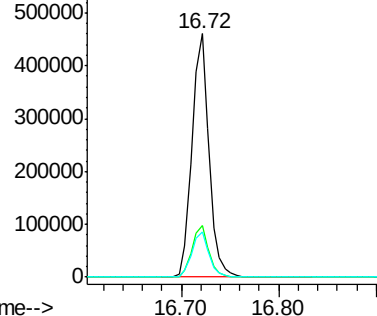
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.8	14.4	21.6

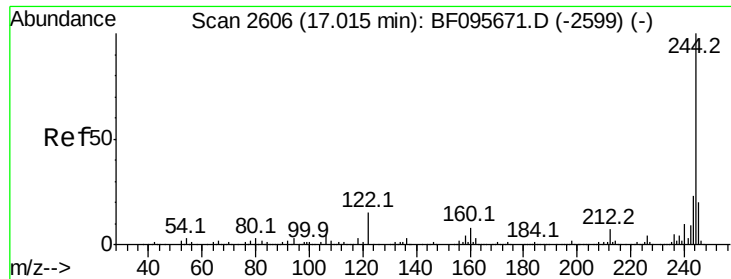


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





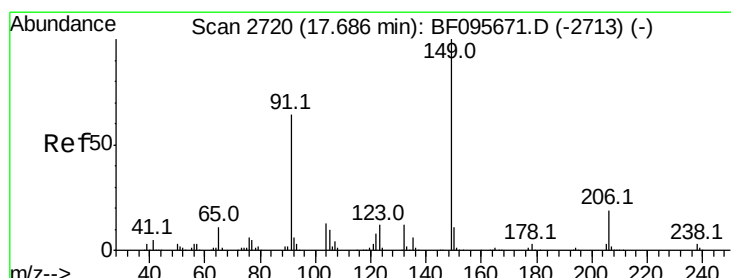
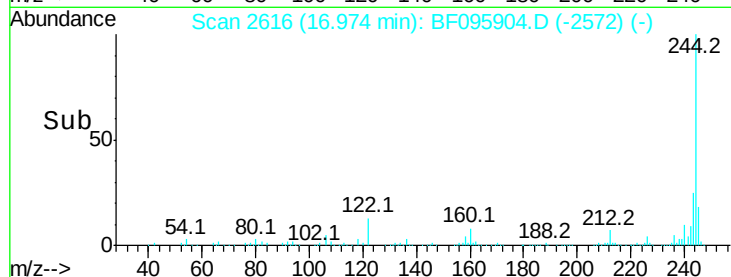
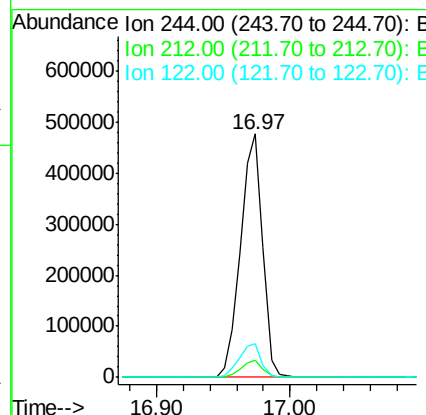
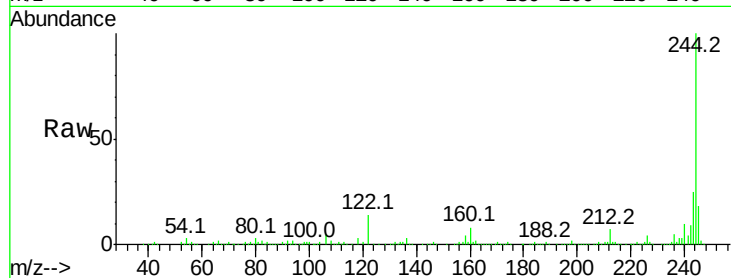
#78
 Terphenyl-d14
 Concen: 102.01 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5

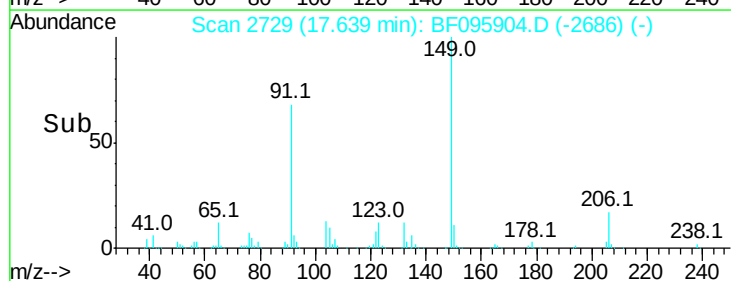
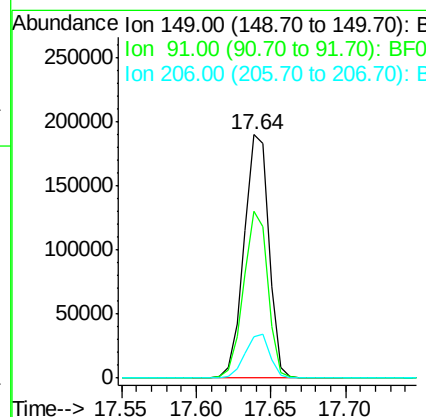
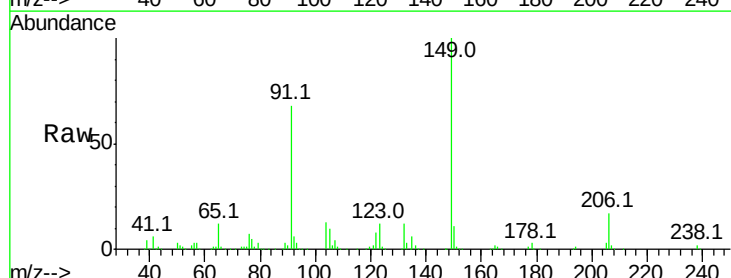
Manual Integrations
 APPROVED

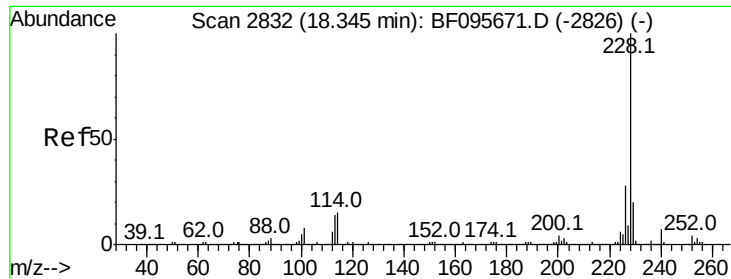
mohammad
 6/14/2017 4:24:44 PM



#79
 Butylbenzylphthalate
 Concen: 50.82 ng
 RT: 17.64 min Scan# 2729
 Delta R.T. -0.05 min
 Lab File: BF095904.D
 Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	45.0	67.4#
206	17.2	17.0	25.6





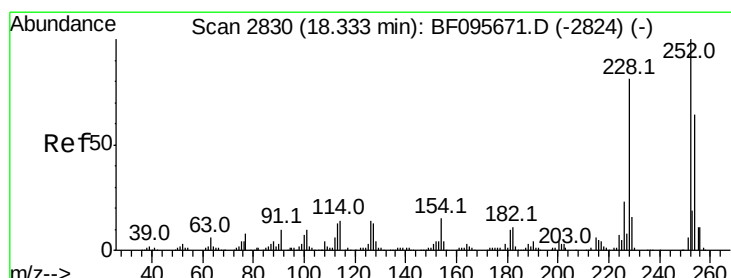
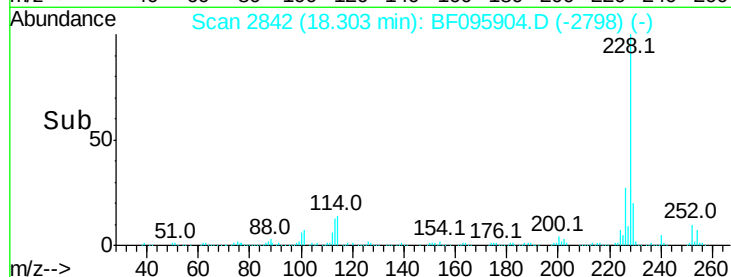
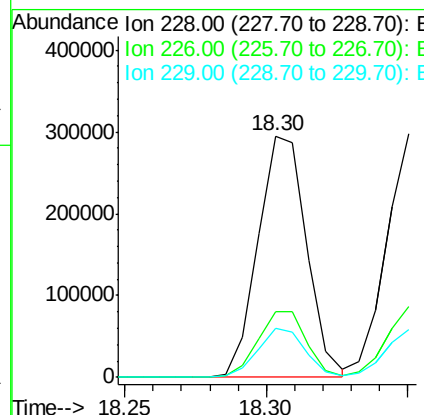
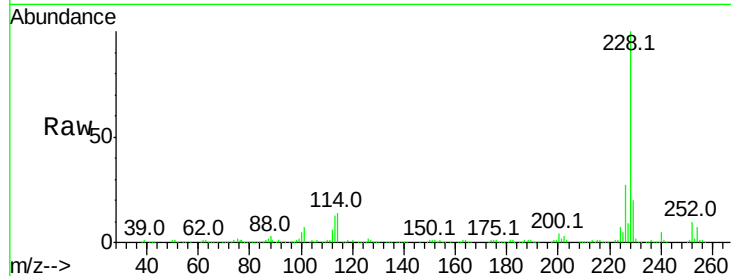
#80
Benzo(a)anthracene
Concen: 45.40 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.4	16.3	24.5

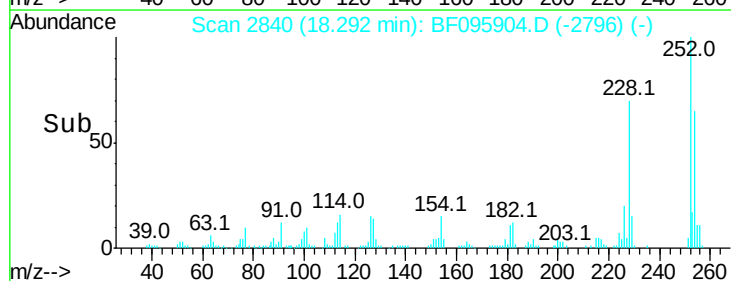
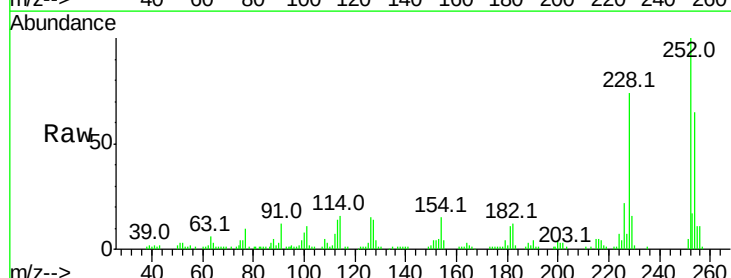
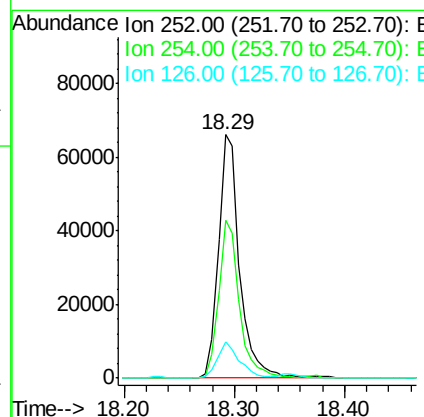
Manual Integrations
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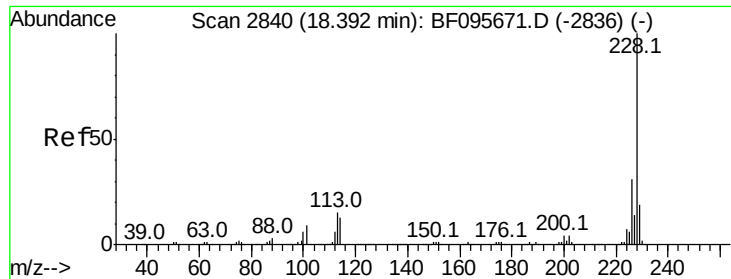
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 31.78 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	14.7	15.8	23.8#





#82

Chrysene

Concen: 44.34 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

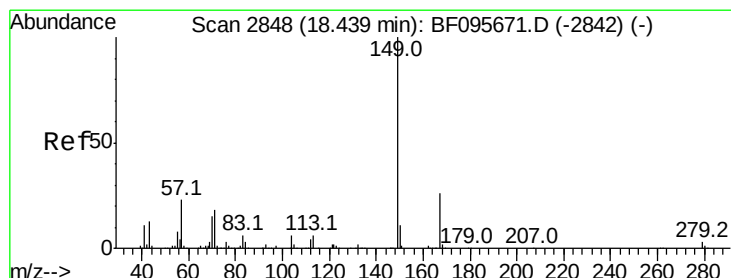
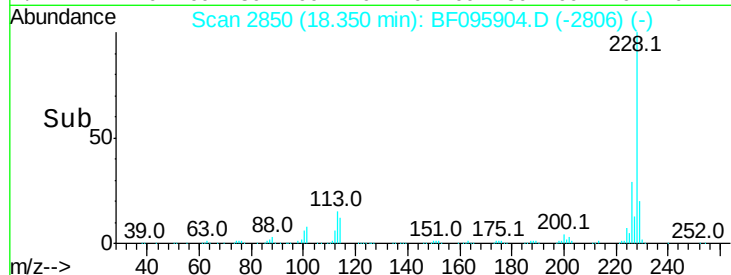
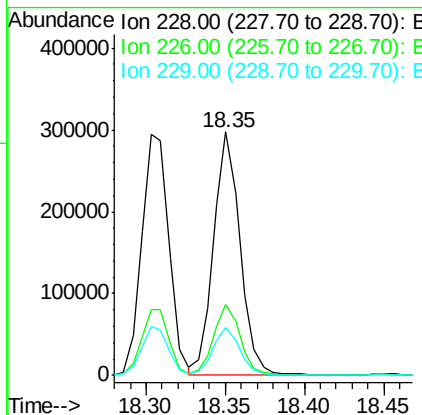
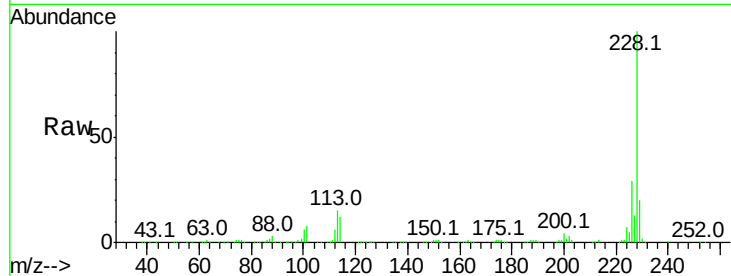
ClientSampleId :

RO-VNJ217MSD

Tot Ion:	228	Resp:	342961
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.9	37.3
229	19.6	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 52.73 ng

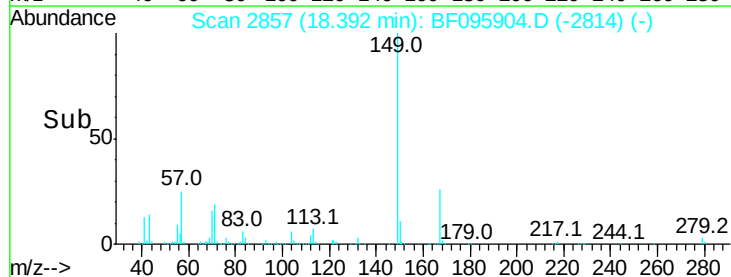
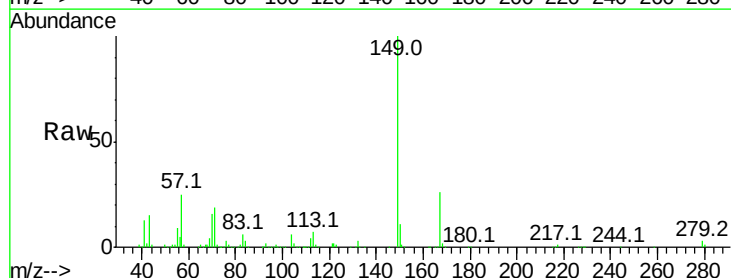
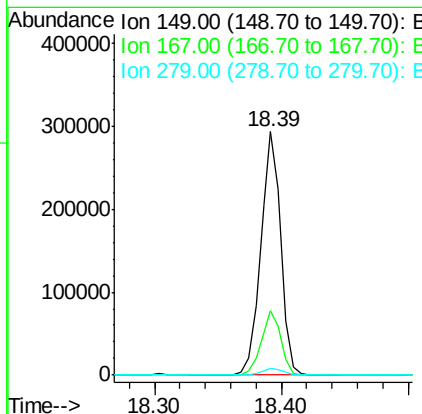
RT: 18.39 min Scan# 2857

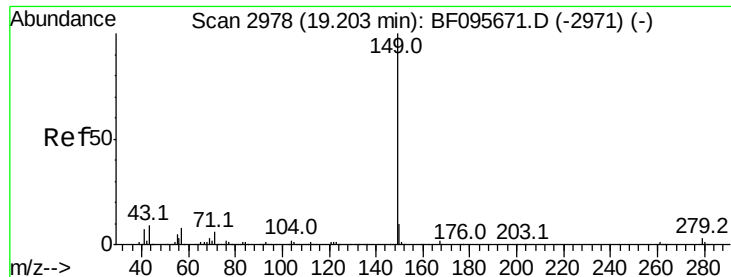
Delta R.T. -0.05 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion:	149	Resp:	322678
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.0	31.4
279	2.8	1.9	2.9





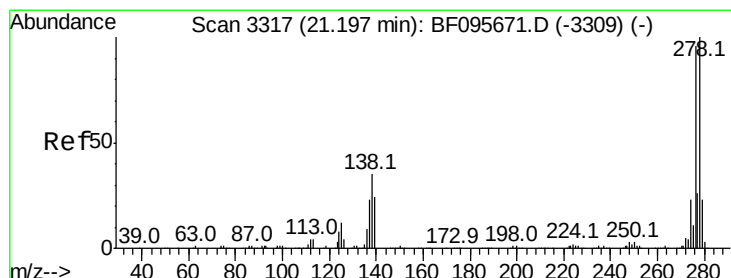
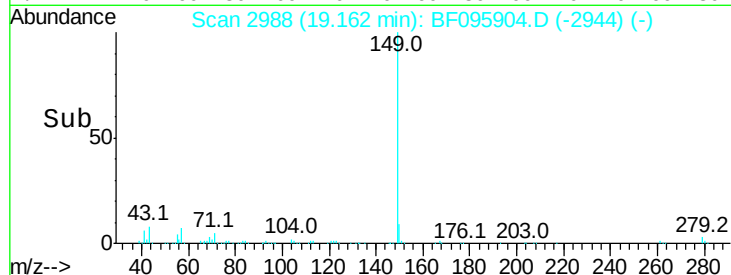
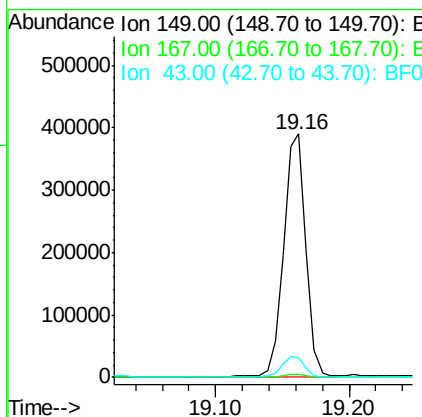
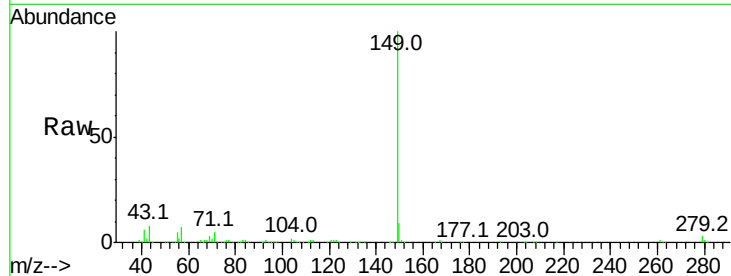
#84
Di-n-octyl phthalate
Concen: 45.01 ng
RT: 19.16 min Scan# 2988
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	453890		
167	1.6		1.2	1.8
43	8.7		8.5	12.7

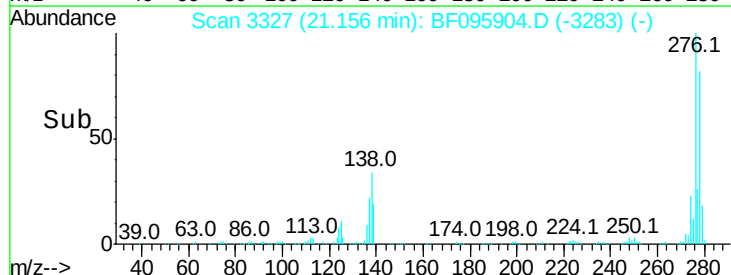
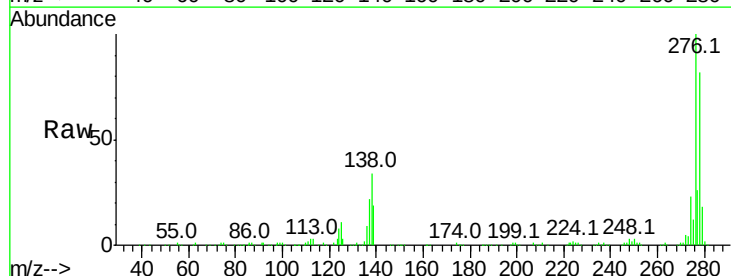
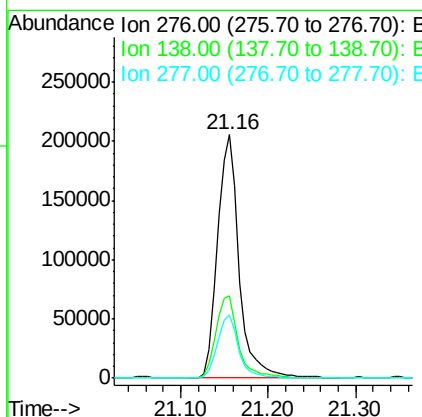
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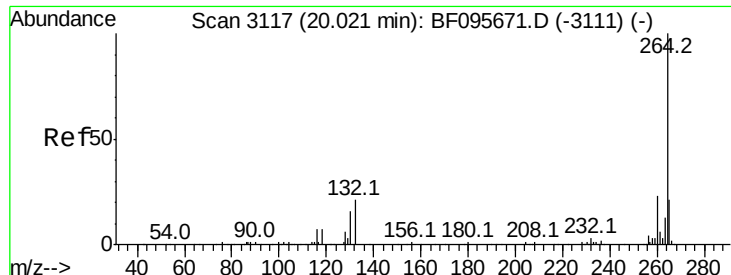
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 52.79 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	349386		
138	35.5		27.8	41.6
277	25.8		20.2	30.4





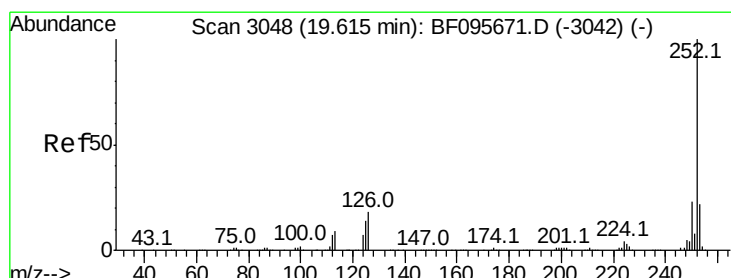
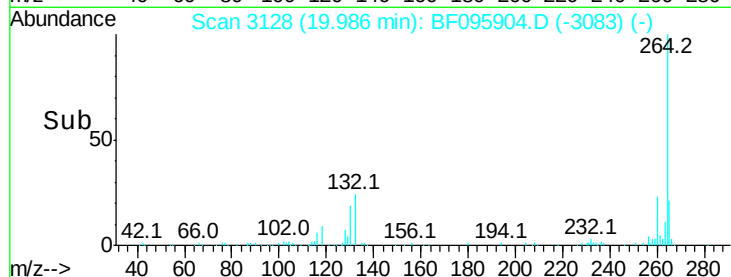
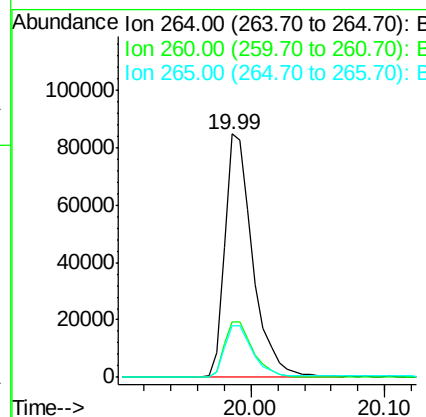
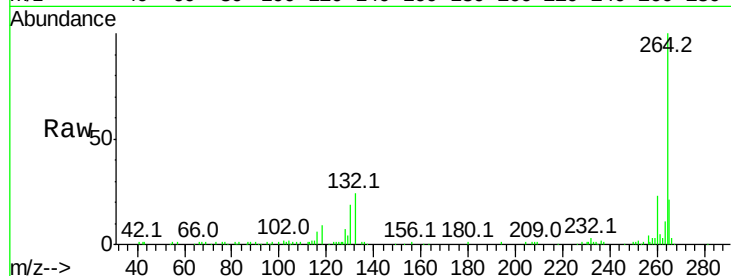
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.3	17.2	25.8

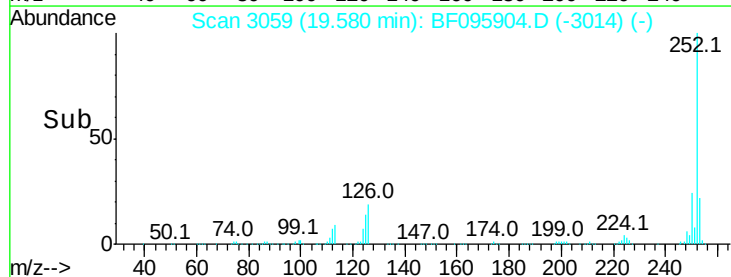
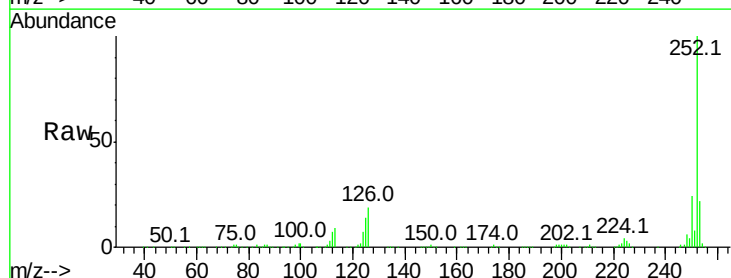
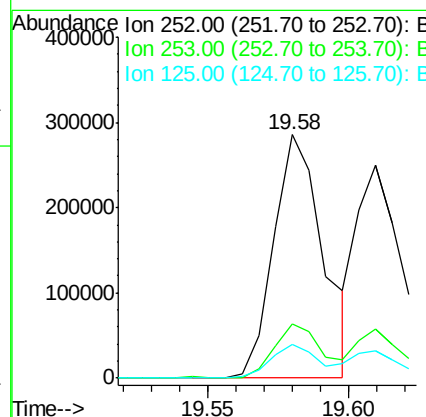
Manual Integrations
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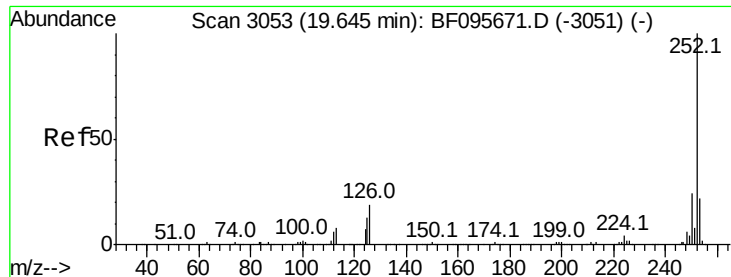
mohammad
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#87
Benzo(b)fluoranthene
Concen: 44.41 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.0	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 39.28 ng/mL

RT: 19.61 min Scan# 3064

Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Instrument :

BNA_F

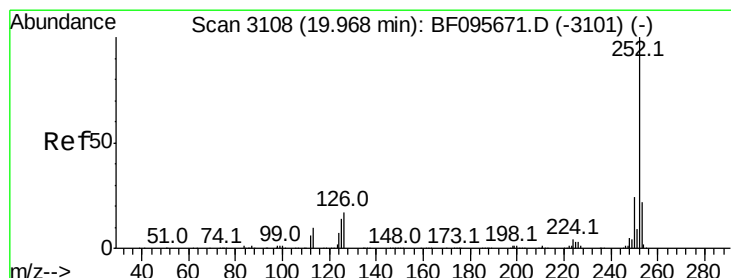
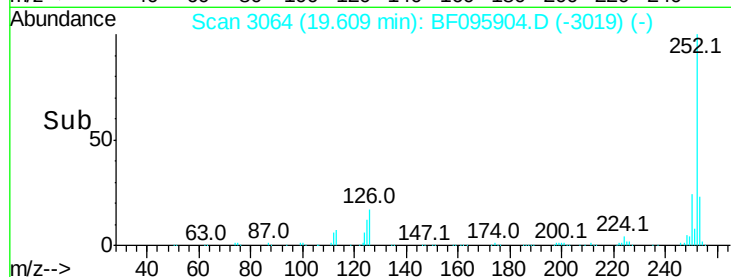
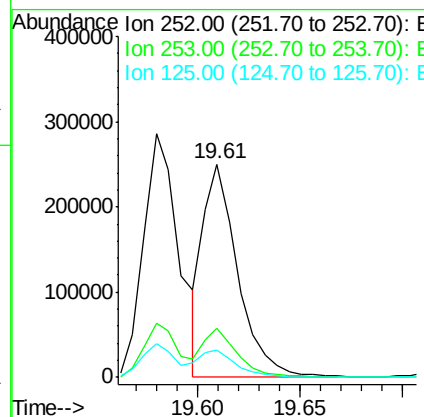
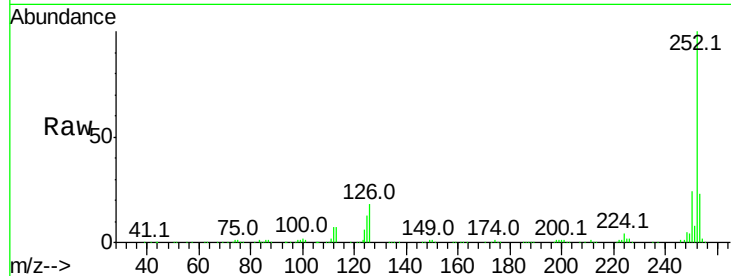
ClientSampleId :

RO-VNJ217MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	293865		
253	22.9	18.4	27.6	
125	12.8	13.1	19.7	

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6/14/2017 4:24:44 PM



#89

Benzo(a)pyrene

Concen: 44.15 ng/mL

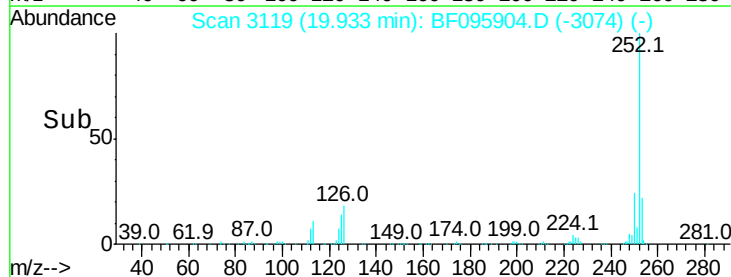
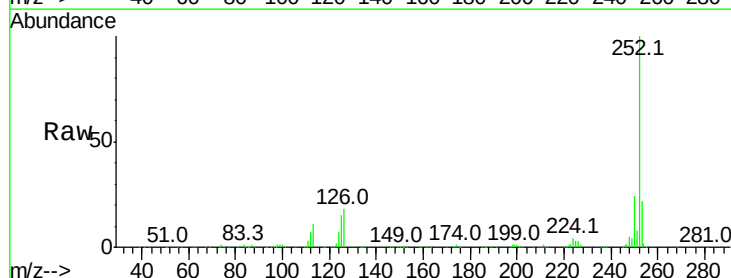
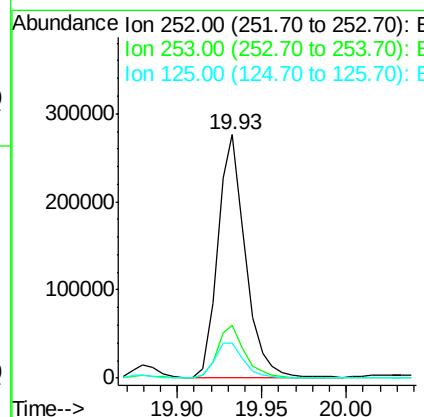
RT: 19.93 min Scan# 3119

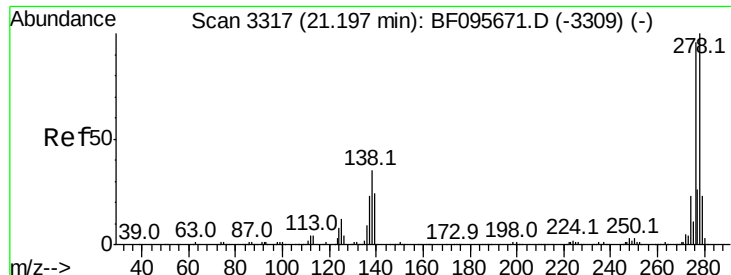
Delta R.T. -0.04 min

Lab File: BF095904.D

Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	317636		
253	21.6	17.5	26.3	
125	14.6	11.0	16.4	





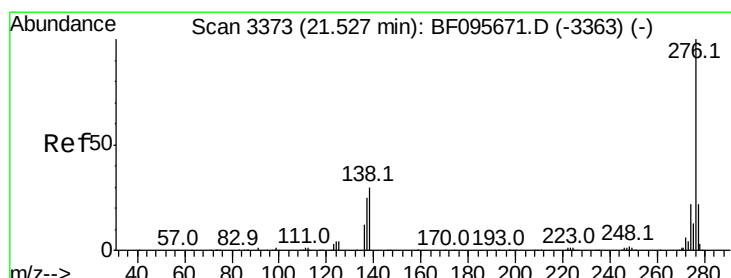
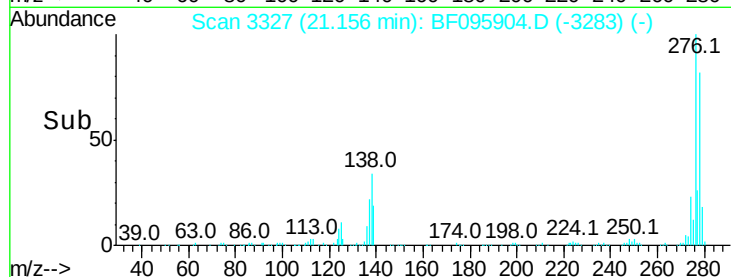
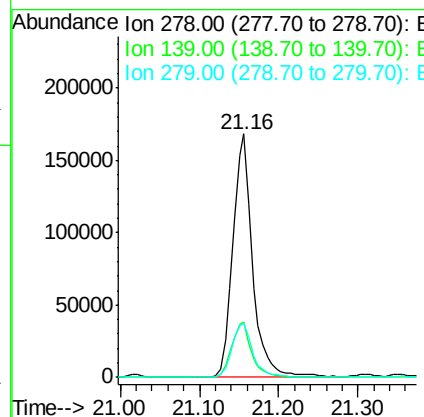
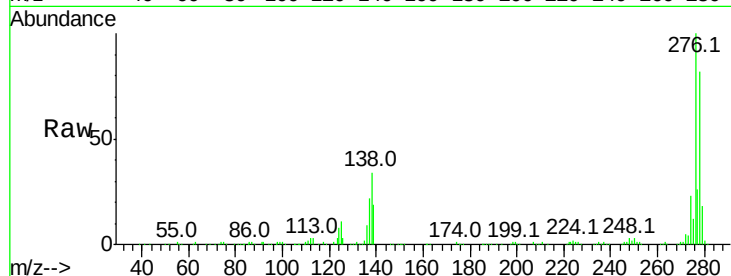
#90
Dibenzo(a,h)anthracene
Concen: 47.35 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	22.3	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 49.20 ng
RT: 21.48 min Scan# 3382
Delta R.T. -0.05 min
Lab File: BF095904.D
Acq: 13 Jun 2017 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	31.3	25.4	38.0

