

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094486.D
 Acq On : 18 Apr 2017 14:51
 Operator : SJ/MA
 Sample : I2695-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Manual Integrations
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 4/19/2017 1:33:03 PM

Quant Time: Apr 19 06:59:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	127592	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	535066	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	246429	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	457222	20.00	ng	0.00
75) Chrysene-d12	14.47	240	335333	20.00	ng	0.00
86) Perylene-d12	16.09	264	247563	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	757374	98.48	ng	0.03
7) Phenol-d6	5.41	99	922539	101.75	ng	0.01
23) Nitrobenzene-d5	6.42	82	614046	70.86	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	208933	108.39	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1058540	63.20	ng	0.00
78) Terphenyl-d14	13.20	244	988783	78.82	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	107377	24.01	ng	98
3) Pyridine	2.65	79	255556	26.14	ng	100
4) n-Nitrosodimethylamine	2.60	42	132979	32.88	ng	90
6) Aniline	5.40	93	314485	26.10	ng	# 89
8) 2-Chlorophenol	5.55	128	300728	34.36	ng	93
9) Benzaldehyde	5.27	77	57228	8.30	ng	94
10) Phenol	5.42	94	374389	33.61	ng	90
11) bis(2-Chloroethyl)ether	5.48	93	268895	33.05	ng	99
12) 1,3-Dichlorobenzene	5.71	146	313942	32.38	ng	99
13) 1,4-Dichlorobenzene	5.80	146	319529	32.76	ng	99
14) 1,2-Dichlorobenzene	5.97	146	308708	34.36	ng	98
15) Benzyl Alcohol	5.95	79	242002	35.98	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	388318	36.40	ng	89
17) 2-Methylphenol	6.10	107	246439	35.76	ng	94
18) Hexachloroethane	6.35	117	112792	33.73	ng	# 85
19) n-Nitroso-di-n-propylamine	6.26	70	215926	35.94	ng	97
20) 3+4-Methylphenols	6.28	107	345362	36.88	ng	# 63
22) Acetophenone	6.25	105	428033	32.90	ng	# 85
24) Nitrobenzene	6.44	77	295523	32.39	ng	95
25) Isophorone	6.73	82	570795	35.53	ng	97
26) 2-Nitrophenol	6.82	139	164409	33.54	ng	97
27) 2,4-Dimethylphenol	6.90	122	256902	32.26	ng	99
28) bis(2-Chloroethoxy)methane	7.00	93	363876	35.02	ng	99
29) 2,4-Dichlorophenol	7.12	162	265031	35.78	ng	99
30) 1,2,4-Trichlorobenzene	7.21	180	254914	33.28	ng	99
31) Naphthalene	7.30	128	866538	33.69	ng	100
32) Benzoic acid	7.01	122	24337m	5.78	ng	
33) 4-Chloroaniline	7.37	127	241299	22.55	ng	# 94
34) Hexachlorobutadiene	7.45	225	122695	32.13	ng	98
35) Caprolactam	7.81	113	77468m	33.29	ng	
36) 4-Chloro-3-methylphenol	7.99	107	255592	32.92	ng	88
37) 2-Methylnaphthalene	8.14	142	577085	32.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	220796	31.46	ng	99
40) Hexachlorocyclopentadiene	8.33	237	186216	65.60	ng	99

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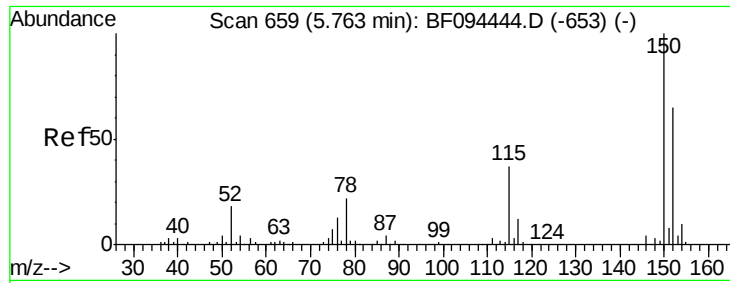
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	161311	32.73	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	167974	33.19	nq	95
45) 1,1'-Biphenyl	8.71	154	650284	32.30	nq	98
46) 2-Chloronaphthalene	8.72	162	524389	32.76	nq	94
47) 2-Nitroaniline	8.86	65	156851	34.06	nq	# 85
48) Acenaphthylene	9.23	152	851408	34.12	nq	98
49) Dimethylphthalate	9.11	163	1108159	60.34	nq	98
50) 2,6-Dinitrotoluene	9.17	165	151949	36.86	nq	92
51) Acenaphthene	9.44	154	519379	34.75	nq	100
52) 3-Nitroaniline	9.37	138	134180	28.13	nq	92
53) 2,4-Dinitrophenol	9.51	184	76205	37.38	nq	# 64
54) Dibenzofuran	9.65	168	758914	34.93	nq	99
55) 4-Nitrophenol	9.63	139	236022	70.05	nq	# 76
56) 2,4-Dinitrotoluene	9.66	165	189690	37.50	nq	# 73
57) Fluorene	10.08	166	601276	35.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	135902	37.47	nq	95
59) Diethylphthalate	9.97	149	639872	36.93	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	254758	36.18	nq	92
61) 4-Nitroaniline	10.12	138	160090	33.02	nq	96
62) Azobenzene	10.28	77	608030	36.14	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	82727	27.62	nq	# 68
65) n-Nitrosodiphenylamine	10.24	169	541881	34.08	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	156459	34.46	nq	96
67) Hexachlorobenzene	10.75	284	154079	33.68	nq	# 91
68) Atrazine	10.91	200	168257	35.37	nq	98
69) Pentachlorophenol	11.01	266	127729	70.31	nq	98
70) Phenanthrene	11.25	178	877886	34.10	nq	97
71) Anthracene	11.31	178	913619	34.30	nq	98
72) Carbazole	11.52	167	856998	34.28	nq	99
73) Di-n-butylphthalate	11.97	149	1024210	37.21	nq	99
74) Fluoranthene	12.71	202	901340	33.78	nq	98
76) Benzidine	12.88	184	105145	7.74	nq	# 92
77) Pyrene	12.98	202	909433	38.82	nq	99
79) Butylbenzylphthalate	13.81	149	407341	39.67	nq	# 84
80) Benzo(a)anthracene	14.45	228	669469	34.35	nq	98
81) 3,3'-Dichlorobenzidine	14.43	252	161622	23.42	nq	98
82) Chrysene	14.50	228	614196	34.48	nq	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	551048	39.97	nq	# 98
84) Di-n-octyl phthalate	15.28	149	793705	34.32	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	578196	34.11	nq	99
87) Benzo(b)fluoranthene	15.69	252	500000	33.02	nq	98
88) Benzo(k)fluoranthene	15.72	252	496541	34.65	nq	96
89) Benzo(a)pyrene	16.03	252	480720	34.12	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	484554	41.42	nq	99
91) Benzo(g,h,i)perylene	17.74	276	499776	41.96	nq	97

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



#1

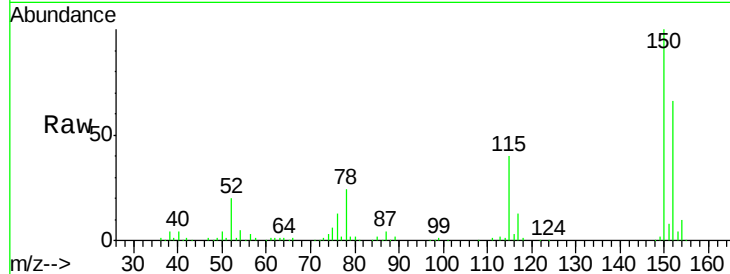
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

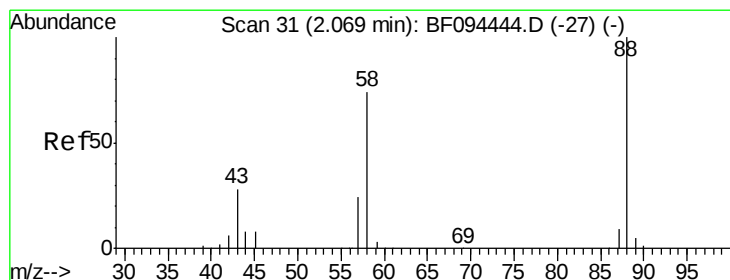
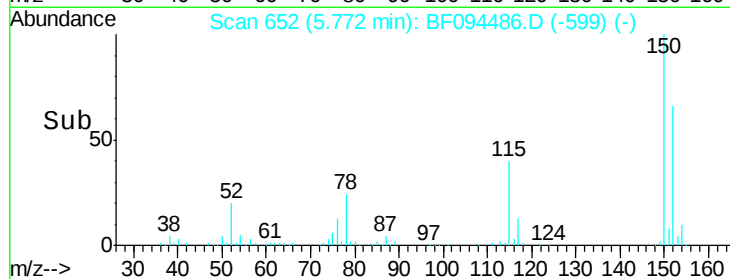
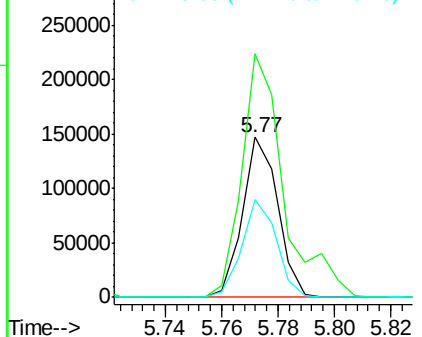
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	60.8	52.2	78.2

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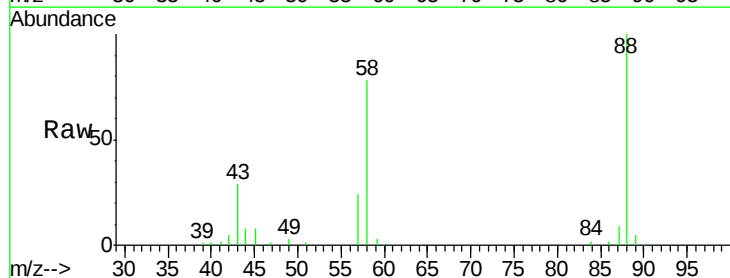
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



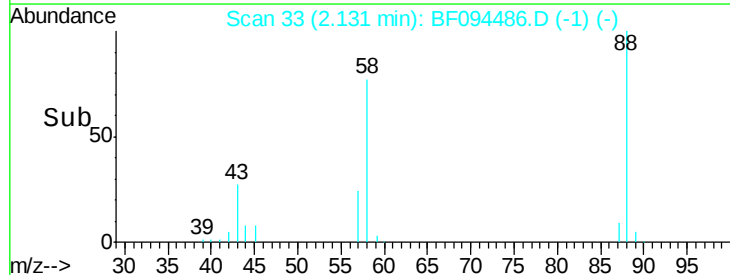
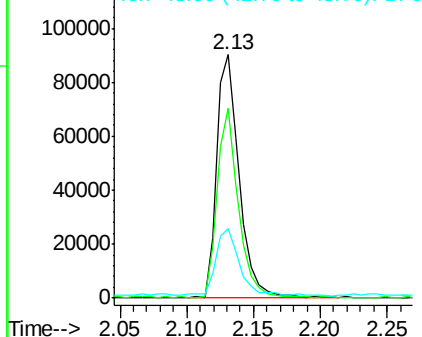
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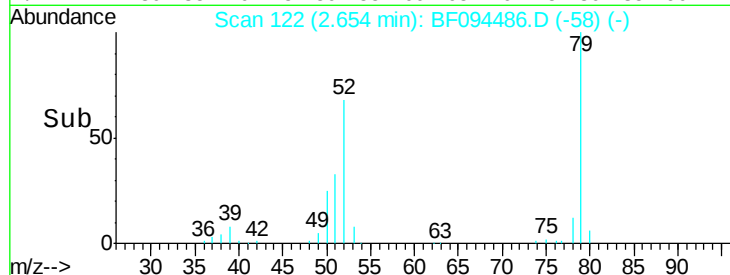
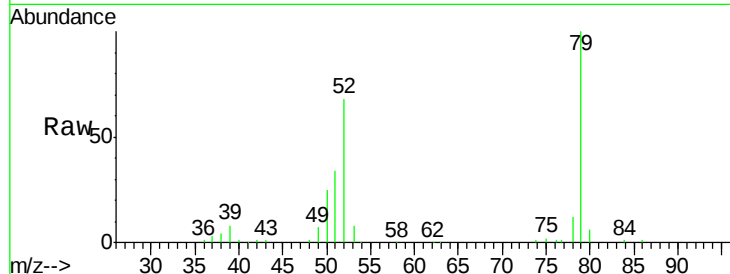
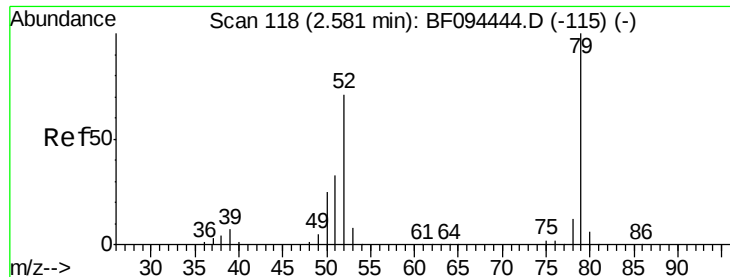
1,4-Dioxane
Concen: 24.01 ng
RT: 2.13 min Scan# 33
Delta R.T. 0.06 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	61.4	92.0
43	29.5	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





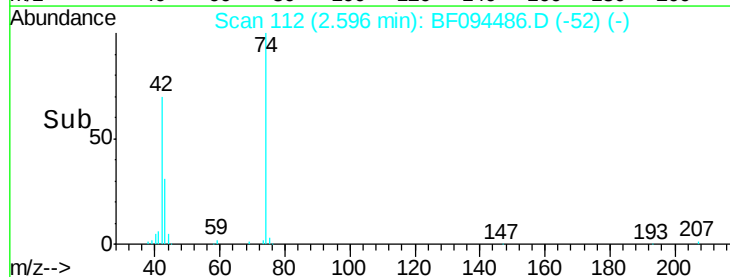
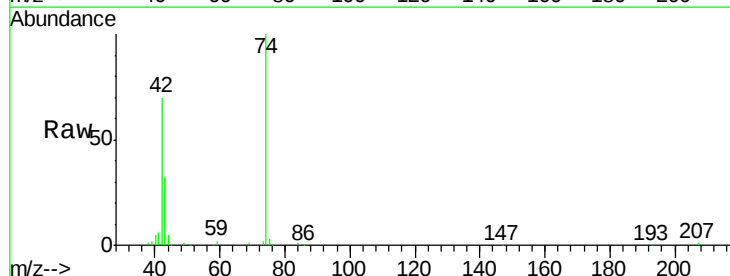
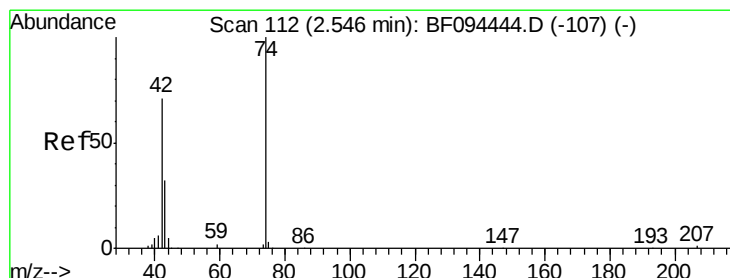
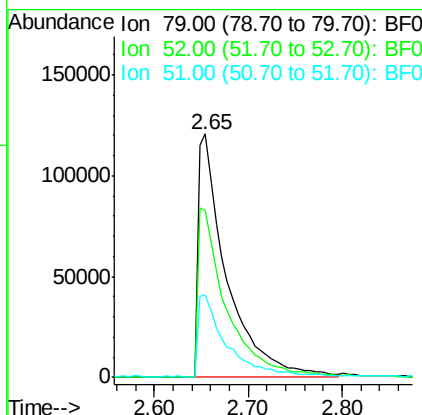
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 Pvridine
 Concen: 26.14 ng
 RT: 2.65 min Scan# 122
 Delta R.T. 0.07 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tot Ion:	79	Resp:	255556
Ion Ratio	Lower	Upper	
79	100		
52	68.4	54.8	82.2
51	33.6	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
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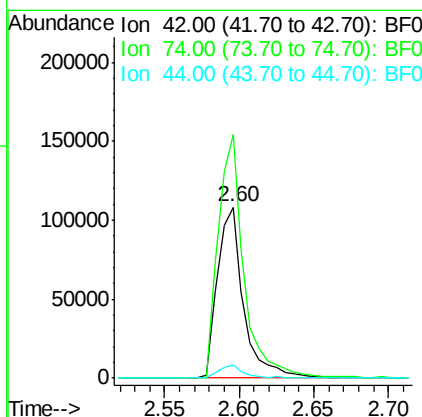
Manual Integrations
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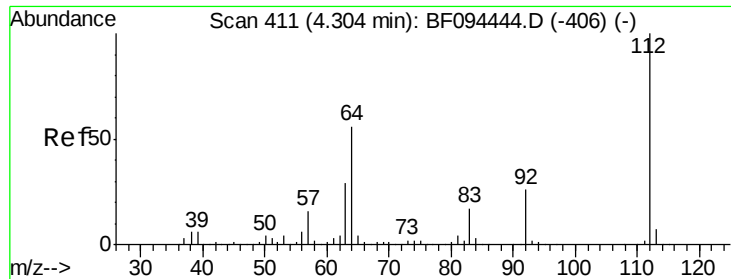
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#4
 n-Nitrosodimethylamine
 Concen: 32.88 ng
 RT: 2.60 min Scan# 112
 Delta R.T. 0.05 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:	42	Resp:	132979
Ion Ratio	Lower	Upper	
42	100		
74	142.5	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 98.48 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

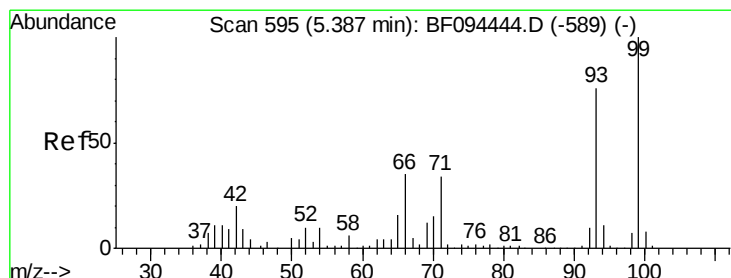
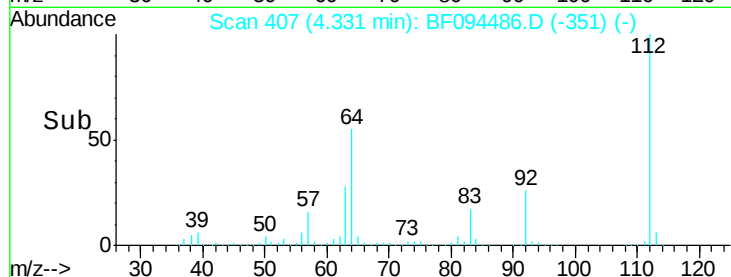
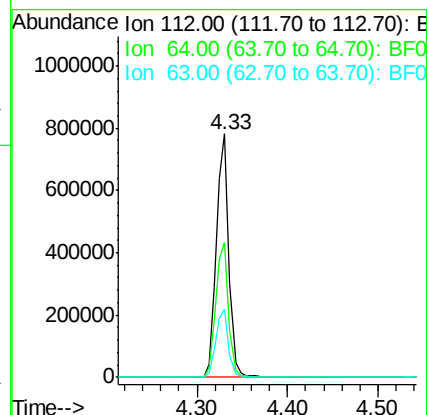
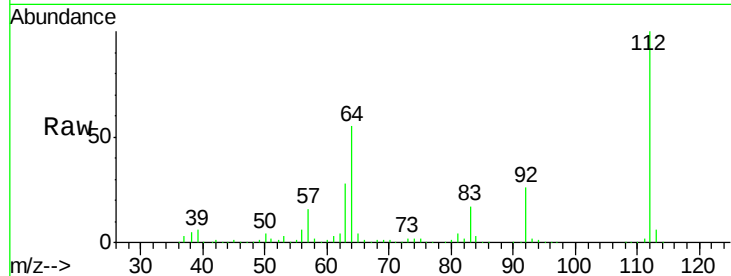
ClientSampleId :

49C-9-11MS

Tot Ion:	112	Resp:	757374
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.0	69.0
63	27.9	23.4	35.0

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#6

Aniline

Concen: 26.10 ng

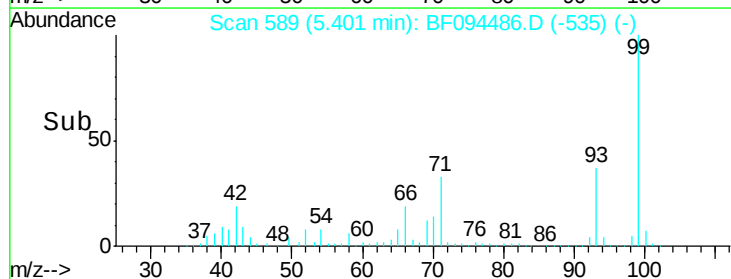
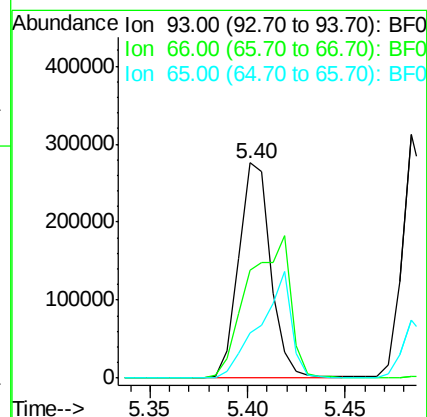
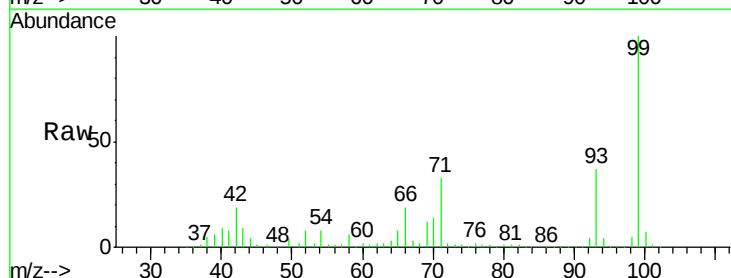
RT: 5.40 min Scan# 589

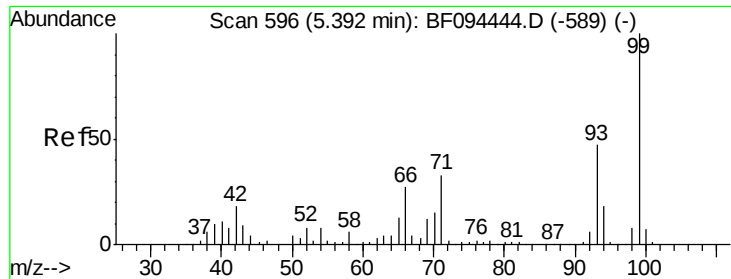
Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	93	Resp:	314485
Ion Ratio	Lower	Upper	
93	100		
66	50.4	32.9	49.3#
65	21.2	16.0	24.0





#7

Phenol-d6

Concen: 101.75 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

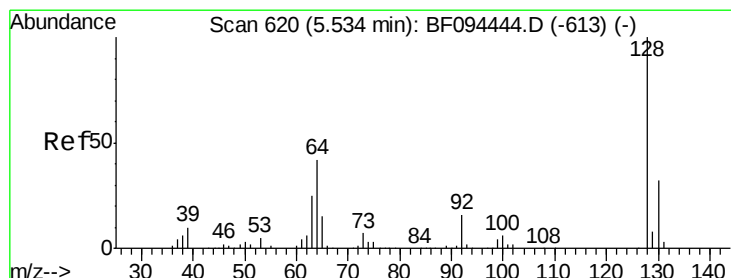
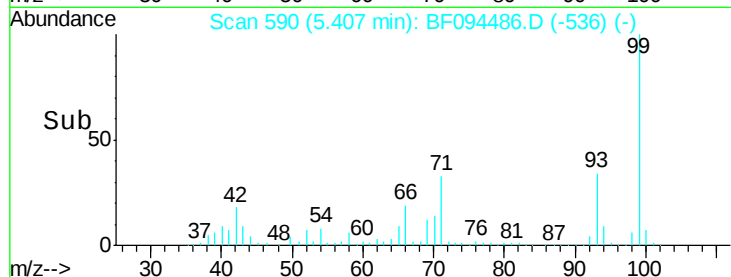
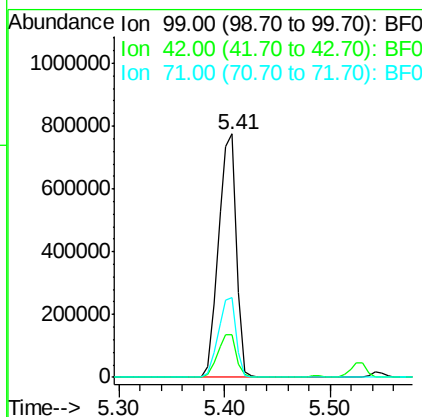
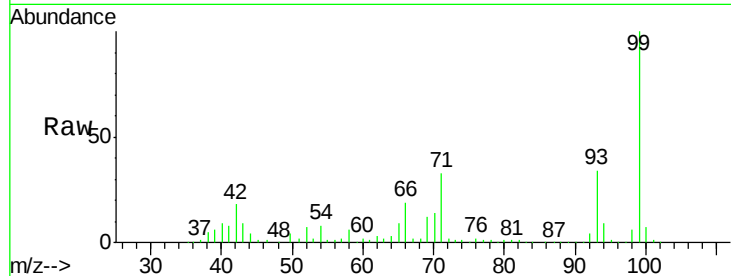
ClientSampleId :

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Tot Ion:	99	Resp:	922539
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.5	20.3
71	33.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 34.36 ng

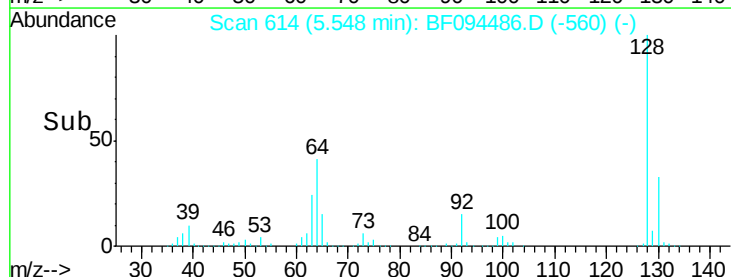
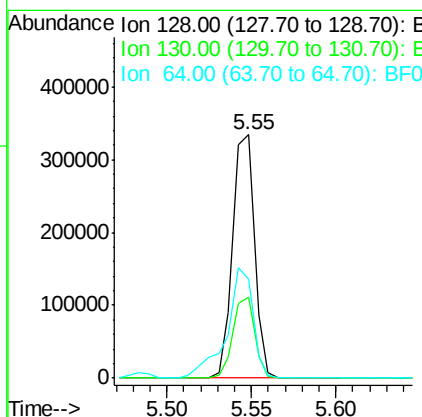
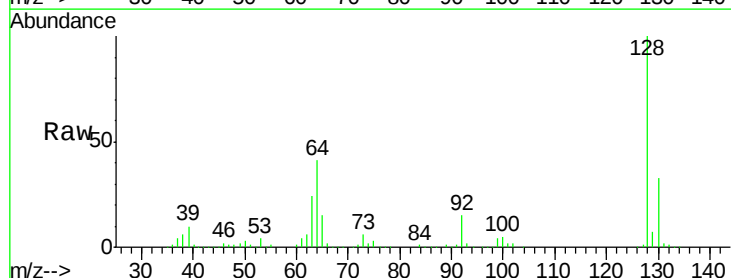
RT: 5.55 min Scan# 614

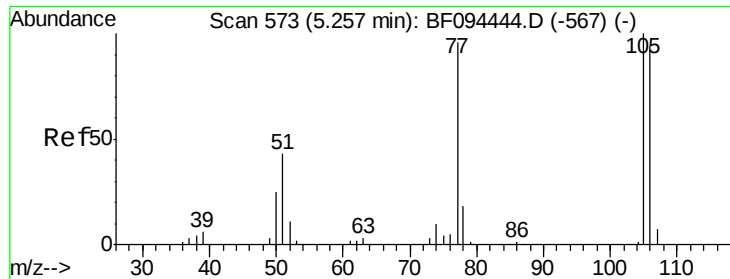
Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	128	Resp:	300728
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	40.6	28.4	68.4





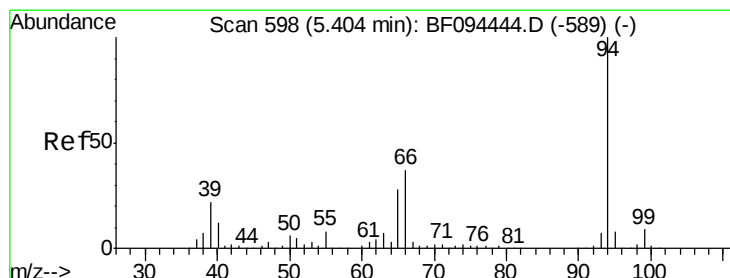
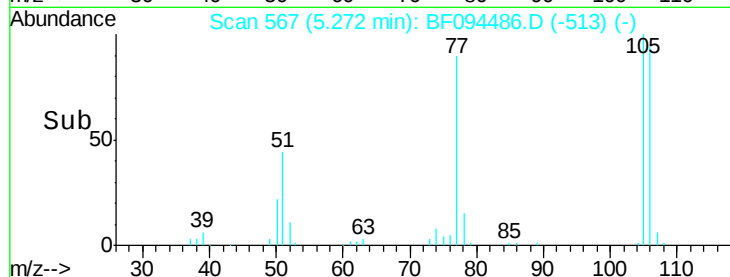
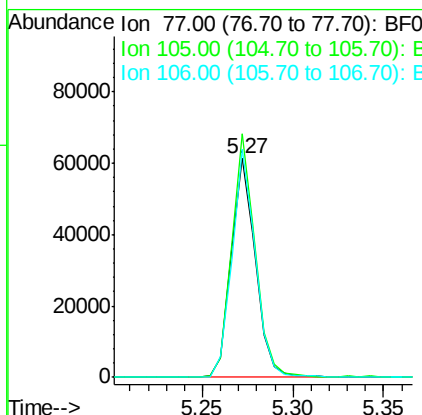
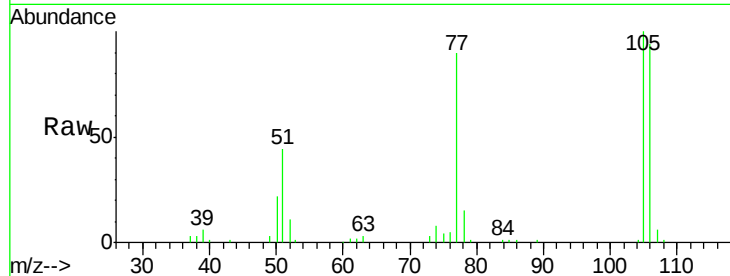
#9
Benzaldehyde
Concen: 8.30 ng
RT: 5.27 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF094486.D
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Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	111.1	83.8	123.8		
106	103.9	79.1	119.1		

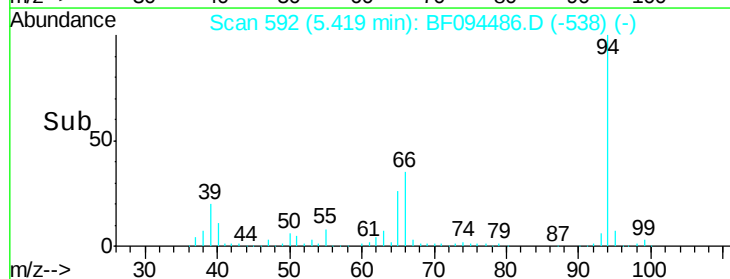
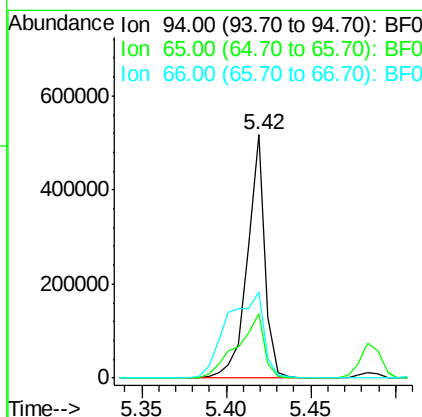
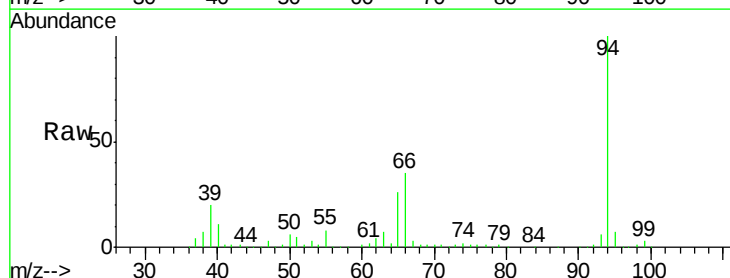
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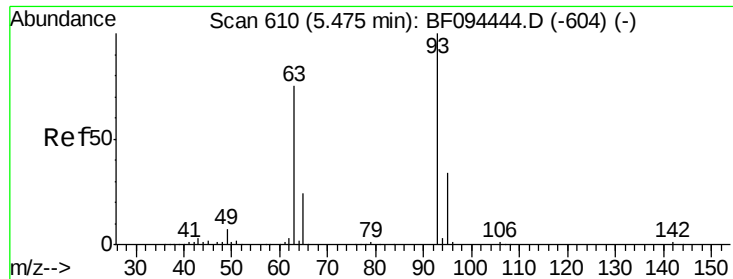
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4/19/2017 1:33:03 PM



#10
Phenol
Concen: 33.61 ng
RT: 5.42 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.5	9.9	49.9		
66	35.3	23.1	63.1		





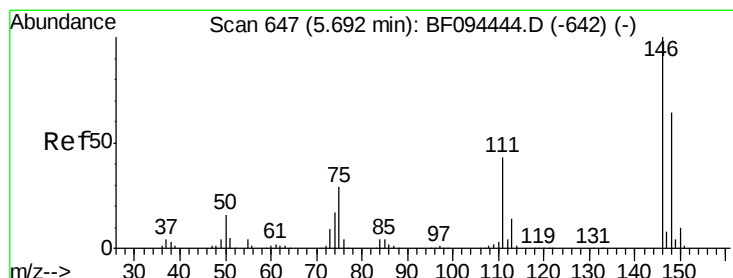
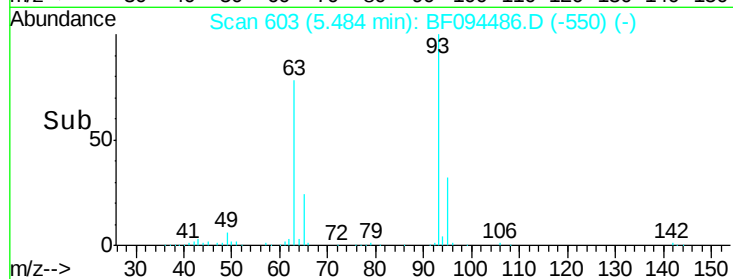
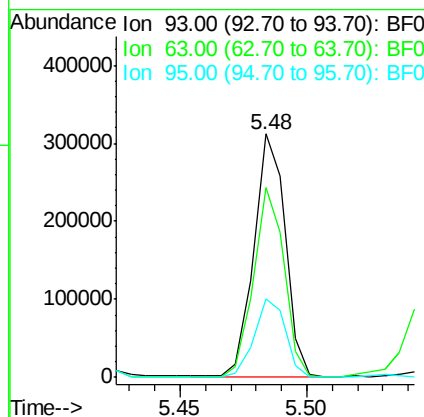
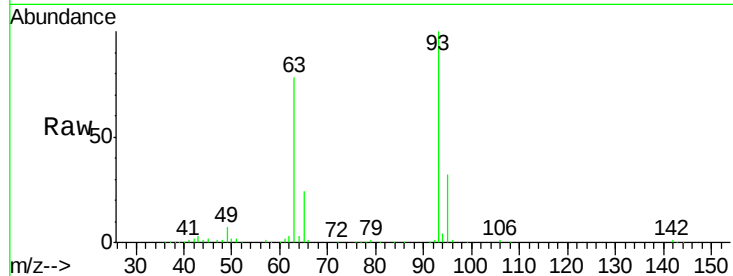
#11
bis(2-Chloroethyl)ether
Concen: 33.05 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	93	Resp	268895
Ion Ratio	Lower	Upper	
93	100		
63	78.2	59.2	99.2
95	32.1	12.8	52.8

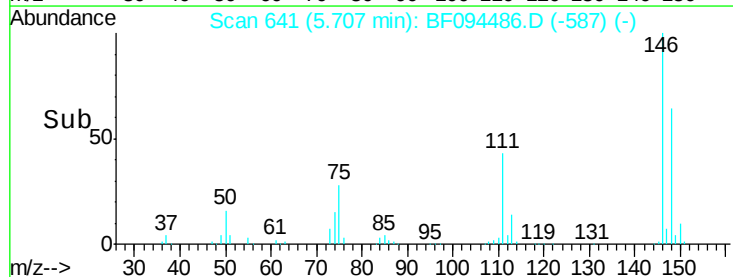
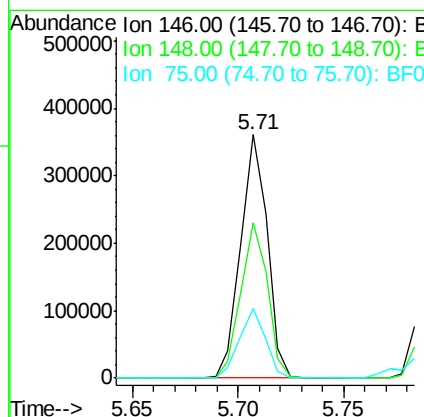
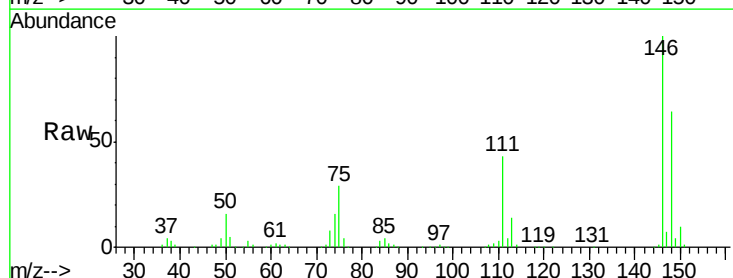
Manual Integrations
APPROVED

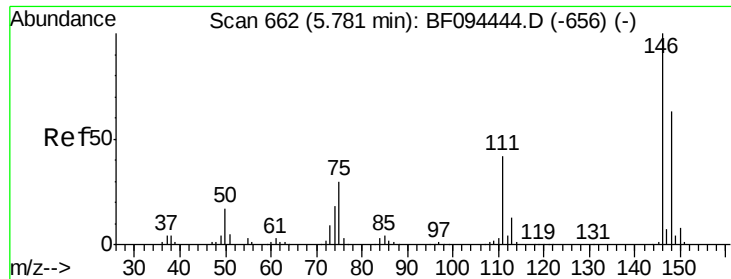
mohammad
4/19/2017 1:33:03 PM



#12
1,3-Dichlorobenzene
Concen: 32.38 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	146	Resp	313942
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	28.6	23.1	34.7





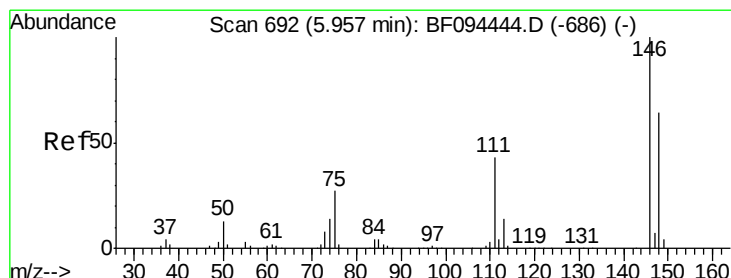
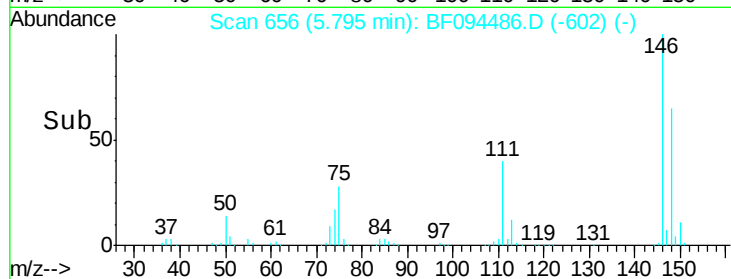
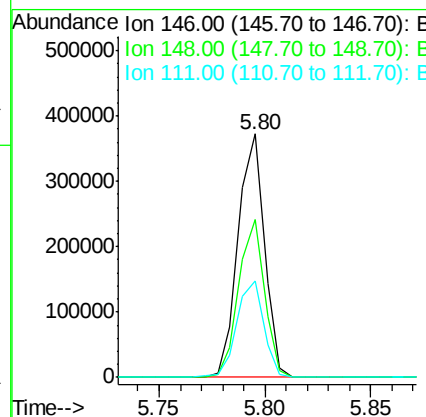
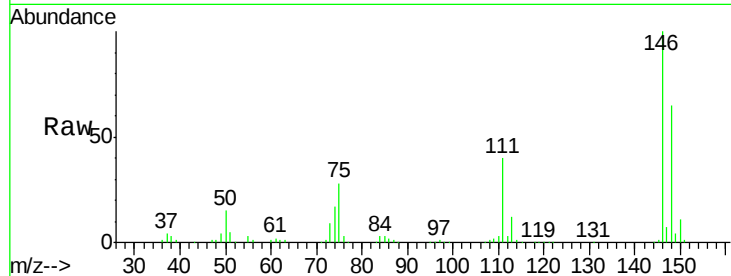
#13
 1,4-Dichlorobenzene
 Concen: 32.76 ng
 RT: 5.80 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	39.8	30.3	45.5

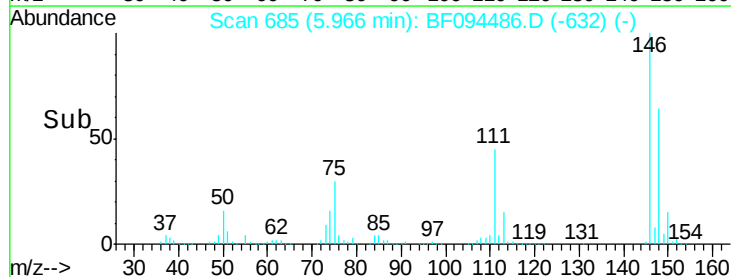
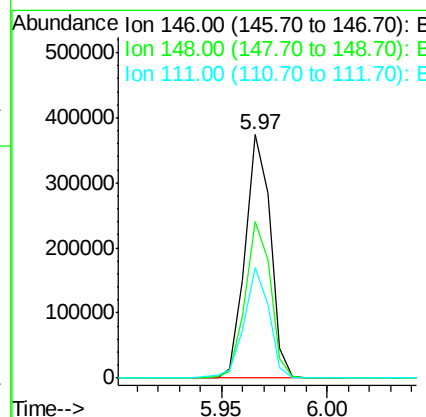
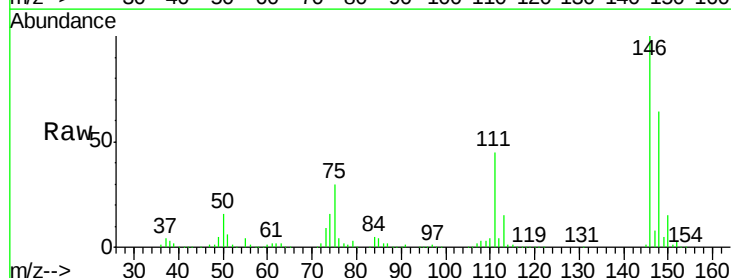
Manual Integrations
 APPROVED

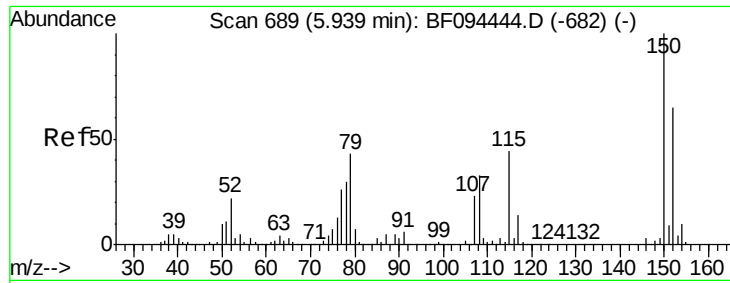
mohammad
 4/19/2017 1:33:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.36 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	45.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 35.98 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

49C-9-11MS

Tot Ion: 79 Resp: 242002

Ion Ratio Lower Upper

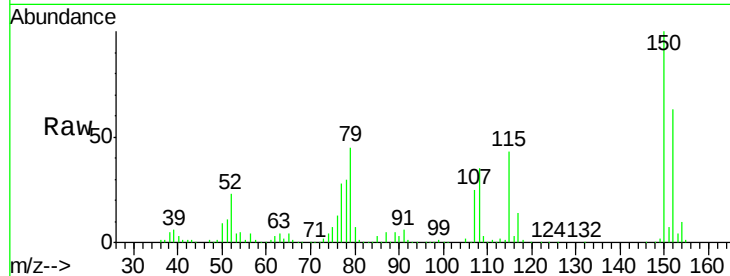
79 100

108 77.1 63.4 95.0

77 61.3 49.2 73.8

Manual Integrations
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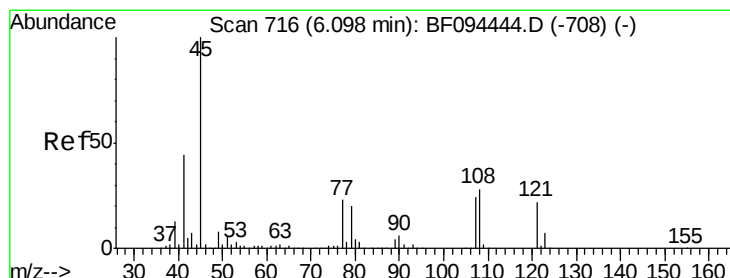
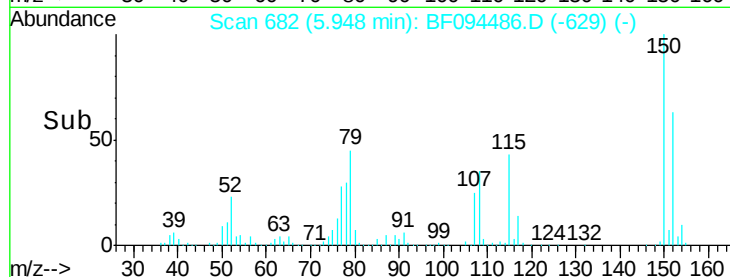
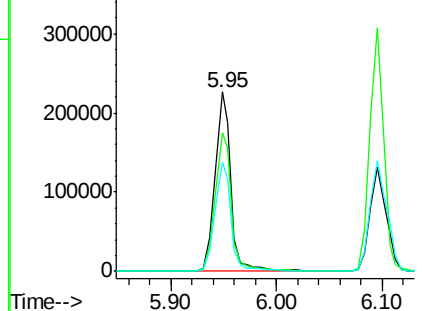
mohammad
4/19/2017 1:33:03 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.40 ng

RT: 6.11 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

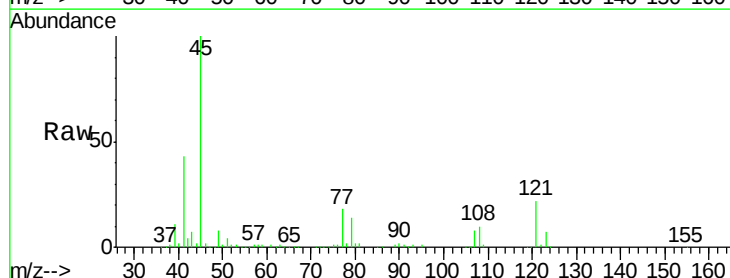
Tgt Ion: 45 Resp: 388318

Ion Ratio Lower Upper

45 100

77 17.8 0.0 33.2

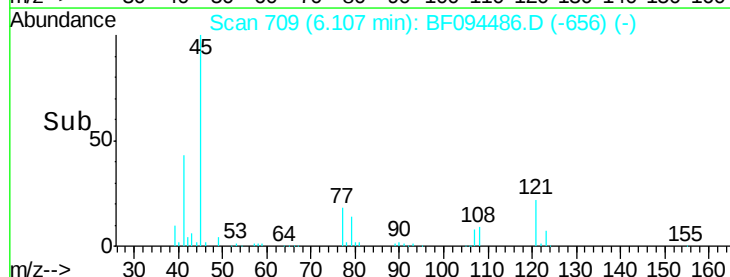
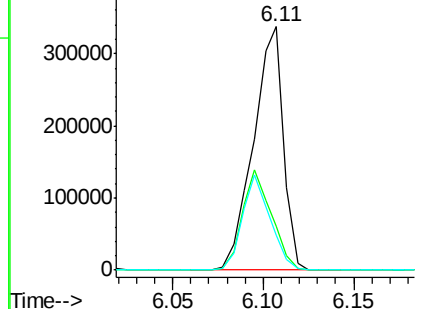
79 14.2 0.0 30.0

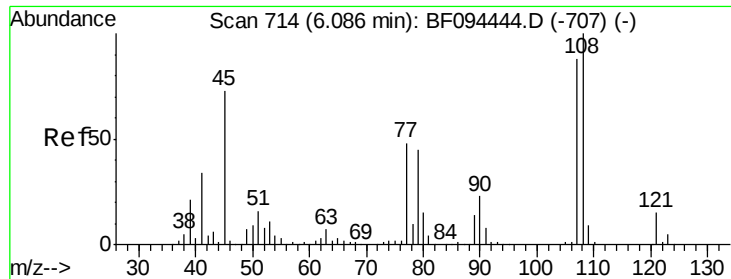


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





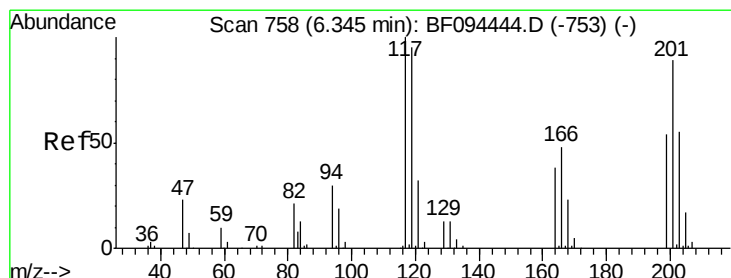
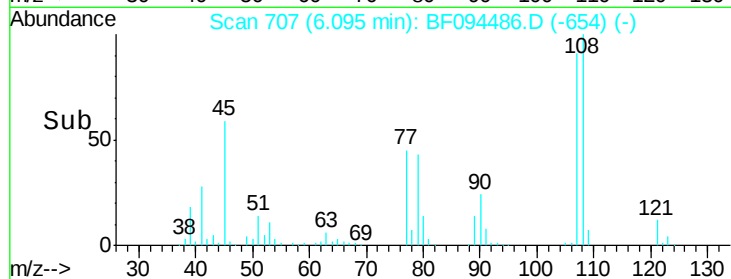
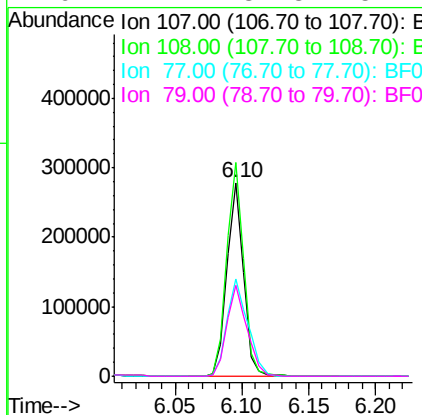
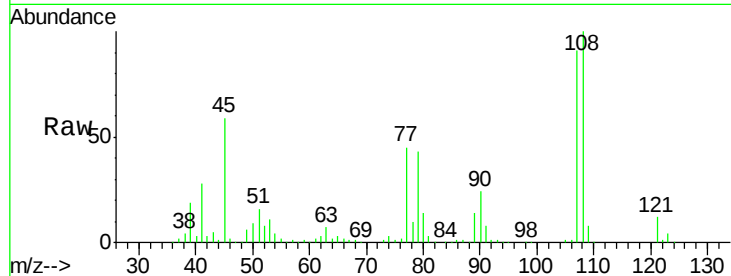
#17
2-Methylphenol
Concen: 35.76 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	246439		
108	110.3	93.4	140.0	
77	50.0	35.8	53.6	
79	47.1	34.8	52.2	

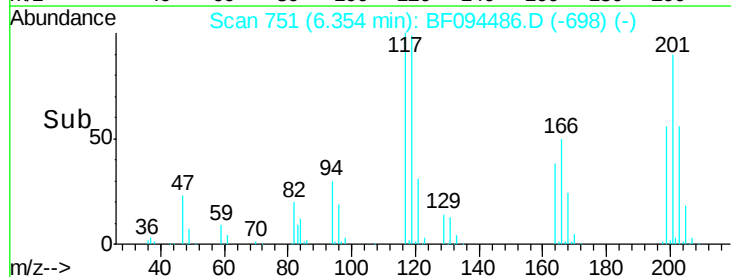
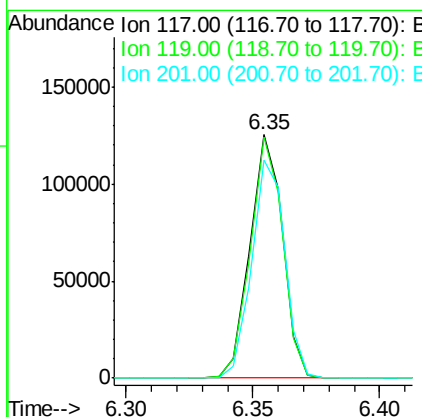
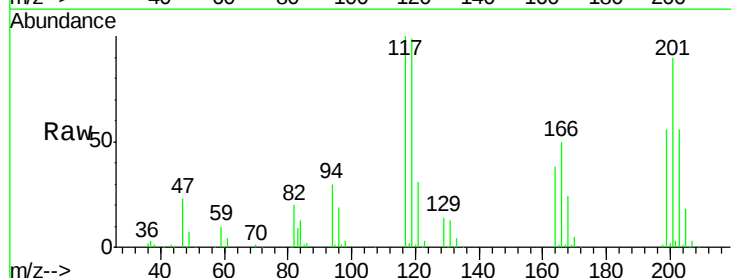
Manual Integrations
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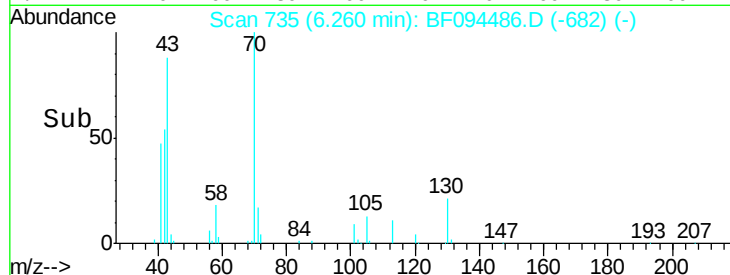
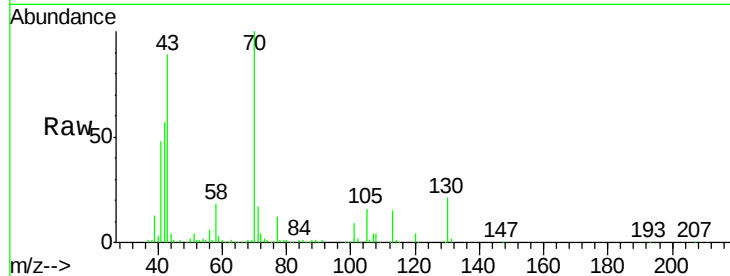
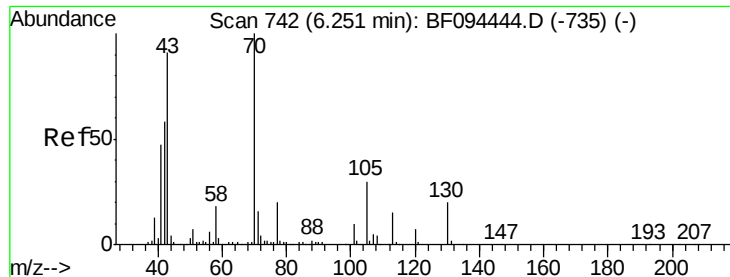
mohammad
4/19/2017 1:33:03 PM



#18
Hexachloroethane
Concen: 33.73 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112792		
119	98.8	77.4	116.0	
201	89.7	94.6	141.8#	





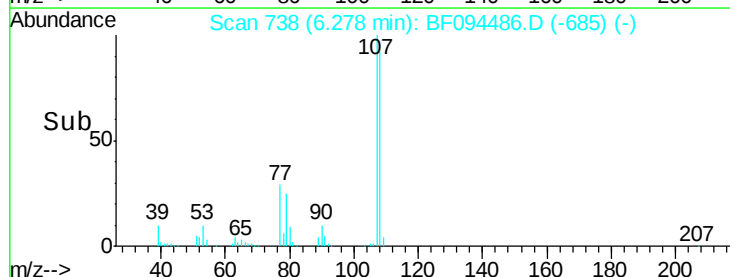
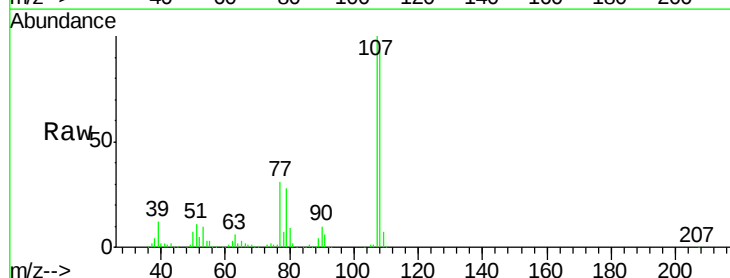
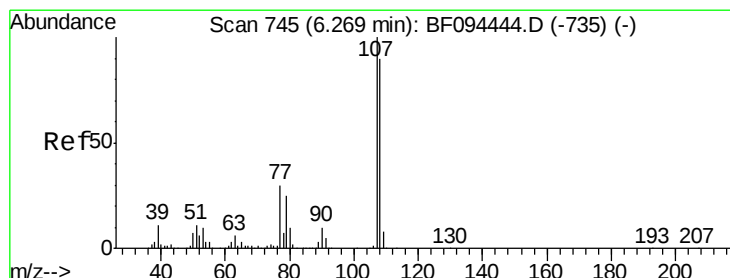
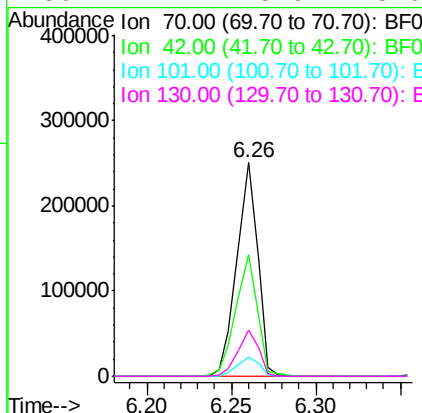
#19
n-Nitroso-di-n-propylamine
Concen: 35.94 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Manual Integrations
APPROVED

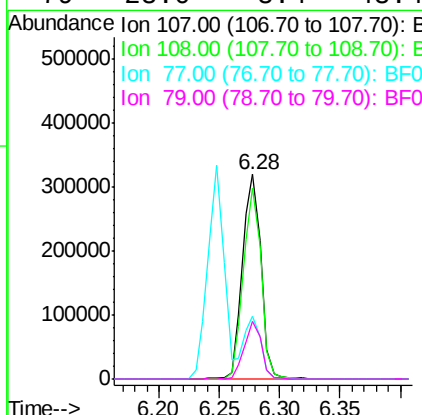
mohammad
4/19/2017 1:33:03 PM

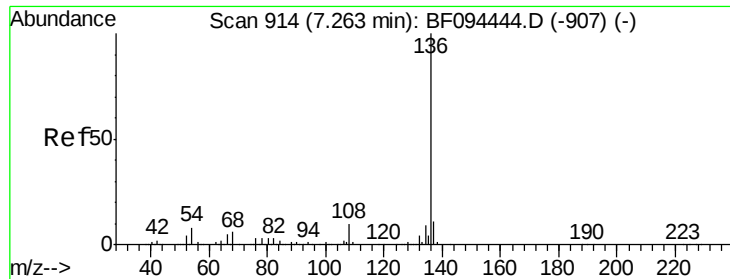
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.2	70.8
101	9.3	7.2	10.8
130	21.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 36.88 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	71.0	111.0
77	30.6	90.5	130.5#
79	28.0	8.4	48.4





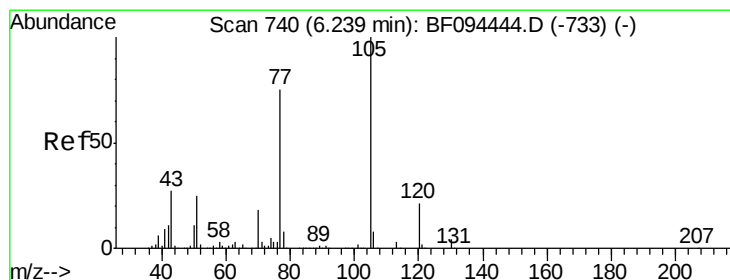
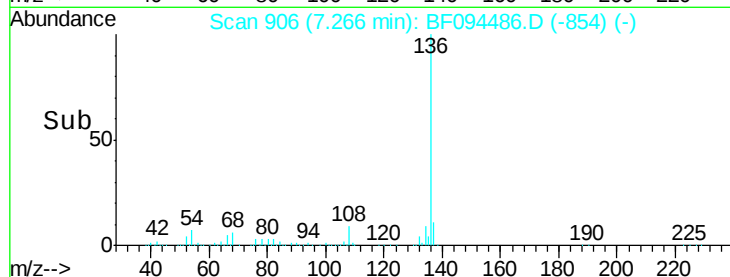
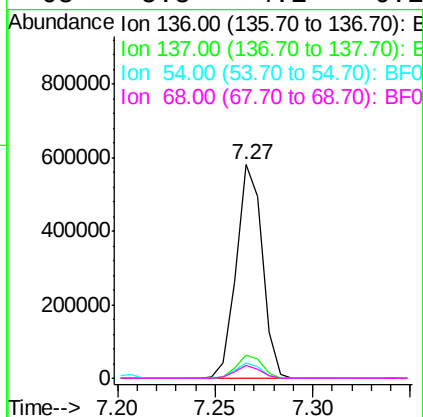
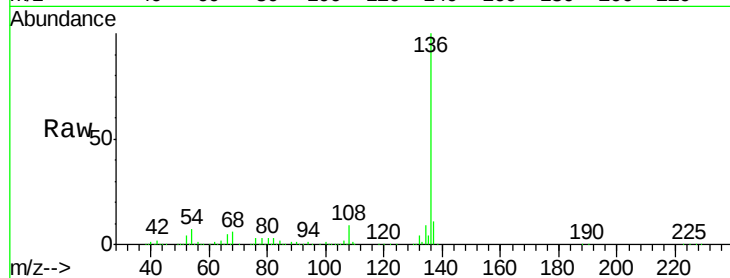
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.4	4.9	7.3#	
68	5.8	4.1	6.1	

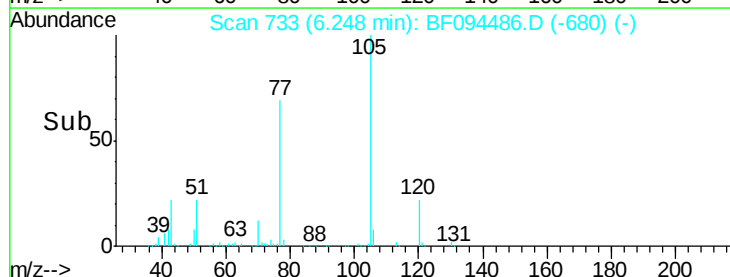
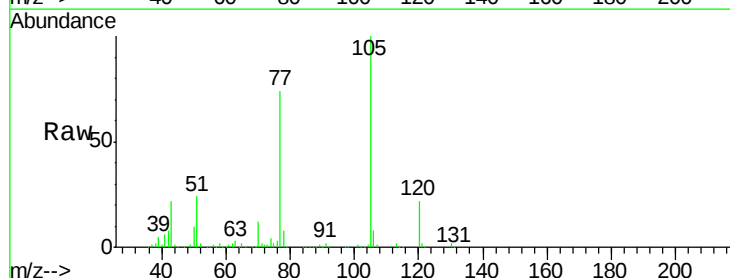
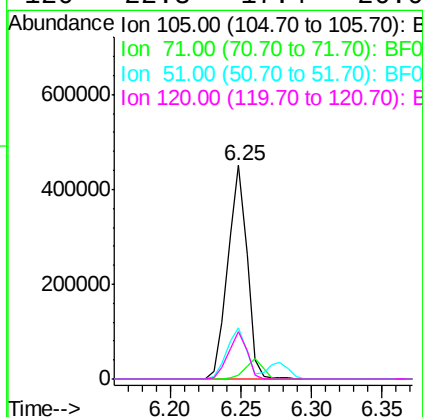
Manual Integrations
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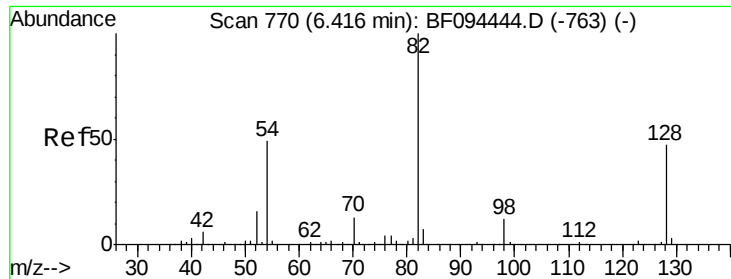
mohammad
4/19/2017 1:33:03 PM



#22
Acetophenone
Concen: 32.90 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.1	2.8	4.2#	
51	24.1	30.7	46.1#	
120	22.3	17.4	26.0	





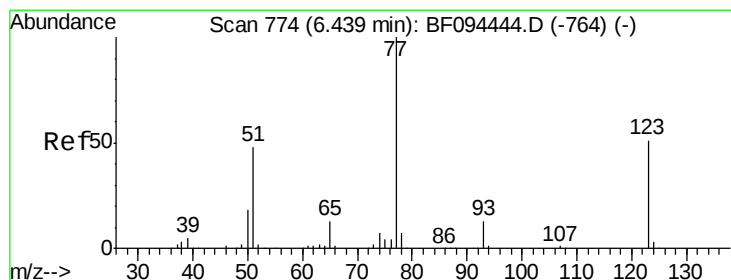
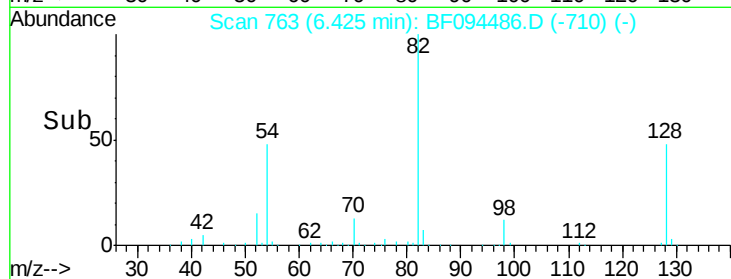
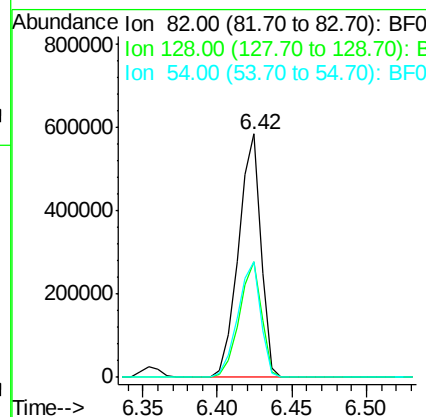
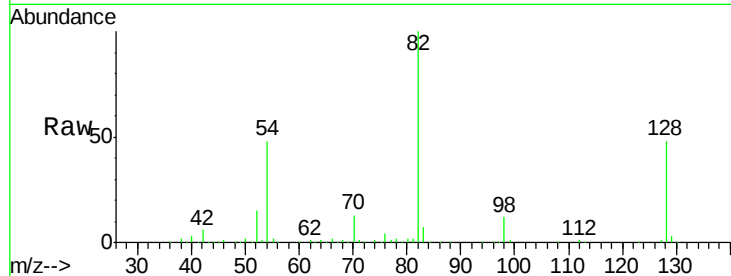
#23
 Nitrobenzene-d5
 Concen: 70.86 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	47.6	42.2	63.2

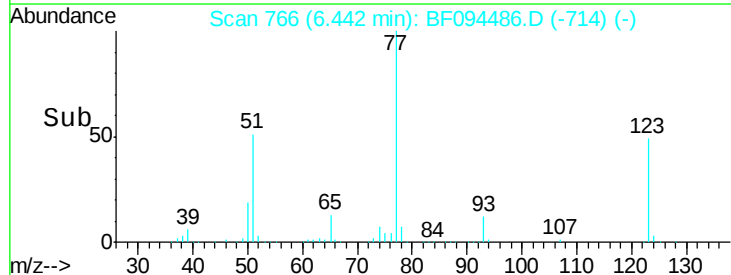
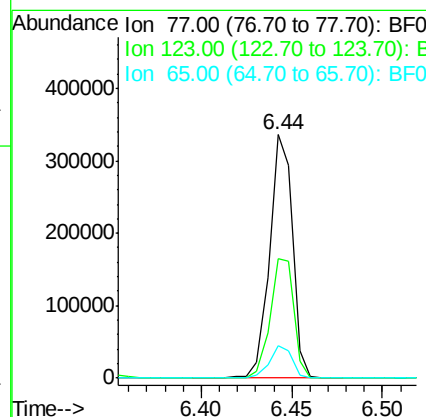
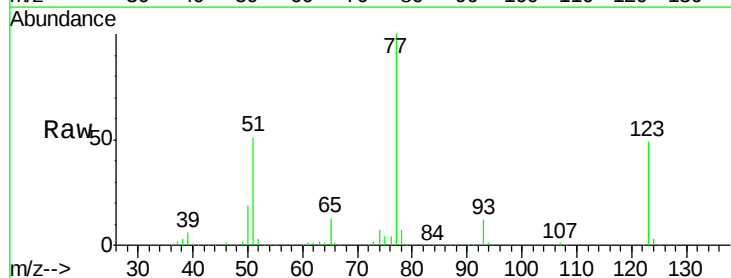
Manual Integrations
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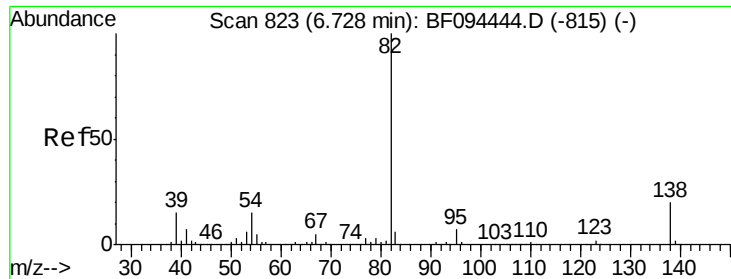
mohammad
 4/19/2017 1:33:03 PM



#24
 Nitrobenzene
 Concen: 32.39 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 35.53 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

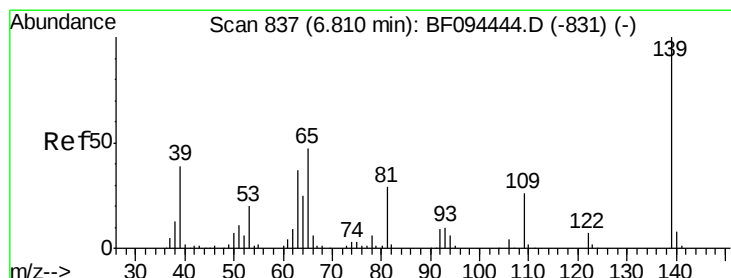
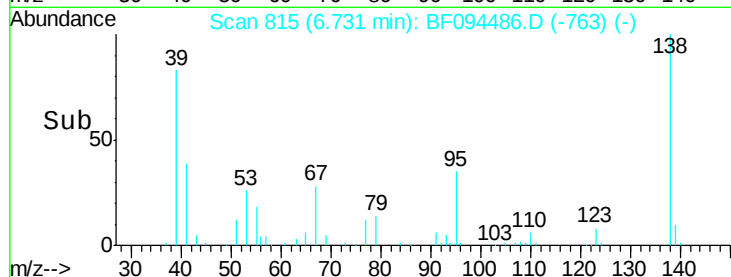
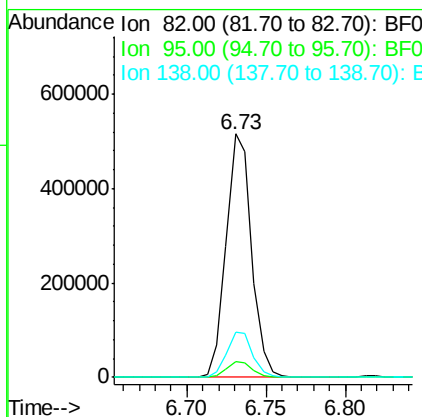
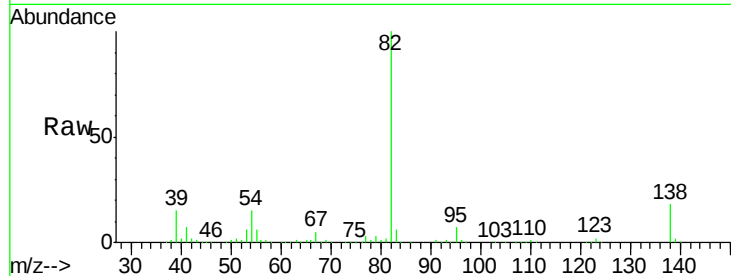
ClientSampleId :

49C-9-11MS

Tot Ion:	82	Resp:	570795
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.3	7.9
138	18.4	13.1	19.7

Manual Integrations
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mohammad
4/19/2017 1:33:03 PM



#26

2-Nitrophenol

Concen: 33.54 ng

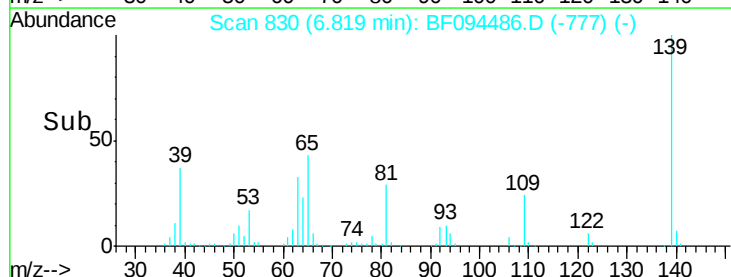
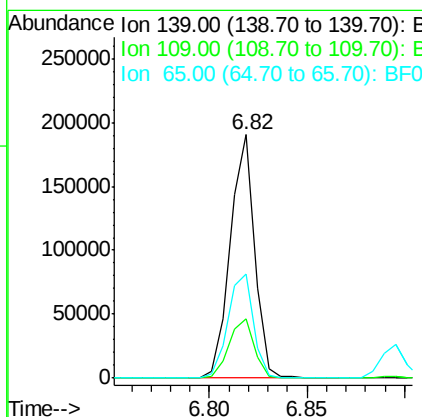
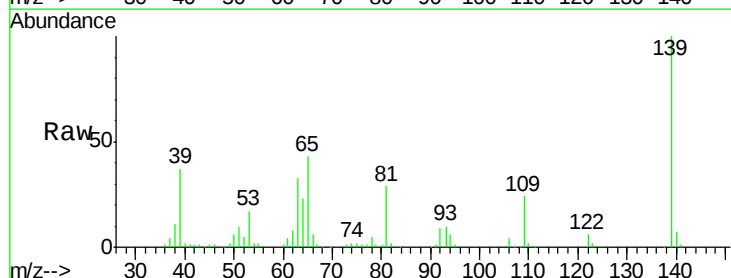
RT: 6.82 min Scan# 830

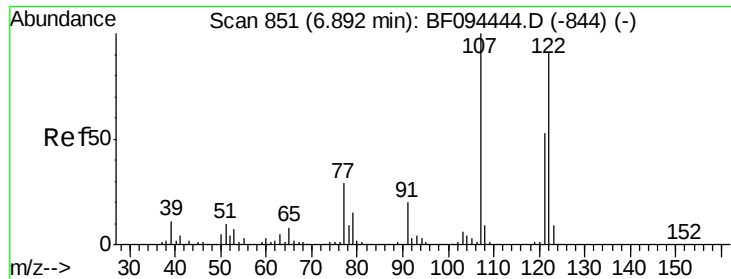
Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	139	Resp:	164409
Ion Ratio		Lower	Upper
139	100		
109	24.5	21.0	31.6
65	42.8	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 32.26 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

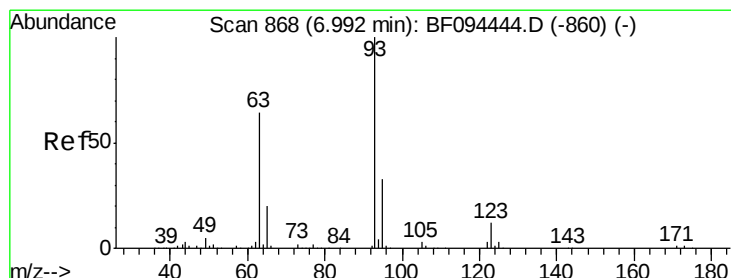
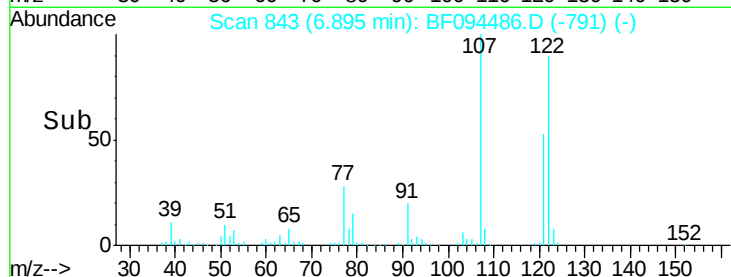
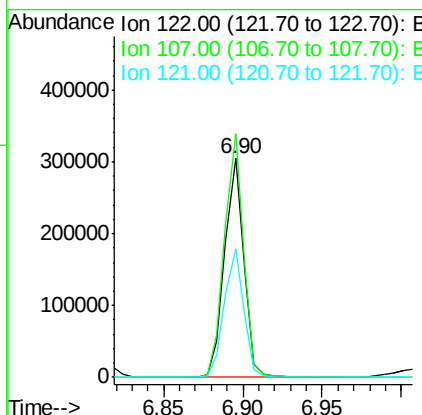
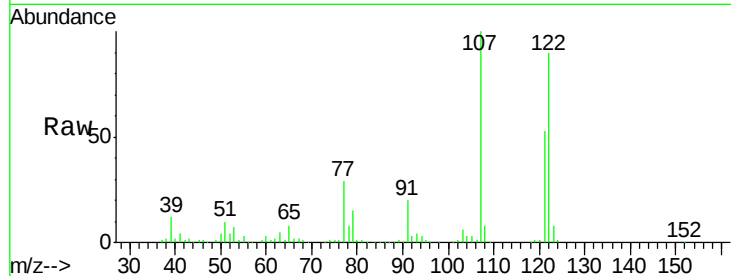
ClientSampleId :

49C-9-11MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.2	133.8
121	59.0	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.02 ng

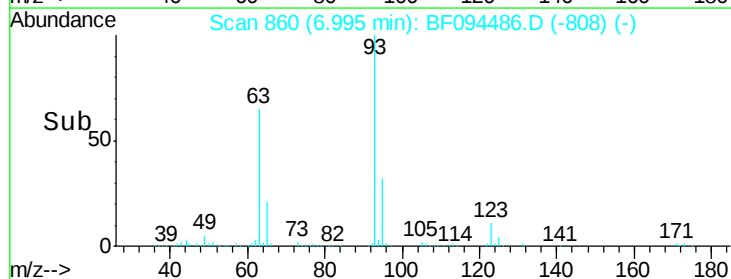
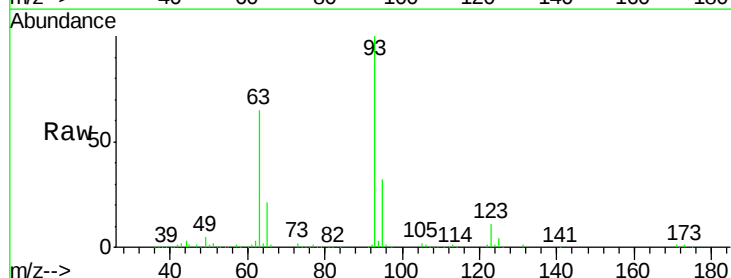
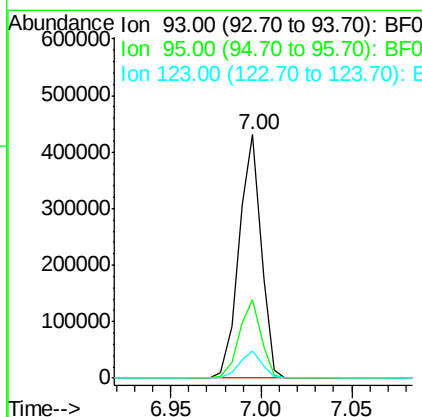
RT: 7.00 min Scan# 860

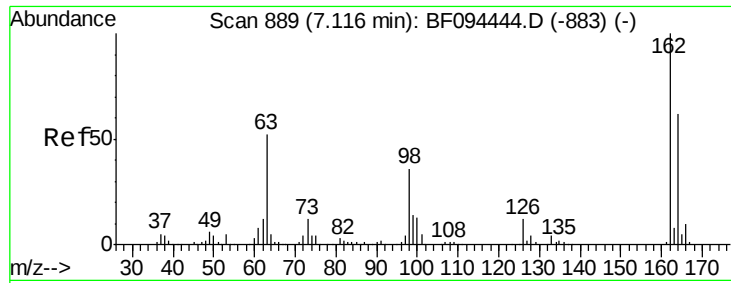
Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	11.1	9.0	13.4





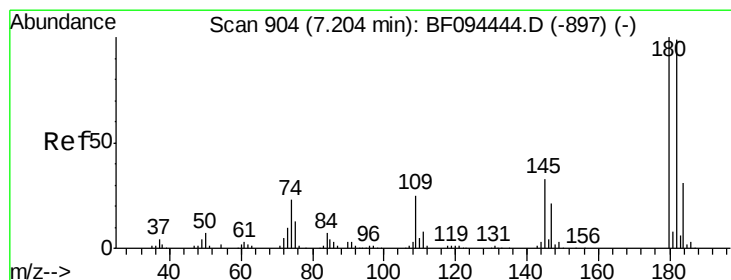
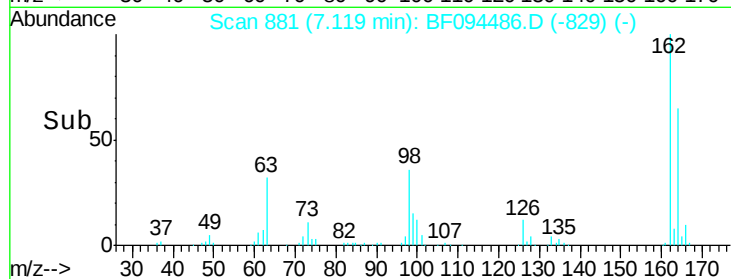
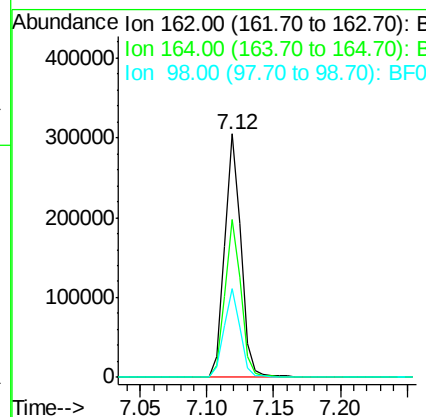
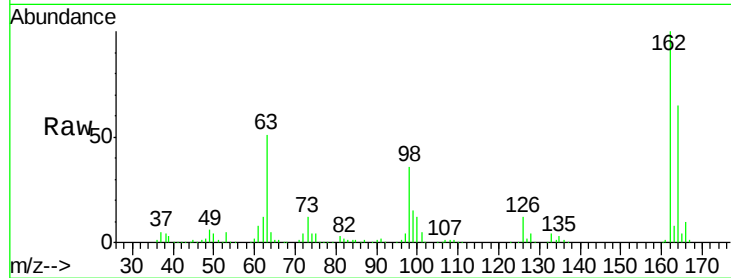
#29
 2,4-Dichlorophenol
 Concen: 35.78 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion:	162	Resp:	265031
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.6	84.6
98	36.4	14.8	54.8

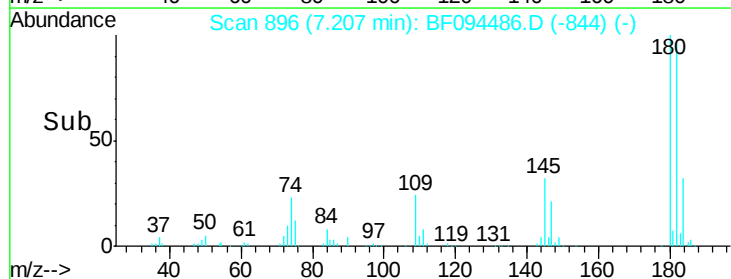
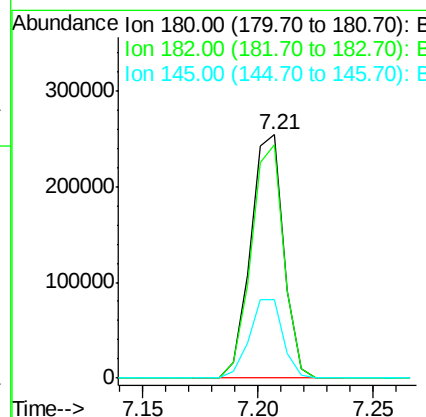
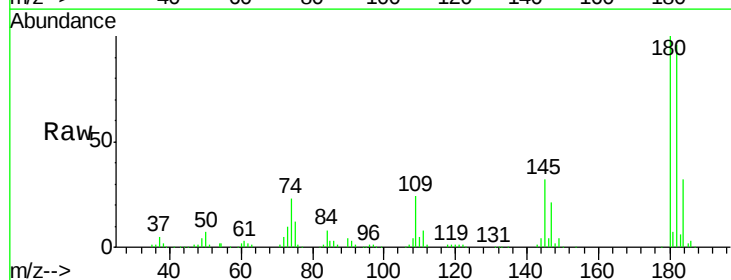
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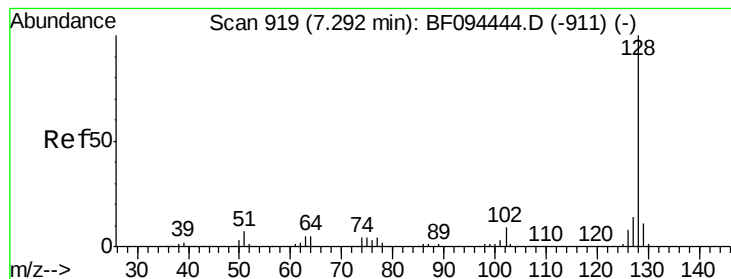
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.28 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:	180	Resp:	254914
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.8	113.6
145	32.1	25.3	37.9





#31

Naphthalene

Concen: 33.69 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

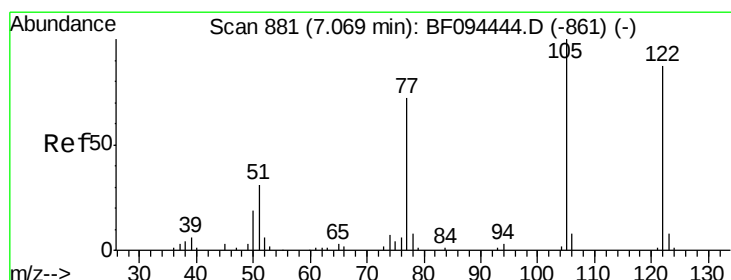
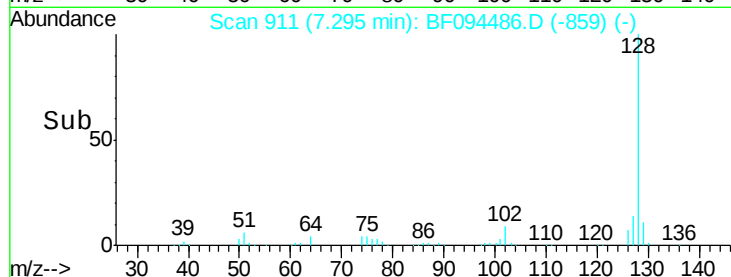
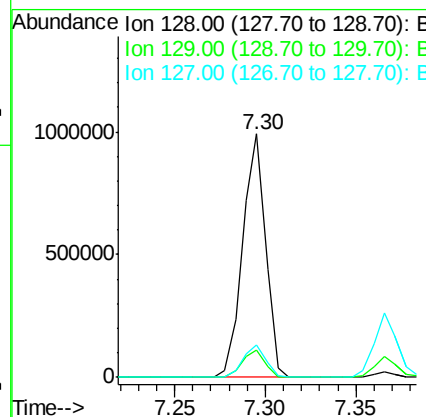
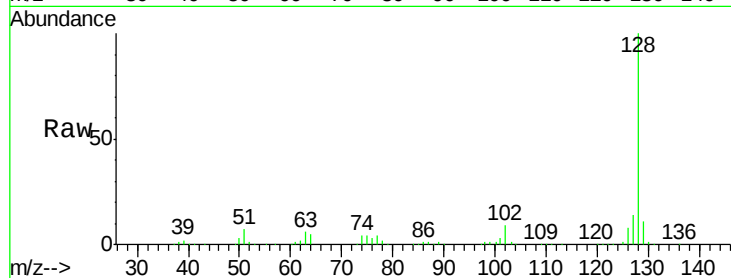
ClientSampleId :

49C-9-11MS

Tot Ion:	128	Resp:	866538
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.6	10.8	16.2

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#32

Benzoic acid

Concen: 5.78 ng m

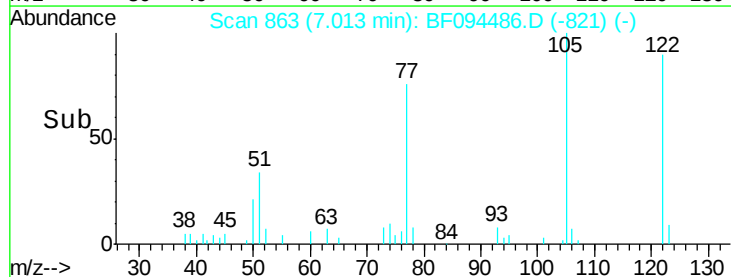
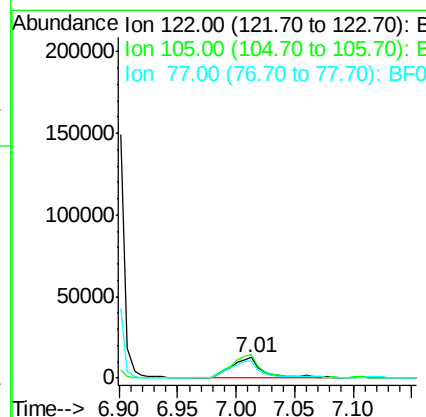
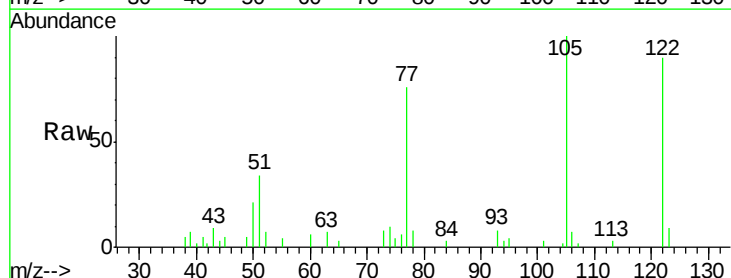
RT: 7.01 min Scan# 863

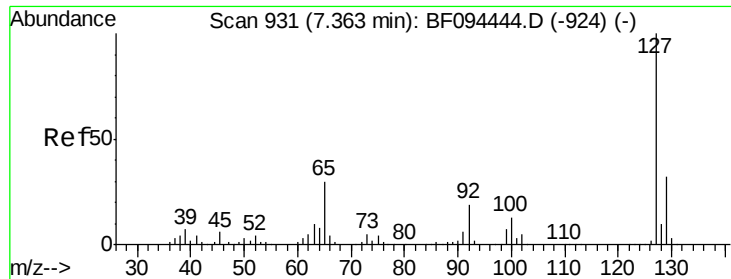
Delta R.T. -0.06 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	122	Resp:	24337
Ion Ratio	Lower	Upper	
122	100		
105	111.3	103.3	143.3
77	84.6	73.7	113.7





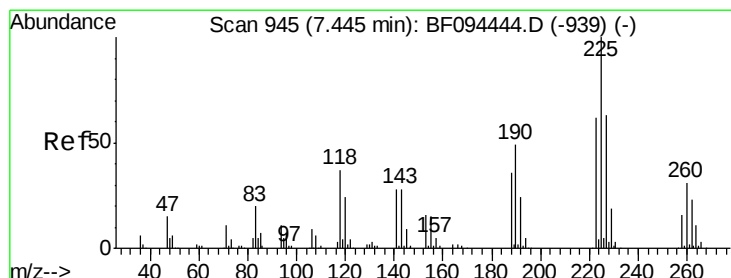
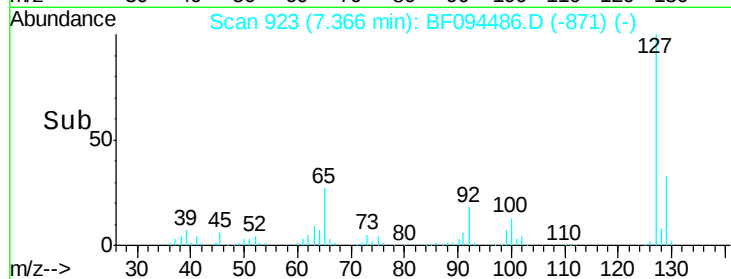
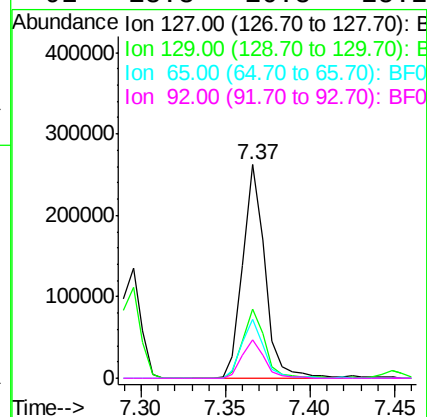
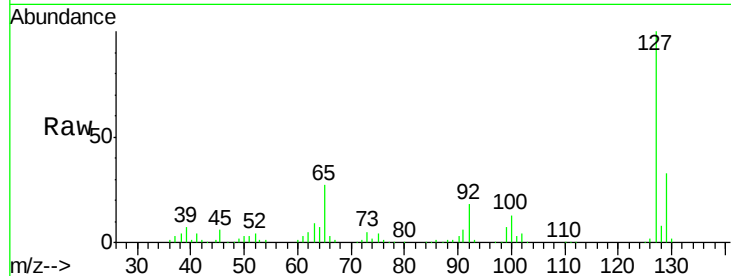
#33
4-Chloroaniline
Concen: 22.55 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.2	
65	27.5	27.8	41.8	
92	18.3	16.8	25.2	

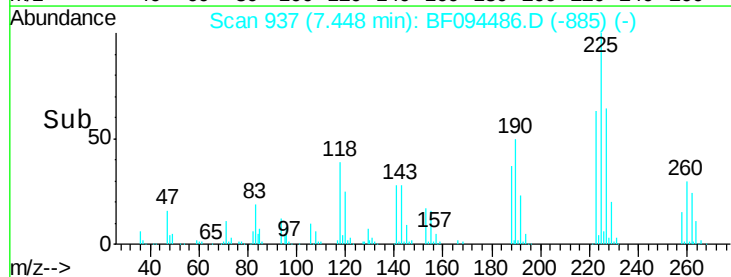
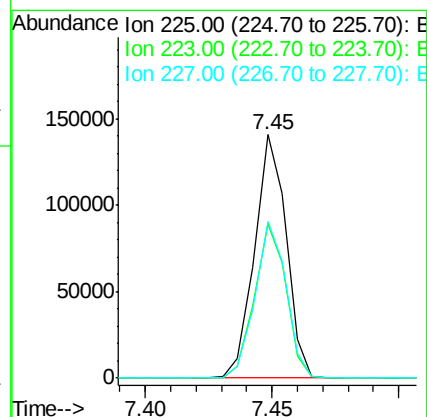
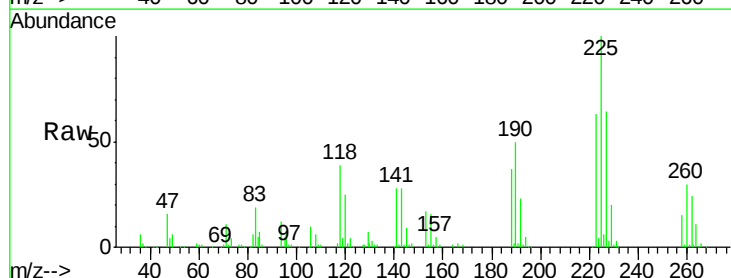
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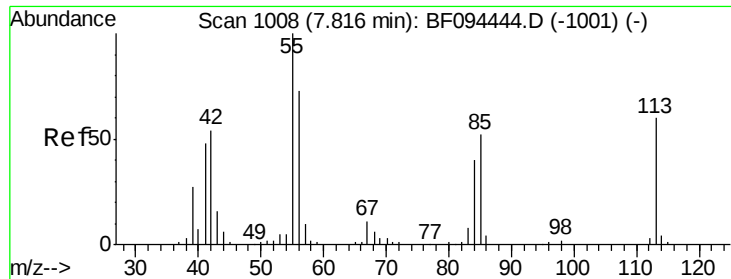
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#34
Hexachlorobutadiene
Concen: 32.13 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	48.8	73.2	
227	64.1	51.1	76.7	





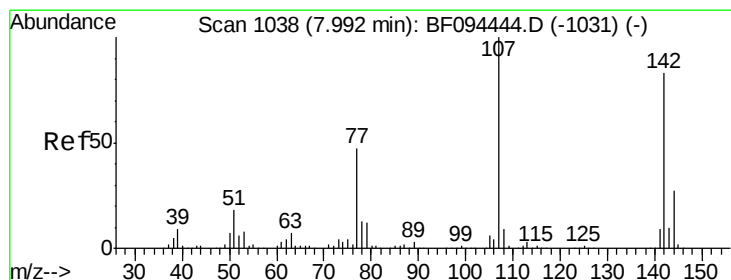
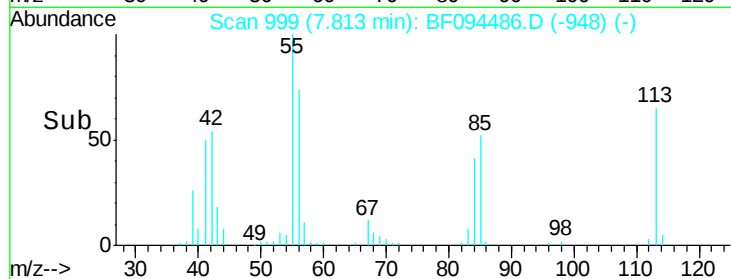
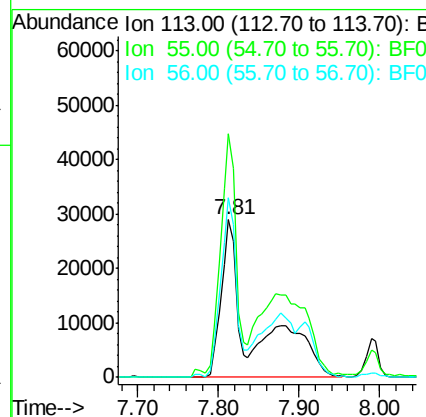
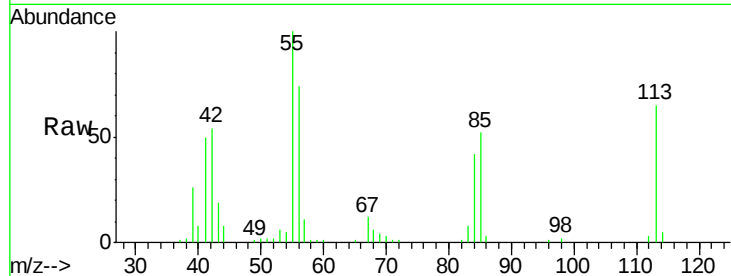
#35
 Caprolactam
 Concen: 33.29 ng/ml
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	154.5	150.2	190.2	
56	113.8	107.8	147.8	

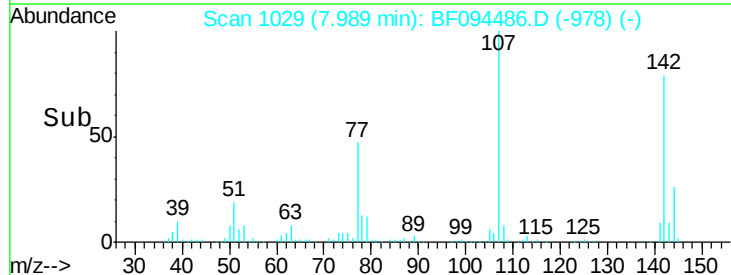
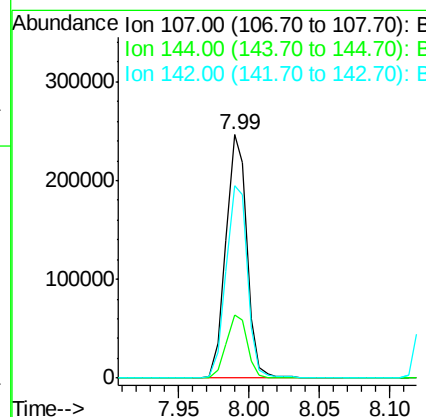
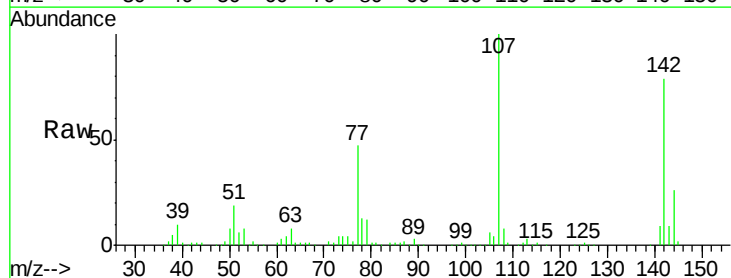
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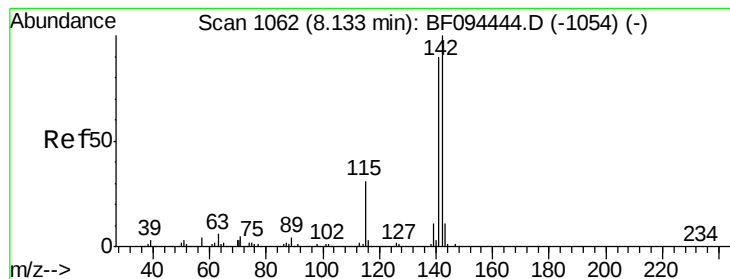
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#36
 4-Chloro-3-methylphenol
 Concen: 32.92 ng/ml
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	24.2	36.4	
142	79.1	73.4	110.0	





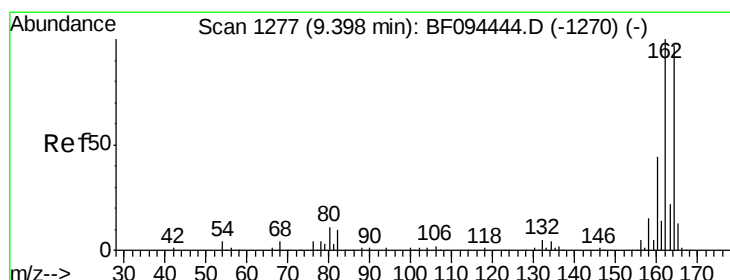
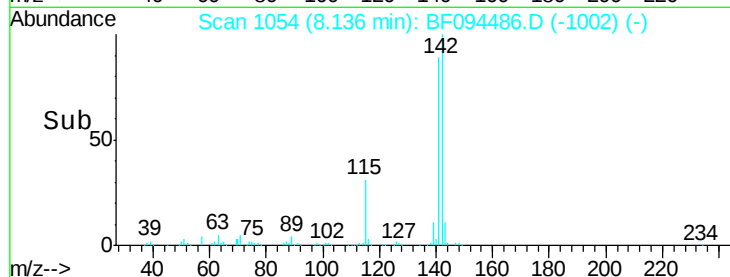
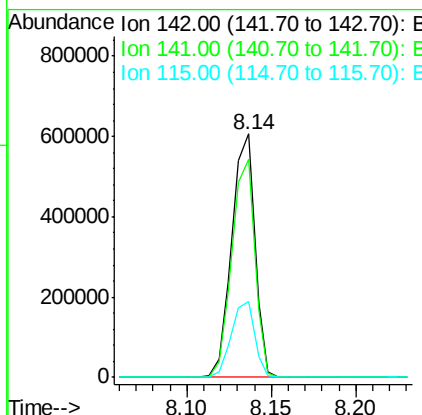
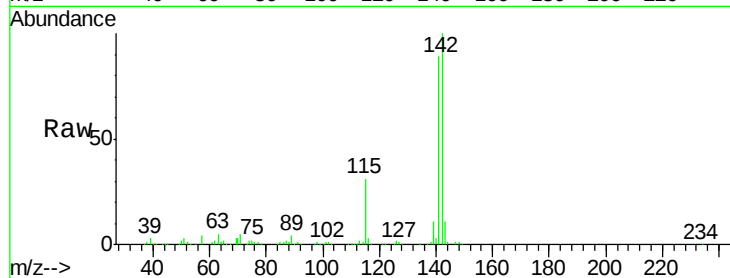
#37
 2-Methylnaphthalene
 Concen: 32.79 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	31.0	27.1	40.7

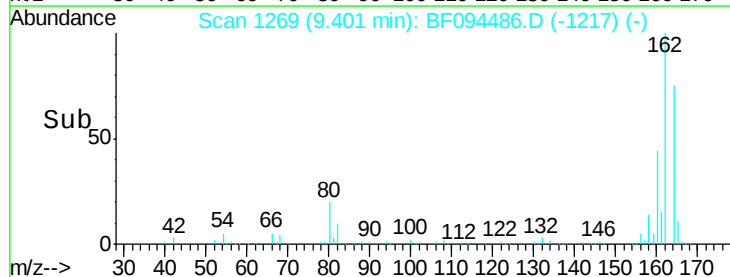
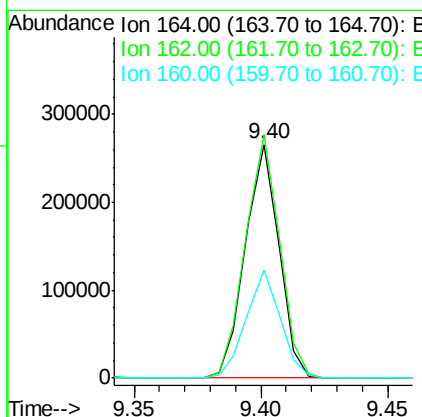
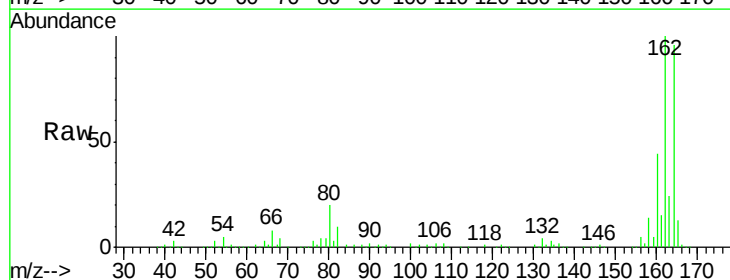
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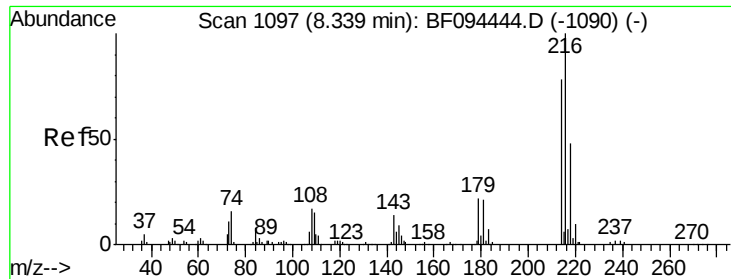
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	46.0	36.2	54.2





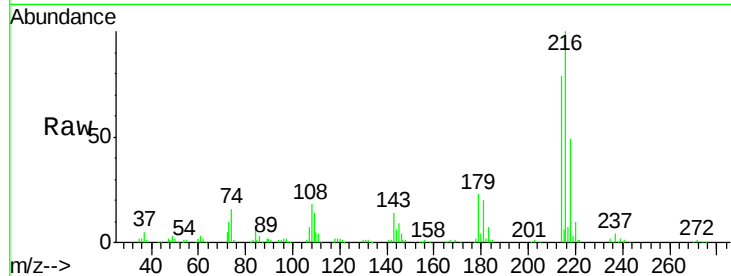
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.46 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

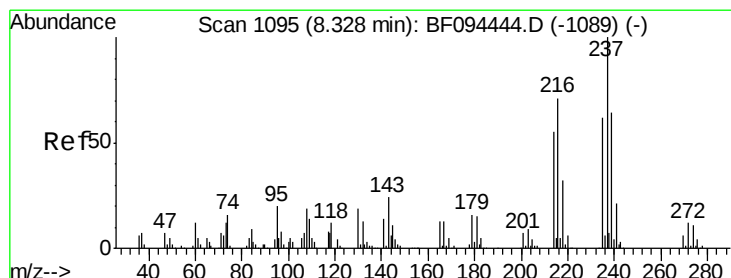
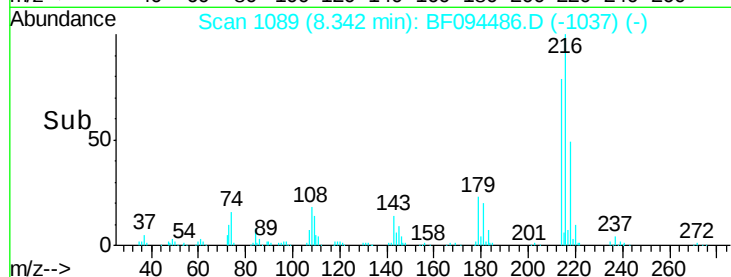
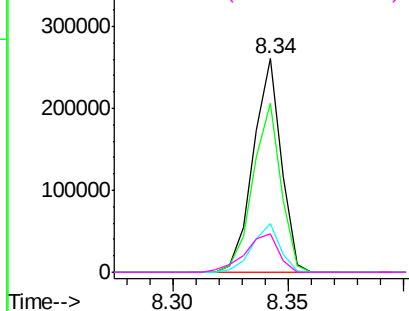
Tot Ion	Ratio	Resp	Lower	Upper
216	100	220796		
214	78.9	63.4	95.2	
179	22.4	17.9	26.9	
108	21.7	16.5	24.7	

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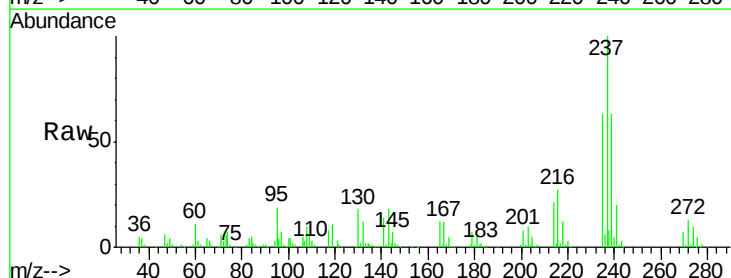


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

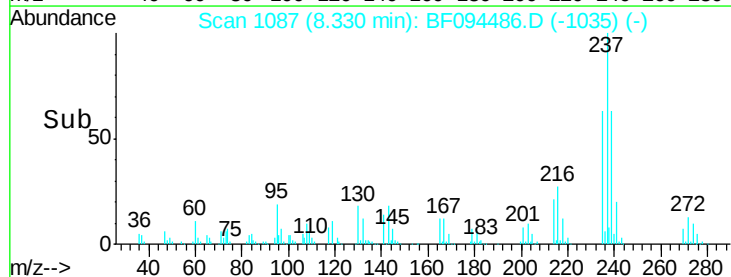
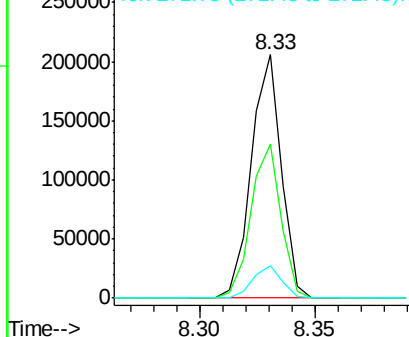


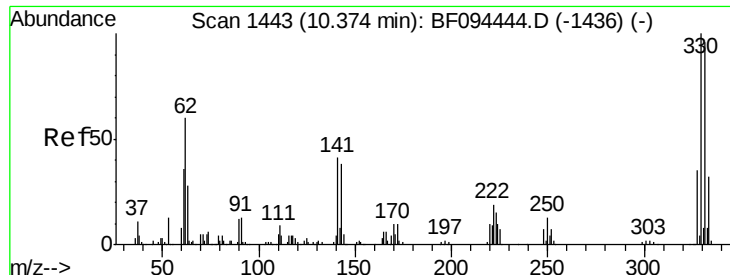
#40
 Hexachlorocyclopentadiene
 Concen: 65.60 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186216		
235	63.1	42.6	82.6	
272	13.3	0.0	31.9	



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





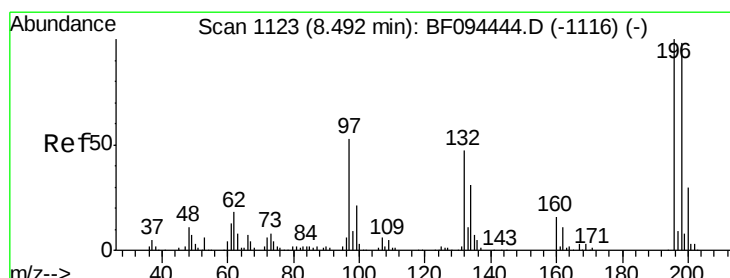
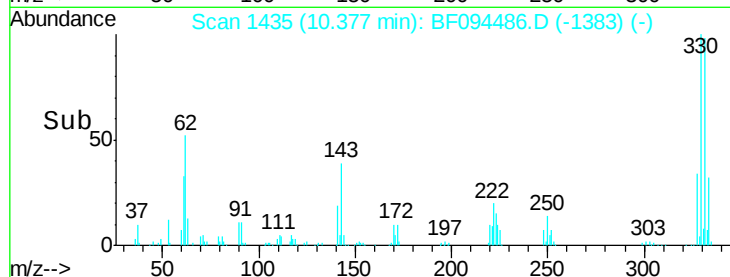
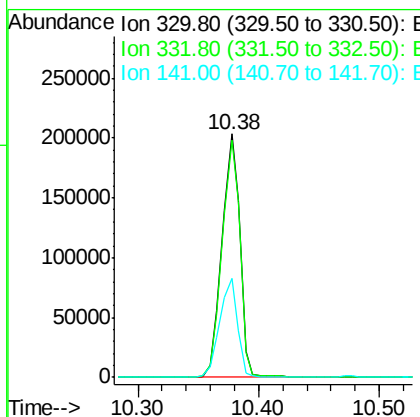
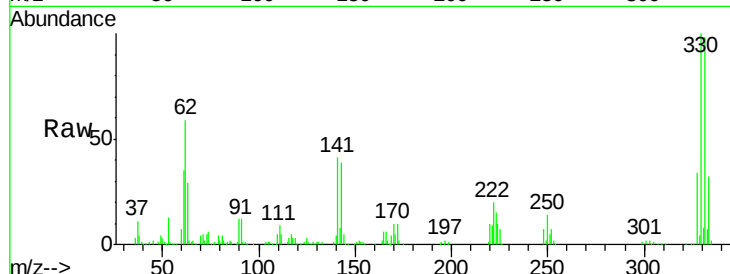
#41
 2,4,6-Tribromophenol
 Concen: 108.39 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	208933		
332	97.7	76.6	115.0	
141	40.7	31.4	47.2	

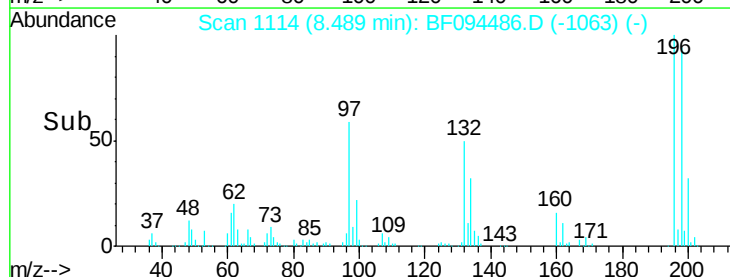
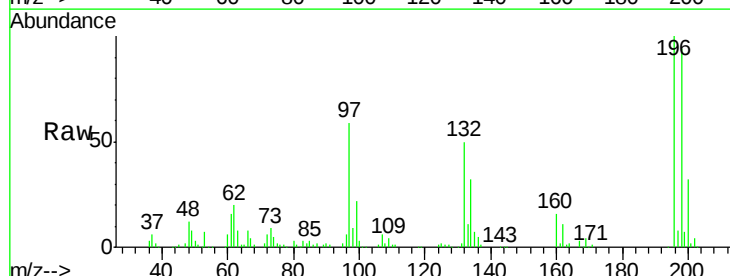
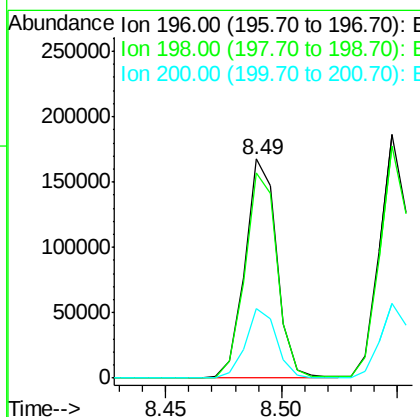
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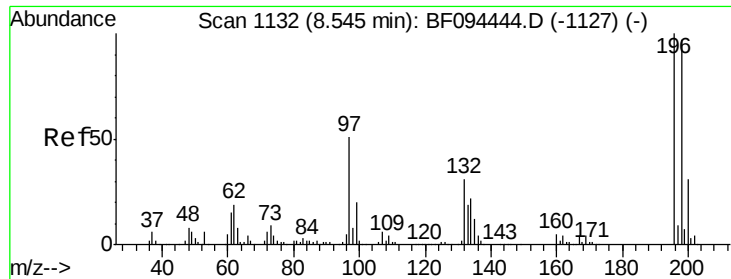
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 32.73 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161311		
198	94.0	74.2	111.4	
200	31.9	24.0	36.0	





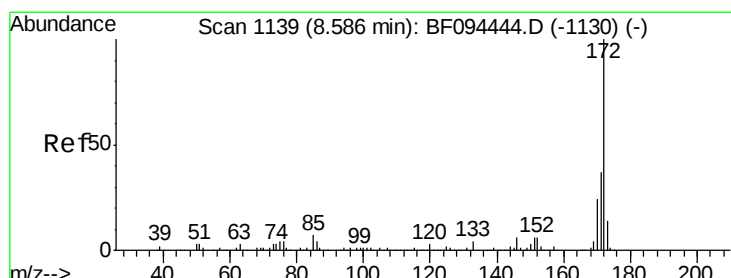
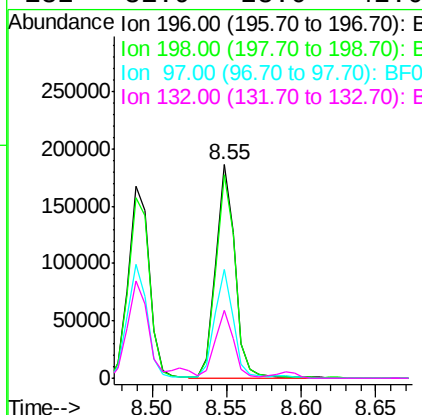
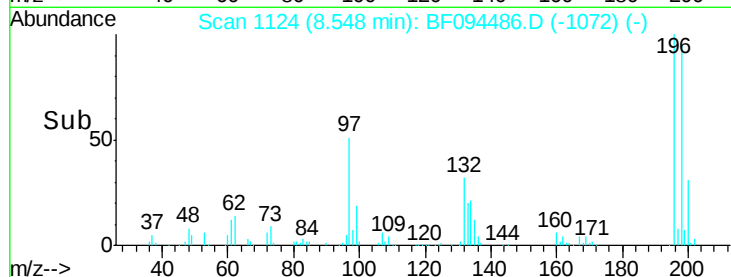
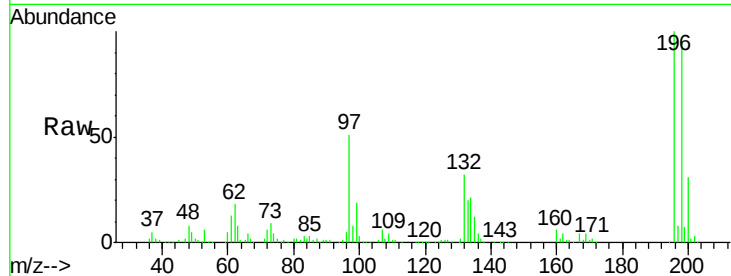
#43
 2,4,5-Trichlorophenol
 Concen: 33.19 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	196	Resp	167974
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
97	50.8	47.7	71.5
132	31.9	28.0	42.0

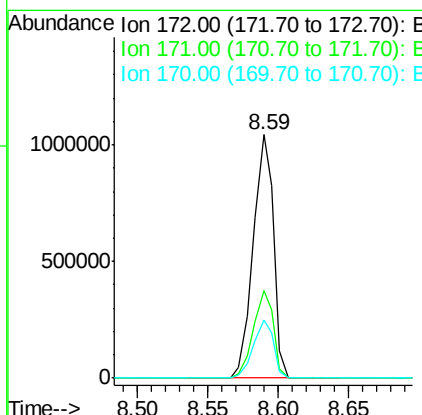
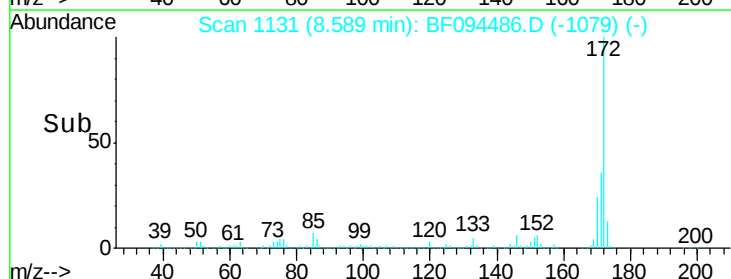
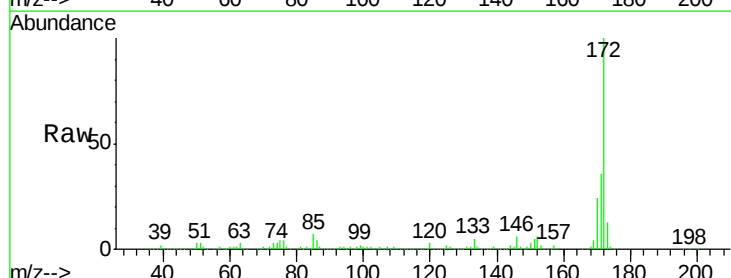
Manual Integrations
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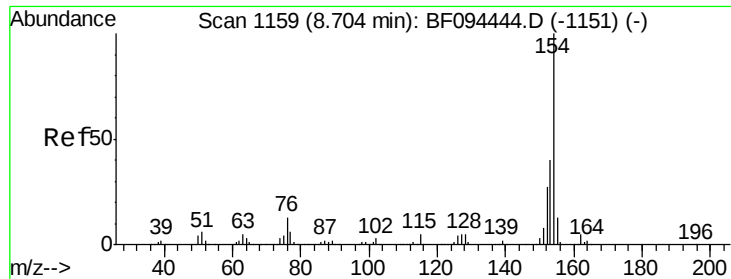
mohammad
 4/19/2017 1:33:03 PM



#44
 2-Fluorobiphenyl
 Concen: 63.20 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	172	Resp	1058540
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8





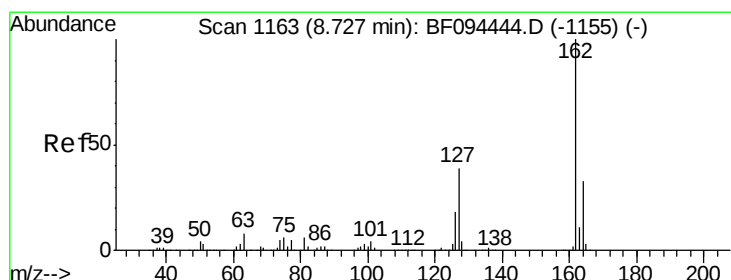
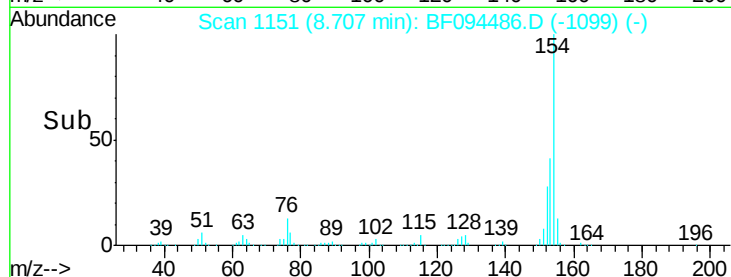
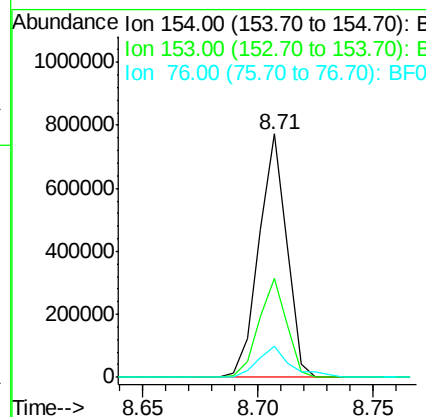
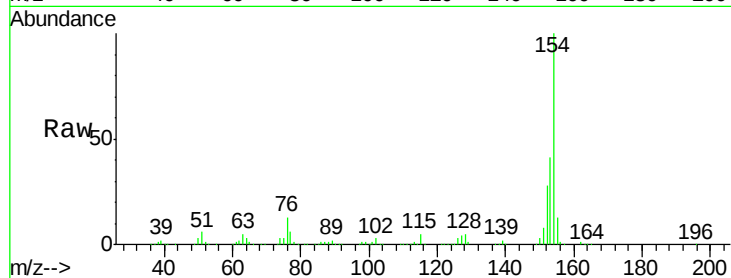
#45
 1,1'-Biphenyl
 Concen: 32.30 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion:	154	Resp:	650284
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	12.7	0.0	29.9

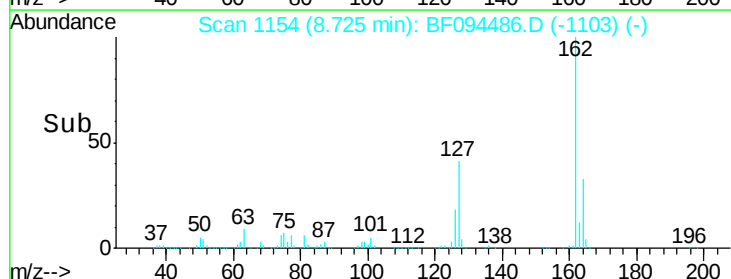
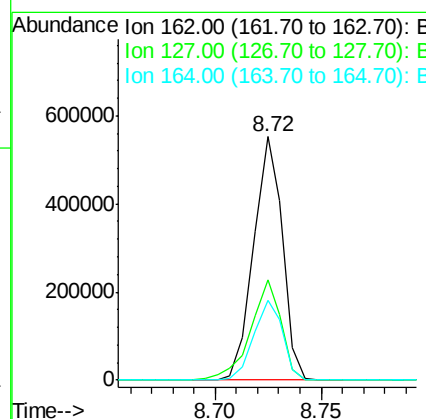
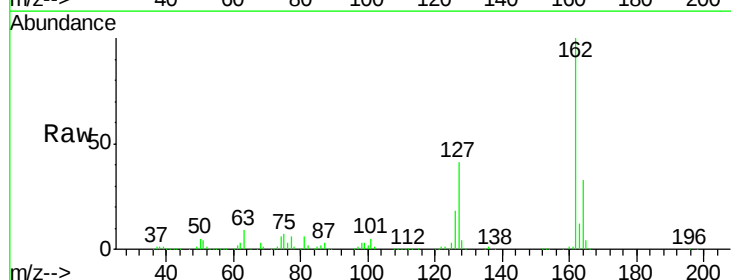
Manual Integrations
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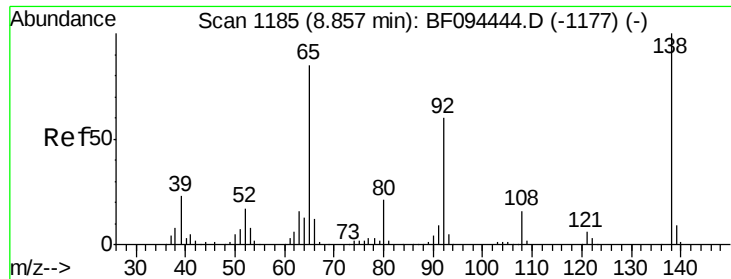
mohammad
 4/19/2017 1:33:03 PM



#46
 2-Chloronaphthalene
 Concen: 32.76 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:	162	Resp:	524389
Ion Ratio	Lower	Upper	
162	100		
127	41.3	28.3	42.5
164	32.8	27.0	40.4





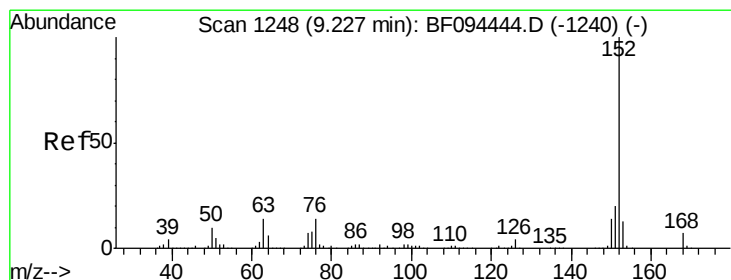
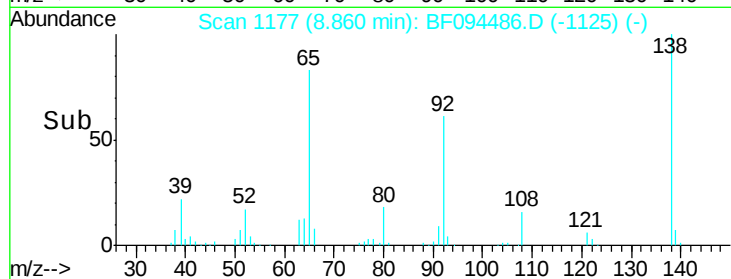
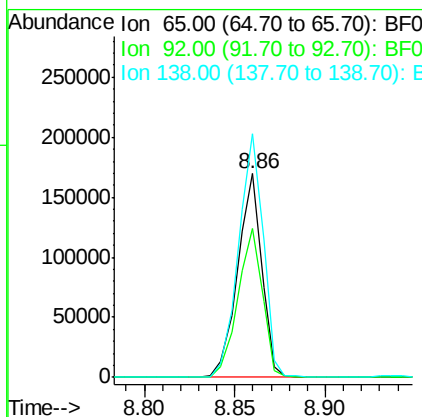
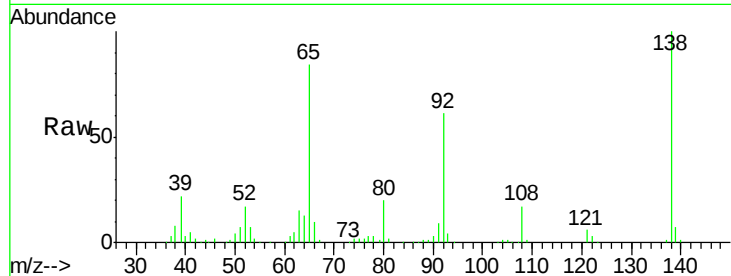
#47
2-Nitroaniline
Concen: 34.06 ng
RT: 8.86 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.9	80.9
138	119.4	78.8	118.2#

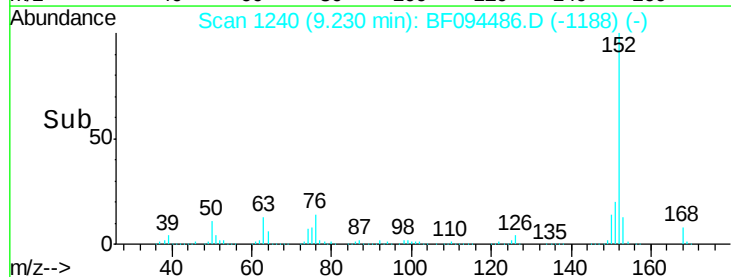
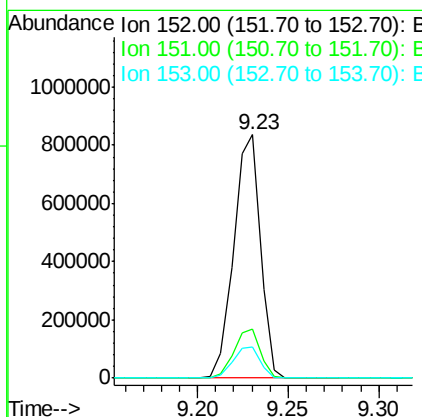
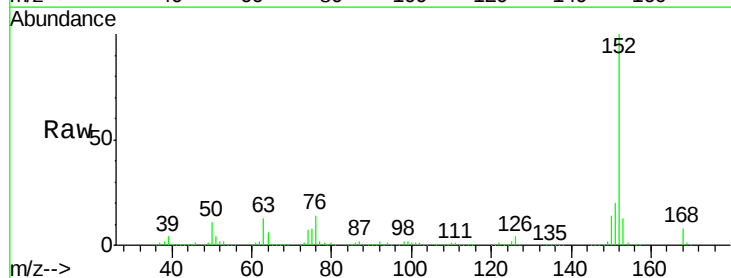
Manual Integrations
APPROVED

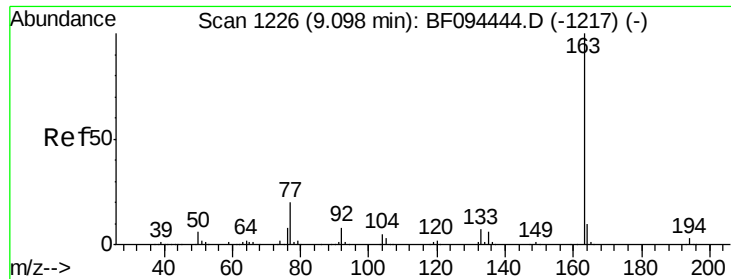
mohammad
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#48
Acenaphthylene
Concen: 34.12 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.9	10.8	16.2





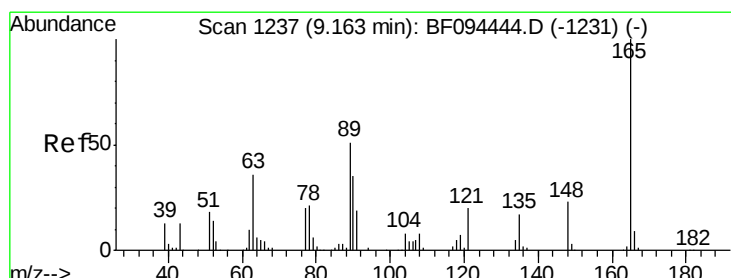
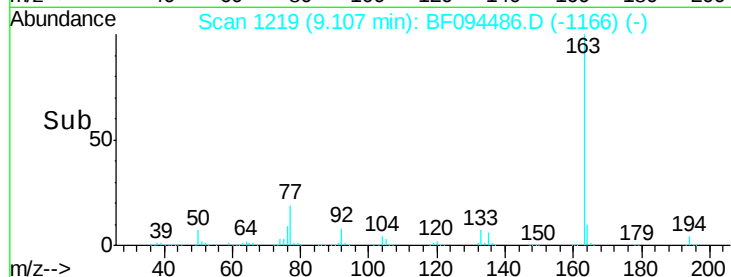
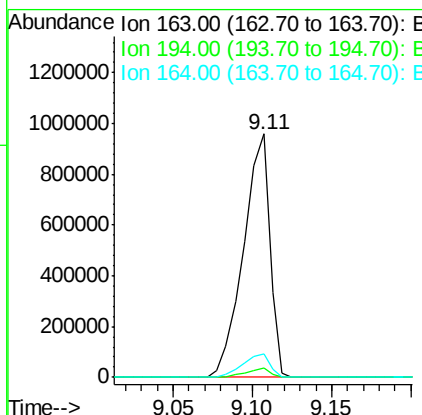
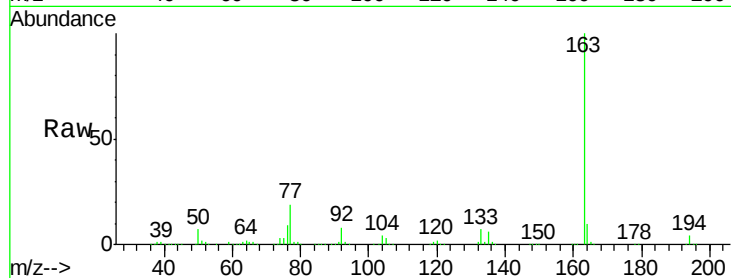
#49
Dimethylphthalate
Concen: 60.34 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.8	8.4	12.6

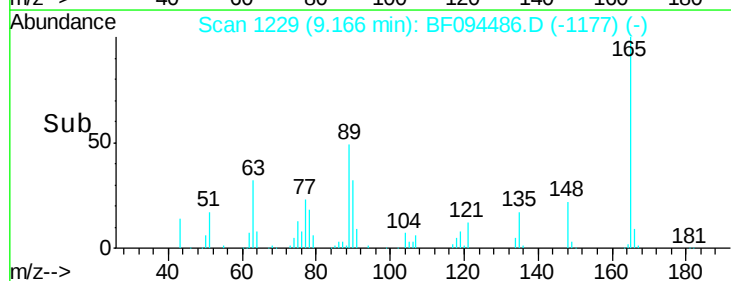
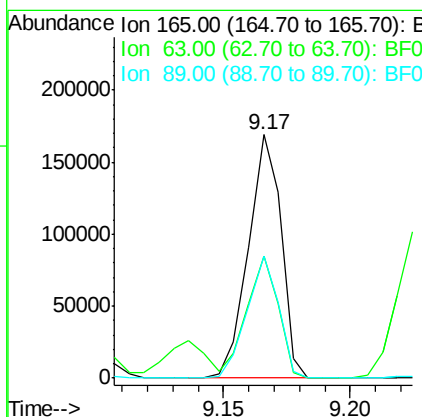
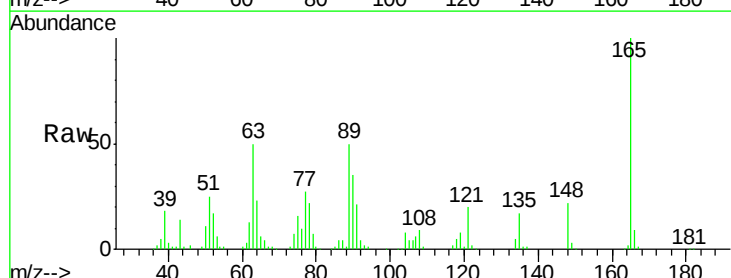
Manual Integrations
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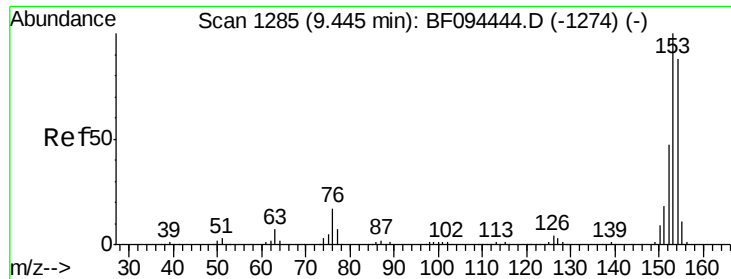
mohammad
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#50
2,6-Dinitrotoluene
Concen: 36.86 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	34.3	51.5
89	50.0	37.1	55.7





#51

Acenaphthene

Concen: 34.75 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

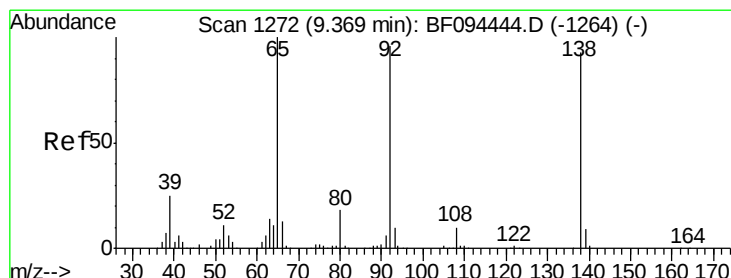
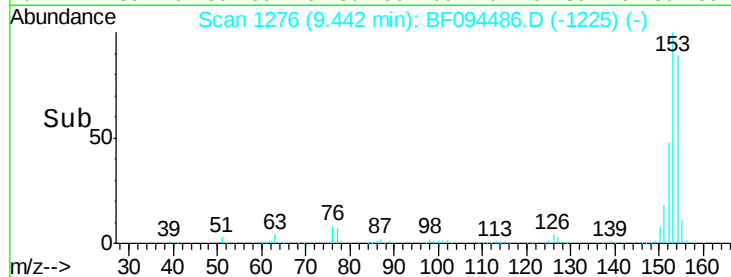
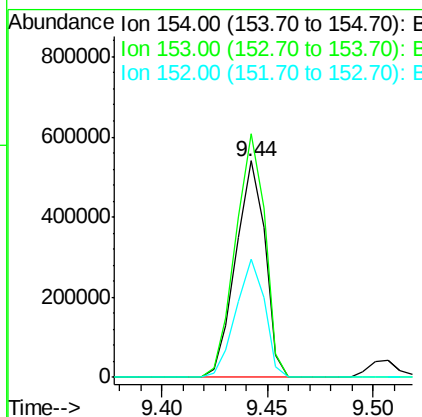
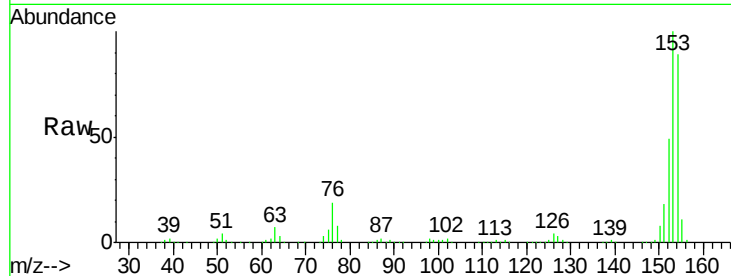
ClientSampleId :

49C-9-11MS

Tot Ion:	154	Resp:	519379
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.5	135.7
152	54.5	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.13 ng

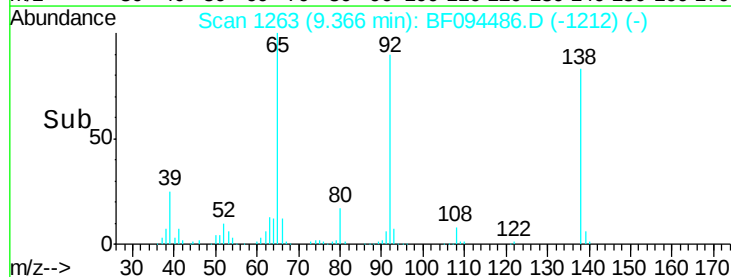
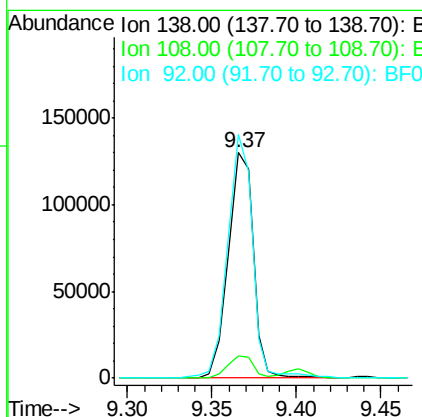
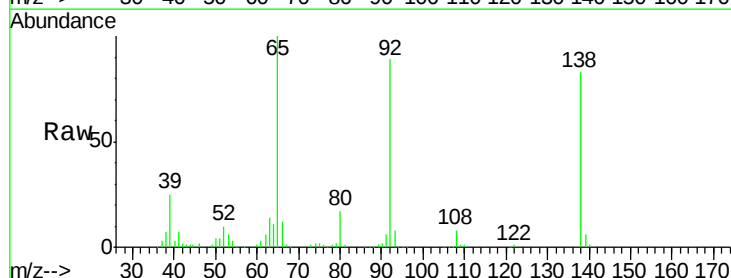
RT: 9.37 min Scan# 1263

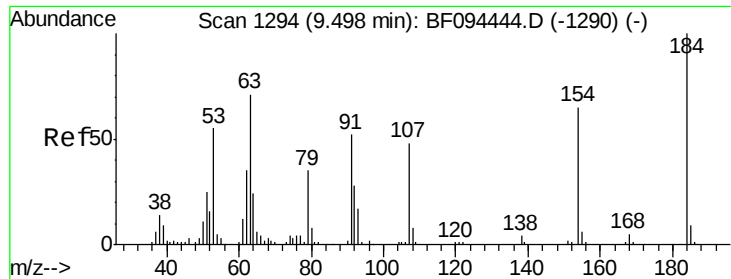
Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	138	Resp:	134180
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.1	13.7
92	108.0	93.8	140.6





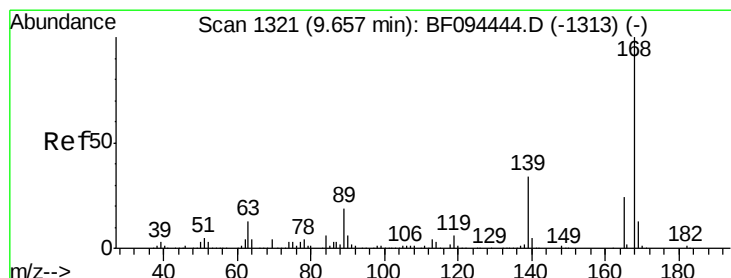
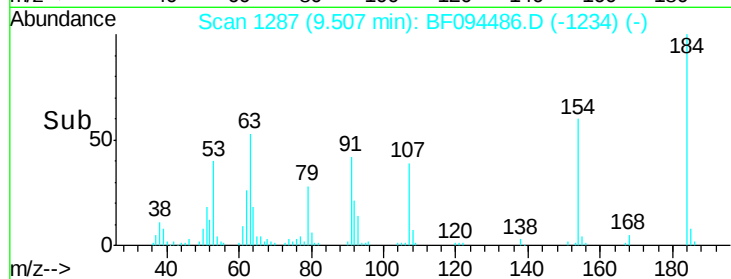
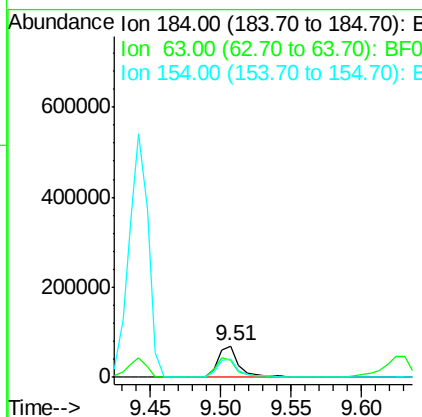
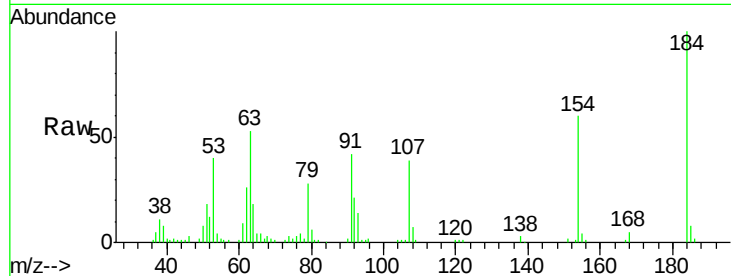
#53
 2,4-Dinitrophenol
 Concen: 37.38 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.8	62.7	94.1#
154	60.1	81.1	121.7#

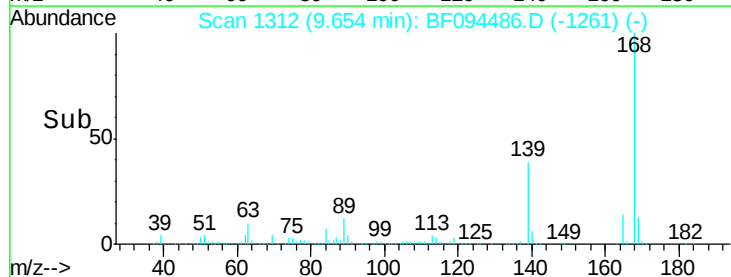
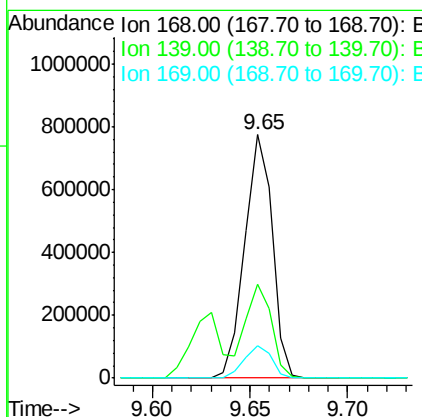
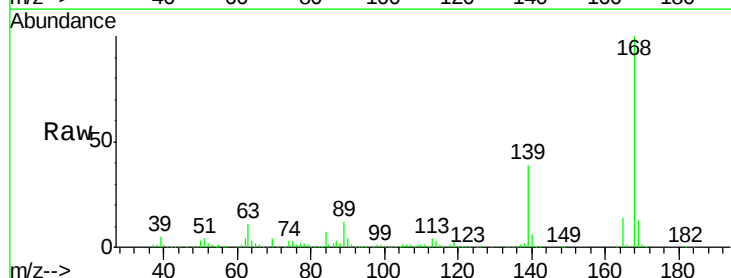
Manual Integrations
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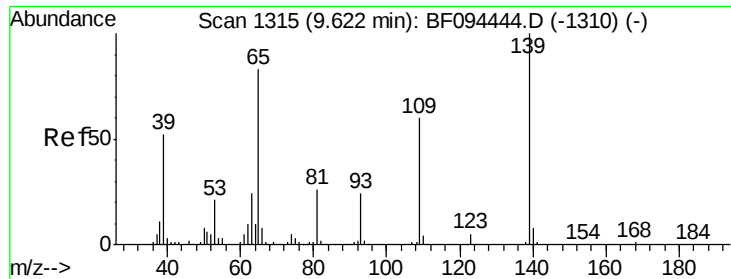
mohammad
 4/19/2017 1:33:03 PM



#54
 Dibenzofuran
 Concen: 34.93 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	45.8
169	13.4	10.8	16.2





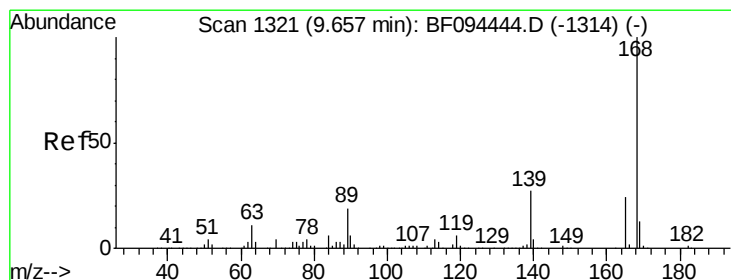
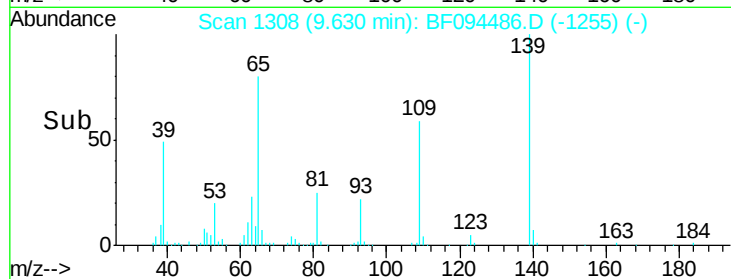
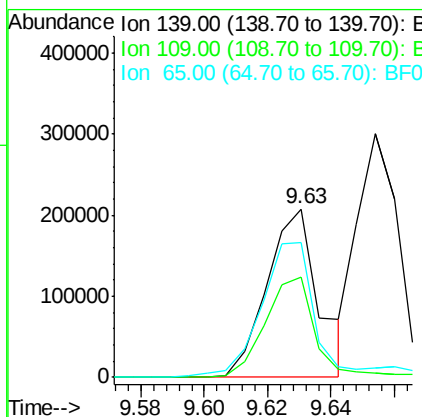
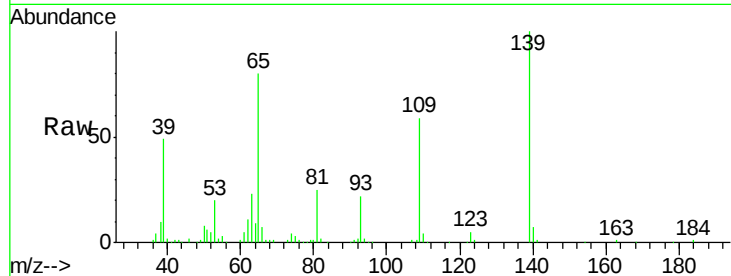
#55
4-Nitrophenol
Concen: 70.05 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	236022		
109	59.1	34.1	74.1	
65	80.0	31.4	71.4	

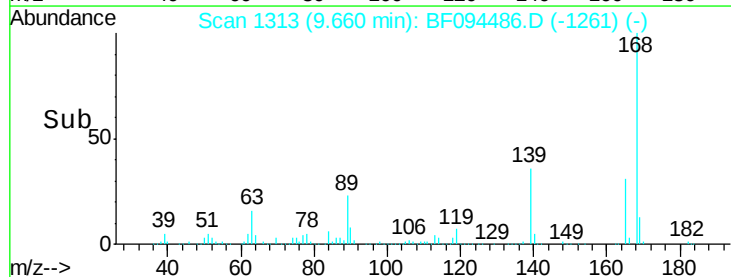
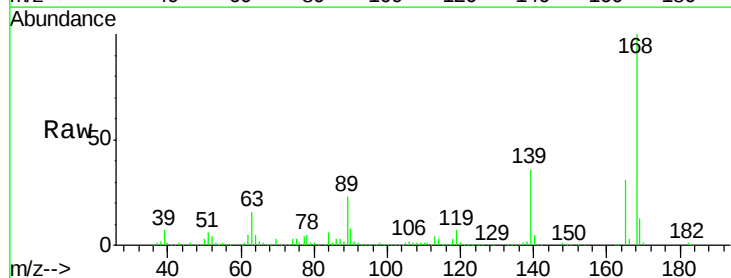
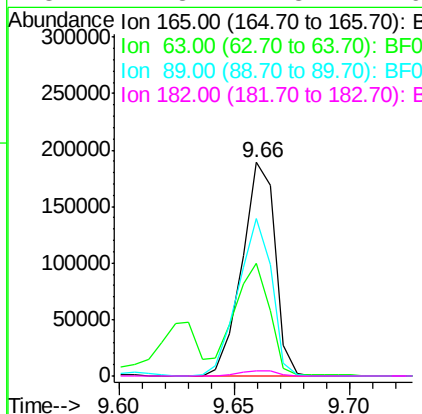
Manual Integrations
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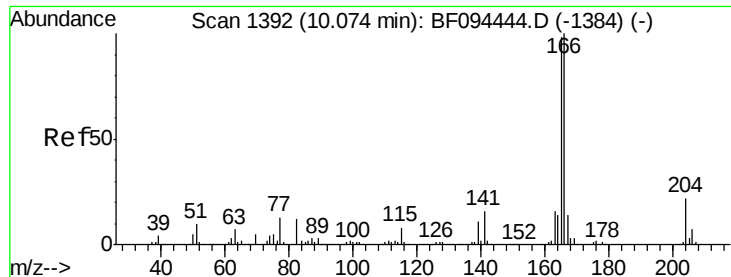
mohammad
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#56
2,4-Dinitrotoluene
Concen: 37.50 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	189690		
63	53.0	25.4	38.0	
89	74.0	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 35.54 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

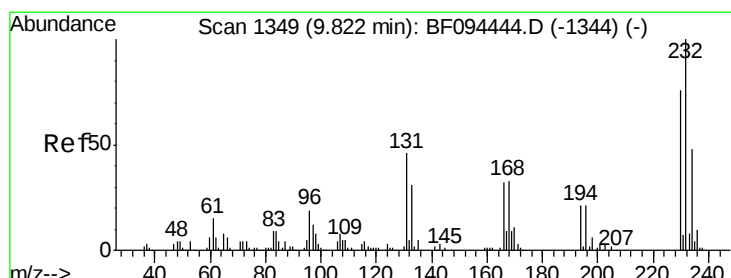
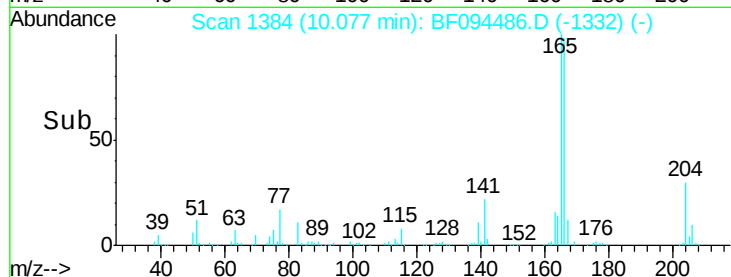
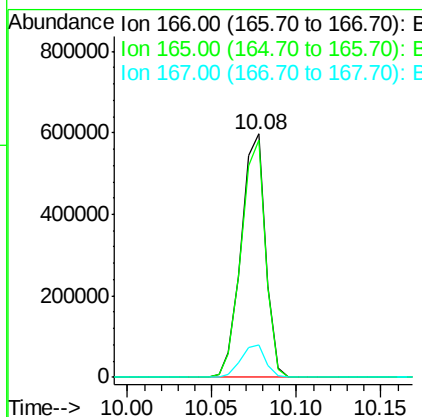
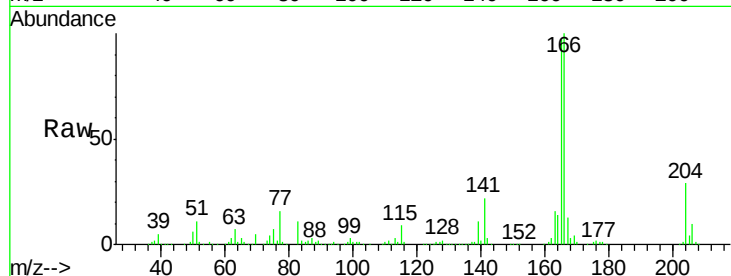
ClientSampleId :

49C-9-11MS

Tot Ion:	166	Resp:	601276
Ion Ratio		Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.2	10.6	16.0

Manual Integrations
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4/19/2017 1:33:03 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.47 ng

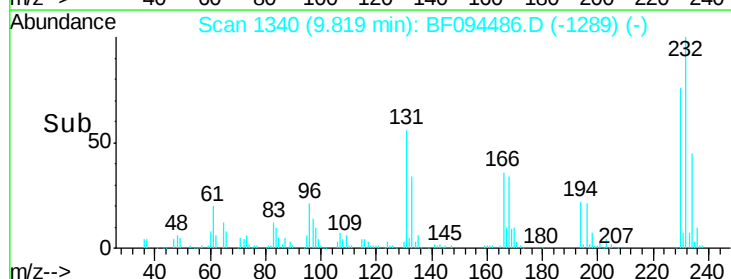
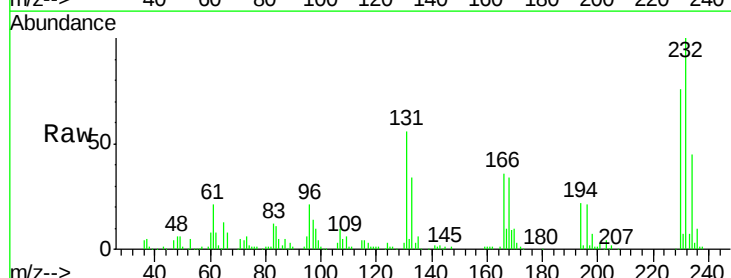
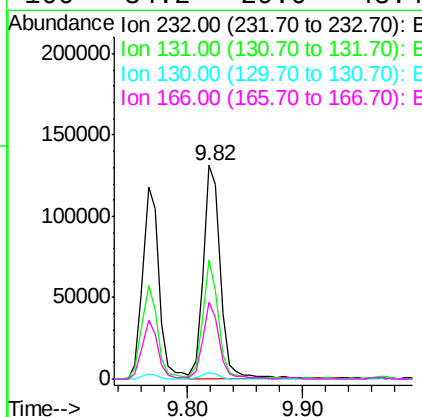
RT: 9.82 min Scan# 1340

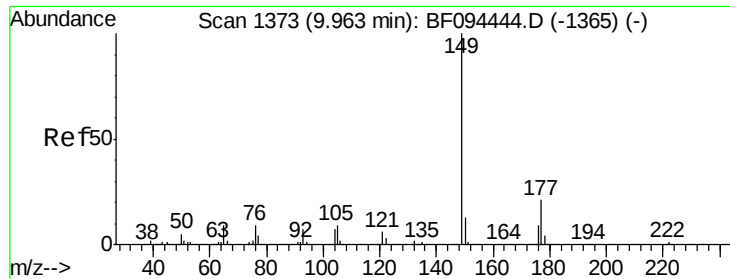
Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	232	Resp:	135902
Ion Ratio		Lower	Upper
232	100		
131	51.6	44.8	67.2
130	2.5	2.3	3.5
166	34.2	29.0	43.4





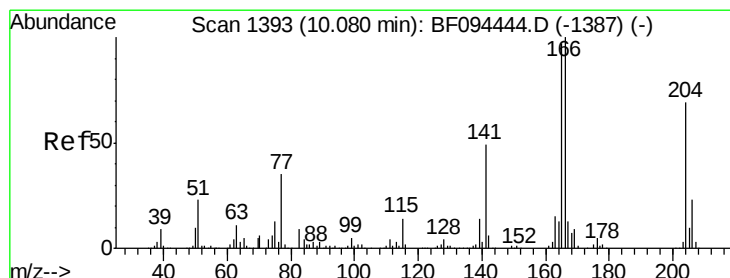
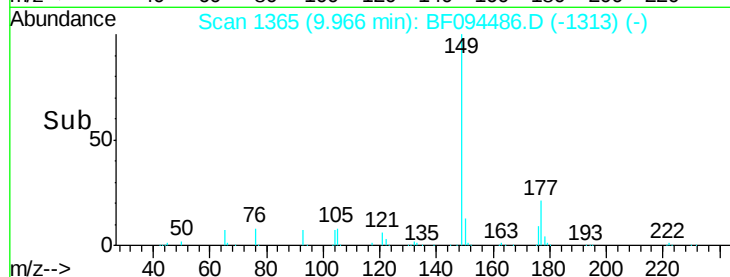
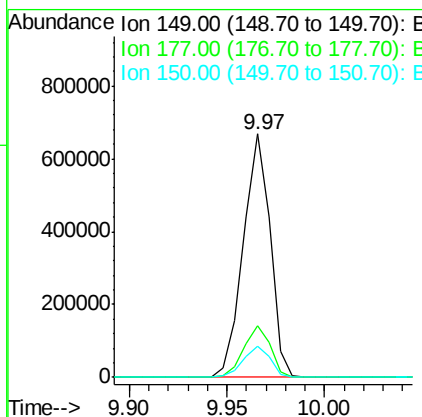
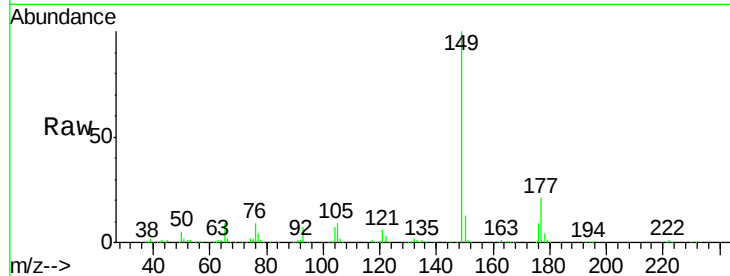
#59
Diethylphthalate
Concen: 36.93 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.8	10.2	15.2

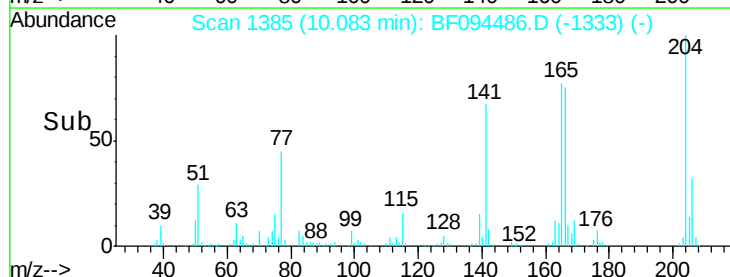
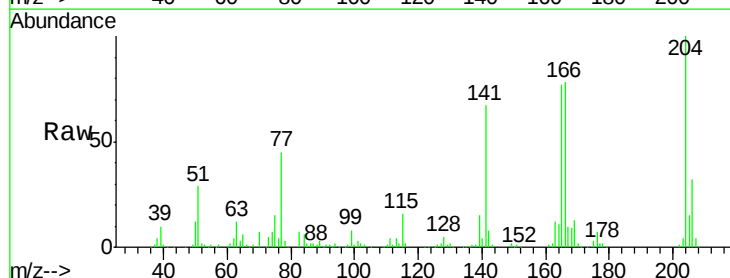
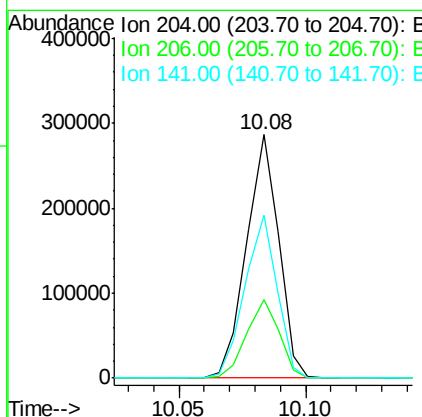
Manual Integrations
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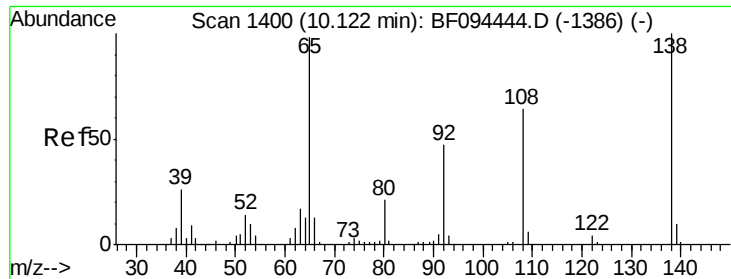
mohammad
4/19/2017 1:33:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.18 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	67.2	60.8	91.2





#61

4-Nitroaniline

Concen: 33.02 ng

RT: 10.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

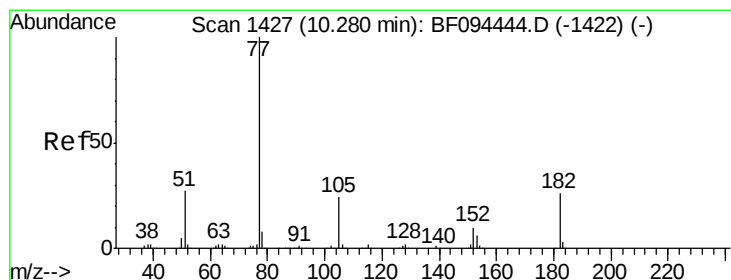
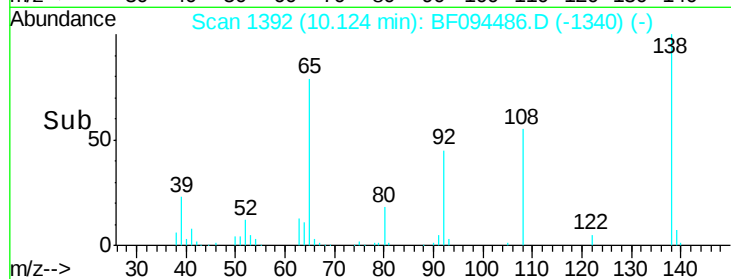
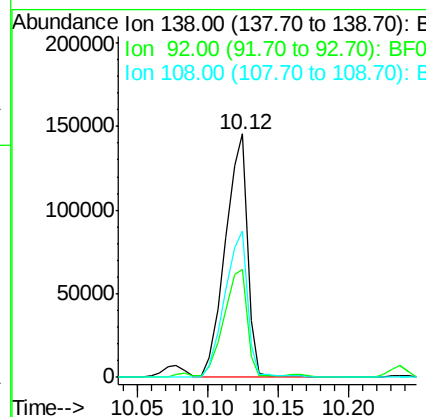
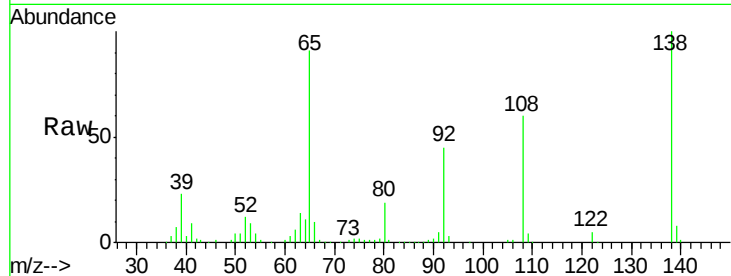
ClientSampleId :

49C-9-11MS

Tot Ion:	138	Resp:	160090
Ion Ratio	Lower	Upper	
138	100		
92	44.5	21.8	61.8
108	59.9	42.3	82.3

Manual Integrations
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#62

Azobenzene

Concen: 36.14 ng

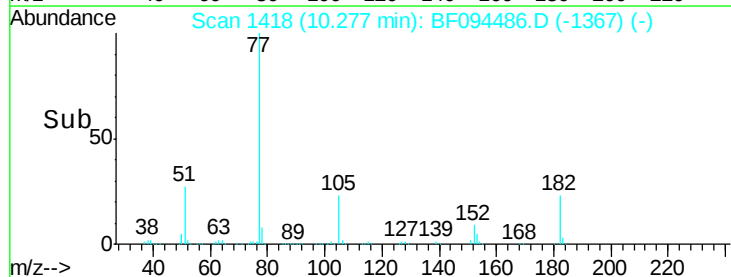
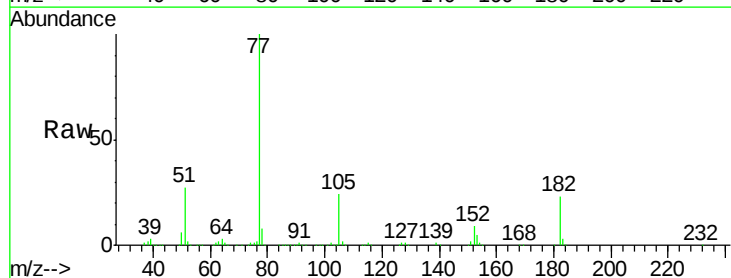
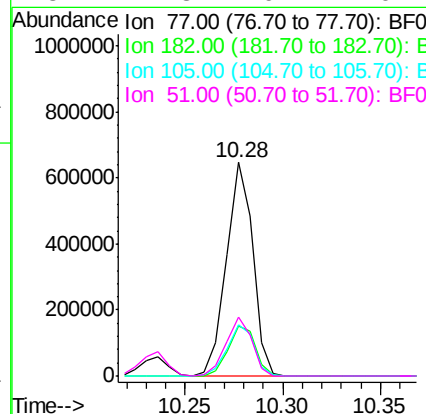
RT: 10.28 min Scan# 1418

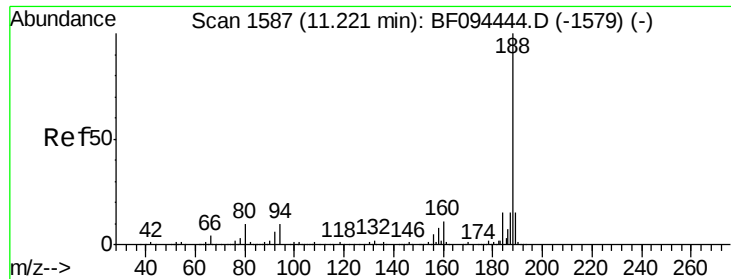
Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	77	Resp:	608030
Ion Ratio	Lower	Upper	
77	100		
182	23.2	0.1	40.1
105	24.0	3.6	43.6
51	27.3	9.4	49.4





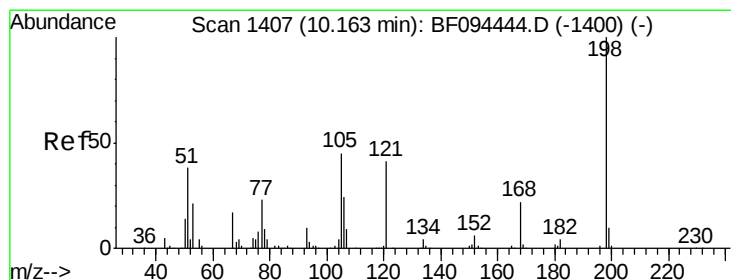
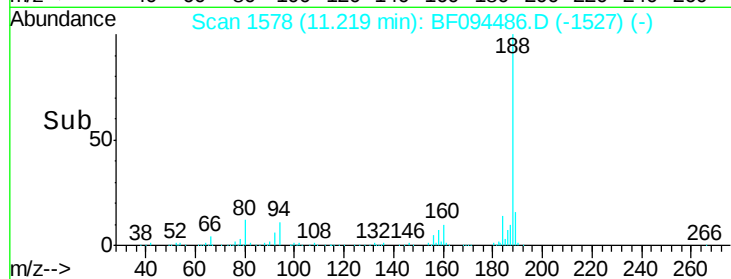
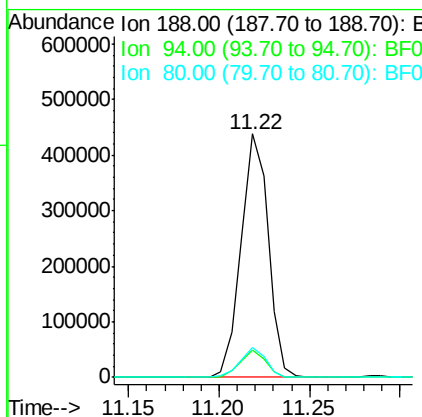
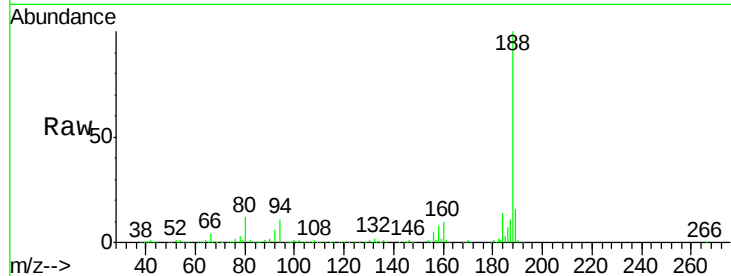
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	457222		
94	11.3		9.4	14.2
80	12.0		10.2	15.2

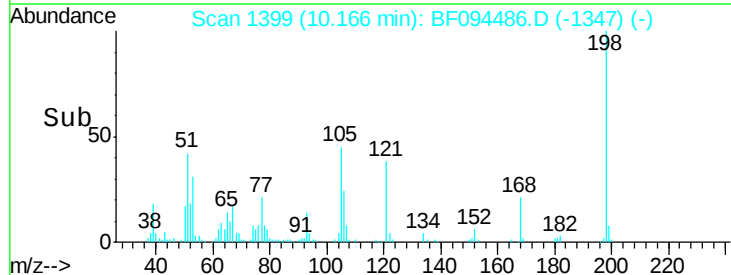
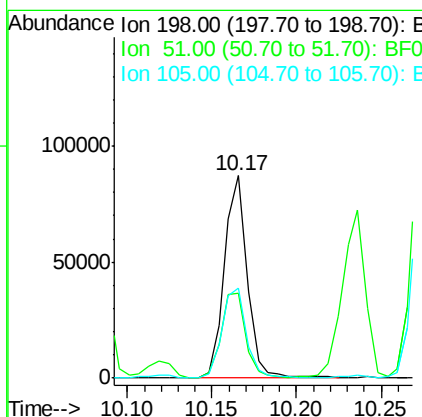
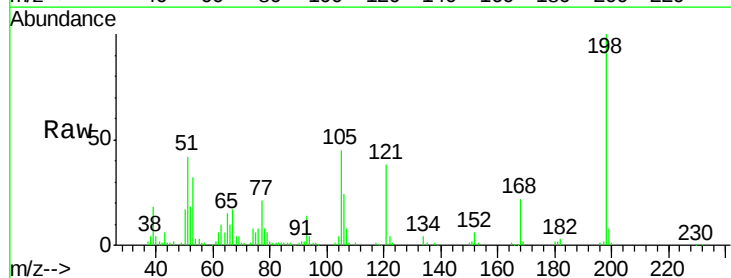
Manual Integrations
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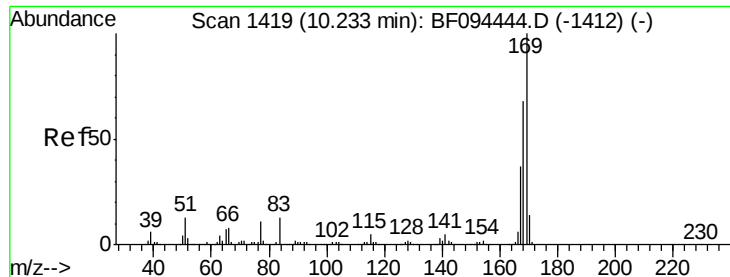
mohammad
4/19/2017 1:33:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 27.62 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	82727		
51	41.9		53.2	93.2#
105	44.8		45.8	85.8#





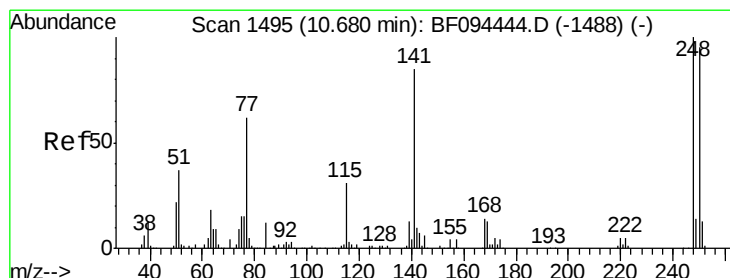
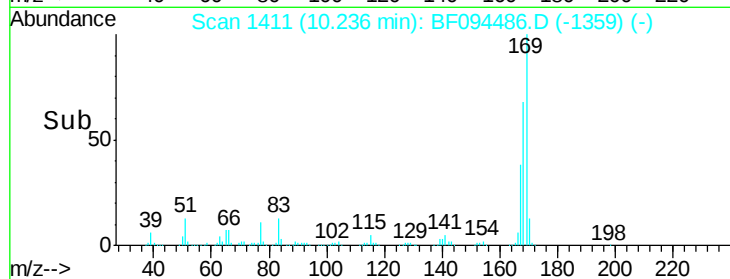
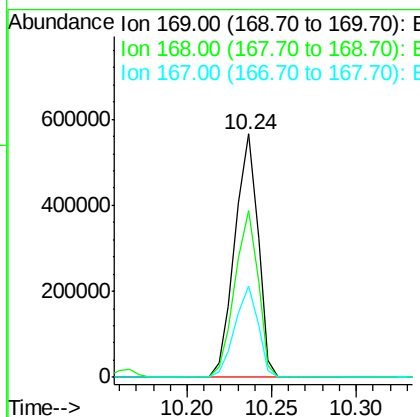
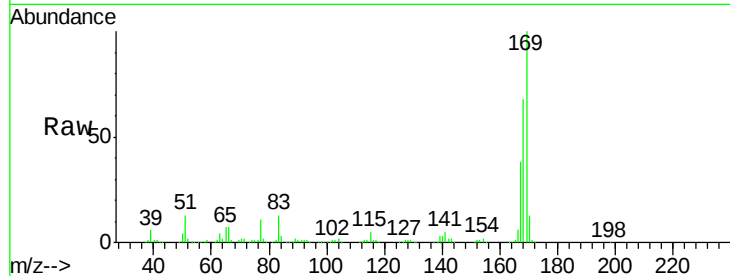
#65
n-Nitrosodiphenylamine
Concen: 34.08 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	541881		
168	68.3	53.2	79.8	
167	37.7	29.5	44.3	

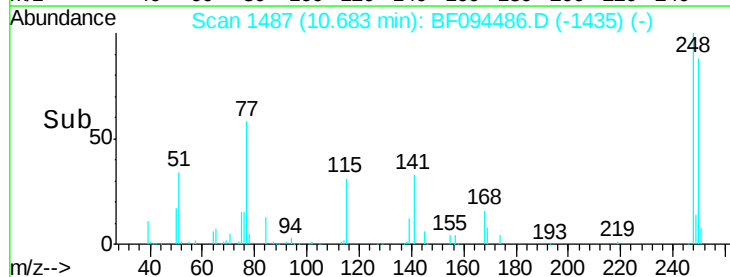
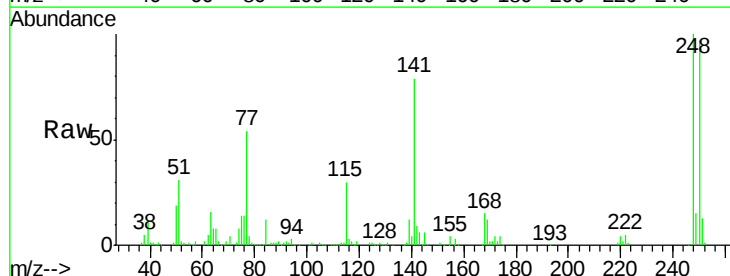
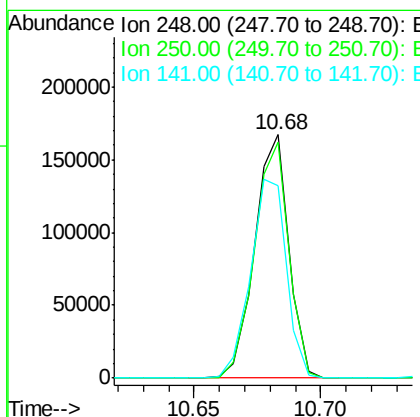
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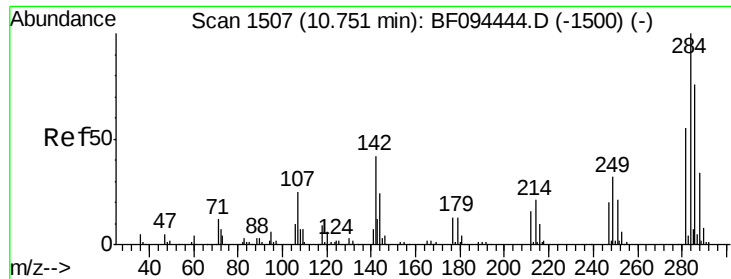
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 34.46 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	156459		
250	96.8	76.8	115.2	
141	79.2	68.6	103.0	





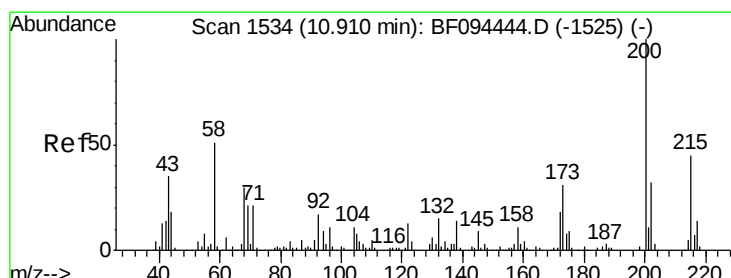
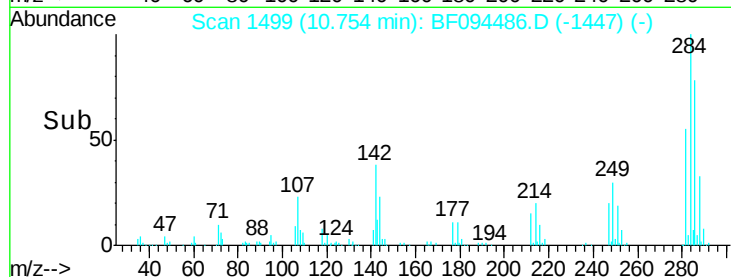
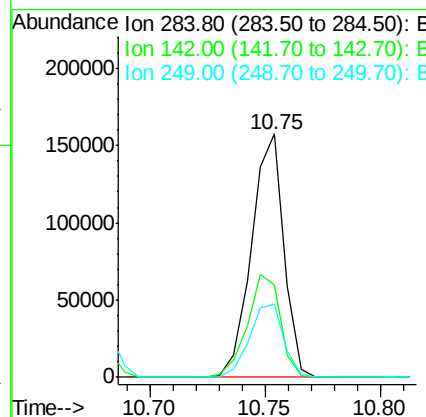
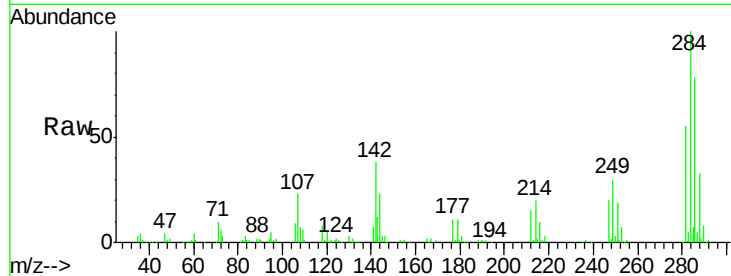
#67
Hexachlorobenzene
Concen: 33.68 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	154079		
142	37.9	22.8	34.2	#
249	30.1	24.0	36.0	

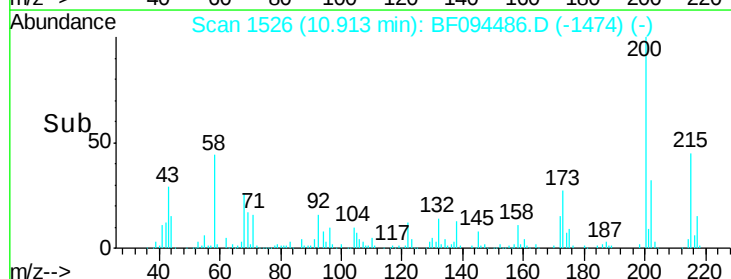
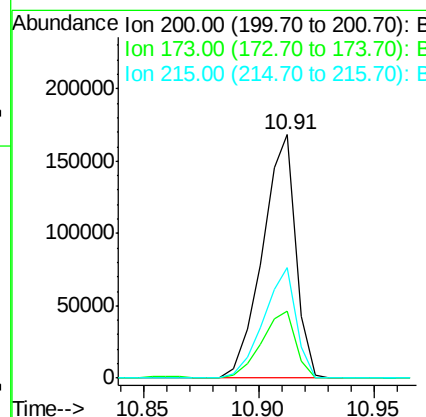
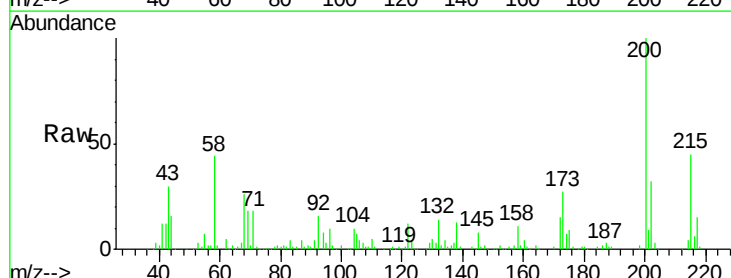
Manual Integrations
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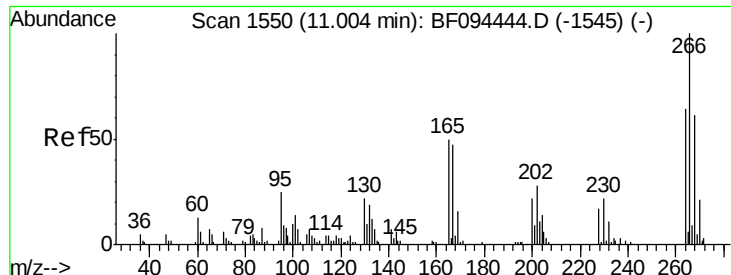
mohammad
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#68
Atrazine
Concen: 35.37 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	168257		
173	27.5	6.3	46.3	
215	45.5	27.2	67.2	





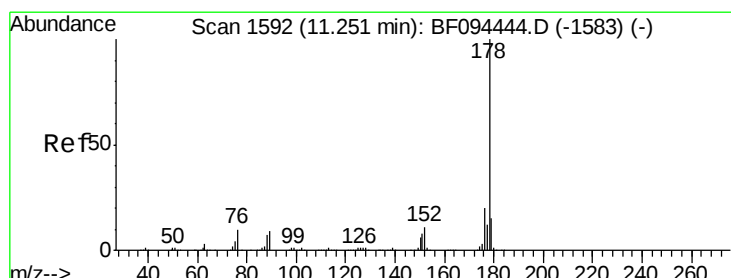
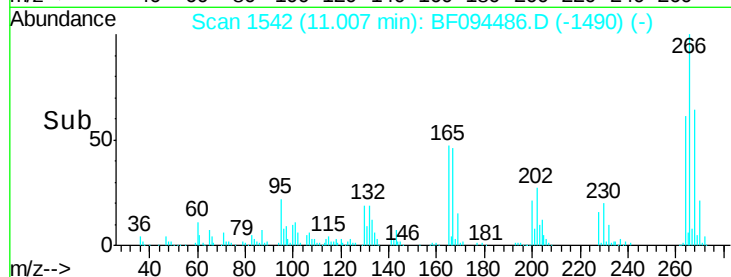
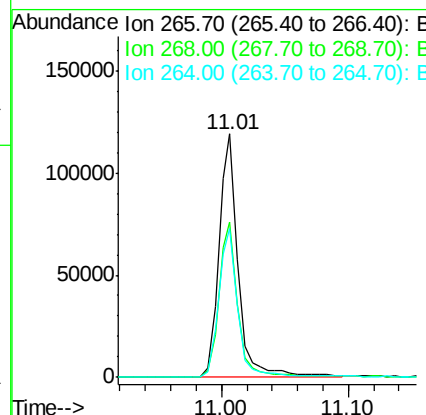
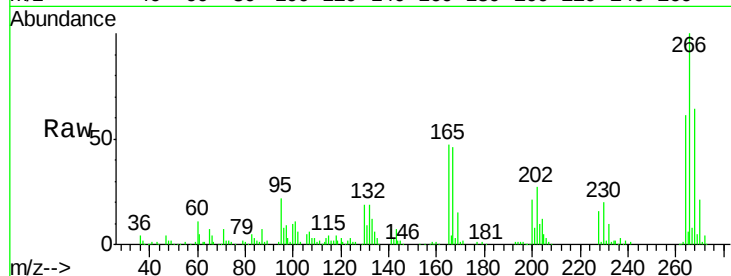
#69
 Pentachlorophenol
 Concen: 70.31 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	61.0	51.7	77.5

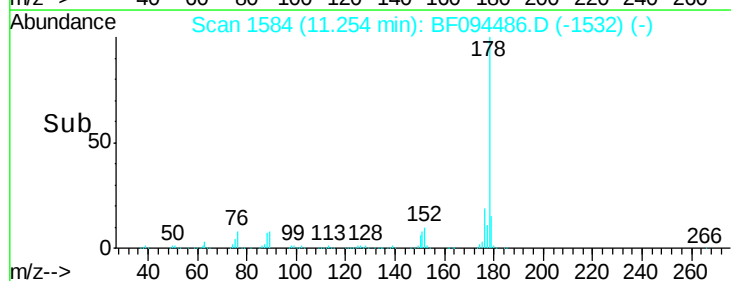
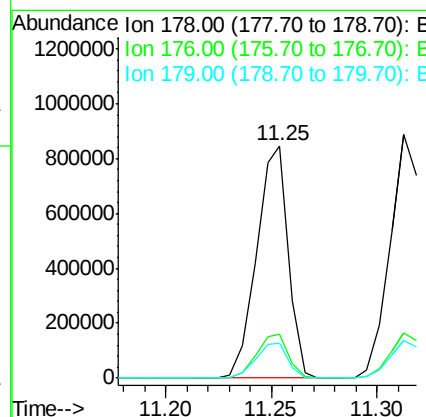
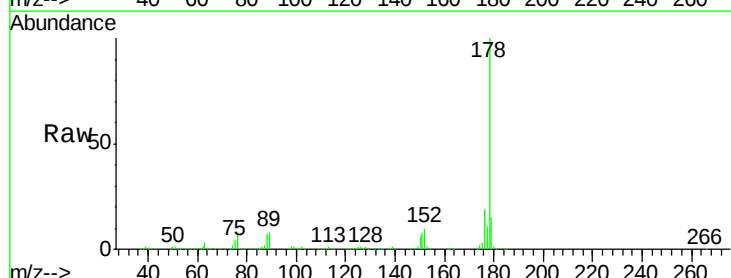
Manual Integrations
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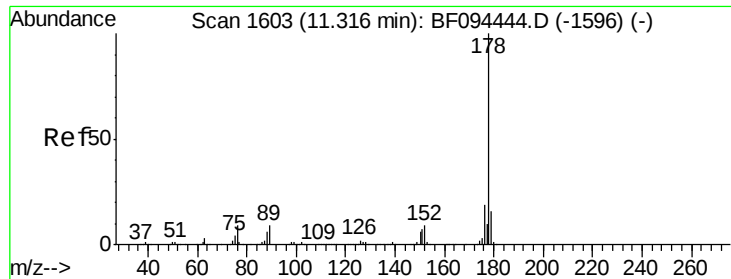
mohammad
 4/19/2017 1:33:03 PM



#70
 Phenanthrene
 Concen: 34.10 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.9	12.6	19.0





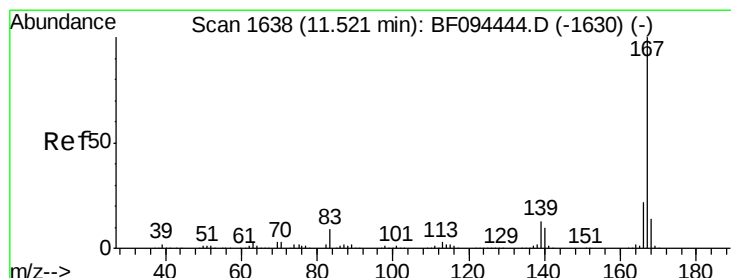
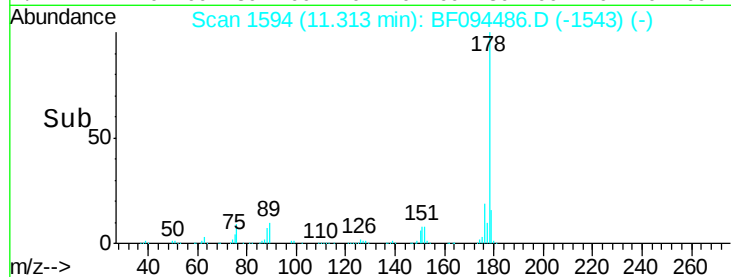
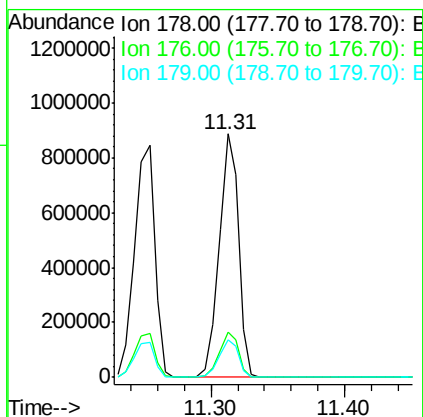
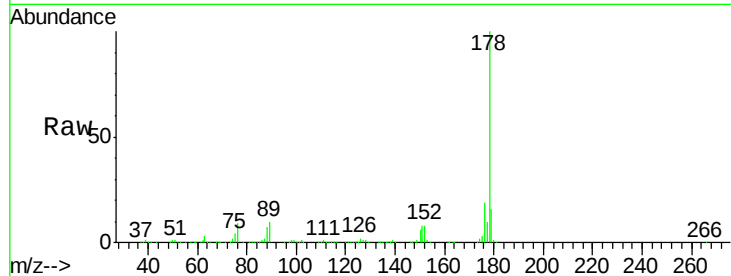
#71
 Anthracene
 Concen: 34.30 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		913619		
176	18.6	15.8	23.8		
179	15.6	12.7	19.1		

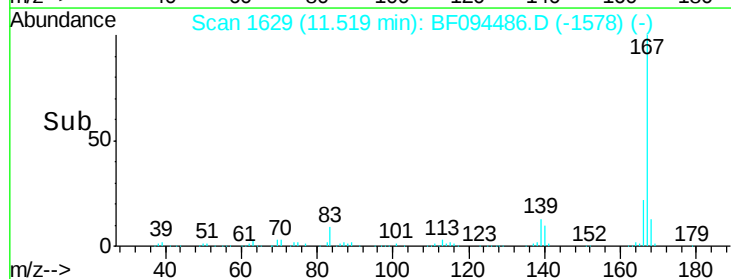
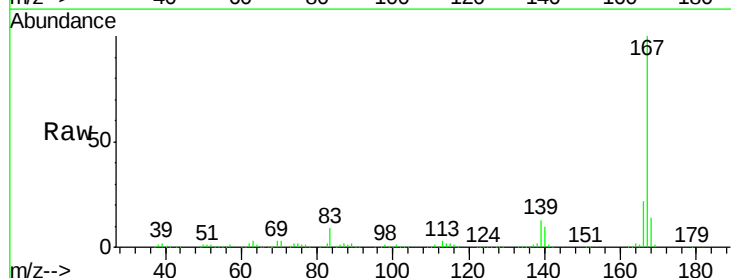
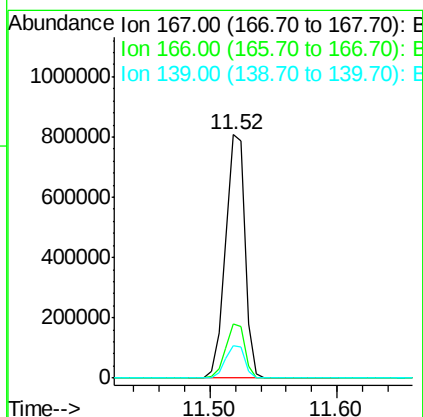
Manual Integrations
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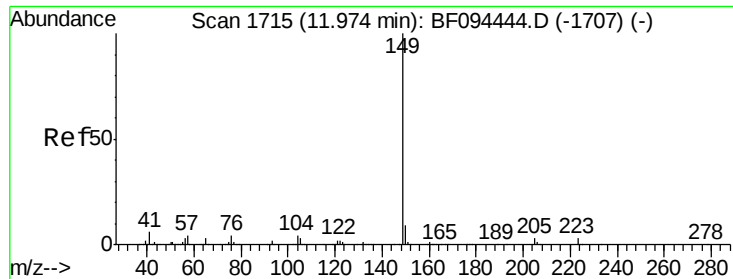
mohammad
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#72
 Carbazole
 Concen: 34.28 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		856998		
166	22.5	18.1	27.1		
139	13.3	11.7	17.5		





#73

Di-n-butylphthalate

Concen: 37.21 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

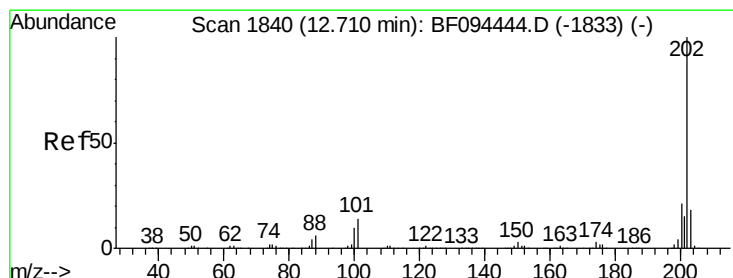
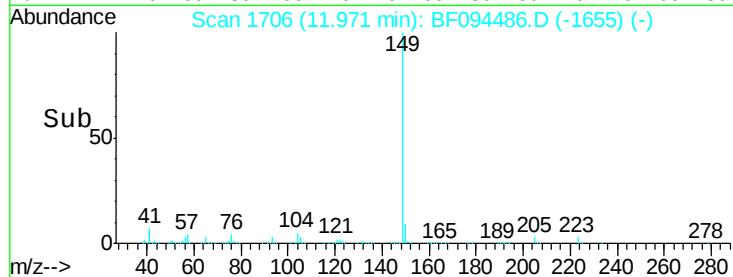
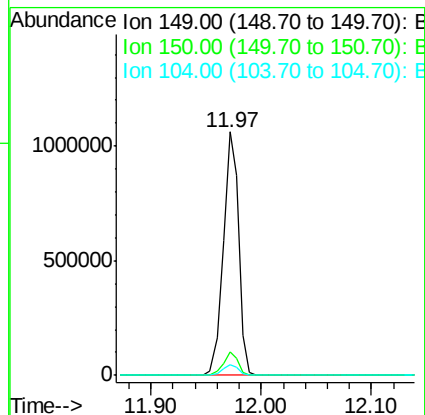
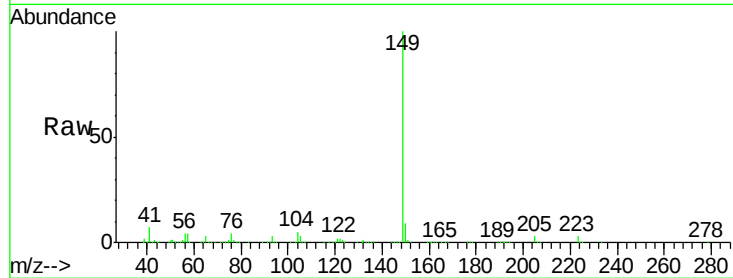
ClientSampled :

49C-9-11MS

Tot Ion:	149	Resp:	1024210
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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4/19/2017 1:33:03 PM



#74

Fluoranthene

Concen: 33.78 ng

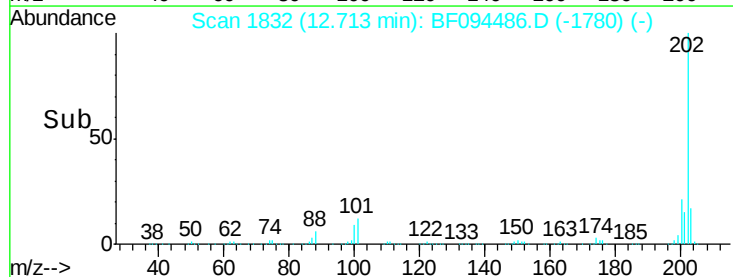
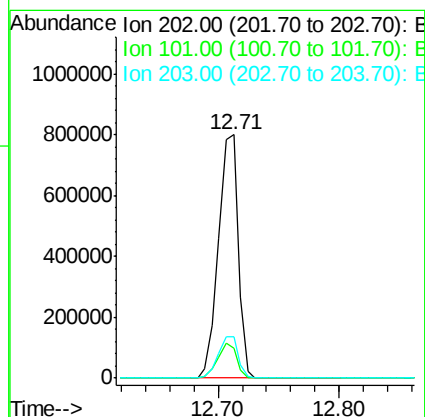
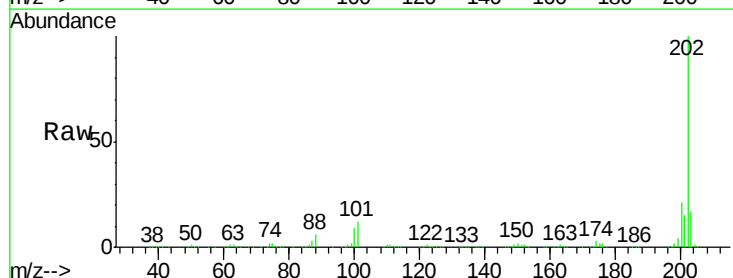
RT: 12.71 min Scan# 1832

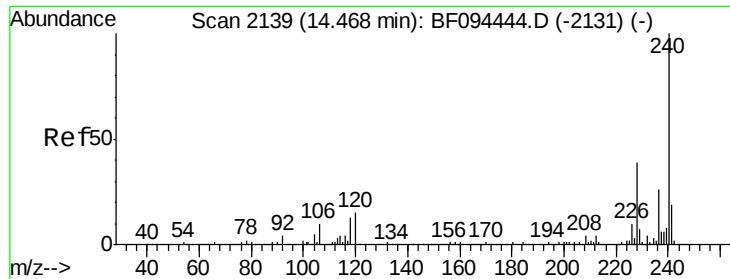
Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	202	Resp:	901340
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.2	0.0	38.1





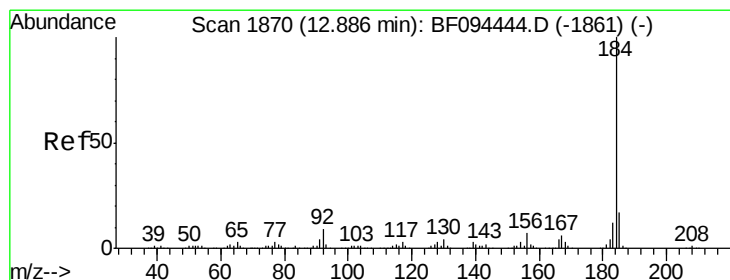
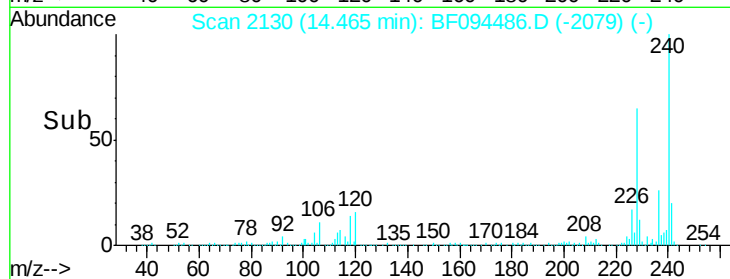
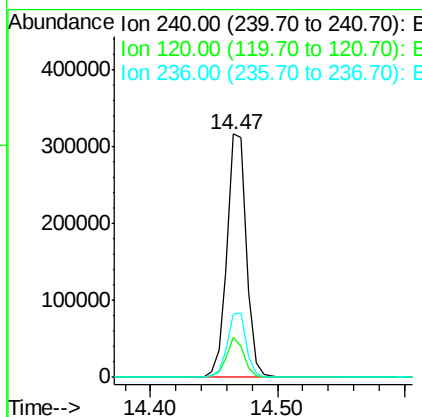
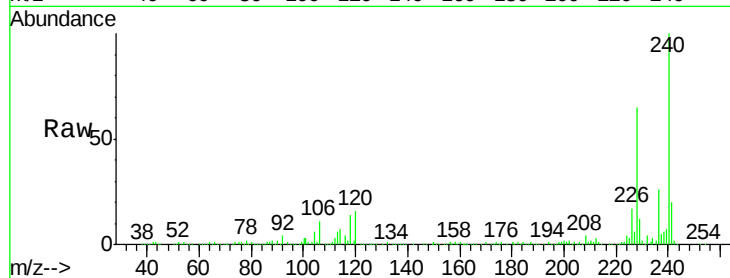
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	26.1	20.5	30.7

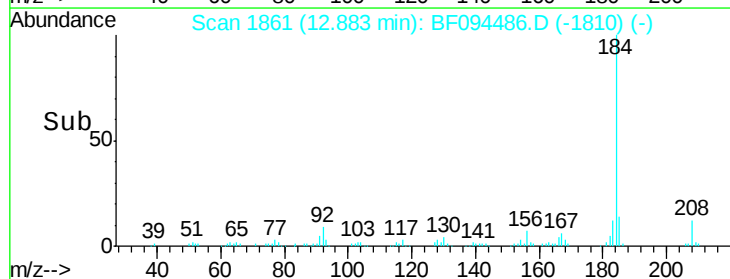
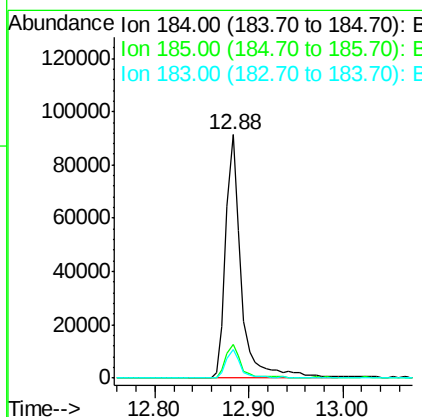
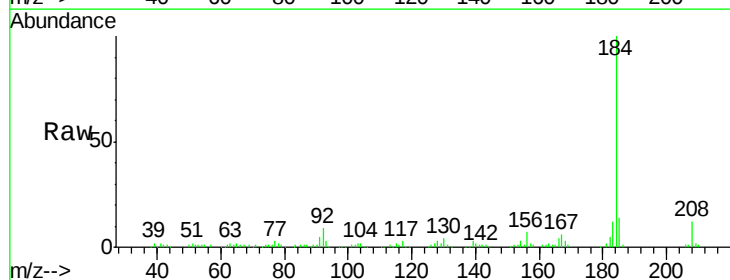
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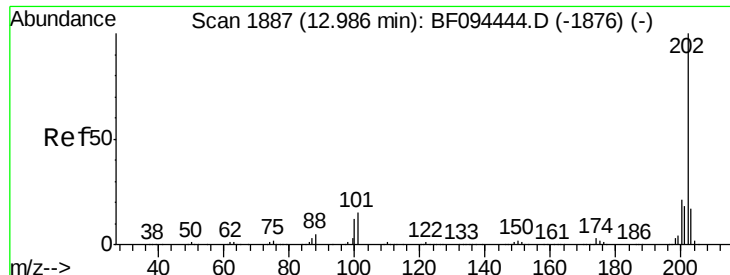
mohammad
4/19/2017 1:33:03 PM



#76
Benzidine
Concen: 7.74 ng
RT: 12.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	15.5	23.3#
183	11.7	9.8	14.6





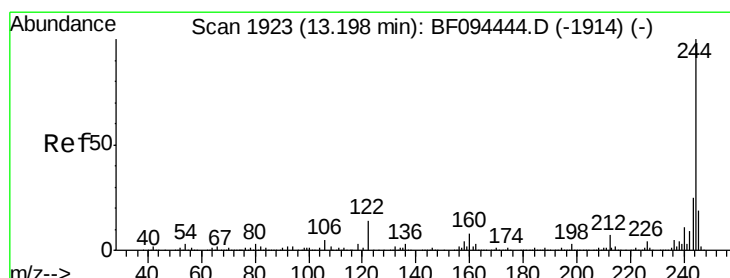
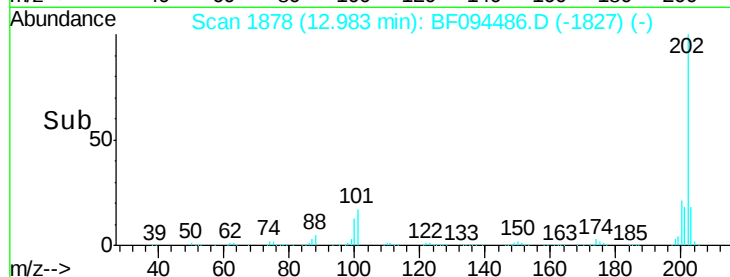
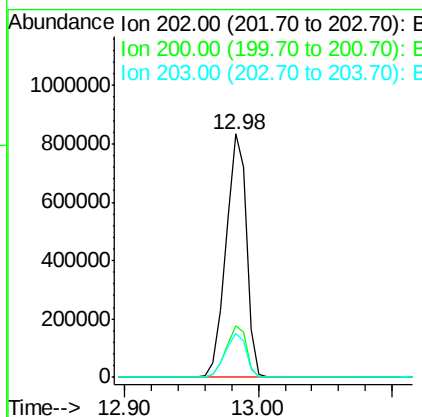
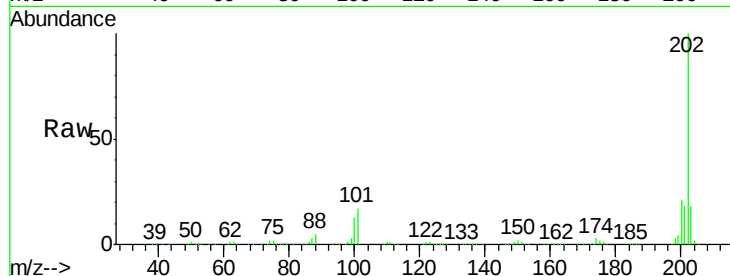
#77
Pvrene
Concen: 38.82 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3		17.6	26.4
203	18.0		14.4	21.6

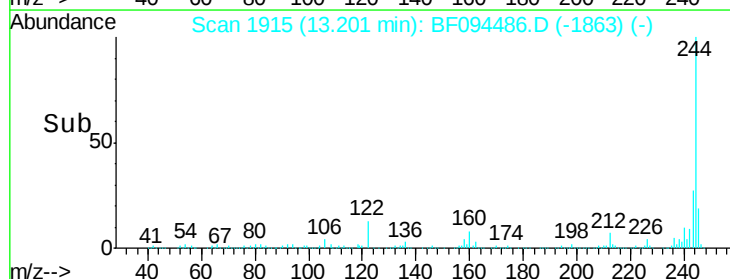
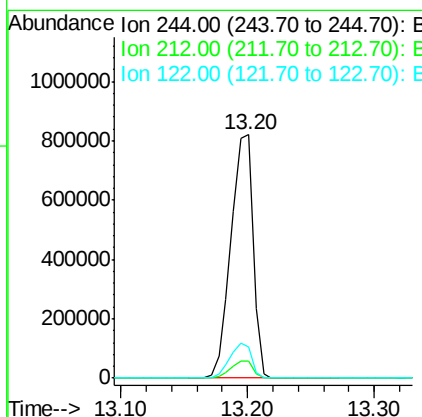
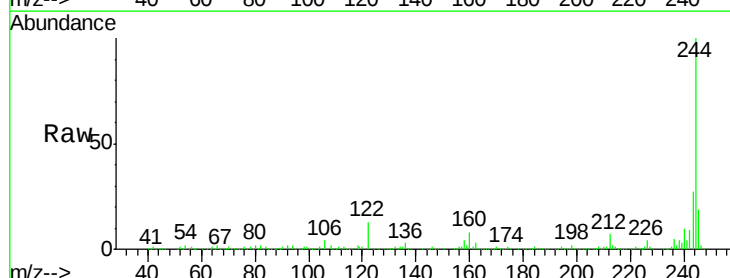
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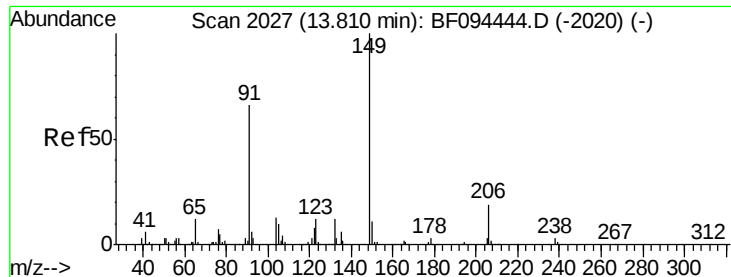
mohammad
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#78
Terphenyl-d14
Concen: 78.82 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0		6.0	9.0
122	12.6		10.3	15.5





#79

Butylbenzylphthalate

Concen: 39.67 ng

RT: 13.81 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

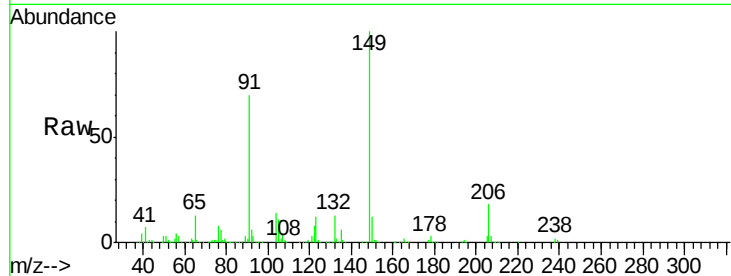
ClientSampleId :

49C-9-11MS

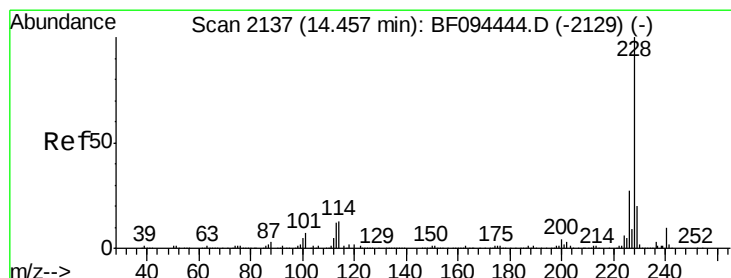
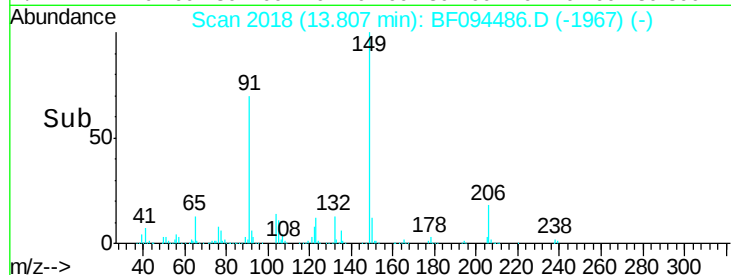
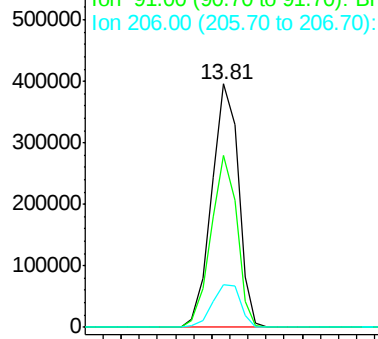
Tot Ion:	149	Resp:	407341
Ion Ratio	Lower	Upper	
149	100		
91	70.4	45.0	67.4#
206	17.7	17.0	25.6

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Abundance Ion 149.00 (148.70 to 149.70): E



#80

Benzo(a)anthracene

Concen: 34.35 ng

RT: 14.45 min Scan# 2128

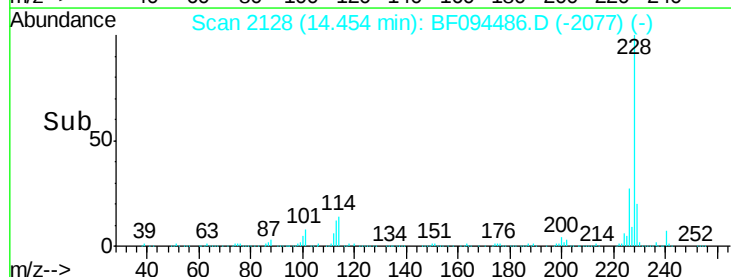
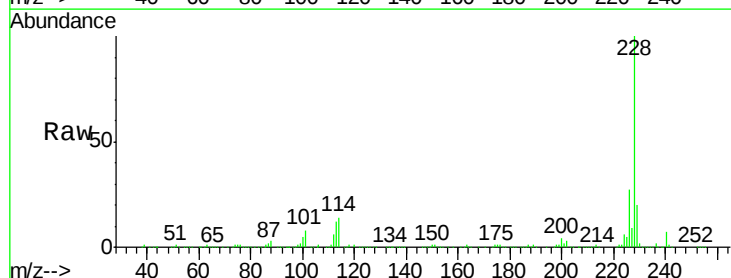
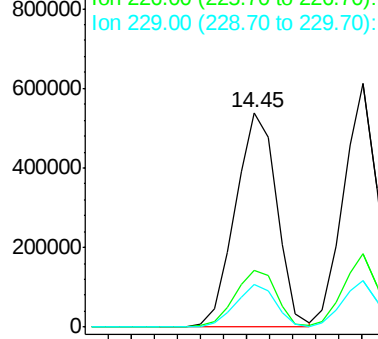
Delta R.T. -0.00 min

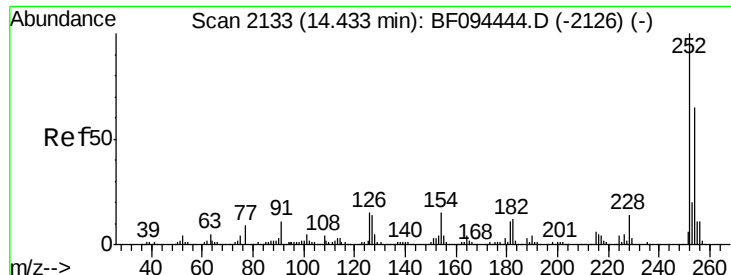
Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	228	Resp:	669469
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.6	33.8
229	19.8	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E





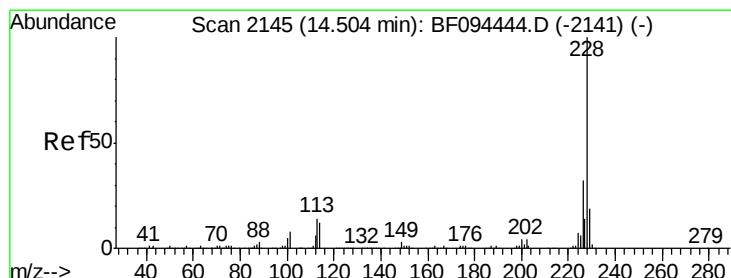
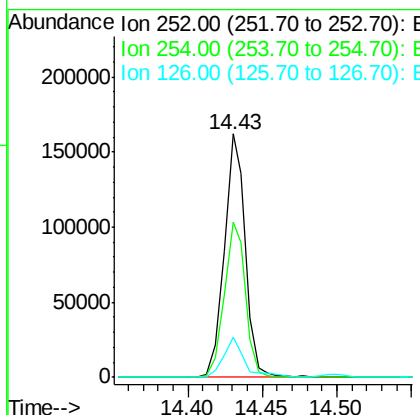
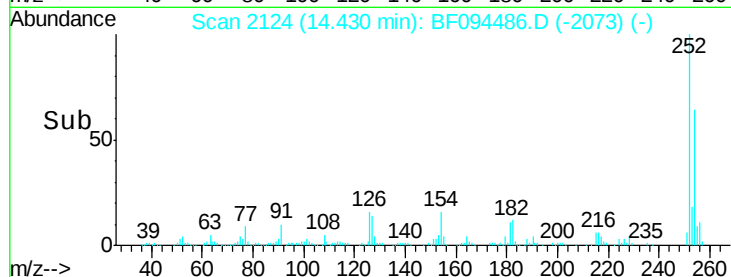
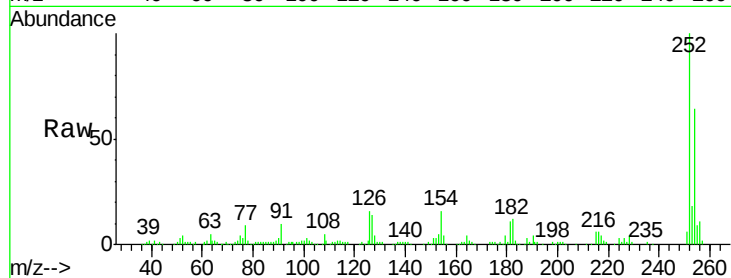
#81
 3,3'-Dichlorobenzidine
 Concen: 23.42 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	161622		
254	64.0		51.5	77.3
126	16.3		15.8	23.8

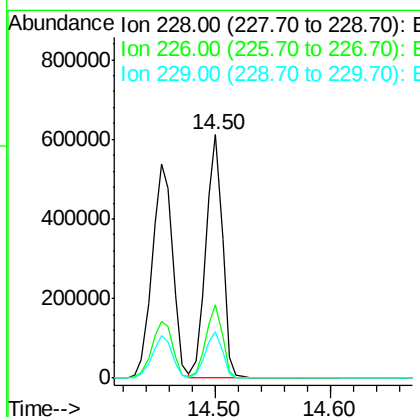
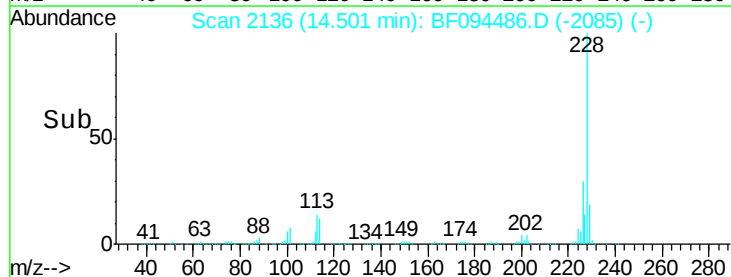
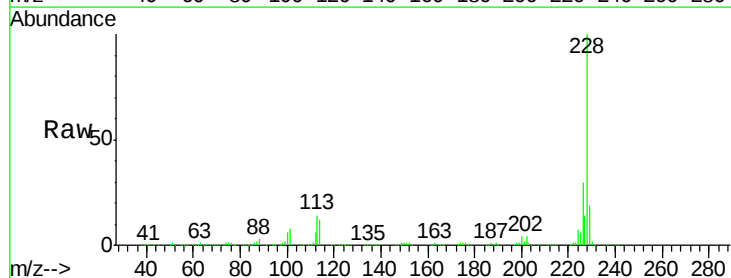
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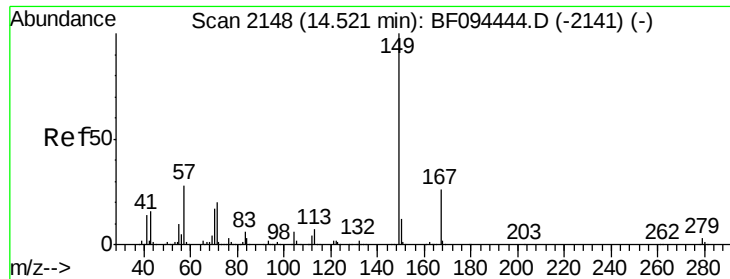
mohammad
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#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	614196		
226	30.1		24.9	37.3
229	19.2		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.97 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

49C-9-11MS

Tot Ion:149 Resp: 551048
Ion Ratio Lower Upper

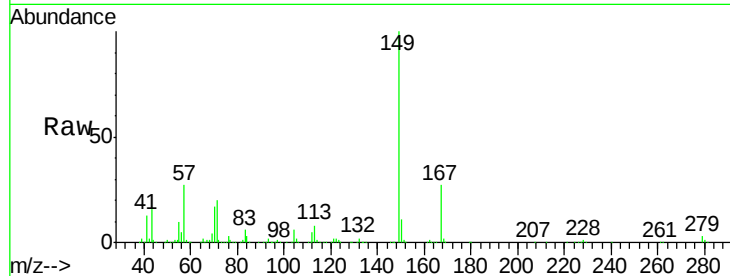
149 100

167 27.5 21.0 31.4

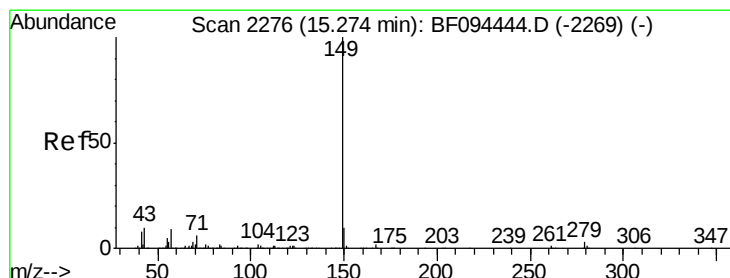
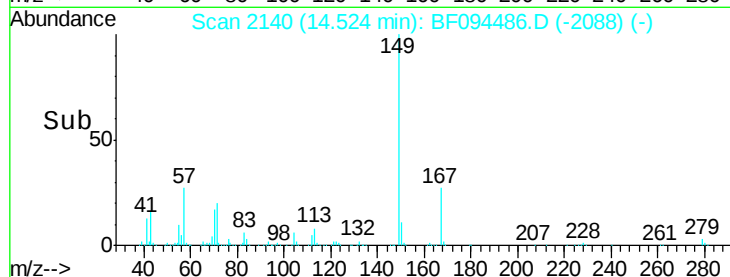
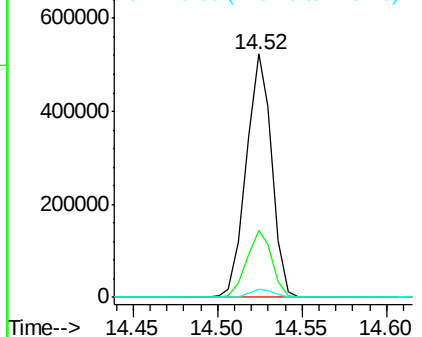
279 3.1 1.9 2.9#

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



#84

Di-n-octyl phthalate

Concen: 34.32 ng

RT: 15.28 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF094486.D

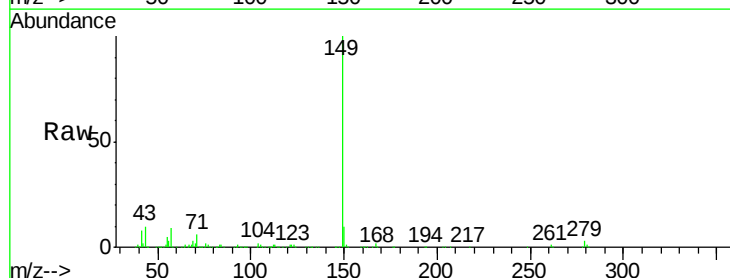
Acq: 18 Apr 2017 14:51

Tgt Ion:149 Resp: 793705
Ion Ratio Lower Upper

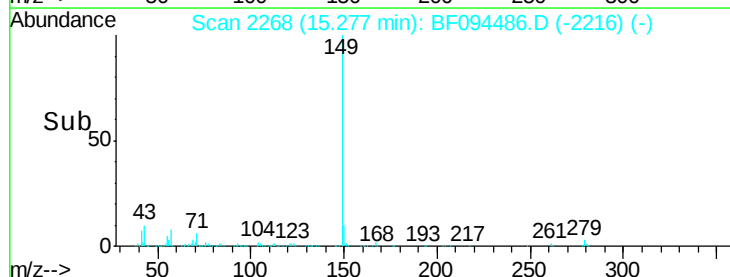
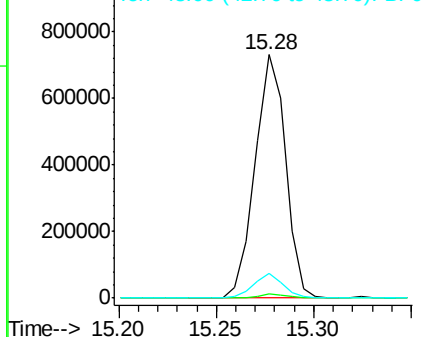
149 100

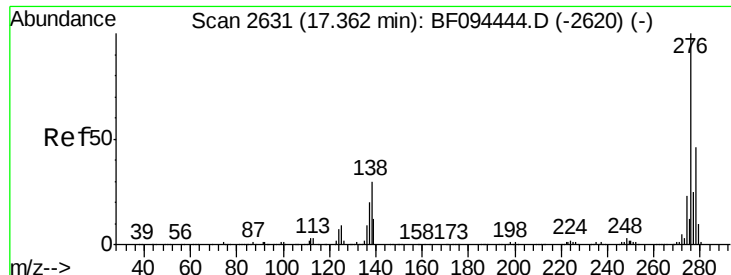
167 1.5 1.2 1.8

43 9.3 8.5 12.7



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





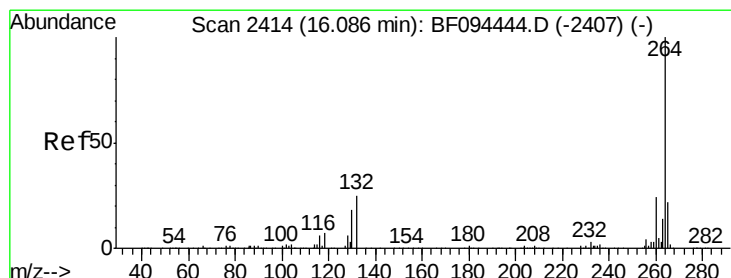
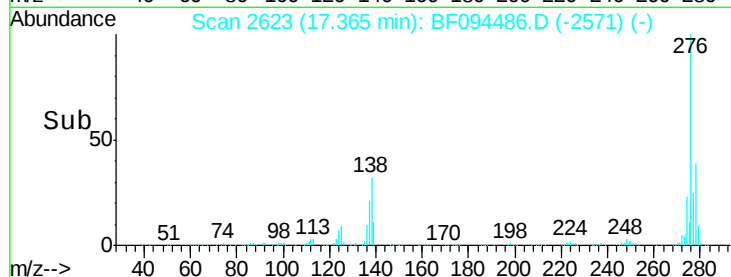
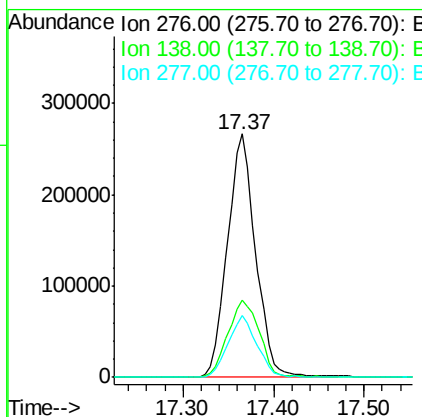
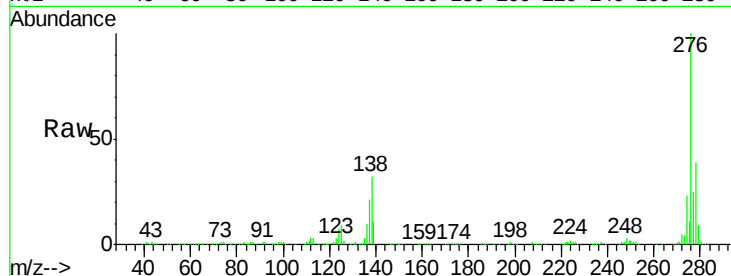
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.11 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	578196		
138	35.4		27.8	41.6
277	25.8		20.2	30.4

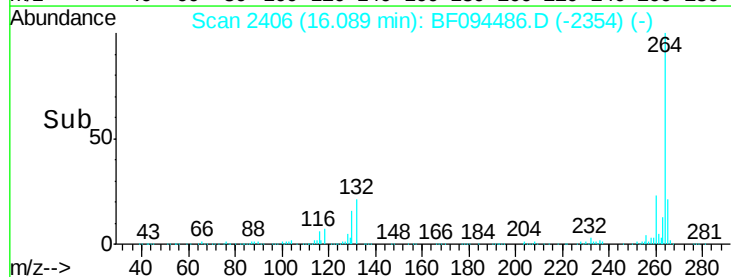
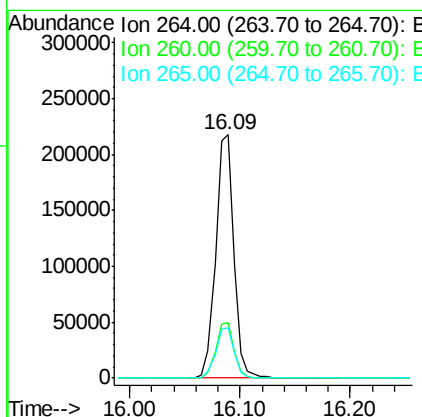
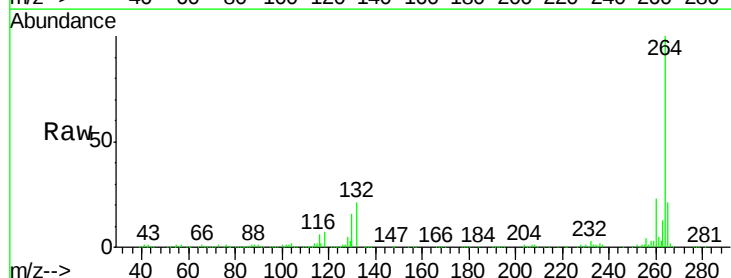
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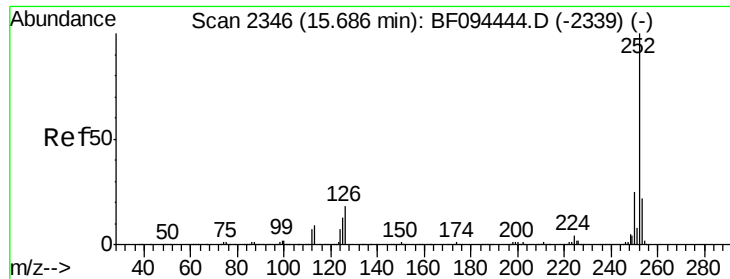
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	247563		
260	22.8		19.5	29.3
265	20.6		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 33.02 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

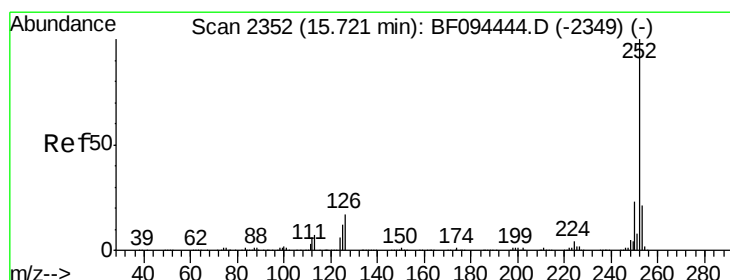
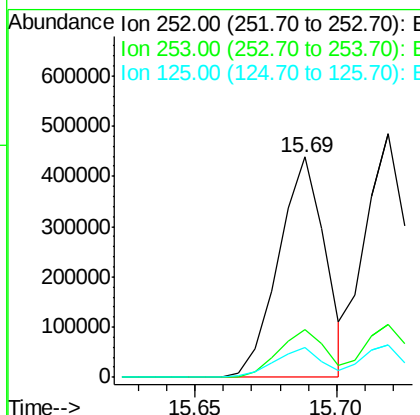
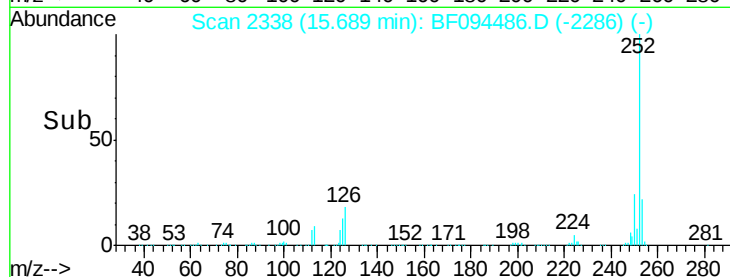
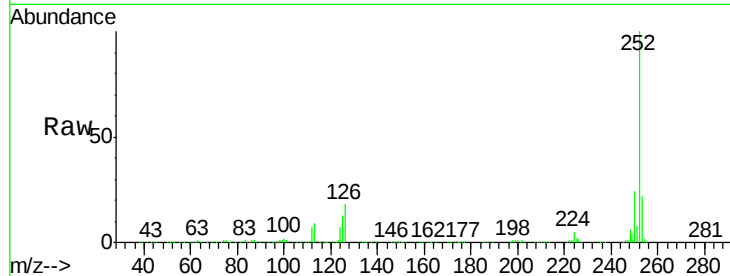
ClientSampleId :

49C-9-11MS

Tot Ion:	252	Resp:	500000
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	13.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 34.65 ng

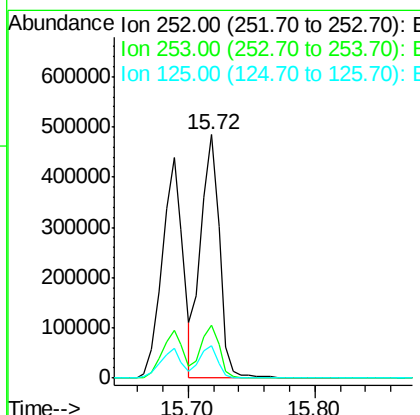
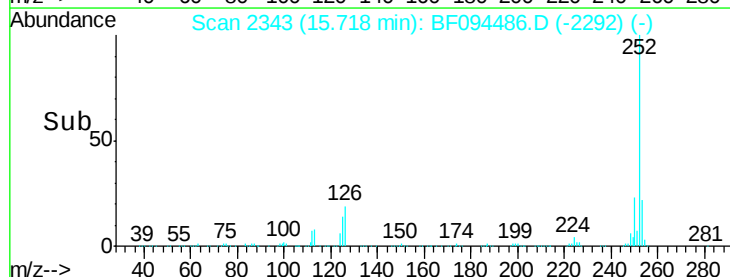
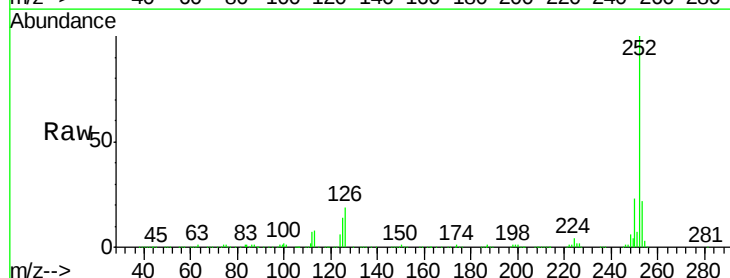
RT: 15.72 min Scan# 2343

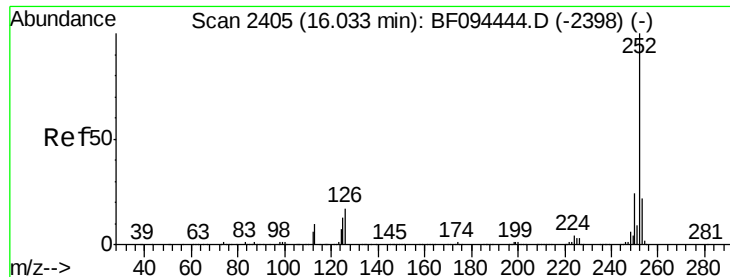
Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:	252	Resp:	496541
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	13.5	13.1	19.7





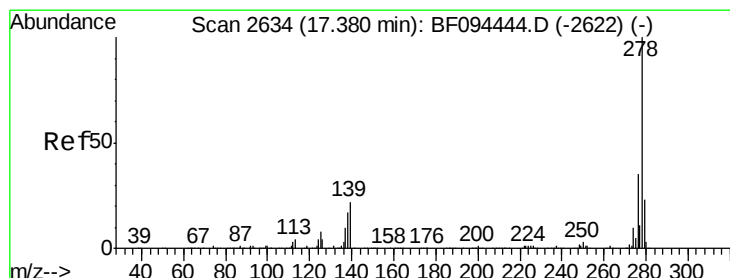
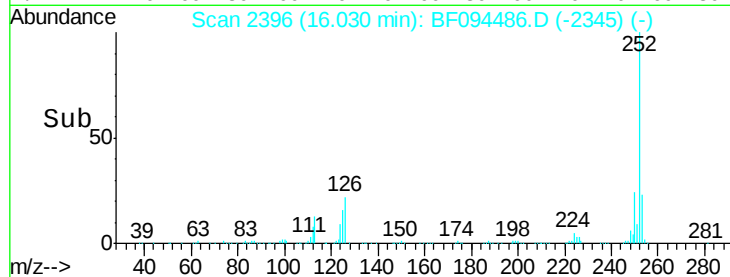
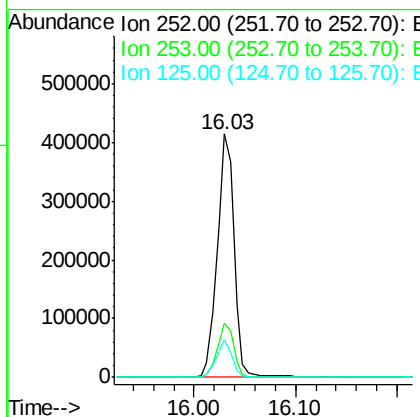
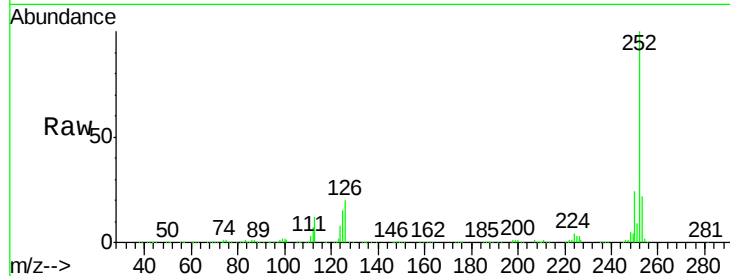
#89
Benzo(a)pyrene
Concen: 34.12 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampled :
49C-9-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.4	11.0	16.4

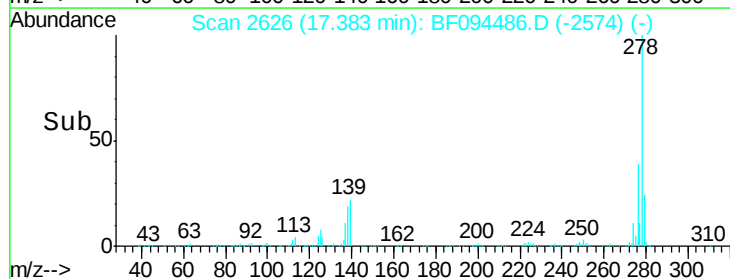
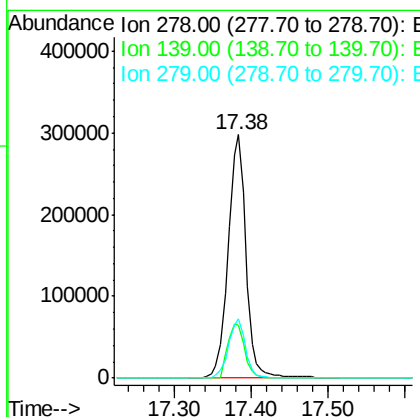
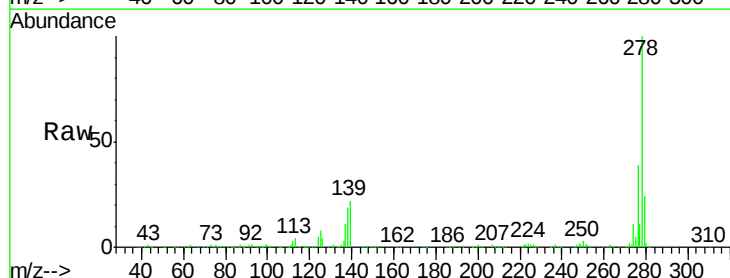
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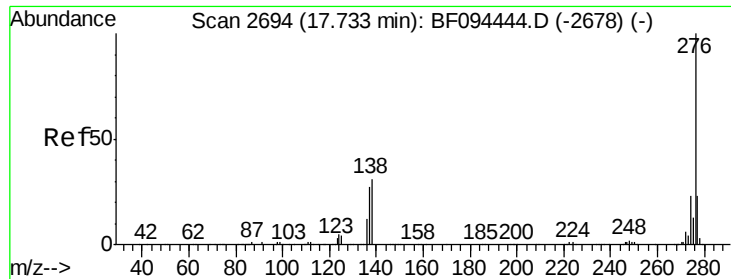
mohammad
4/19/2017 1:33:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.42 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.96 ng
 RT: 17.74 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 49C-9-11MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	29.2	25.4	38.0

Manual Integrations
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