

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094495.D
 Acq On : 18 Apr 2017 19:20
 Operator : SJ/MA
 Sample : I2741-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Manual Integrations
 APPROVED

mohammad
 4/19/2017 1:33:16 PM

Quant Time: Apr 19 02:18:24 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	5.78	152	124205	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	496830	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	209622	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	396133	20.00	ng	0.00
75) Chrysene-d12	14.47	240	261524	20.00	ng	0.00
86) Perylene-d12	16.09	264	255157	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	1093525	146.07	ng	0.03
7) Phenol-d6	5.41	99	1315591	149.06	ng	0.02
23) Nitrobenzene-d5	6.43	82	837938	104.14	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	265819	162.12	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1440493	101.11	ng	0.00
78) Terphenyl-d14	13.20	244	1228830	125.59	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	150882	34.65	ng	98
3) Pyridine	2.67	79	399398	41.97	ng	97
4) n-Nitrosodimethylamine	2.61	42	193504	49.15	ng	92
6) Aniline	5.41	93	334073	28.48	ng	# 80
8) 2-Chlorophenol	5.55	128	424552	49.84	ng	97
9) Benzaldehyde	5.27	77	81473	12.14	ng	97
10) Phenol	5.42	94	606563	55.94	ng	96
11) bis(2-Chloroethyl)ether	5.50	93	384966	48.60	ng	95
12) 1,3-Dichlorobenzene	5.71	146	461453	48.89	ng	98
13) 1,4-Dichlorobenzene	5.80	146	462586	48.71	ng	96
14) 1,2-Dichlorobenzene	5.97	146	431822	49.37	ng	97
15) Benzyl Alcohol	5.95	79	329931	50.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	532276	51.26	ng	65
17) 2-Methylphenol	6.10	107	348057	51.88	ng	# 92
18) Hexachloroethane	6.35	117	155664	47.82	ng	# 82
19) n-Nitroso-di-n-propylamine	6.27	70	307903	52.65	ng	98
20) 3+4-Methylphenols	6.28	107	485317	53.23	ng	# 63
22) Acetophenone	6.25	105	618348	51.19	ng	# 85
24) Nitrobenzene	6.45	77	426568	50.34	ng	96
25) Isophorone	6.74	82	786710	52.74	ng	95
26) 2-Nitrophenol	6.82	139	247627	54.40	ng	94
27) 2,4-Dimethylphenol	6.90	122	390435	52.80	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	505933	52.44	ng	100
29) 2,4-Dichlorophenol	7.12	162	368165	53.52	ng	99
30) 1,2,4-Trichlorobenzene	7.21	180	366094	51.48	ng	99
31) Naphthalene	7.30	128	1206062	50.50	ng	100
32) Benzoic acid	7.03	122	46873	11.99	ng	94
33) 4-Chloroaniline	7.37	127	81996	8.25	ng	# 92
34) Hexachlorobutadiene	7.45	225	180642	50.95	ng	96
35) Caprolactam	7.83	113	121335m	56.15	ng	
36) 4-Chloro-3-methylphenol	8.00	107	359973	49.94	ng	89
37) 2-Methylnaphthalene	8.14	142	831384	50.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	310935	52.09	ng	99
40) Hexachlorocyclopentadiene	8.33	237	258327	106.98	ng	99

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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	238529	56.90	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	245358	57.00	nq #	92
45) 1,1'-Biphenyl	8.71	154	857218	50.05	nq	98
46) 2-Chloronaphthalene	8.73	162	705979	51.84	nq	97
47) 2-Nitroaniline	8.87	65	207861	53.06	nq #	78
48) Acenaphthylene	9.23	152	1068972	50.35	nq	100
49) Dimethylphthalate	9.11	163	1161087	74.32	nq	99
50) 2,6-Dinitrotoluene	9.17	165	190441	54.31	nq	90
51) Acenaphthene	9.45	154	645838	50.79	nq	98
52) 3-Nitroaniline	9.37	138	118319	29.17	nq	87
53) 2,4-Dinitrophenol	9.51	184	136872	72.52	nq #	65
54) Dibenzofuran	9.66	168	945215	51.15	nq	99
55) 4-Nitrophenol	9.64	139	286822	100.08	nq #	74
56) 2,4-Dinitrotoluene	9.67	165	240501	55.90	nq #	82
57) Fluorene	10.08	166	726356	50.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	173769	56.32	nq #	96
59) Diethylphthalate	9.97	149	809717	54.93	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	319005	53.26	nq	95
61) 4-Nitroaniline	10.13	138	197699	47.94	nq	97
62) Azobenzene	10.28	77	770258	53.82	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	121371	46.76	nq #	68
65) n-Nitrosodiphenylamine	10.24	169	688322	49.96	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	205704	52.30	nq	98
67) Hexachlorobenzene	10.75	284	207508	52.35	nq #	87
68) Atrazine	10.91	200	216795	52.60	nq	96
69) Pentachlorophenol	11.01	266	193356	122.84	nq	98
70) Phenanthrene	11.25	178	1148788	51.50	nq	99
71) Anthracene	11.32	178	1171092	50.75	nq	99
72) Carbazole	11.52	167	1100993	50.84	nq	98
73) Di-n-butylphthalate	11.98	149	1343887	56.36	nq	99
74) Fluoranthene	12.71	202	1130001	48.88	nq	99
76) Benzidine	12.89	184	429079	40.52	nq #	93
77) Pyrene	12.99	202	1113924	60.97	nq	99
79) Butylbenzylphthalate	13.81	149	510724	63.78	nq #	85
80) Benzo(a)anthracene	14.46	228	808328	53.18	nq	97
81) 3,3'-Dichlorobenzidine	14.44	252	158708	29.49	nq #	96
82) Chrysene	14.50	228	747550	53.81	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	674319	62.72	nq	99
84) Di-n-octyl phthalate	15.28	149	1126829	62.48	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	846150	64.01	nq	99
87) Benzo(b)fluoranthene	15.69	252	808392	51.79	nq	99
88) Benzo(k)fluoranthene	15.72	252	738173	49.97	nq #	96
89) Benzo(a)pyrene	16.04	252	759292	52.29	nq	97
90) Dibenzo(a,h)anthracene	17.39	278	694301	57.58	nq	98
91) Benzo(g,h,i)perylene	17.75	276	726454	59.18	nq	100

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

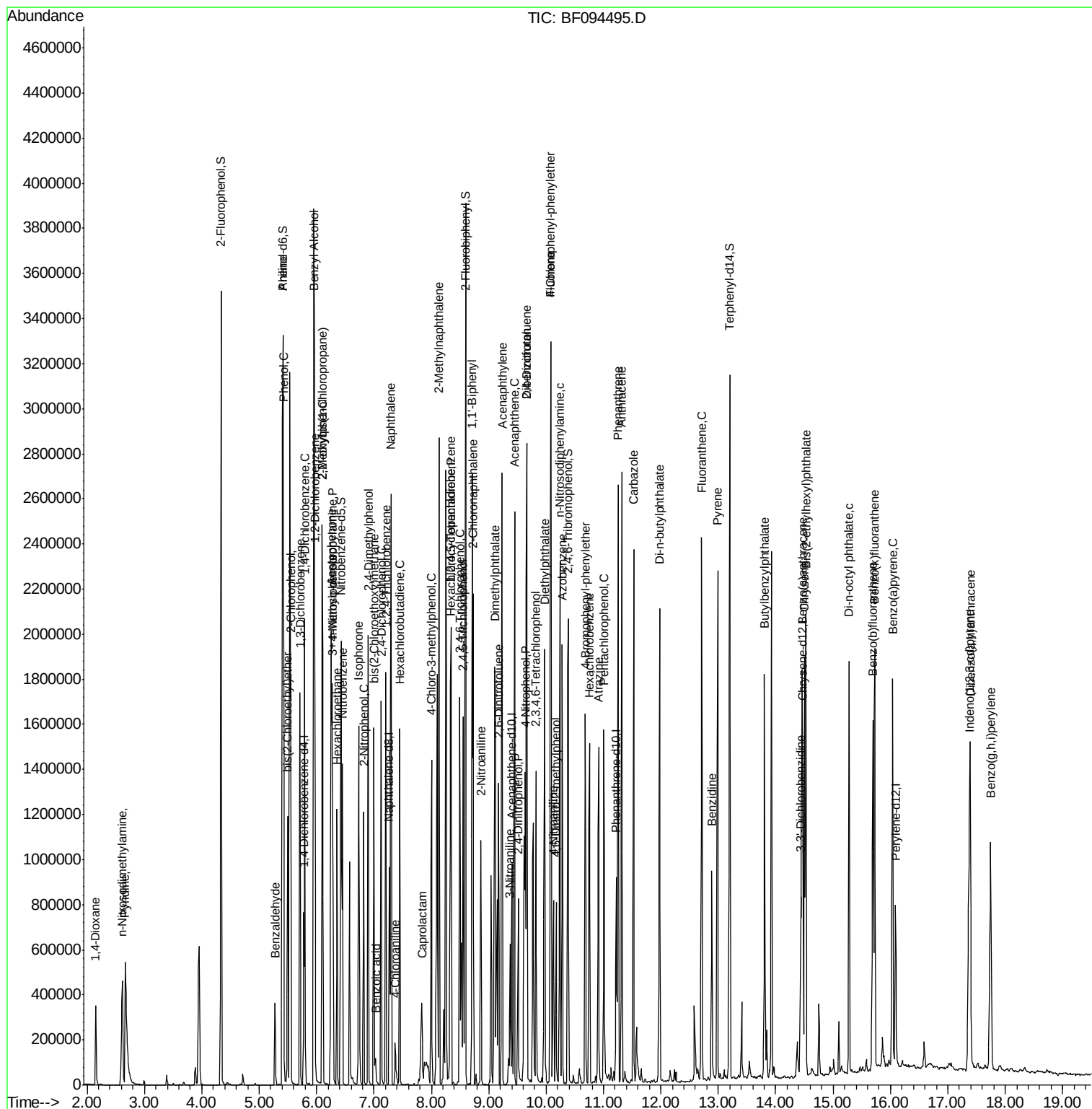
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\  
Data File : BF094495.D  
Acq On    : 18 Apr 2017  19:20  
Operator  : SJ/MA  
Sample    : I2741-01MSD  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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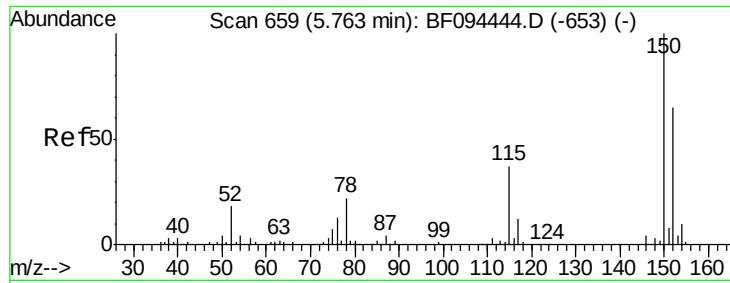
Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

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#1

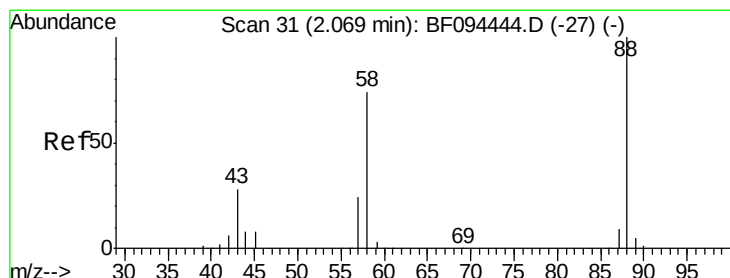
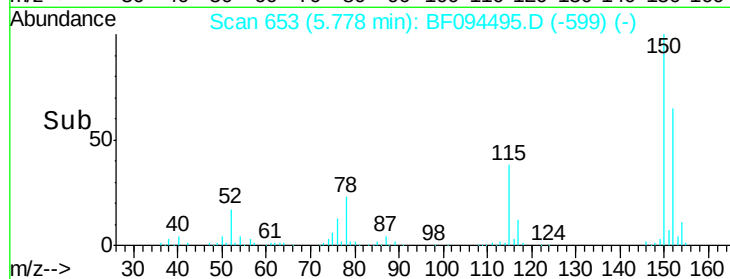
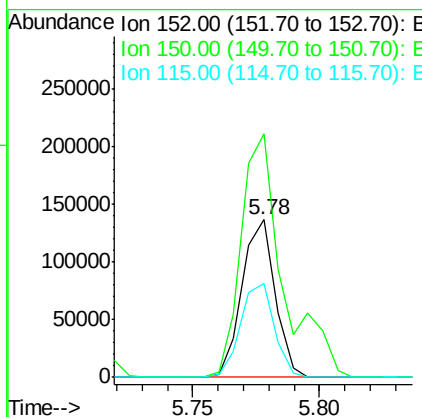
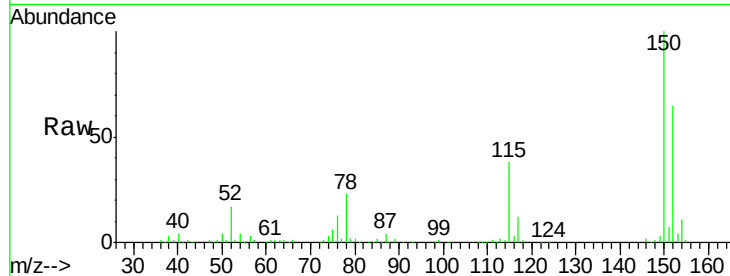
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	59.3	52.2	78.2

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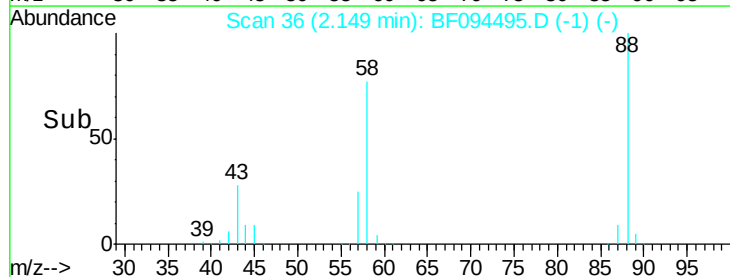
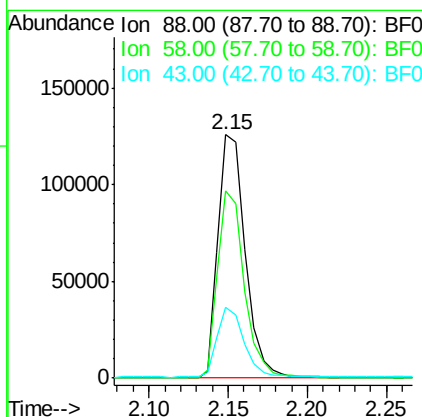
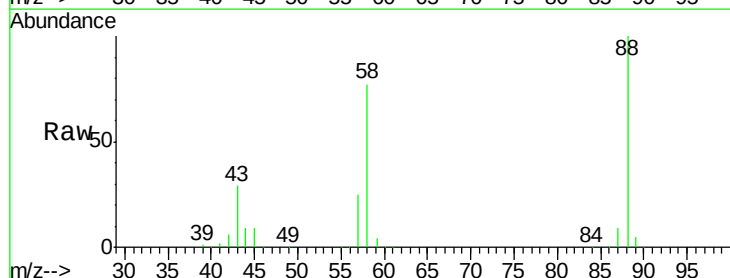
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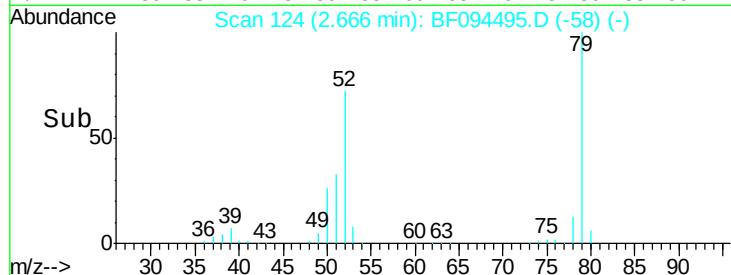
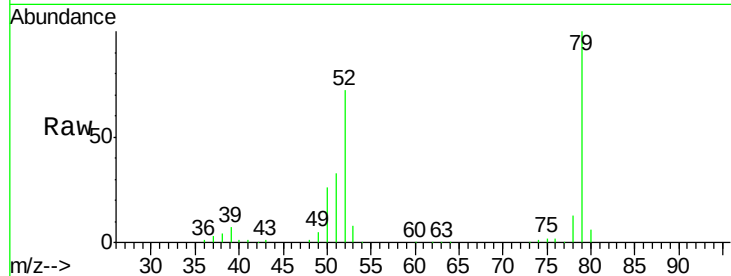
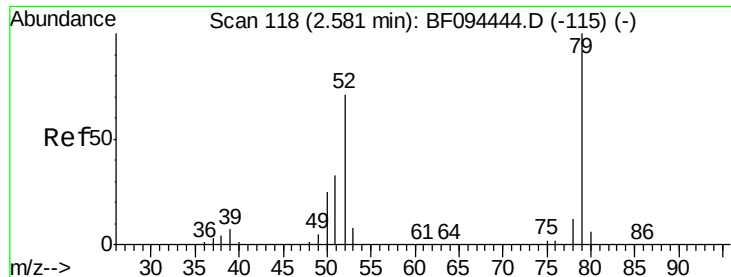


#2

1,4-Dioxane
Concen: 34.65 ng
RT: 2.15 min Scan# 36
Delta R.T. 0.08 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.4	92.0
43	28.3	23.4	35.0





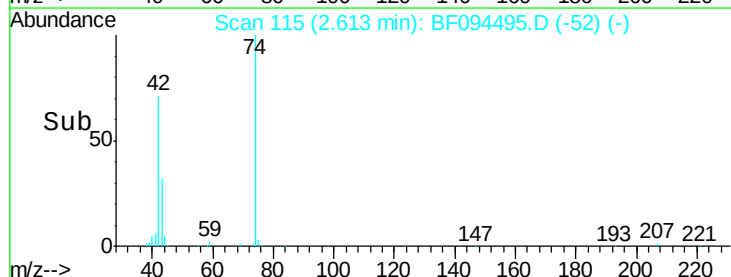
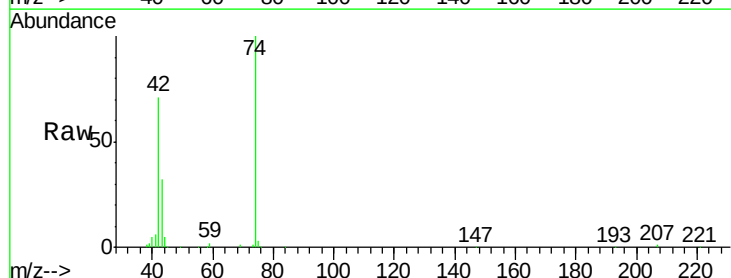
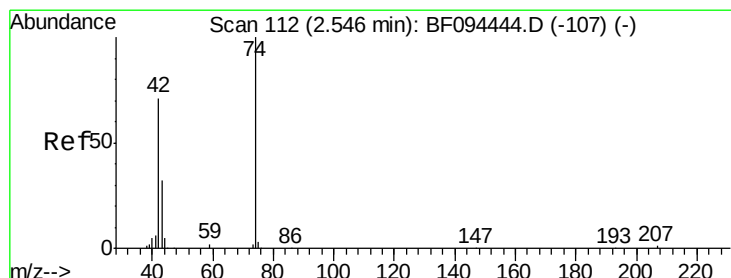
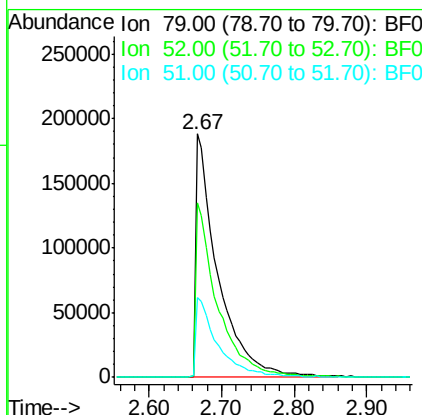
#3
Pvridine
Concen: 41.97 ng
RT: 2.67 min Scan# 124
Delta R.T. 0.09 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tot Ion:	79	Resp:	399398
Ion Ratio	Lower	Upper	
79	100		
52	71.5	54.8	82.2
51	32.9	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

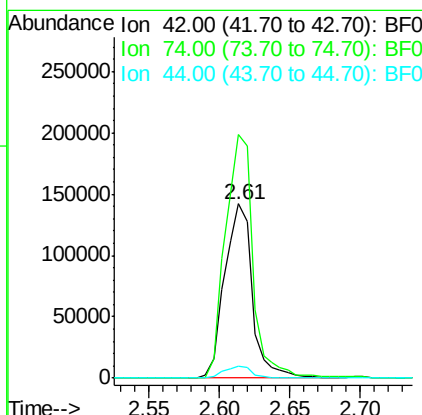
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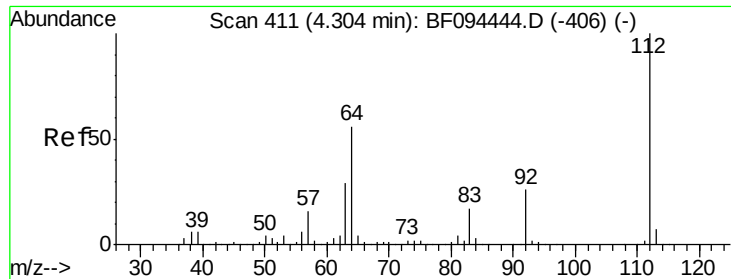
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#4
n-Nitrosodimethylamine
Concen: 49.15 ng
RT: 2.61 min Scan# 115
Delta R.T. 0.07 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion:	42	Resp:	193504
Ion Ratio	Lower	Upper	
42	100		
74	140.0	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 146.07 ng

RT: 4.34 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

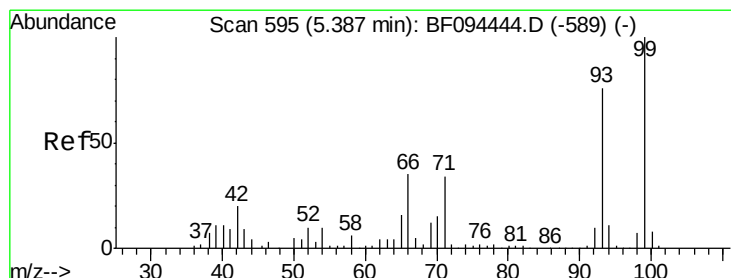
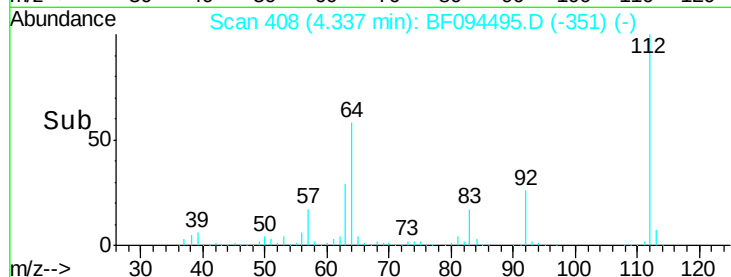
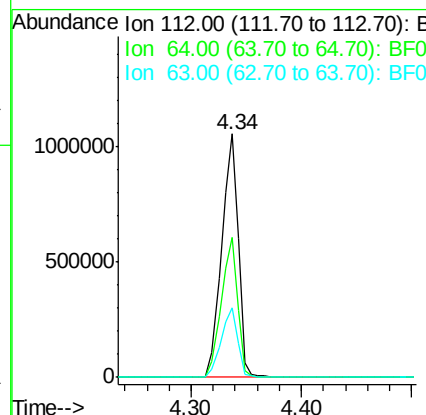
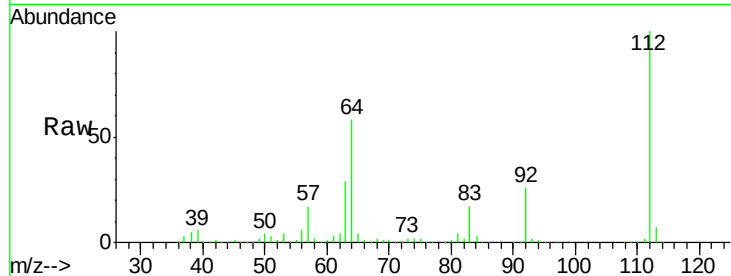
ClientSampleId :

WDS-02MSD

Tot Ion:	112	Resp:	1093525
Ion Ratio	Lower	Upper	
112	100		
64	57.5	46.0	69.0
63	28.7	23.4	35.0

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#6

Aniline

Concen: 28.48 ng

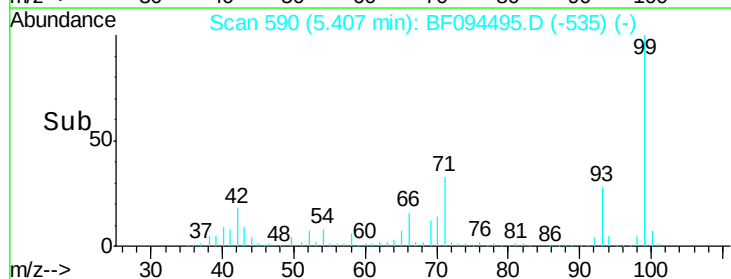
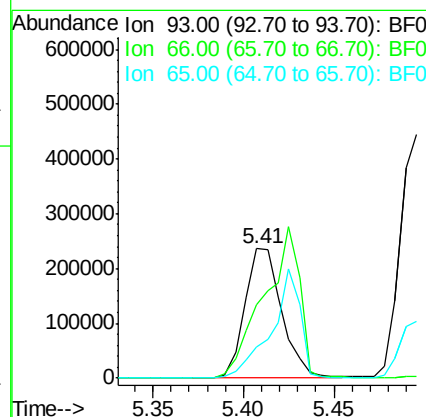
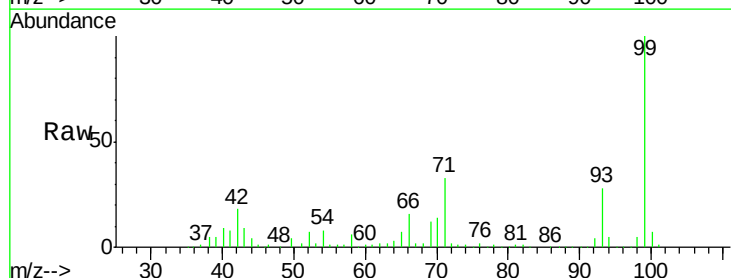
RT: 5.41 min Scan# 590

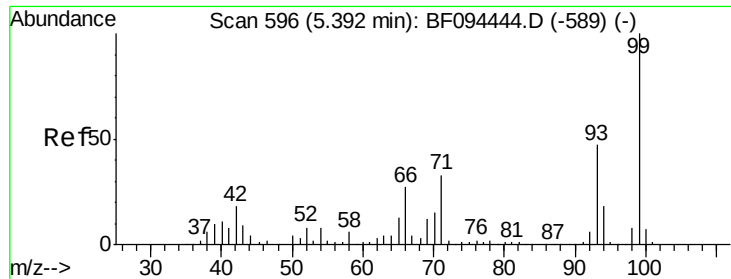
Delta R.T. 0.02 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Tgt Ion:	93	Resp:	334073
Ion Ratio	Lower	Upper	
93	100		
66	56.9	32.9	49.3#
65	24.4	16.0	24.0#





#7

Phenol-d6

Concen: 149.06 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

ClientSampleId :

WDS-02MSD

Tot Ion: 99 Resp: 131591

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

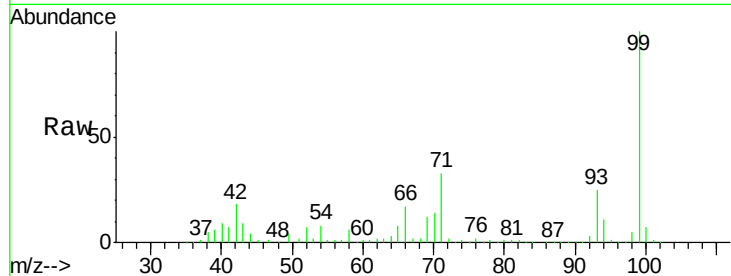
71 33.5 24.5 36.7

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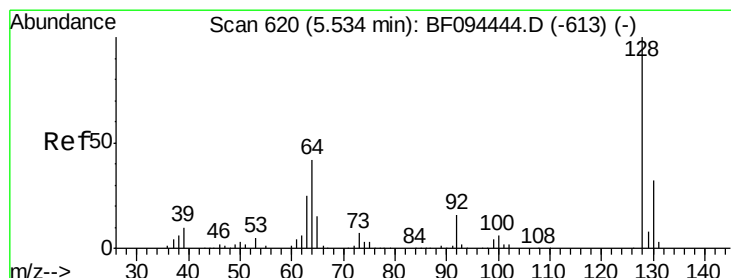
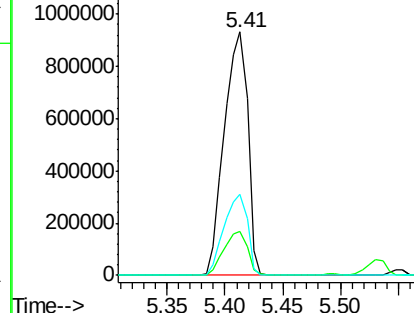
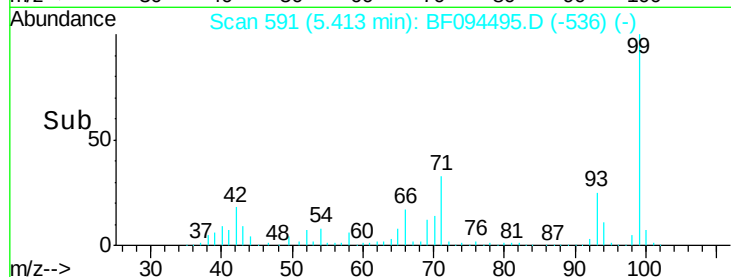
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.84 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

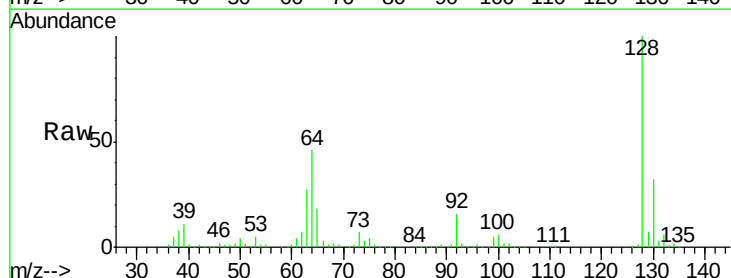
Tgt Ion: 128 Resp: 424552

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

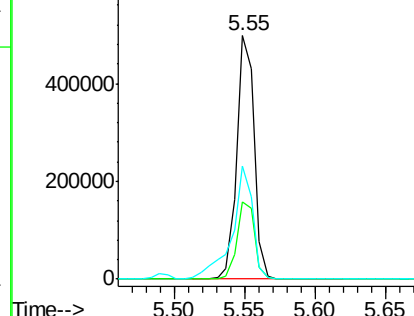
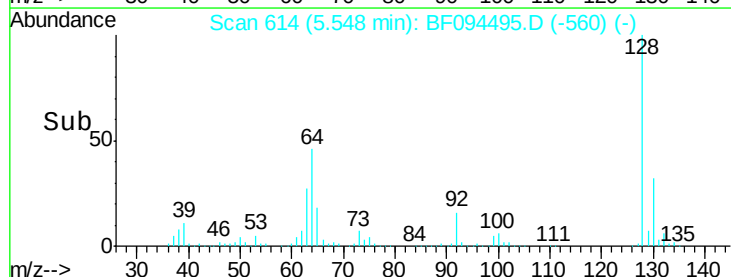
64 46.5 28.4 68.4

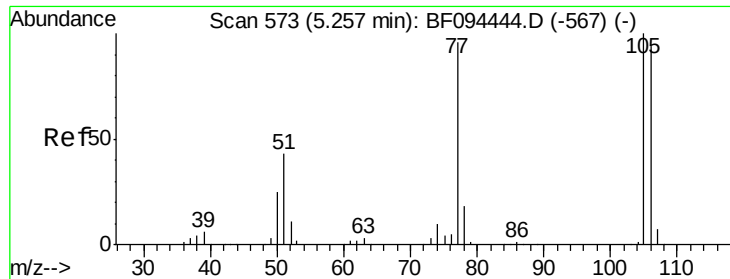


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.14 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

ClientSampleId :

WDS-02MSD

Tot Ion: 77 Resp: 81473

Ion Ratio Lower Upper

77 100

105 101.8 83.8 123.8

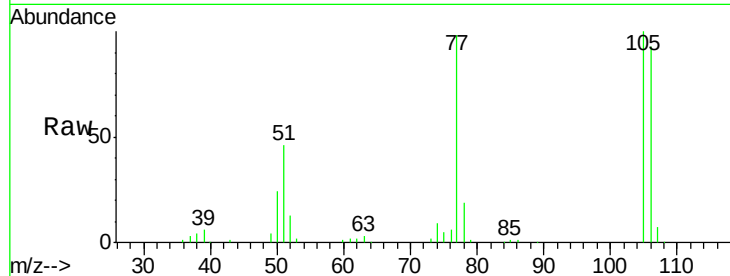
106 95.0 79.1 119.1

Manual Integrations

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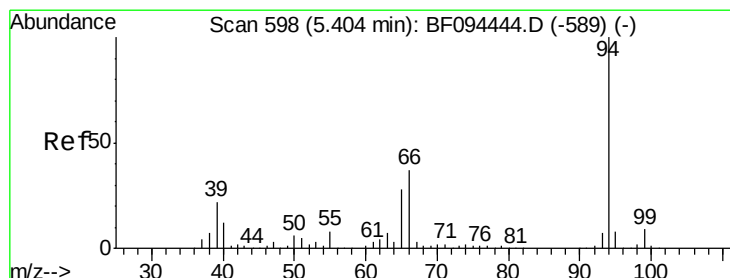
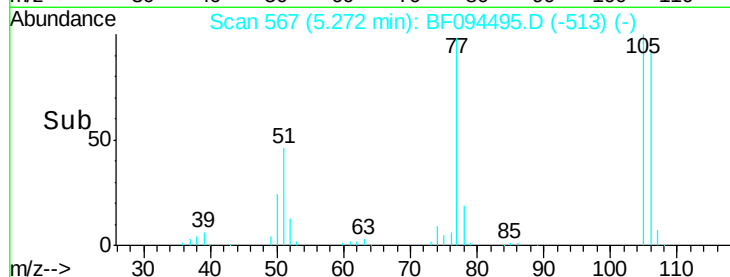
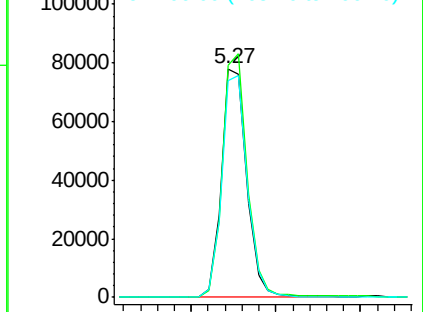
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 55.94 ng

RT: 5.42 min Scan# 593

Delta R.T. 0.02 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

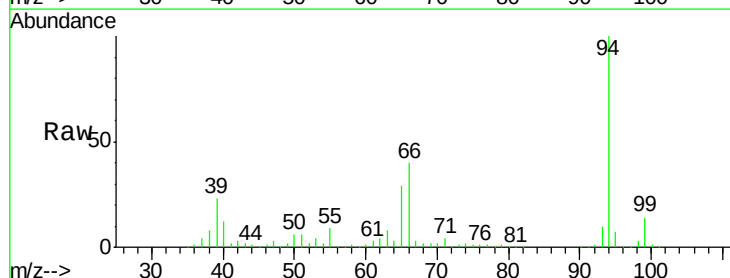
Tgt Ion: 94 Resp: 606563

Ion Ratio Lower Upper

94 100

65 28.6 9.9 49.9

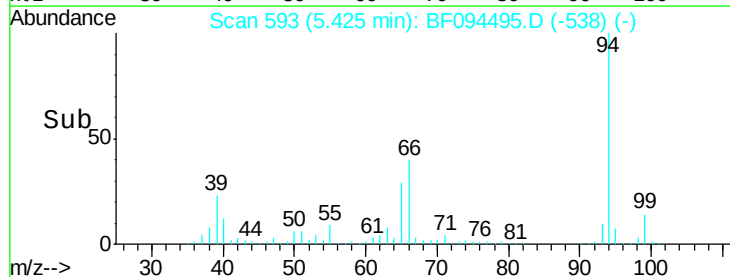
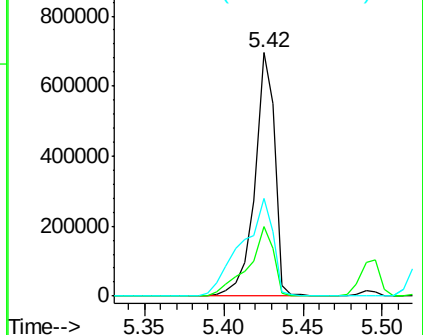
66 39.9 23.1 63.1

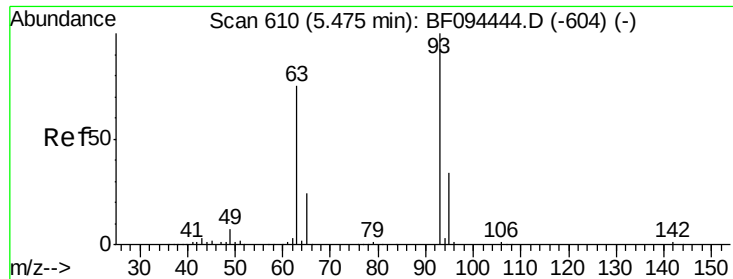


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





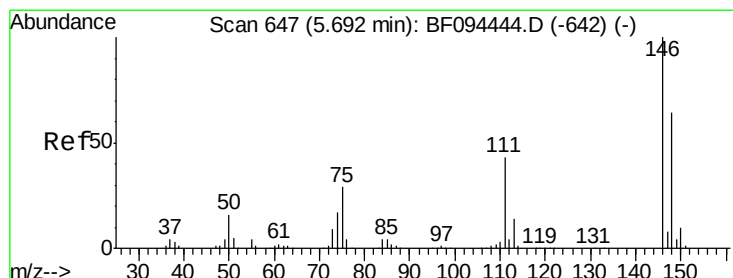
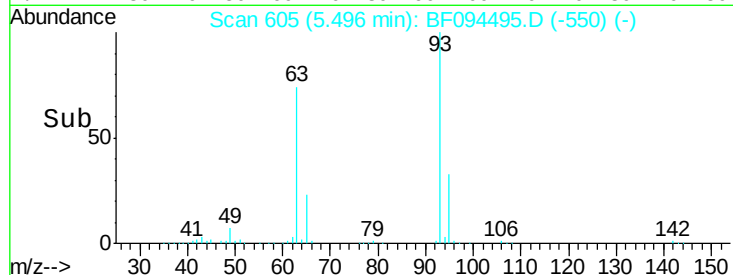
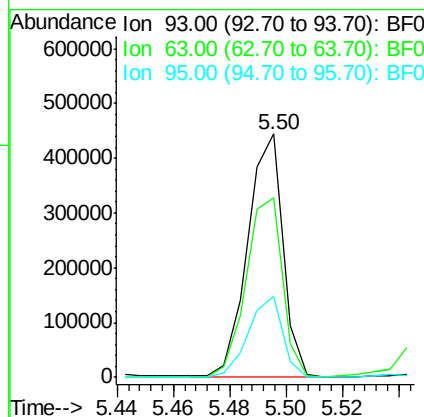
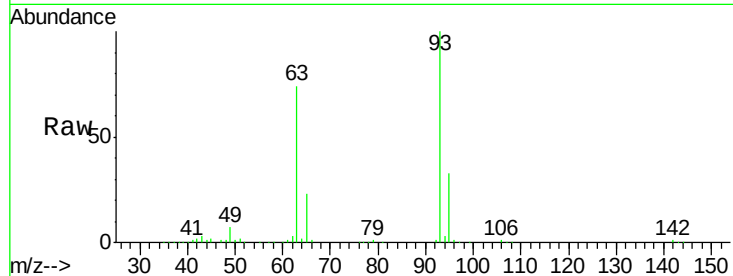
#11
bis(2-Chloroethyl)ether
Concen: 48.60 ng
RT: 5.50 min Scan# 605
Delta R.T. 0.02 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion:	93	Resp:	384966
Ion Ratio	Lower	Upper	
93	100		
63	73.6	59.2	99.2
95	33.3	12.8	52.8

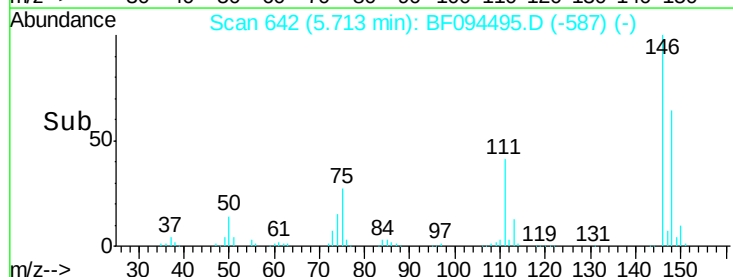
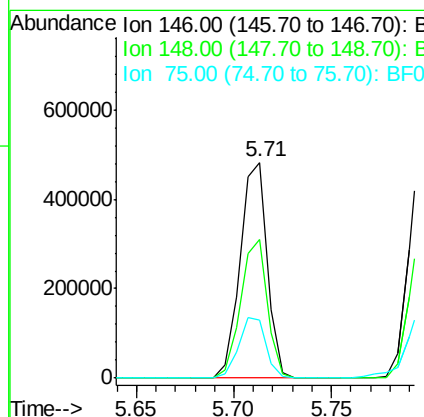
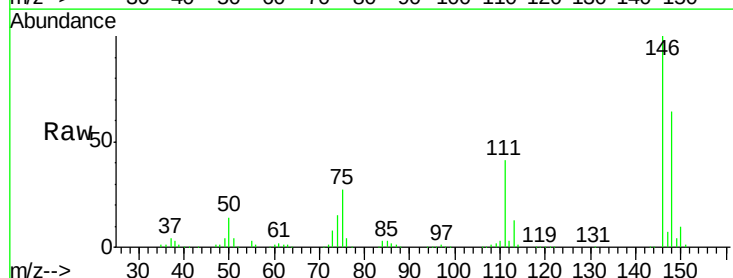
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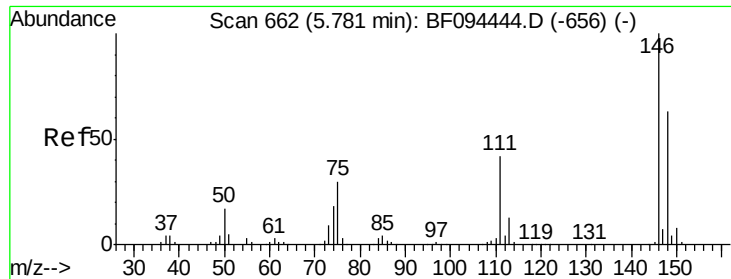
mohammad
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#12
1,3-Dichlorobenzene
Concen: 48.89 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion:	146	Resp:	461453
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
75	26.8	23.1	34.7





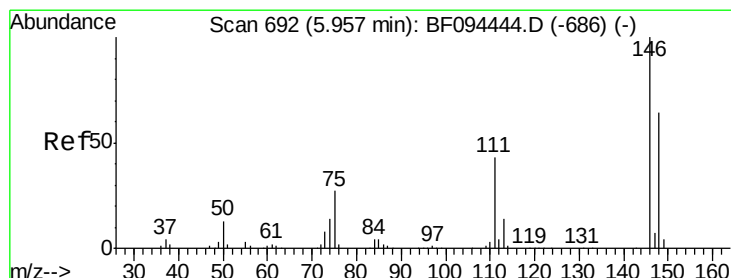
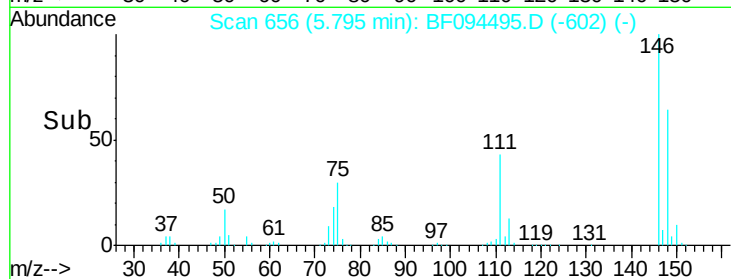
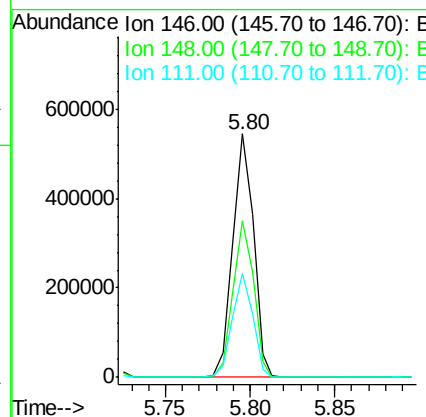
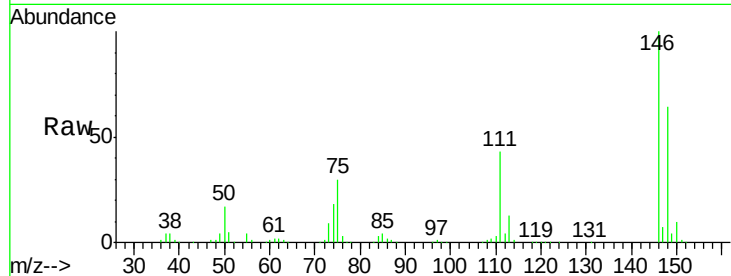
#13
 1,4-Dichlorobenzene
 Concen: 48.71 ng
 RT: 5.80 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	42.6	30.3	45.5

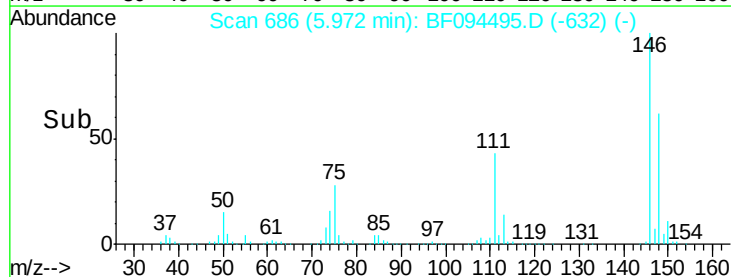
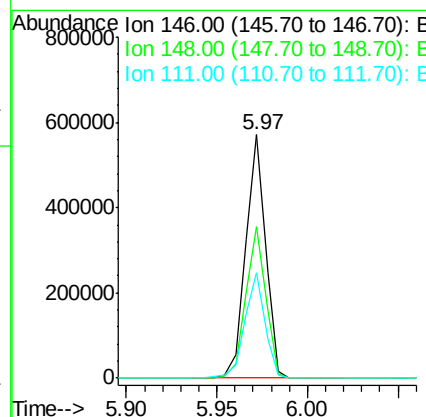
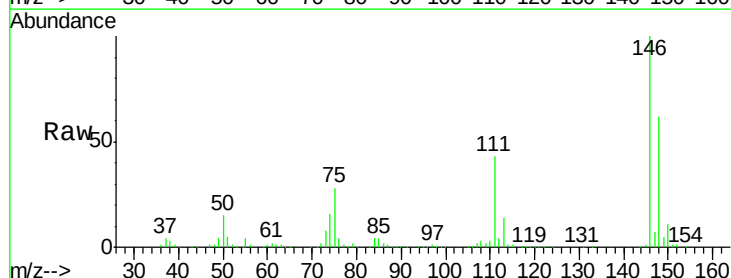
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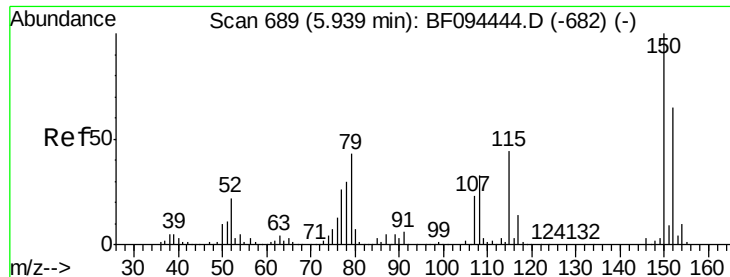
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 49.37 ng
 RT: 5.97 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.4	75.6
111	43.2	38.2	57.4





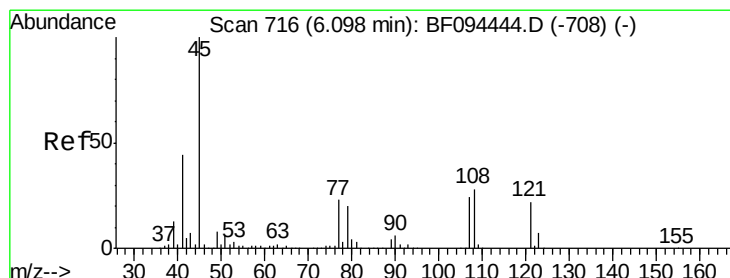
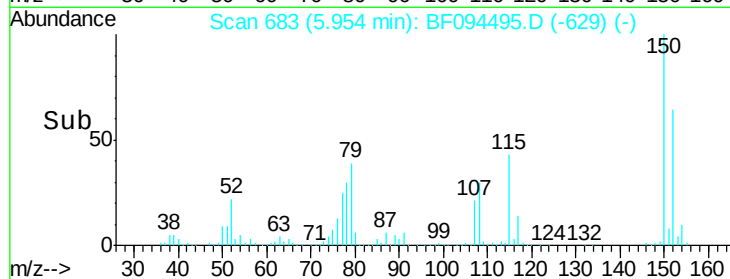
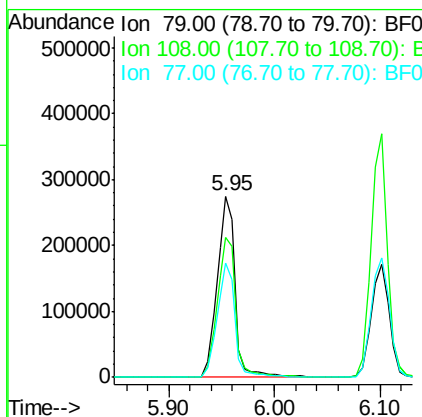
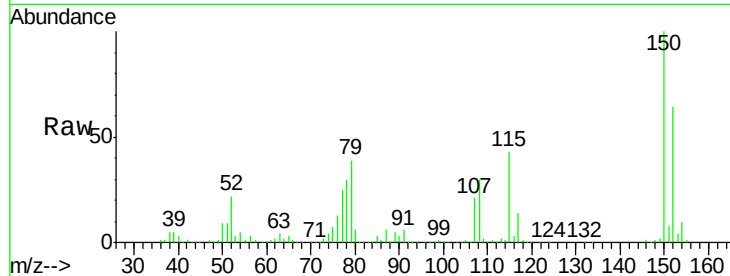
#15
Benzyl Alcohol
Concen: 50.39 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	77.7	63.4	95.0		
77	63.3	49.2	73.8		

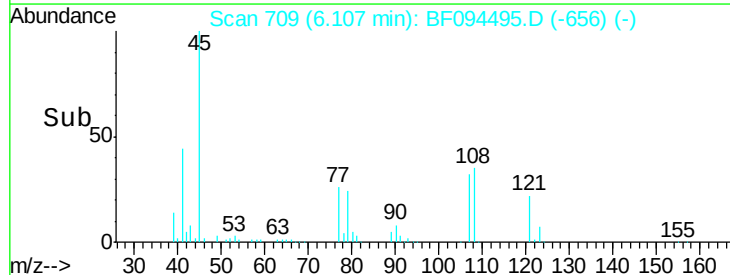
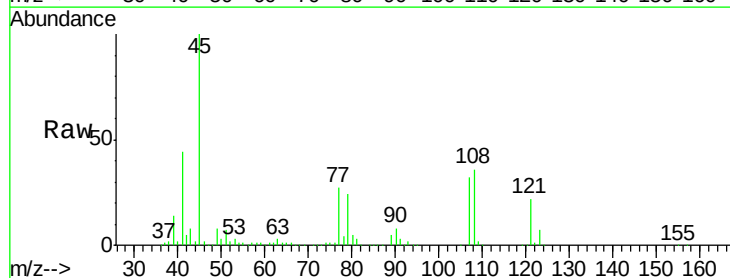
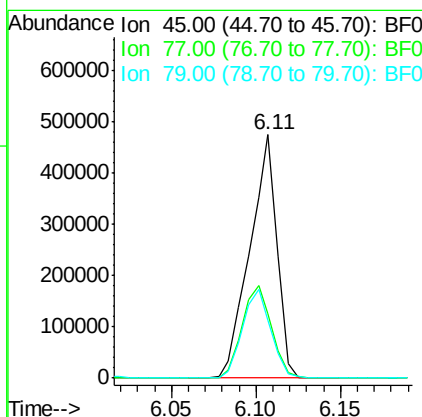
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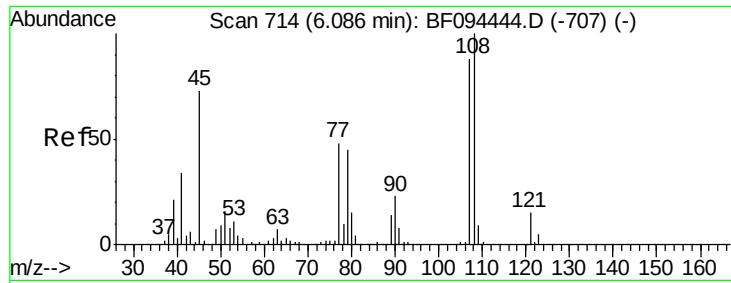
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 51.26 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	26.5	0.0	33.2		
79	23.8	0.0	30.0		





#17

2-Methylphenol

Concen: 51.88 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

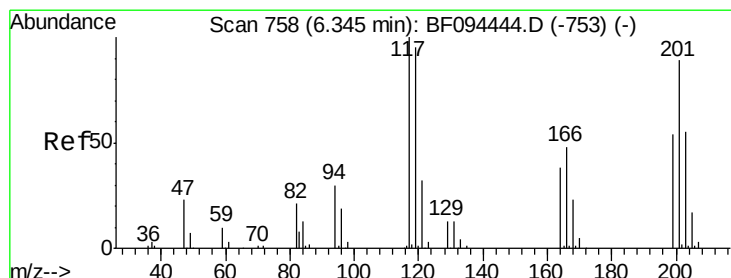
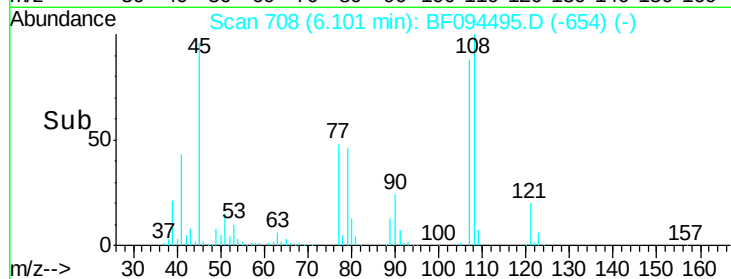
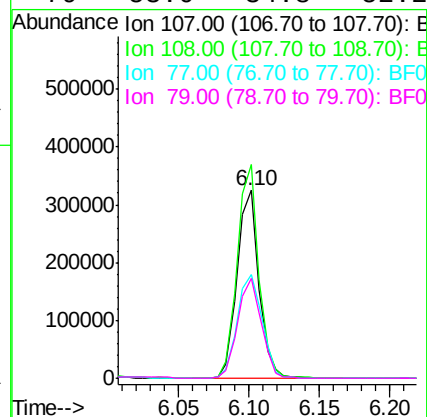
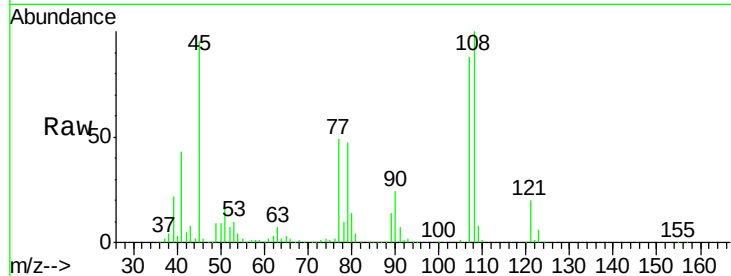
ClientSampleId :

WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	93.4	140.0	
77	55.6	35.8	53.6#	
79	53.0	34.8	52.2#	

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#18

Hexachloroethane

Concen: 47.82 ng

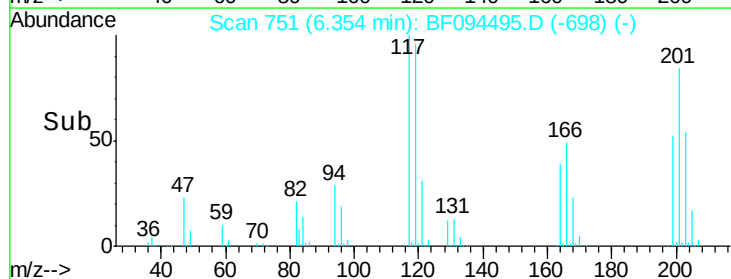
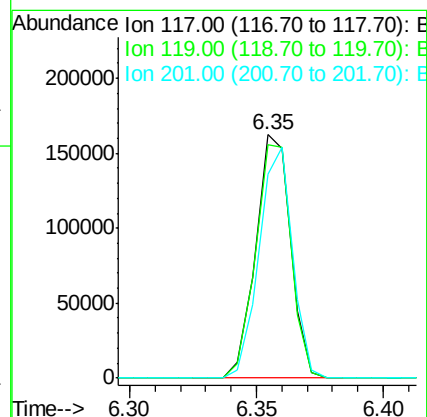
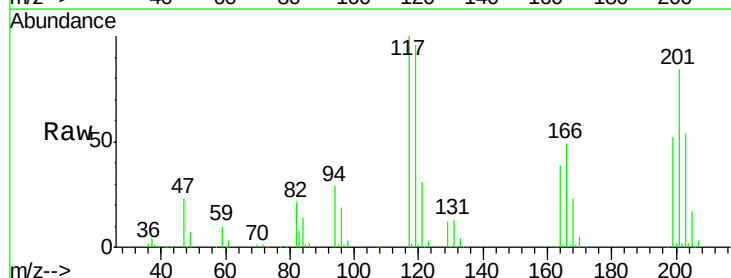
RT: 6.35 min Scan# 751

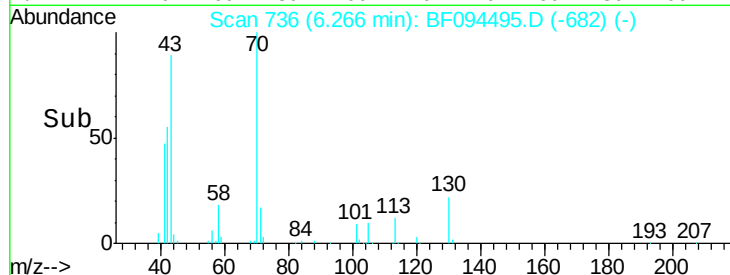
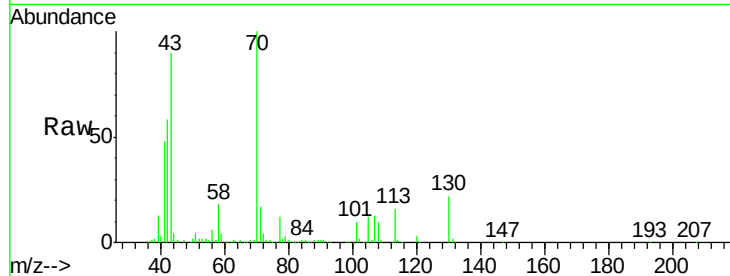
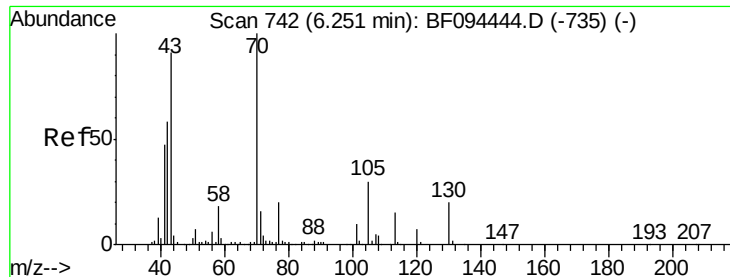
Delta R.T. 0.01 min

Lab File: BF094495.D

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Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.4	116.0	
201	83.8	94.6	141.8#	





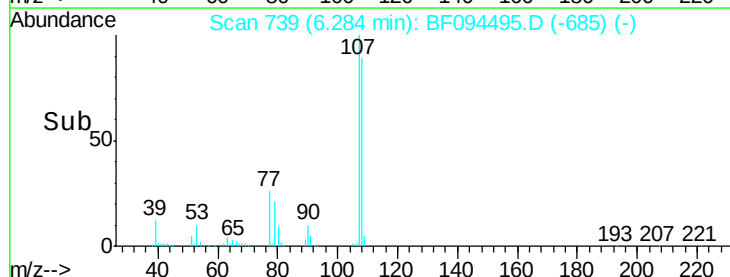
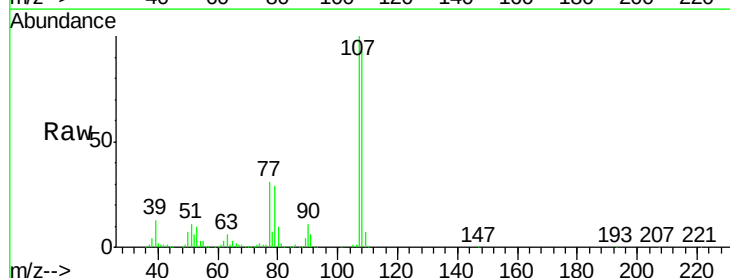
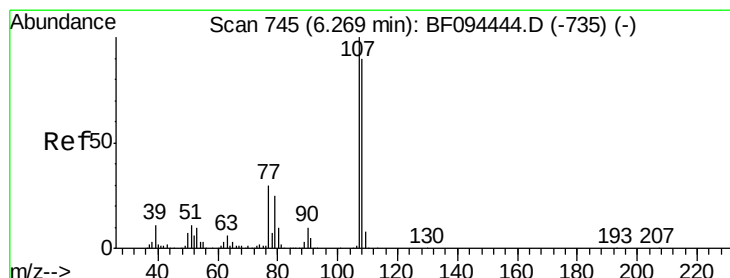
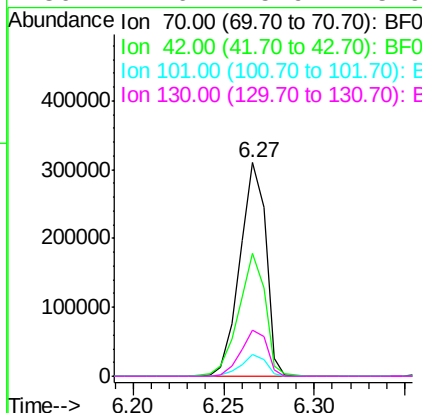
#19
n-Nitroso-di-n-propylamine
Concen: 52.65 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	47.2	70.8	
101	9.9	7.2	10.8	
130	21.6	15.9	23.9	

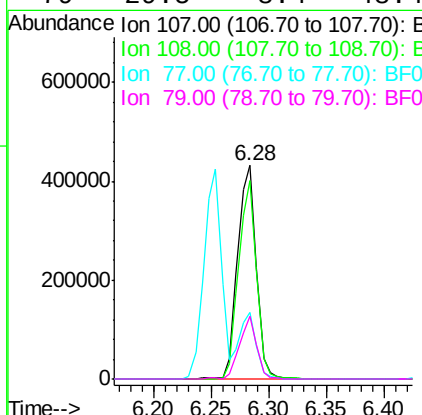
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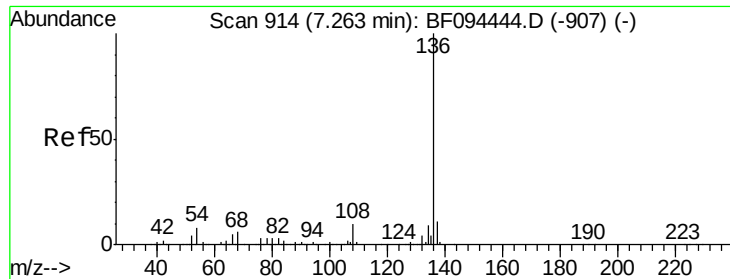
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#20
3+4-Methylphenols
Concen: 53.23 ng
RT: 6.28 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	71.0	111.0	
77	30.9	90.5	130.5#	
79	29.5	8.4	48.4	





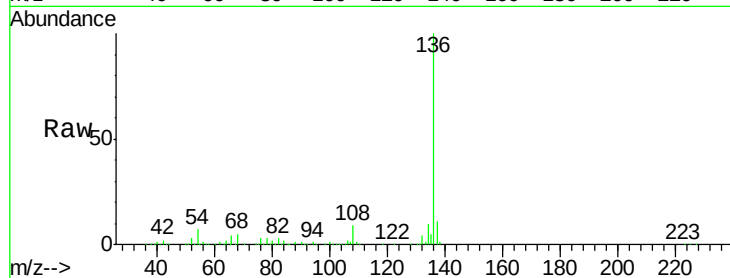
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

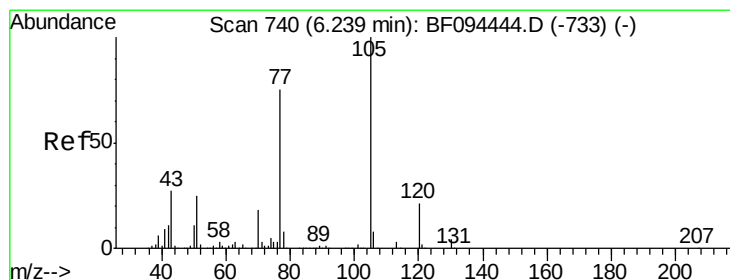
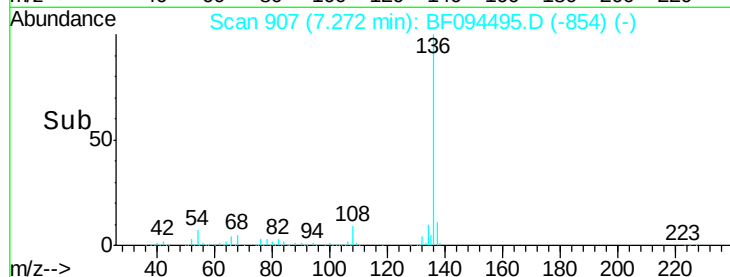
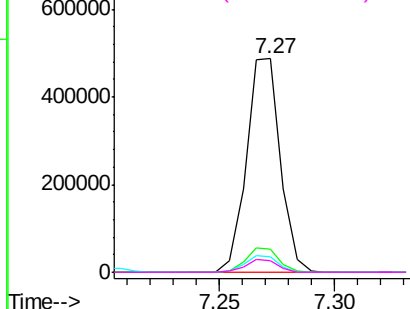
Tot Ion	Ratio	Resp	Lower	Upper
136	100	496830		
137	11.1	8.5	12.7	
54	7.0	4.9	7.3	
68	5.4	4.1	6.1	

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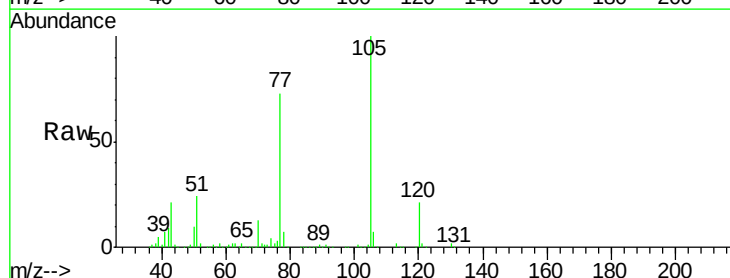


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

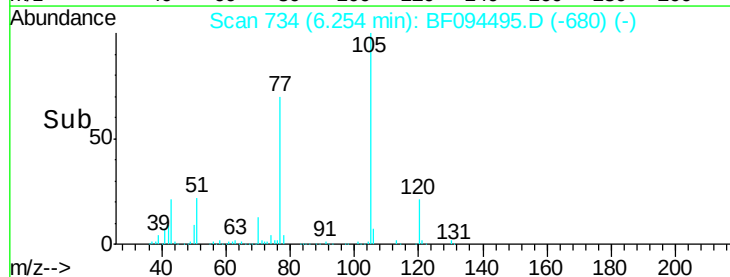
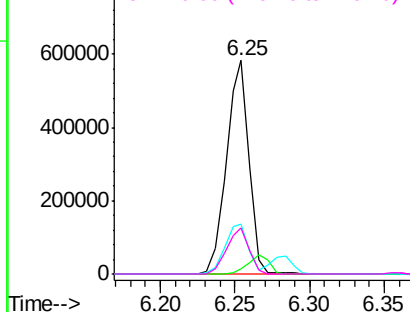


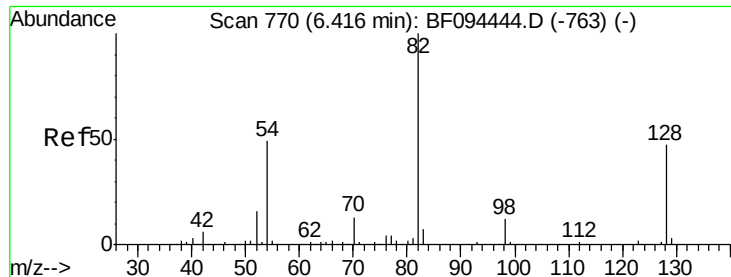
#22
Acetophenone
Concen: 51.19 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	618348		
71	2.3	2.8	4.2#	
51	23.5	30.7	46.1#	
120	21.4	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





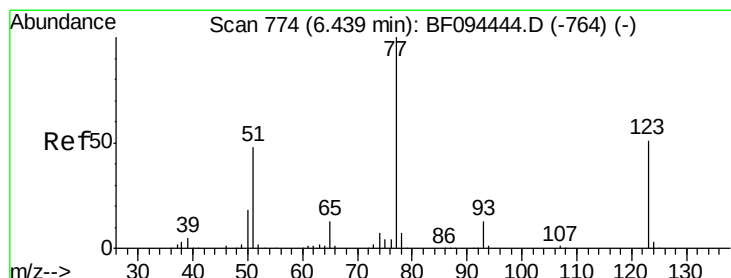
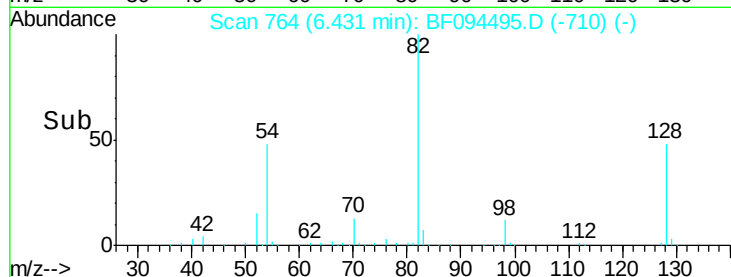
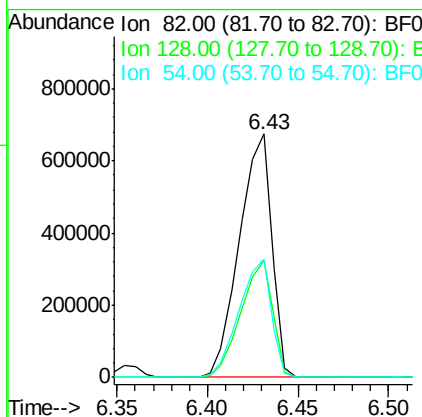
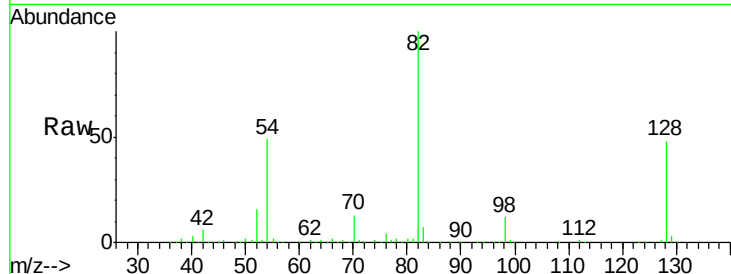
#23
 Nitrobenzene-d5
 Concen: 104.14 ng
 RT: 6.43 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	48.7	42.2	63.2

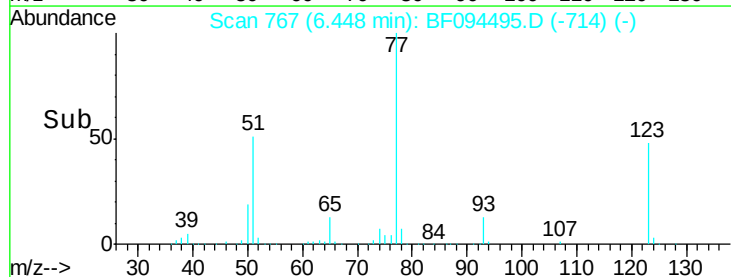
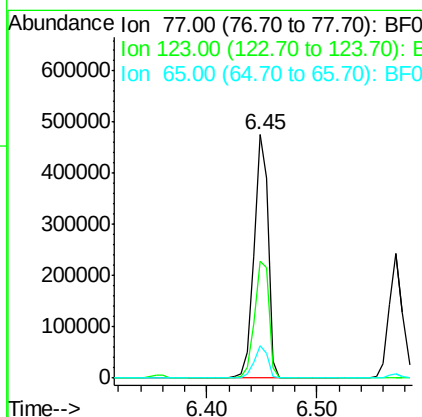
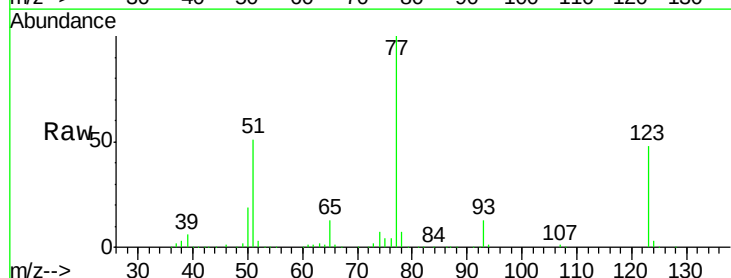
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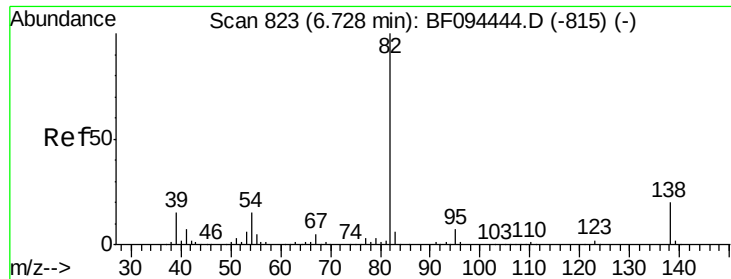
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#24
 Nitrobenzene
 Concen: 50.34 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 52.74 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

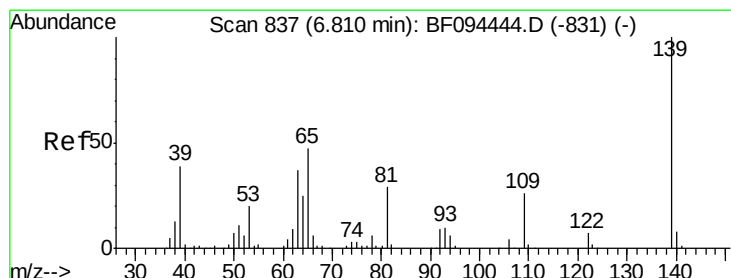
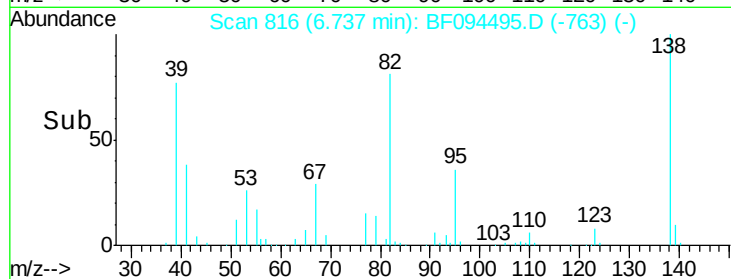
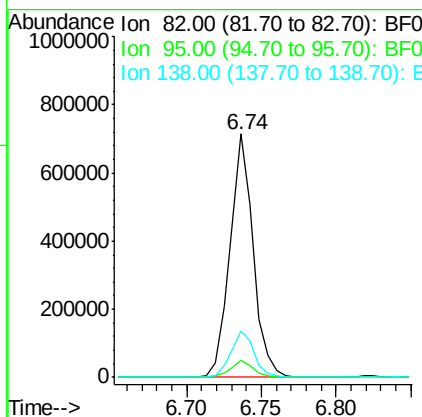
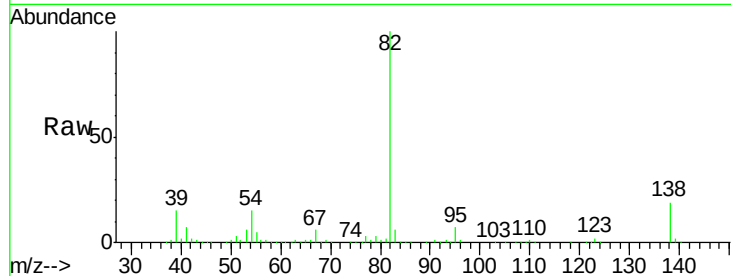
ClientSampleId :

WDS-02MSD

Tot Ion:	82	Resp:	786710
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.40 ng

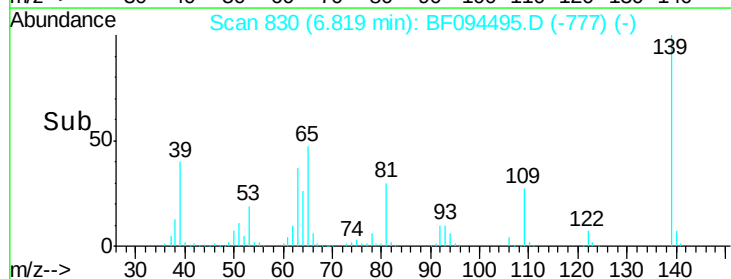
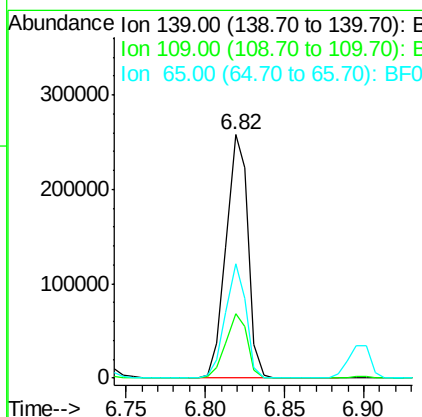
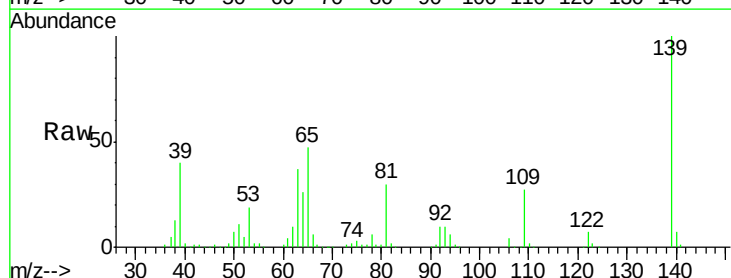
RT: 6.82 min Scan# 830

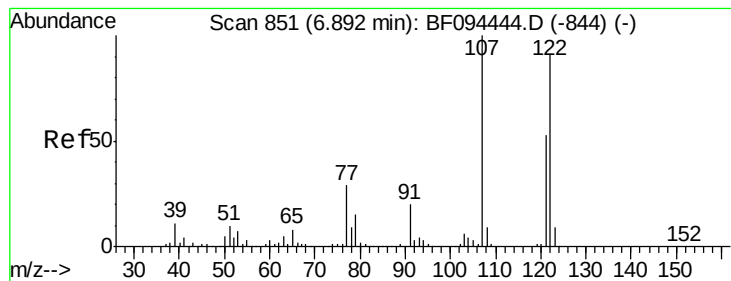
Delta R.T. 0.01 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Tgt Ion:	139	Resp:	247627
Ion Ratio		Lower	Upper
139	100		
109	26.6	21.0	31.6
65	47.0	33.0	49.6





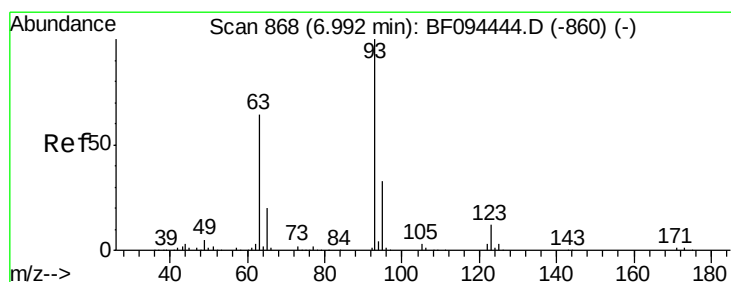
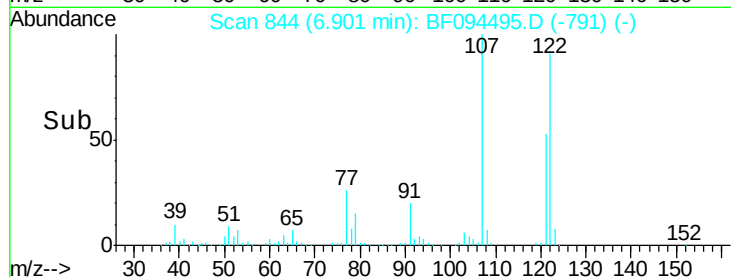
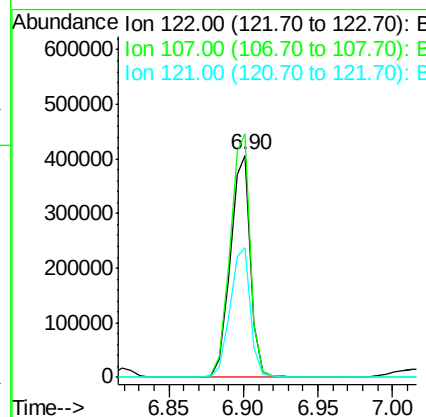
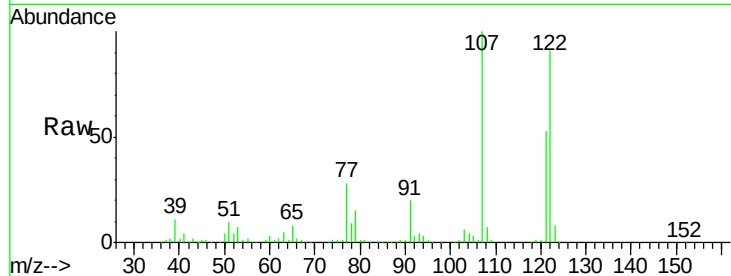
#27
2,4-Dimethylphenol
Concen: 52.80 ng
RT: 6.90 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	390435		
107	109.6	89.2	133.8	
121	58.5	45.2	67.8	

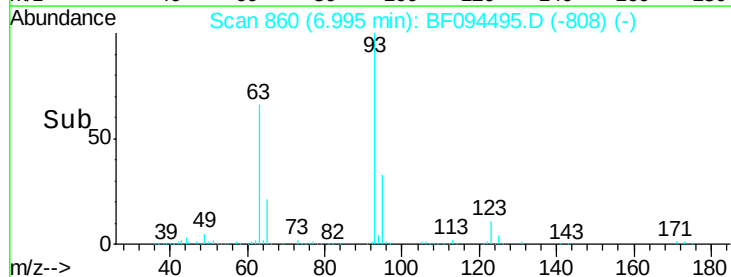
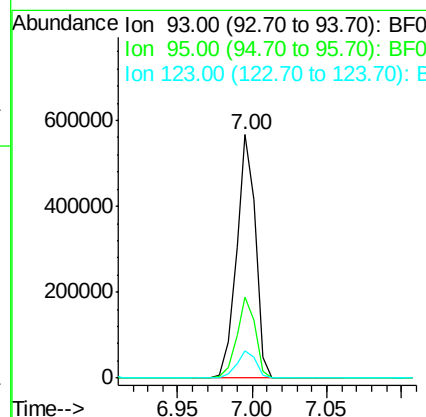
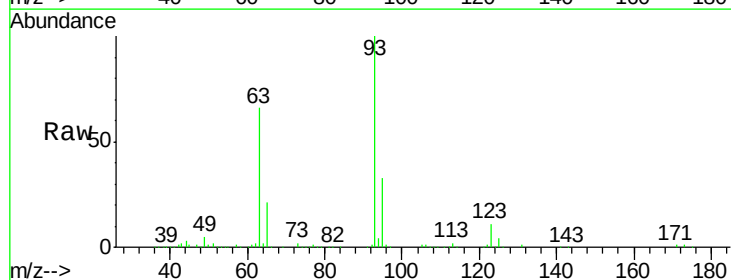
Manual Integrations
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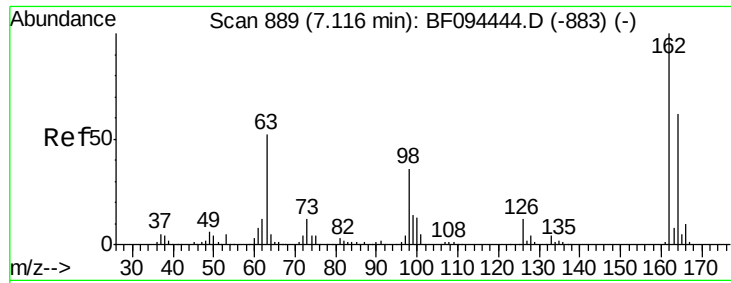
mohammad
4/19/2017 1:33:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 52.44 ng
RT: 7.00 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	505933		
95	33.3	26.5	39.7	
123	11.2	9.0	13.4	





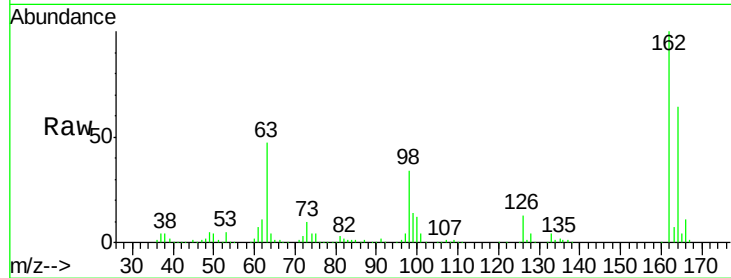
#29
2,4-Dichlorophenol
Concen: 53.52 ng
RT: 7.12 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

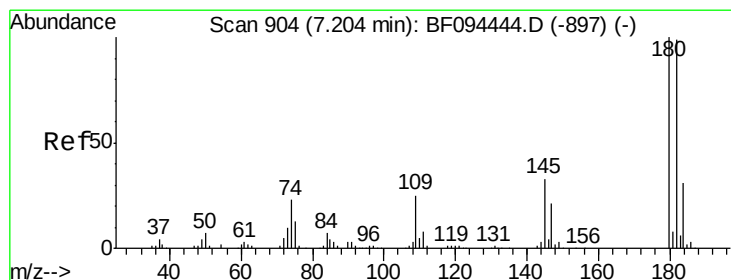
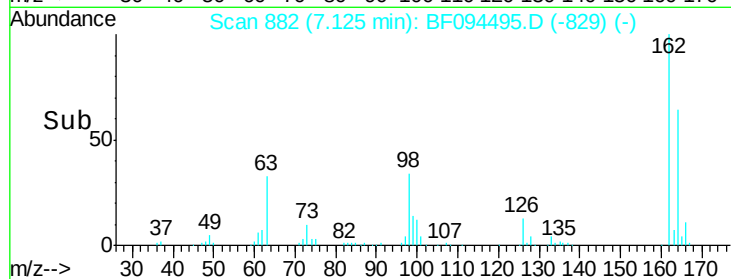
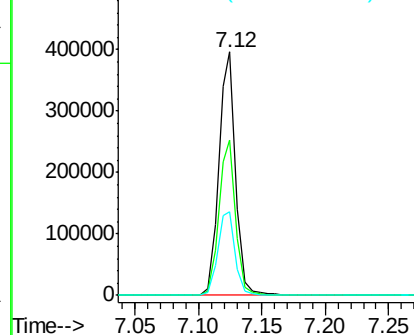
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		368165		
164	63.6		44.6	84.6	
98	34.3		14.8	54.8	

Manual Integrations
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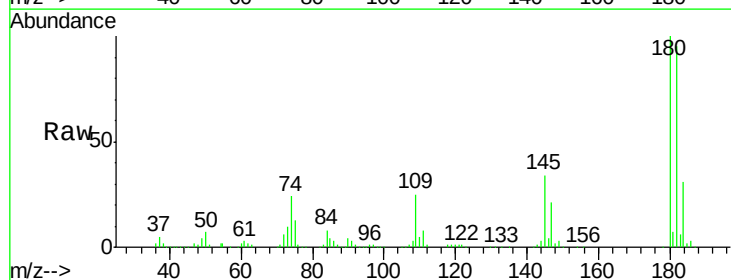


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

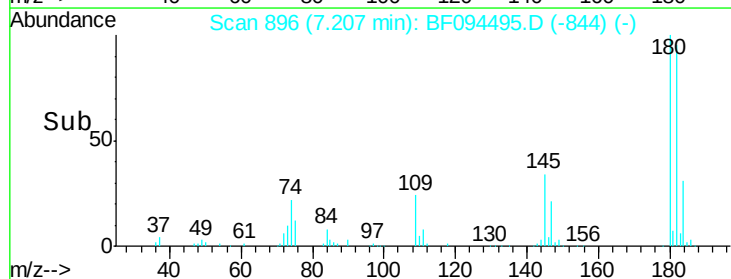
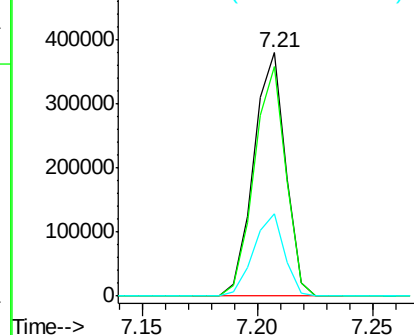


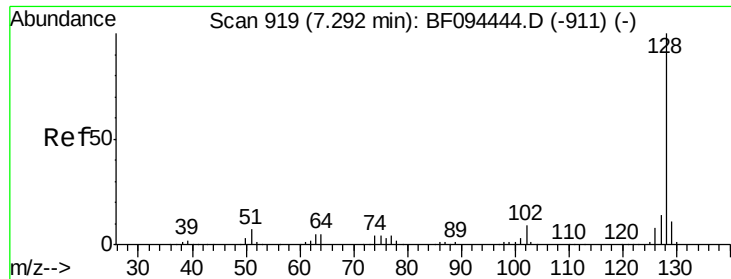
#30
1,2,4-Trichlorobenzene
Concen: 51.48 ng
RT: 7.21 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		366094		
182	94.5		75.8	113.6	
145	33.6		25.3	37.9	



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





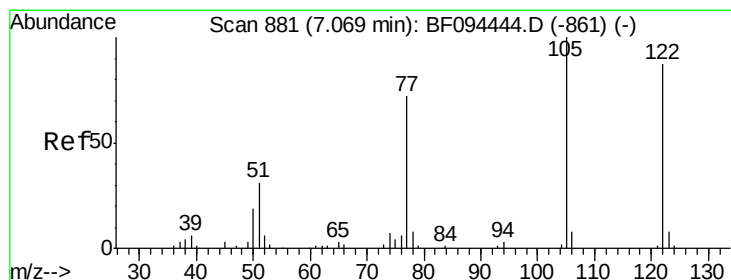
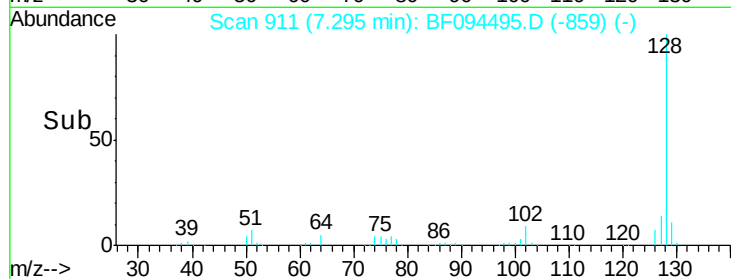
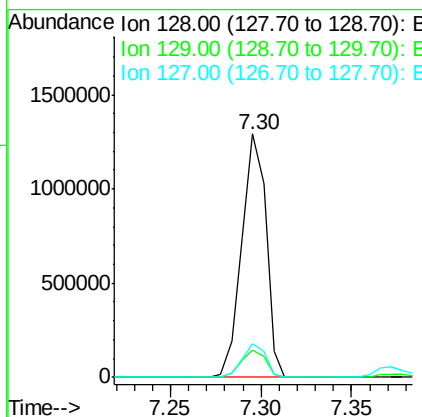
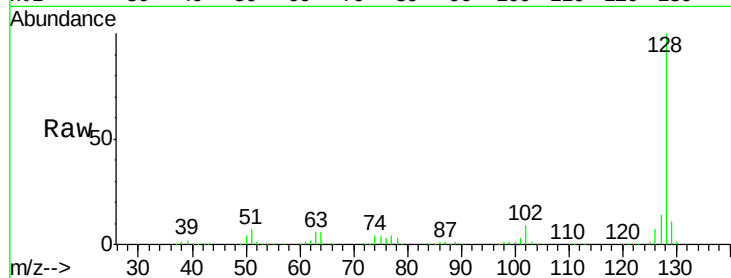
#31
Naphthalene
Concen: 50.50 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion:128 Resp: 1206062
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.8 16.2

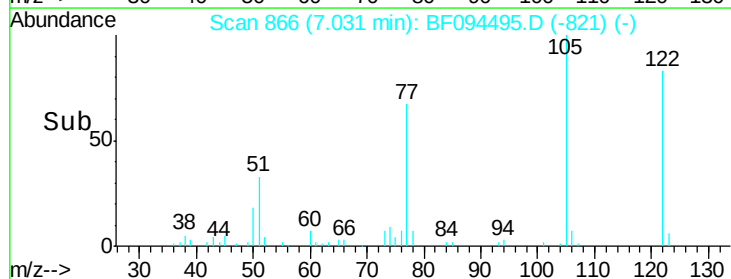
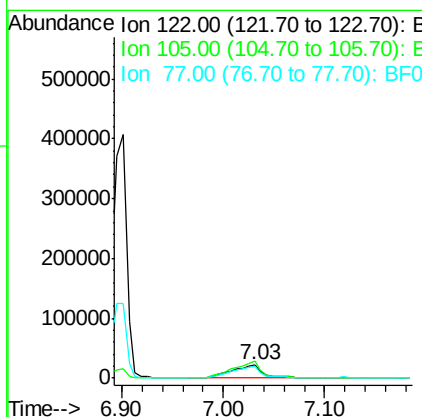
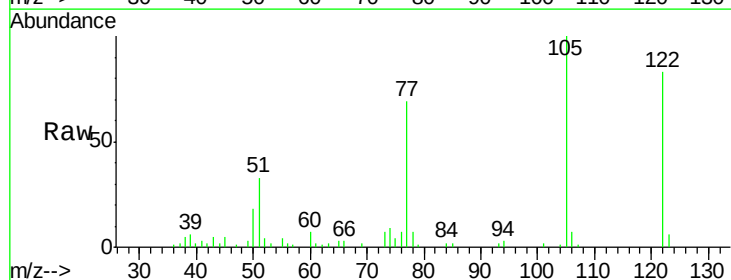
Manual Integrations
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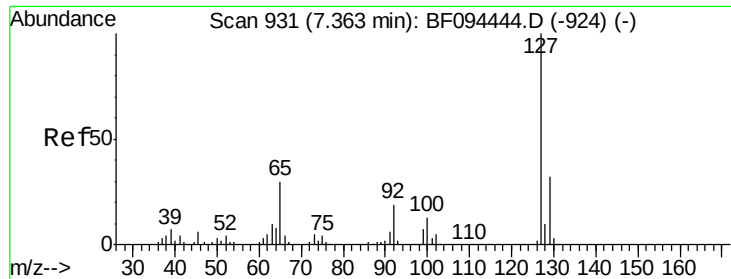
mohammad
4/19/2017 1:33:16 PM



#32
Benzoic acid
Concen: 11.99 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.04 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion:122 Resp: 46873
Ion Ratio Lower Upper
122 100
105 120.1 103.3 143.3
77 83.1 73.7 113.7





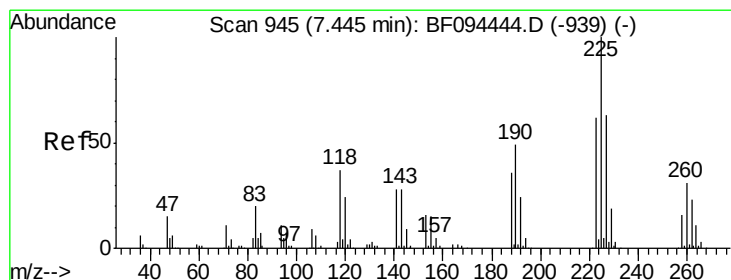
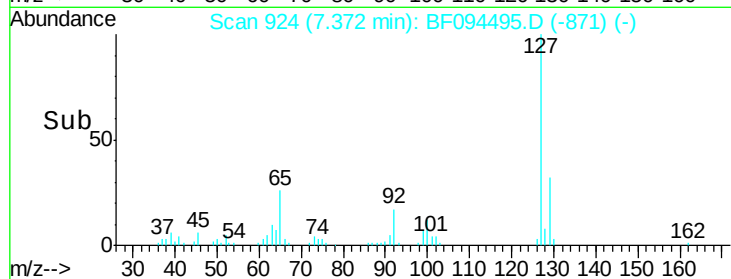
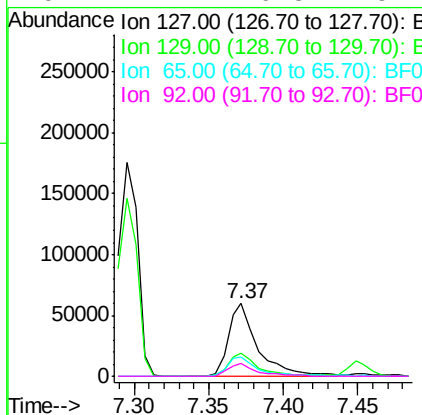
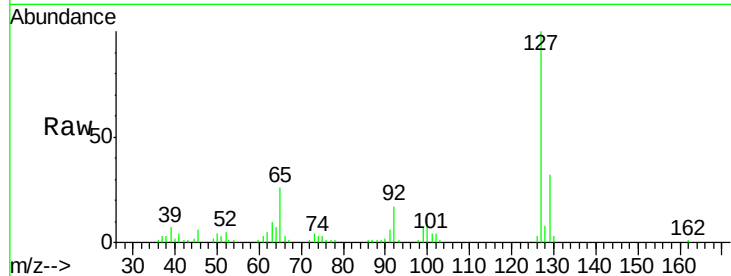
#33
4-Chloroaniline
Concen: 8.25 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		81996		
129	32.1	26.2	39.2		
65	26.3	27.8	41.8		
92	17.4	16.8	25.2		

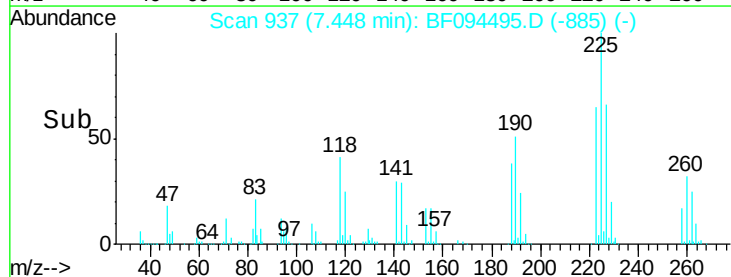
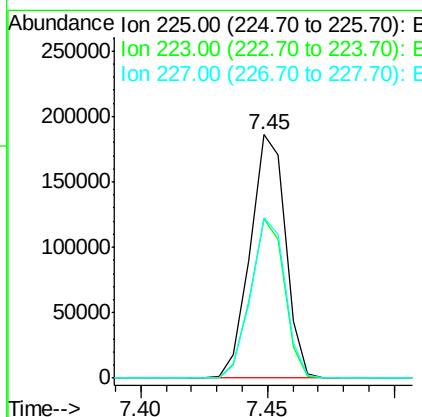
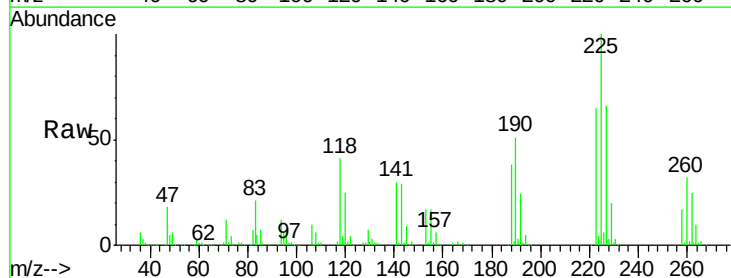
Manual Integrations
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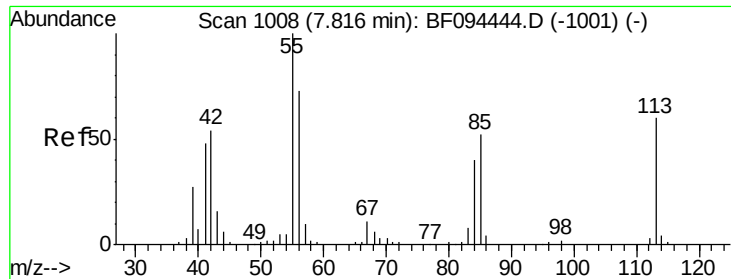
mohammad
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#34
Hexachlorobutadiene
Concen: 50.95 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		180642		
223	65.3	48.8	73.2		
227	65.9	51.1	76.7		





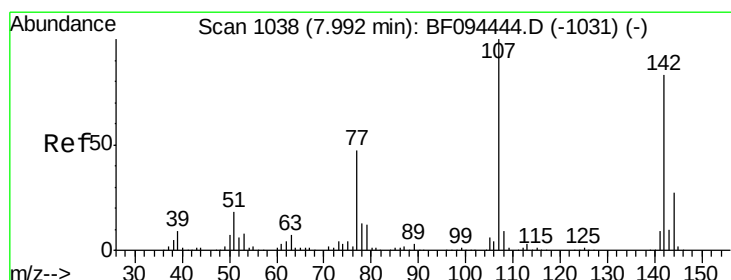
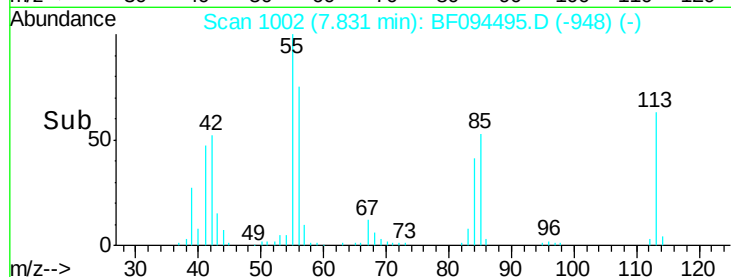
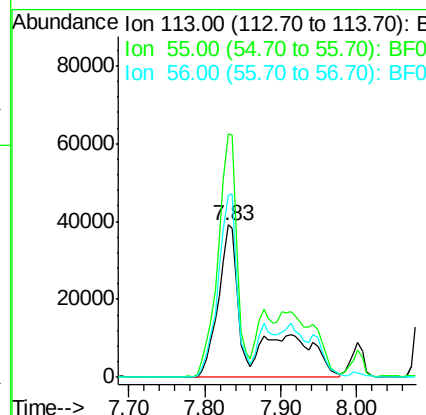
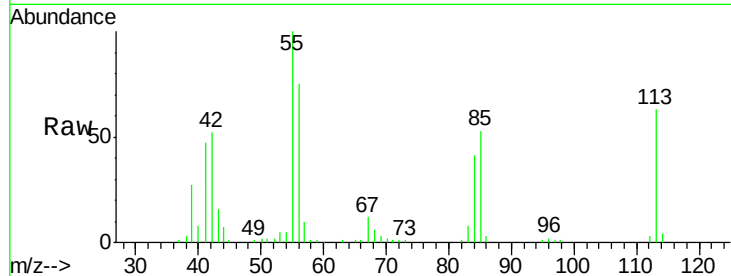
#35
 Caprolactam
 Concen: 56.15 ng/ml
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.7	150.2	190.2
56	119.6	107.8	147.8

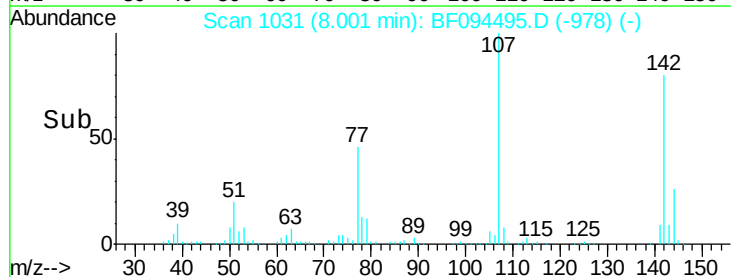
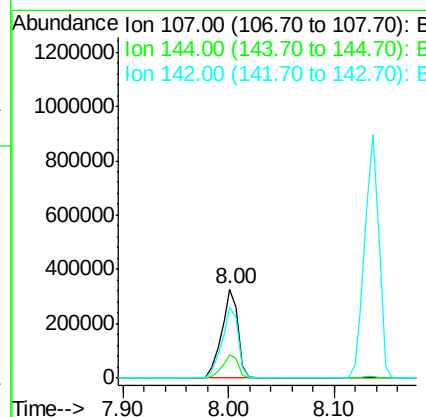
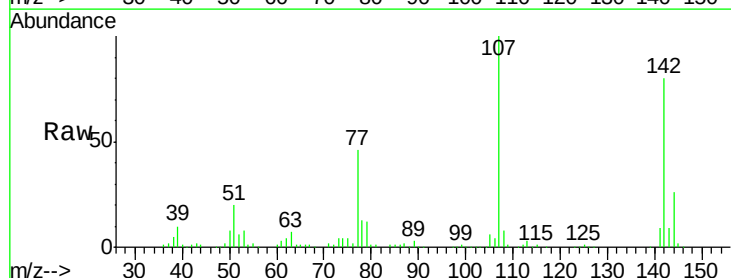
Manual Integrations
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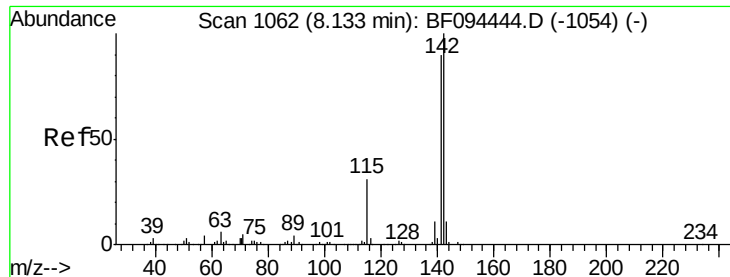
mohammad
 4/19/2017 1:33:16 PM



#36
 4-Chloro-3-methylphenol
 Concen: 49.94 ng/ml
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	24.2	36.4
142	79.8	73.4	110.0





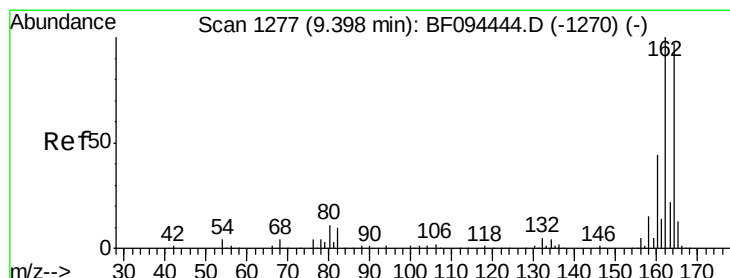
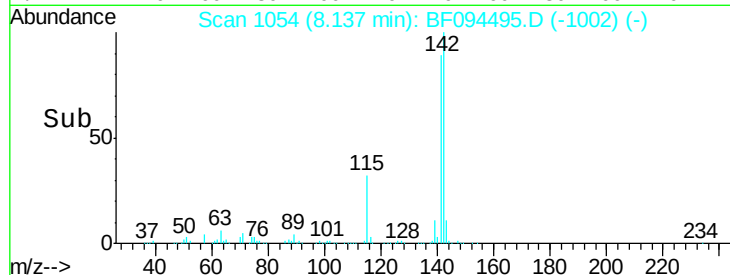
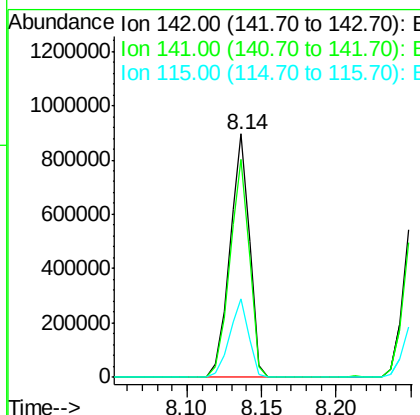
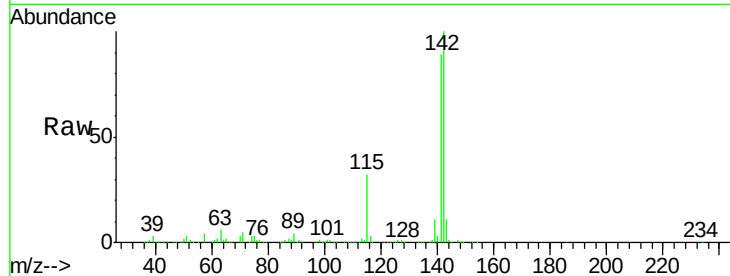
#37
2-Methylnaphthalene
Concen: 50.88 ng
RT: 8.14 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.1	27.1	40.7

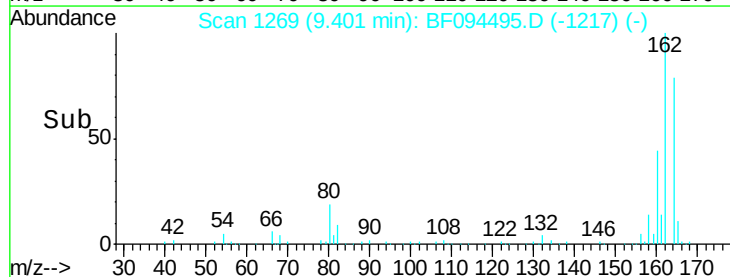
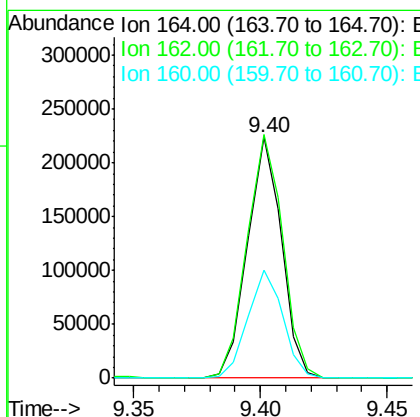
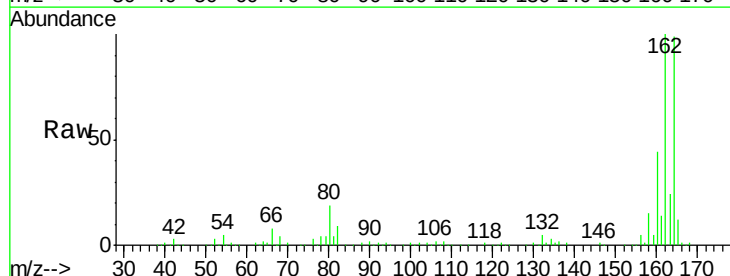
Manual Integrations
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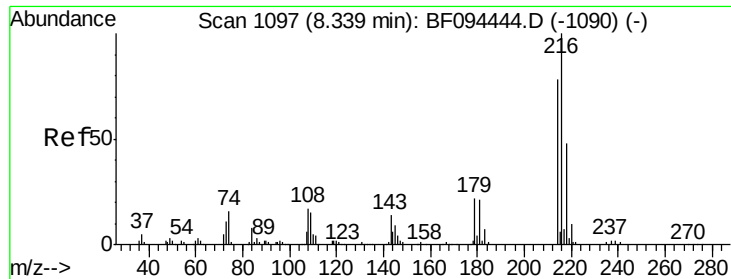
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	45.0	36.2	54.2





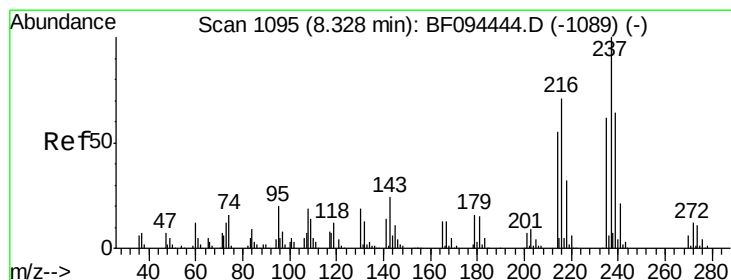
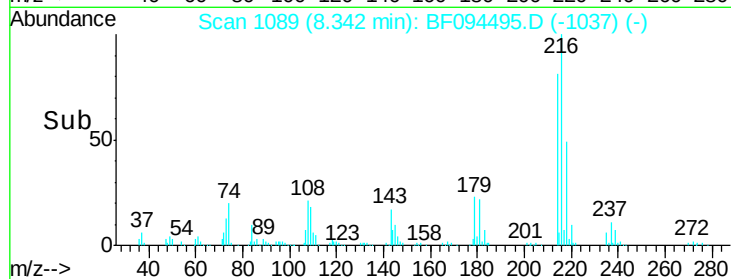
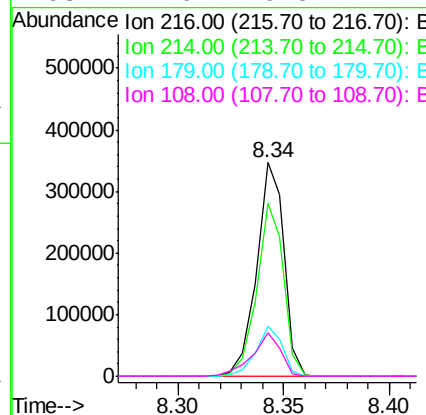
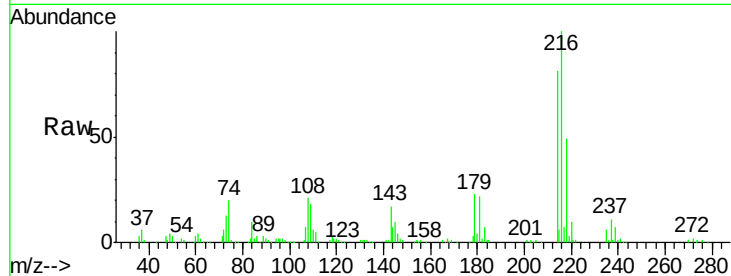
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.09 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		310935		
214	79.2	63.4	95.2		
179	22.7	17.9	26.9		
108	21.6	16.5	24.7		

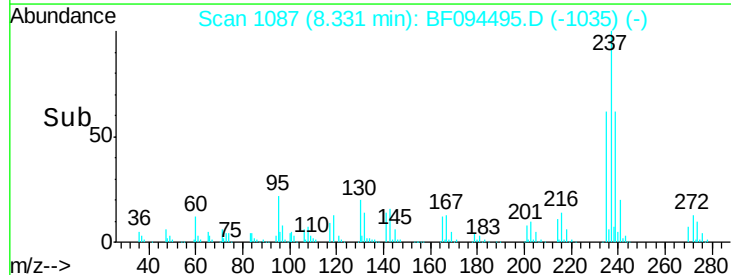
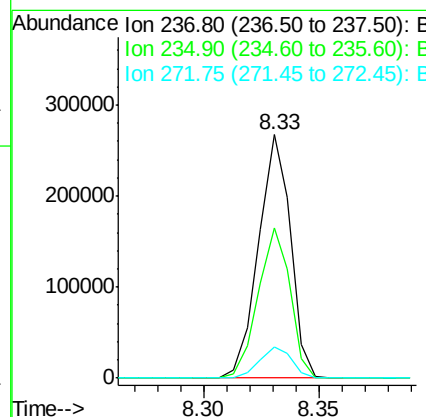
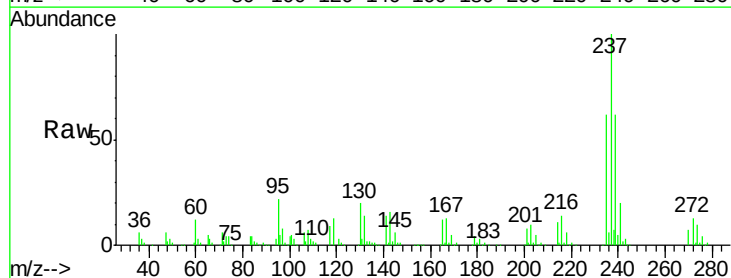
Manual Integrations
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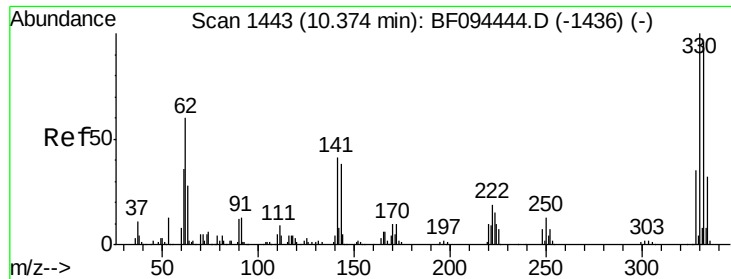
mohammad
 4/19/2017 1:33:16 PM



#40
 Hexachlorocyclopentadiene
 Concen: 106.98 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		258327		
235	61.6	42.6	82.6		
272	12.5	0.0	31.9		





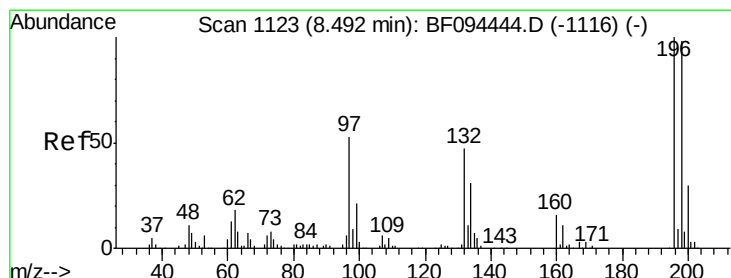
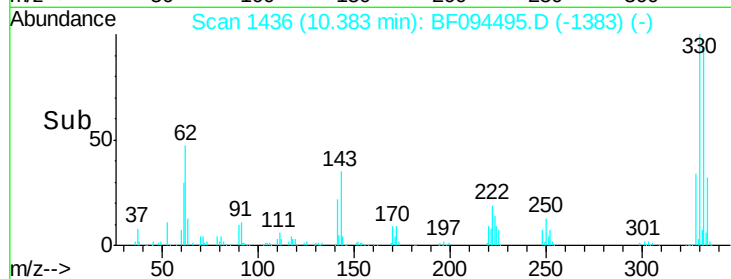
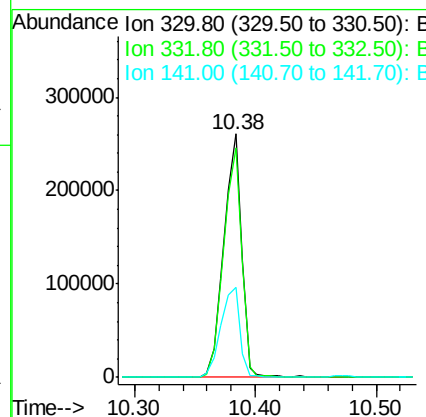
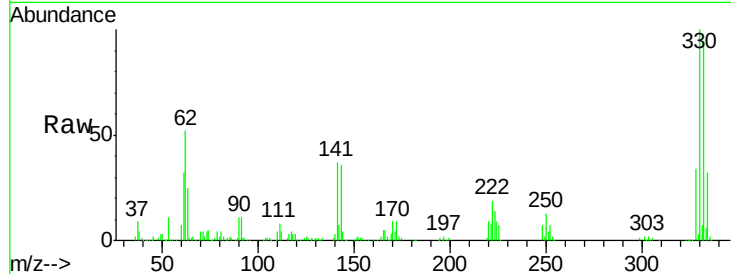
#41
 2,4,6-Tribromophenol
 Concen: 162.12 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	265819		
332	95.2		76.6	115.0
141	39.8		31.4	47.2

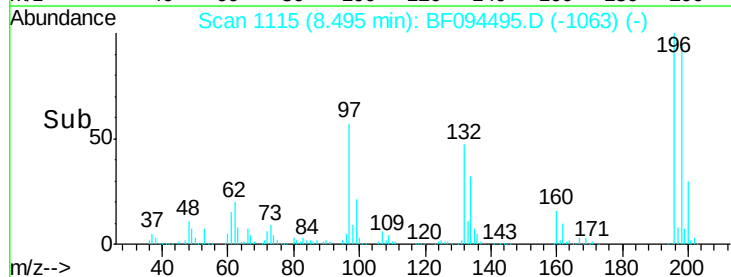
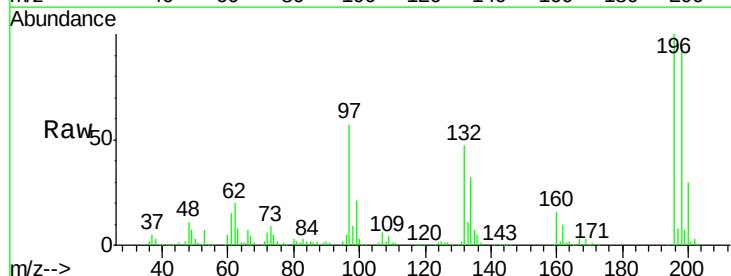
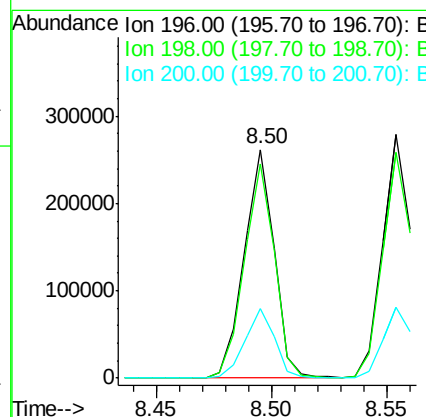
Manual Integrations
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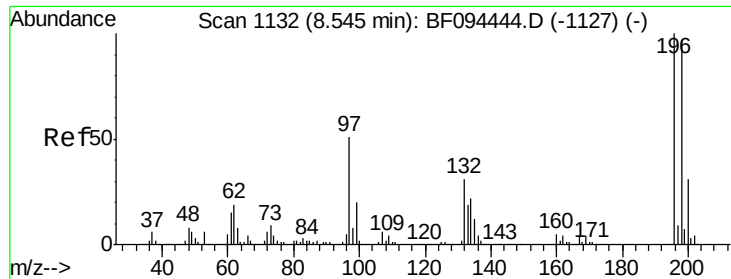
mohammad
 4/19/2017 1:33:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 56.90 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238529		
198	93.7		74.2	111.4
200	30.3		24.0	36.0





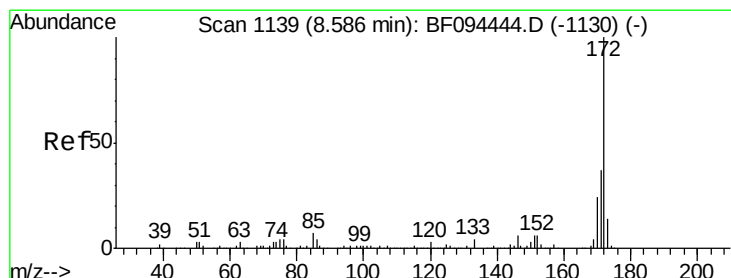
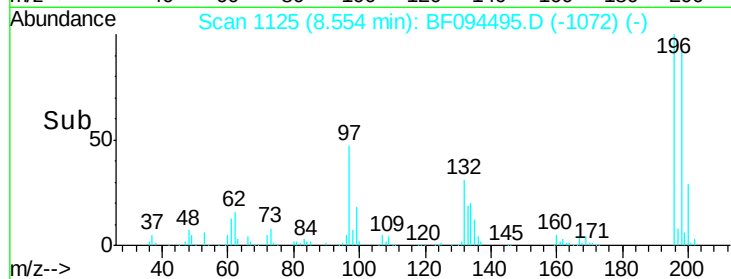
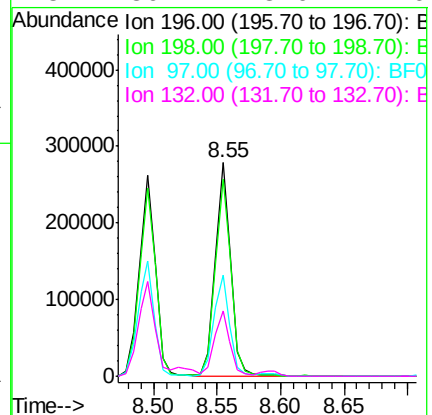
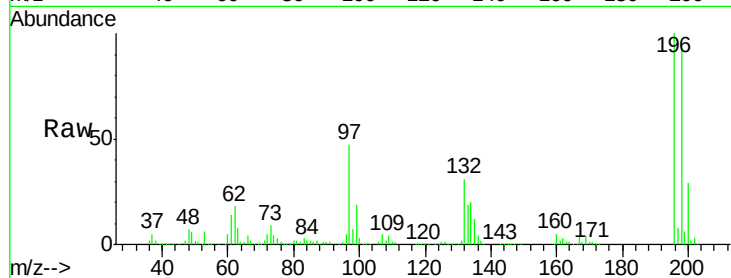
#43
 2,4,5-Trichlorophenol
 Concen: 57.00 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion:	196	Resp:	245358
Ion Ratio	Lower	Upper	
196	100		
198	92.6	75.7	113.5
97	47.2	47.7	71.5#
132	30.7	28.0	42.0

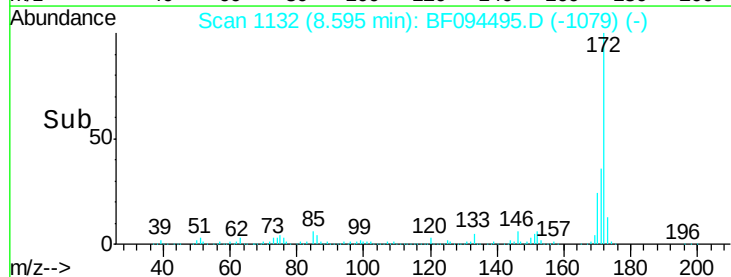
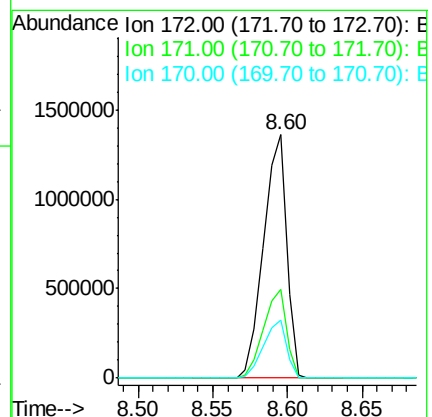
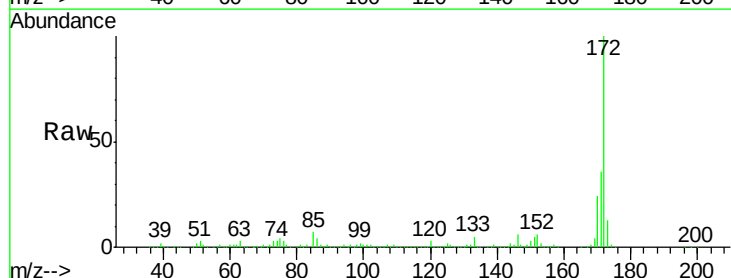
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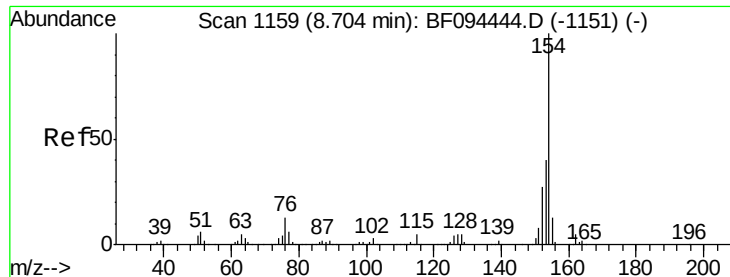
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 101.11 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion:	172	Resp:	1440493
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8





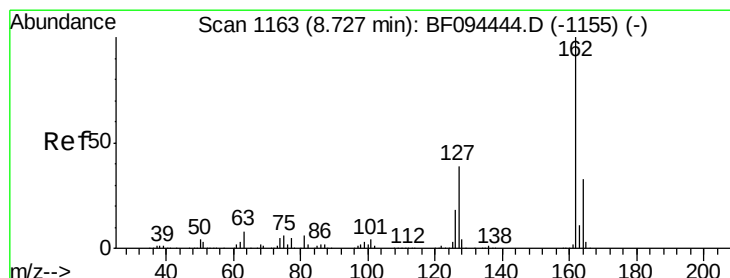
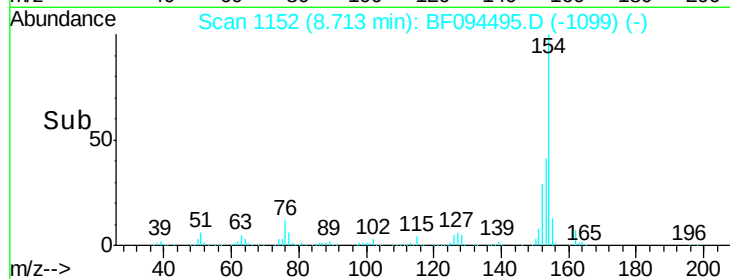
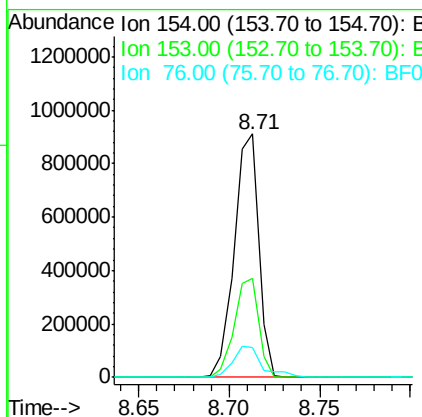
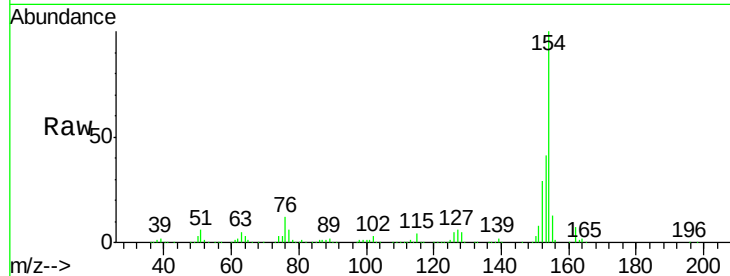
#45
 1,1'-Biphenyl
 Concen: 50.05 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.2	61.2	
76	12.3	0.0	29.9	

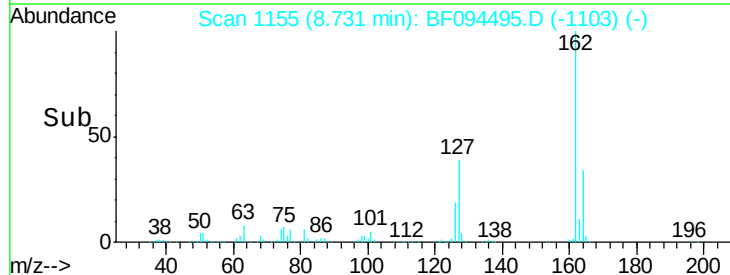
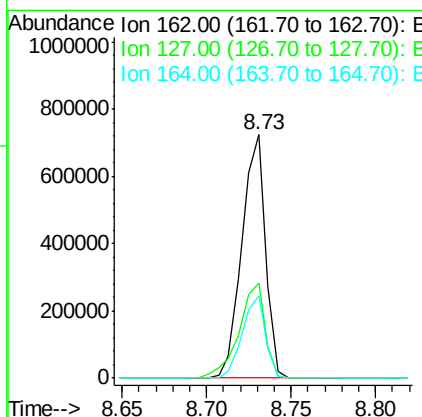
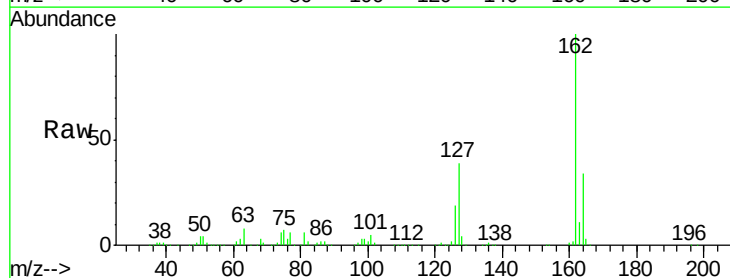
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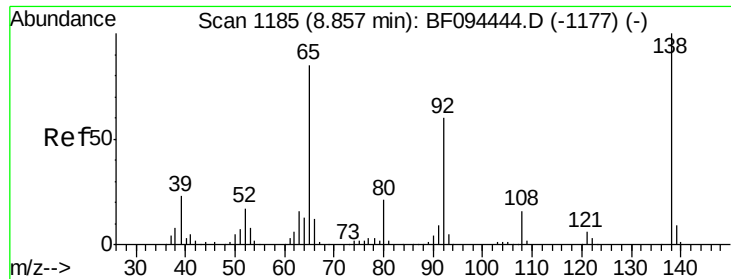
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#46
 2-Chloronaphthalene
 Concen: 51.84 ng
 RT: 8.73 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.3	28.3	42.5	
164	33.6	27.0	40.4	





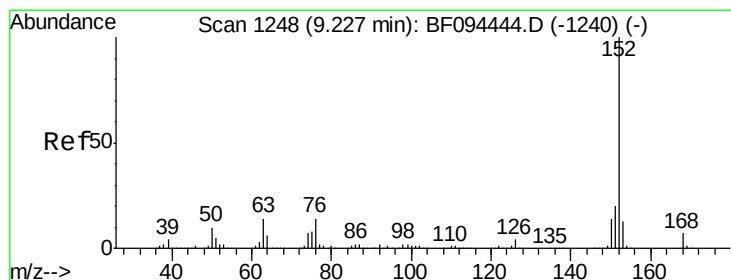
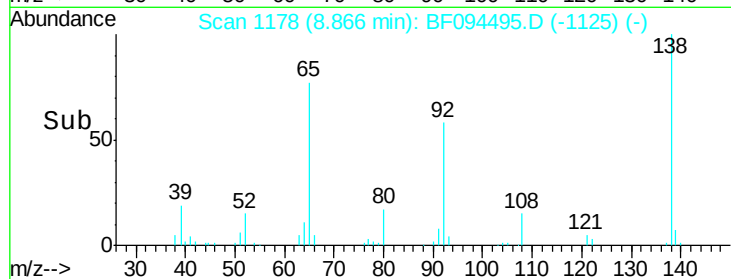
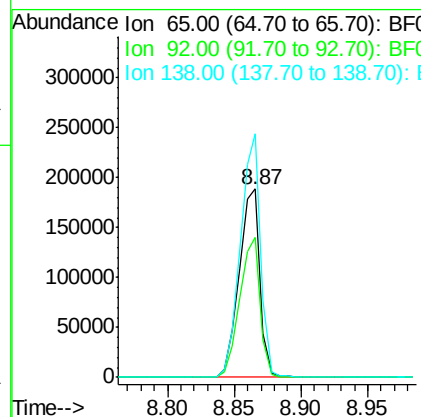
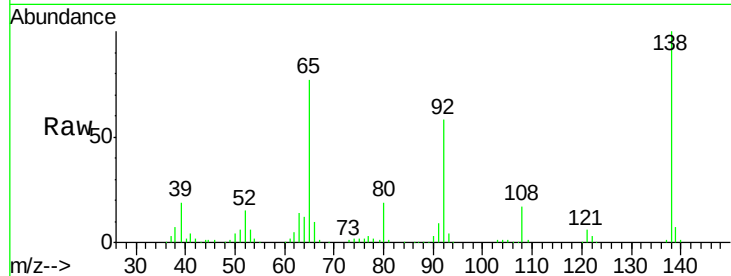
#47
 2-Nitroaniline
 Concen: 53.06 ng
 RT: 8.87 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	53.9	80.9
138	129.3	78.8	118.2

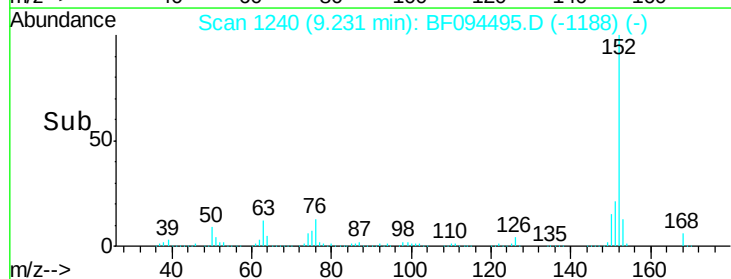
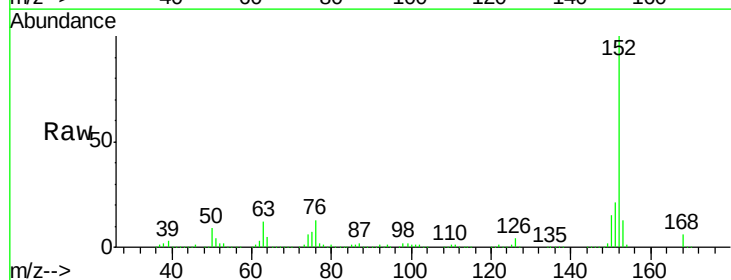
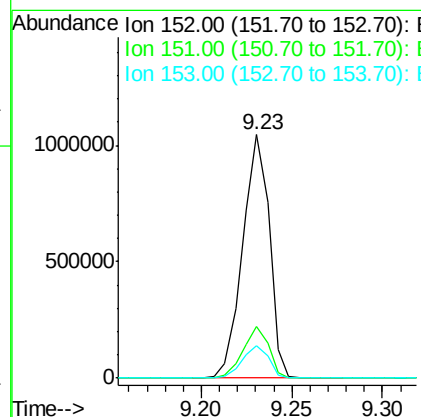
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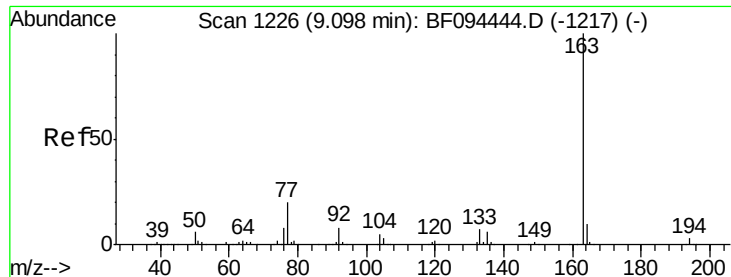
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#48
 Acenaphthylene
 Concen: 50.35 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.3	10.8	16.2





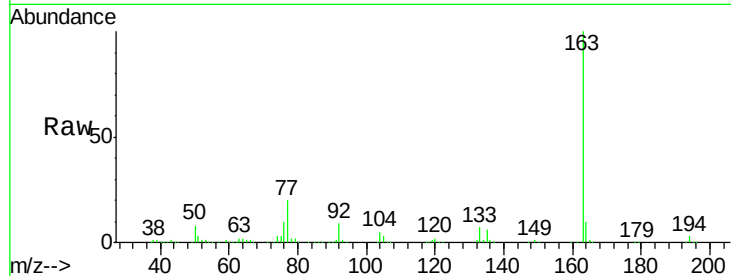
#49
Dimethylphthalate
Concen: 74.32 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

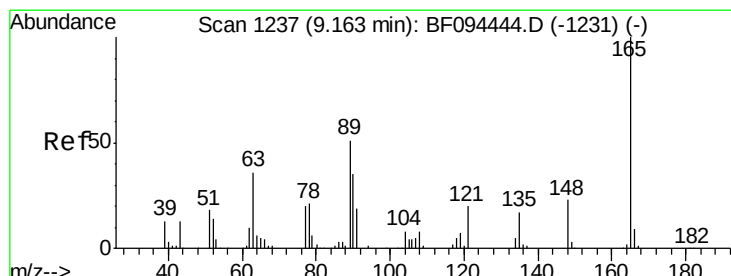
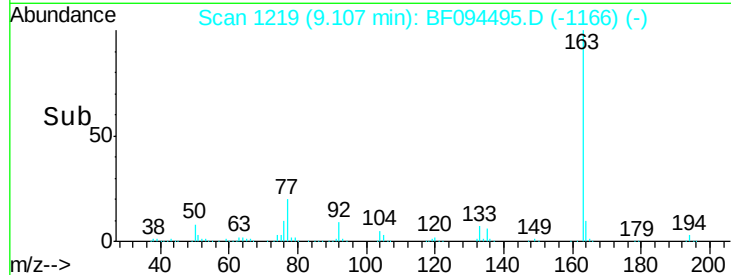
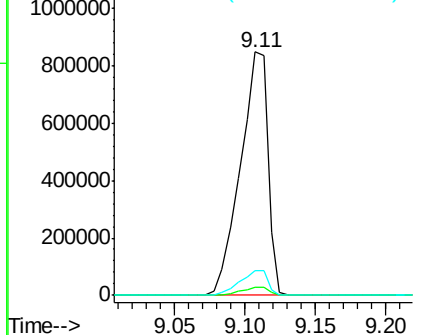
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6

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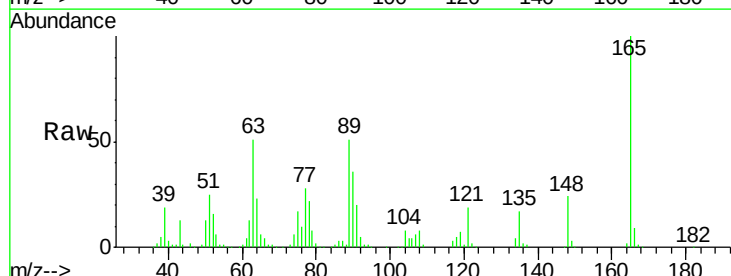


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

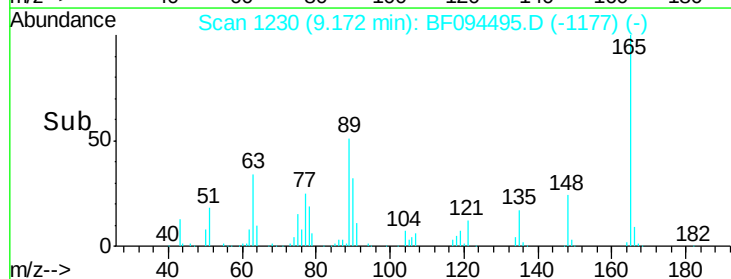
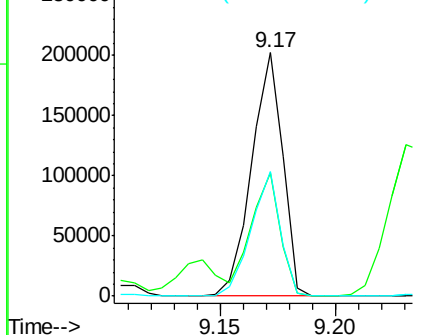


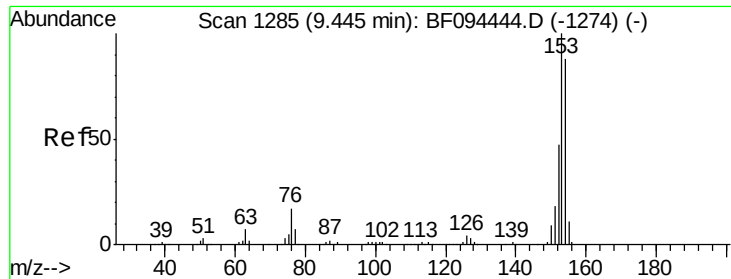
#50
2,6-Dinitrotoluene
Concen: 54.31 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	34.3	51.5
89	51.1	37.1	55.7



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





#51

Acenaphthene

Concen: 50.79 ng

RT: 9.45 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

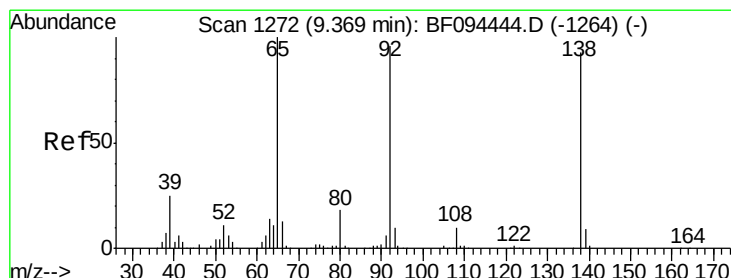
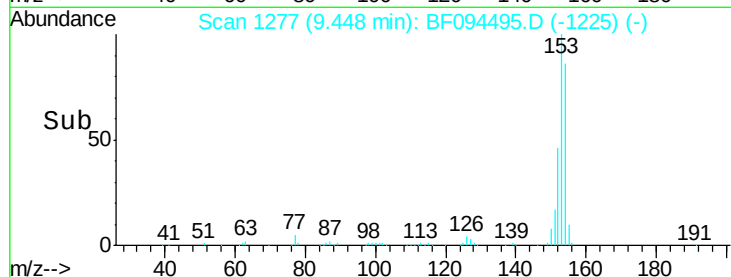
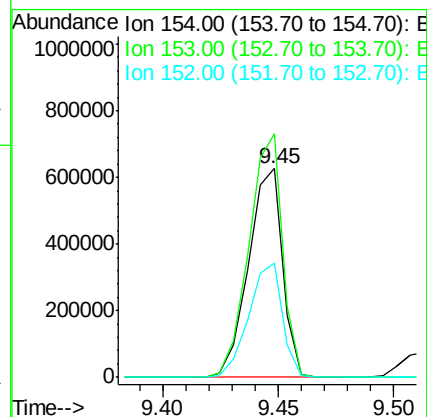
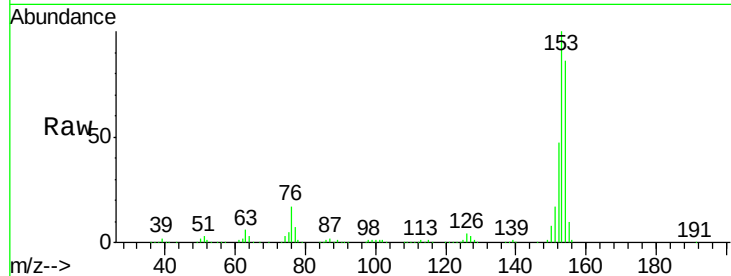
ClientSampleId :

WDS-02MSD

Tot Ion:	154	Resp:	645838
Ion Ratio	Lower	Upper	
154	100		
153	116.5	90.5	135.7
152	54.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 29.17 ng

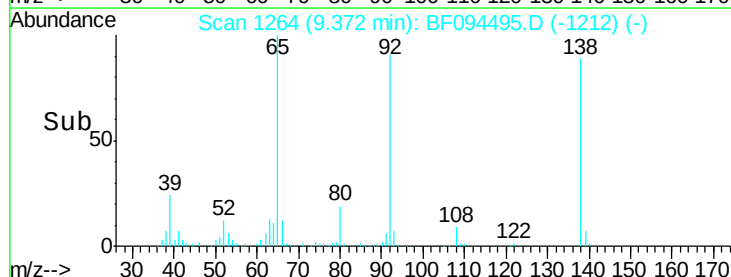
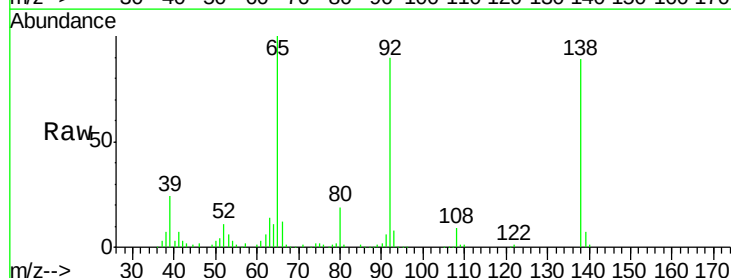
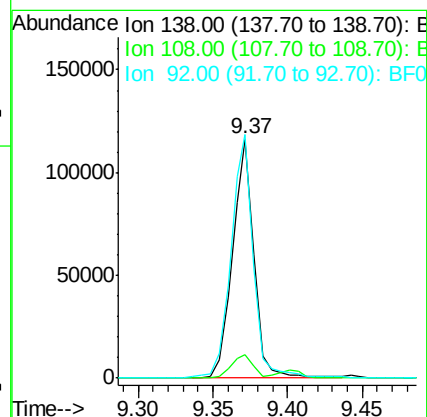
RT: 9.37 min Scan# 1264

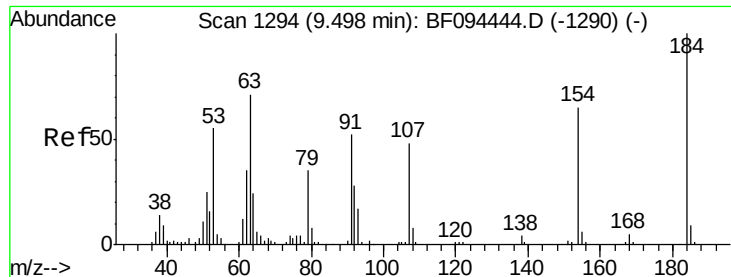
Delta R.T. 0.00 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Tgt Ion:	138	Resp:	118319
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	102.1	93.8	140.6





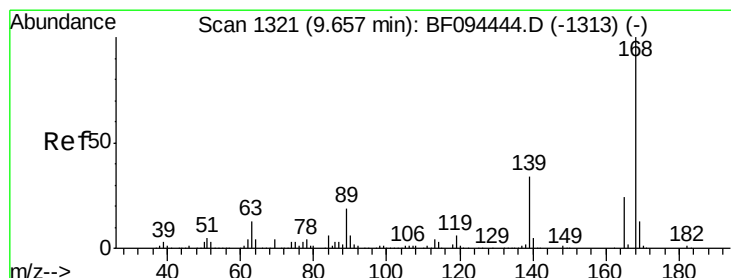
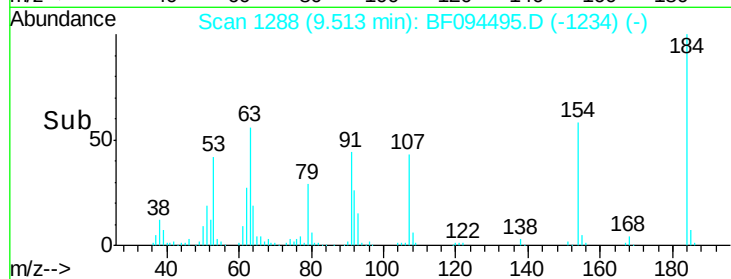
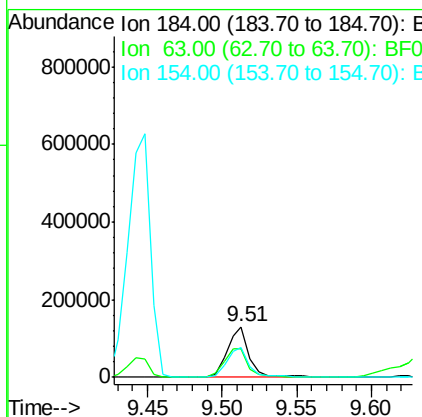
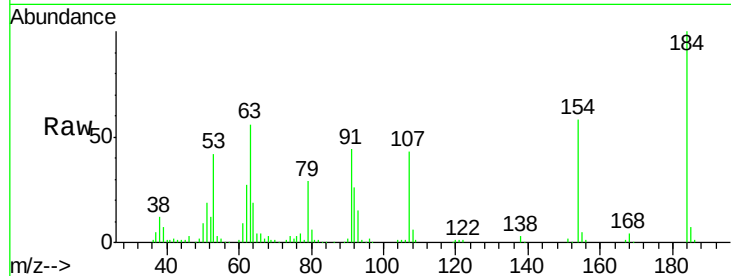
#53
 2,4-Dinitrophenol
 Concen: 72.52 na
 RT: 9.51 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.2	62.7	94.1#	
154	58.1	81.1	121.7#	

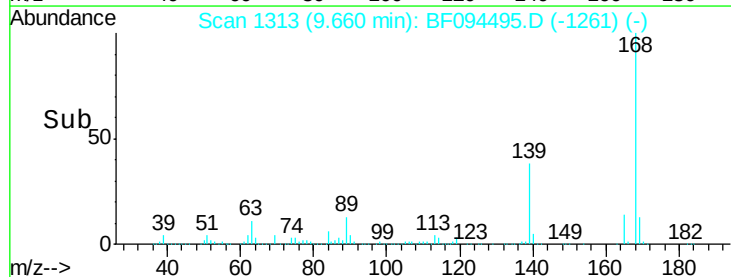
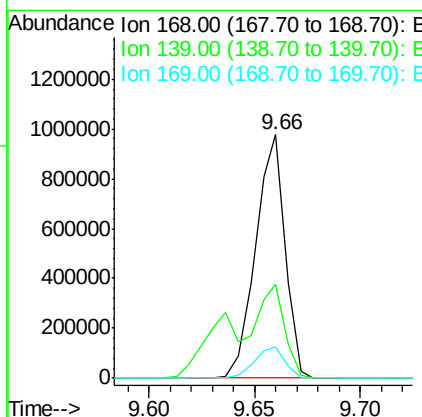
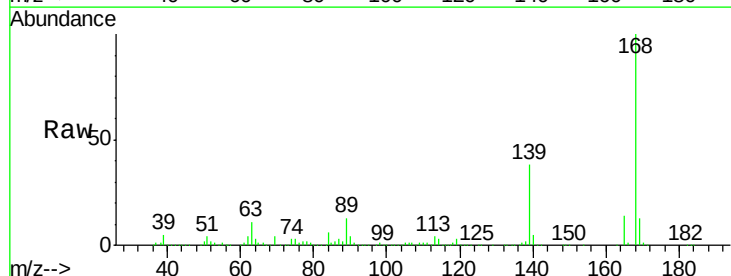
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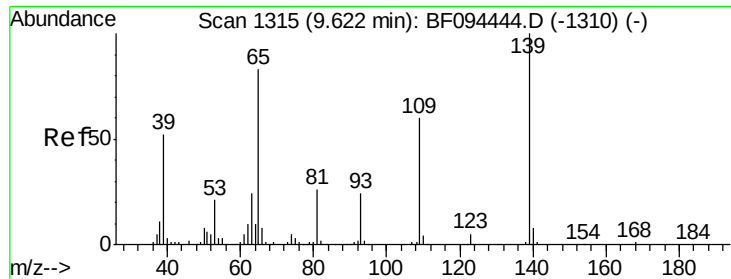
mohammad
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#54
 Dibenzofuran
 Concen: 51.15 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.3	30.6	45.8	
169	12.8	10.8	16.2	





#55

4-Nitrophenol

Concen: 100.08 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

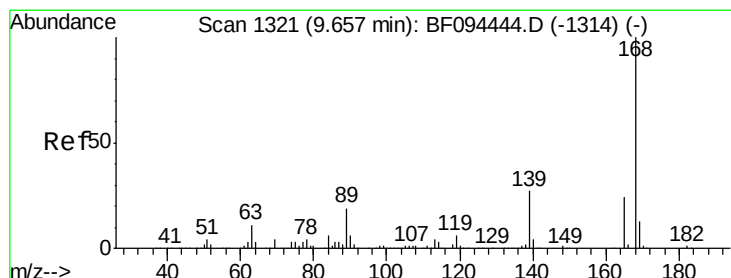
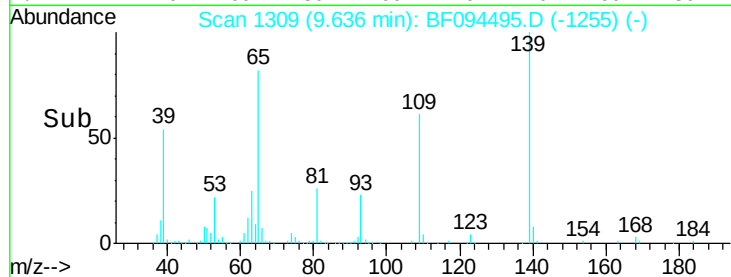
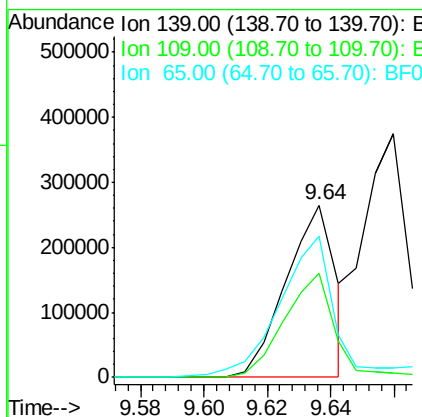
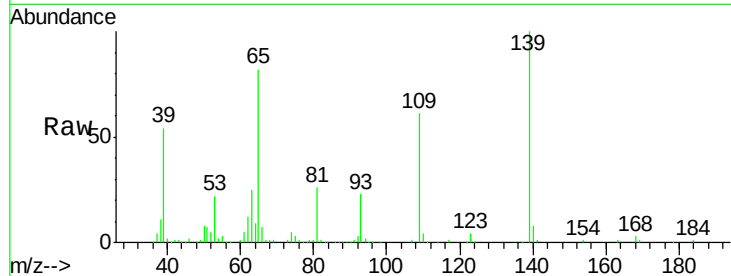
ClientSampleId :

WDS-02MSD

Tot Ion:	139	Resp:	286822
Ion Ratio	Lower	Upper	
139	100		
109	60.8	34.1	74.1
65	82.4	31.4	71.4

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 55.90 ng

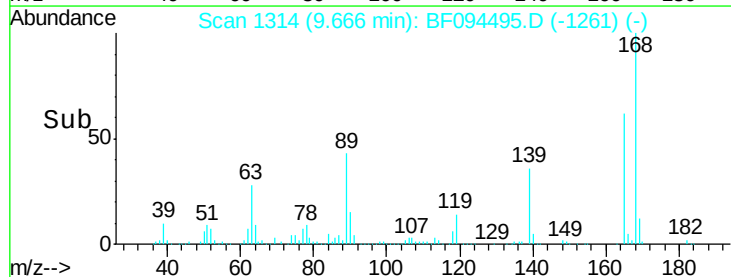
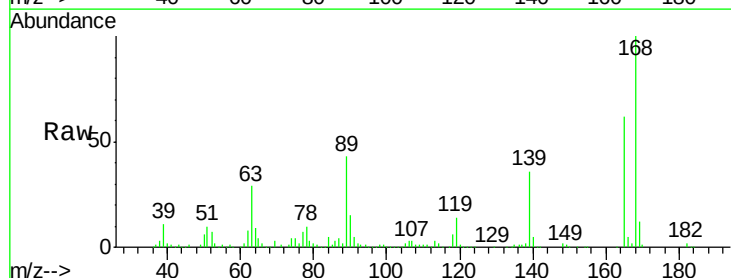
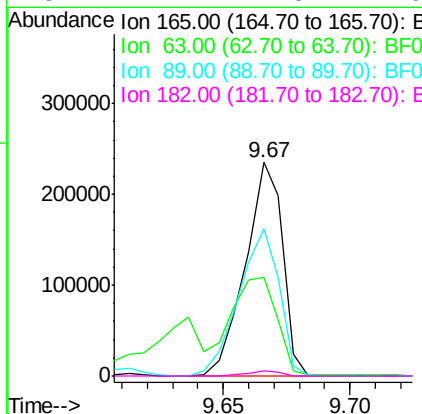
RT: 9.67 min Scan# 1314

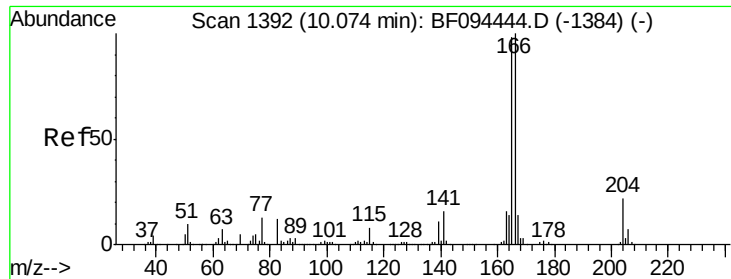
Delta R.T. 0.01 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Tgt Ion:	165	Resp:	240501
Ion Ratio	Lower	Upper	
165	100		
63	46.4	25.4	38.0
89	69.0	46.4	69.6
182	2.4	1.8	2.6





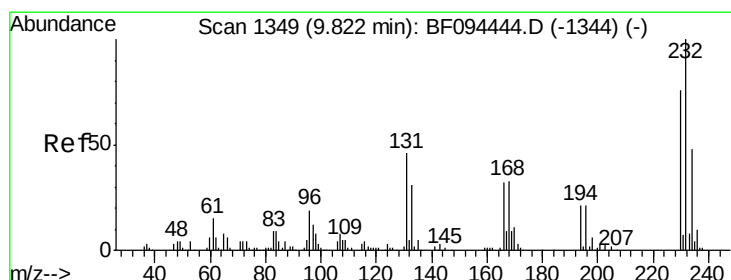
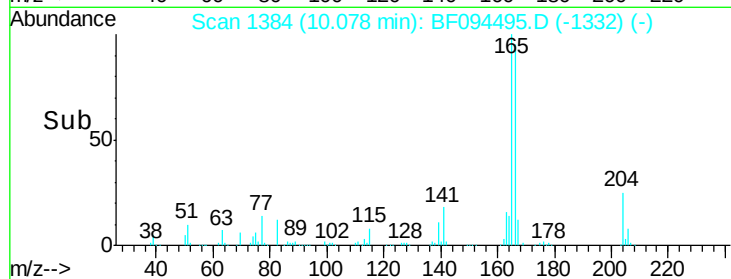
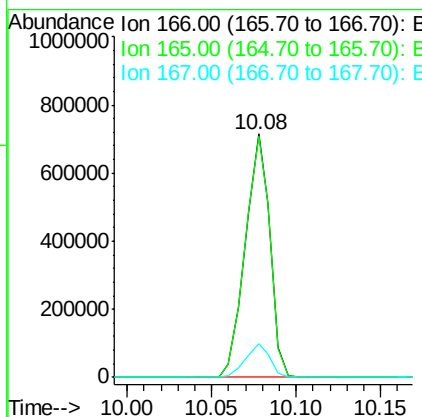
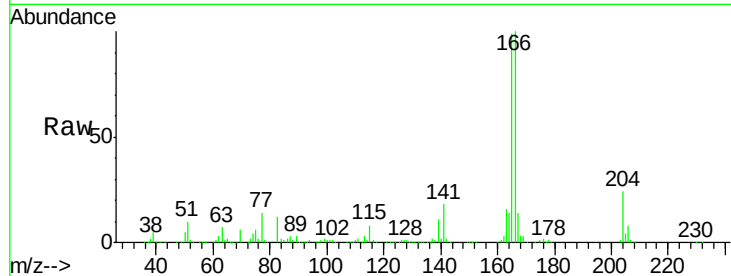
#57
 Fluorene
 Concen: 50.47 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	726356		
165	99.1		78.8	118.2
167	13.6		10.6	16.0

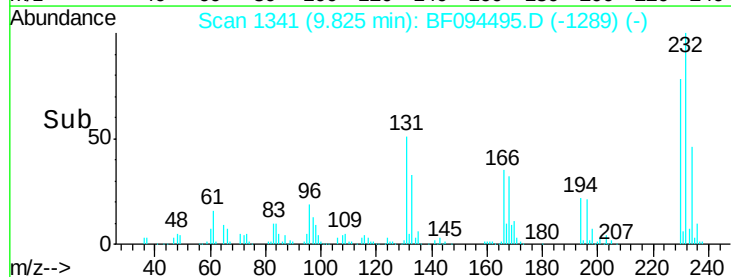
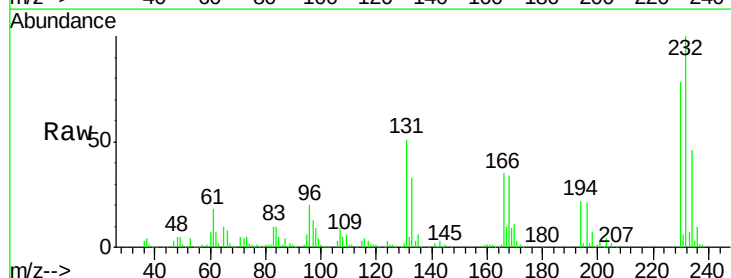
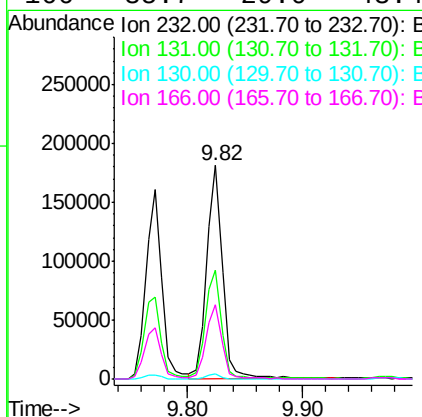
Manual Integrations
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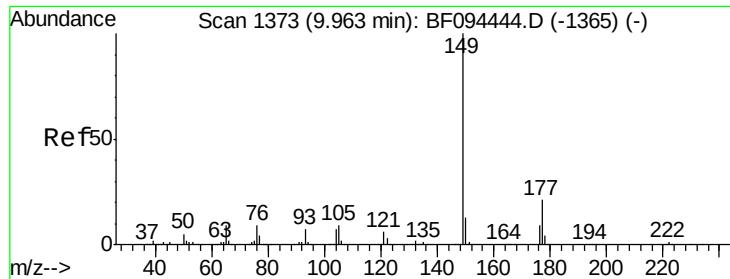
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.32 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	173769		
131	51.7		44.8	67.2
130	2.3		2.3	3.5#
166	35.7		29.0	43.4





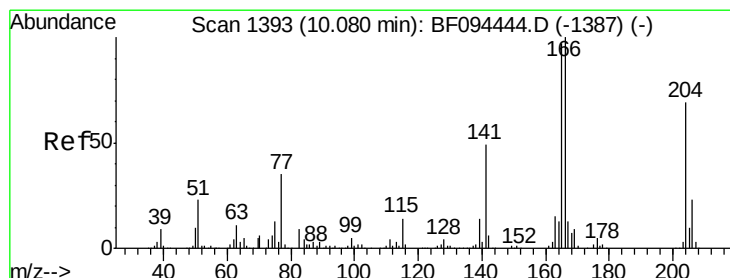
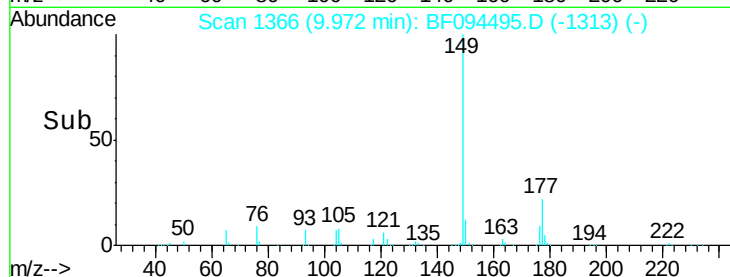
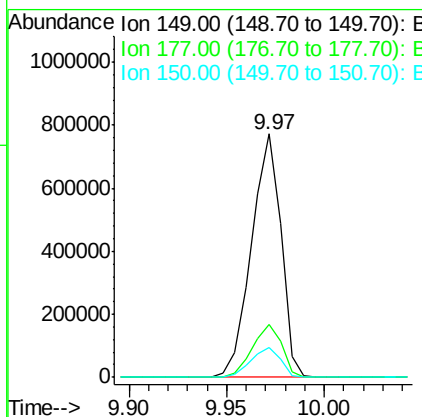
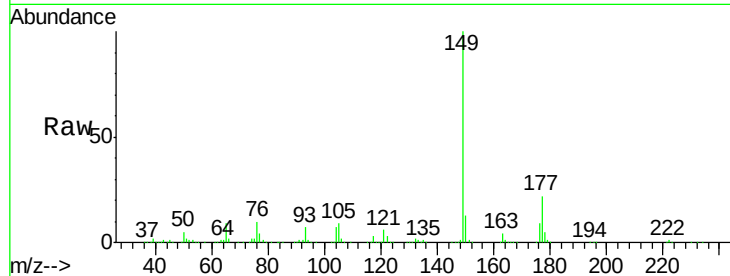
#59
Diethylphthalate
Concen: 54.93 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampled :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.5	10.2	15.2

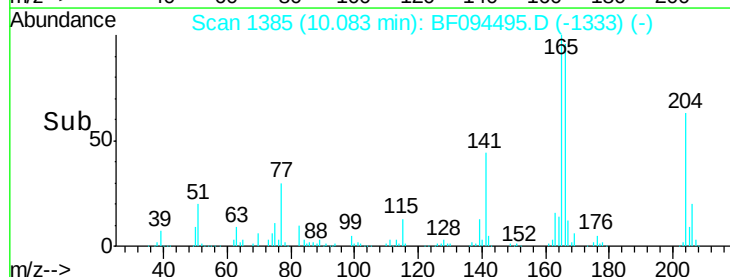
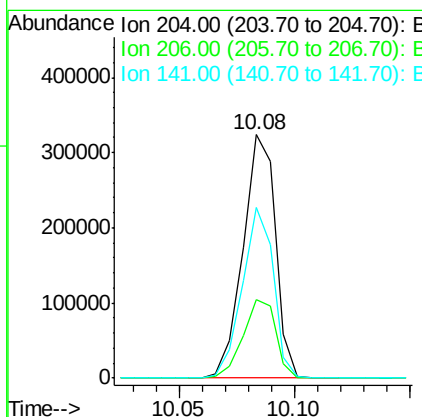
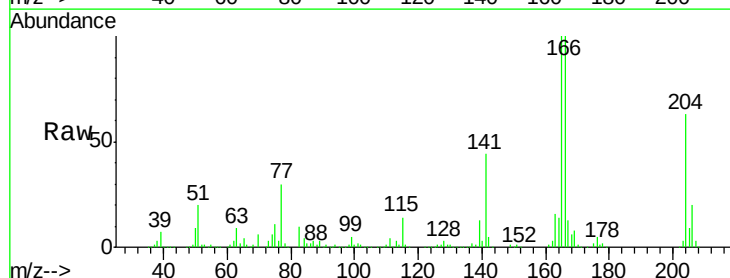
Manual Integrations
APPROVED

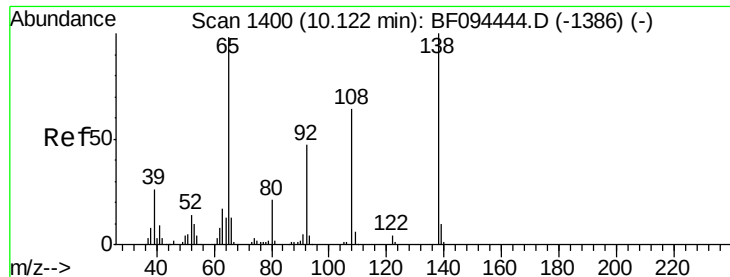
mohammad
4/19/2017 1:33:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 53.26 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	70.0	60.8	91.2





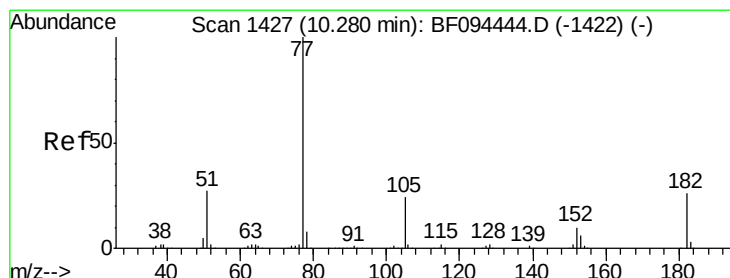
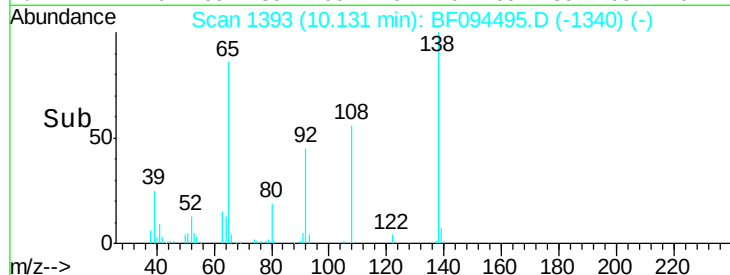
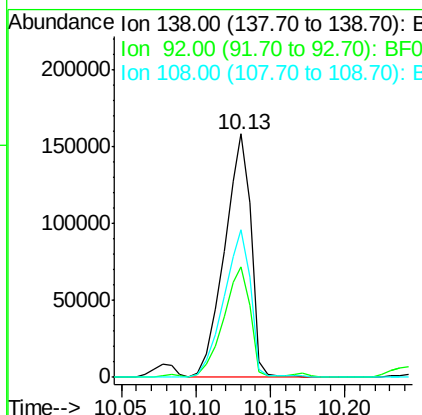
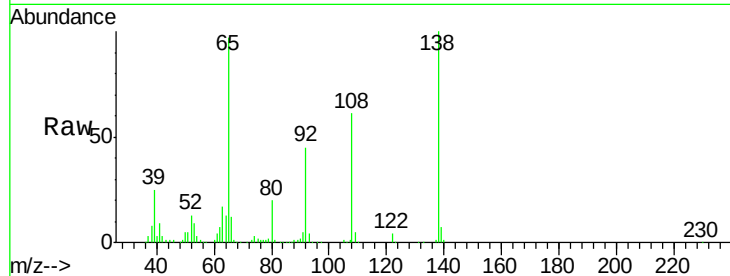
#61
4-Nitroaniline
Concen: 47.94 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.2	21.8	61.8
108	60.7	42.3	82.3

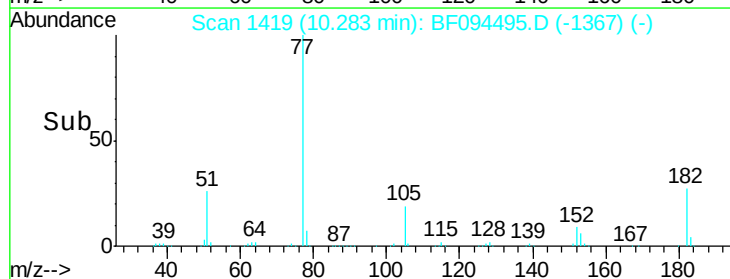
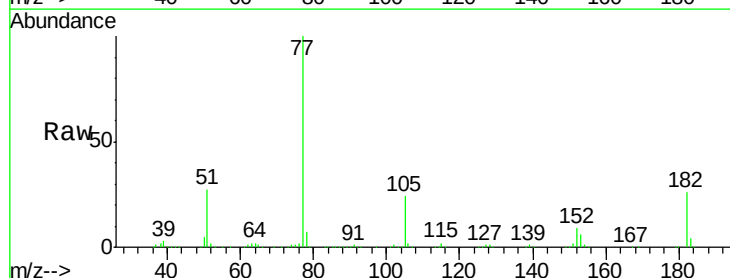
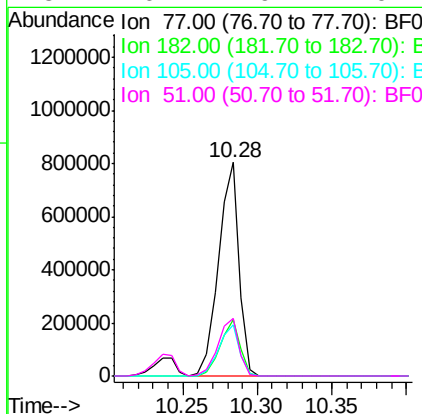
Manual Integrations
APPROVED

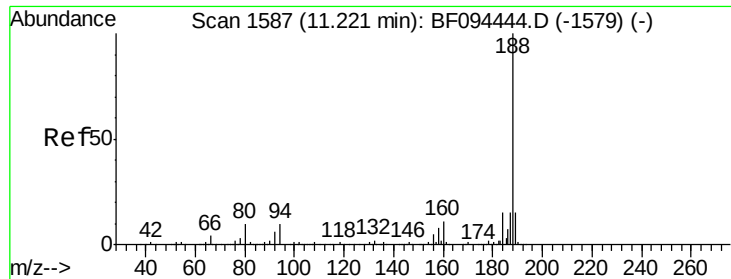
mohammad
4/19/2017 1:33:16 PM



#62
Azobenzene
Concen: 53.82 ng
RT: 10.28 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	0.1	40.1
105	24.2	3.6	43.6
51	26.7	9.4	49.4





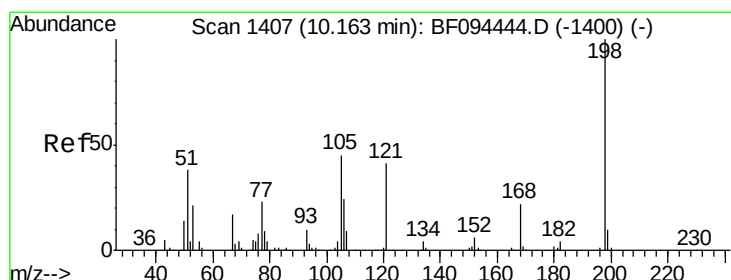
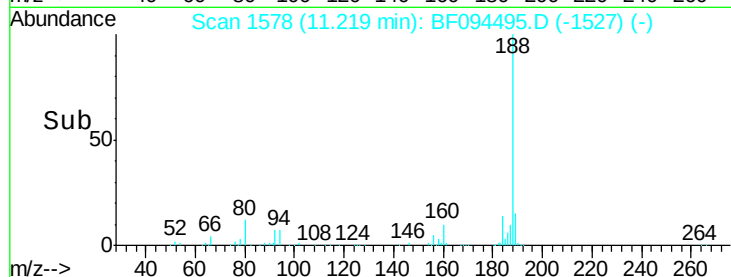
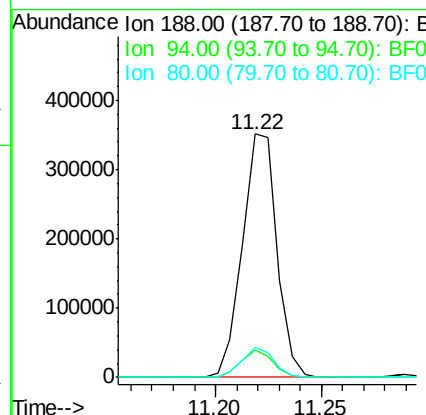
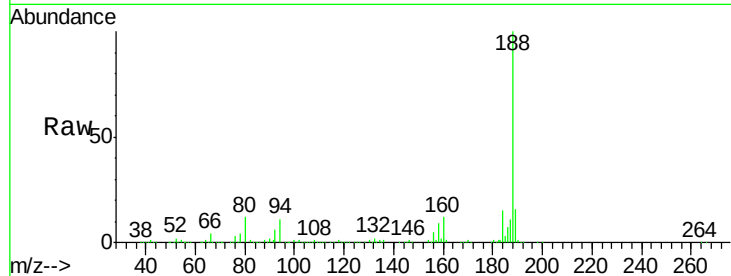
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	396133		
94	11.1		9.4	14.2
80	12.1		10.2	15.2

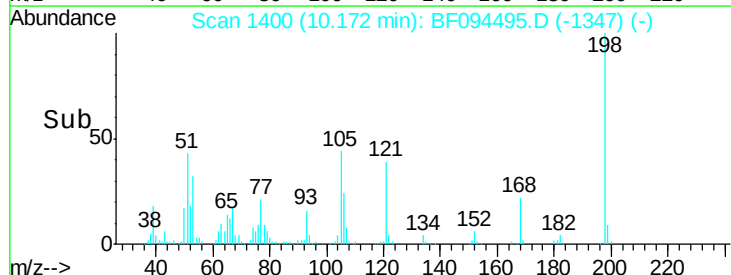
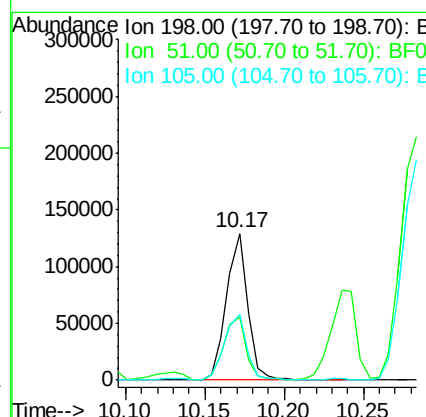
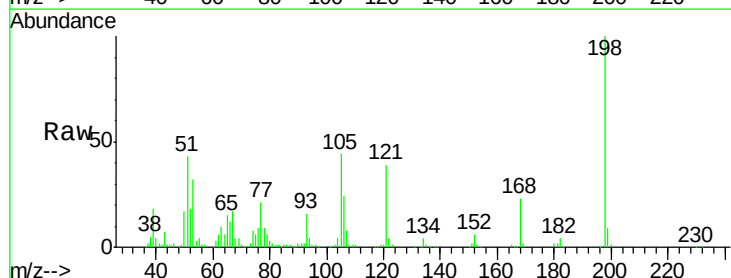
Manual Integrations
APPROVED

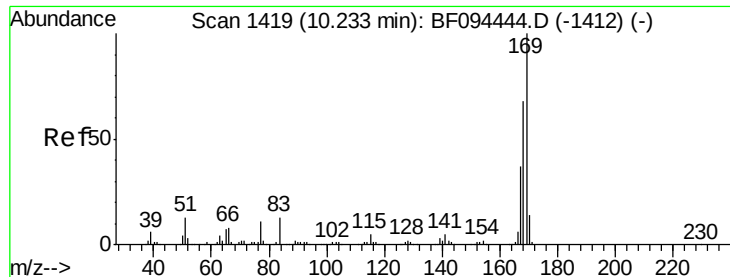
mohammad
4/19/2017 1:33:16 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.76 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	121371		
51	42.6		53.2	93.2#
105	44.4		45.8	85.8#





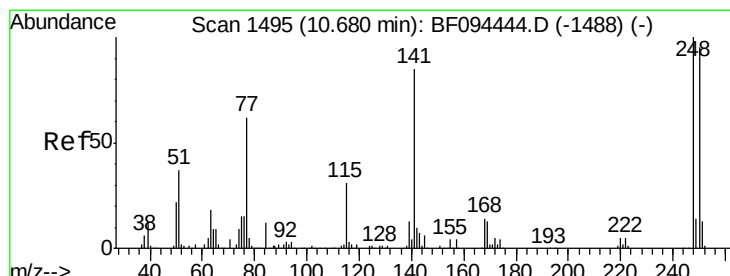
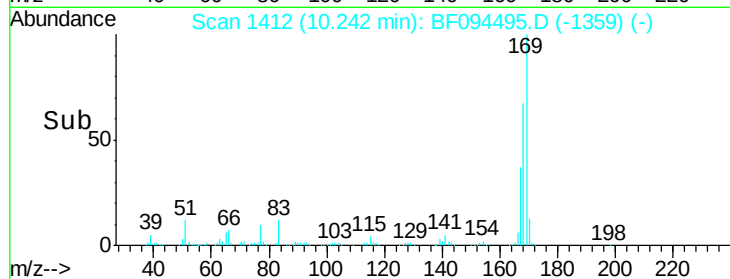
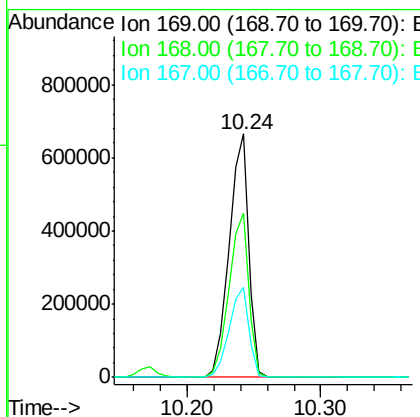
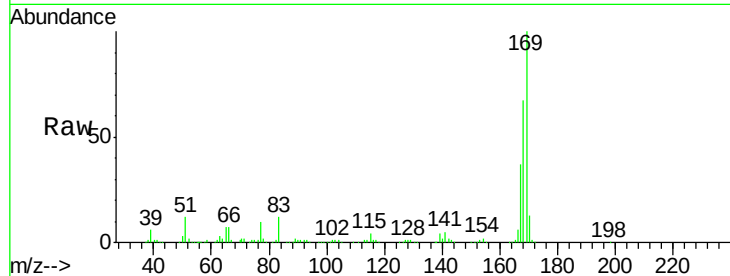
#65
n-Nitrosodiphenylamine
Concen: 49.96 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	688322		
168	67.3	53.2	79.8	
167	37.1	29.5	44.3	

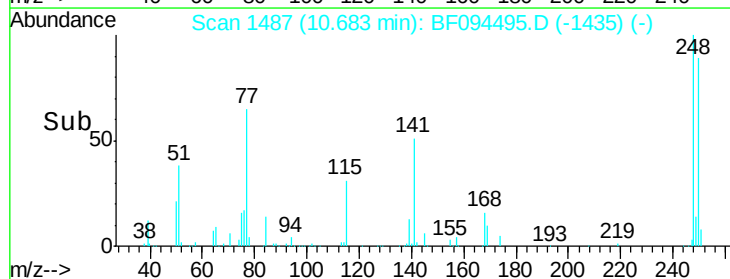
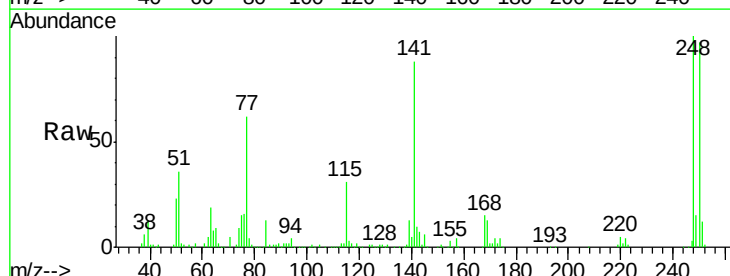
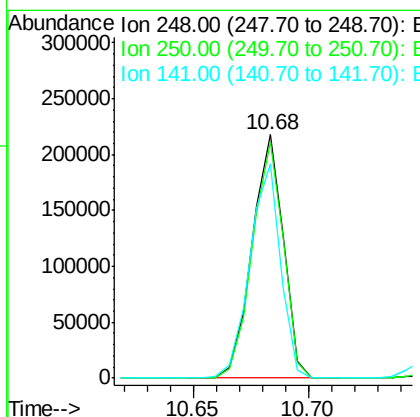
Manual Integrations
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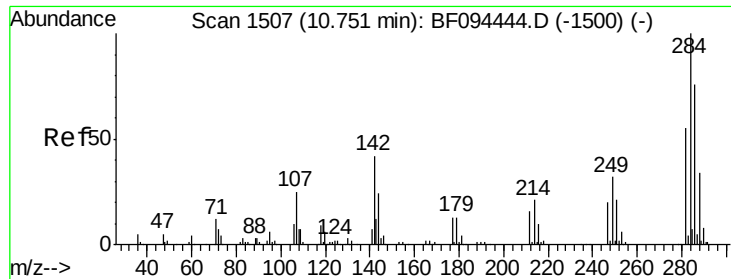
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 52.30 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	205704		
250	97.0	76.8	115.2	
141	88.0	68.6	103.0	





#67

Hexachlorobenzene

Concen: 52.35 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

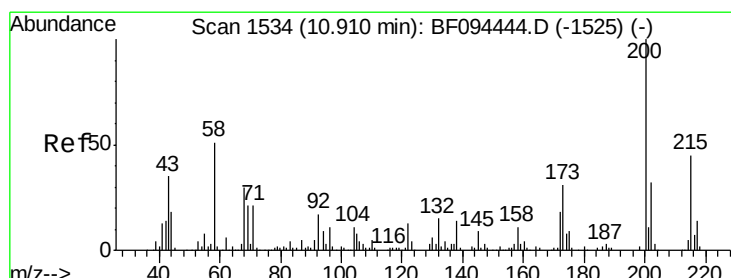
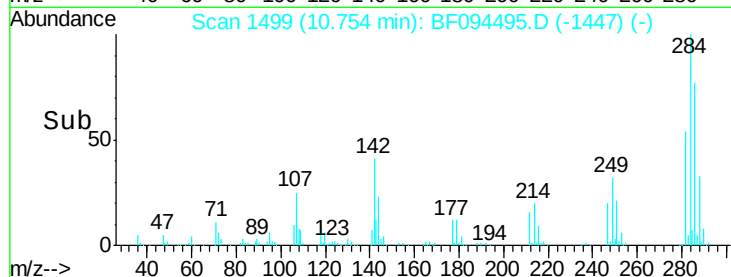
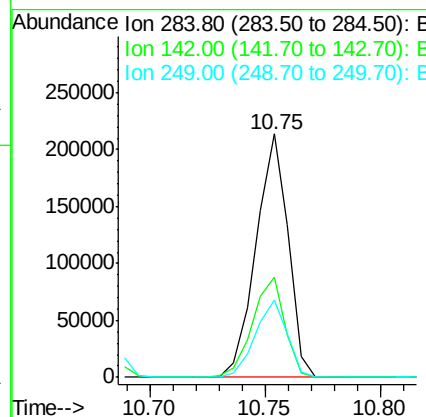
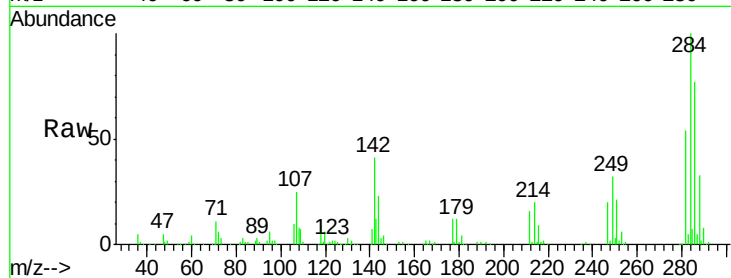
ClientSampled :

WDS-02MSD

Tot Ion:	284	Resp:	207508
Ion Ratio		Lower	Upper
284	100		
142	41.1	22.8	34.2#
249	31.8	24.0	36.0

Manual Integrations
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mohammad
4/19/2017 1:33:16 PM



#68

Atrazine

Concen: 52.60 ng

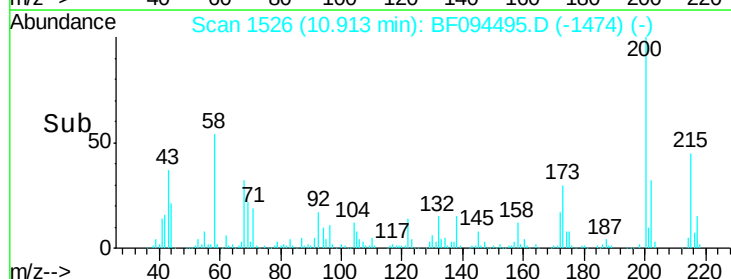
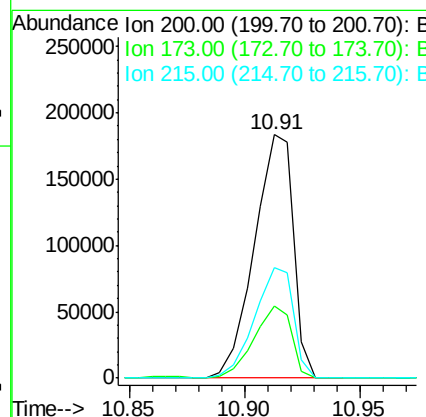
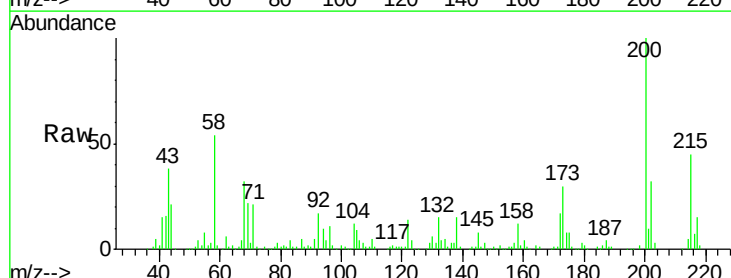
RT: 10.91 min Scan# 1526

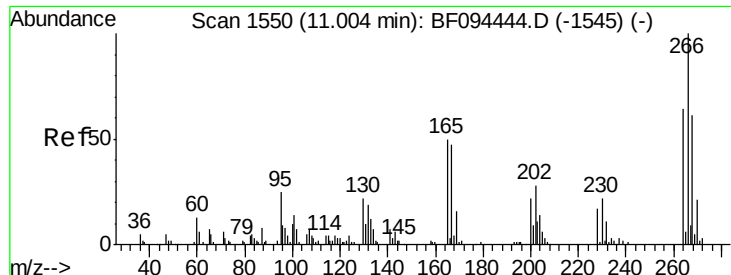
Delta R.T. 0.00 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Tgt Ion:	200	Resp:	216795
Ion Ratio		Lower	Upper
200	100		
173	29.6	6.3	46.3
215	45.5	27.2	67.2





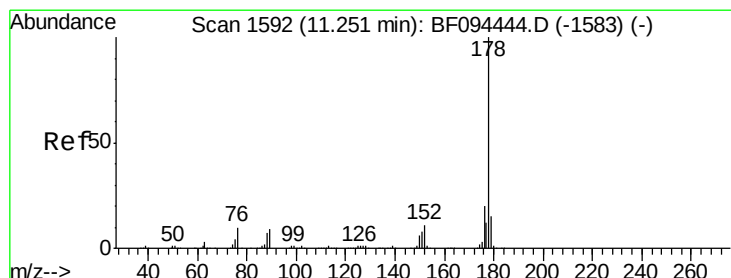
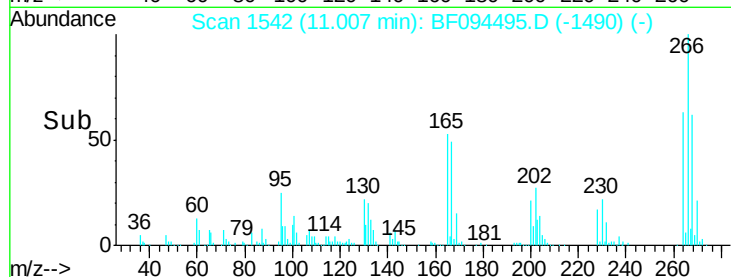
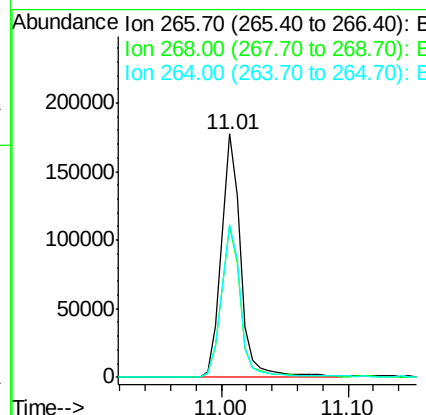
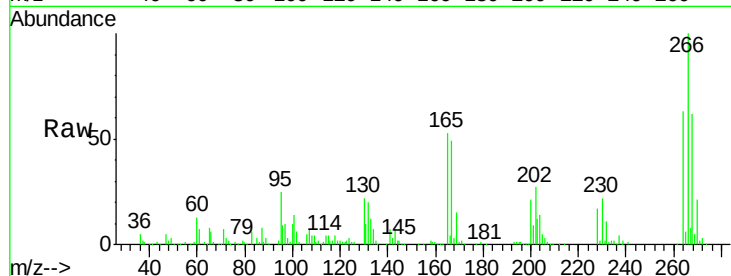
#69
 Pentachlorophenol
 Concen: 122.84 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	193356		
268	62.4	51.1	76.7	
264	62.9	51.7	77.5	

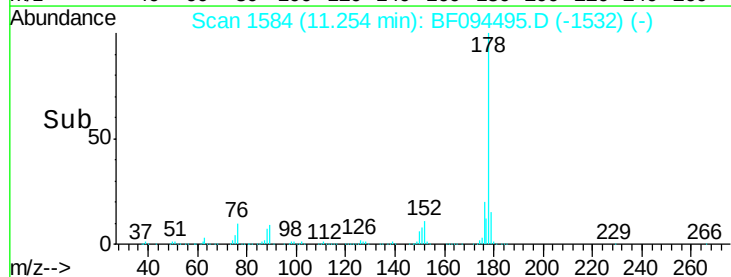
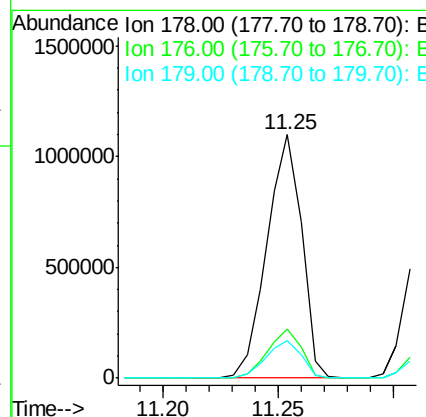
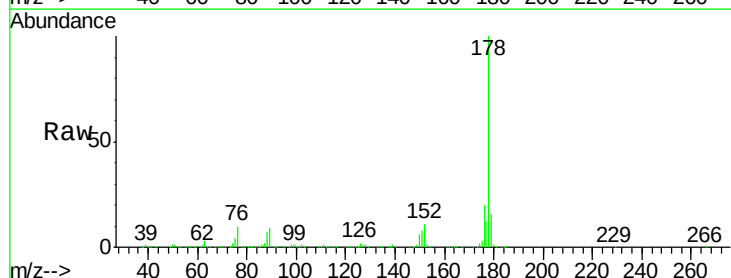
Manual Integrations
 APPROVED

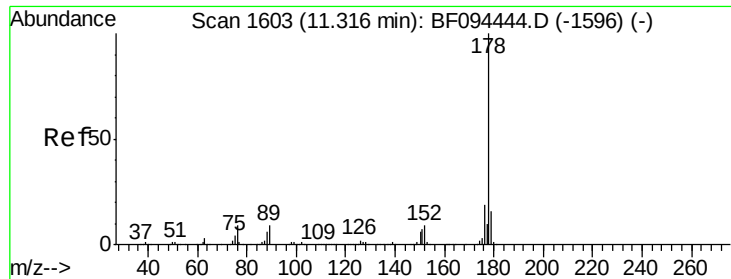
mohammad
 4/19/2017 1:33:16 PM



#70
 Phenanthrene
 Concen: 51.50 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1148788		
176	20.0	16.2	24.4	
179	15.5	12.6	19.0	





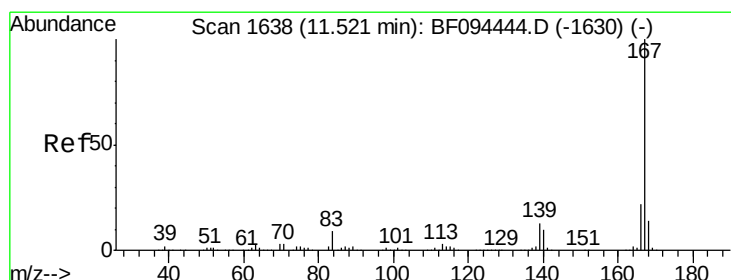
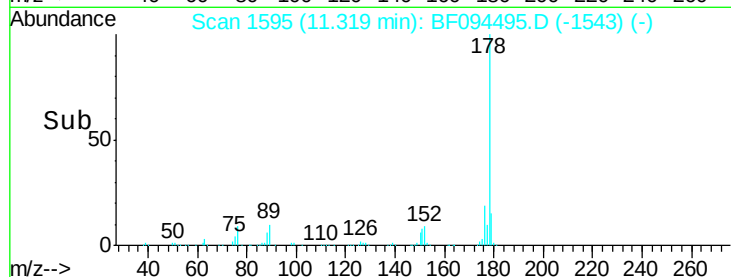
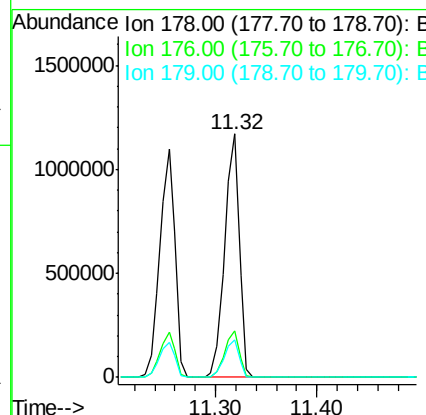
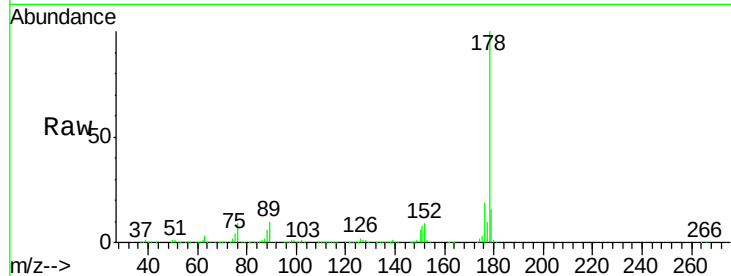
#71
 Anthracene
 Concen: 50.75 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	12.7	19.1

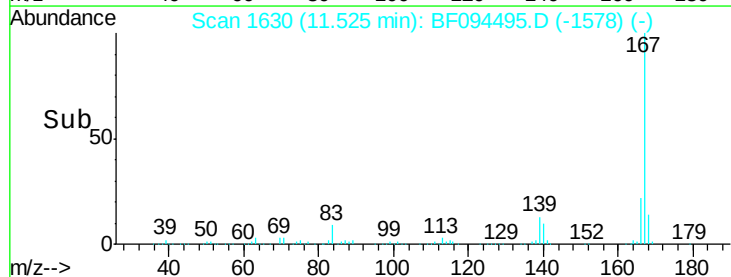
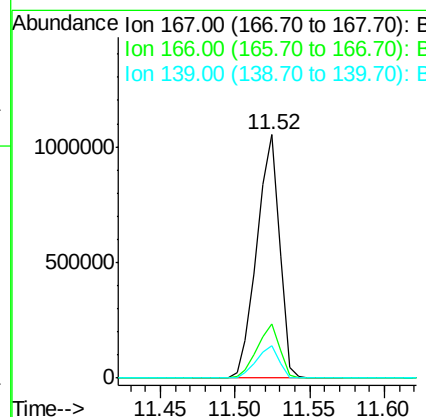
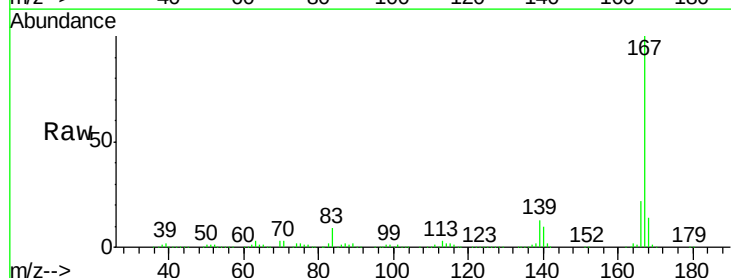
Manual Integrations
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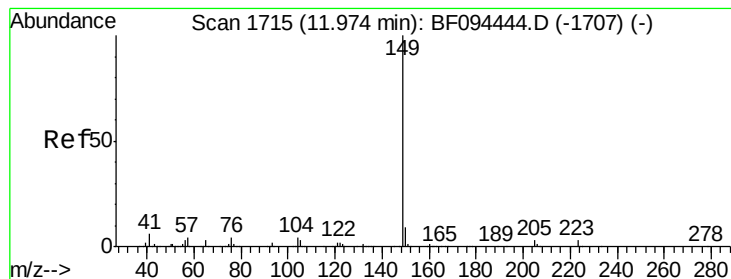
mohammad
 4/19/2017 1:33:16 PM



#72
 Carbazole
 Concen: 50.84 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.3	11.7	17.5





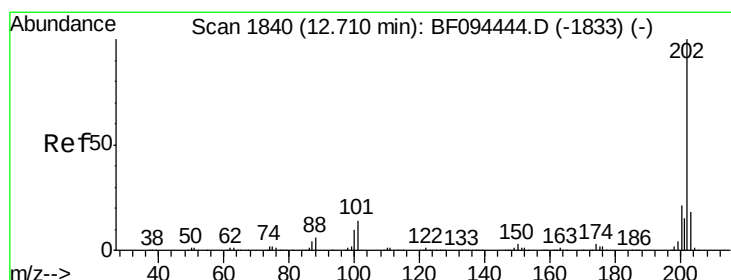
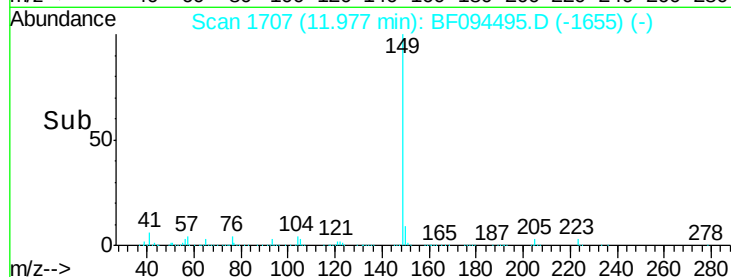
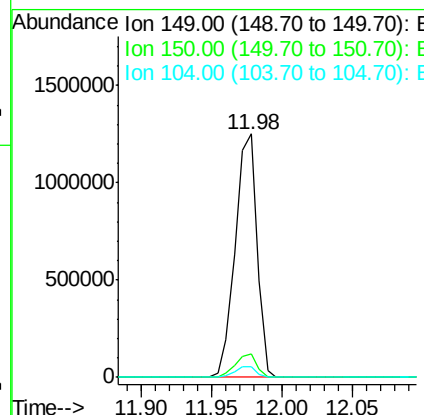
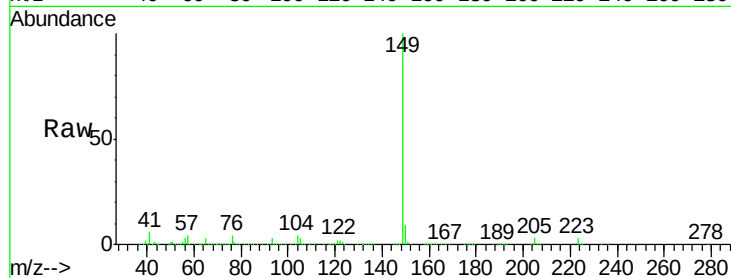
#73
Di-n-butylphthalate
Concen: 56.36 ng
RT: 11.98 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.5	4.0	6.0

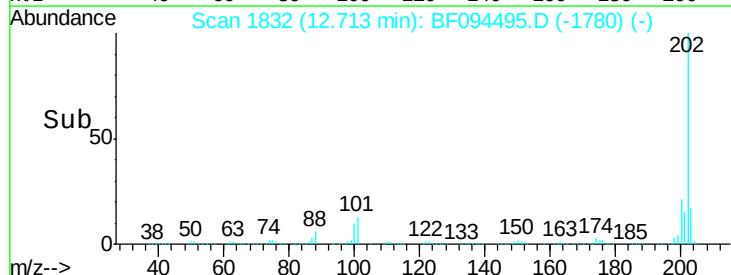
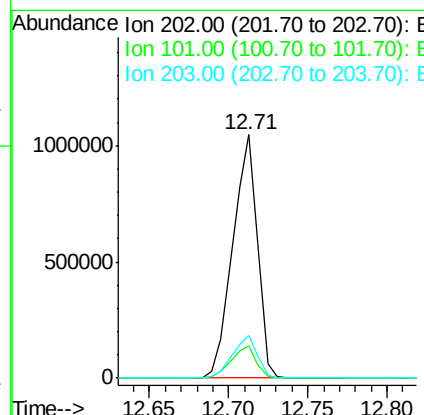
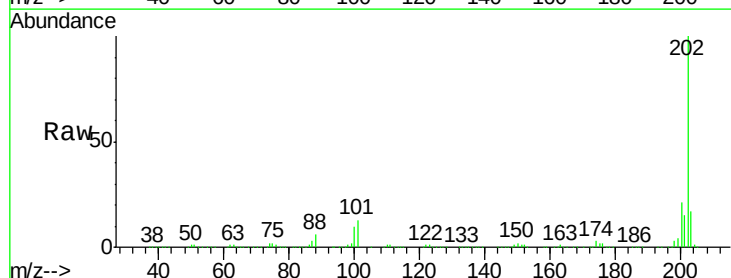
Manual Integrations
APPROVED

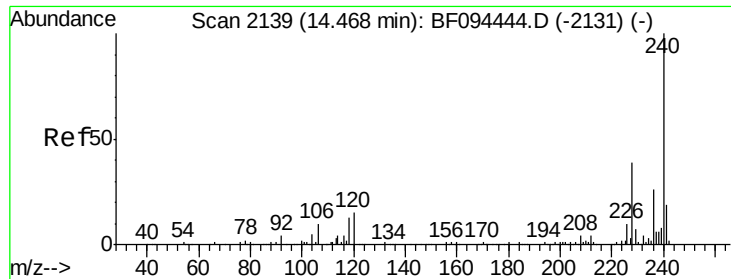
mohammad
4/19/2017 1:33:16 PM



#74
Fluoranthene
Concen: 48.88 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.4	0.0	38.1





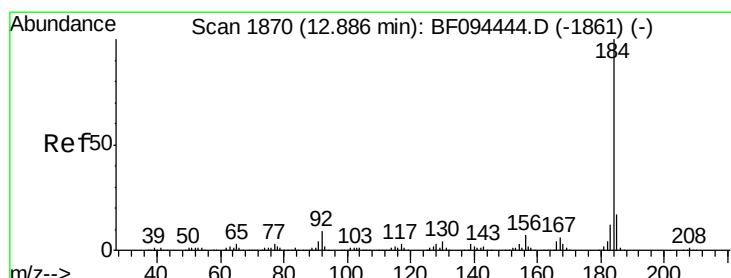
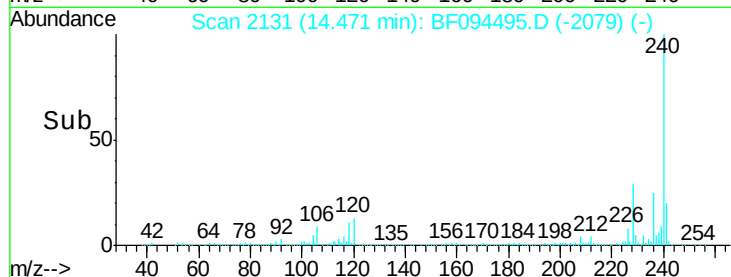
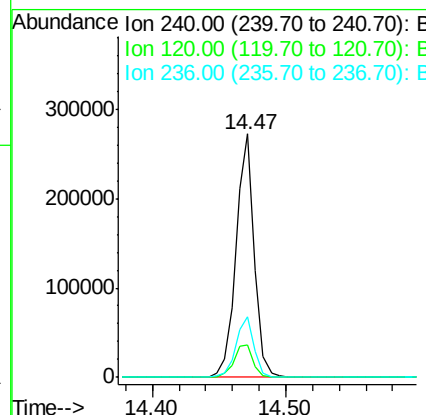
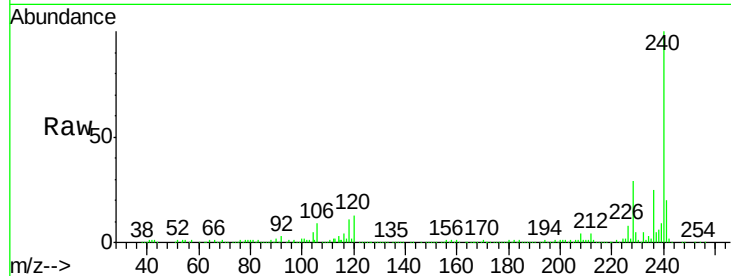
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.8	20.5	30.7

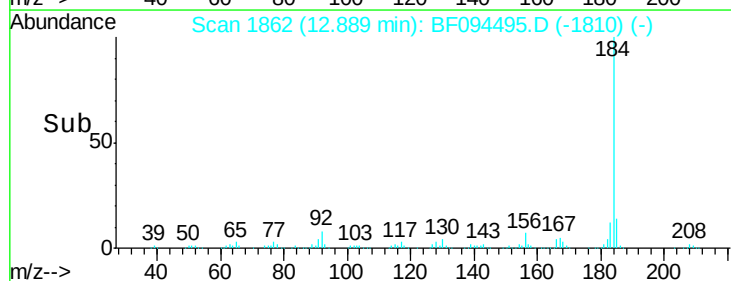
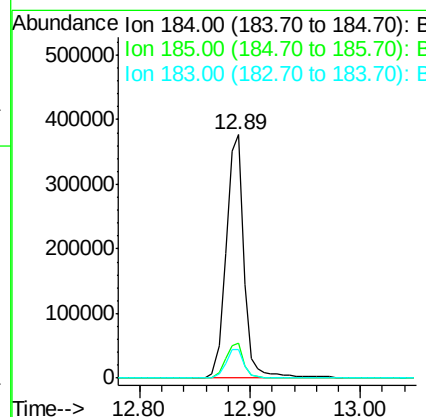
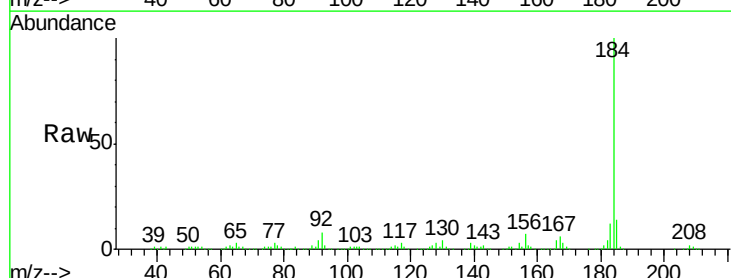
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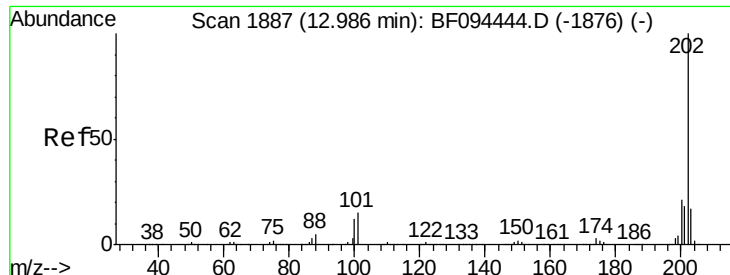
mohammad
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#76
Benzidine
Concen: 40.52 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	15.5	23.3#
183	11.9	9.8	14.6





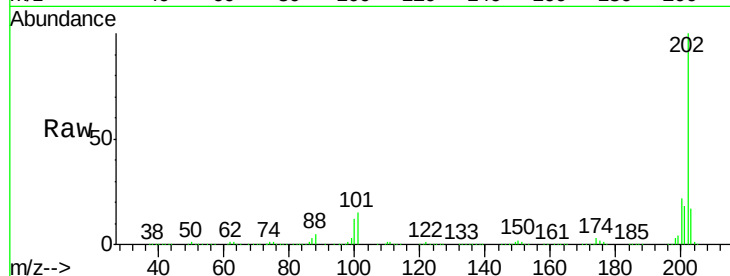
#77
Pvrene
Concen: 60.97 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

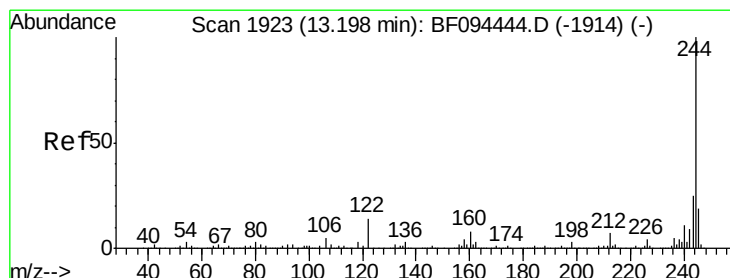
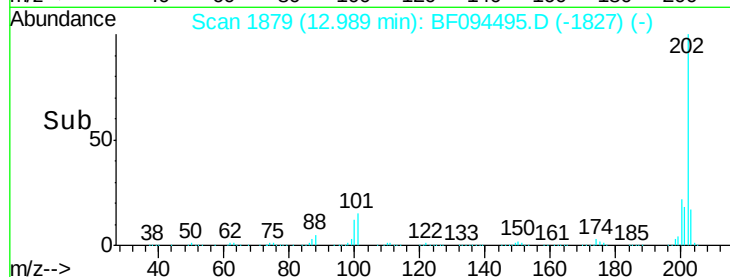
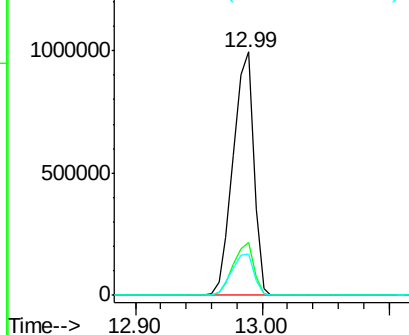
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.2	14.4	21.6

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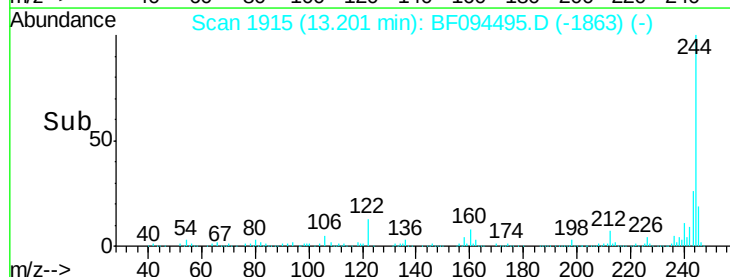
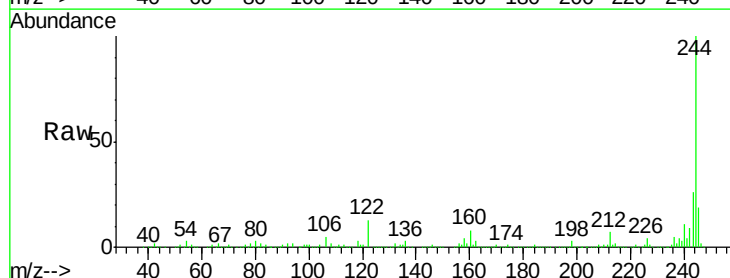
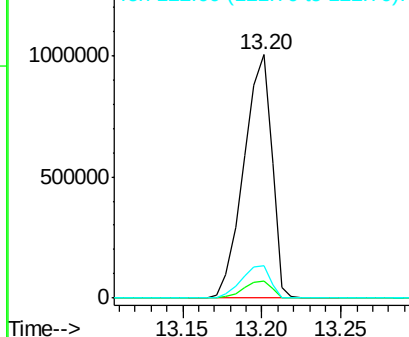
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

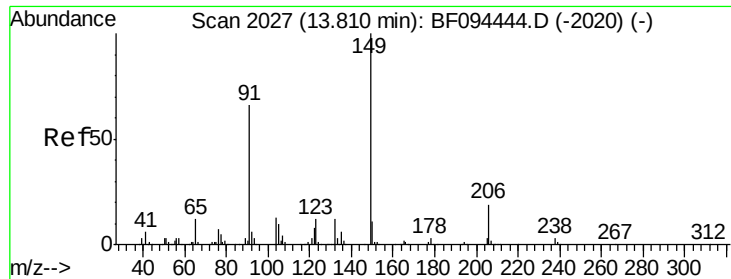


#78
Terphenyl-d14
Concen: 125.59 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

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

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





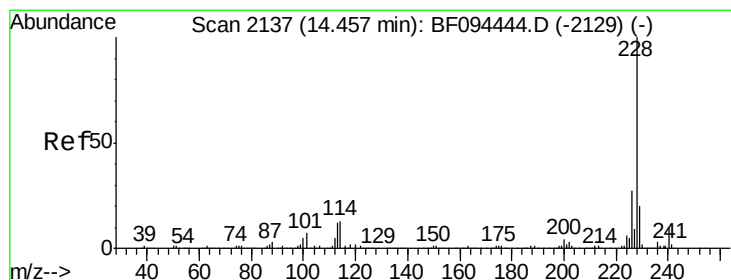
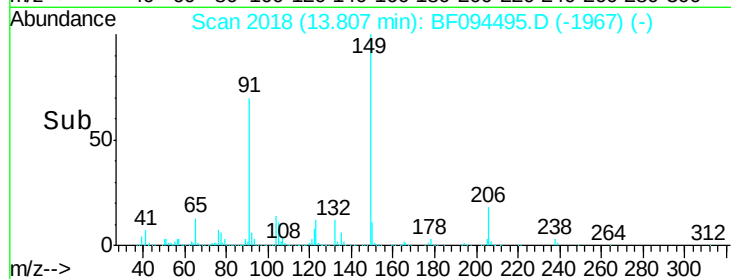
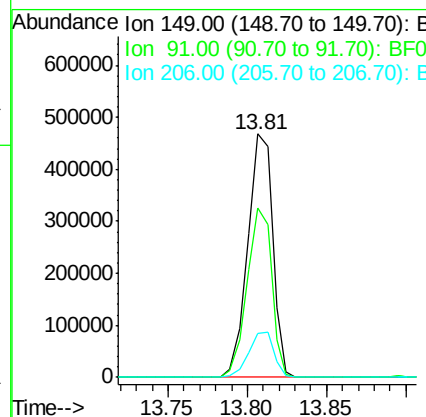
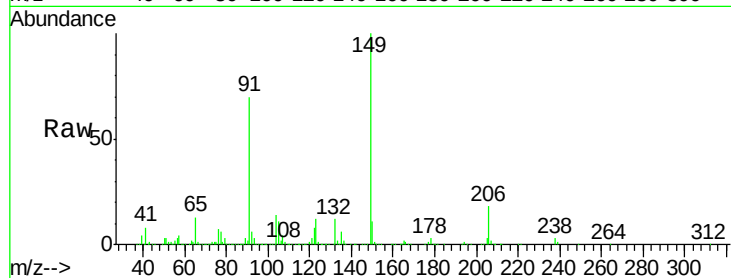
#79
Butylbenzylphthalate
Concen: 63.78 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	45.0	67.4#
206	17.9	17.0	25.6

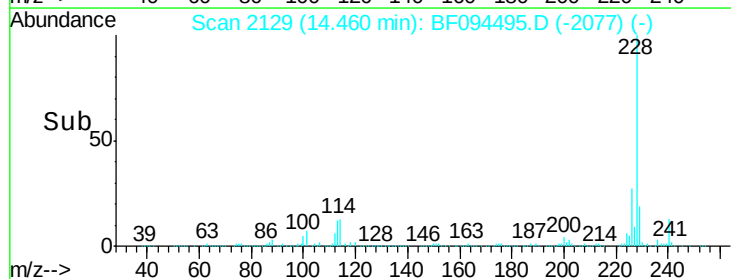
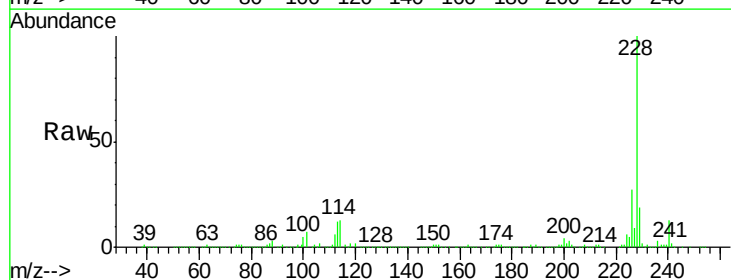
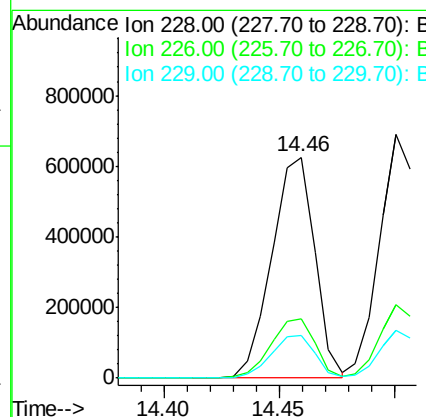
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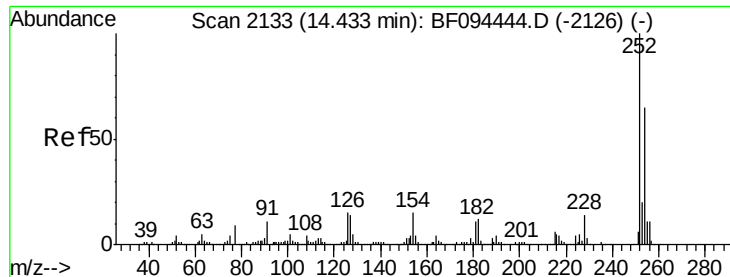
mohammad
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#80
Benzo(a)anthracene
Concen: 53.18 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.2	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 29.49 ng

RT: 14.44 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

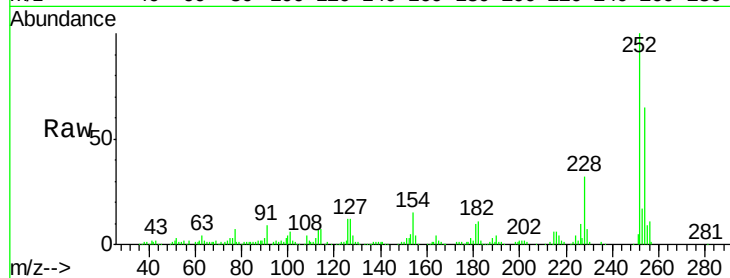
ClientSampleId :

WDS-02MSD

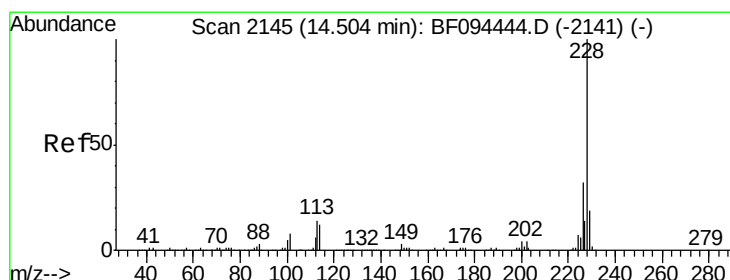
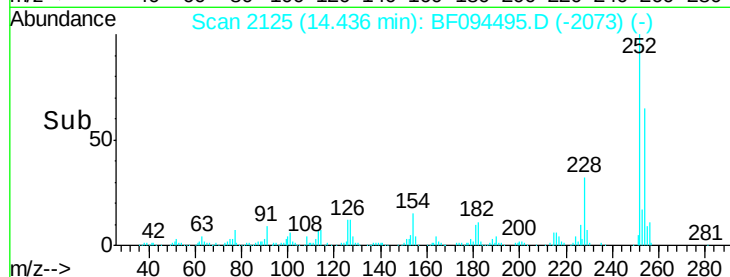
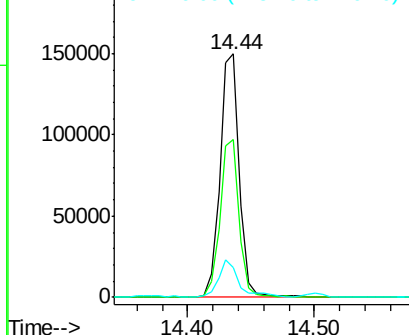
Tot Ion:	252	Resp:	158708
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.5	77.3
126	12.2	15.8	23.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 53.81 ng

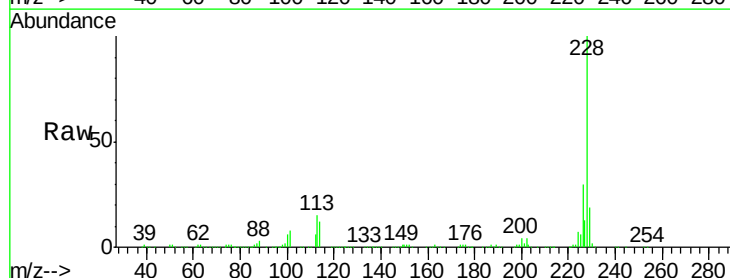
RT: 14.50 min Scan# 2136

Delta R.T. -0.00 min

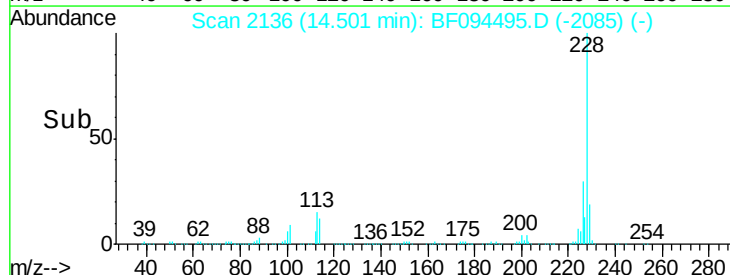
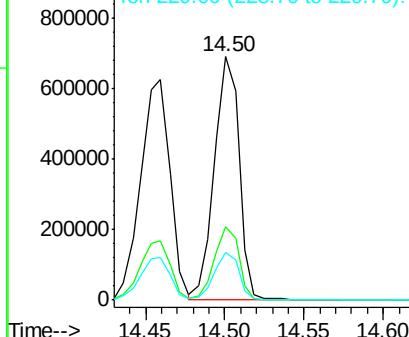
Lab File: BF094495.D

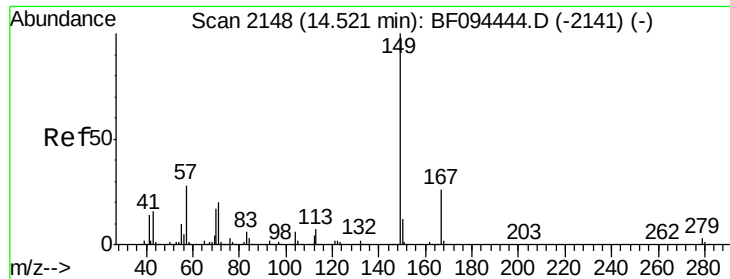
Acq: 18 Apr 2017 19:20

Tgt Ion:	228	Resp:	747550
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.9	37.3
229	19.4	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.72 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Instrument :

BNA_F

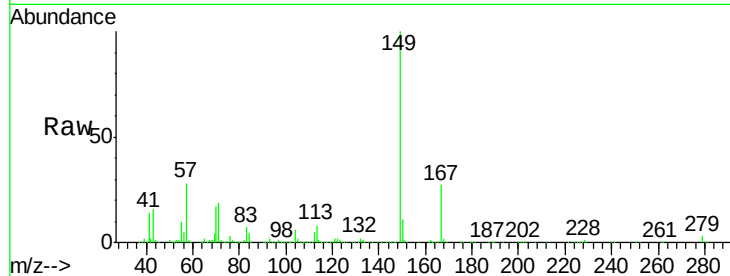
ClientSampleId :

WDS-02MSD

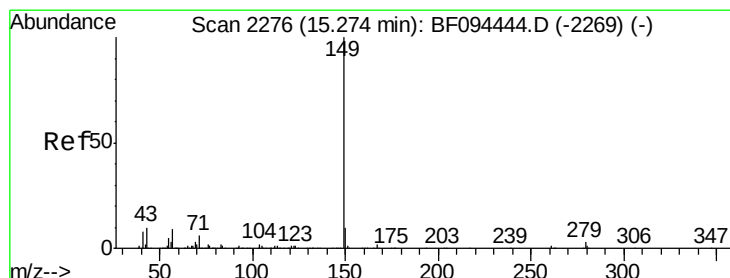
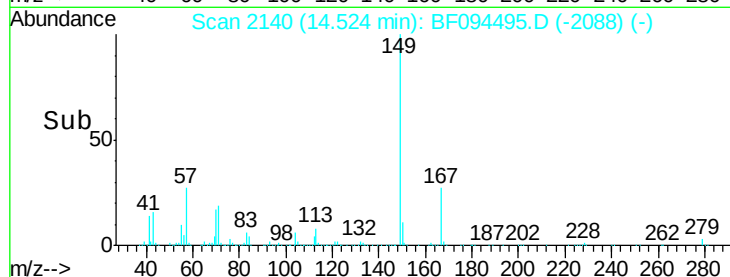
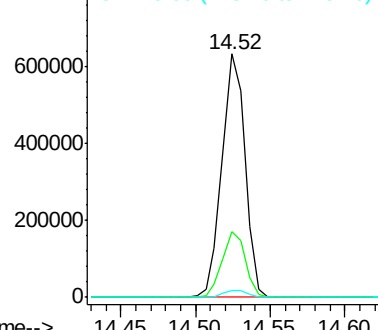
Tot Ion:	149	Resp:	674319
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.0	31.4
279	2.7	1.9	2.9

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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: 62.48 ng

RT: 15.28 min Scan# 2269

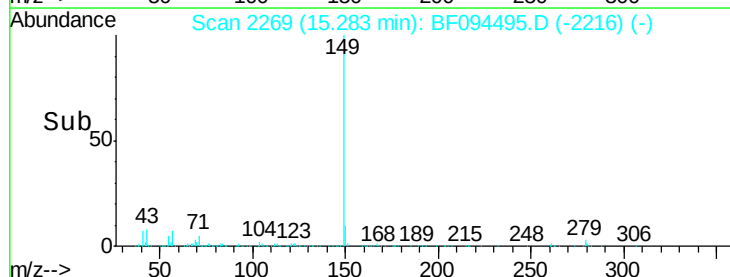
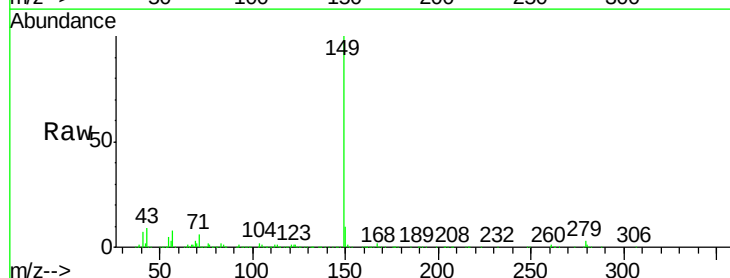
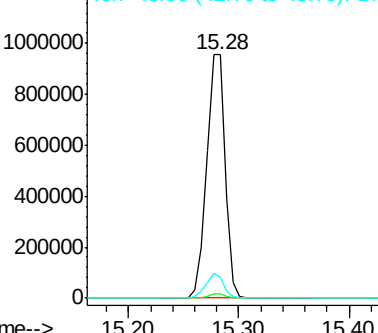
Delta R.T. 0.01 min

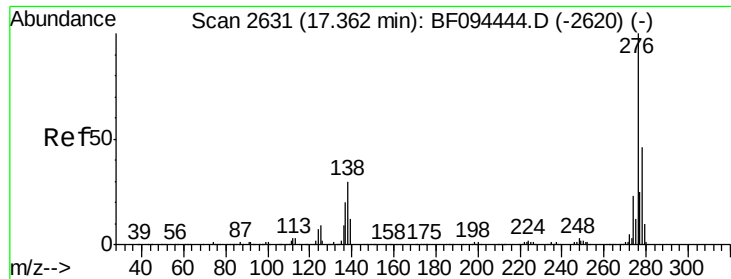
Lab File: BF094495.D

Acq: 18 Apr 2017 19:20

Tgt Ion:	149	Resp:	1126829
Ion Ratio	Lower	Upper	
149	100		
167	1.6	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





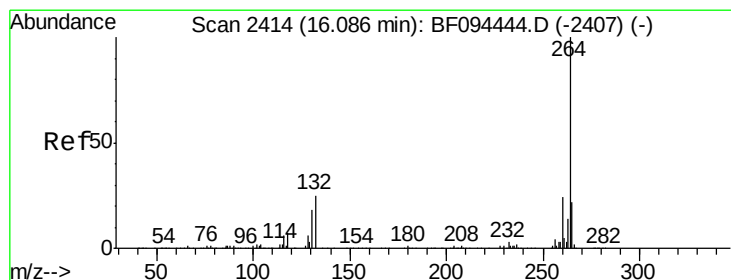
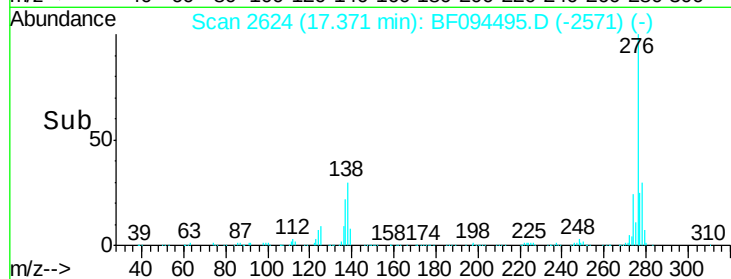
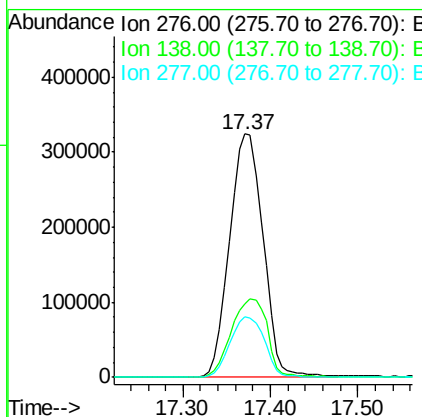
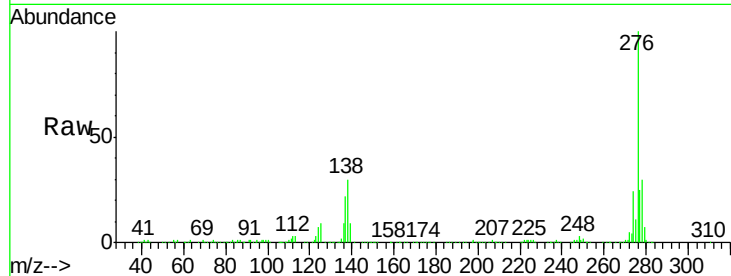
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.01 ng
RT: 17.37 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.9	20.2	30.4

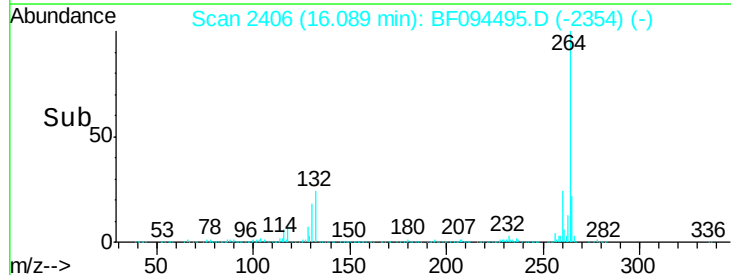
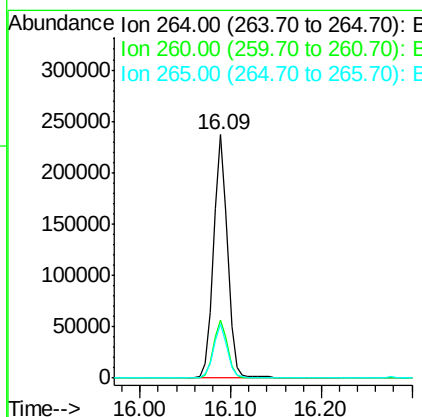
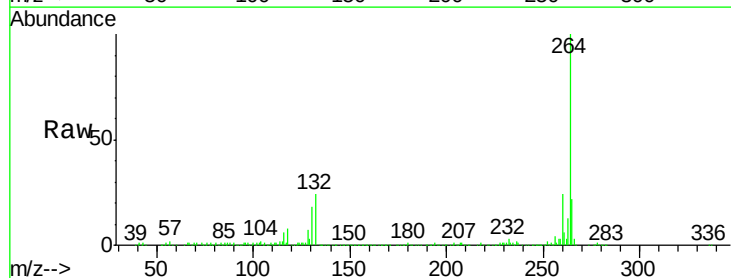
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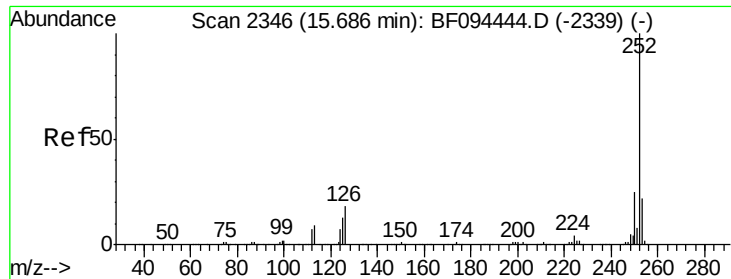
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.4	17.2	25.8





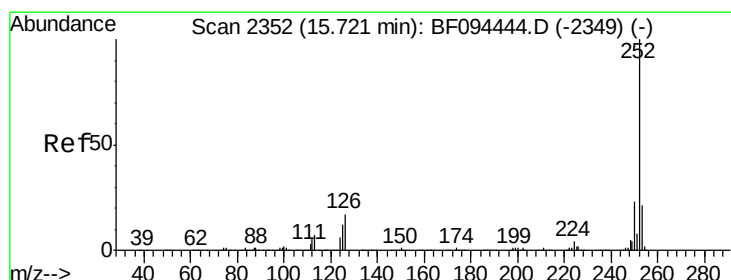
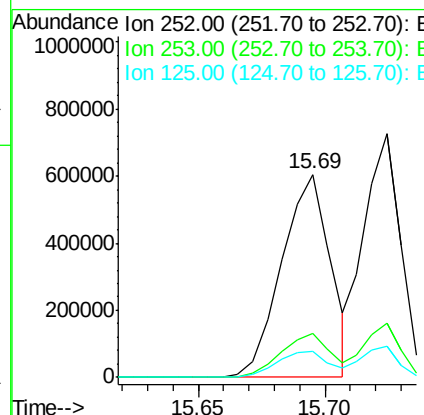
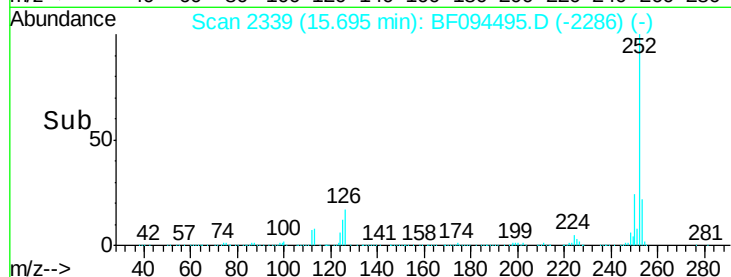
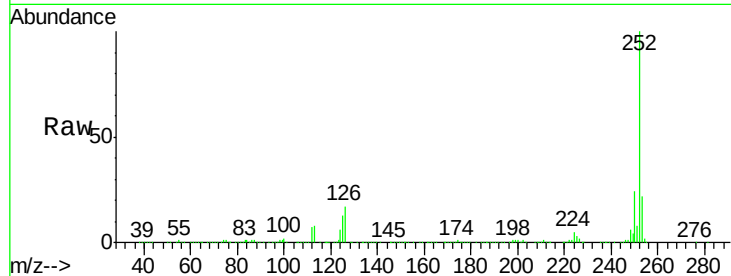
#87
Benzo(b)fluoranthene
Concen: 51.79 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.5	9.8	14.8

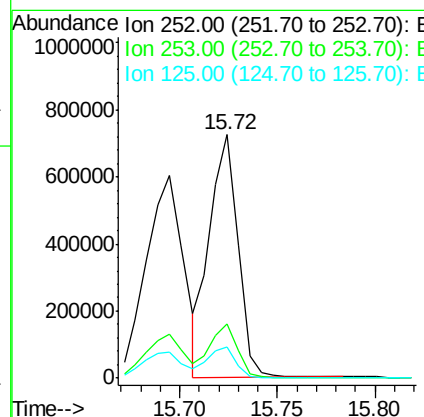
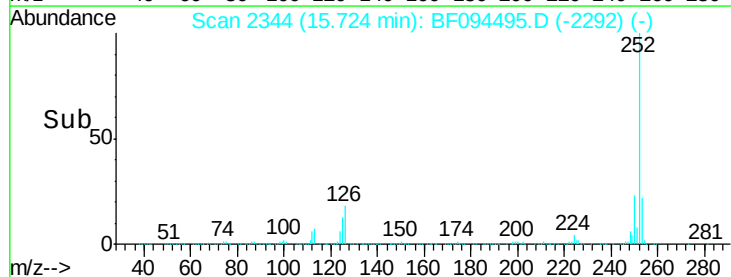
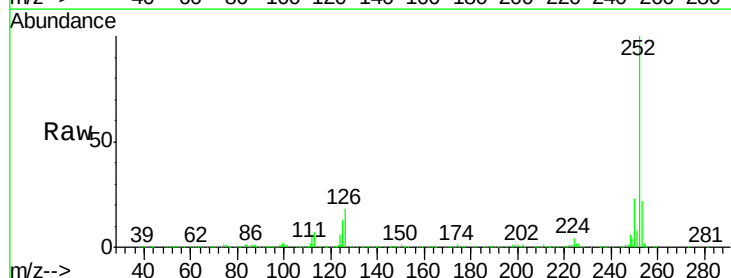
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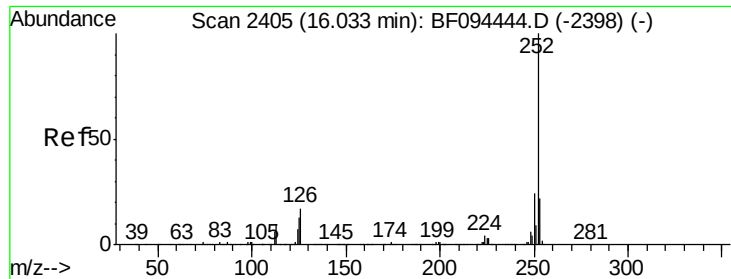
mohammad
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#88
Benzo(k)fluoranthene
Concen: 49.97 ng
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.0	13.1	19.7#





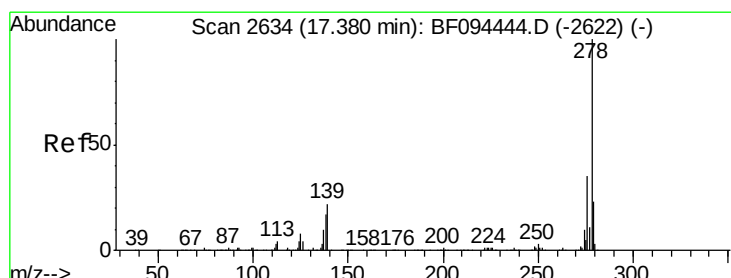
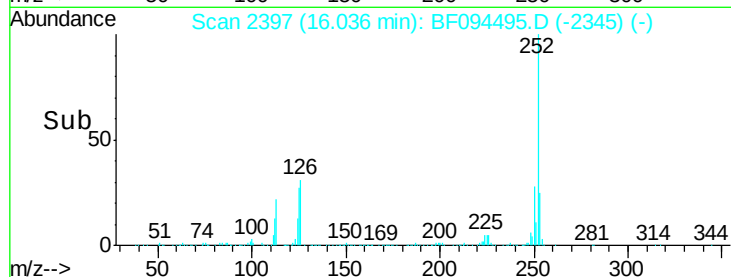
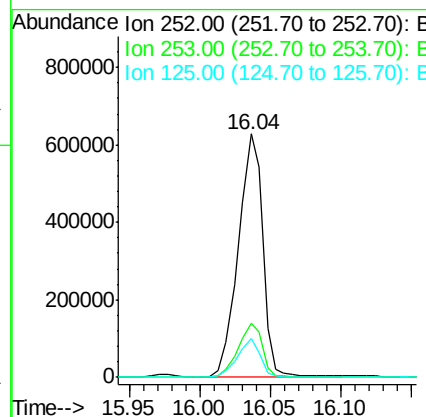
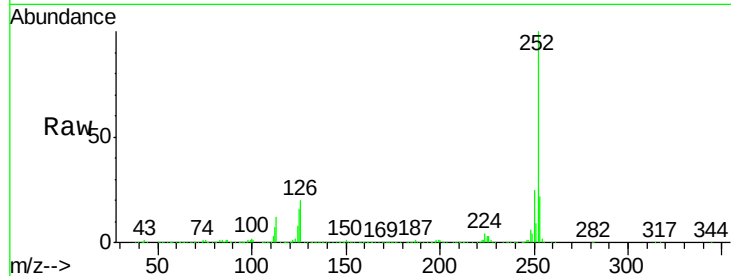
#89
Benzo(a)pyrene
Concen: 52.29 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WDS-02MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.7	11.0	16.4

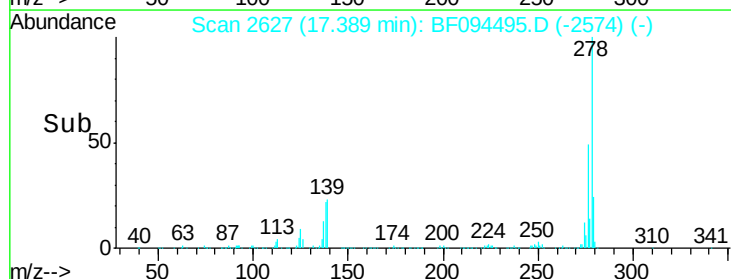
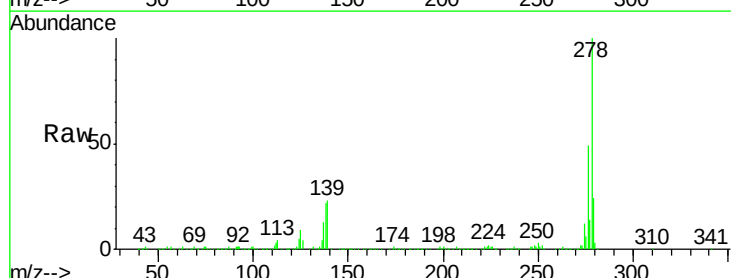
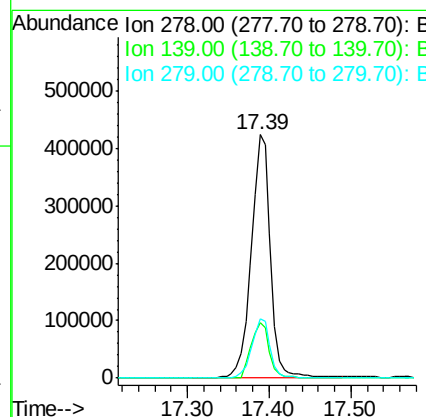
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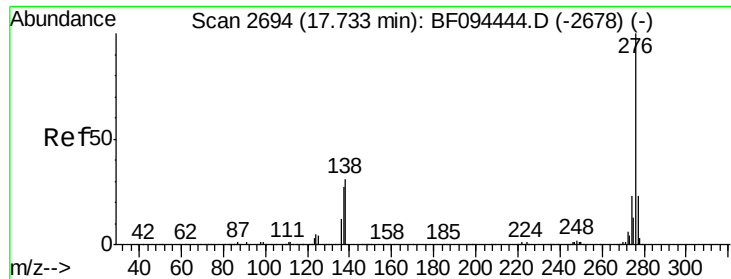
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 57.58 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF094495.D
Acq: 18 Apr 2017 19:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.6	24.8
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 59.18 ng
 RT: 17.75 min Scan# 2688
 Delta R.T. 0.01 min
 Lab File: BF094495.D
 Acq: 18 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02MSD

Tot Ion:	276	Resp:	726454
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.6	28.0
138	31.9	25.4	38.0

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