

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095064.D
 Acq On : 10 May 2017 19:34
 Operator : SJ/MA
 Sample : I3037-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Manual Integrations
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mohammad
 5/11/2017 2:25:30 PM

Quant Time: May 11 07:41:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	84673	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	354478	20.00	ng	-0.02
38) Acenaphthene-d10	12.55	164	165261	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	295208	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	224709	20.00	ng	-0.02
86) Perylene-d12	20.30	264	189883	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	807783	159.05	ng	-0.01
7) Phenol-d6	7.27	99	975994	160.17	ng	-0.01
23) Nitrobenzene-d5	8.61	82	604884	107.60	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	214079	158.17	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1117237	97.31	ng	-0.02
78) Terphenyl-d14	17.29	244	1032707	101.22	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.10	88	104821	42.08 ng	96
3) Pyridine	2.78	79	269288	46.65 ng	99
4) n-Nitrosodimethylamine	2.70	42	121055	50.31 ng	92
6) Aniline	7.21	93	231984	30.16 ng	96
8) 2-Chlorophenol	7.40	128	298409	51.62 ng	96
9) Benzaldehyde	7.04	77	31679	8.51 ng	99
10) Phenol	7.28	94	328797	51.20 ng	90
11) bis(2-Chloroethyl)ether	7.35	93	259483	48.95 ng	95
12) 1,3-Dichlorobenzene	7.61	146	320048	48.81 ng	98
13) 1,4-Dichlorobenzene	7.74	146	317604	47.76 ng	96
14) 1,2-Dichlorobenzene	7.97	146	308821	49.75 ng	95
15) Benzyl Alcohol	8.00	79	240688	61.41 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	361794	48.22 ng	95
17) 2-Methylphenol	8.22	107	250567	52.97 ng	94
18) Hexachloroethane	8.49	117	110135	48.89 ng	88
19) n-Nitroso-di-n-propylamine	8.42	70	212714	51.61 ng	94
20) 3+4-Methylphenols	8.48	107	332597	51.74 ng	# 59
22) Acetophenone	8.38	105	427674	50.29 ng	# 84
24) Nitrobenzene	8.64	77	300430	50.99 ng	94
25) Isophorone	9.04	82	521836	51.99 ng	94
26) 2-Nitrophenol	9.15	139	167393	52.65 ng	99
27) 2,4-Dimethylphenol	9.29	122	266112	51.77 ng	97
28) bis(2-Chloroethoxy)methane	9.41	93	343377	49.45 ng	98
29) 2,4-Dichlorophenol	9.58	162	262378	54.06 ng	100
30) 1,2,4-Trichlorobenzene	9.65	180	250725	48.22 ng	99
31) Naphthalene	9.77	128	875676	49.15 ng	99
32) Benzoic acid	9.62	122	159963	47.46 ng	97
33) 4-Chloroaniline	9.93	127	57084	8.60 ng	92
34) Hexachlorobutadiene	9.98	225	127945	46.63 ng	97
35) Caprolactam	10.54	113	78415m	53.80 ng	
36) 4-Chloro-3-methylphenol	10.77	107	269179	51.87 ng	90
37) 2-Methylnaphthalene	10.89	142	600209	51.33 ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	238381	46.90 ng	100
40) Hexachlorocyclopentadiene	11.14	237	144041	68.37 ng	100

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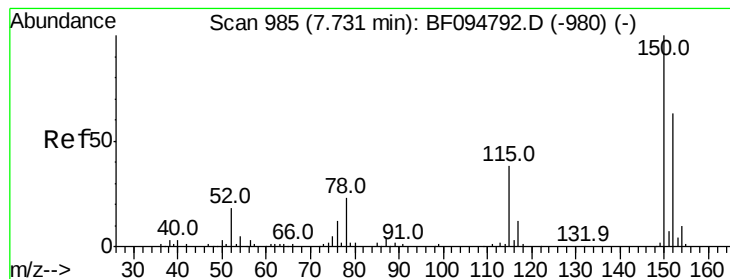
Manual Integrations
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Quant Time: May 11 07:41:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	173908	51.25	nq	98
43) 2,4,5-Trichlorophenol	11.49	196	158682	43.51	nq	95
45) 1,1'-Biphenyl	11.65	154	662493	47.61	nq	98
46) 2-Chloronaphthalene	11.67	162	526140	46.83	nq	96
47) 2-Nitroaniline	11.89	65	150090	48.81	nq	# 79
48) Acenaphthylene	12.33	152	859691	48.85	nq	99
49) Dimethylphthalate	12.21	163	753084	55.51	nq	99
50) 2,6-Dinitrotoluene	12.29	165	139703	50.47	nq	91
51) Acenaphthene	12.61	154	500750	47.64	nq	99
52) 3-Nitroaniline	12.58	138	56953	19.17	nq	92
53) 2,4-Dinitrophenol	12.77	184	72266	49.95	nq	# 67
54) Dibenzofuran	12.90	168	711874	48.94	nq	98
55) 4-Nitrophenol	12.97	139	184540m	103.43	nq	
56) 2,4-Dinitrotoluene	12.96	165	179783	50.55	nq	# 86
57) Fluorene	13.45	166	618033	48.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136997	59.69	nq	91
59) Diethylphthalate	13.35	149	607769	46.74	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	264742	47.63	nq	92
61) 4-Nitroaniline	13.57	138	127003	46.57	nq	96
62) Azobenzene	13.74	77	543881	52.05	nq	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	69510	35.12	nq	# 66
65) n-Nitrosodiphenylamine	13.69	169	523004	48.81	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	139004	44.57	nq	99
67) Hexachlorobenzene	14.35	284	143530	44.90	nq	# 87
68) Atrazine	14.61	200	151294	50.01	nq	97
69) Pentachlorophenol	14.71	266	132230	90.65	nq	98
70) Phenanthrene	15.00	178	831110	49.00	nq	99
71) Anthracene	15.08	178	882693	50.95	nq	98
72) Carbazole	15.37	167	823887	52.26	nq	98
73) Di-n-butylphthalate	15.93	149	1013278	51.54	nq	99
74) Fluoranthene	16.74	202	844233	48.52	nq	100
76) Benzidine	16.97	184	293160	48.21	nq	# 92
77) Pyrene	17.05	202	924341	55.00	nq	98
79) Butylbenzylphthalate	17.95	149	440680	56.38	nq	88
80) Benzo(a)anthracene	18.62	228	658330	50.34	nq	99
81) 3,3'-Dichlorobenzidine	18.60	252	151292	33.50	nq	# 97
82) Chrysene	18.67	228	636812	50.36	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	593690	53.31	nq	# 100
84) Di-n-octyl phthalate	19.46	149	927422	50.79	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	581523	56.63	nq	99
87) Benzo(b)fluoranthene	19.89	252	581147	49.53	nq	99
88) Benzo(k)fluoranthene	19.92	252	547387	48.36	nq	# 94
89) Benzo(a)pyrene	20.24	252	536926	49.59	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	478371	53.50	nq	99
91) Benzo(g,h,i)perylene	21.96	276	513735	58.55	nq	95

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



#1

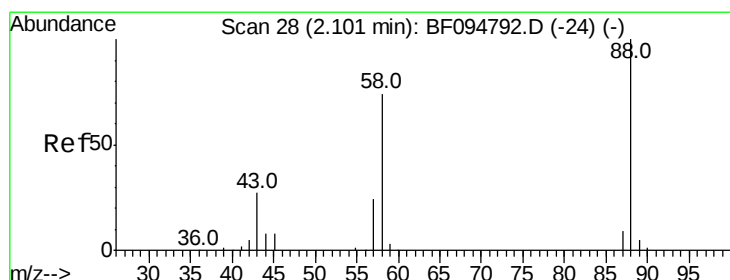
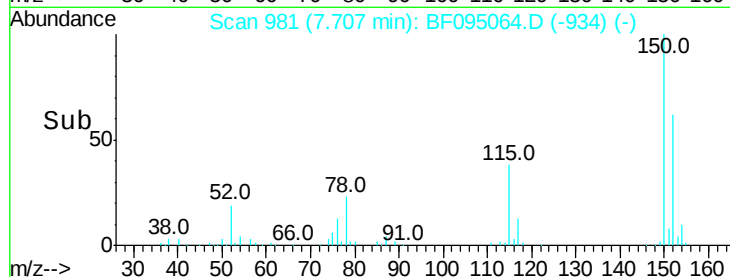
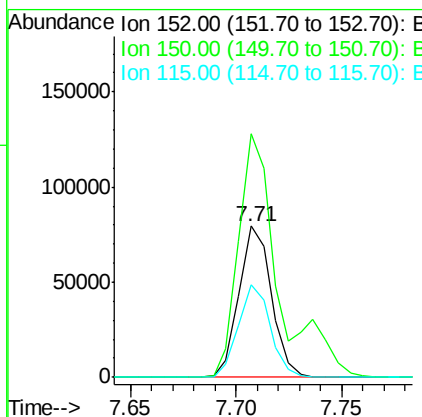
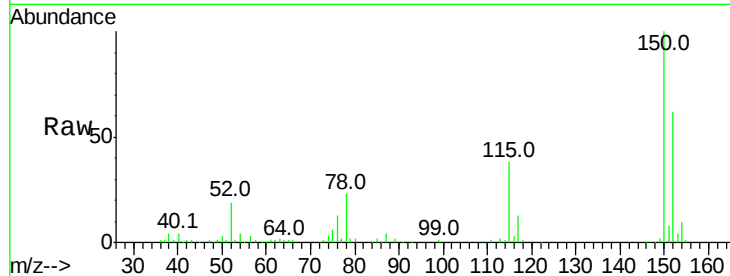
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	61.0	52.2	78.2

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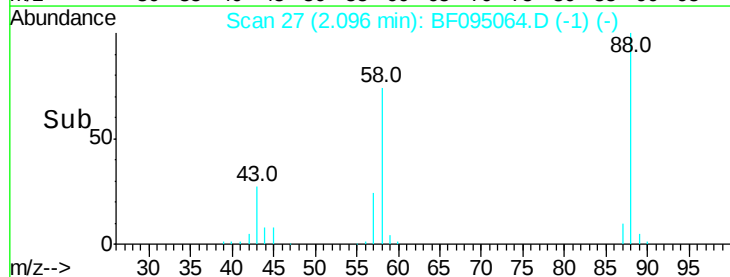
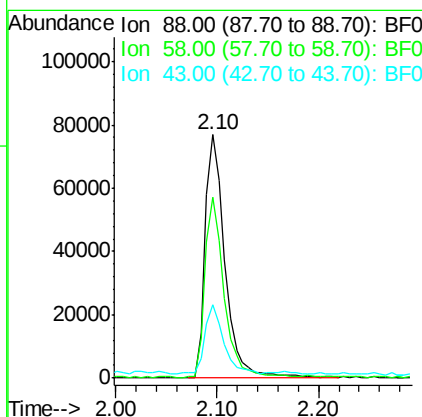
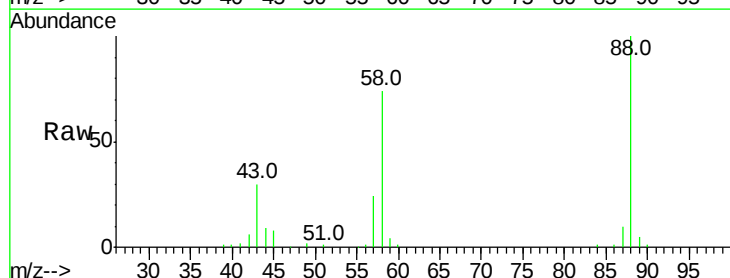
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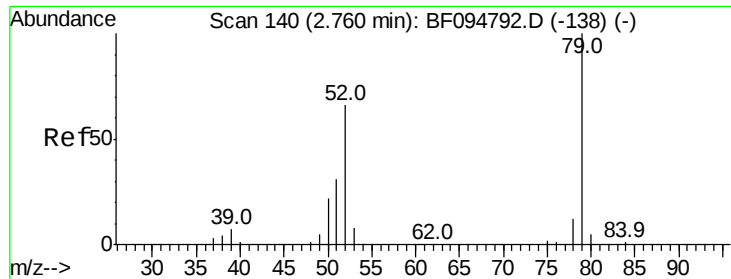


#2

1,4-Dioxane
Concen: 42.08 ng
RT: 2.10 min Scan# 27
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	61.4	92.0
43	26.7	23.4	35.0





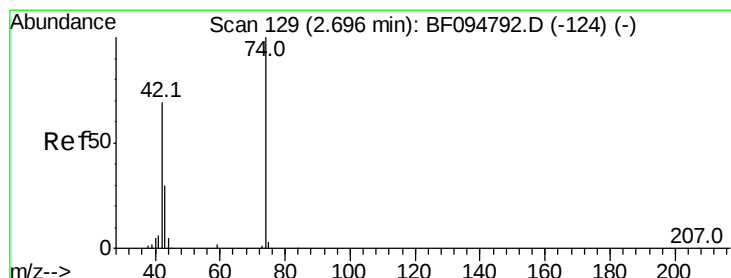
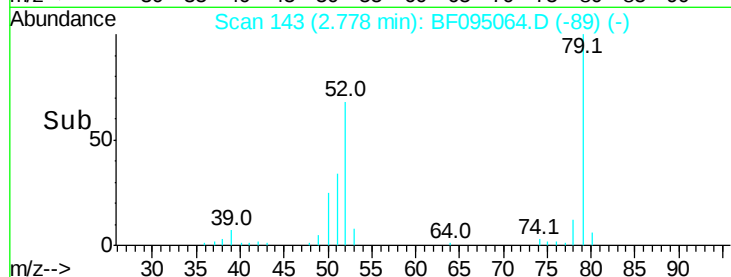
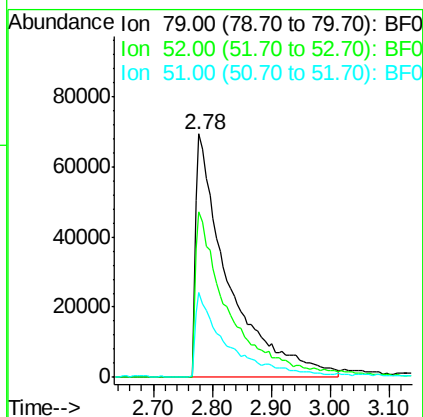
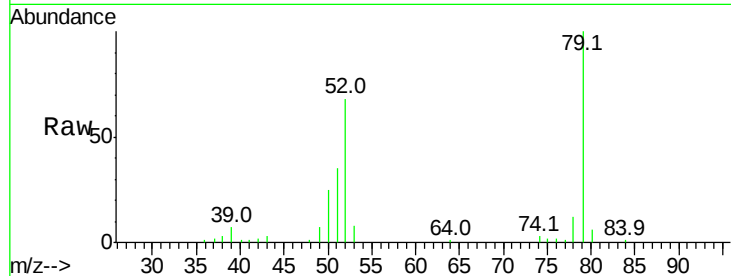
#3
 Pvridine
 Concen: 46.65 ng
 RT: 2.78 min Scan# 143
 Delta R.T. 0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.8	54.8	82.2
51	34.7	27.0	40.4

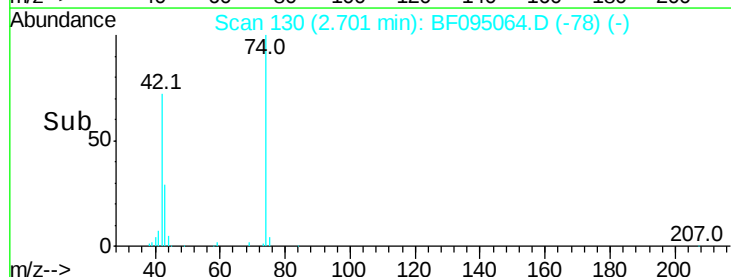
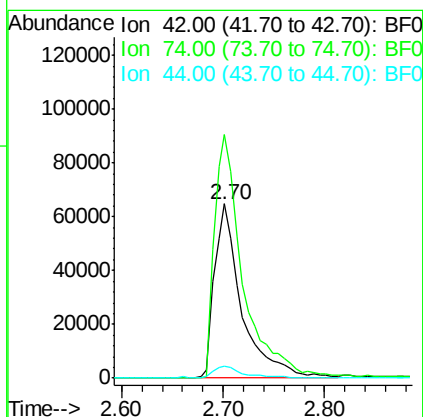
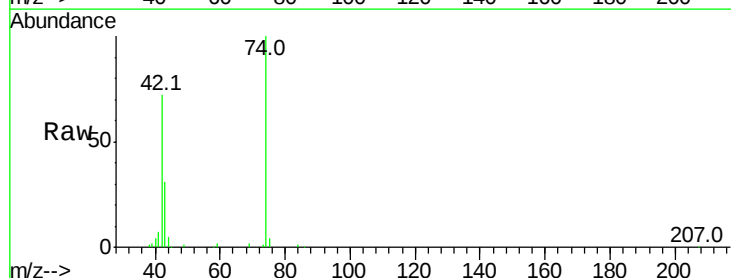
Manual Integrations
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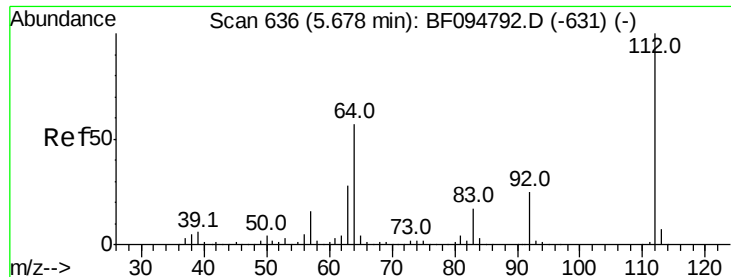
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#4
 n-Nitrosodimethylamine
 Concen: 50.31 ng
 RT: 2.70 min Scan# 130
 Delta R.T. 0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.8	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 159.05 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

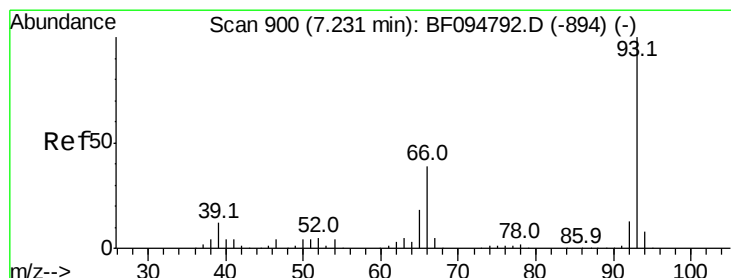
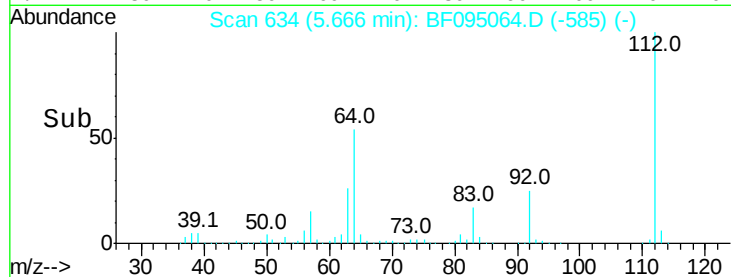
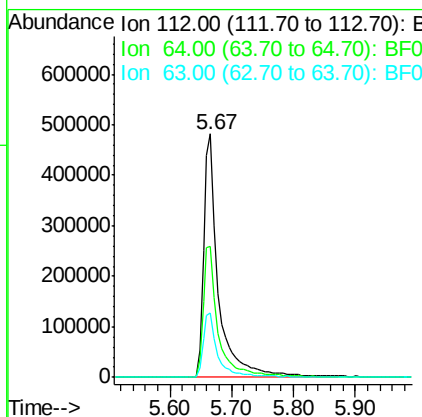
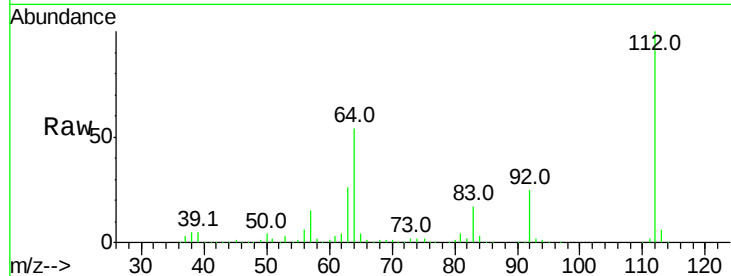
ClientSampleId :

HY-SB423BMSD

Tot Ion:	112	Resp:	807783
Ion Ratio	Lower	Upper	
112	100		
64	53.9	46.0	69.0
63	26.5	23.4	35.0

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#6

Aniline

Concen: 30.16 ng

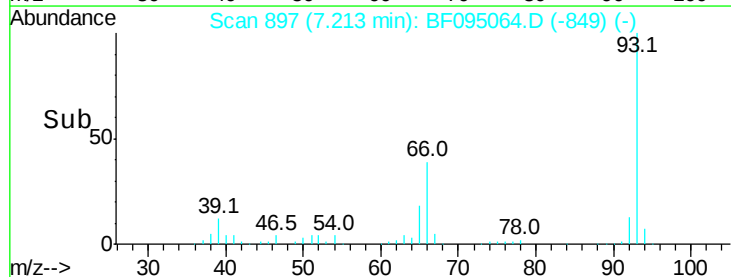
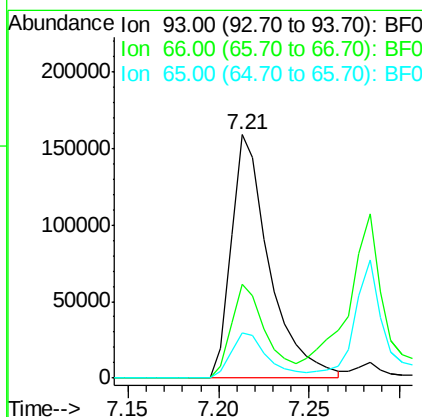
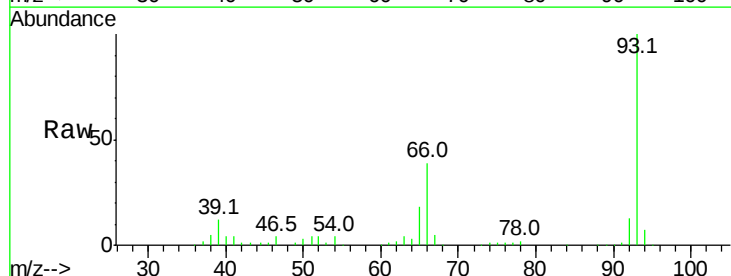
RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion:	93	Resp:	231984
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.9	49.3
65	18.4	16.0	24.0





#7

Phenol-d6

Concen: 160.17 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

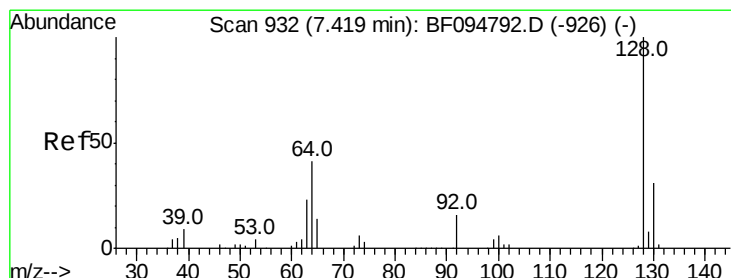
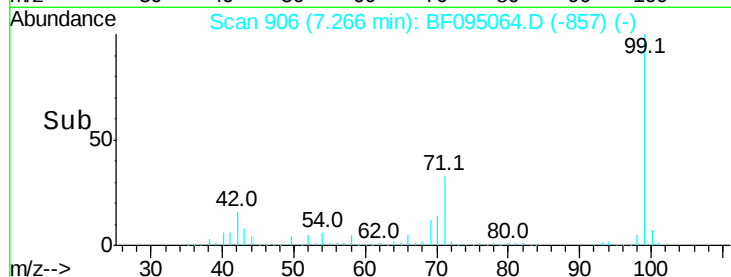
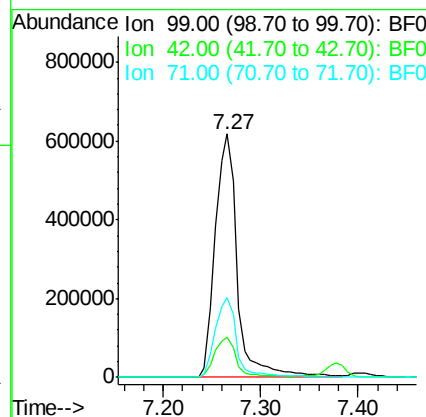
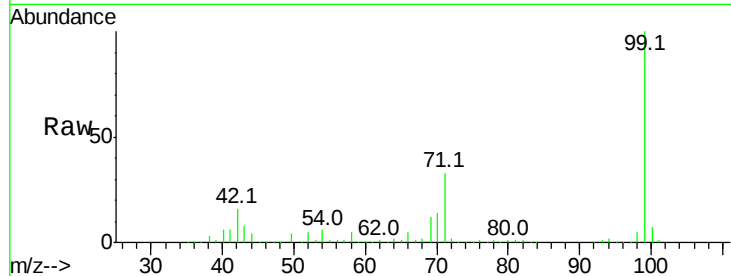
ClientSampleId :

HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	975994		
42	16.3		13.5	20.3
71	32.7		24.5	36.7

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#8

2-Chlorophenol

Concen: 51.62 ng

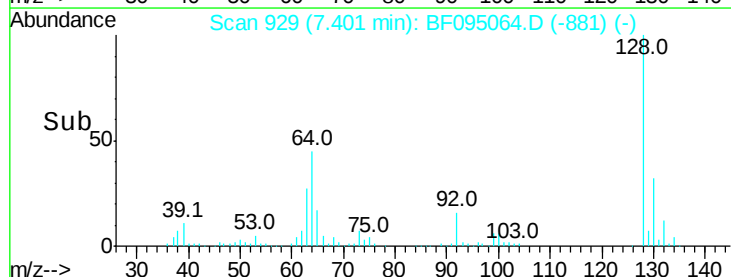
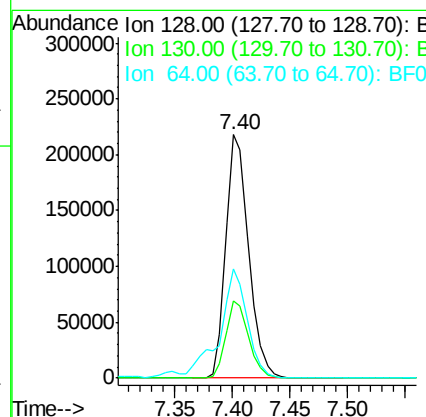
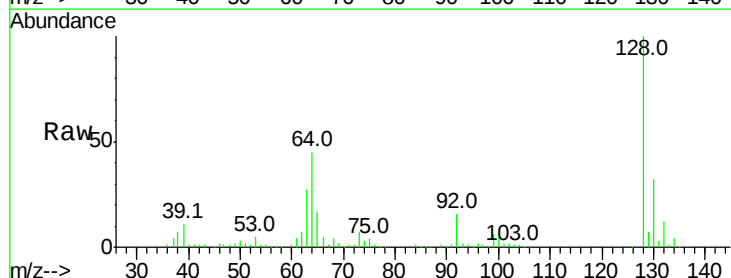
RT: 7.40 min Scan# 929

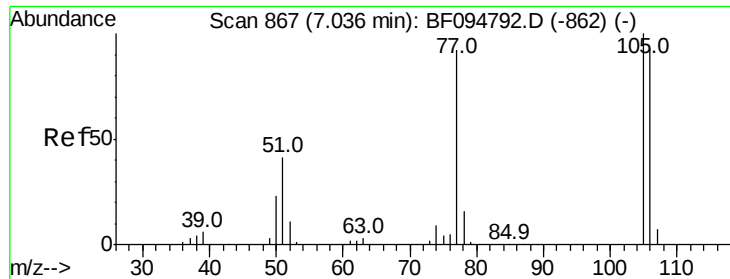
Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	298409		
130	31.9		12.9	52.9
64	45.1		28.4	68.4





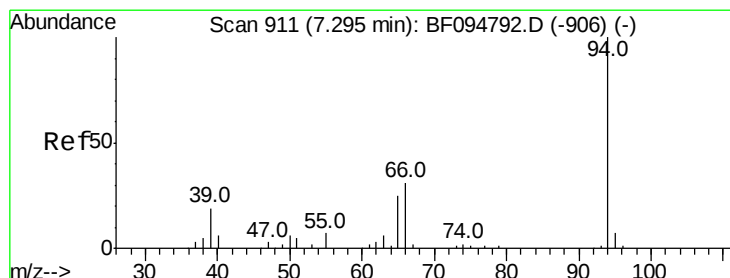
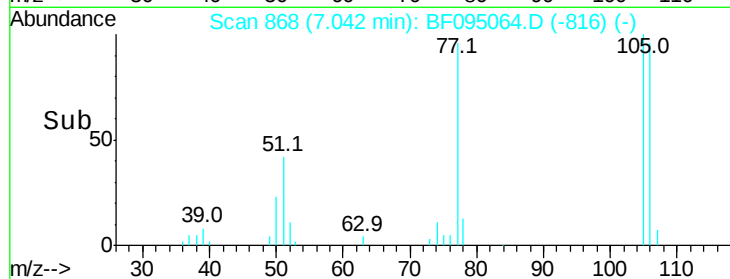
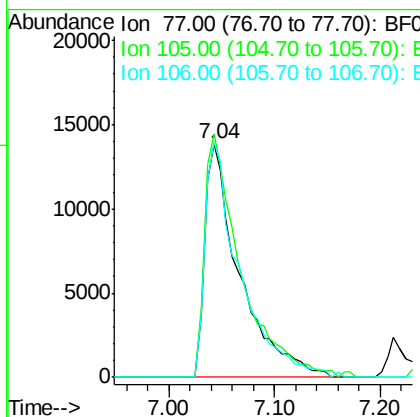
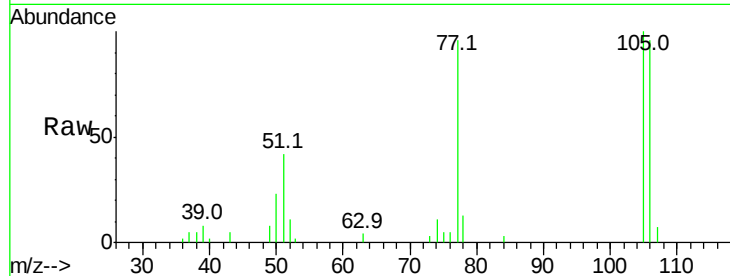
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Benzaldehyde
Concen: 8.51 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion: 77 Resp: 31679
Ion Ratio Lower Upper
77 100
105 104.1 83.8 123.8
106 100.4 79.1 119.1

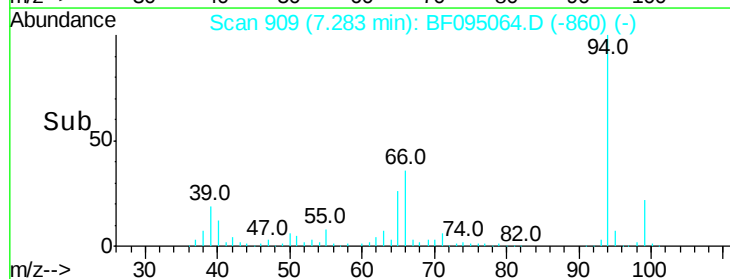
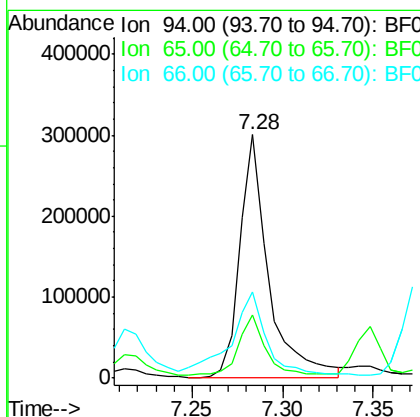
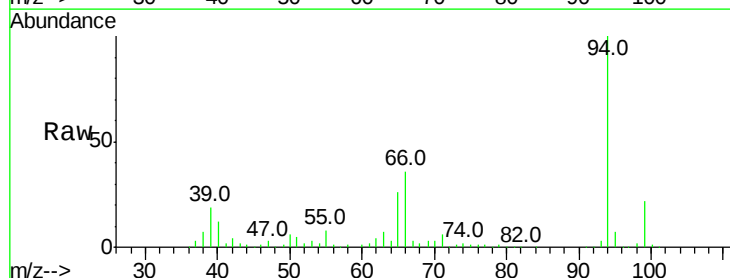
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#10
Phenol
Concen: 51.20 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion: 94 Resp: 328797
Ion Ratio Lower Upper
94 100
65 25.7 9.9 49.9
66 35.6 23.1 63.1





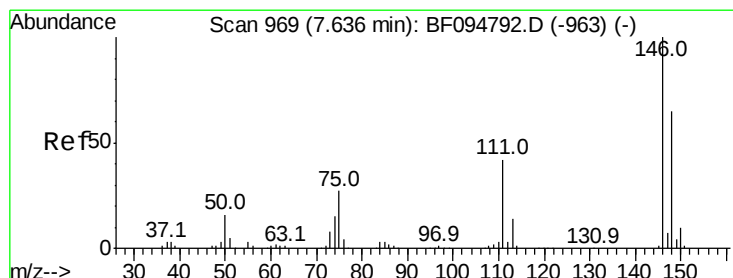
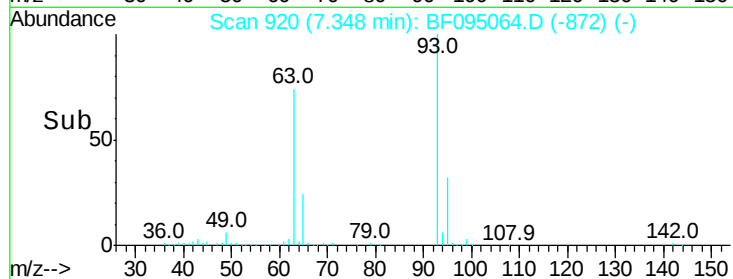
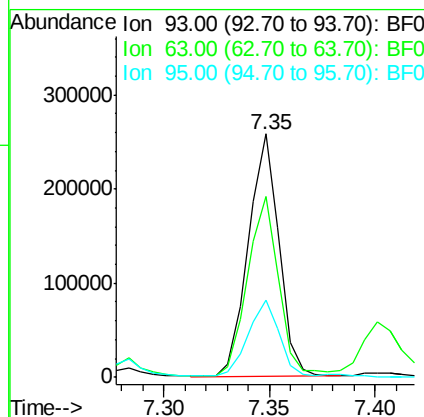
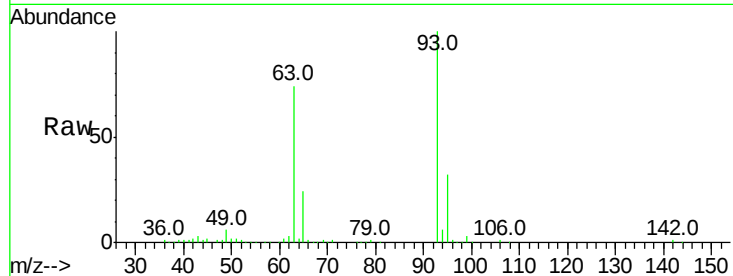
#11
bis(2-Chloroethyl)ether
Concen: 48.95 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	259483		
63	74.1	59.2	59.2	99.2
95	31.9	12.8	12.8	52.8

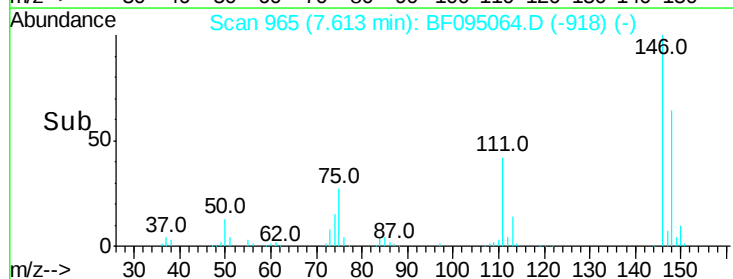
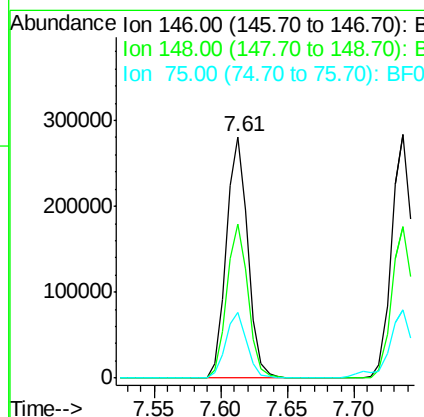
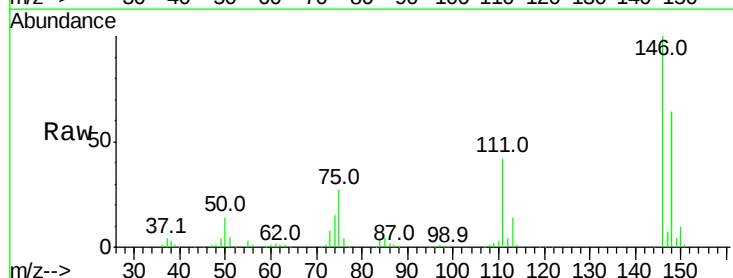
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 48.81 ng
RT: 7.61 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	320048		
148	63.8	51.8	51.8	77.6
75	27.1	23.1	23.1	34.7





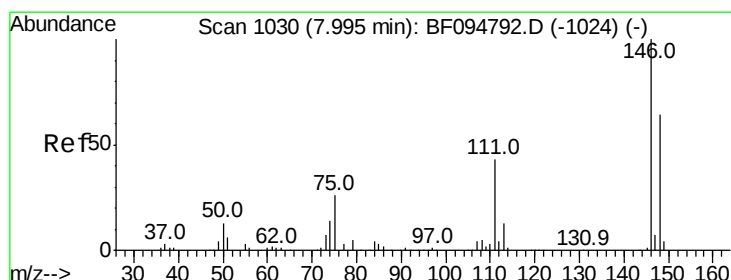
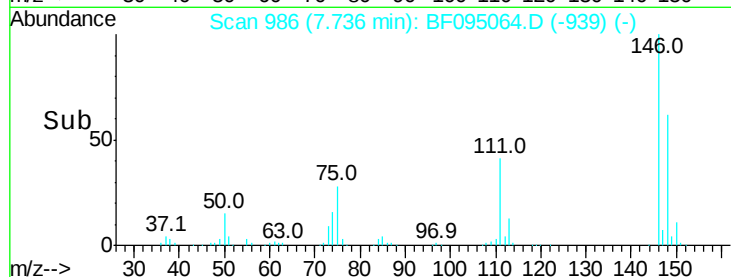
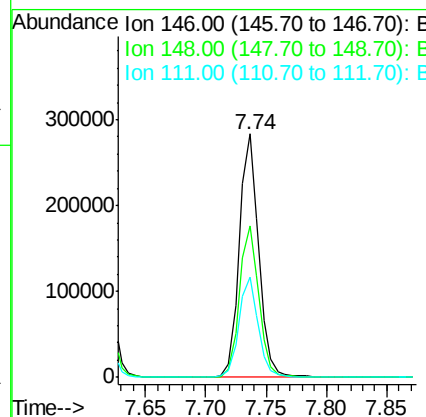
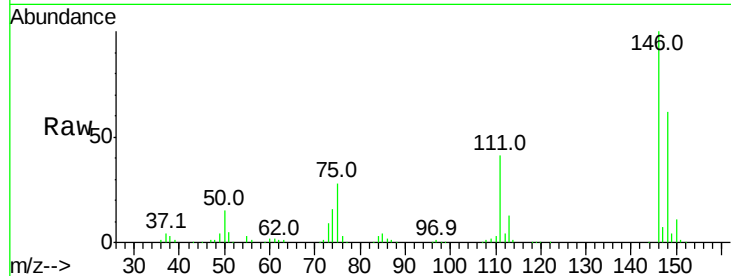
#13
 1,4-Dichlorobenzene
 Concen: 47.76 ng
 RT: 7.74 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.2
111	41.0	30.3	45.5

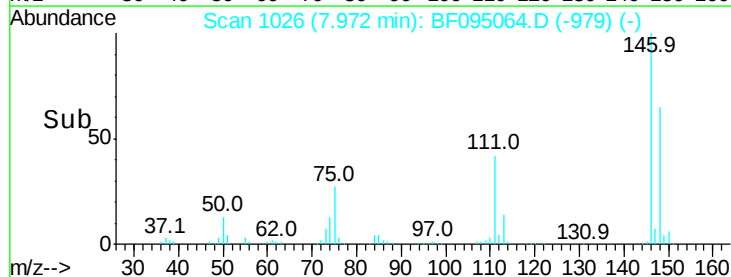
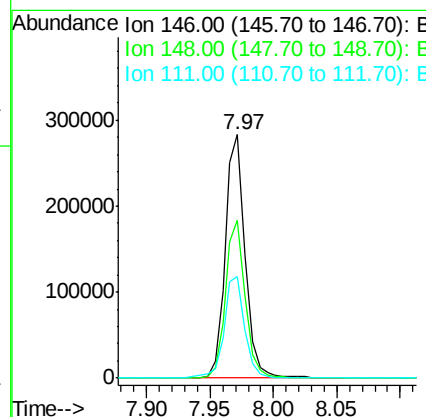
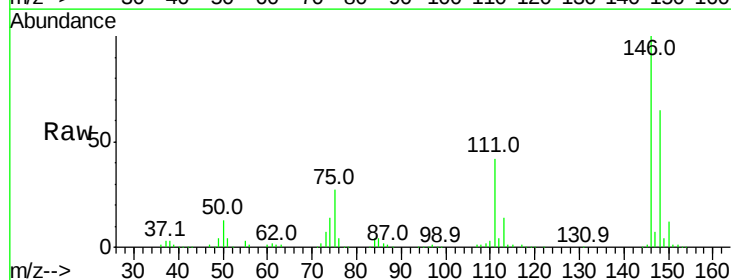
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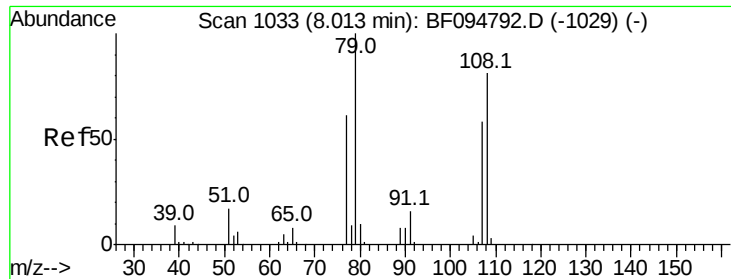
mohammad
 5/11/2017 2:25:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 49.75 ng
 RT: 7.97 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	41.7	38.2	57.4





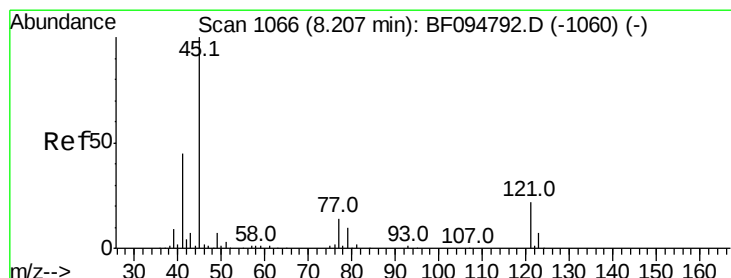
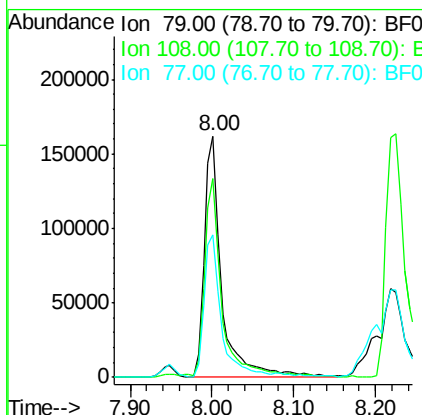
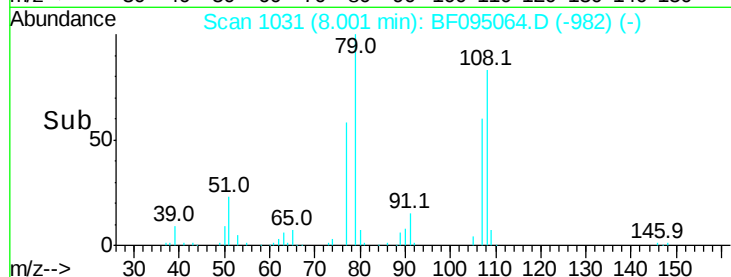
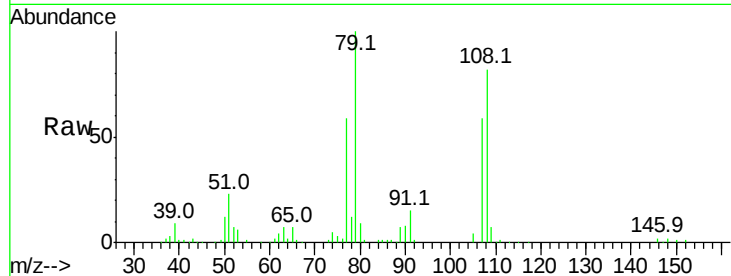
#15
Benzyl Alcohol
Concen: 61.41 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	63.4	95.0
77	59.2	49.2	73.8

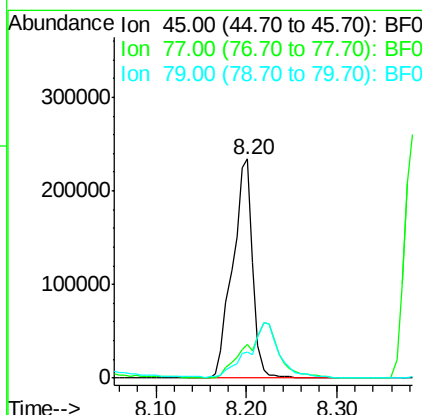
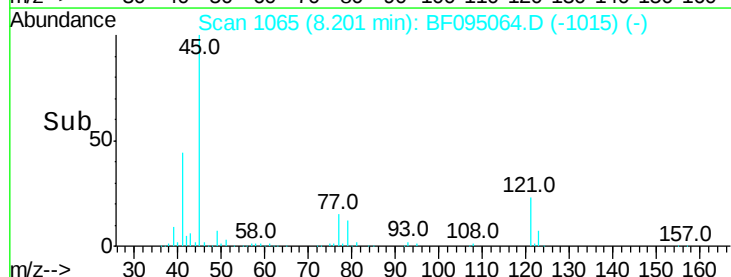
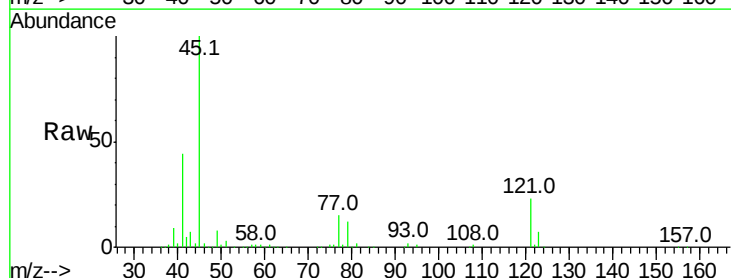
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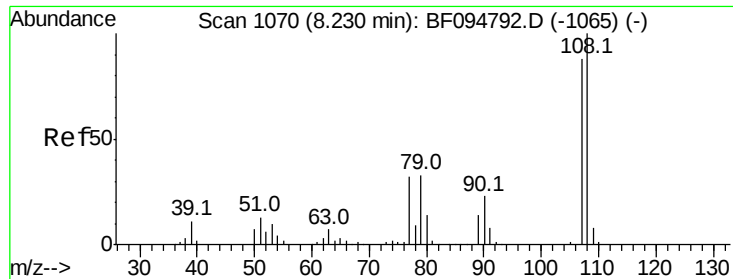
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 48.22 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	33.2
79	11.8	0.0	30.0





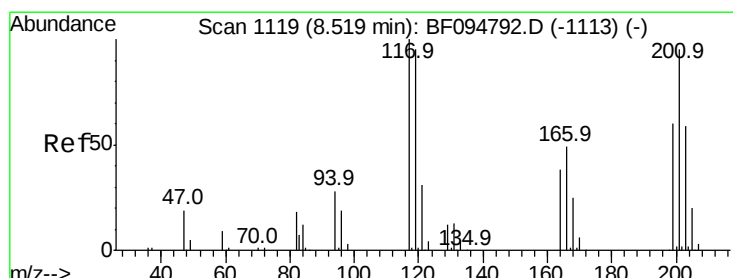
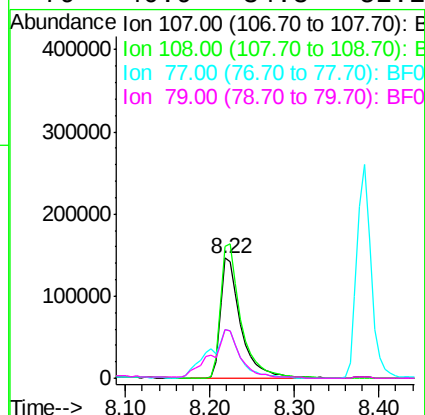
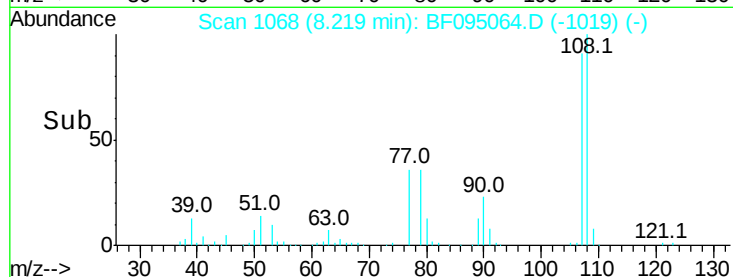
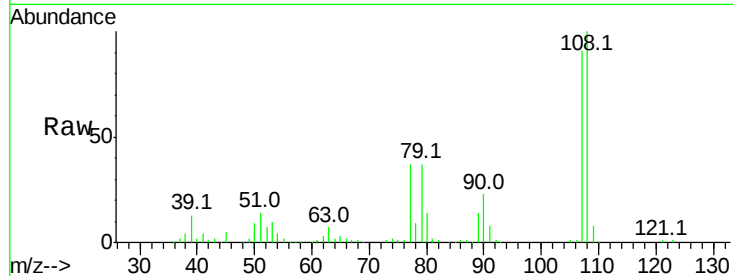
#17
2-Methylphenol
Concen: 52.97 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	93.4	140.0	
77	40.4	35.8	53.6	
79	40.9	34.8	52.2	

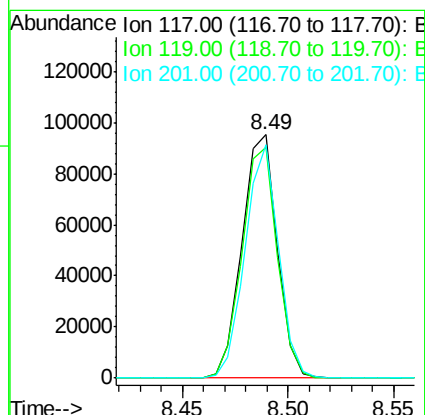
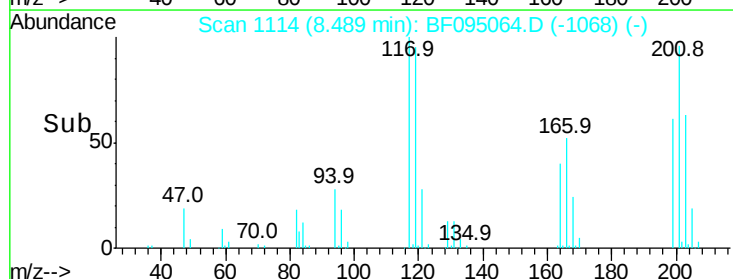
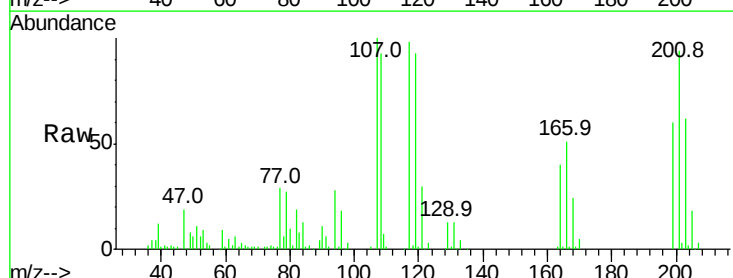
Manual Integrations
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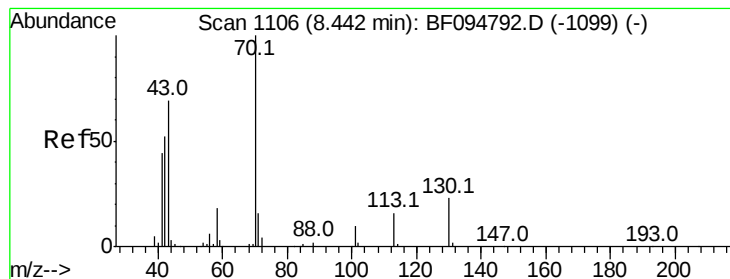
mohammad
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#18
Hexachloroethane
Concen: 48.89 ng
RT: 8.49 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.4	116.0	
201	95.6	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 51.61 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tot Ion: 70 Resp: 212714

Ion Ratio Lower Upper

70 100

42 53.8 47.2 70.8

101 9.9 7.2 10.8

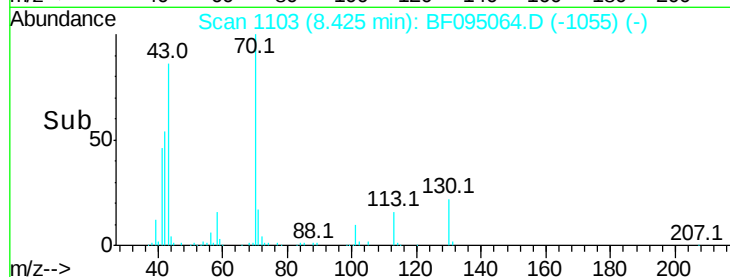
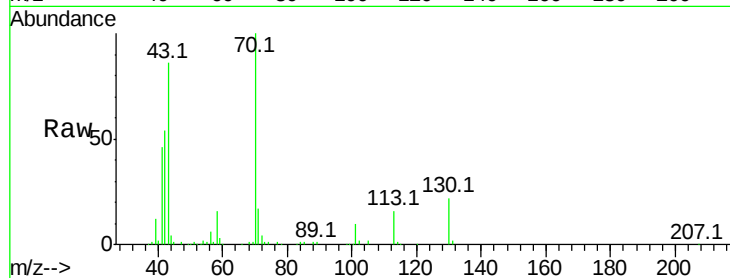
130 22.0 15.9 23.9

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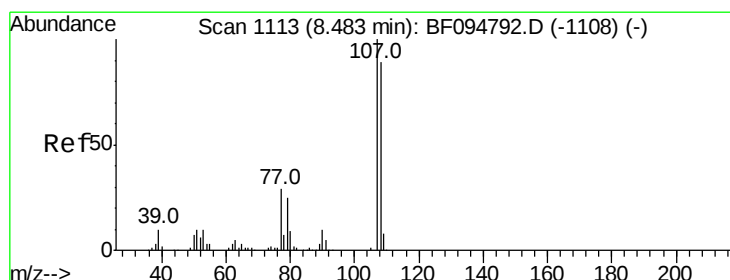
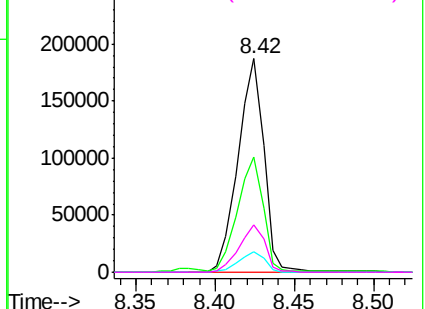


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 51.74 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion:107 Resp: 332597

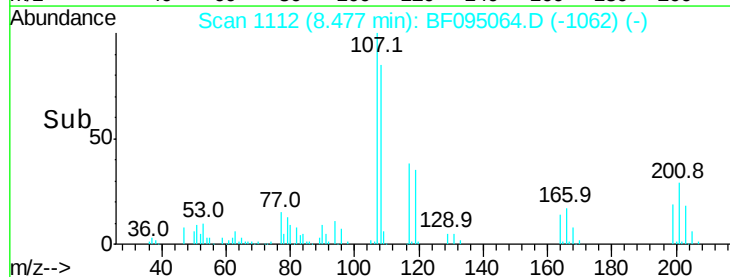
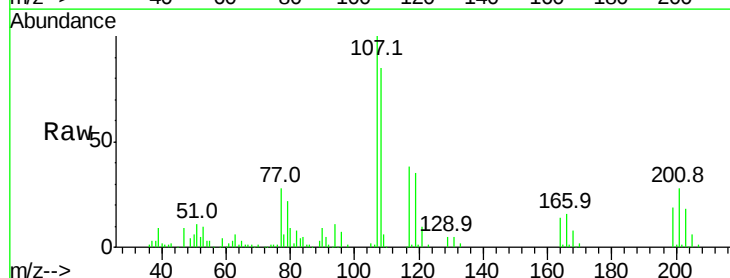
Ion Ratio Lower Upper

107 100

108 85.4 71.0 111.0

77 28.1 90.5 130.5#

79 22.3 8.4 48.4

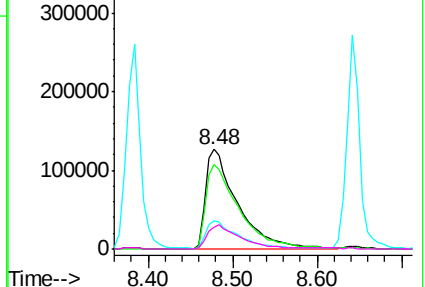


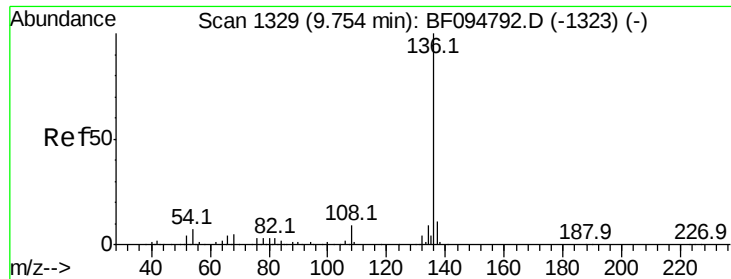
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





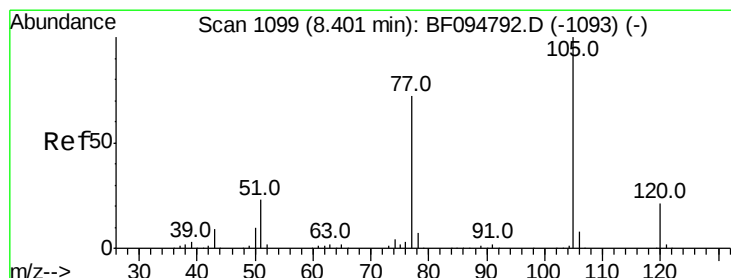
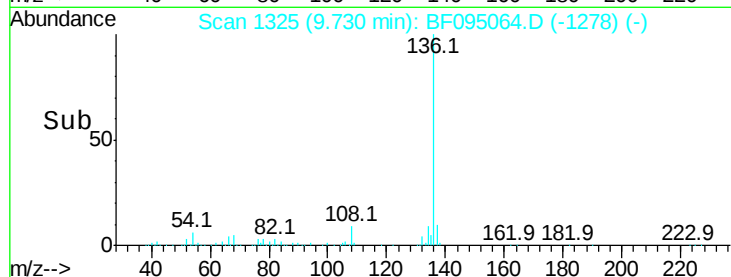
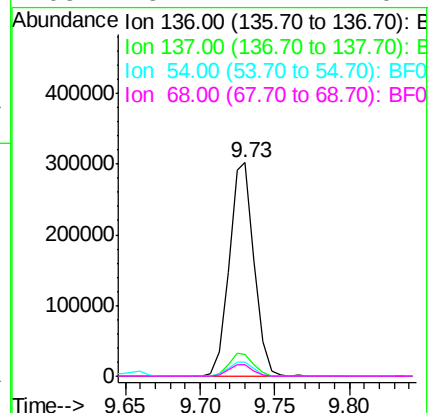
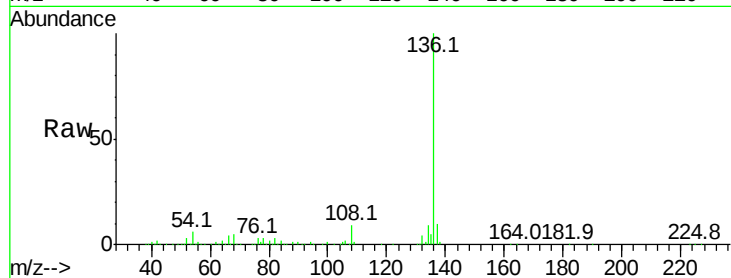
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.5	12.7	
54	6.5	4.9	7.3	
68	5.2	4.1	6.1	

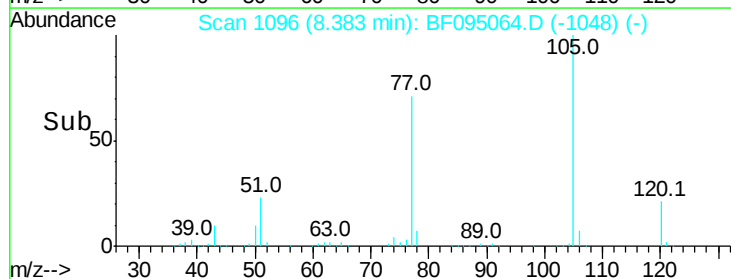
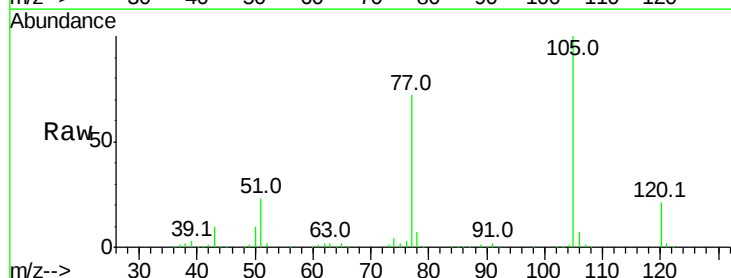
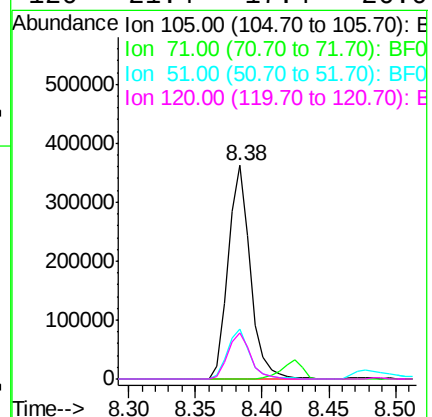
Manual Integrations
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#22
Acetophenone
Concen: 50.29 ng
RT: 8.38 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.2	30.7	46.1#	
120	21.4	17.4	26.0	





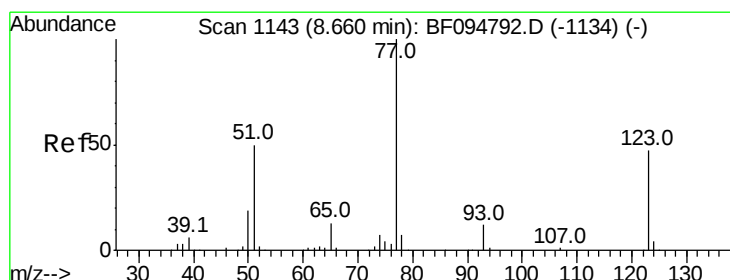
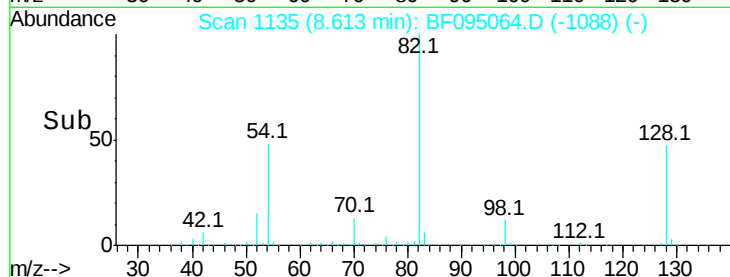
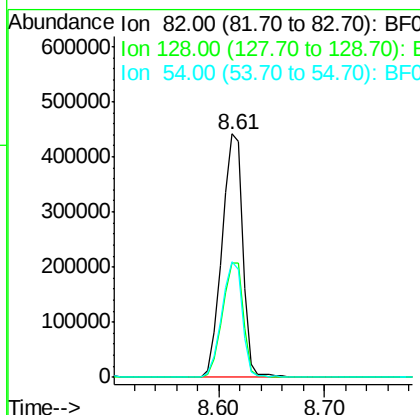
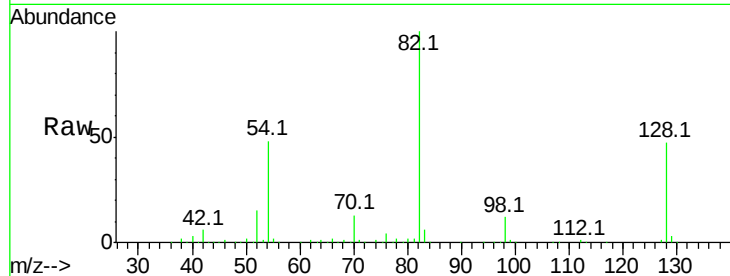
#23
Nitrobenzene-d5
Concen: 107.60 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	34.0	51.0	
54	47.7	42.2	63.2	

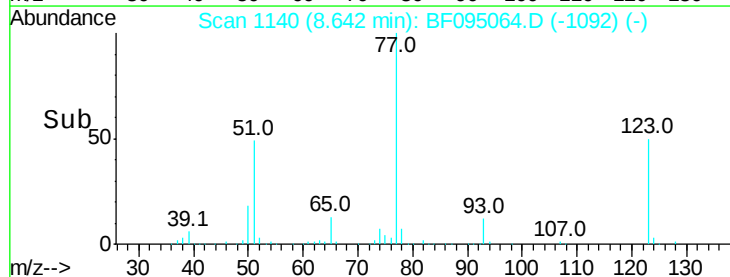
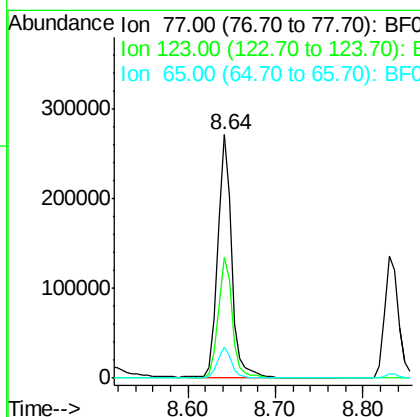
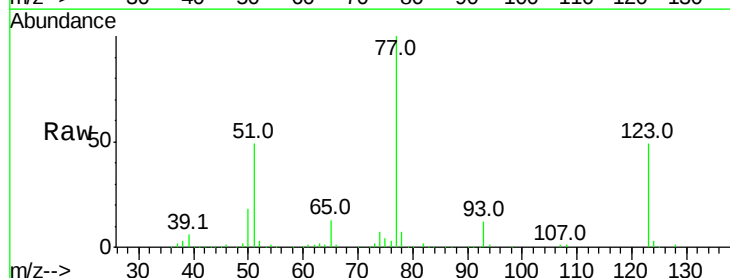
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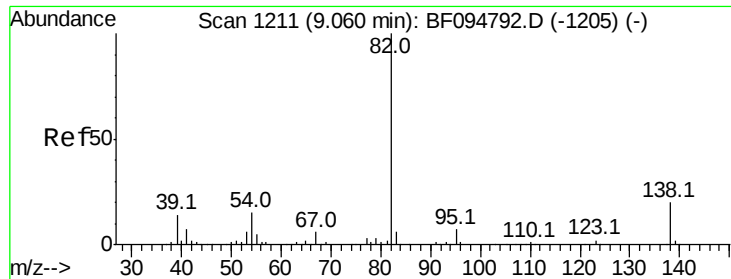
mohammad
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#24
Nitrobenzene
Concen: 50.99 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.4	35.8	53.8	
65	12.9	10.6	15.8	





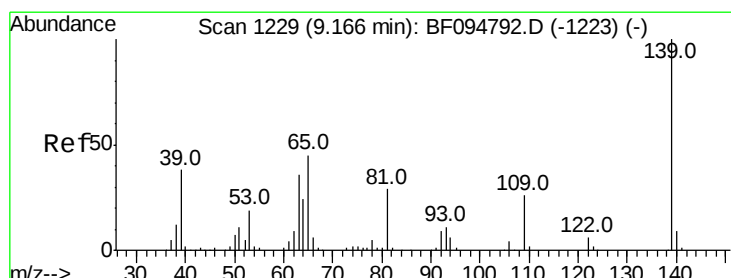
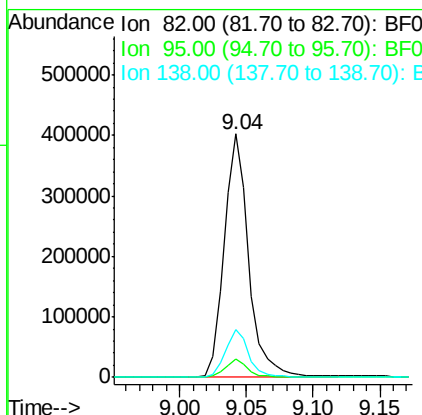
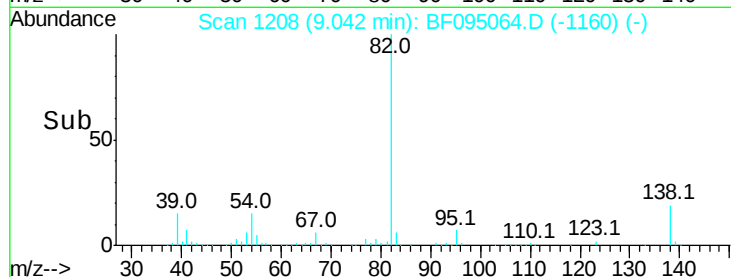
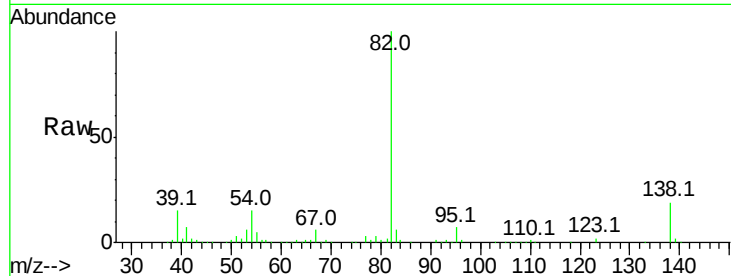
#25
Isophorone
Concen: 51.99 ng
RT: 9.04 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	521836		
95	7.4		5.3	7.9
138	19.5		13.1	19.7

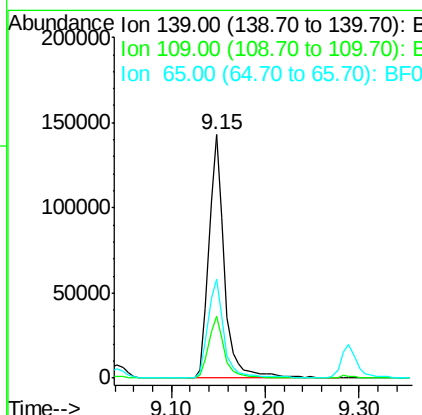
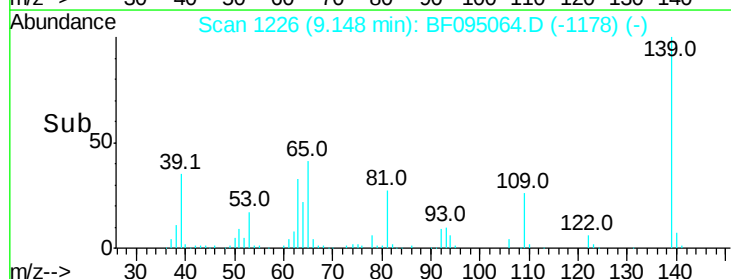
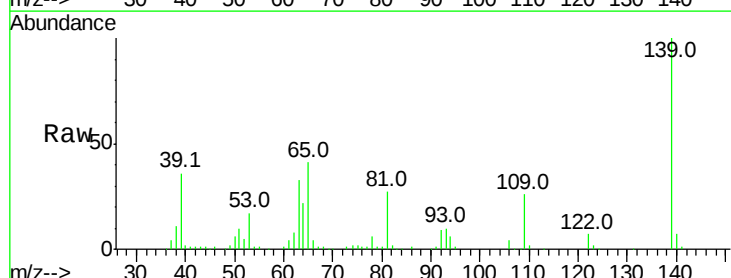
Manual Integrations
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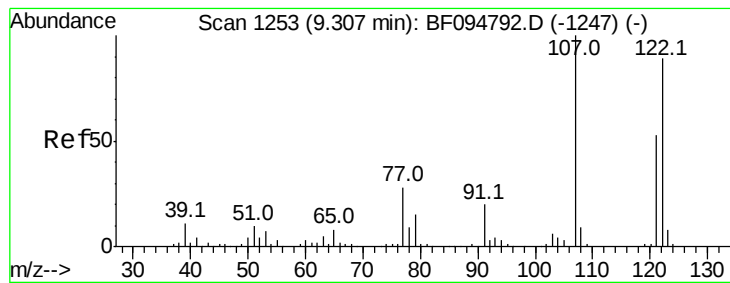
mohammad
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#26
2-Nitrophenol
Concen: 52.65 ng
RT: 9.15 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	167393		
109	25.6		21.0	31.6
65	40.8		33.0	49.6





#27

2,4-Dimethylphenol

Concen: 51.77 ng

RT: 9.29 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

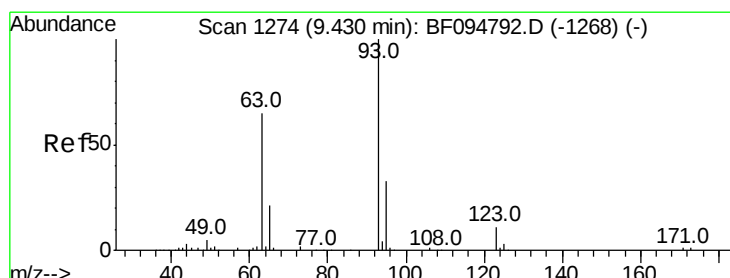
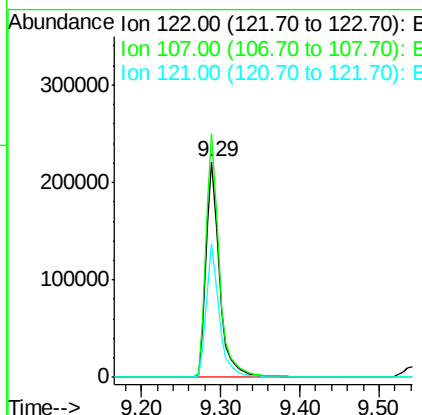
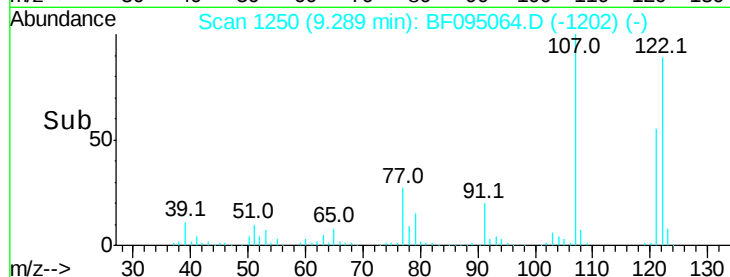
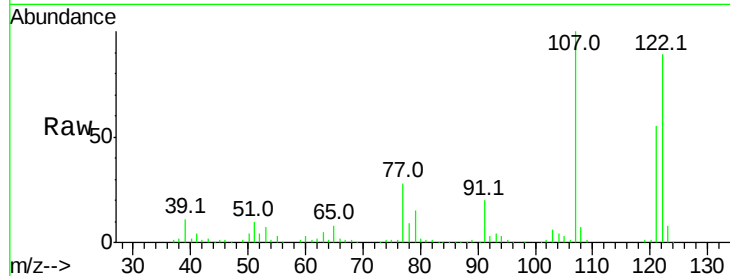
ClientSampleId :

HY-SB423BMSD

Tot Ion:	122	Resp:	266112
Ion Ratio	Lower	Upper	
122	100		
107	112.9	89.2	133.8
121	61.8	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.45 ng

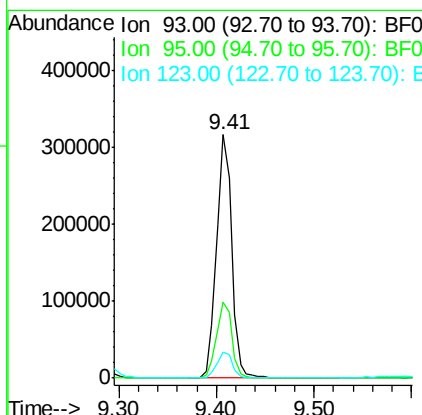
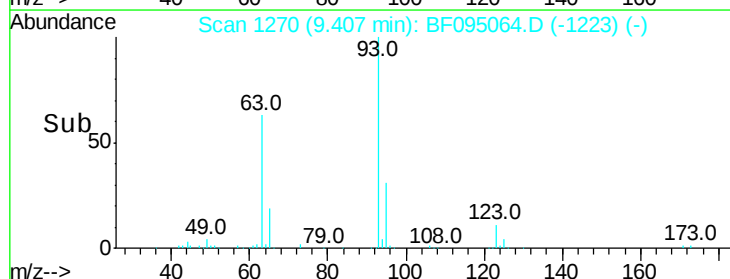
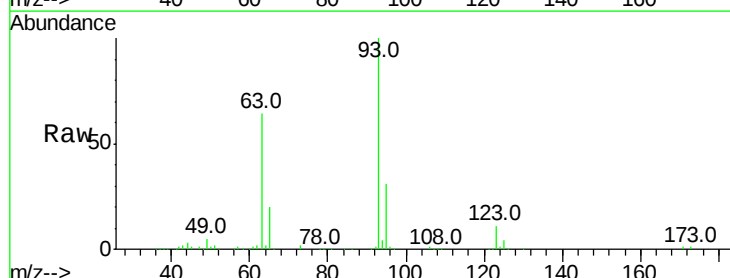
RT: 9.41 min Scan# 1270

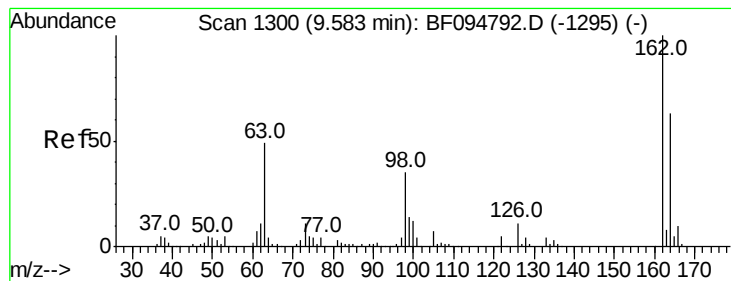
Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion:	93	Resp:	343377
Ion Ratio	Lower	Upper	
93	100		
95	31.4	26.5	39.7
123	10.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 54.06 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

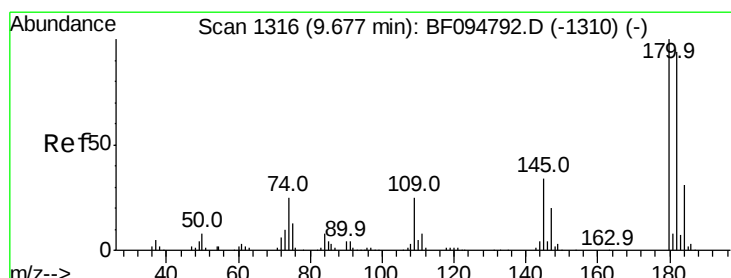
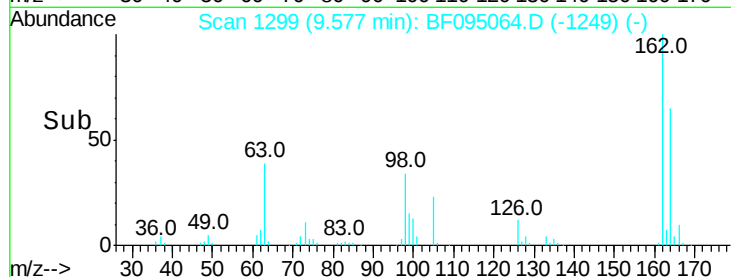
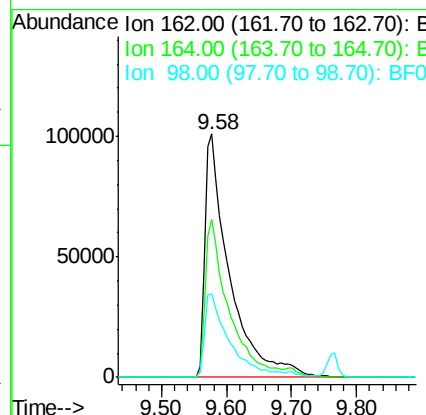
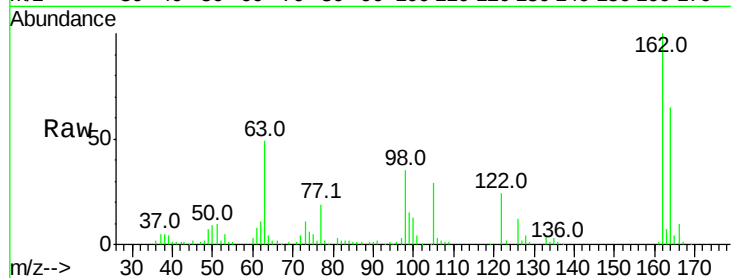
ClientSampleId :

HY-SB423BMSD

Tot Ion:	162	Resp:	262378
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	34.5	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 48.22 ng

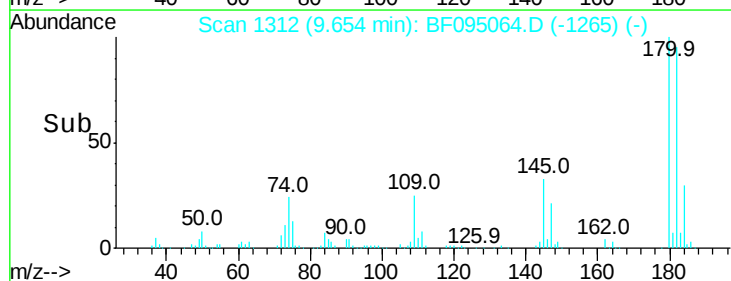
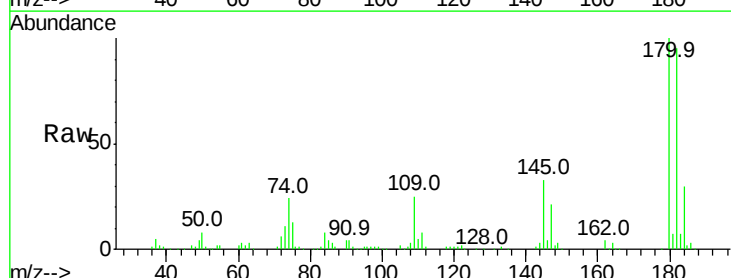
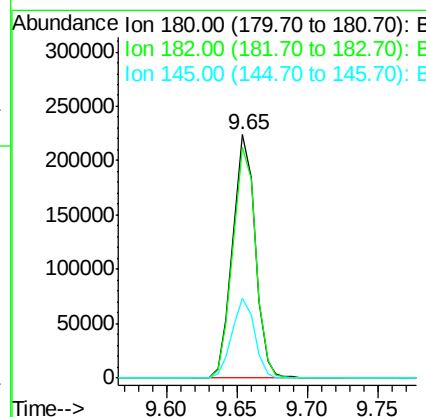
RT: 9.65 min Scan# 1312

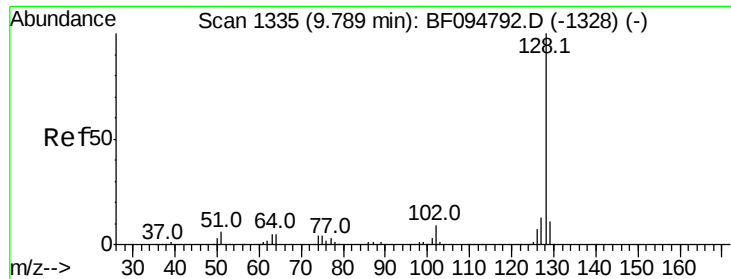
Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion:	180	Resp:	250725
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.8	113.6
145	32.6	25.3	37.9





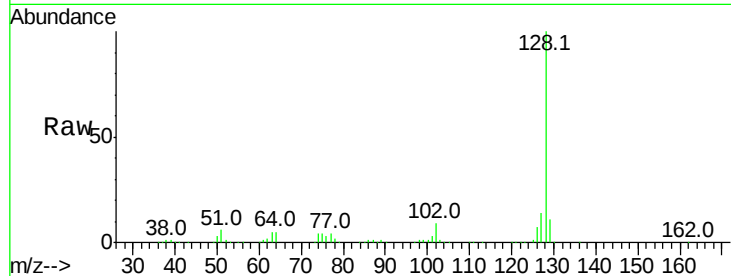
#31
Naphthalene
Concen: 49.15 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.7	10.8	16.2

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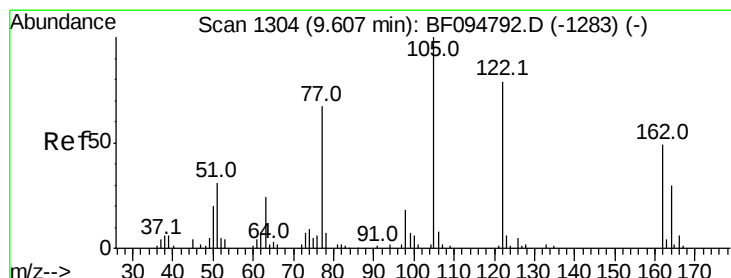
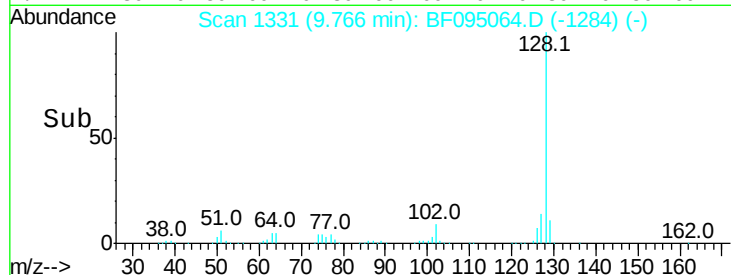
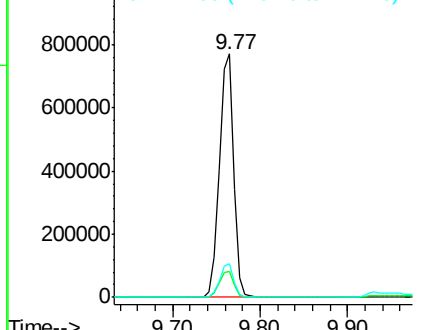


Abundance

Ion 128.00 (127.70 to 128.70): E

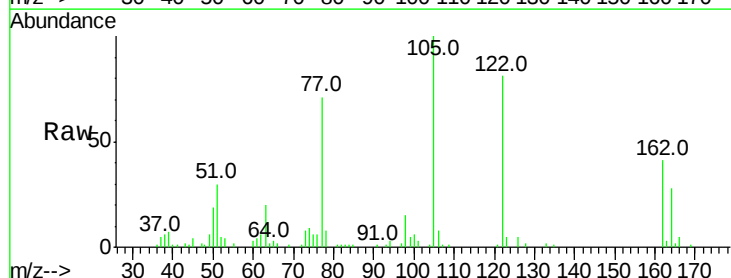
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.46 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	103.3	143.3
77	88.2	73.7	113.7

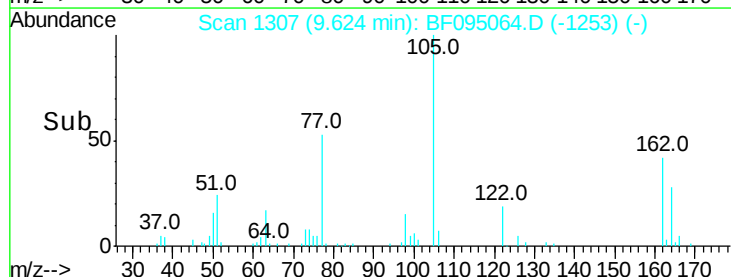
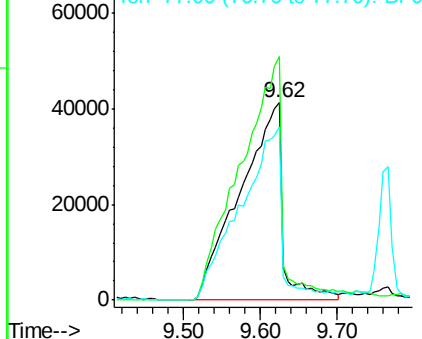


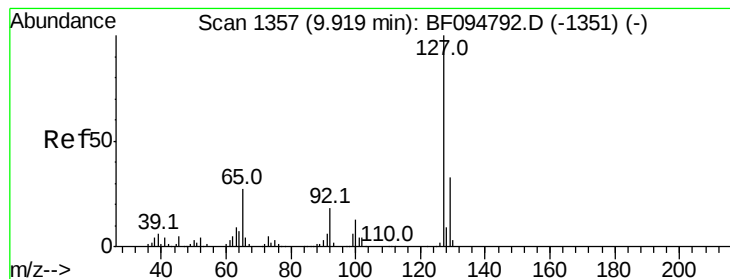
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.60 ng

RT: 9.93 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

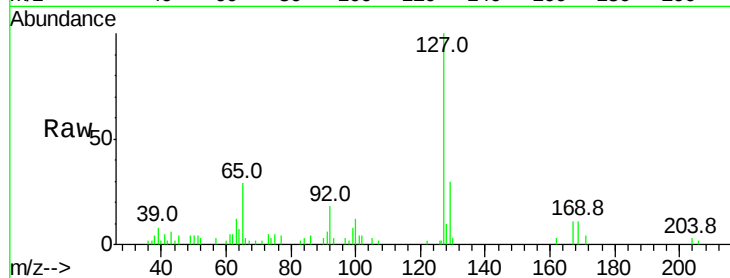
ClientSampleId :

HY-SB423BMSD

Tot Ion:	127	Resp:	57084
Ion Ratio	Lower	Upper	
127	100		
129	29.6	26.2	39.2
65	28.6	27.8	41.8
92	17.8	16.8	25.2

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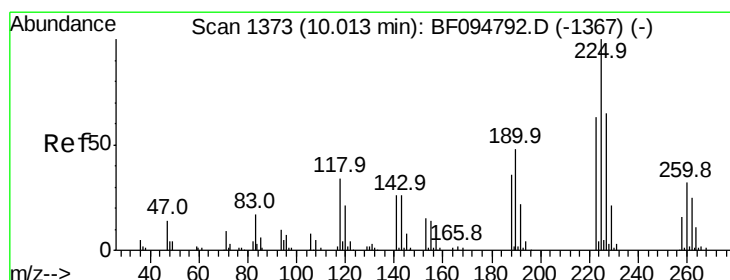
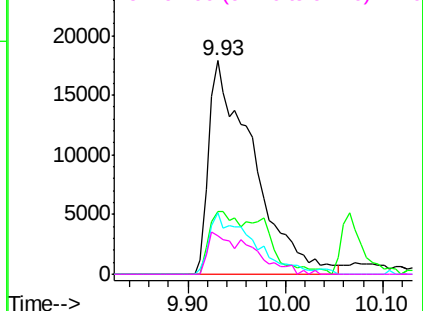
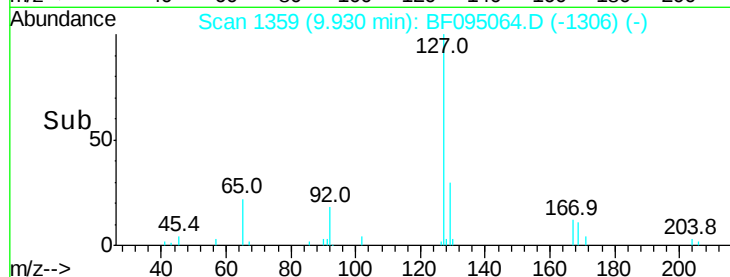


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.63 ng

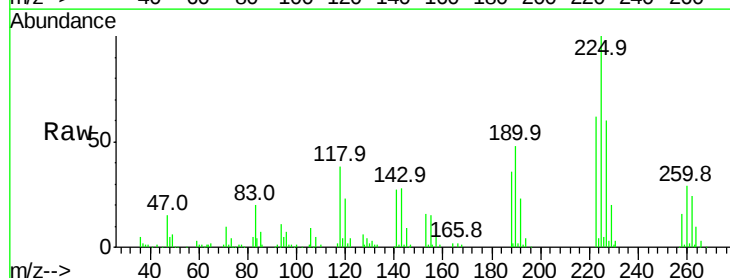
RT: 9.98 min Scan# 1367

Delta R.T. -0.04 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

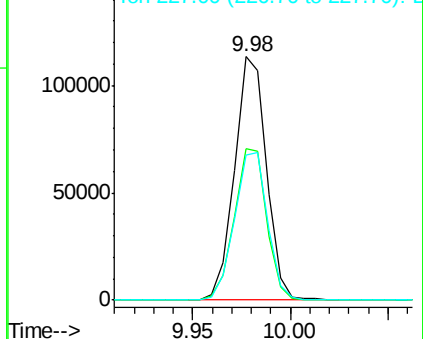
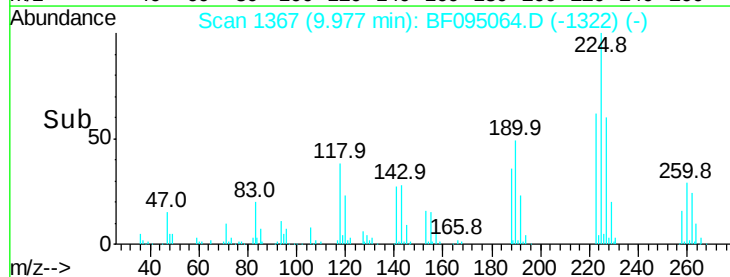
Tgt Ion:	225	Resp:	127945
Ion Ratio	Lower	Upper	
225	100		
223	62.0	48.8	73.2
227	59.6	51.1	76.7

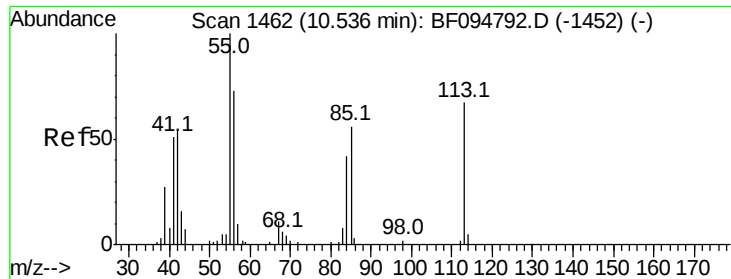


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 53.80 ng/mL

RT: 10.54 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tot Ion:113 Resp: 78415

Ion Ratio Lower Upper

113 100

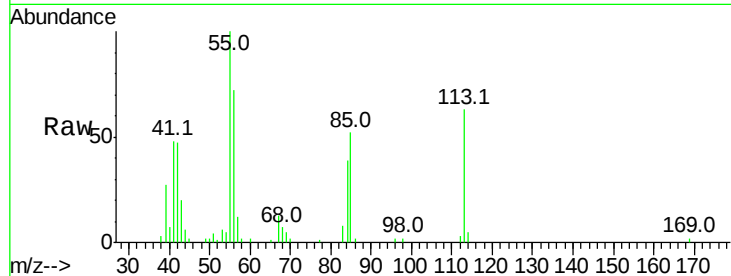
55 159.5 150.2 190.2

56 114.4 107.8 147.8

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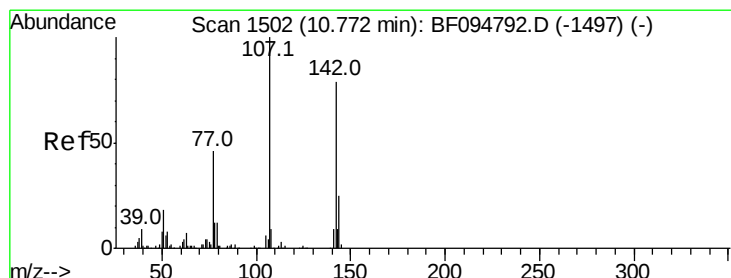
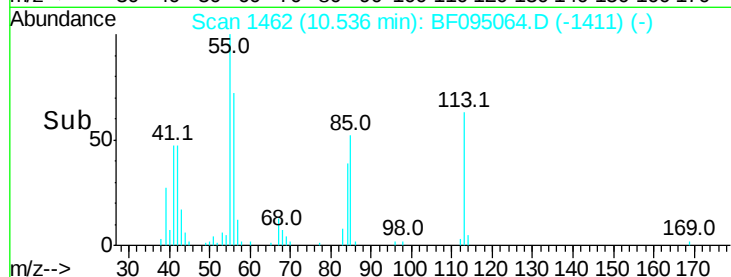
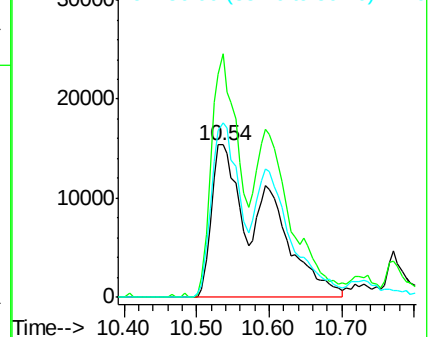
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.87 ng/mL

RT: 10.77 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

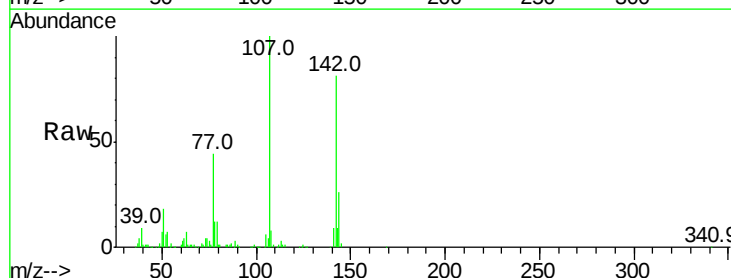
Tgt Ion:107 Resp: 269179

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

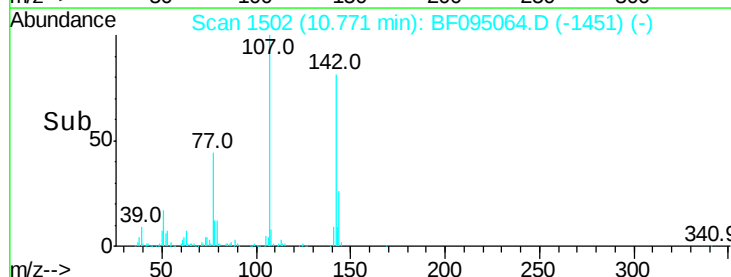
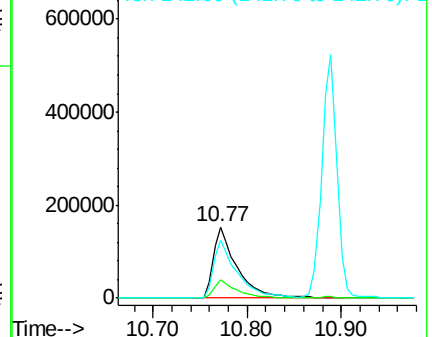
142 81.2 73.4 110.0

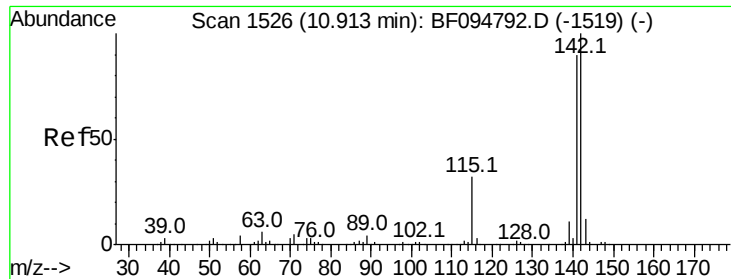


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





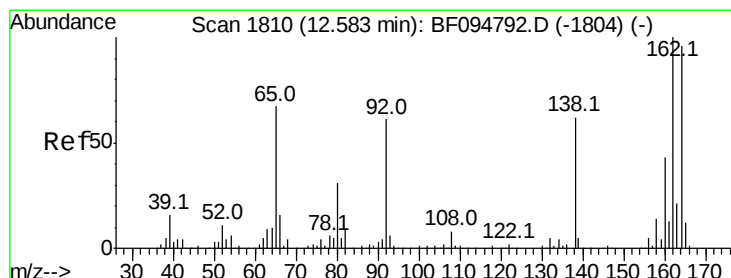
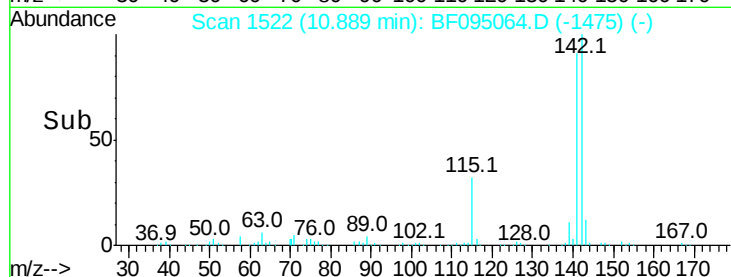
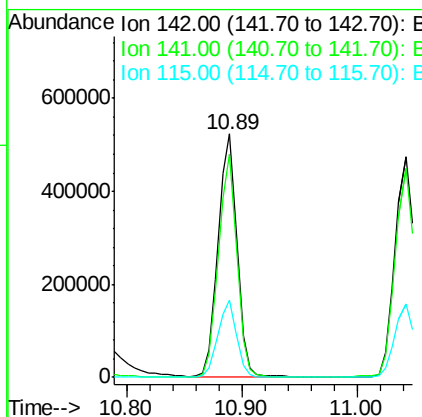
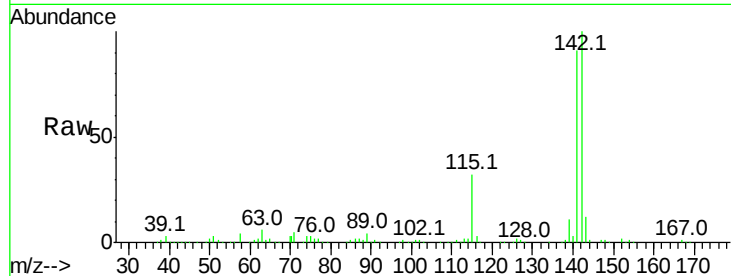
#37
2-Methylnaphthalene
Concen: 51.33 ng
RT: 10.89 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	600209		
141	91.5		71.3	106.9
115	31.7		27.1	40.7

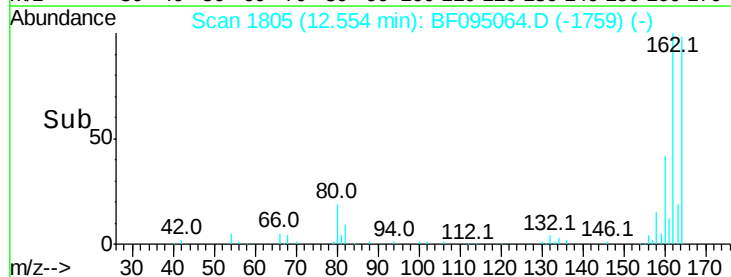
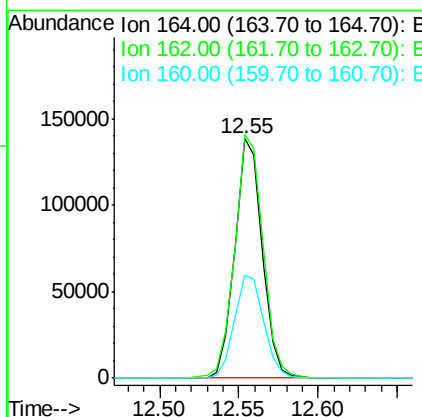
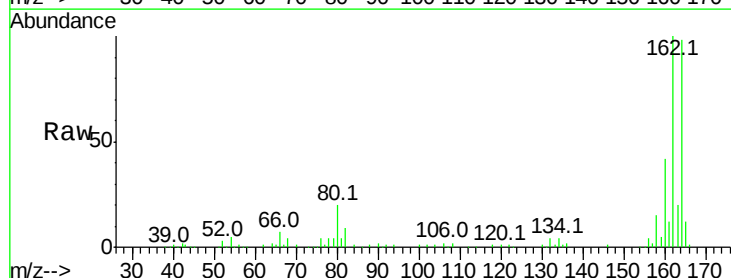
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165261		
162	101.6		82.6	123.8
160	42.7		36.2	54.2





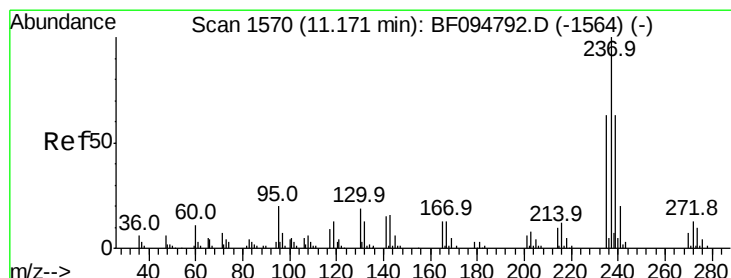
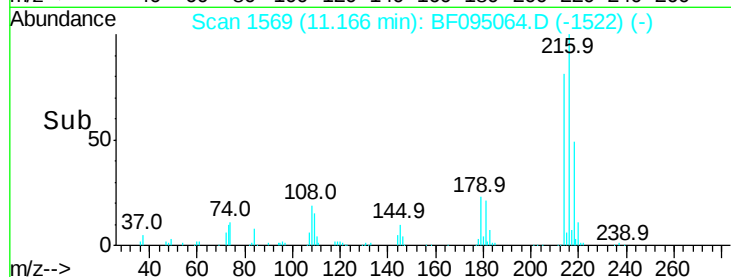
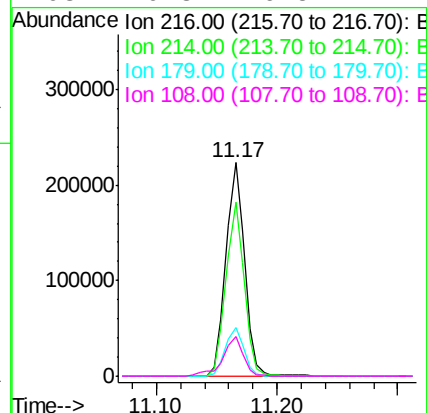
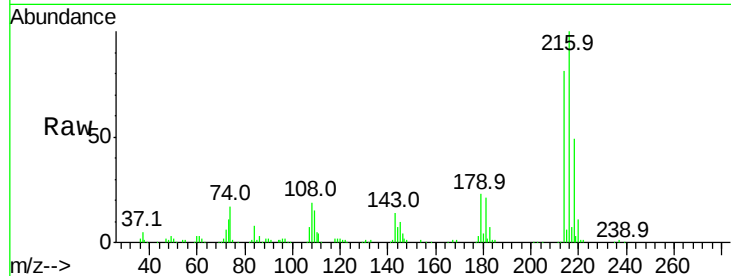
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.90 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	238381		
214	79.7	63.4	95.2	
179	22.5	17.9	26.9	
108	20.3	16.5	24.7	

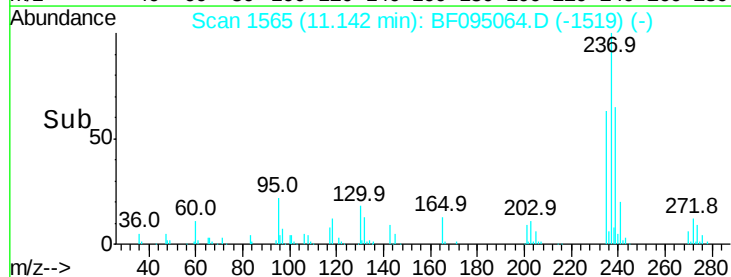
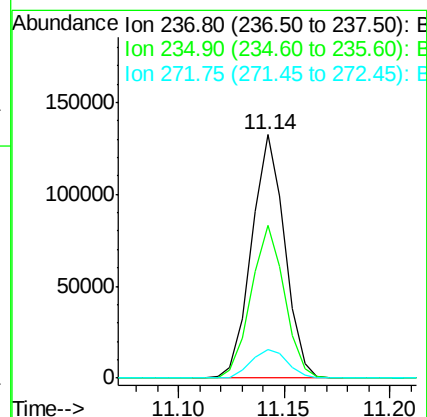
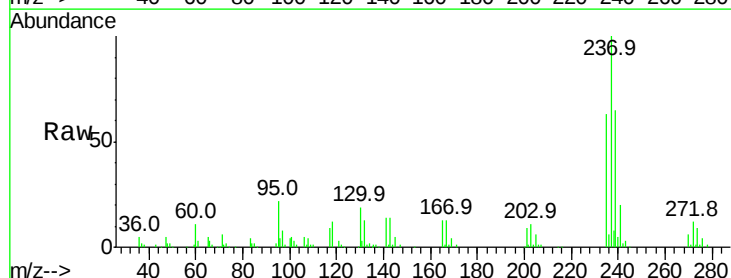
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#40
 Hexachlorocyclopentadiene
 Concen: 68.37 ng
 RT: 11.14 min Scan# 1565
 Delta R.T. -0.03 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	144041		
235	62.6	42.6	82.6	
272	12.0	0.0	31.9	





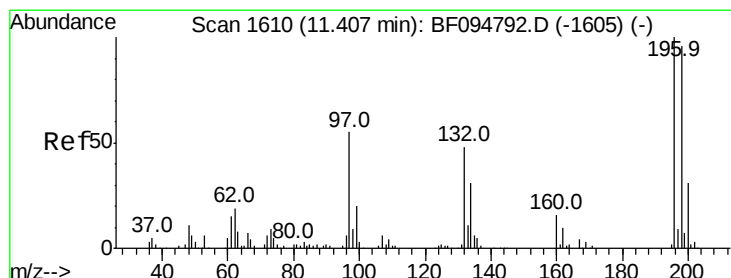
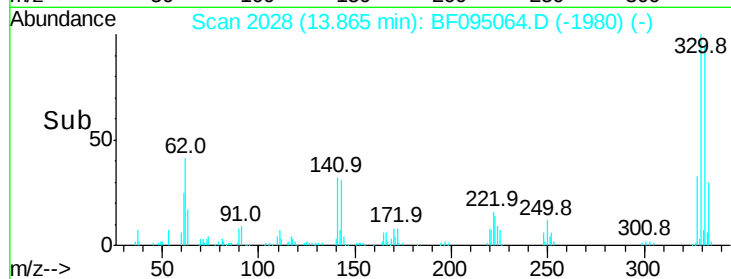
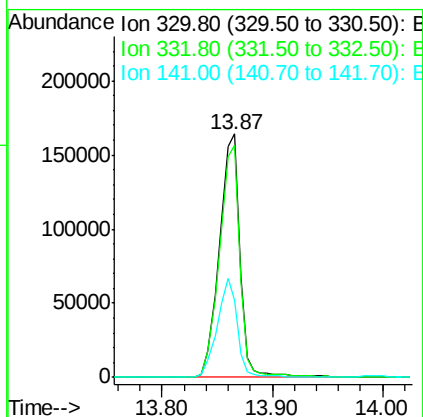
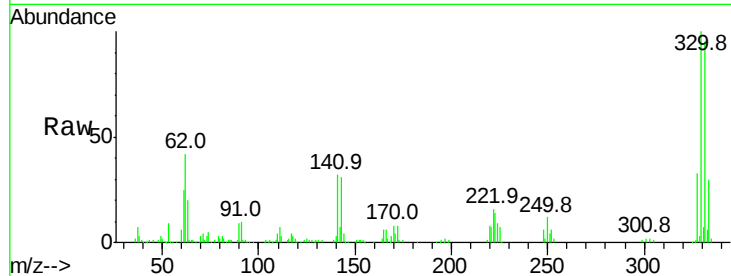
#41
 2,4,6-Tribromophenol
 Concen: 158.17 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214079		
332	94.9	76.6	115.0	
141	39.7	31.4	47.2	

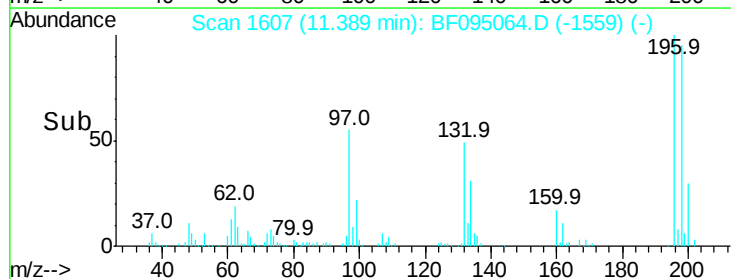
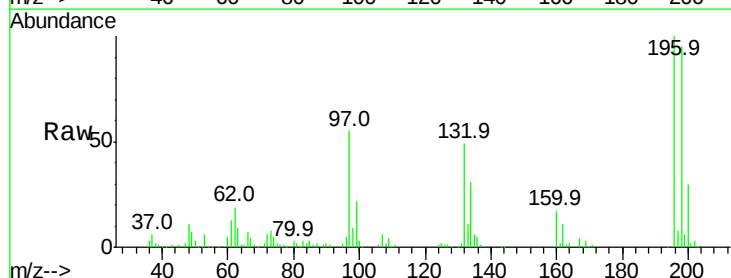
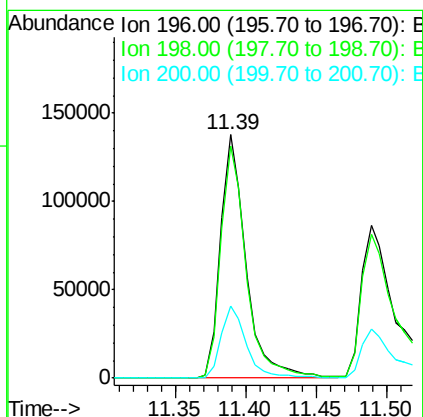
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#42
 2,4,6-Trichlorophenol
 Concen: 51.25 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173908		
198	95.1	74.2	111.4	
200	29.7	24.0	36.0	





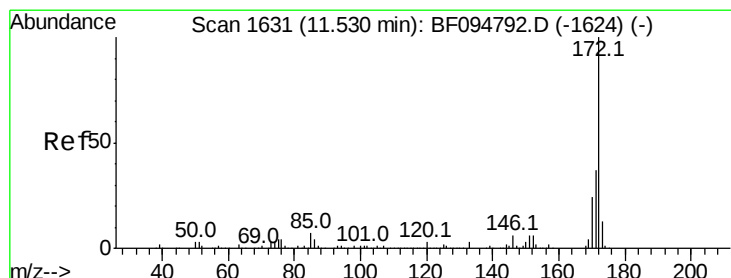
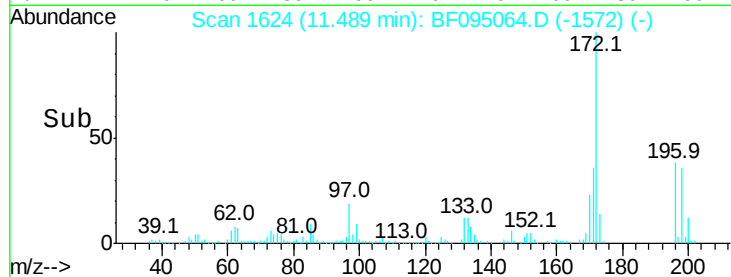
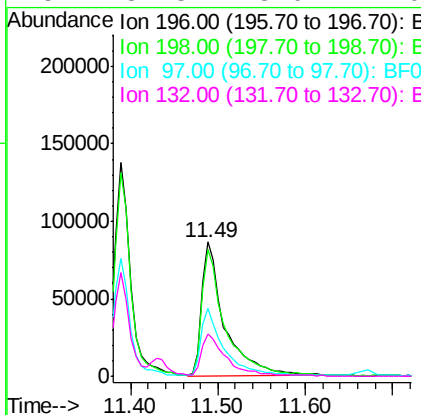
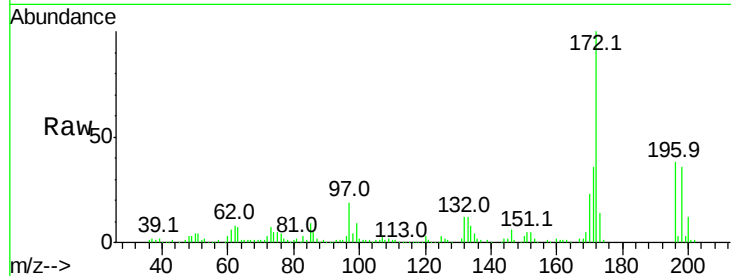
#43
 2,4,5-Trichlorophenol
 Concen: 43.51 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158682		
198	94.2	75.7	113.5	
97	50.2	47.7	71.5	
132	31.5	28.0	42.0	

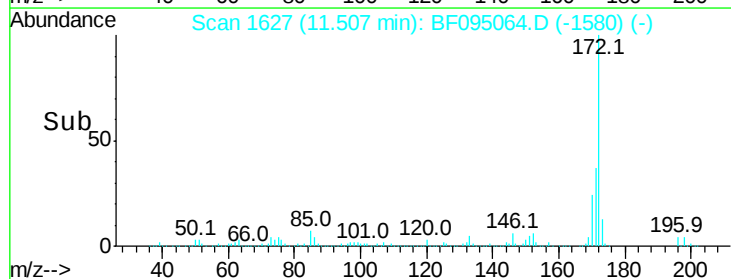
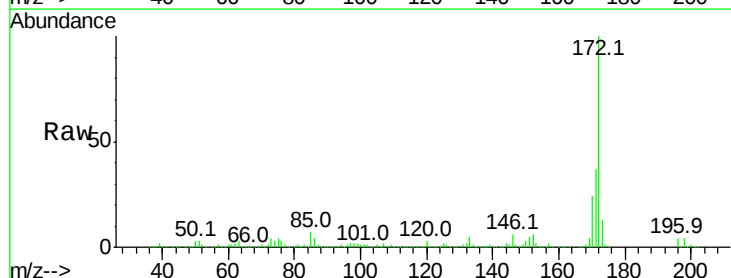
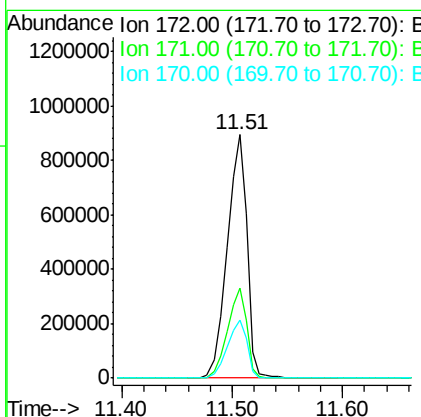
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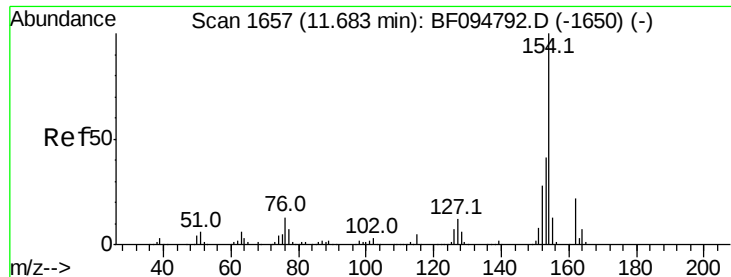
mohammad
 5/11/2017 2:25:30 PM



#44
 2-Fluorobiphenyl
 Concen: 97.31 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1117237		
171	37.1	29.6	44.4	
170	23.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 47.61 ng

RT: 11.65 min Scan# 1652

Delta R.T. -0.03 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

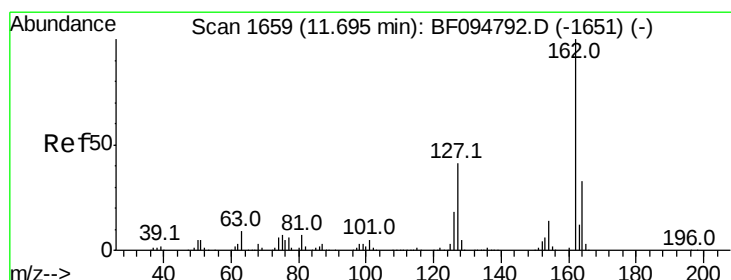
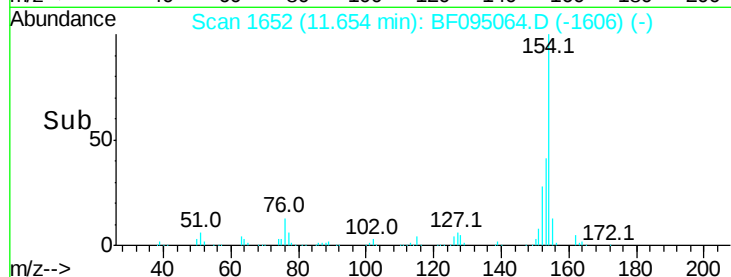
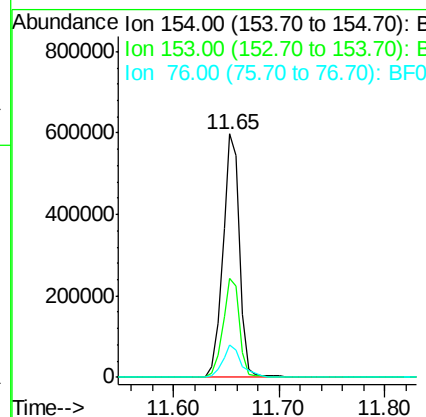
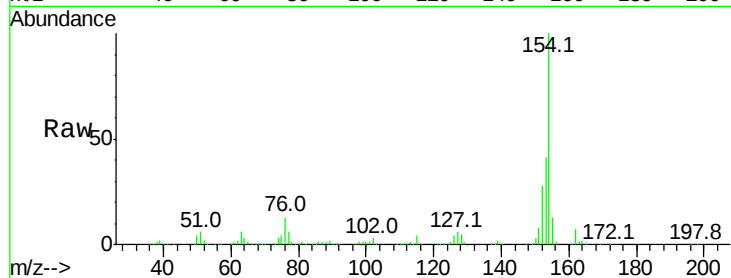
ClientSampleId :

HY-SB423BMSD

Tot Ion:	154	Resp:	662493
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	13.2	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 46.83 ng

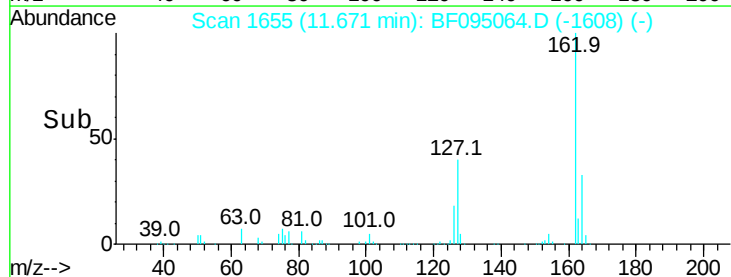
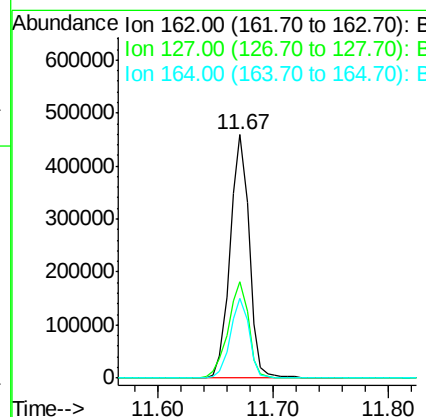
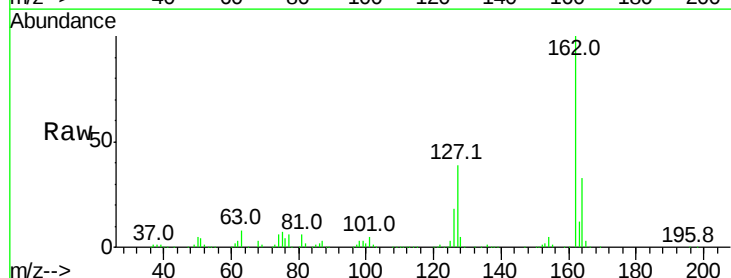
RT: 11.67 min Scan# 1655

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion:	162	Resp:	526140
Ion Ratio	Lower	Upper	
162	100		
127	39.4	28.3	42.5
164	32.9	27.0	40.4





#47

2-Nitroaniline

Concen: 48.81 ng

RT: 11.89 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tot Ion: 65 Resp: 150090

Ion Ratio Lower Upper

65 100

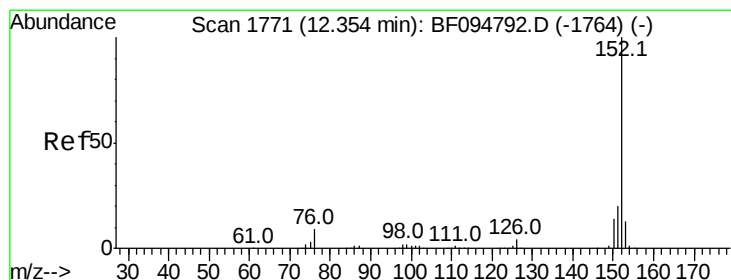
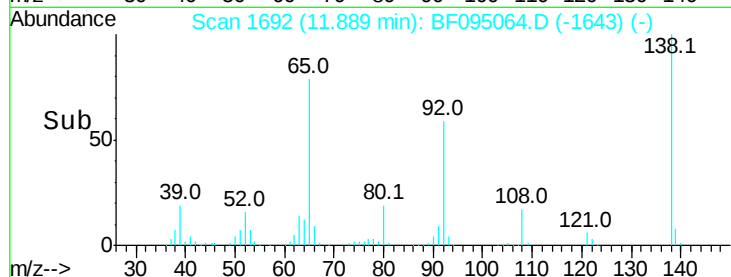
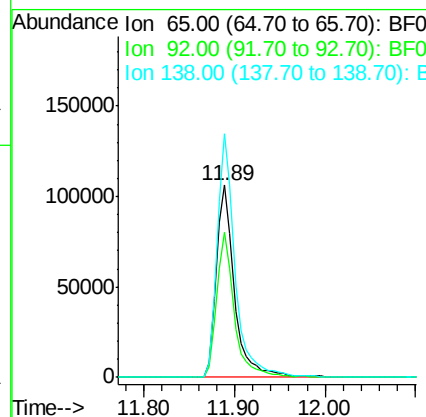
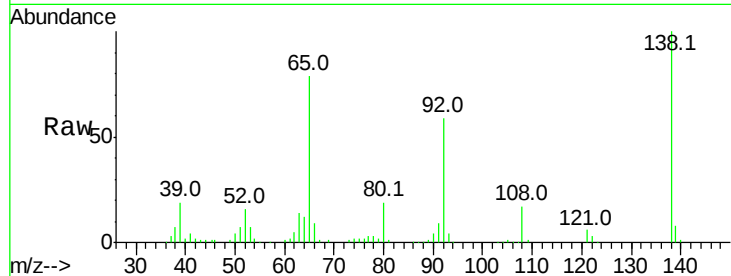
92 75.3 53.9 80.9

138 126.8 78.8 118.2#

Manual Integrations
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#48

Acenaphthylene

Concen: 48.85 ng

RT: 12.33 min Scan# 1767

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

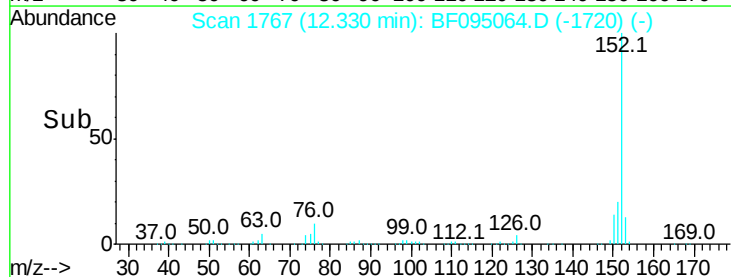
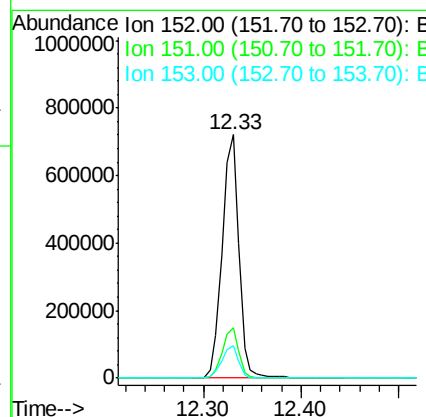
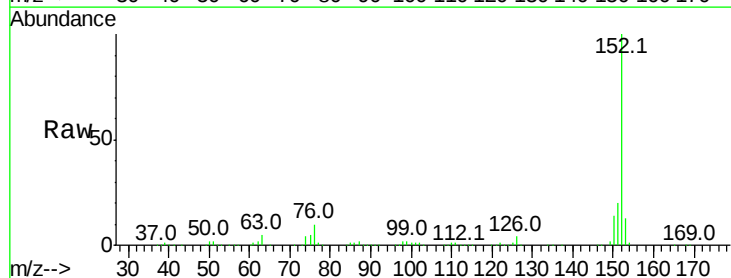
Tgt Ion: 152 Resp: 859691

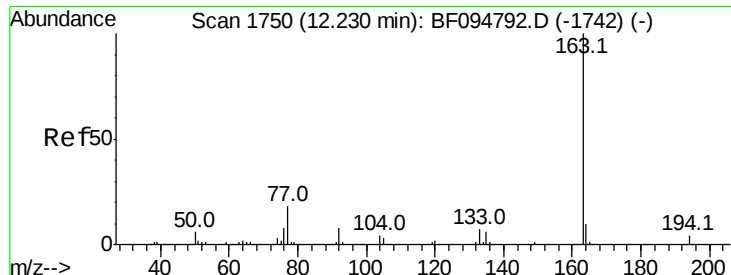
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.2 10.8 16.2





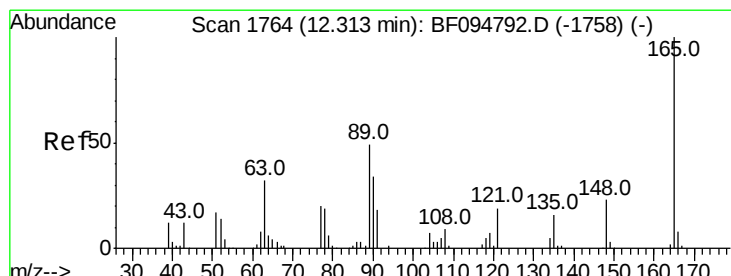
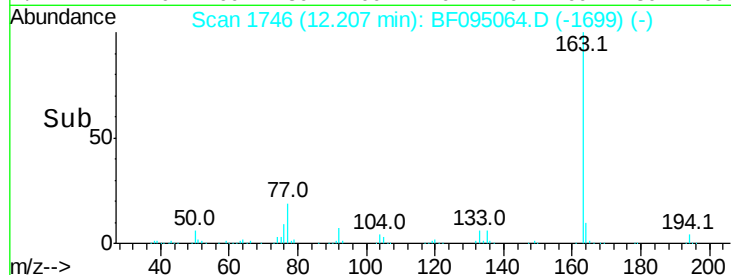
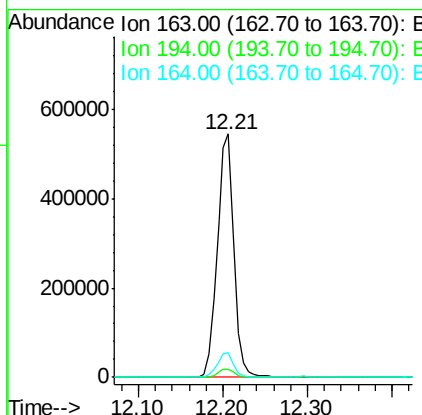
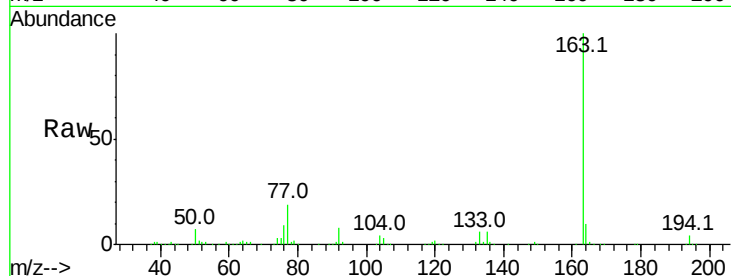
#49
Dimethylphthalate
Concen: 55.51 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	753084		
194	3.6		2.6	4.0
164	10.0		8.4	12.6

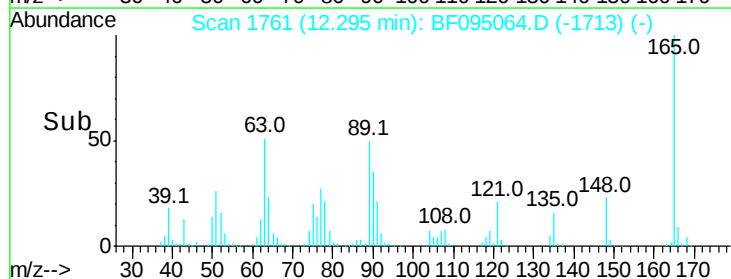
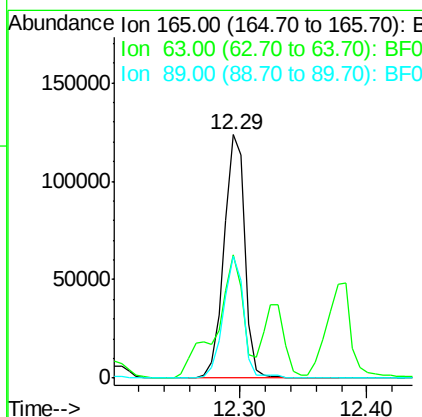
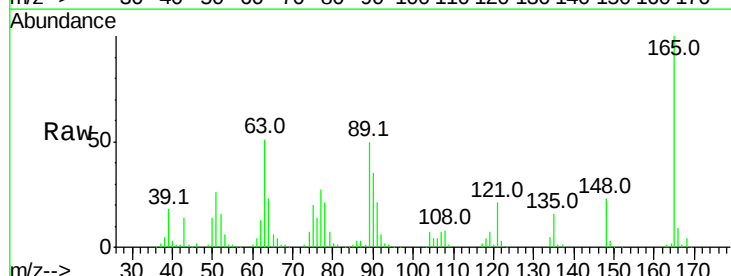
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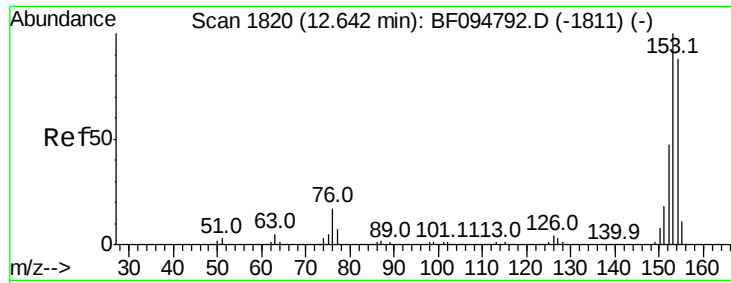
mohammad
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#50
2,6-Dinitrotoluene
Concen: 50.47 ng
RT: 12.29 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139703		
63	50.7		34.3	51.5
89	49.9		37.1	55.7





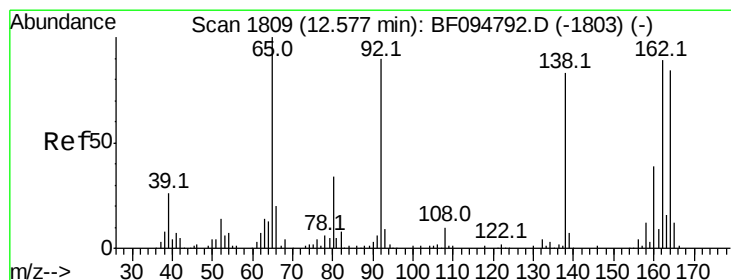
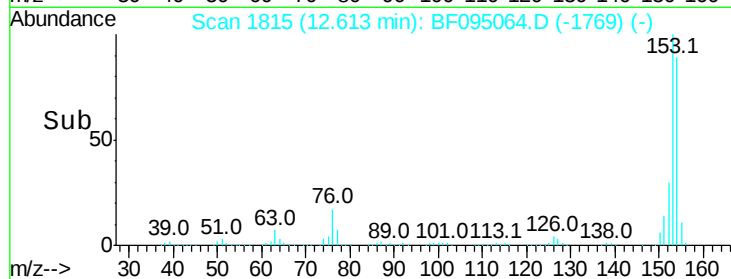
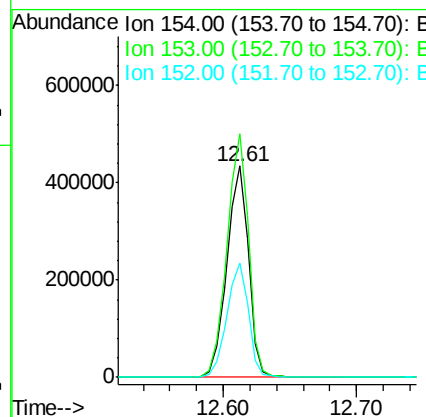
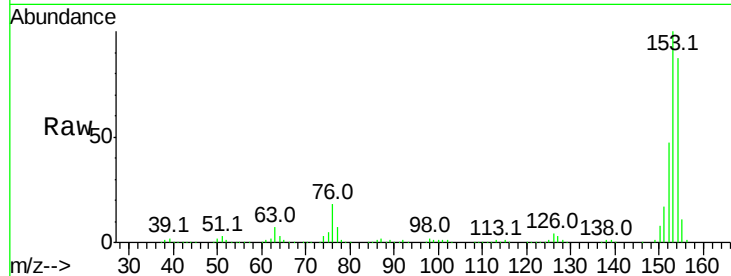
#51
Acenaphthene
Concen: 47.64 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.5	135.7
152	54.1	43.6	65.4

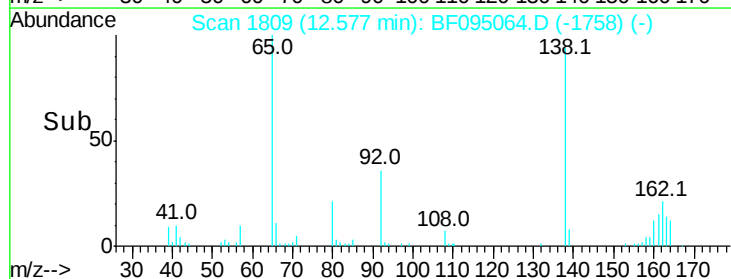
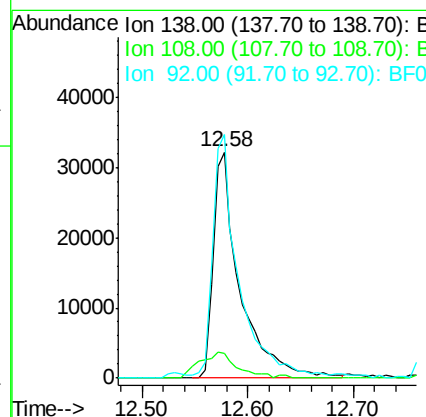
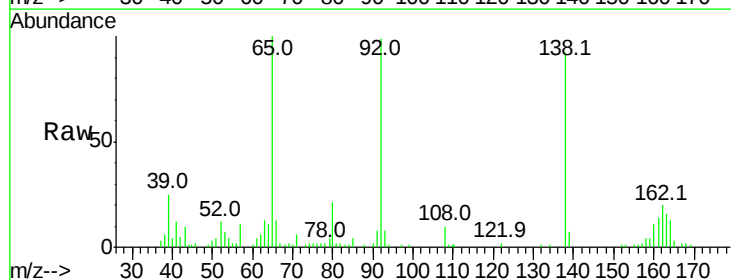
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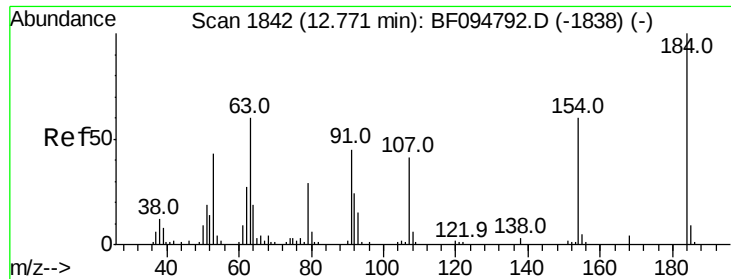
mohammad
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#52
3-Nitroaniline
Concen: 19.17 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	107.6	93.8	140.6





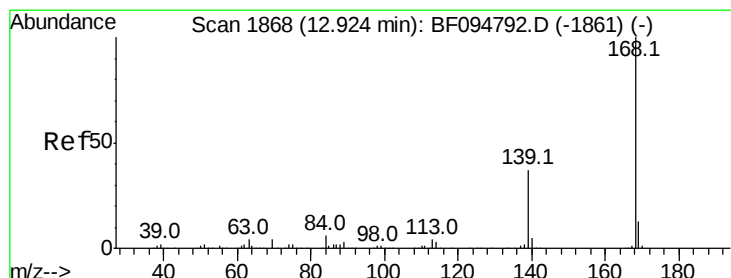
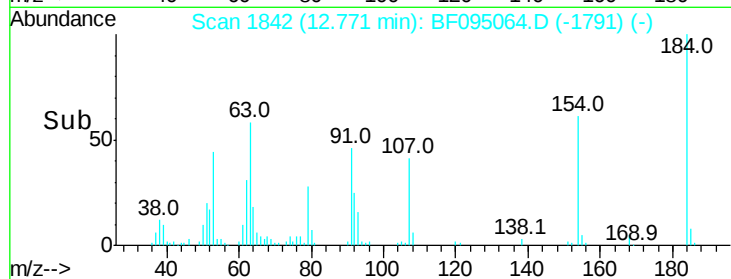
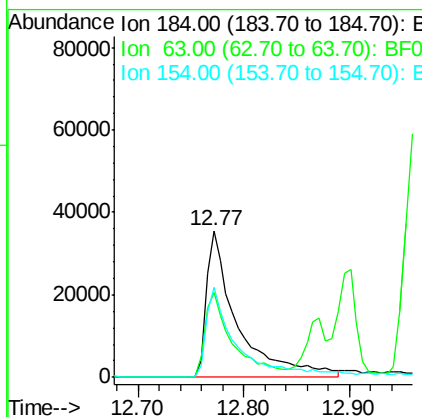
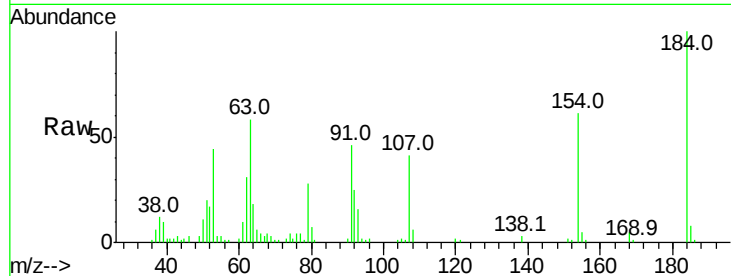
#53
 2,4-Dinitrophenol
 Concen: 49.95 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion:184 Resp: 72266
 Ion Ratio Lower Upper
 184 100
 63 57.7 62.7 94.1#
 154 61.4 81.1 121.7#

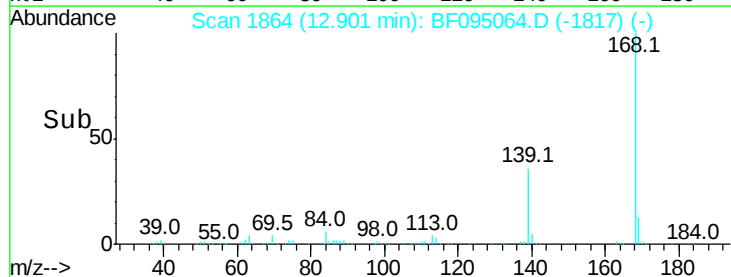
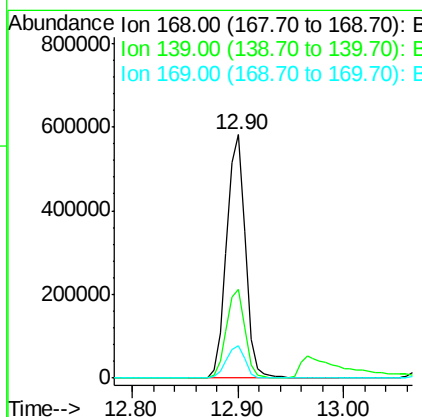
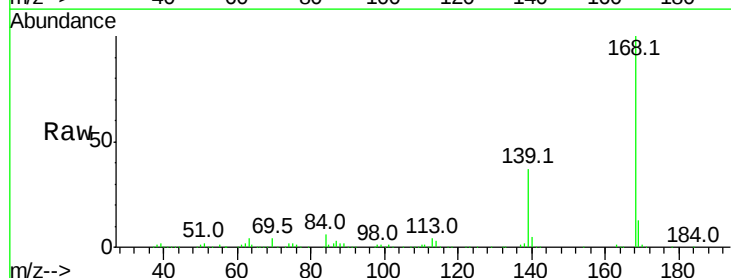
Manual Integrations
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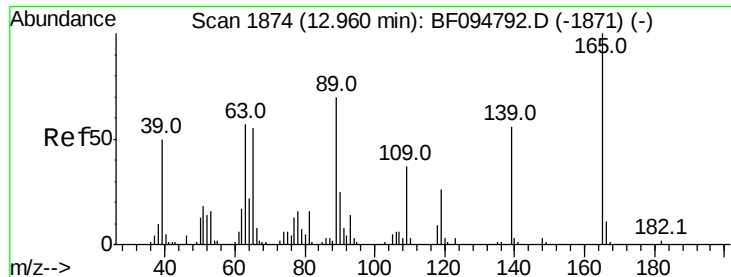
mohammad
 5/11/2017 2:25:30 PM



#54
 Dibenzofuran
 Concen: 48.94 ng
 RT: 12.90 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:168 Resp: 711874
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.1 10.8 16.2





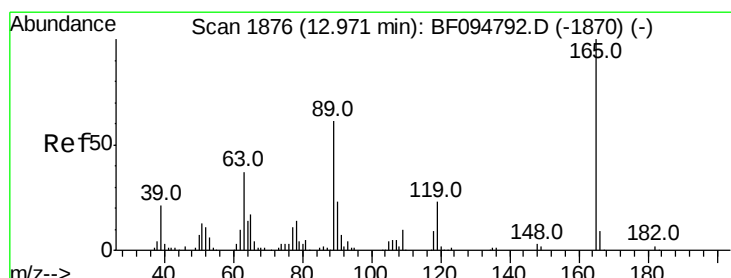
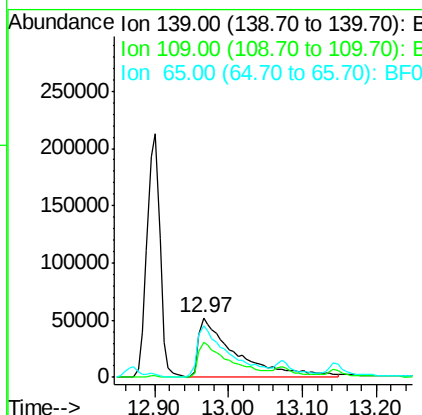
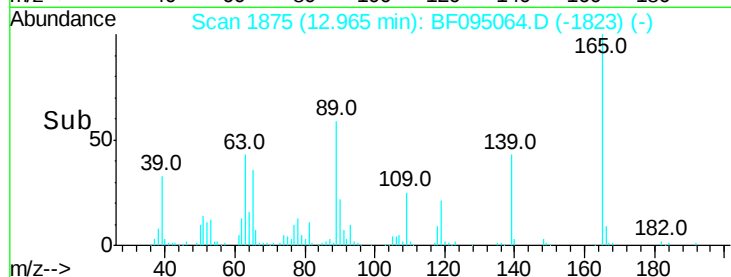
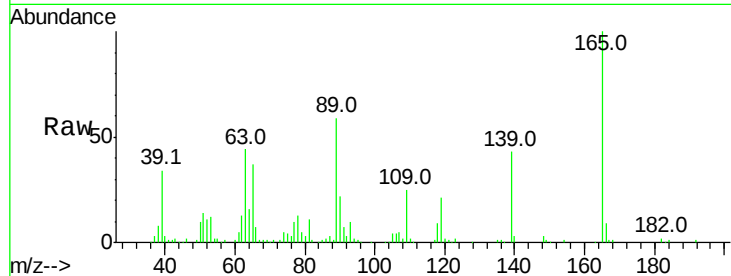
#55
4-Nitrophenol
Concen: 103.43 ng/ml
RT: 12.97 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.4	34.1	74.1	
65	85.5	31.4	71.4	

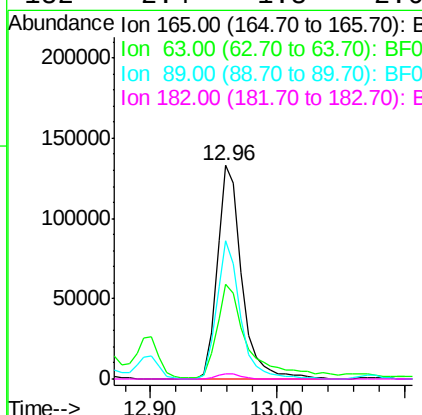
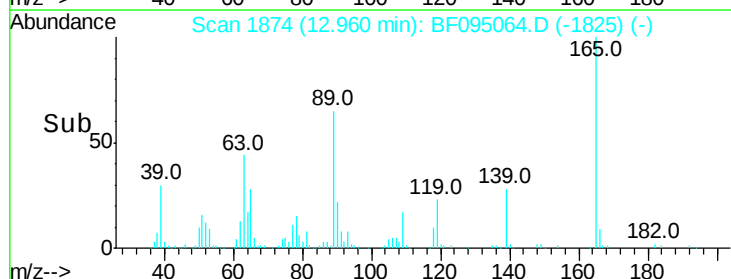
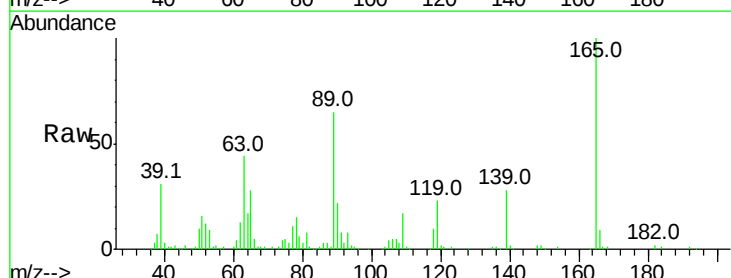
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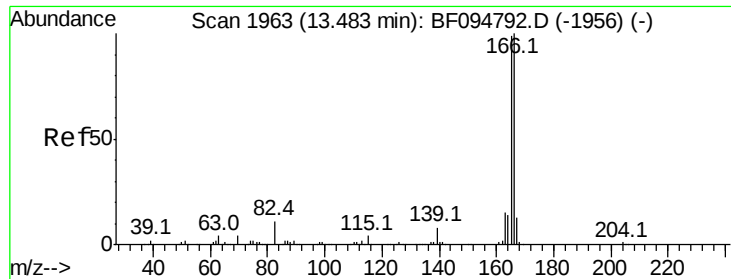
mohammad
5/11/2017 2:25:30 PM



#56
2,4-Dinitrotoluene
Concen: 50.55 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.4	25.4	38.0	
89	64.8	46.4	69.6	
182	2.4	1.8	2.6	





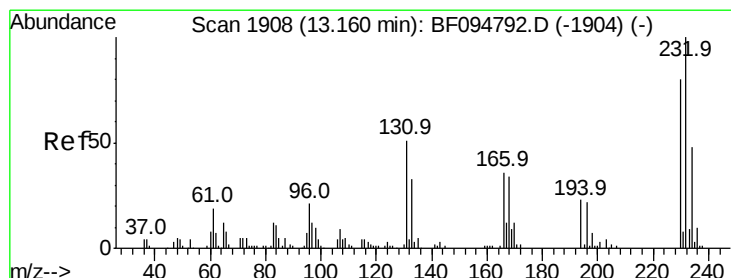
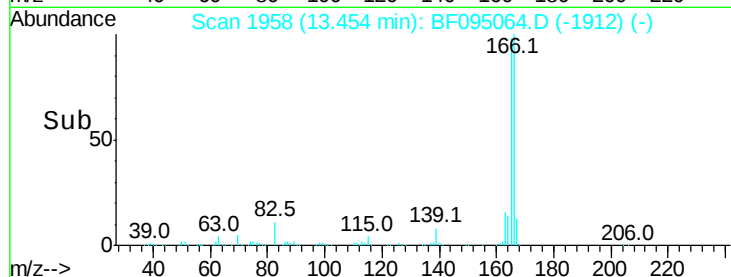
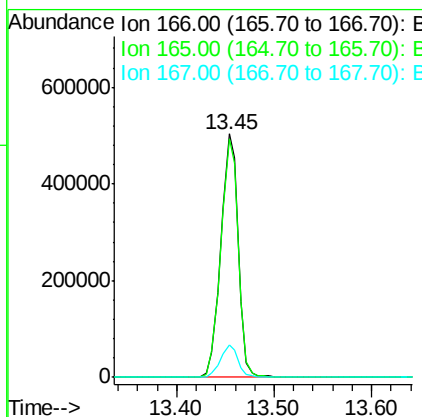
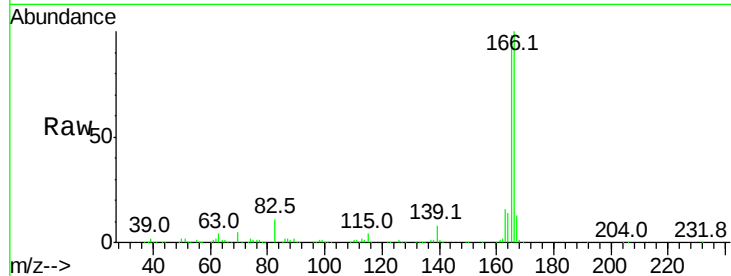
#57
Fluorene
Concen: 48.87 ng
RT: 13.45 min Scan# 1958
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.1	10.6	16.0

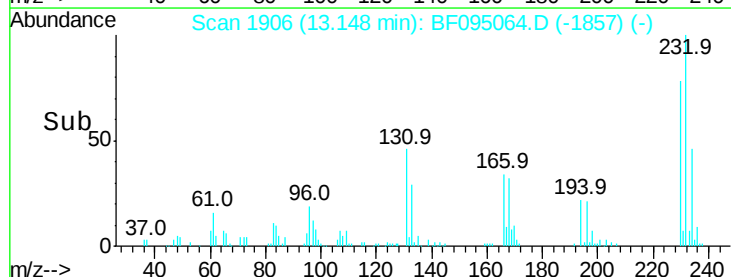
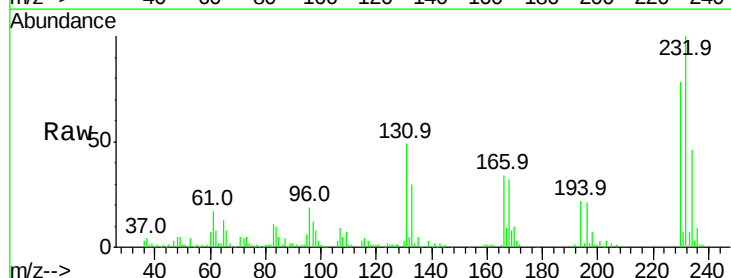
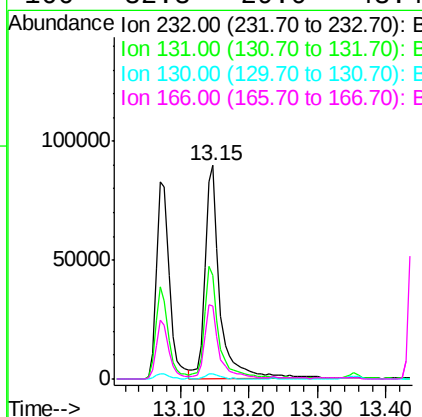
Manual Integrations
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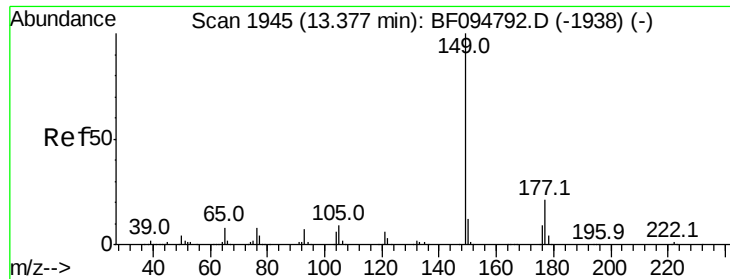
mohammad
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#58
2,3,4,6-Tetrachlorophenol
Concen: 59.69 ng
RT: 13.15 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.1	44.8	67.2
130	2.4	2.3	3.5
166	32.3	29.0	43.4





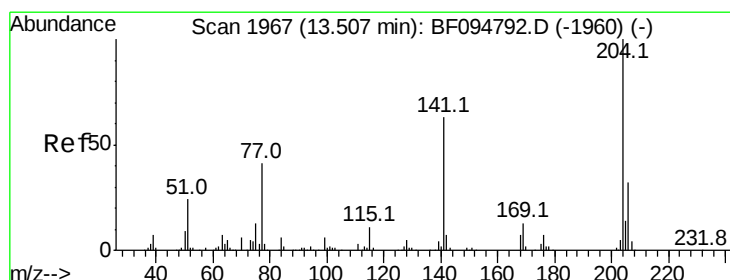
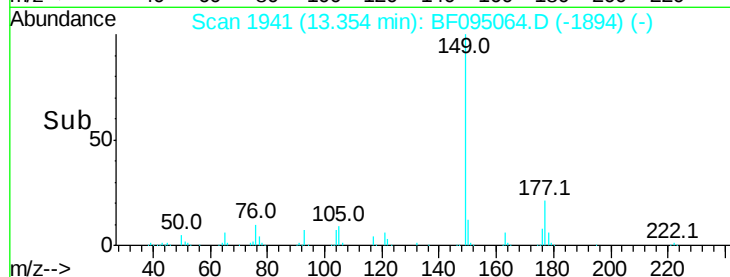
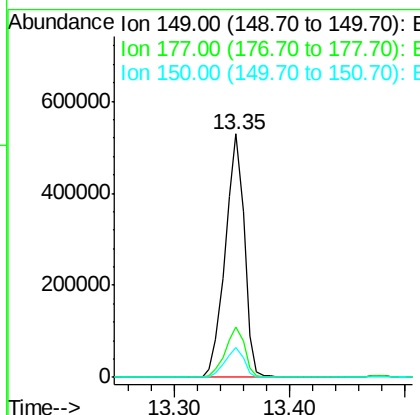
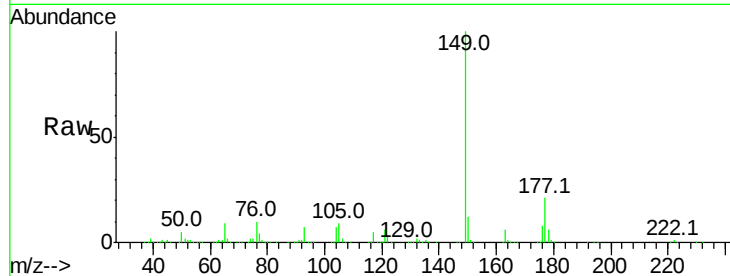
#59
Diethylphthalate
Concen: 46.74 ng
RT: 13.35 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampled :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.2	10.2	15.2

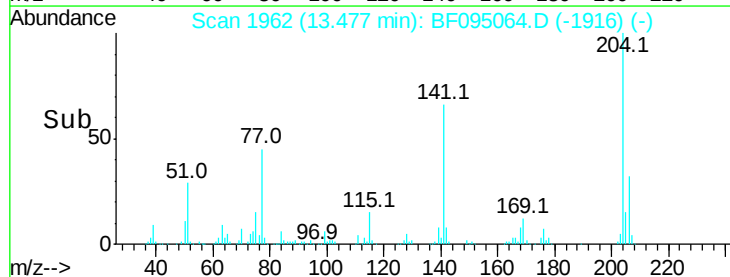
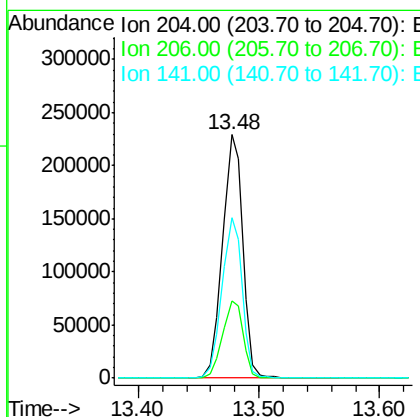
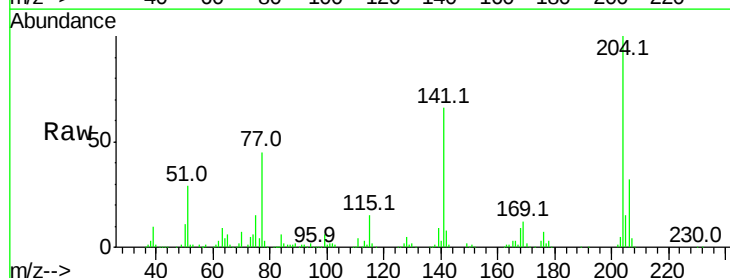
Manual Integrations
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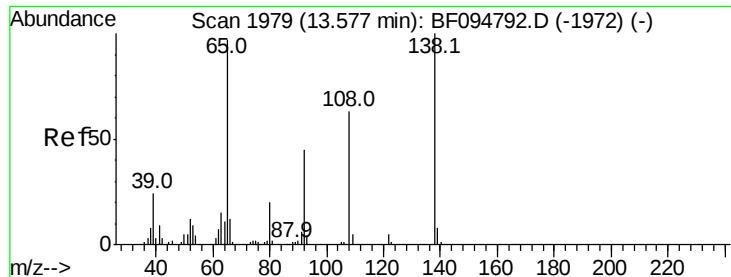
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.63 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	66.1	60.8	91.2





#61

4-Nitroaniline

Concen: 46.57 ng

RT: 13.57 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tot Ion:138 Resp: 127003

Ion Ratio Lower Upper

138 100

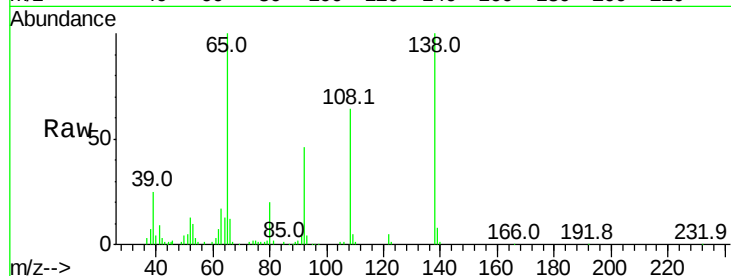
92 46.2 21.8 61.8

108 63.6 42.3 82.3

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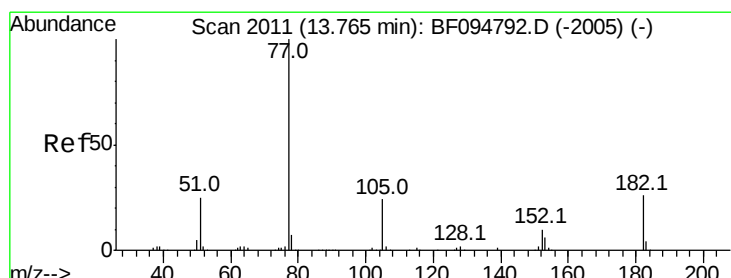
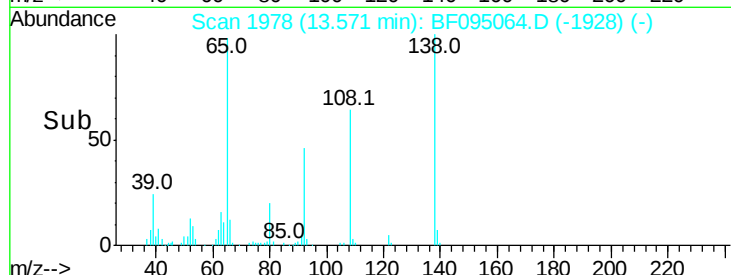
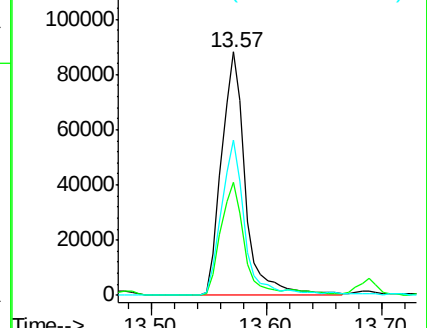
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.05 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion: 77 Resp: 543881

Ion Ratio Lower Upper

77 100

182 25.1 0.1 40.1

105 24.2 3.6 43.6

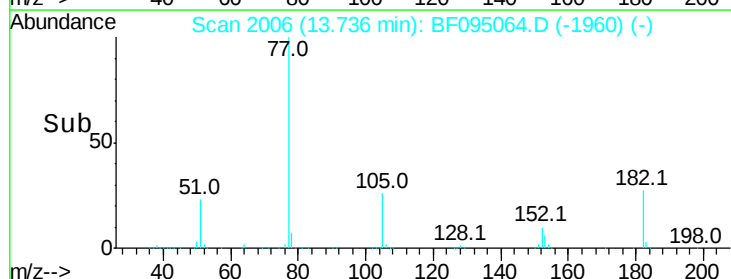
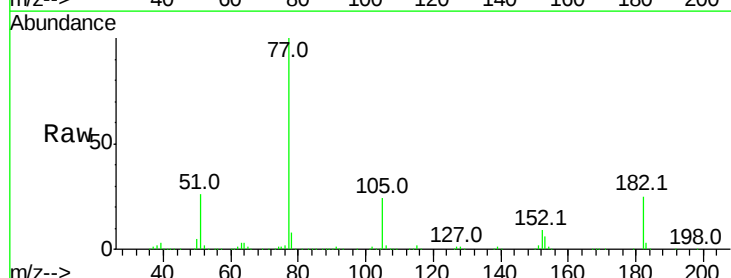
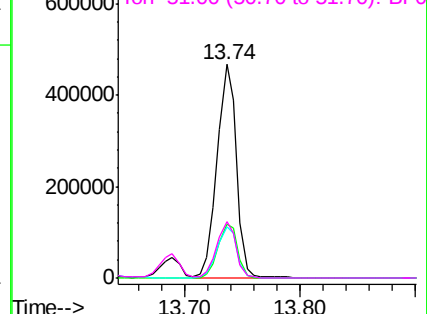
51 26.4 9.4 49.4

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





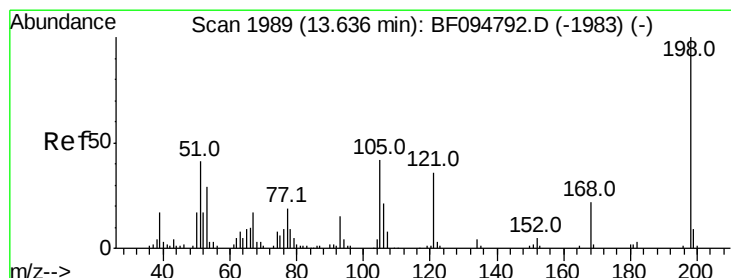
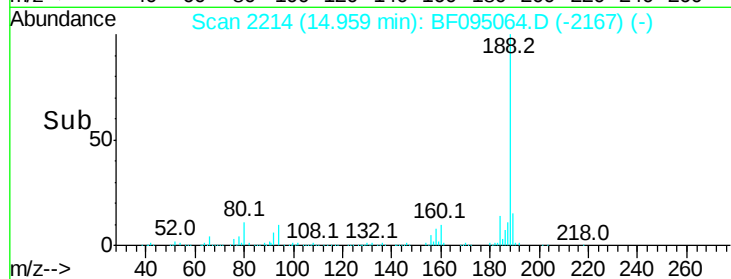
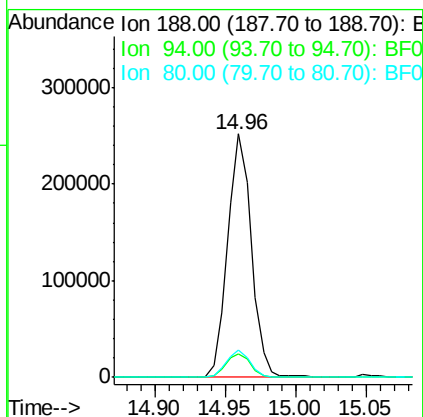
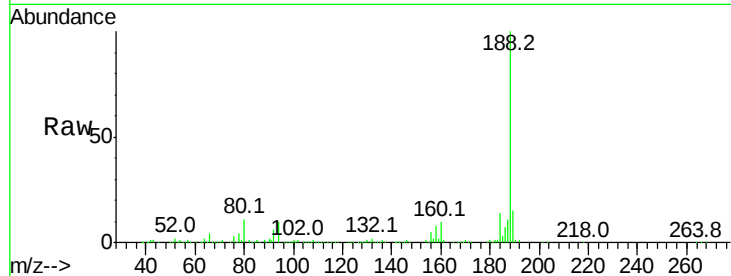
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	295208		
94	9.7		9.4	14.2
80	11.1		10.2	15.2

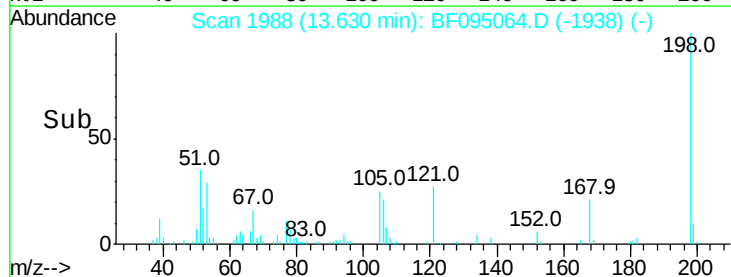
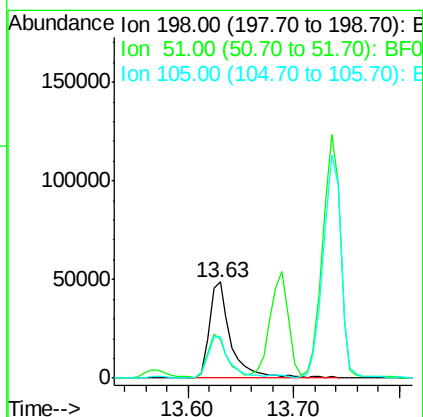
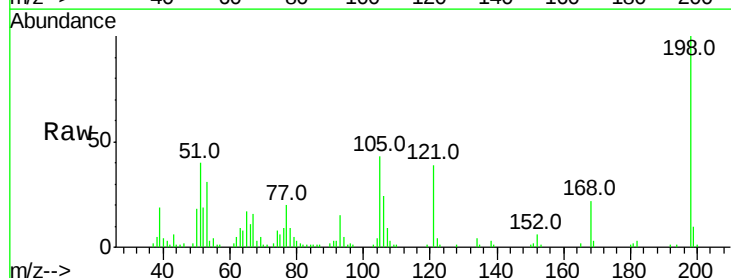
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.12 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	69510		
51	40.4		53.2	93.2#
105	42.9		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 48.81 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

ClientSampleId :

HY-SB423BMSD

Tot Ion:169 Resp: 523004

Ion Ratio Lower Upper

169 100

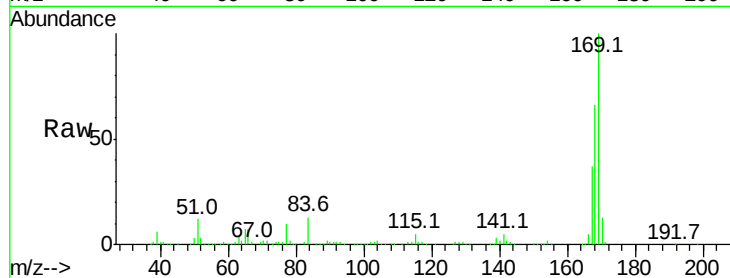
168 65.7 53.2 79.8

167 36.8 29.5 44.3

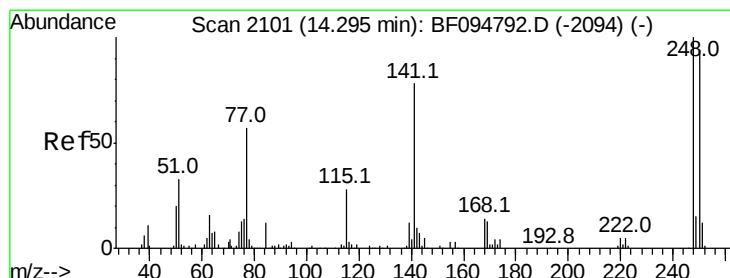
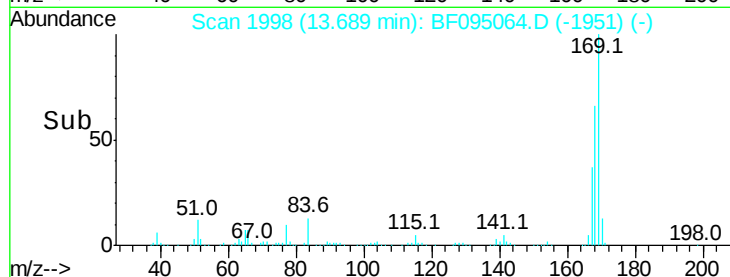
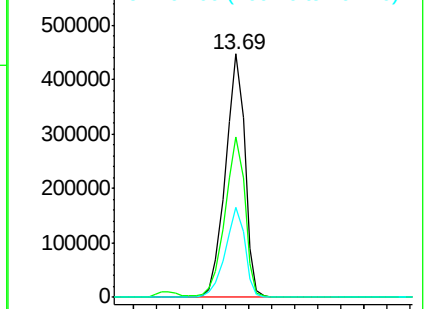
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.57 ng

RT: 14.27 min Scan# 2096

Delta R.T. -0.03 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

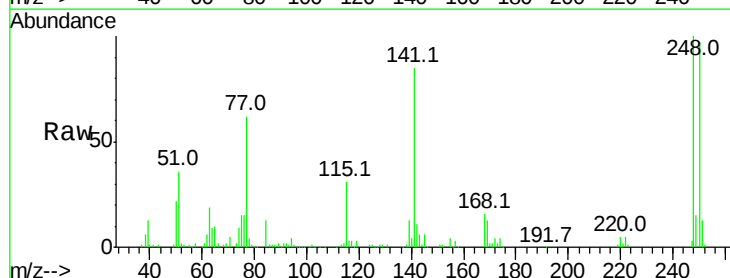
Tgt Ion:248 Resp: 139004

Ion Ratio Lower Upper

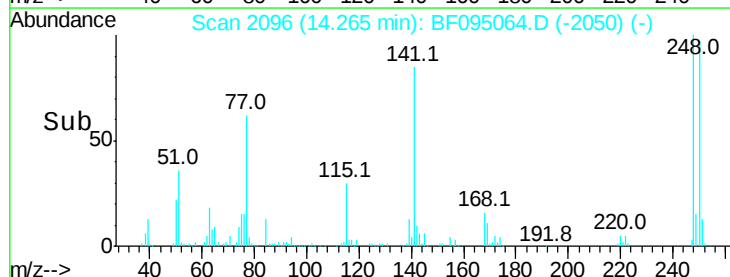
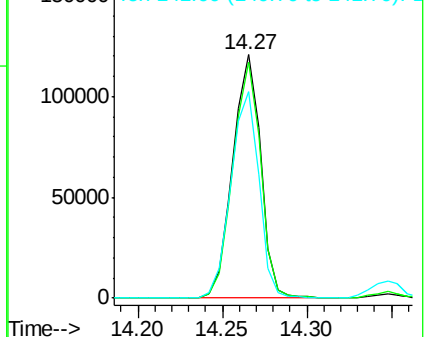
248 100

250 96.9 76.8 115.2

141 84.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.90 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

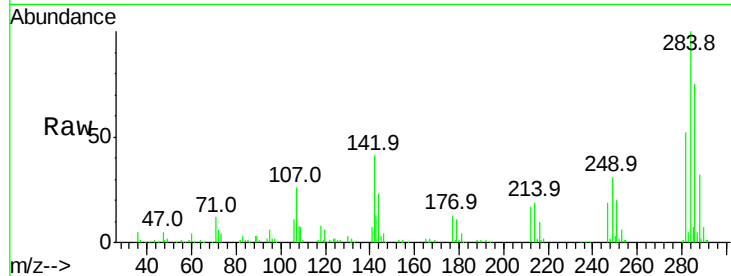
ClientSampleId :

HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	143530		
142	41.1	22.8	34.2	#
249	31.0	24.0	36.0	

Manual Integrations
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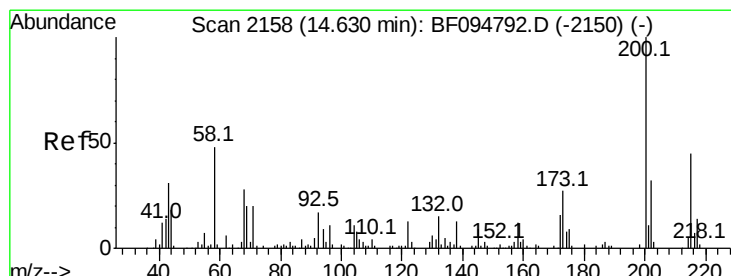
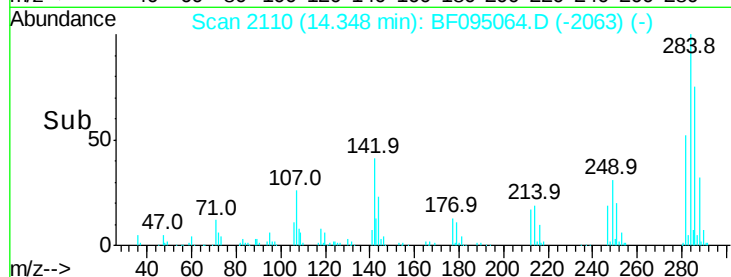
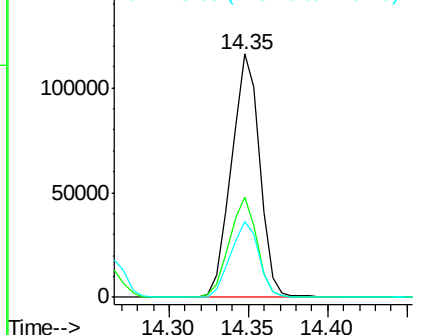
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.01 ng

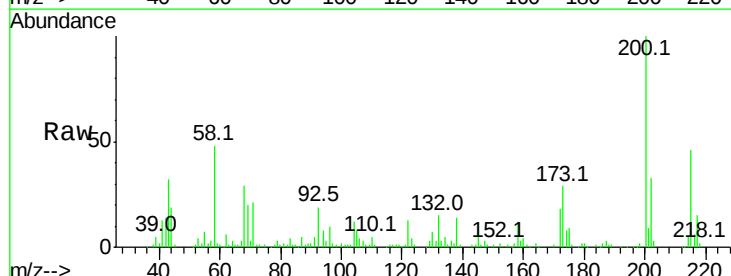
RT: 14.61 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

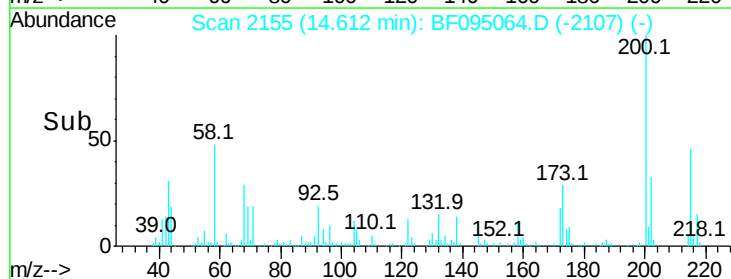
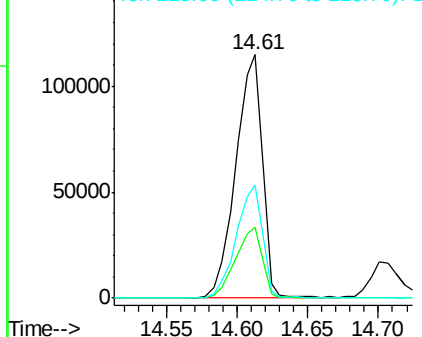
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	151294		
173	29.2	6.3	46.3	
215	46.4	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





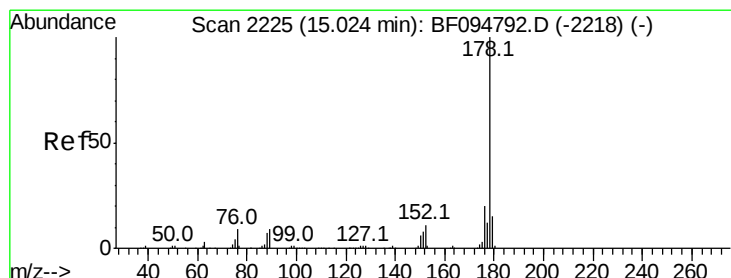
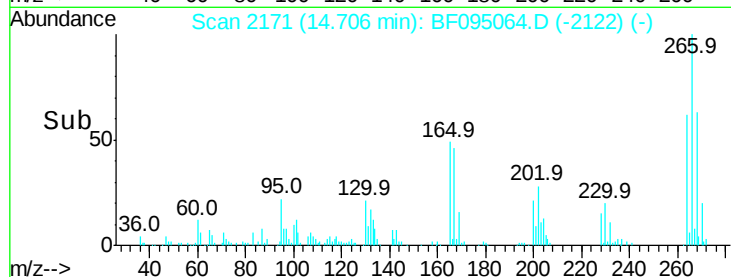
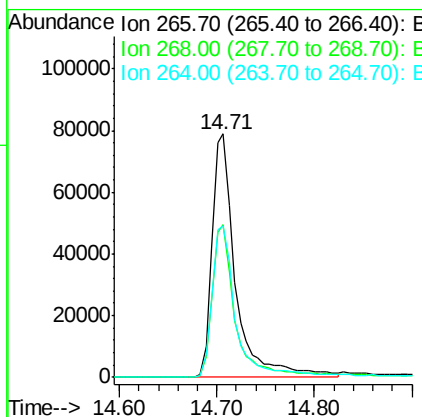
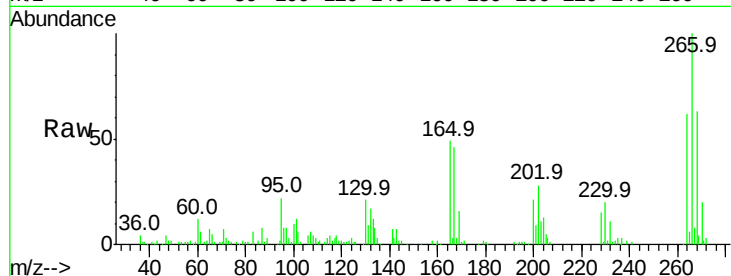
#69
 Pentachlorophenol
 Concen: 90.65 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132230		
268	62.6	51.1	76.7	
264	62.1	51.7	77.5	

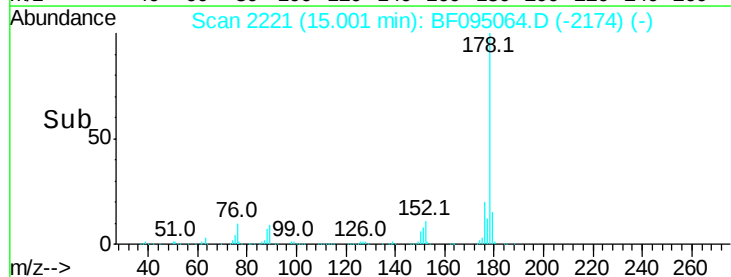
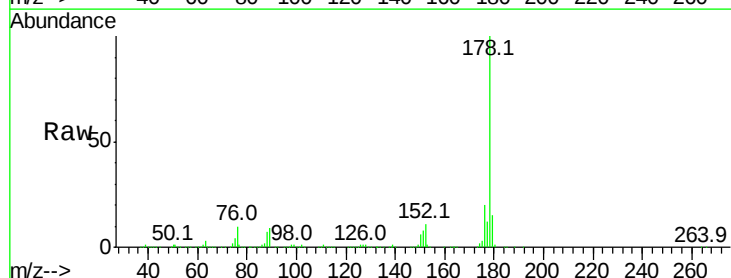
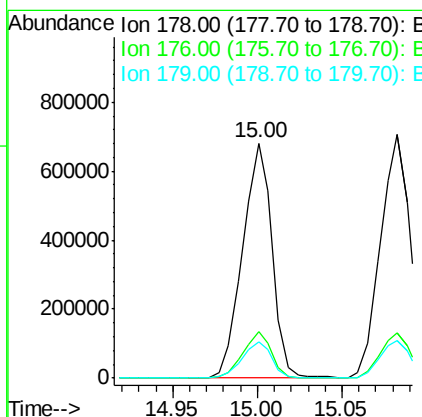
Manual Integrations
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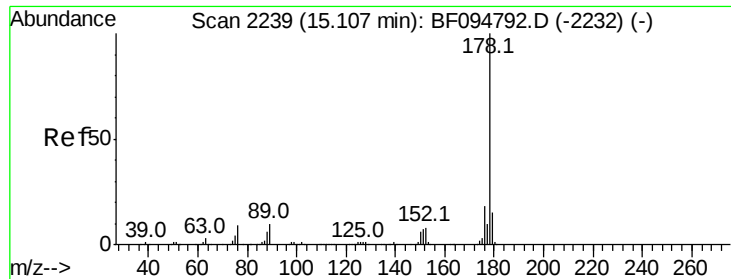
mohammad
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#70
 Phenanthrene
 Concen: 49.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	831110		
176	19.8	16.2	24.4	
179	15.2	12.6	19.0	





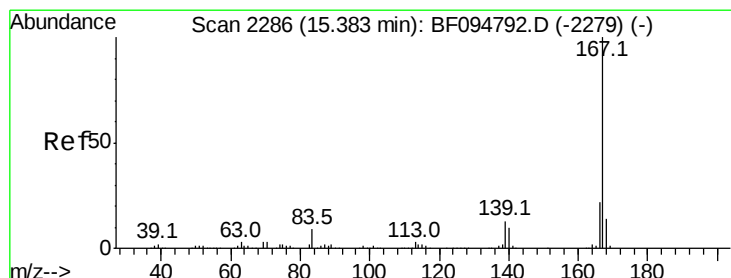
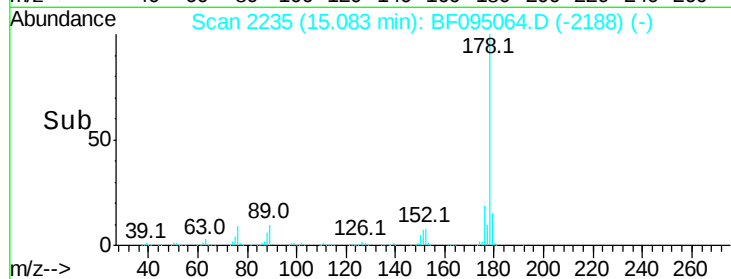
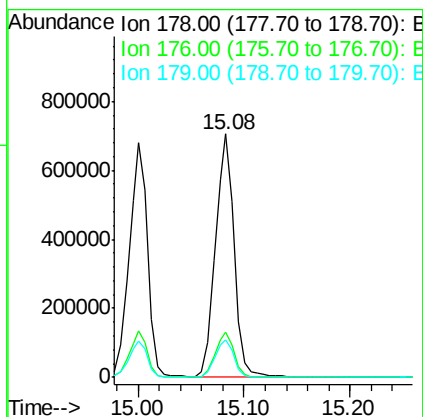
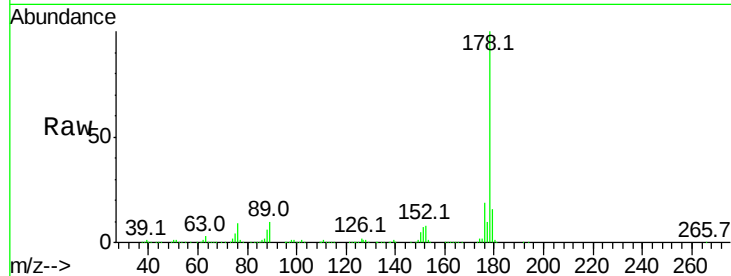
#71
 Anthracene
 Concen: 50.95 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

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

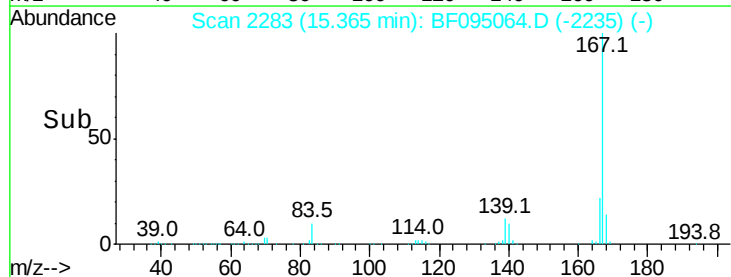
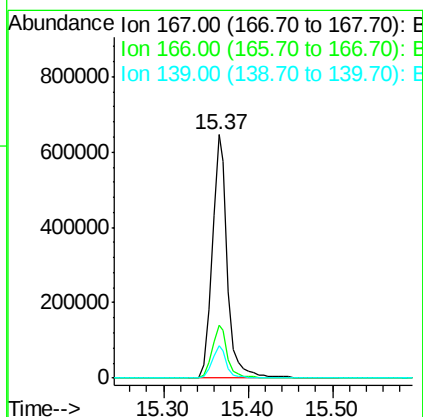
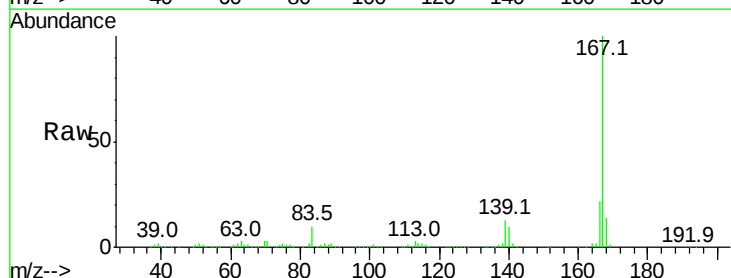
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#72
 Carbazole
 Concen: 52.26 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.4	11.7	17.5





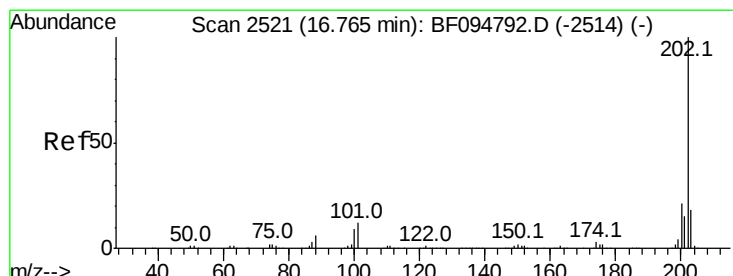
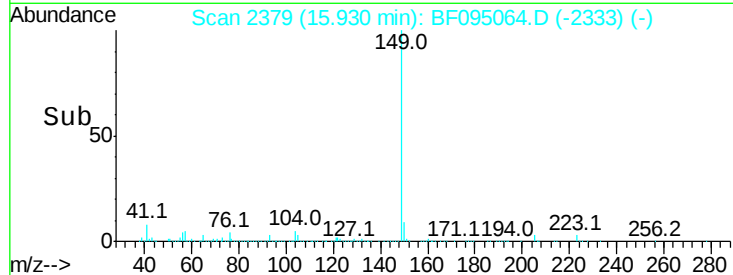
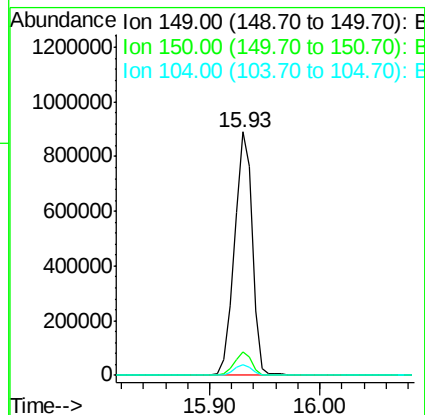
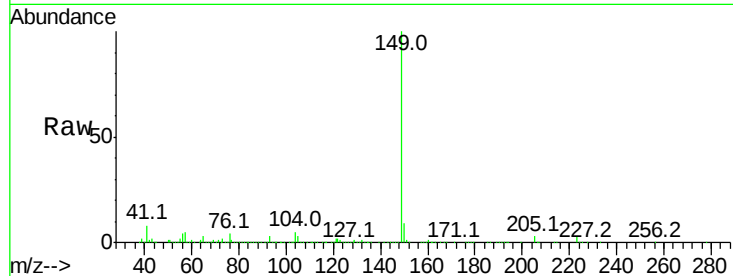
#73
Di-n-butylphthalate
Concen: 51.54 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

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

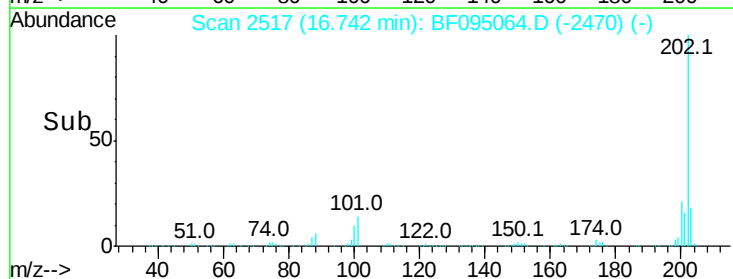
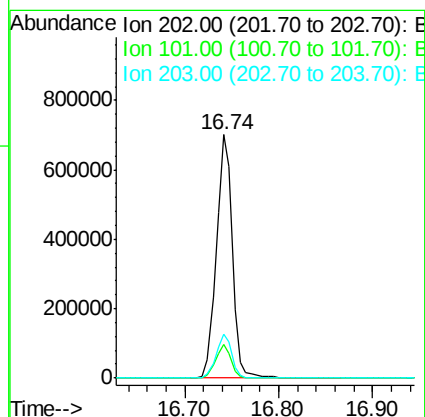
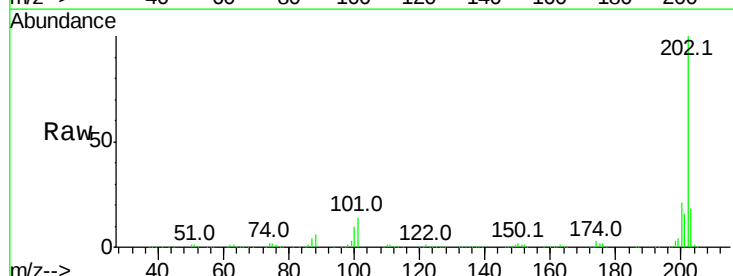
Manual Integrations
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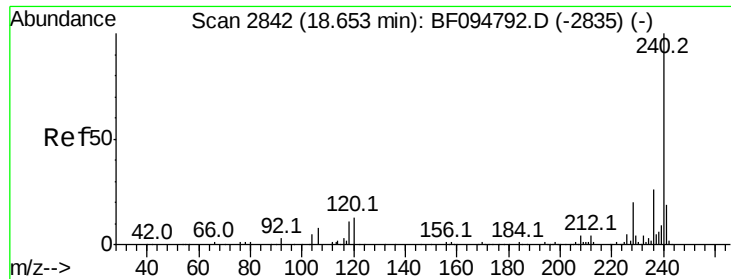
mohammad
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#74
Fluoranthene
Concen: 48.52 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Instrument :

BNA_F

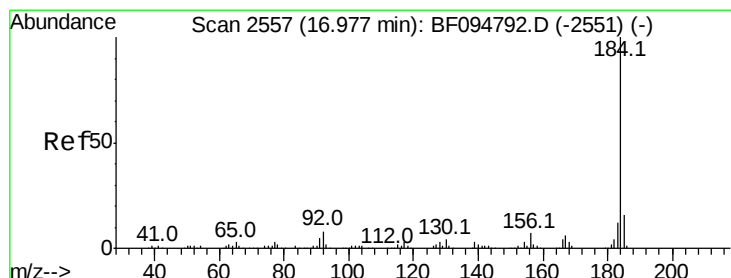
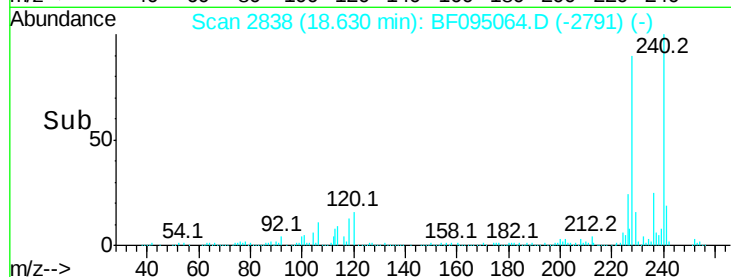
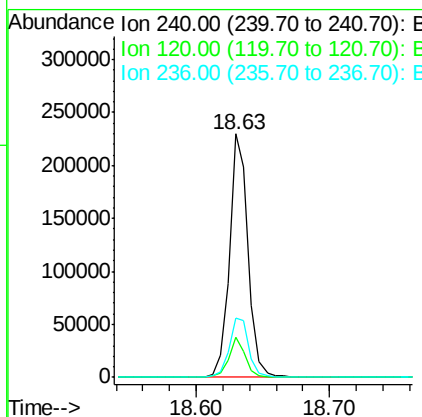
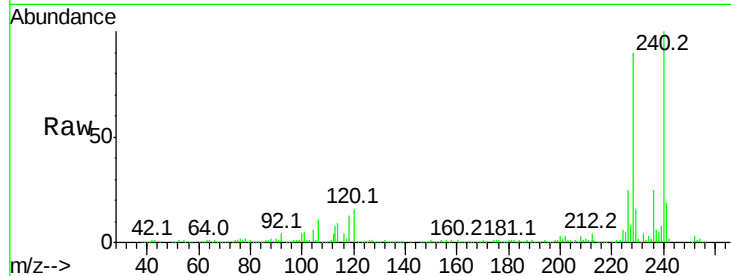
ClientSampleId :

HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.2	5.8	8.8#
236	24.6	20.5	30.7

Manual Integrations
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#76

Benzidine

Concen: 48.21 ng

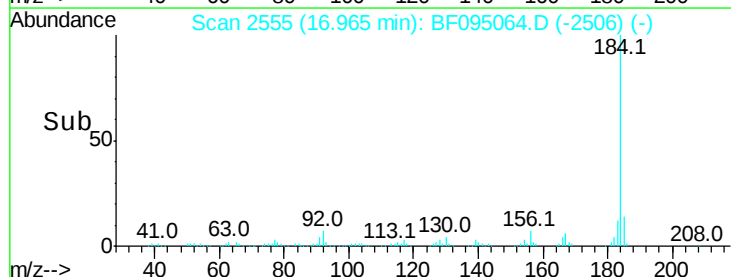
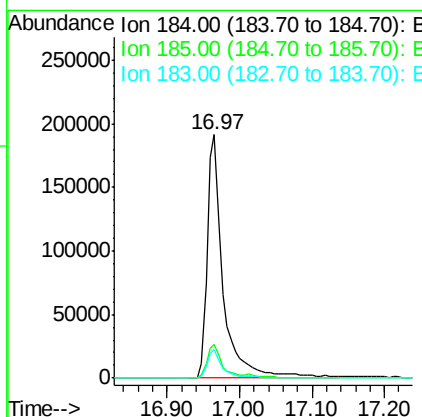
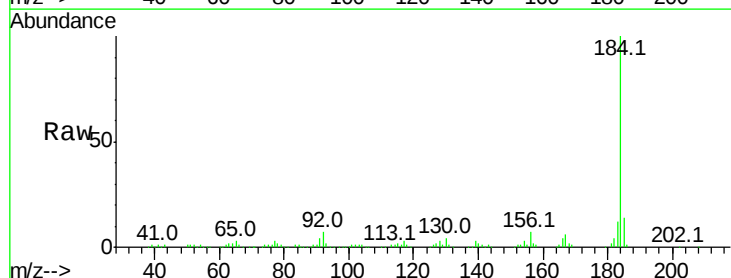
RT: 16.97 min Scan# 2555

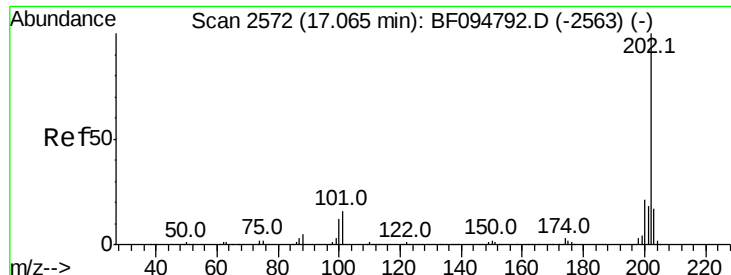
Delta R.T. -0.01 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	11.6	9.8	14.6





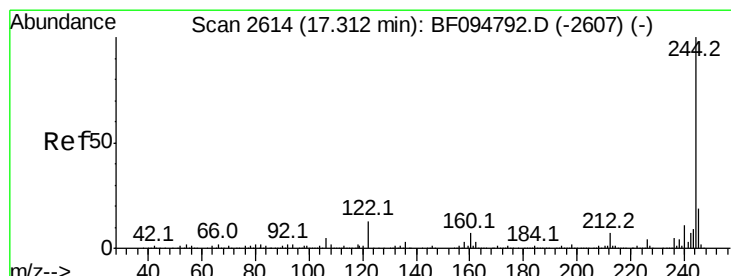
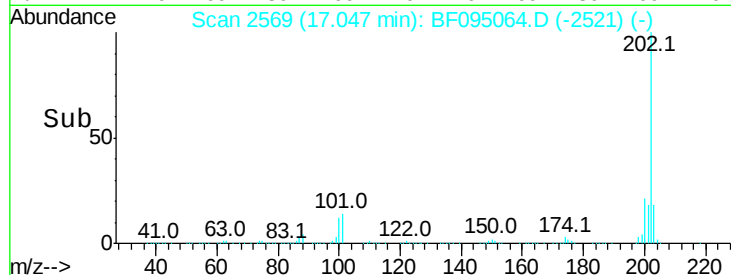
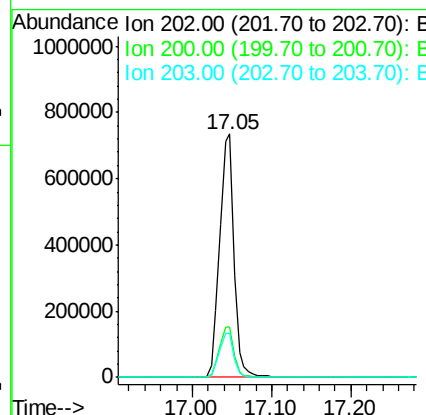
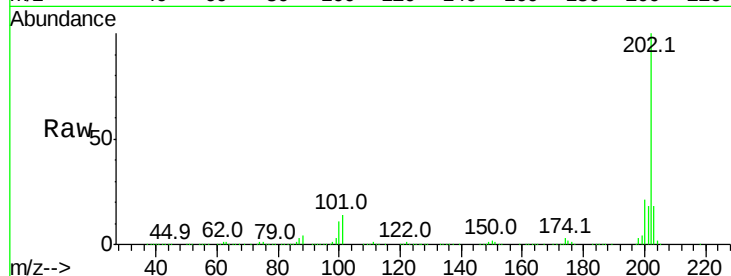
#77
Pvrene
Concen: 55.00 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.8	14.4	21.6

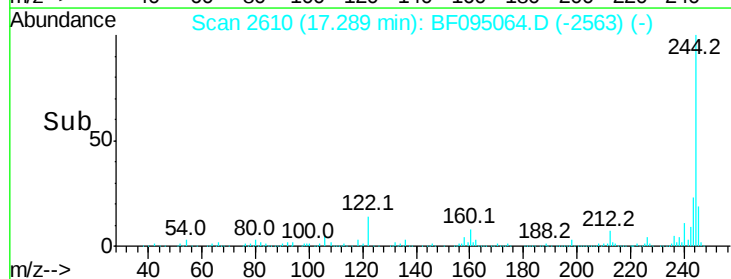
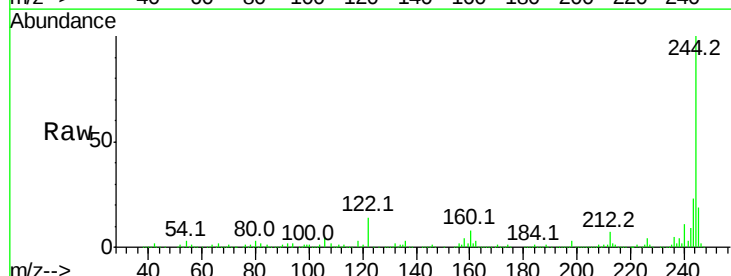
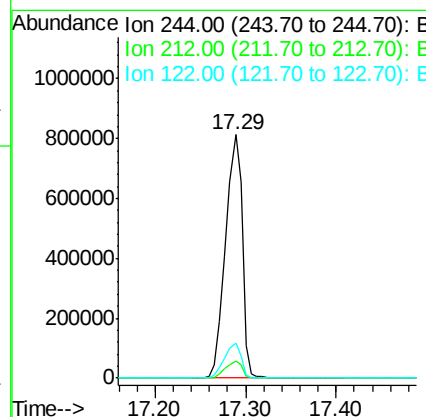
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#78
Terphenyl-d14
Concen: 101.22 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.4	10.3	15.5





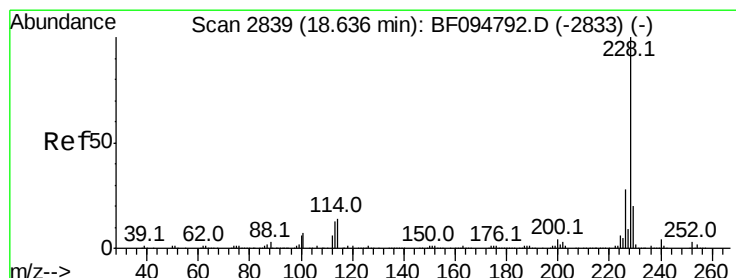
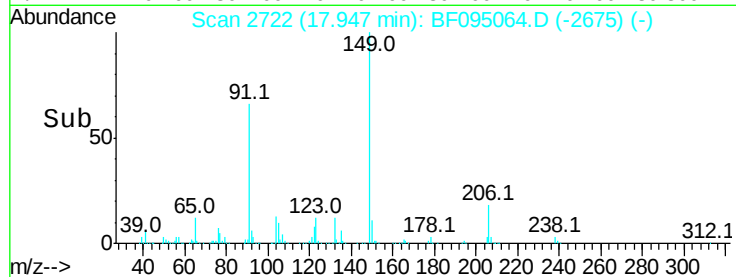
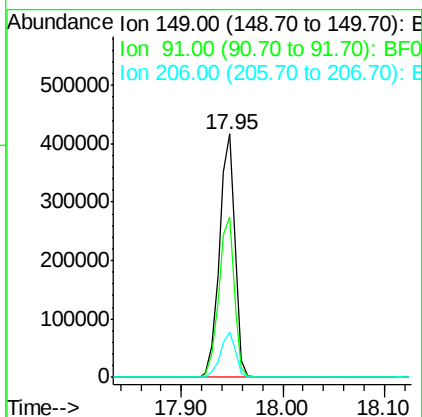
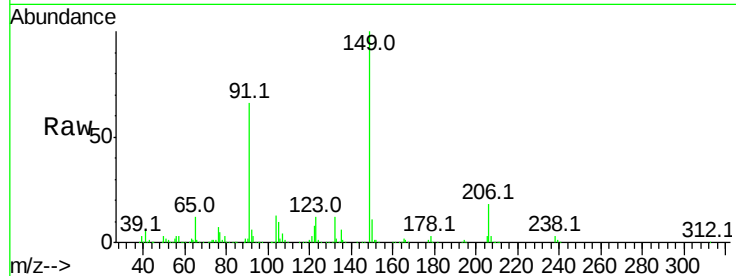
#79
Butylbenzylphthalate
Concen: 56.38 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	440680		
91	66.1	45.0	67.4	
206	18.4	17.0	25.6	

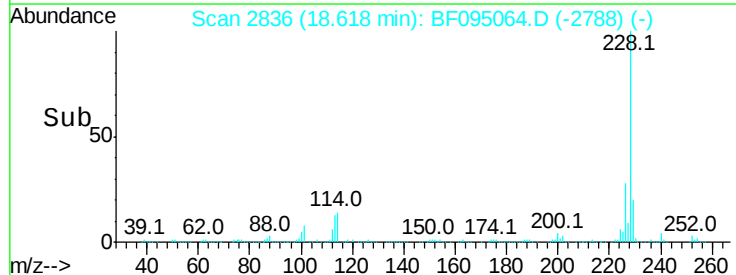
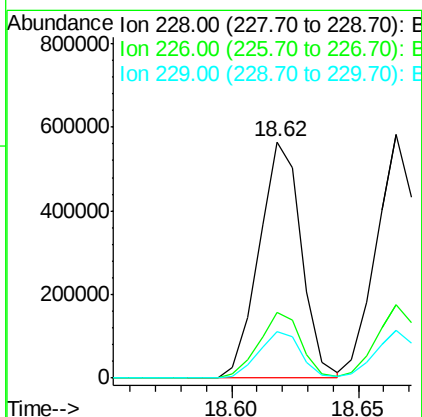
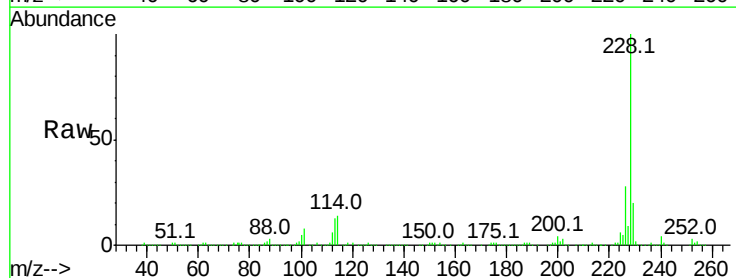
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#80
Benzo(a)anthracene
Concen: 50.34 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	658330		
226	27.8	22.6	33.8	
229	19.8	16.3	24.5	





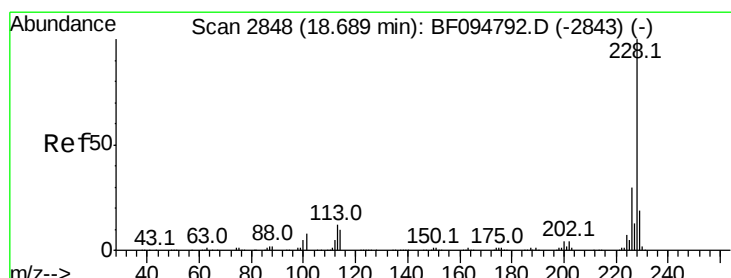
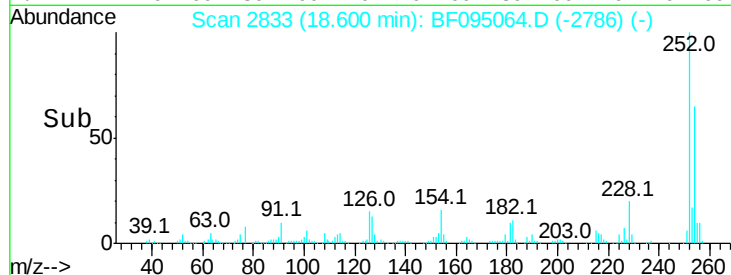
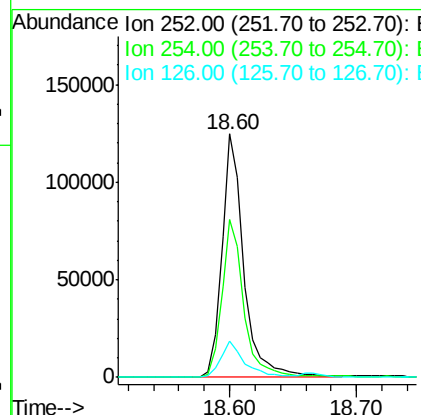
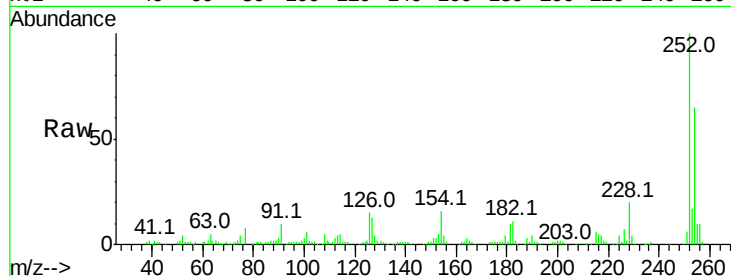
#81
 3,3'-Dichlorobenzidine
 Concen: 33.50 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion:	252	Resp:	151292
Ion Ratio		Lower	Upper
252	100		
254	64.9	51.5	77.3
126	14.9	15.8	23.8#

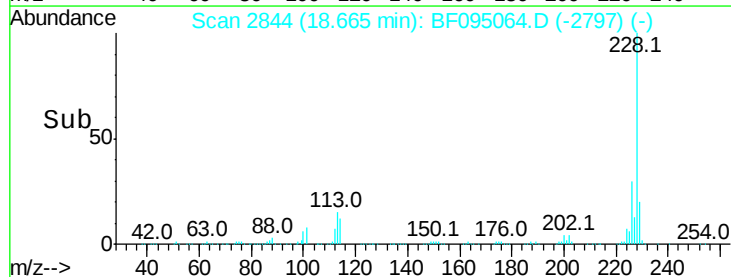
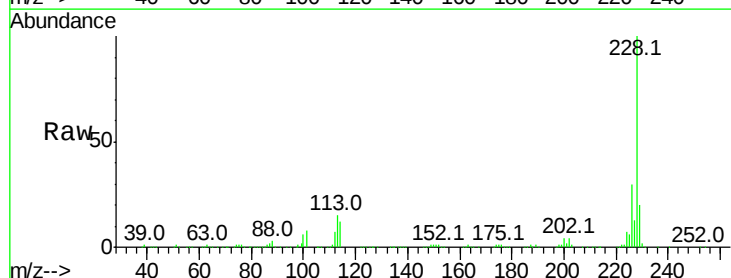
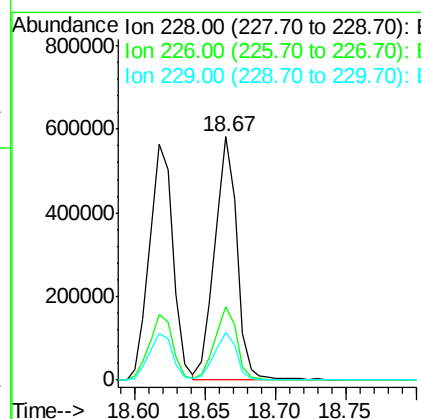
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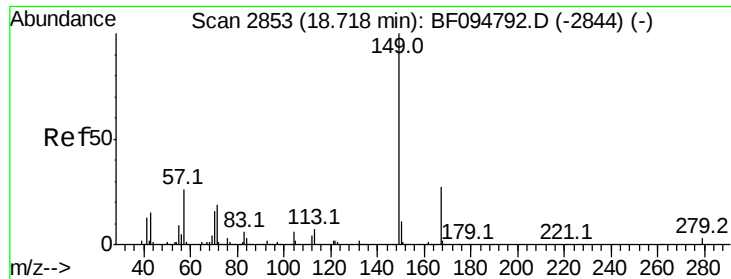
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#82
 Chrysene
 Concen: 50.36 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion:	228	Resp:	636812
Ion Ratio		Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	15.8	23.6





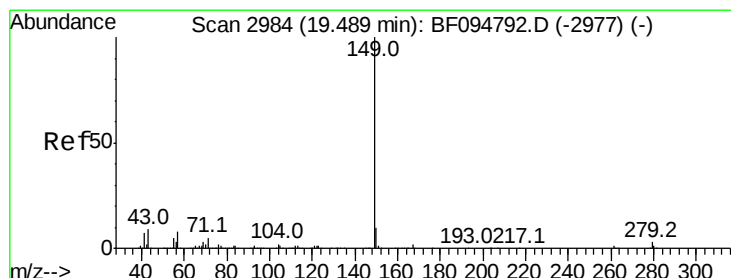
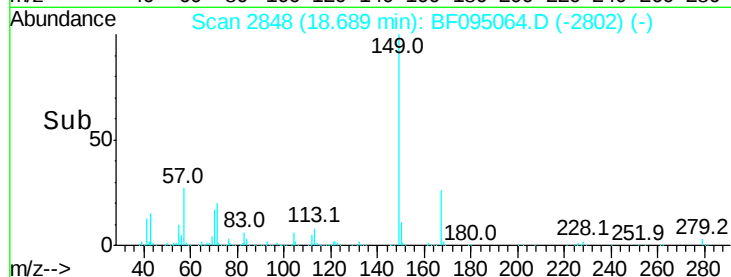
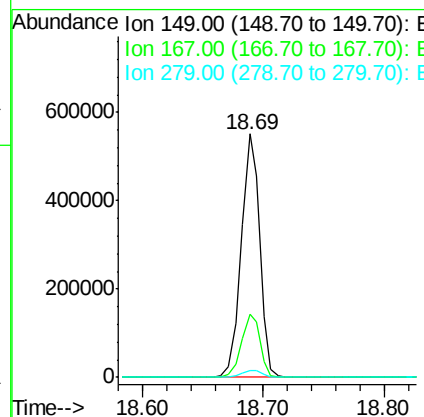
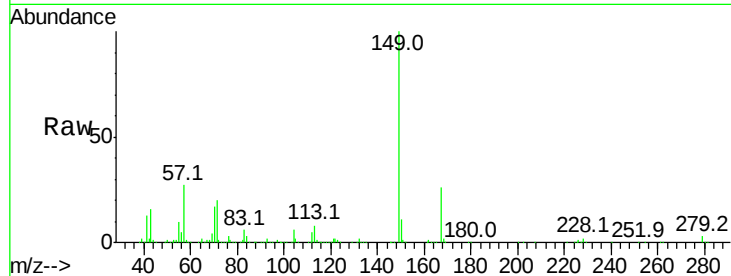
#83
Bis(2-ethylhexyl)phthalate
Concen: 53.31 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	593690		
167	26.1	21.0	31.4	
279	3.0	1.9	2.9#	

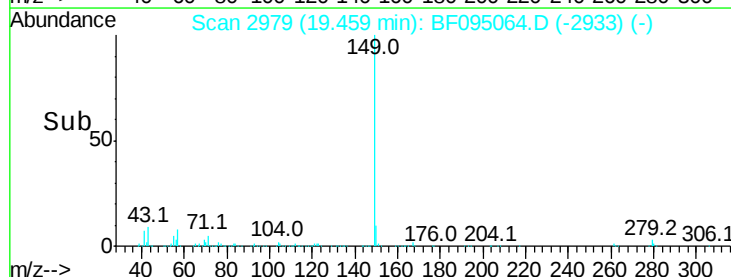
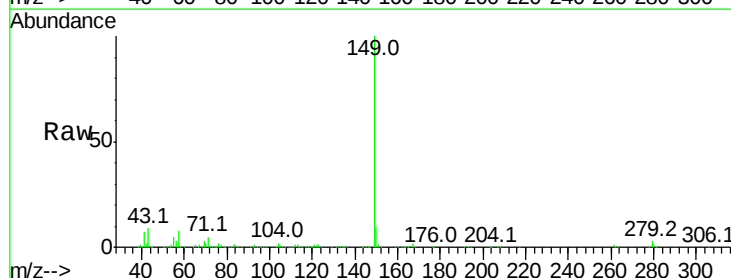
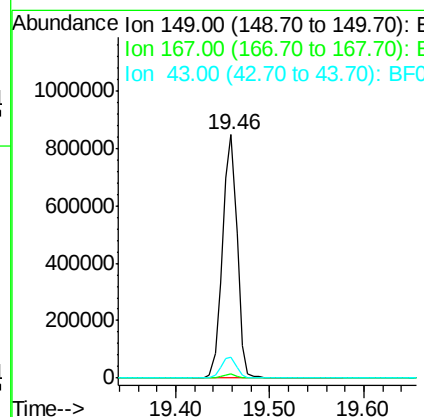
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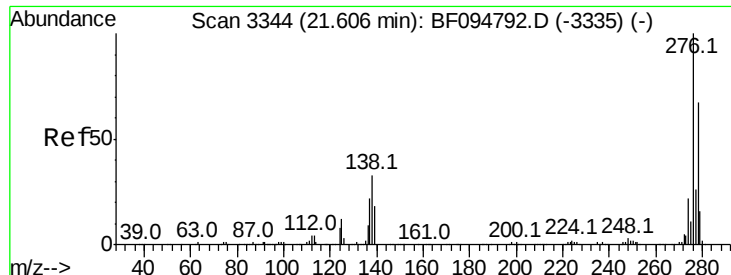
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#84
Di-n-octyl phthalate
Concen: 50.79 ng
RT: 19.46 min Scan# 2979
Delta R.T. -0.03 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	927422		
167	1.6	1.2	1.8	
43	8.8	8.5	12.7	





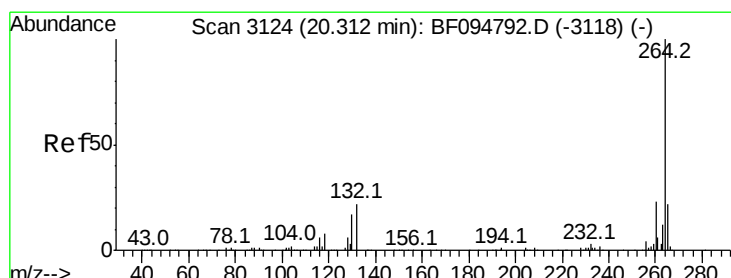
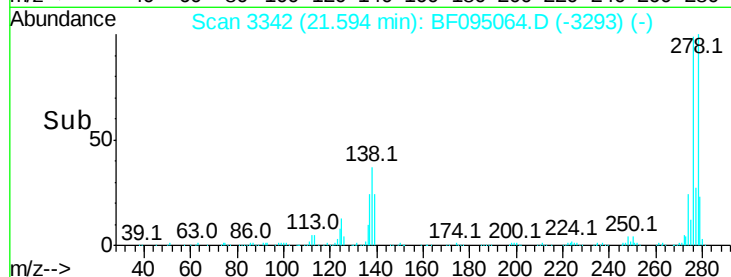
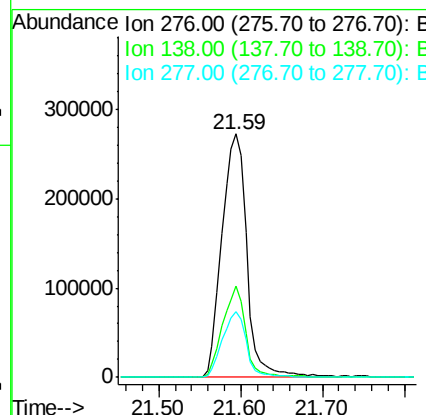
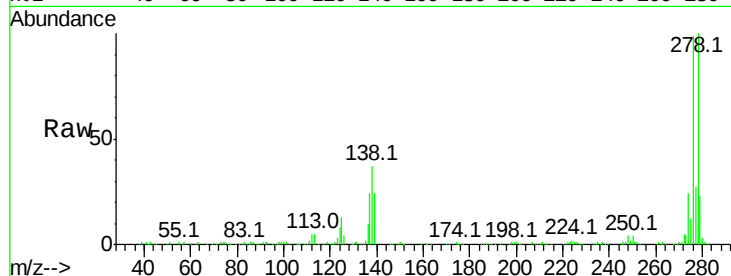
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.63 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.9	20.2	30.4

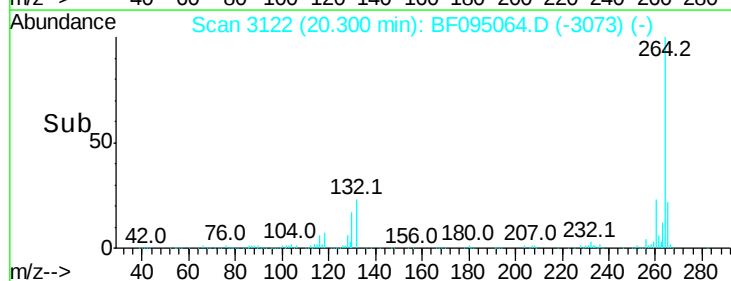
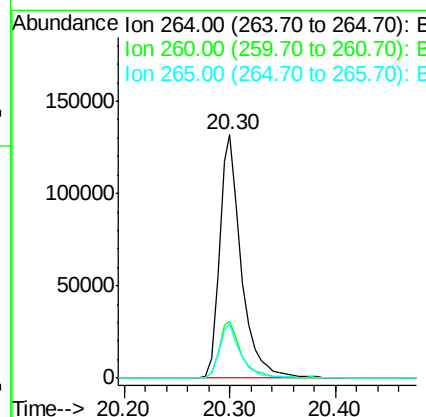
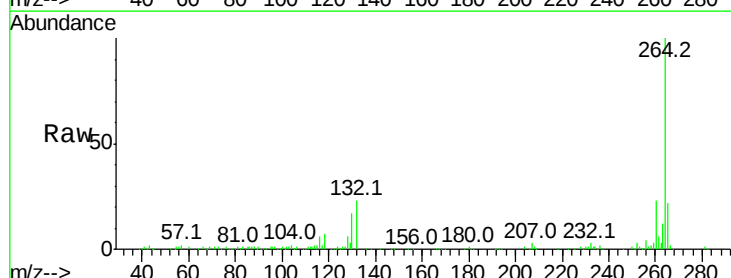
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.53 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

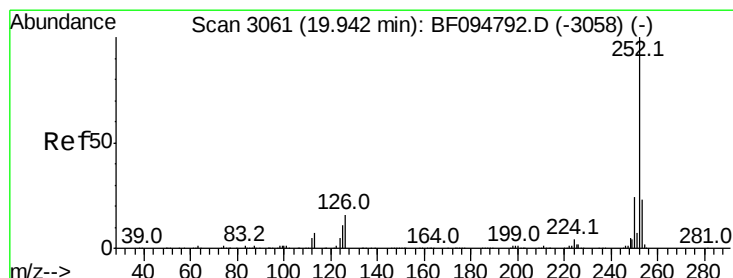
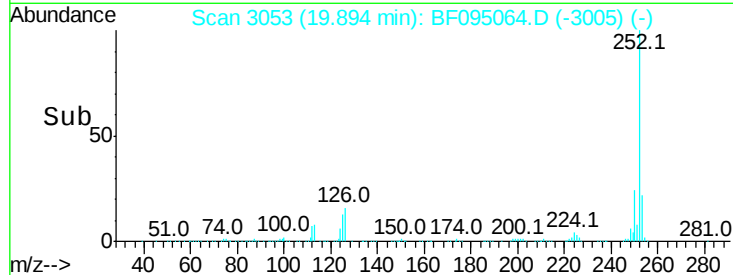
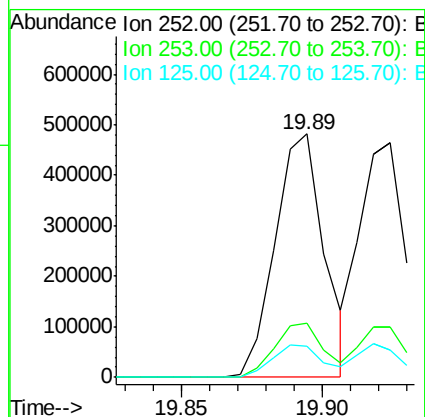
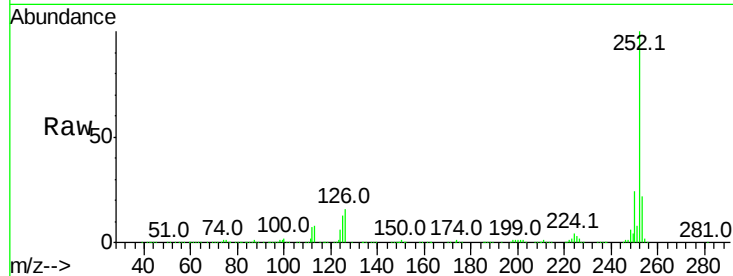
Instrument :
BNA_F

ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 48.36 ng

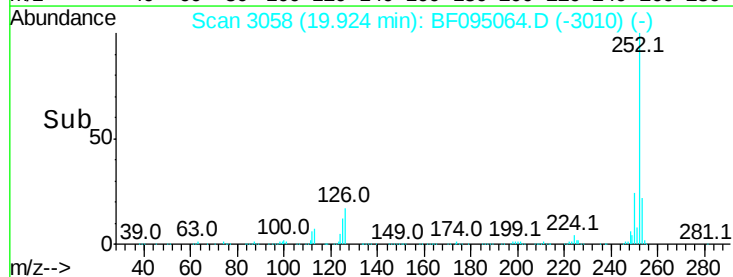
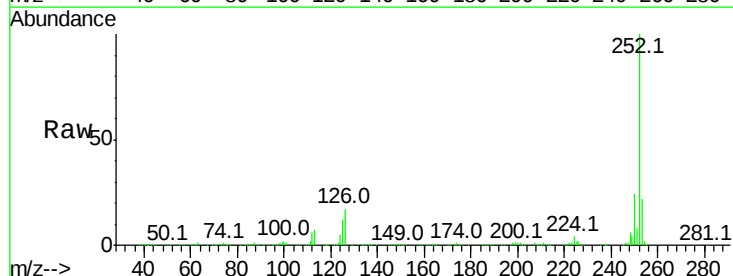
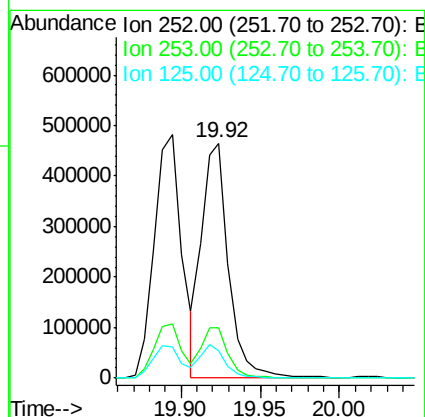
RT: 19.92 min Scan# 3058

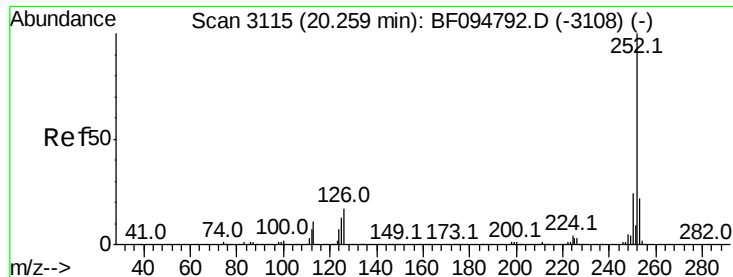
Delta R.T. -0.02 min

Lab File: BF095064.D

Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	11.6	13.1	19.7#





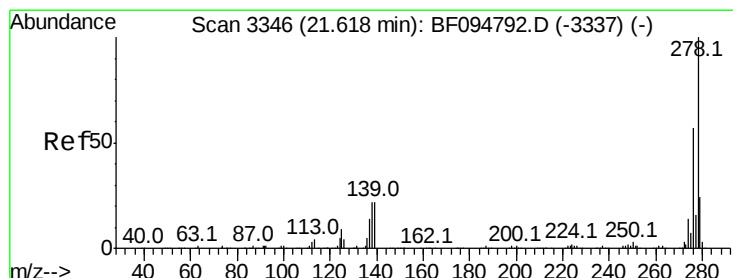
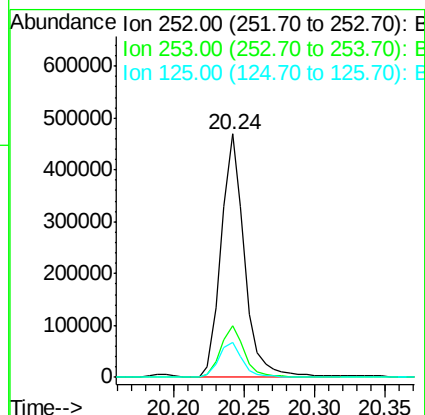
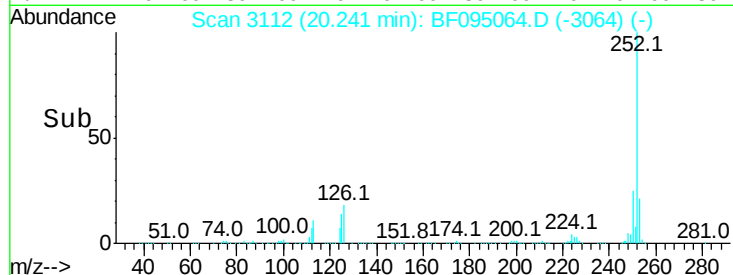
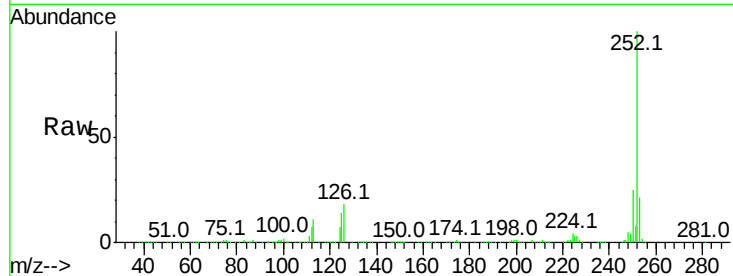
#89
Benzo(a)pyrene
Concen: 49.59 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Instrument :
BNA_F
ClientSampleId :
HY-SB423BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	14.3	11.0	16.4

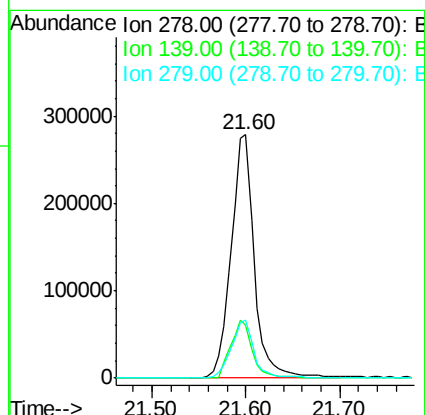
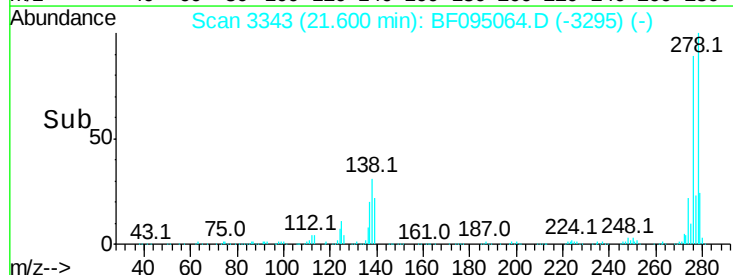
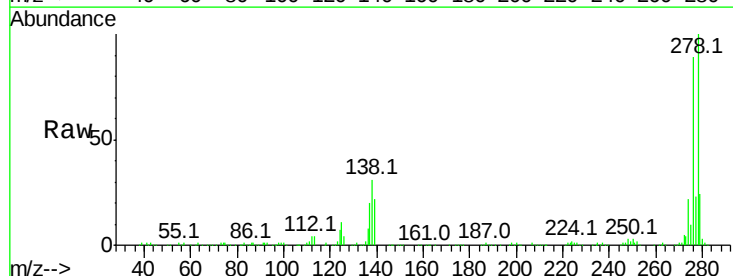
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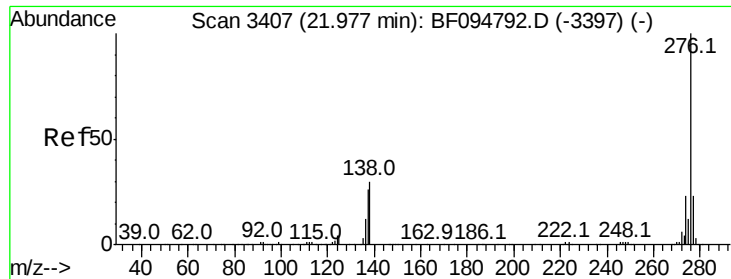
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#90
Dibenzo(a,h)anthracene
Concen: 53.50 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF095064.D
Acq: 10 May 2017 19:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 58.55 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF095064.D
 Acq: 10 May 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB423BMSD

Tot Ion:	276	Resp:	513735
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	27.3	25.4	38.0

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