

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094488.D
 Acq On : 18 Apr 2017 15:55
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 4/19/2017 1:33:10 PM

Quant Time: Apr 19 01:52:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113432	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	501469	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	228020	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	400570	20.00	ng	0.00
75) Chrysene-d12	14.47	240	386277	20.00	ng	0.00
86) Perylene-d12	16.09	264	340495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	608008	88.93	ng	0.01
7) Phenol-d6	5.40	99	650954	80.76	ng	0.00
23) Nitrobenzene-d5	6.42	82	610699	75.20	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	153368	85.99	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1158061	74.73	ng	0.00
78) Terphenyl-d14	13.20	244	1089150	75.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	176441	44.37	ng	95
3) Pyridine	2.61	79	380198	43.75	ng	99
4) n-Nitrosodimethylamine	2.56	42	147109	40.91	ng	85
6) Aniline	5.40	93	428122	39.97	ng	90
8) 2-Chlorophenol	5.54	128	320870	41.24	ng	96
9) Benzaldehyde	5.27	77	241011	39.31	ng	99
10) Phenol	5.41	94	397285	40.12	ng	95
11) bis(2-Chloroethyl)ether	5.48	93	297061	41.07	ng	97
12) 1,3-Dichlorobenzene	5.71	146	354399	41.12	ng	97
13) 1,4-Dichlorobenzene	5.79	146	359548	41.46	ng	95
14) 1,2-Dichlorobenzene	5.97	146	335115	41.95	ng	96
15) Benzyl Alcohol	5.95	79	246771	41.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	401573	42.34	ng	76
17) 2-Methylphenol	6.10	107	252944	41.28	ng	94
18) Hexachloroethane	6.35	117	125595	42.25	ng	# 84
19) n-Nitroso-di-n-propylamine	6.26	70	225434	42.21	ng	97
20) 3+4-Methylphenols	6.28	107	348196	41.82	ng	# 62
22) Acetophenone	6.25	105	450579	36.95	ng	# 86
24) Nitrobenzene	6.44	77	322960	37.76	ng	95
25) Isophorone	6.74	82	582298	38.68	ng	95
26) 2-Nitrophenol	6.82	139	178521	38.85	ng	99
27) 2,4-Dimethylphenol	6.90	122	291381	39.04	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	381626	39.19	ng	100
29) 2,4-Dichlorophenol	7.12	162	285799	41.16	ng	98
30) 1,2,4-Trichlorobenzene	7.21	180	283660	39.52	ng	99
31) Naphthalene	7.30	128	960646	39.85	ng	100
32) Benzoic acid	7.07	122	167513m	42.45	ng	
33) 4-Chloroaniline	7.37	127	408662	40.75	ng	95
34) Hexachlorobutadiene	7.45	225	145000	40.52	ng	98
35) Caprolactam	7.82	113	94503m	43.33	ng	
36) 4-Chloro-3-methylphenol	7.99	107	276330	37.98	ng	88
37) 2-Methylnaphthalene	8.14	142	665940	40.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258393	39.80	ng	100
40) Hexachlorocyclopentadiene	8.33	237	117387	44.69	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	177599	38.95	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	181136	38.68	nq	# 92
45) 1,1'-Biphenyl	8.71	154	744642	39.97	nq	97
46) 2-Chloronaphthalene	8.72	162	595727	40.22	nq	94
47) 2-Nitroaniline	8.86	65	176263	41.36	nq	# 84
48) Acenaphthylene	9.23	152	899781	38.96	nq	98
49) Dimethylphthalate	9.10	163	707573	41.64	nq	99
50) 2,6-Dinitrotoluene	9.17	165	157498	41.29	nq	# 88
51) Acenaphthene	9.44	154	542414	39.22	nq	99
52) 3-Nitroaniline	9.37	138	179413	40.66	nq	93
53) 2,4-Dinitrophenol	9.51	184	77958	40.71	nq	# 70
54) Dibenzofuran	9.65	168	815498	40.57	nq	99
55) 4-Nitrophenol	9.62	139	125133	40.14	nq	# 78
56) 2,4-Dinitrotoluene	9.67	165	202036	43.17	nq	95
57) Fluorene	10.08	166	643502	41.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	144366	43.01	nq	97
59) Diethylphthalate	9.97	149	689782	43.02	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	281061	43.14	nq	93
61) 4-Nitroaniline	10.12	138	168112	37.47	nq	99
62) Azobenzene	10.28	77	658516	42.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	116553	44.41	nq	# 71
65) n-Nitrosodiphenylamine	10.24	169	583764	41.90	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	170231	42.80	nq	97
67) Hexachlorobenzene	10.75	284	162051	40.43	nq	# 91
68) Atrazine	10.91	200	176928	42.45	nq	97
69) Pentachlorophenol	11.01	266	73960	46.47	nq	98
70) Phenanthrene	11.25	178	904644	40.10	nq	99
71) Anthracene	11.31	178	939381	40.26	nq	99
72) Carbazole	11.52	167	892892	40.77	nq	98
73) Di-n-butylphthalate	11.97	149	1064602	44.15	nq	99
74) Fluoranthene	12.71	202	976349	41.76	nq	99
76) Benzidine	12.89	184	570597	36.48	nq	96
77) Pyrene	12.99	202	1006395	37.29	nq	99
79) Butylbenzylphthalate	13.81	149	488422	41.30	nq	88
80) Benzo(a)anthracene	14.46	228	907498	40.42	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	327855	41.25	nq	# 96
82) Chrysene	14.51	228	842472	41.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	724576	45.63	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1194594	44.85	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	748812	38.35	nq	100
87) Benzo(b)fluoranthene	15.69	252	853235	40.96	nq	98
88) Benzo(k)fluoranthene	15.72	252	796173	40.39	nq	96
89) Benzo(a)pyrene	16.04	252	779318	40.22	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	622413	38.68	nq	98
91) Benzo(g,h,i)perylene	17.74	276	590540	36.05	nq	97

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

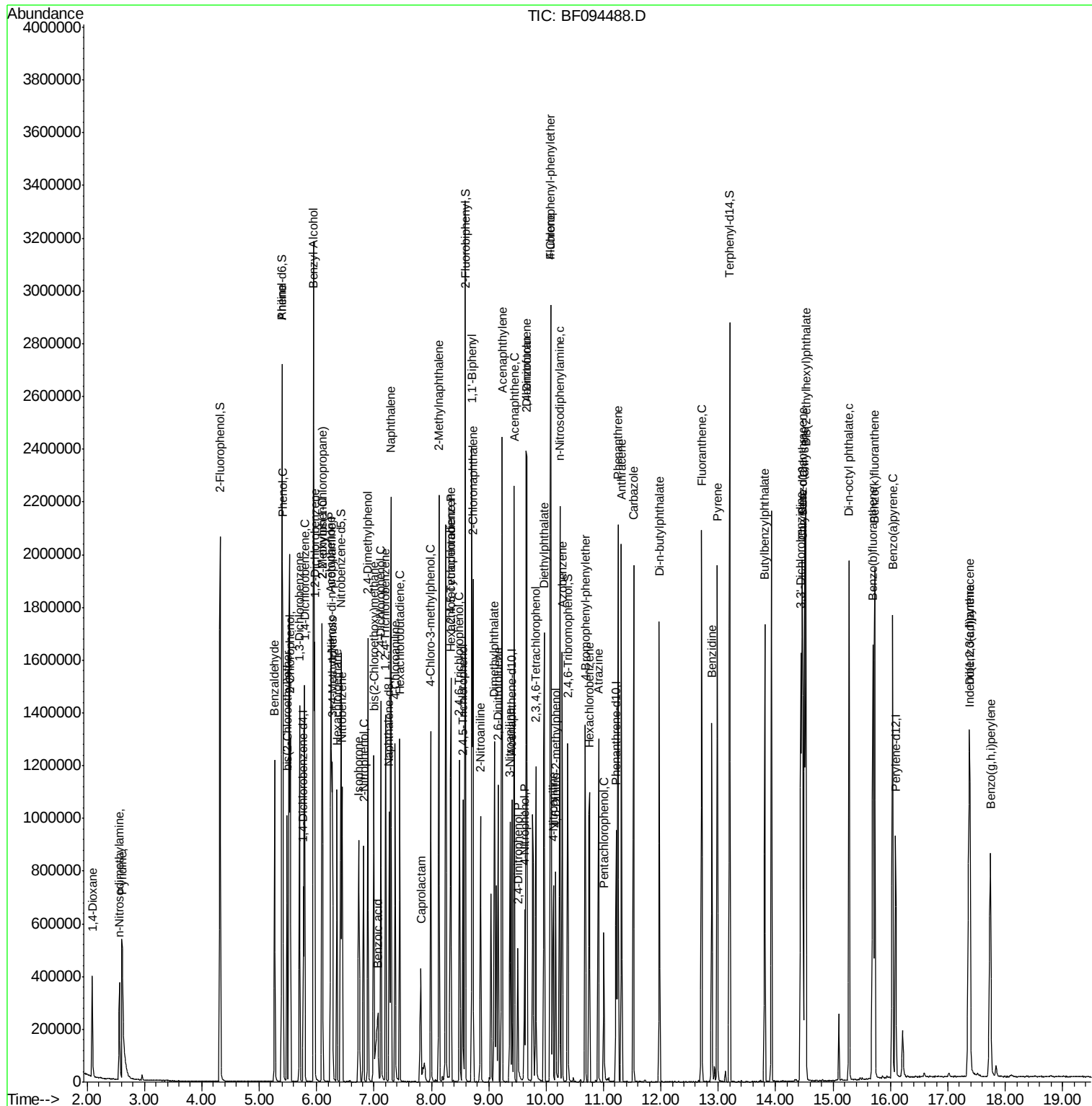
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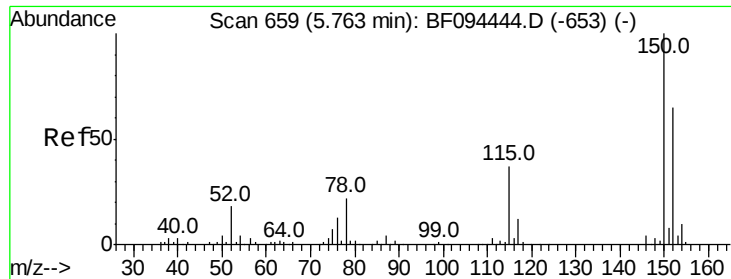
Instrument :
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#1

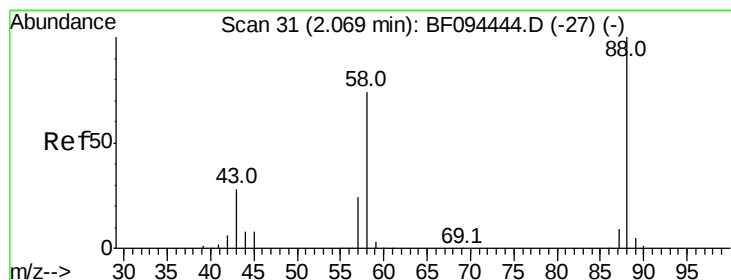
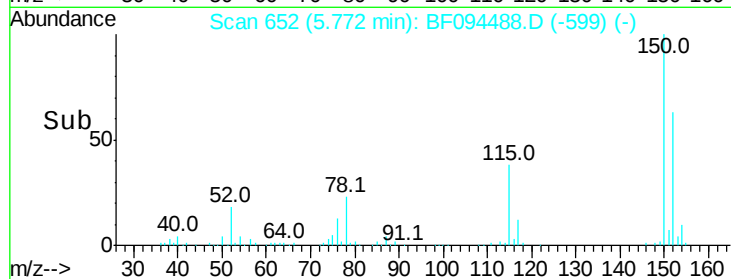
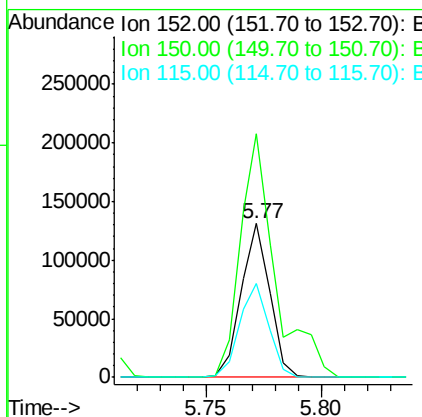
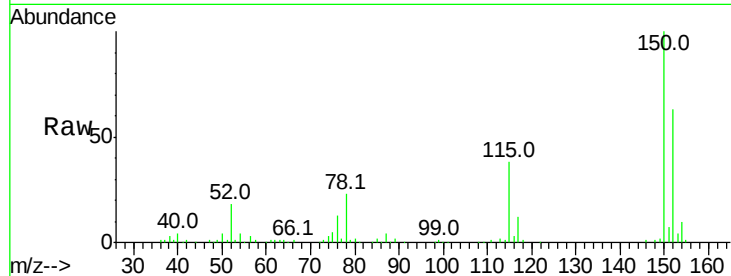
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	61.0	52.2	78.2

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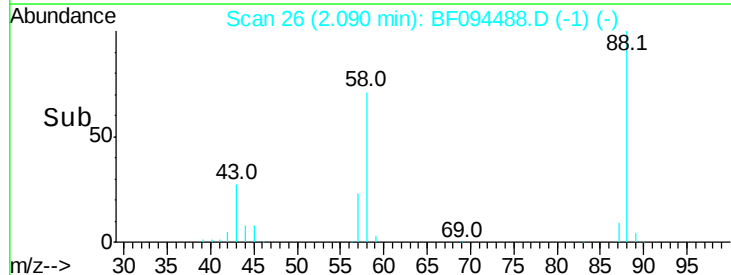
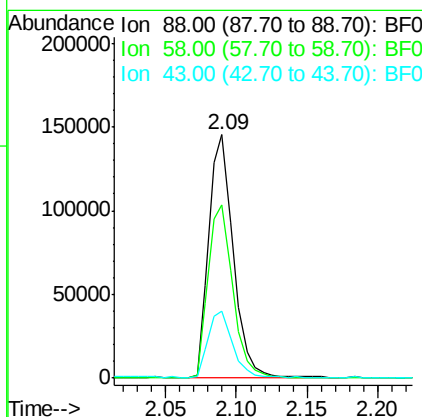
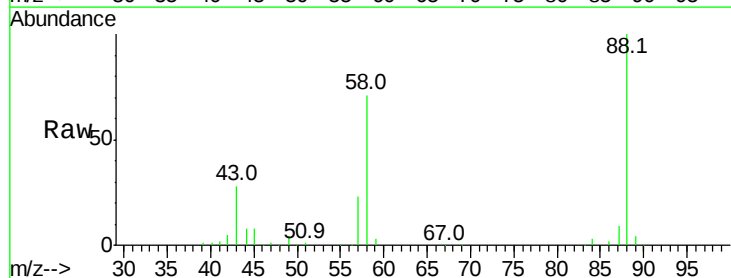
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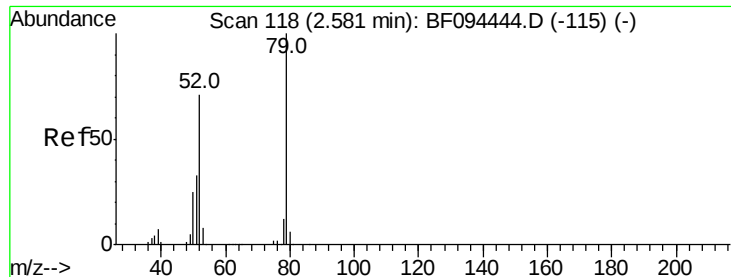


#2

1,4-Dioxane
Concen: 44.37 ng
RT: 2.09 min Scan# 26
Delta R.T. 0.02 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	61.4	92.0
43	27.2	23.4	35.0





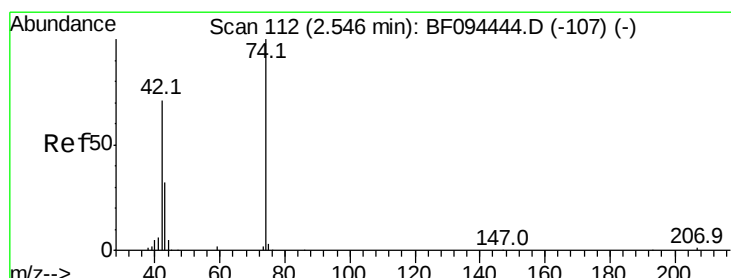
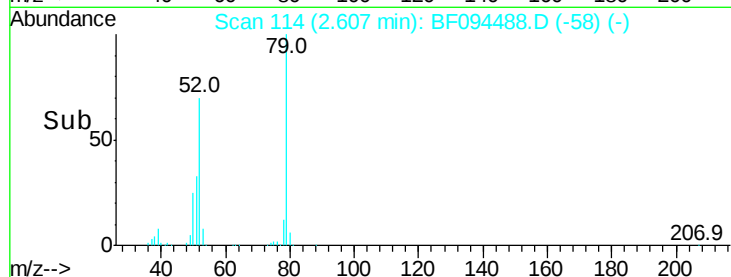
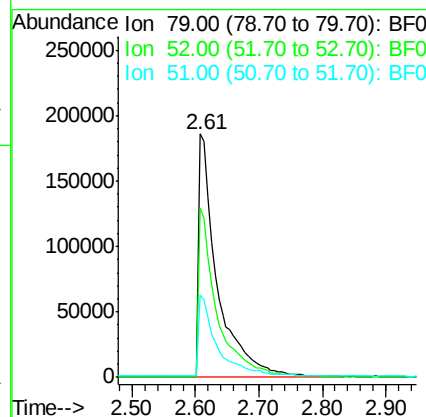
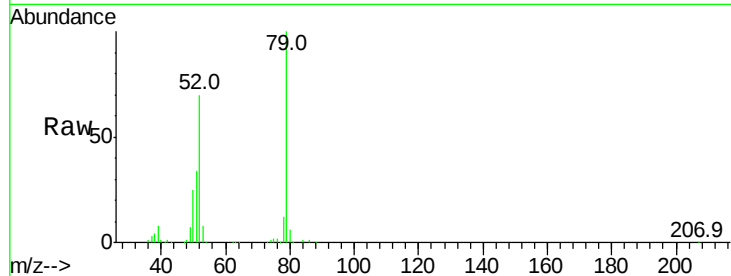
#3
 Pvridine
 Concen: 43.75 ng
 RT: 2.61 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	54.8	82.2
51	34.0	27.0	40.4

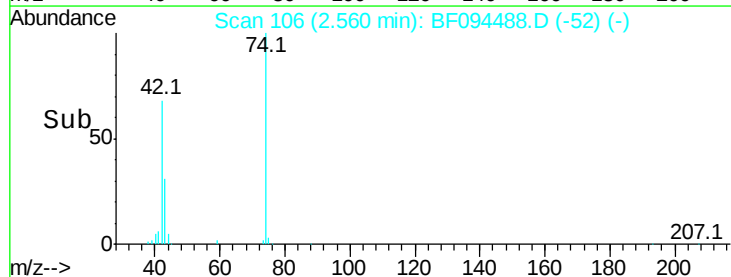
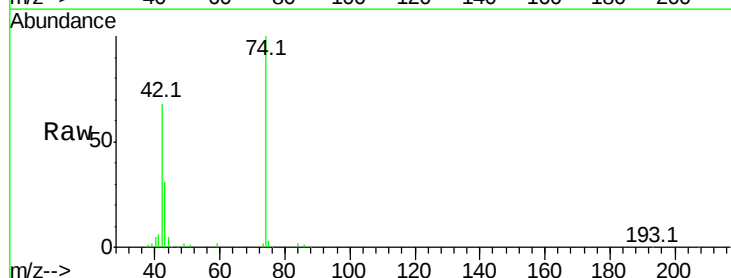
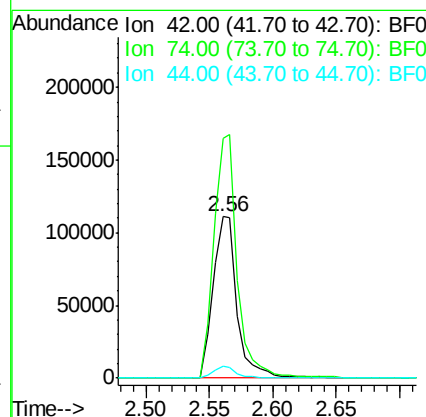
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#4
 n-Nitrosodimethylamine
 Concen: 40.91 ng
 RT: 2.56 min Scan# 106
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.0	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 88.93 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

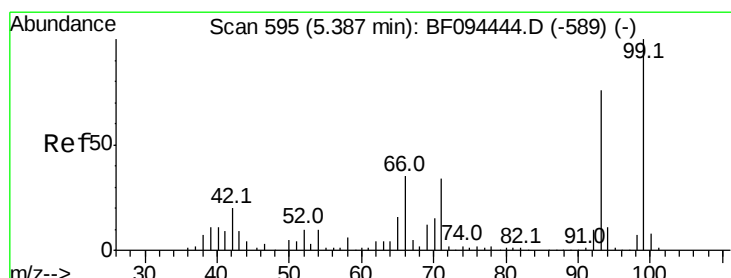
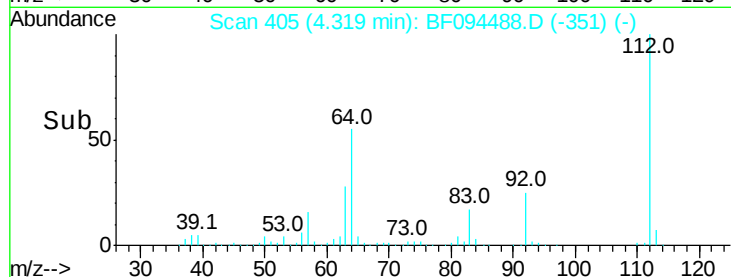
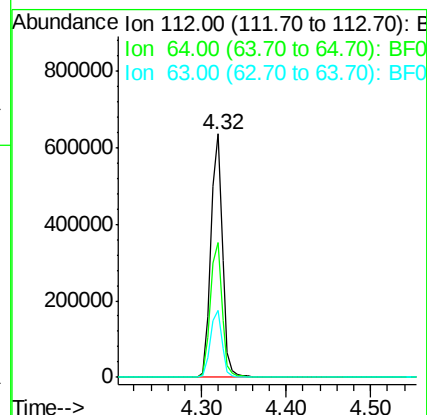
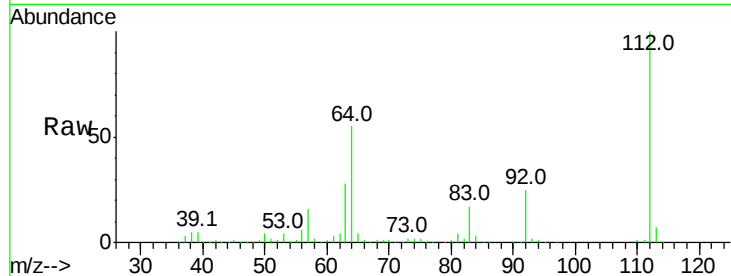
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	608008
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.5	23.4	35.0

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#6

Aniline

Concen: 39.97 ng

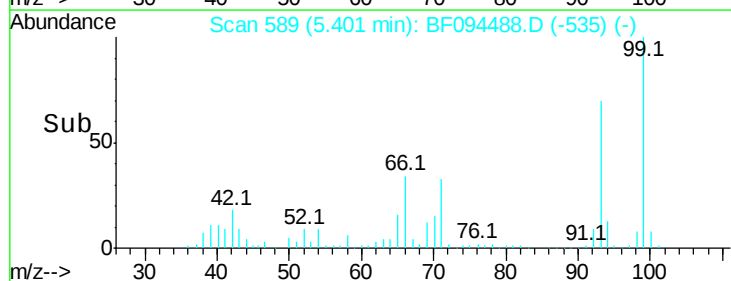
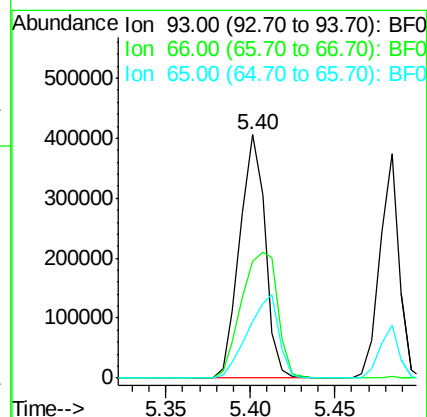
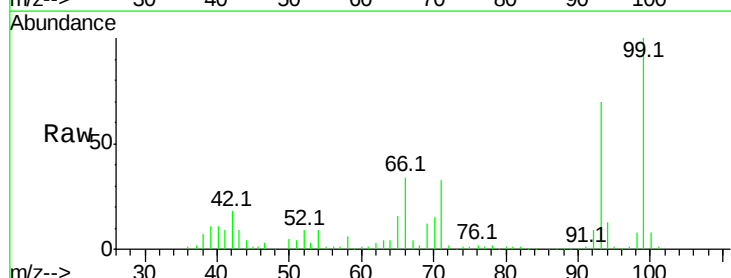
RT: 5.40 min Scan# 589

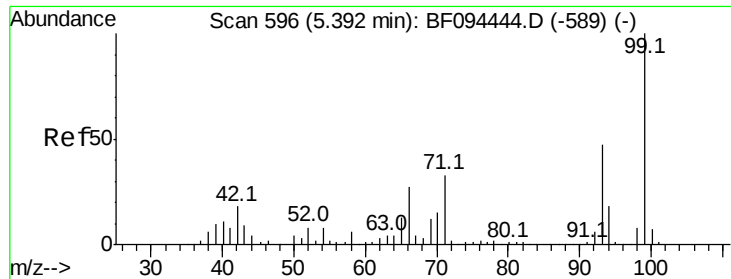
Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:	93	Resp:	428122
Ion Ratio	Lower	Upper	
93	100		
66	48.3	32.9	49.3
65	23.3	16.0	24.0





#7

Phenol-d6

Concen: 80.76 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

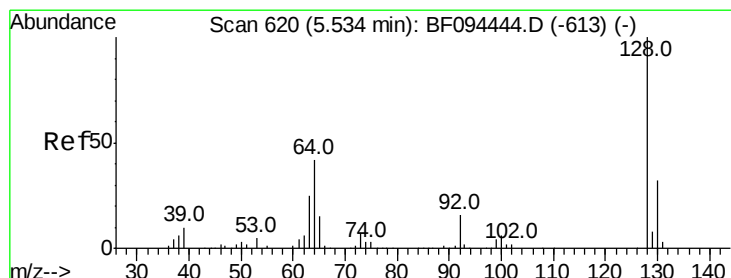
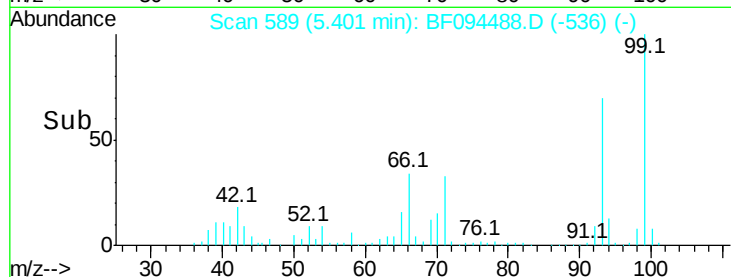
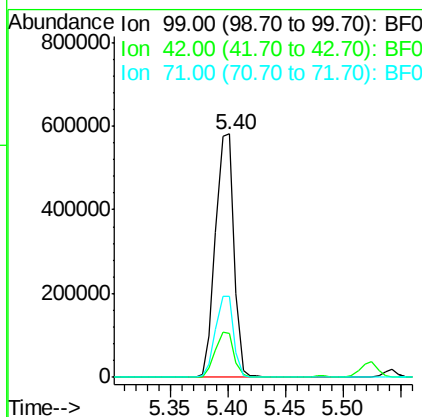
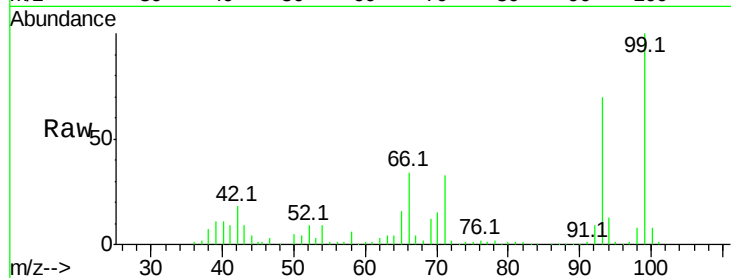
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	650954
Ion Ratio	Lower	Upper	
99	100		
42	17.9	13.5	20.3
71	33.1	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.24 ng

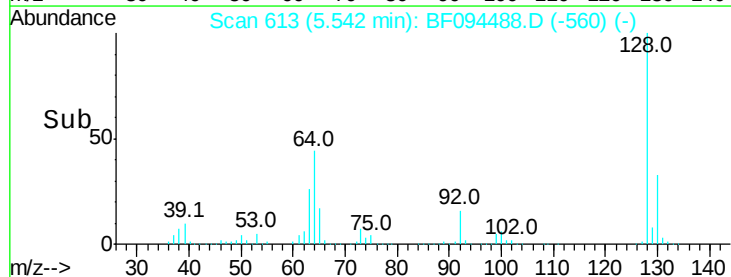
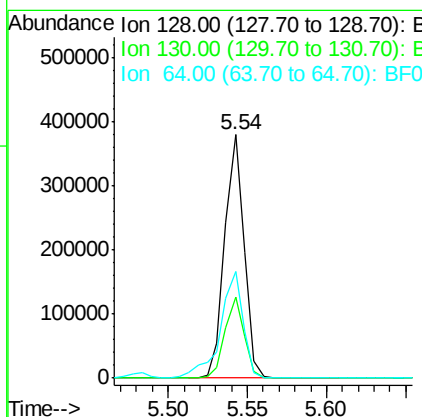
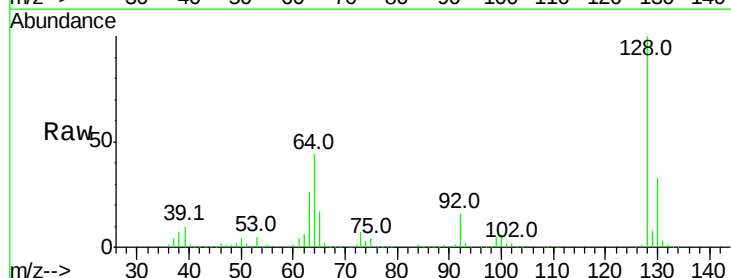
RT: 5.54 min Scan# 613

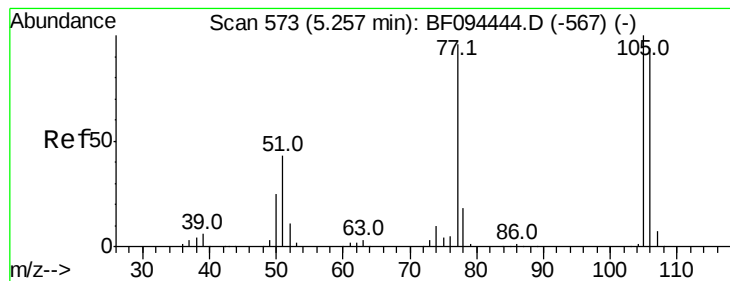
Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:	128	Resp:	320870
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.9	52.9
64	44.0	28.4	68.4





#9

Benzaldehyde

Concen: 39.31 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

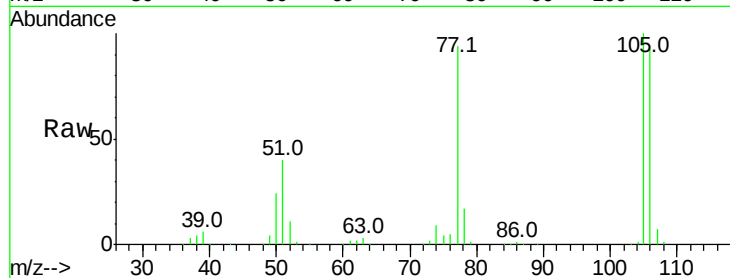
ClientSampleId :

SSTDCCC040EC

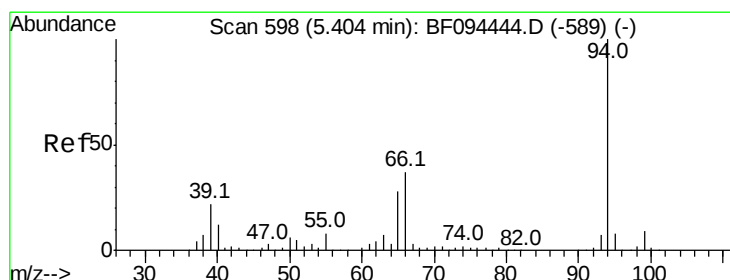
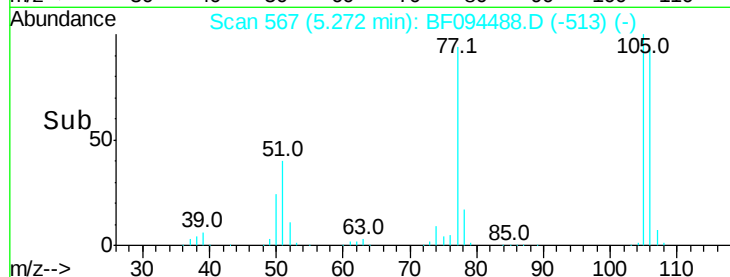
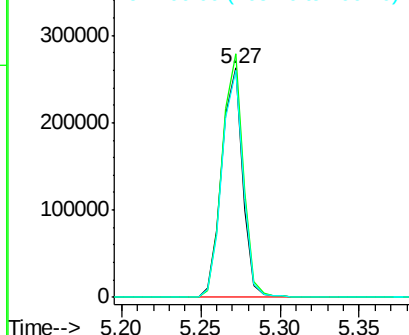
Tot Ion:	77	Resp:	241011
Ion Ratio	Lower	Upper	
77	100		
105	106.1	83.8	123.8
106	98.7	79.1	119.1

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.12 ng

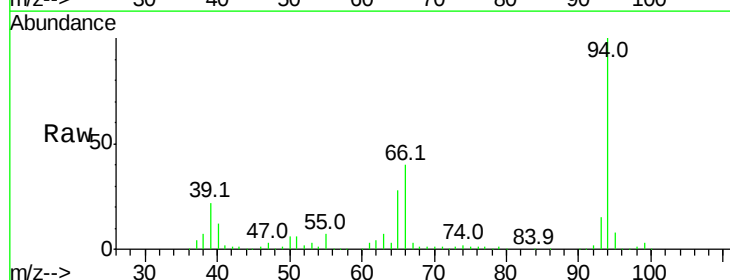
RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

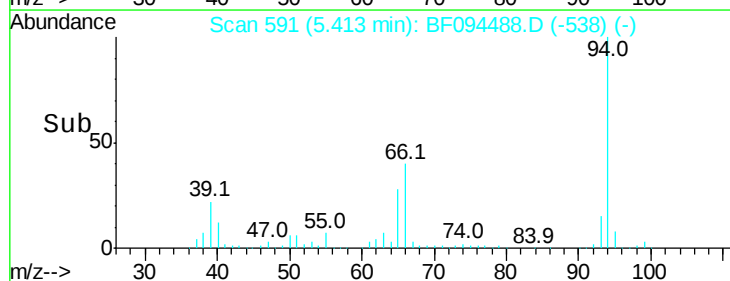
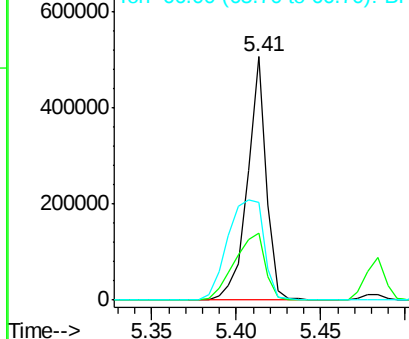
Lab File: BF094488.D

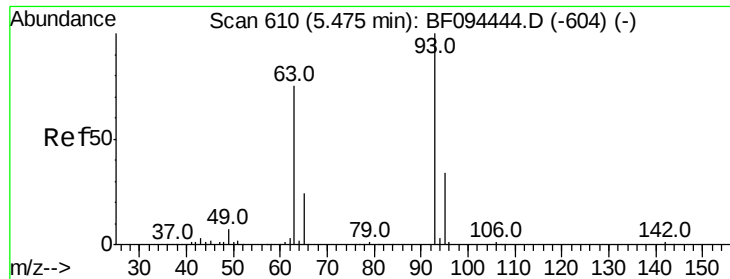
Acq: 18 Apr 2017 15:55

Tgt Ion:	94	Resp:	397285
Ion Ratio	Lower	Upper	
94	100		
65	27.6	9.9	49.9
66	39.9	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





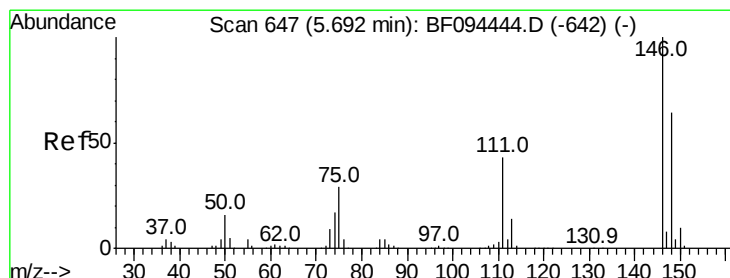
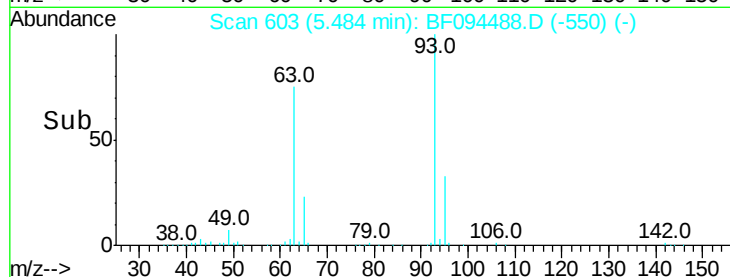
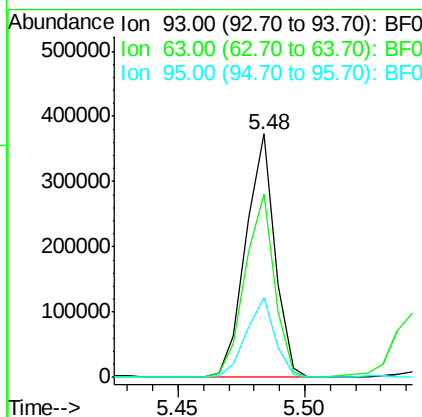
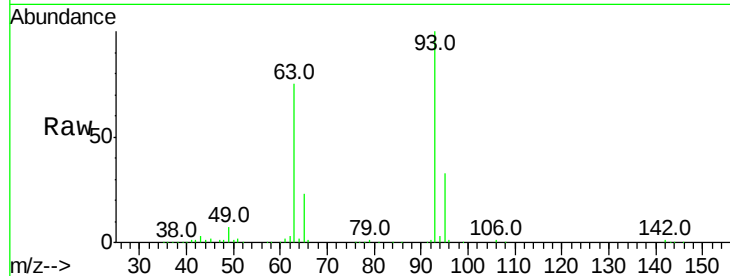
#11
bis(2-Chloroethyl)ether
Concen: 41.07 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	297061
Ion Ratio	Lower	Upper	
93	100		
63	75.4	59.2	99.2
95	32.7	12.8	52.8

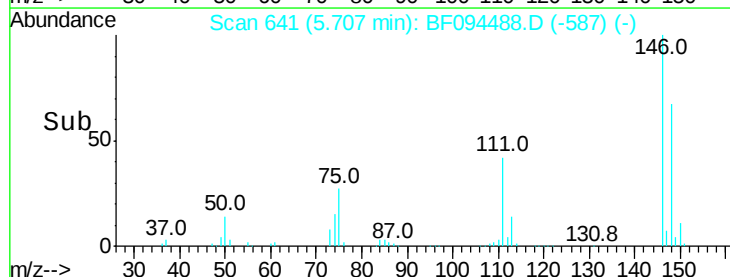
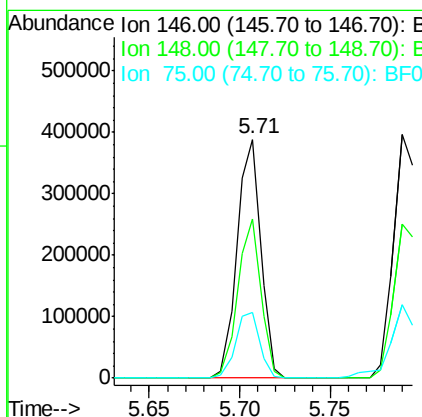
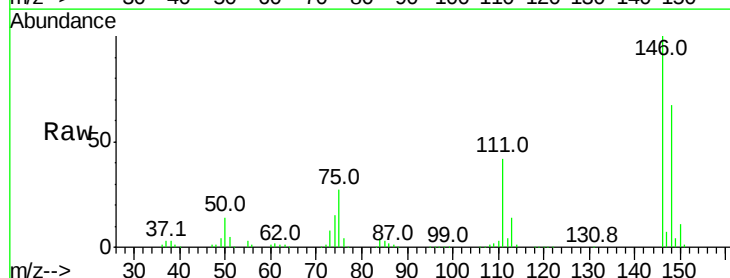
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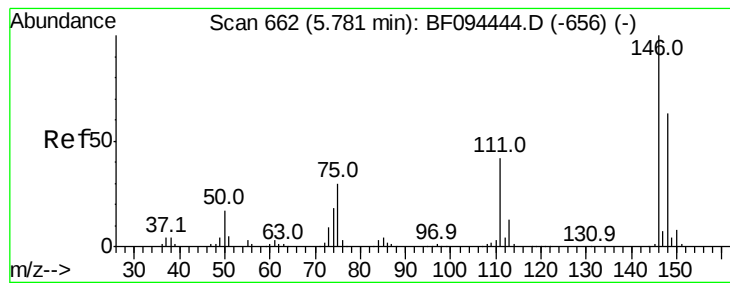
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.12 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion:	146	Resp:	354399
Ion Ratio	Lower	Upper	
146	100		
148	66.6	51.8	77.6
75	27.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.46 ng

RT: 5.79 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

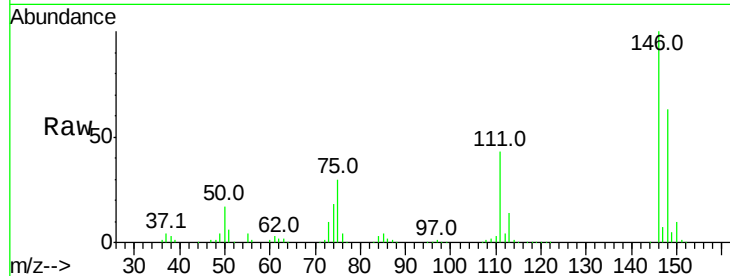
ClientSampleId :

SSTDCCC040EC

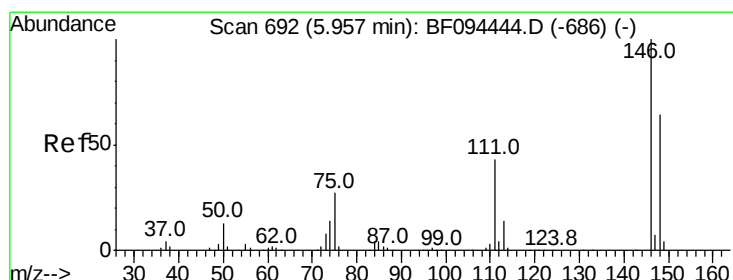
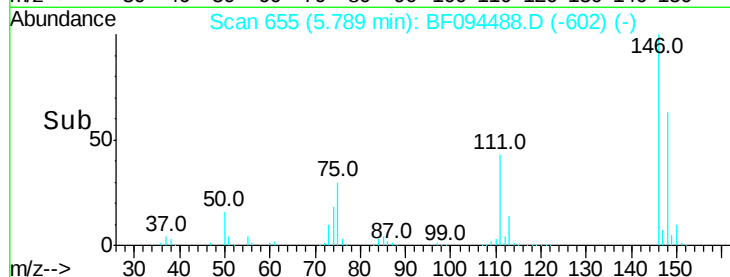
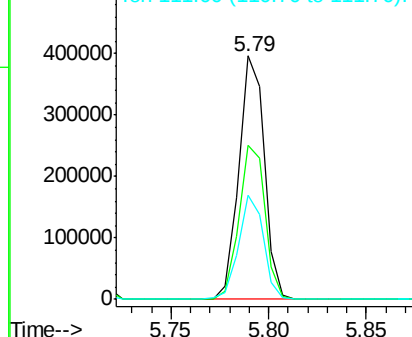
Tot Ion:	146	Resp:	359548
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	42.6	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.95 ng

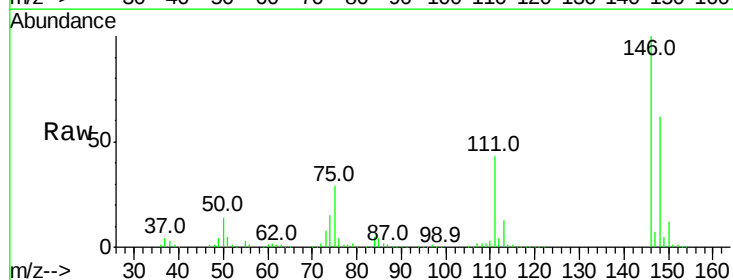
RT: 5.97 min Scan# 685

Delta R.T. 0.01 min

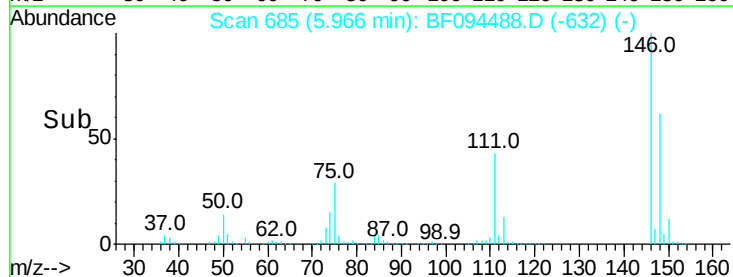
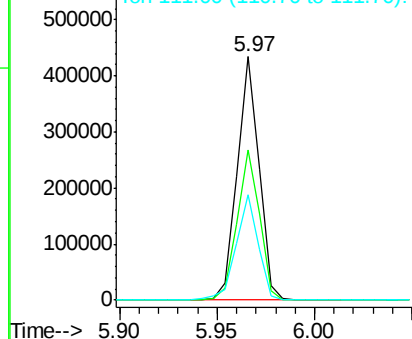
Lab File: BF094488.D

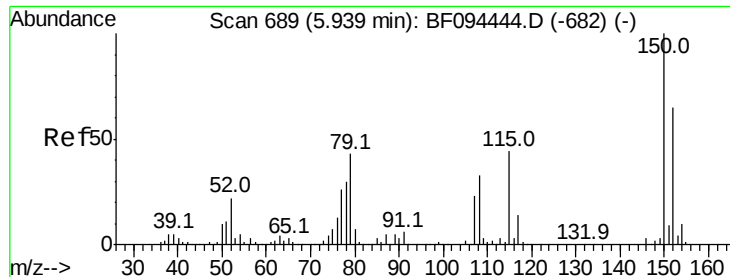
Acq: 18 Apr 2017 15:55

Tgt Ion:	146	Resp:	335115
Ion Ratio	Lower	Upper	
146	100		
148	61.7	50.4	75.6
111	43.1	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.27 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 246771

Ion Ratio Lower Upper

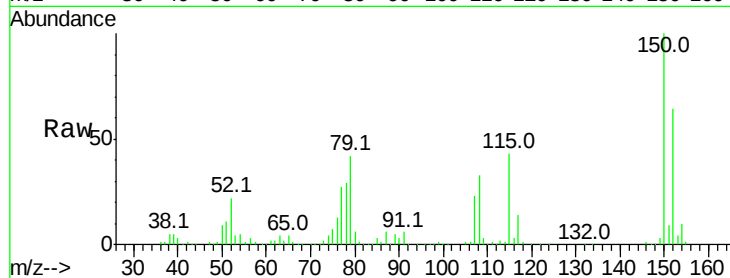
79 100

108 77.7 63.4 95.0

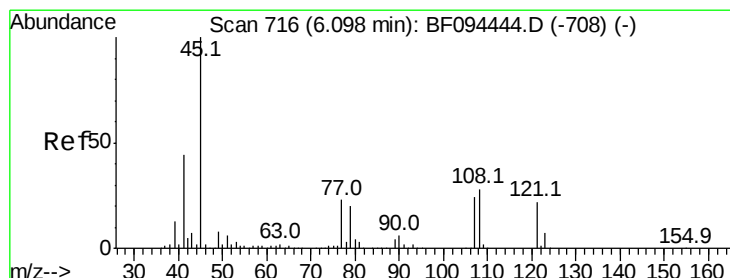
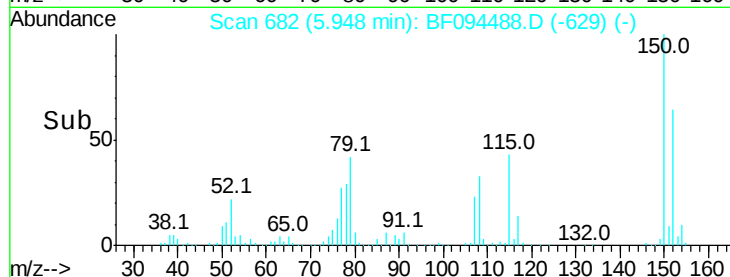
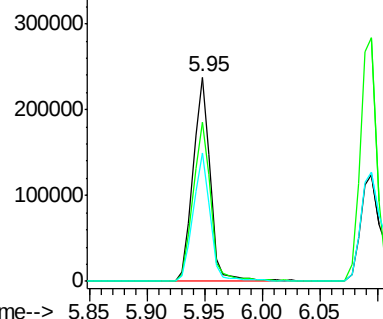
77 62.9 49.2 73.8

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.34 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

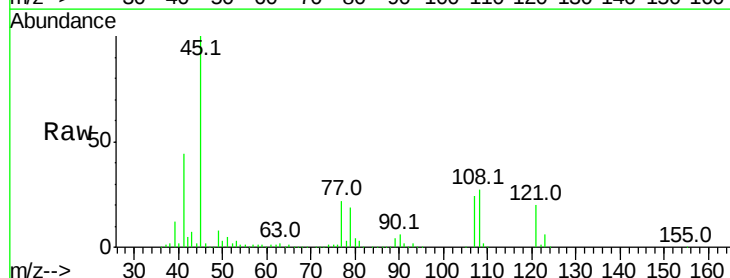
Tgt Ion: 45 Resp: 401573

Ion Ratio Lower Upper

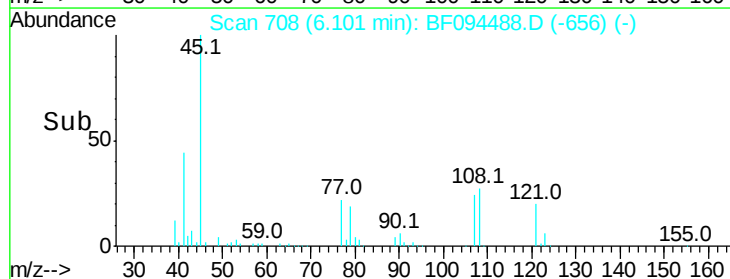
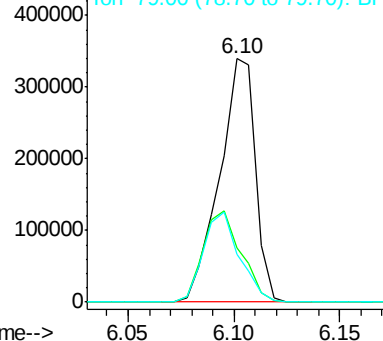
45 100

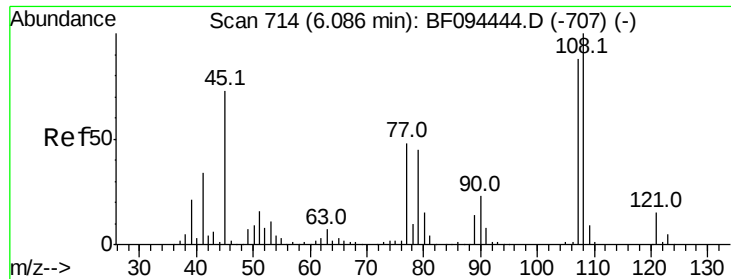
77 22.4 0.0 33.2

79 19.4 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.28 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

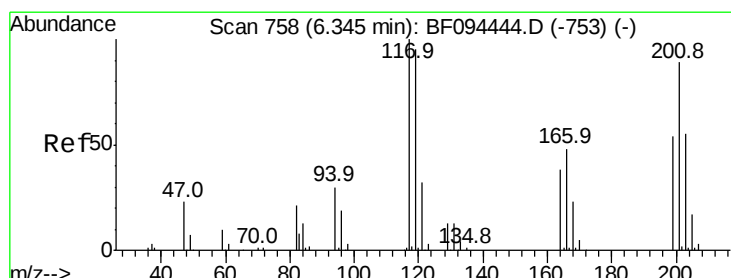
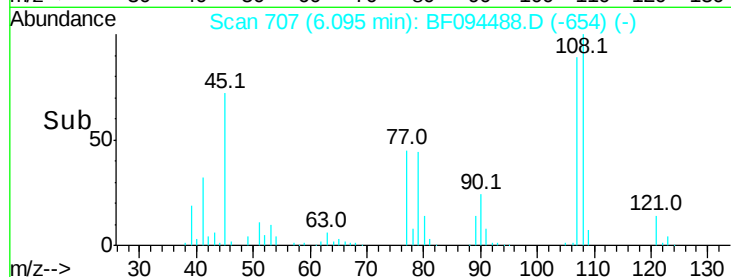
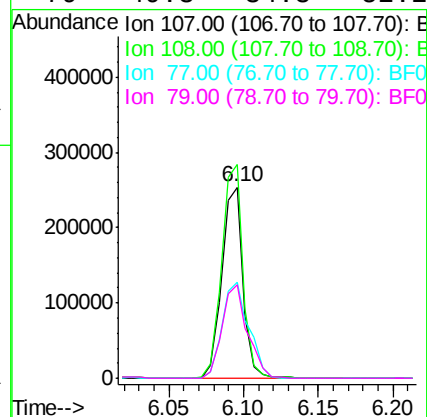
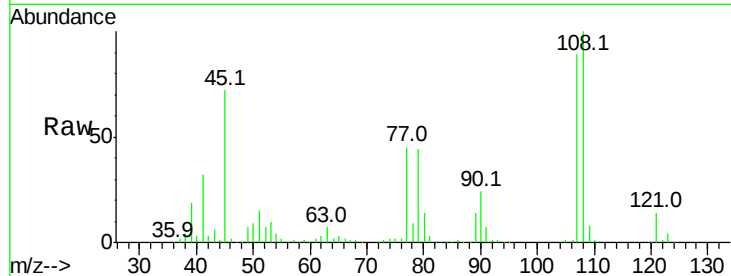
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.4	140.0
77	50.5	35.8	53.6
79	49.3	34.8	52.2

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#18

Hexachloroethane

Concen: 42.25 ng

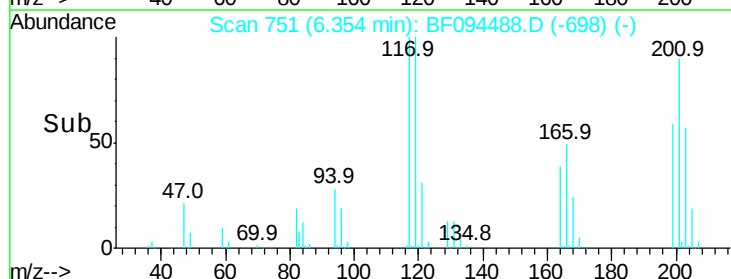
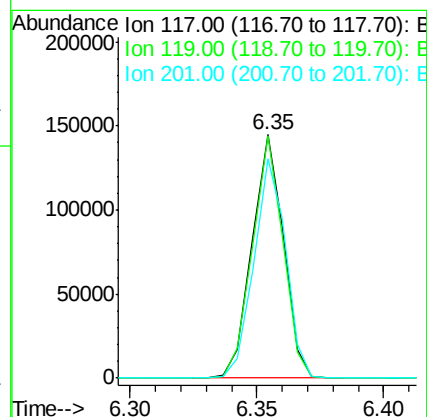
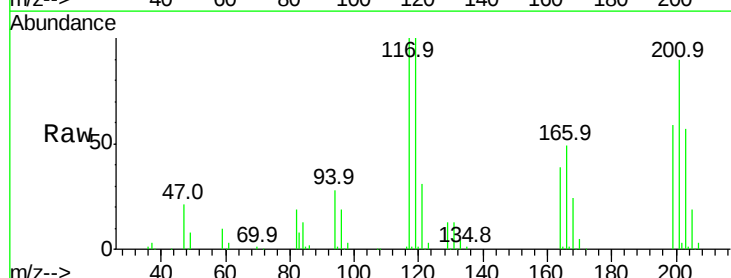
RT: 6.35 min Scan# 751

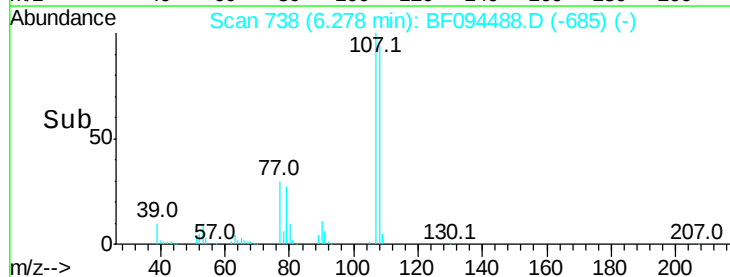
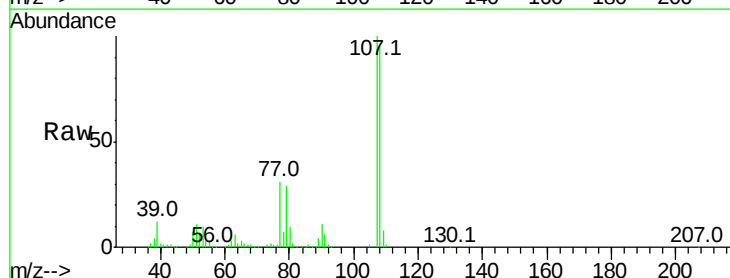
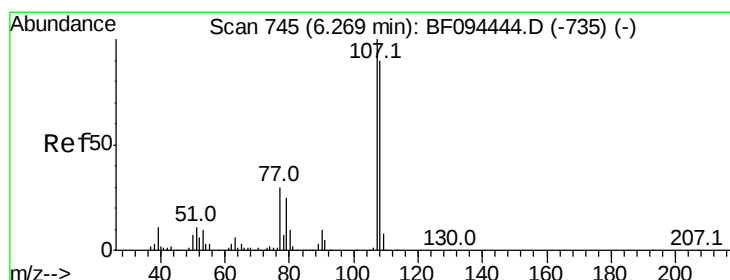
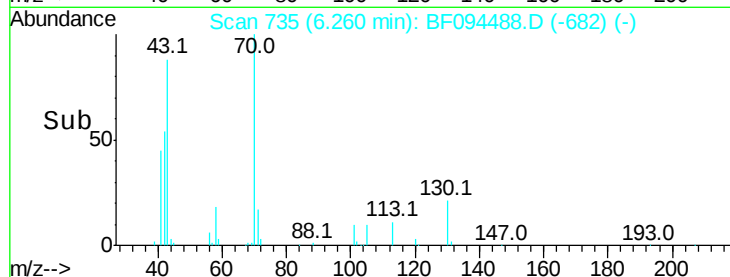
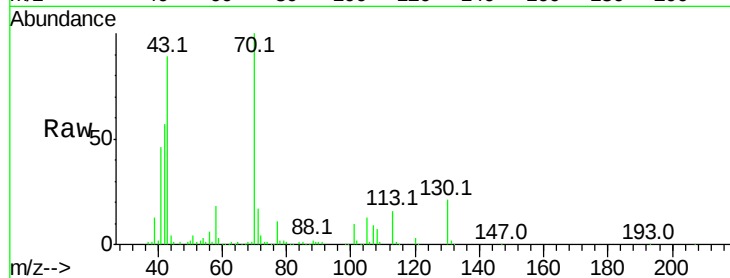
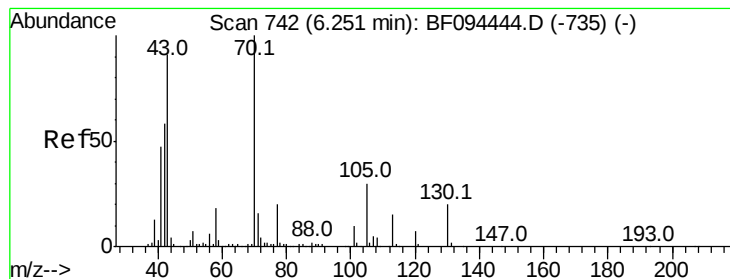
Delta R.T. 0.01 min

Lab File: BF094488.D

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Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.4	116.0
201	89.9	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.21 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 225434

Ion Ratio Lower Upper

70 100

42 57.0 47.2 70.8

101 10.3 7.2 10.8

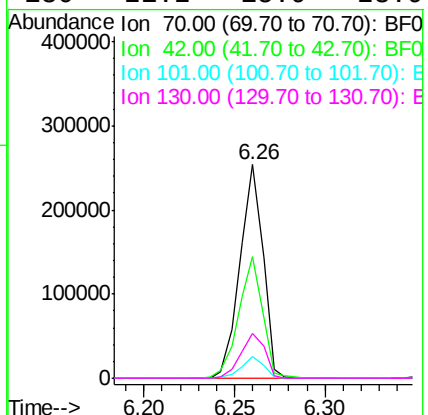
130 21.2 15.9 23.9

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#20

3+4-Methylphenols

Concen: 41.82 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:107 Resp: 348196

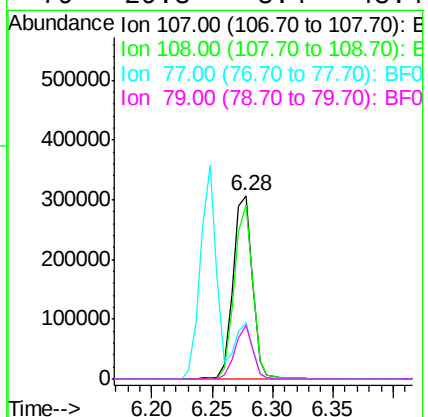
Ion Ratio Lower Upper

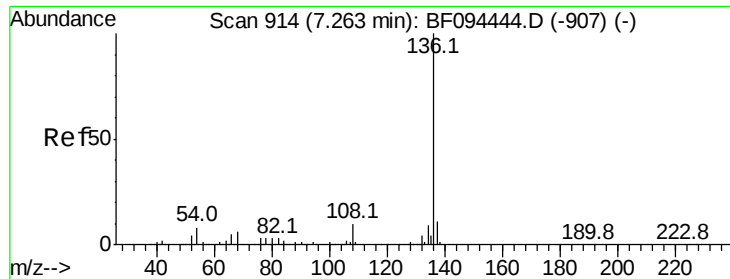
107 100

108 95.3 71.0 111.0

77 30.7 90.5 130.5#

79 29.3 8.4 48.4





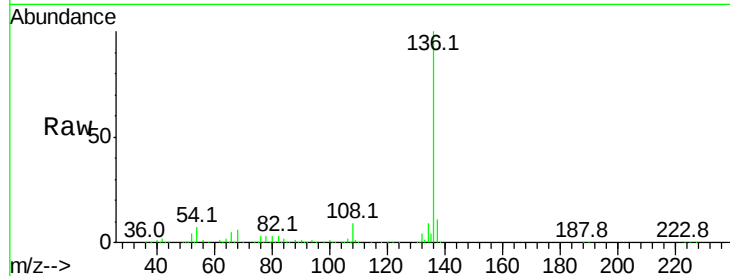
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

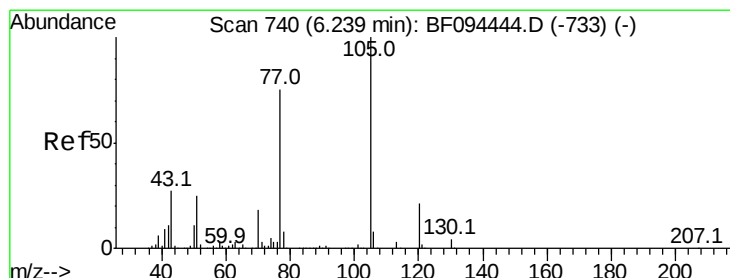
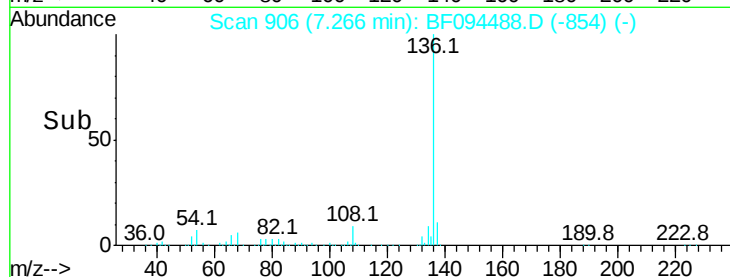
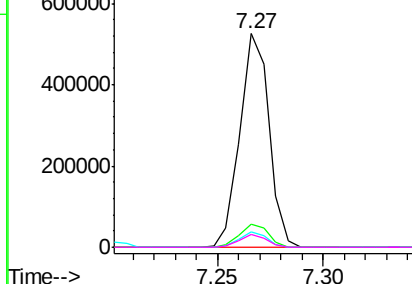
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	7.4	4.9	7.3#	
68	5.8	4.1	6.1	

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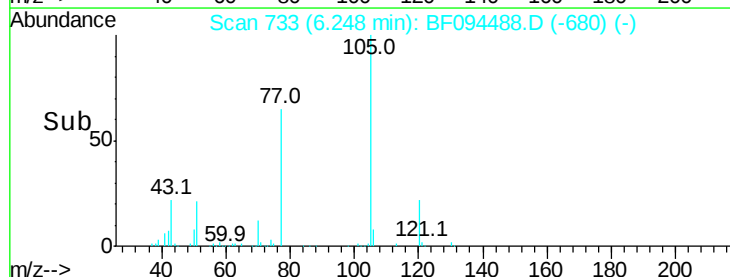
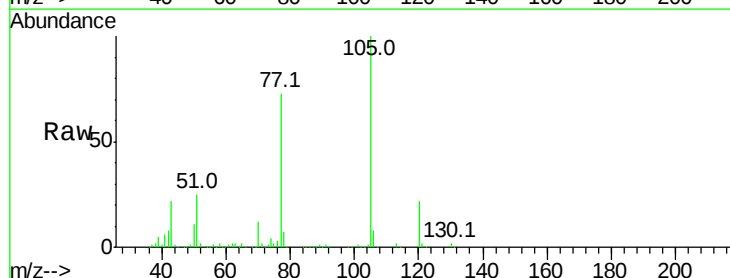
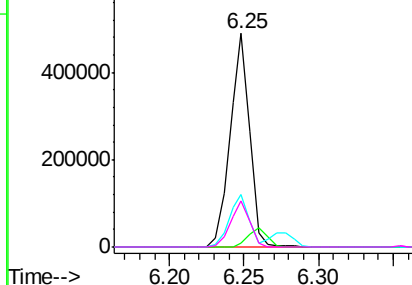
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

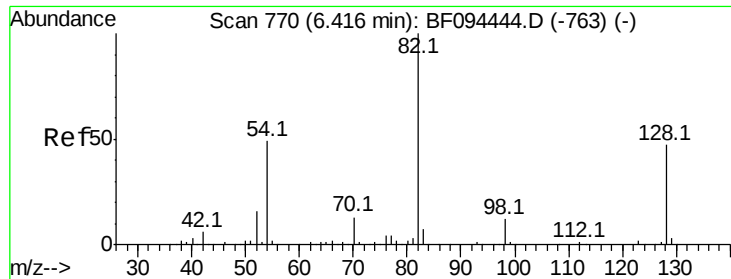


#22
Acetophenone
Concen: 36.95 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	2.8	4.2#	
51	24.6	30.7	46.1#	
120	21.7	17.4	26.0	

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





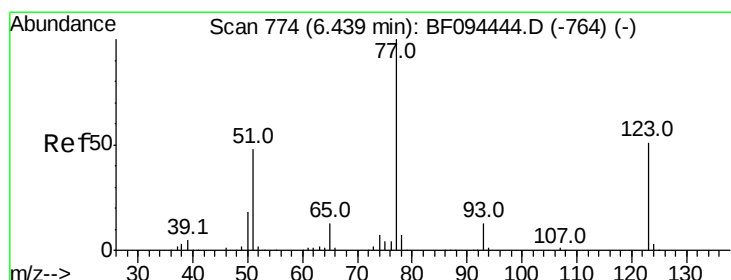
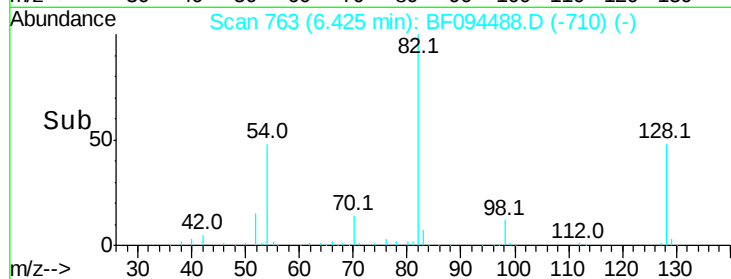
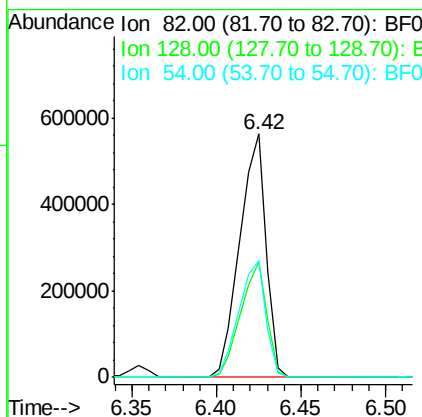
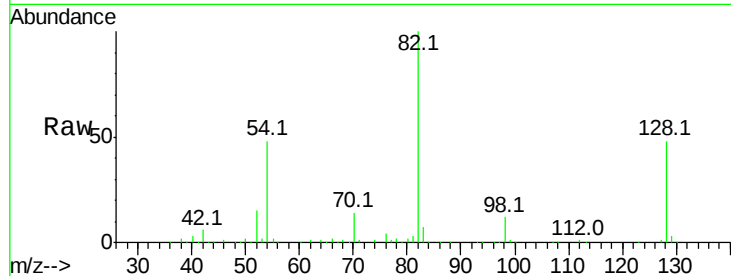
#23
 Nitrobenzene-d5
 Concen: 75.20 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	48.1	42.2	63.2

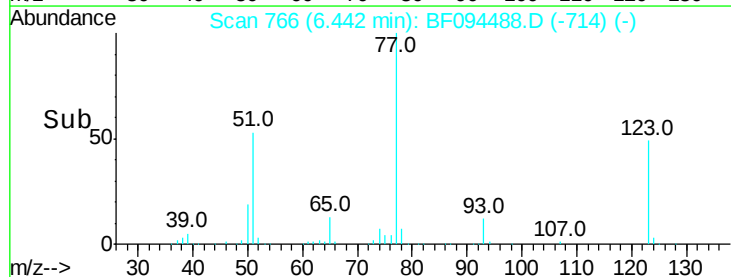
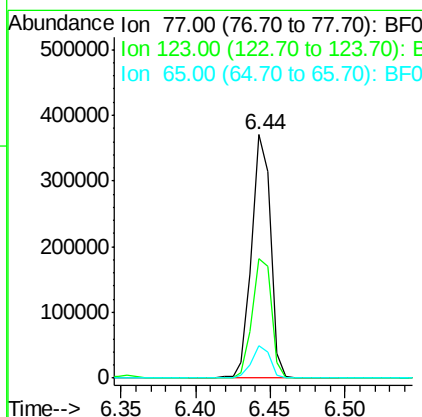
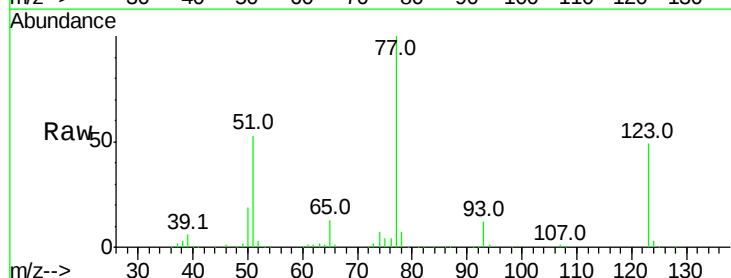
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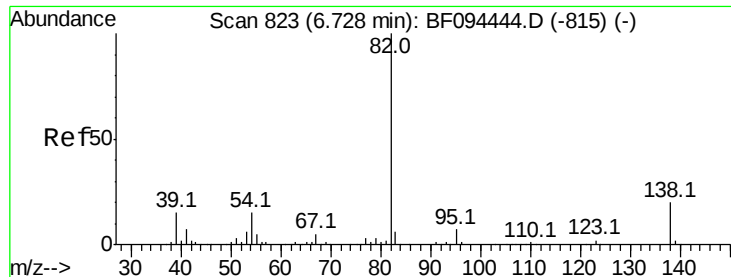
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#24
 Nitrobenzene
 Concen: 37.76 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 38.68 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

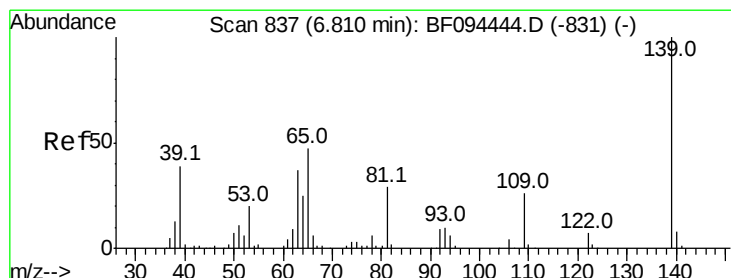
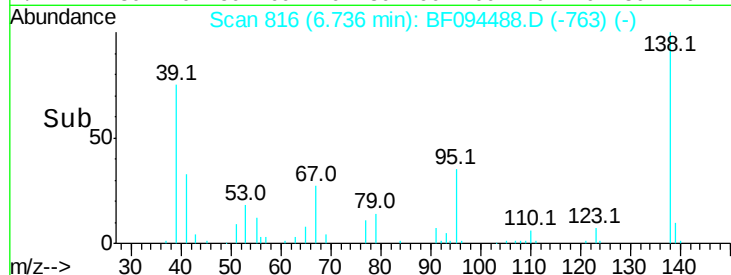
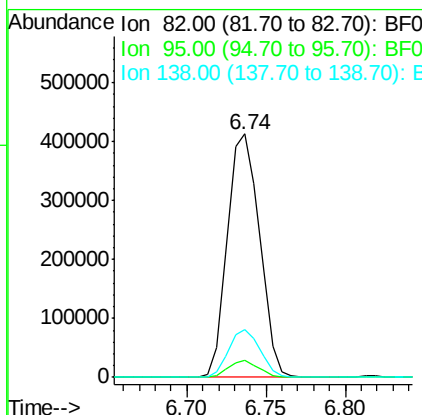
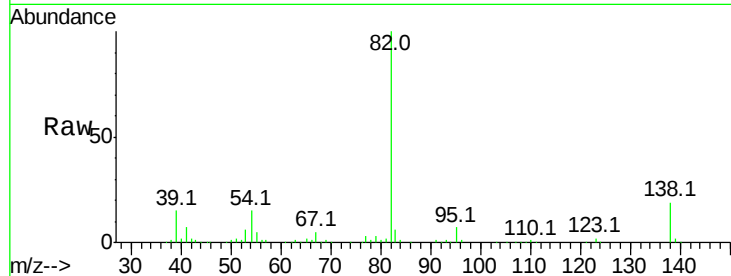
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	582298
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 38.85 ng

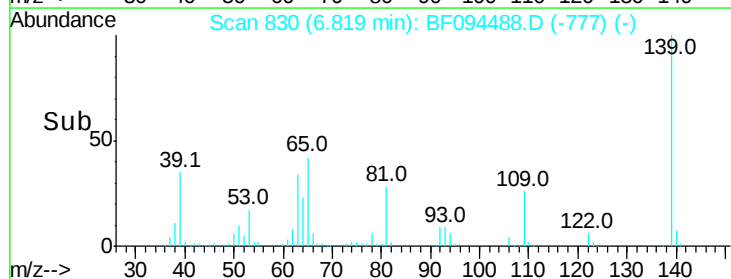
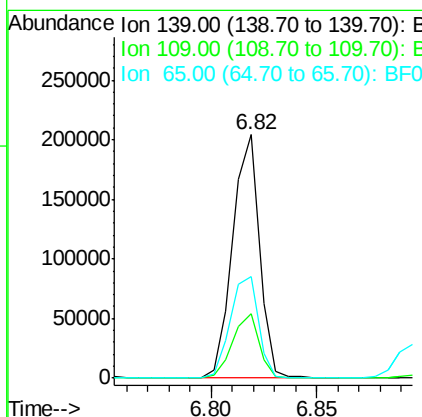
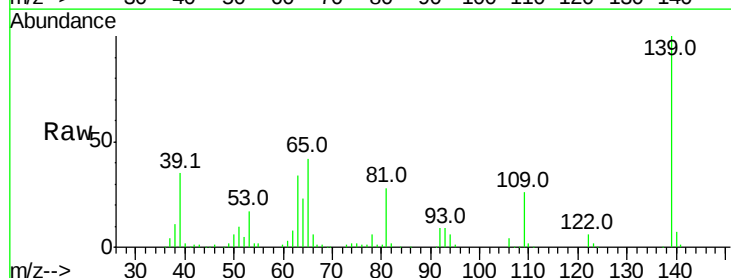
RT: 6.82 min Scan# 830

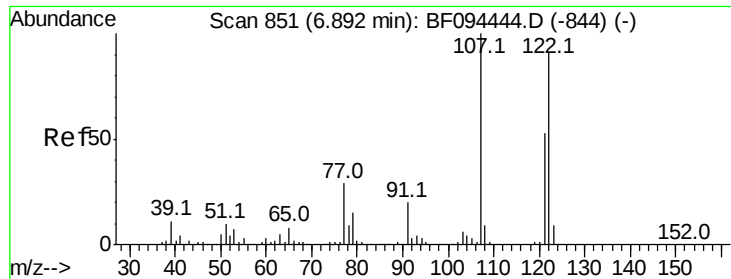
Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:	139	Resp:	178521
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.6
65	42.0	33.0	49.6





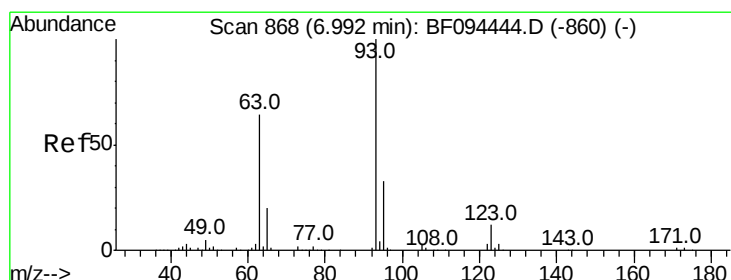
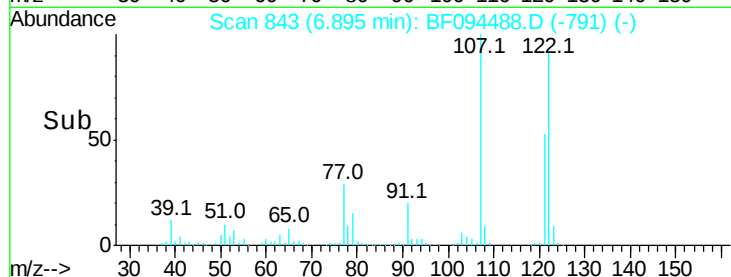
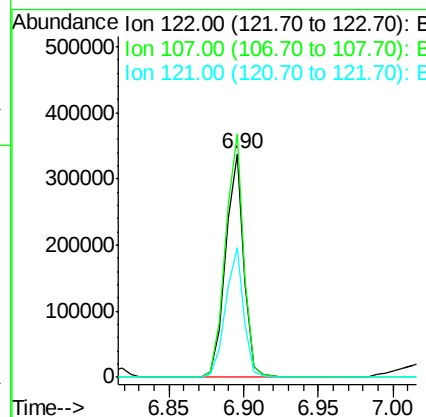
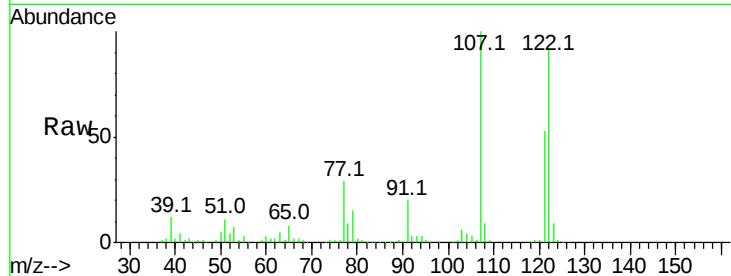
#27
 2,4-Dimethylphenol
 Concen: 39.04 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	291381		
107	109.1	89.2	133.8	
121	58.0	45.2	67.8	

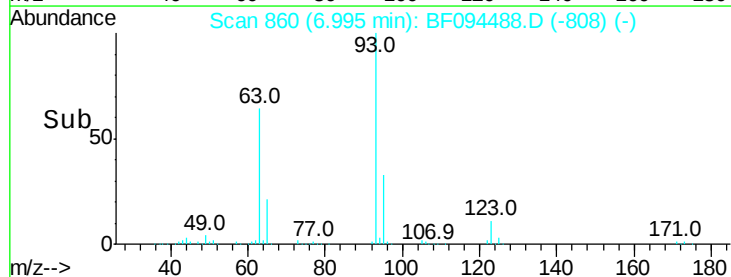
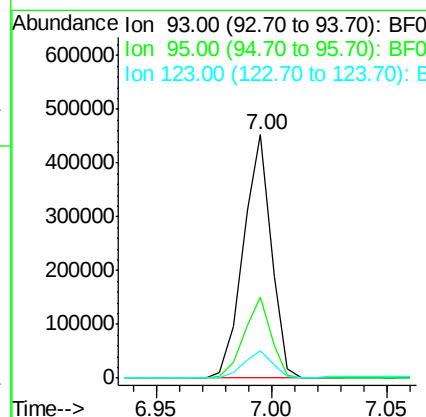
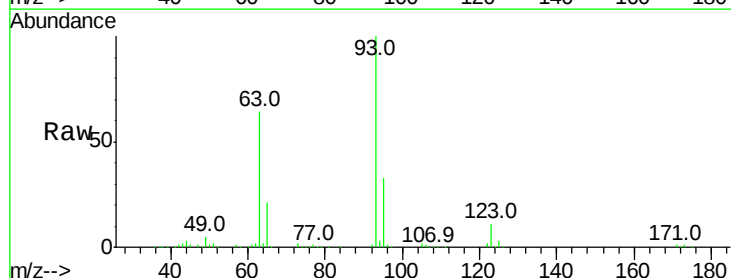
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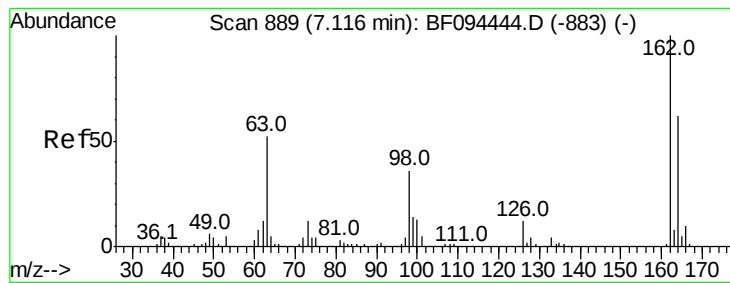
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.19 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	381626		
95	33.2	26.5	39.7	
123	11.2	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 41.16 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

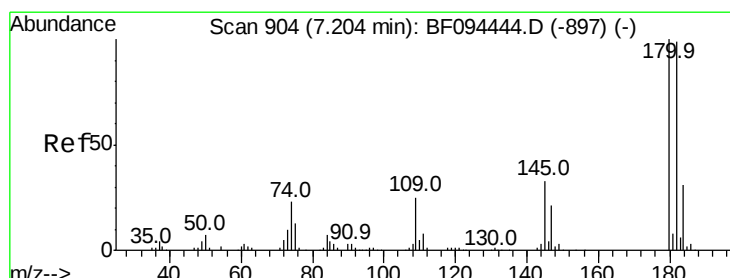
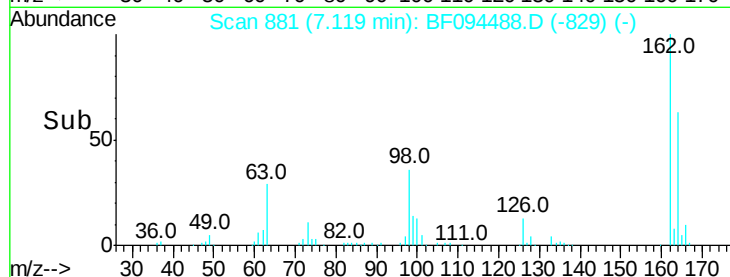
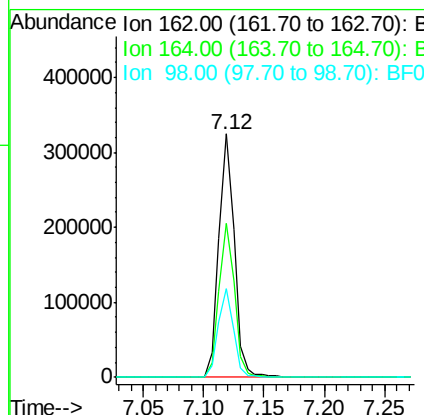
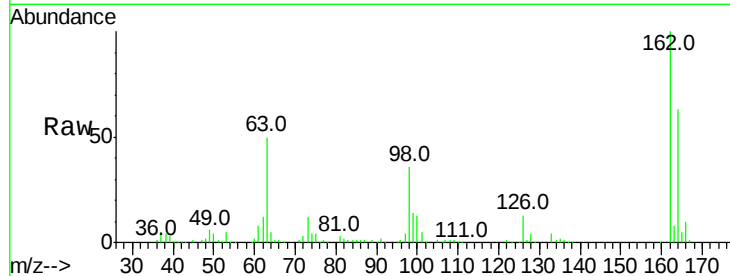
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	285799		
164	63.2		44.6	84.6
98	36.4		14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 39.52 ng

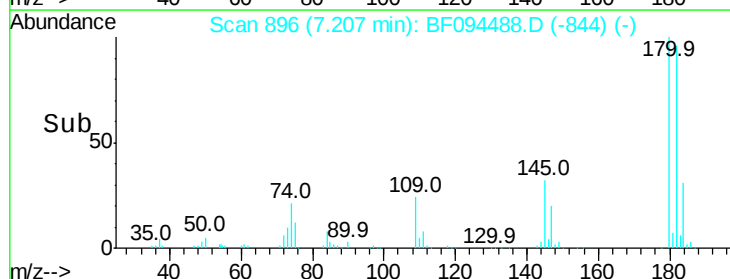
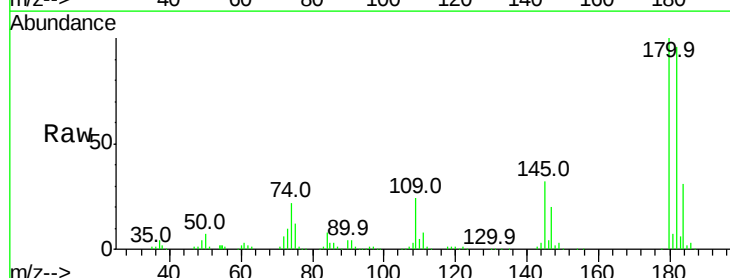
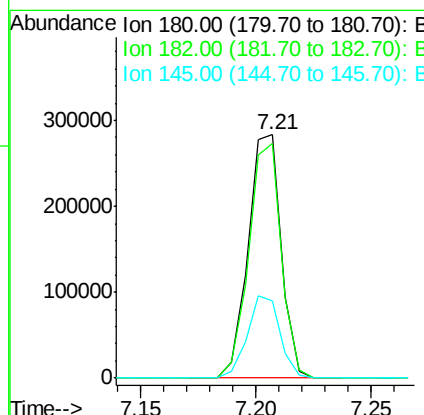
RT: 7.21 min Scan# 896

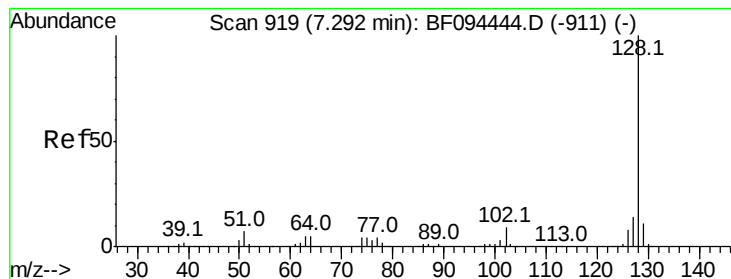
Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	283660		
182	96.4		75.8	113.6
145	31.9		25.3	37.9





#31

Naphthalene

Concen: 39.85 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

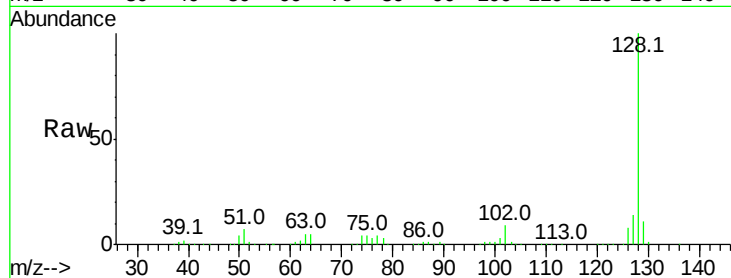
ClientSampleId :

SSTDCCC040EC

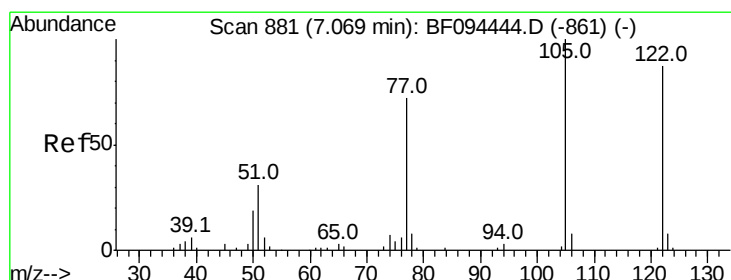
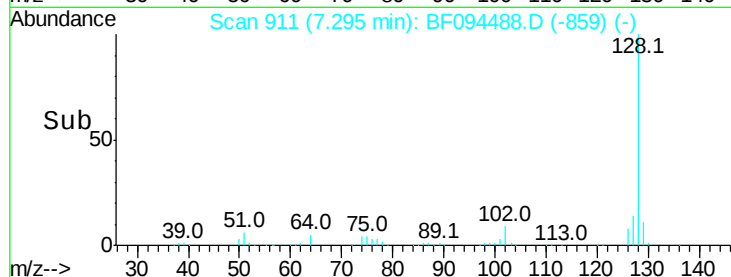
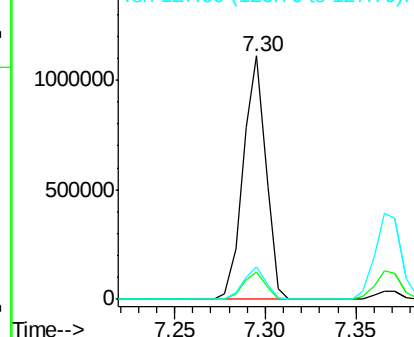
Tot Ion:	128	Resp:	960646
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

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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: 42.45 ng m

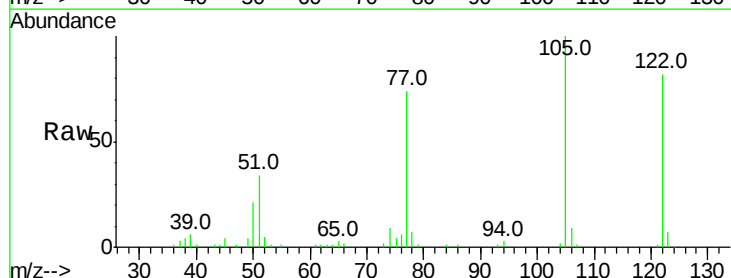
RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

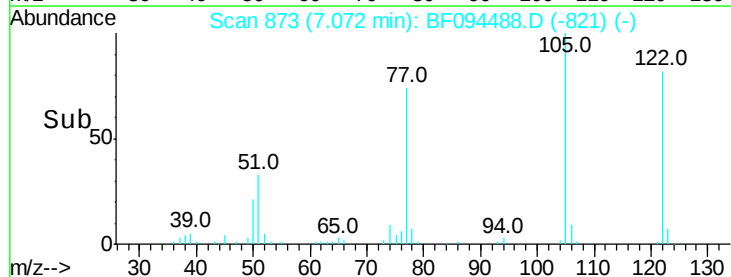
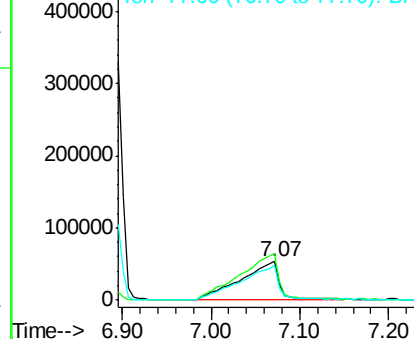
Lab File: BF094488.D

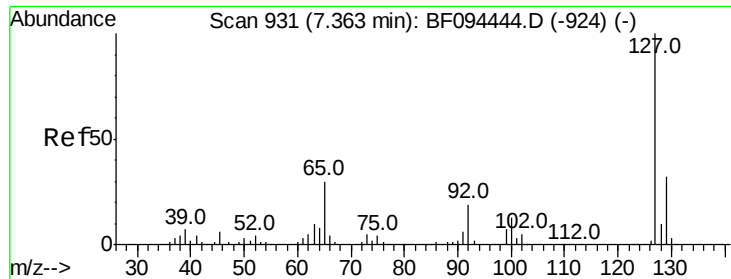
Acq: 18 Apr 2017 15:55

Tgt Ion:	122	Resp:	167513
Ion Ratio	Lower	Upper	
122	100		
105	121.2	103.3	143.3
77	89.9	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





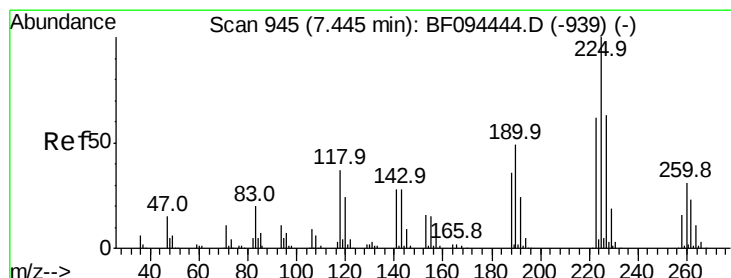
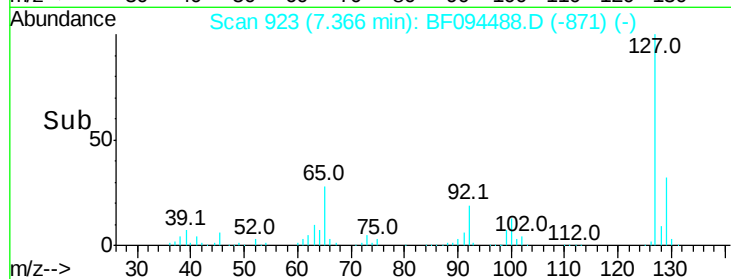
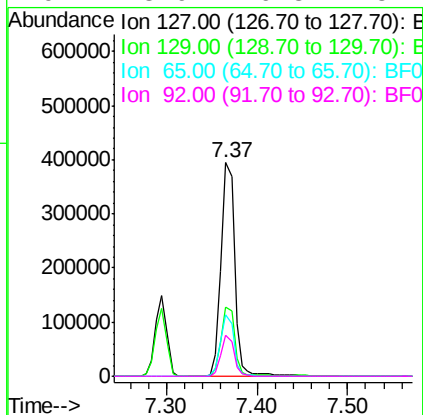
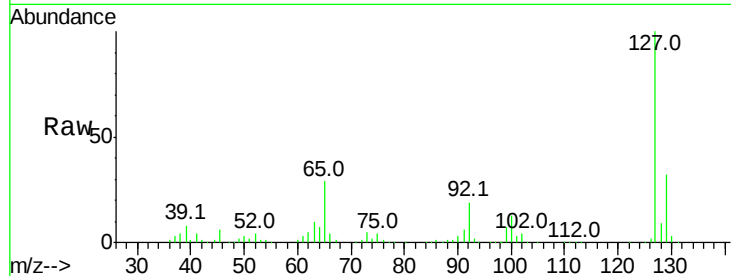
#33
4-Chloroaniline
Concen: 40.75 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100	408662		
129	32.5		26.2	39.2
65	28.8		27.8	41.8
92	18.9		16.8	25.2

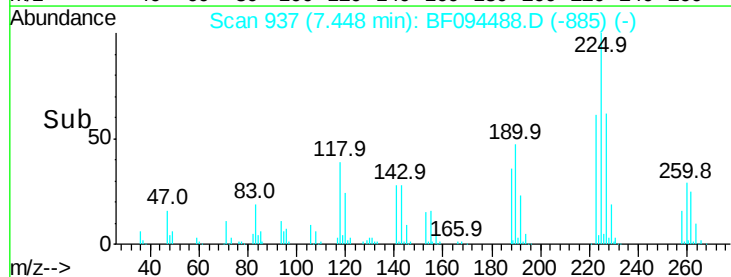
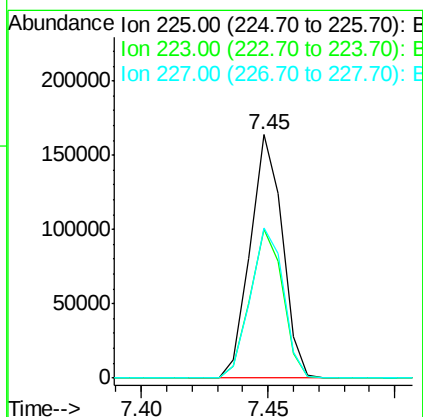
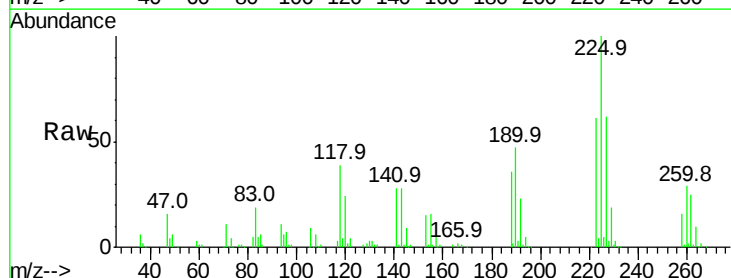
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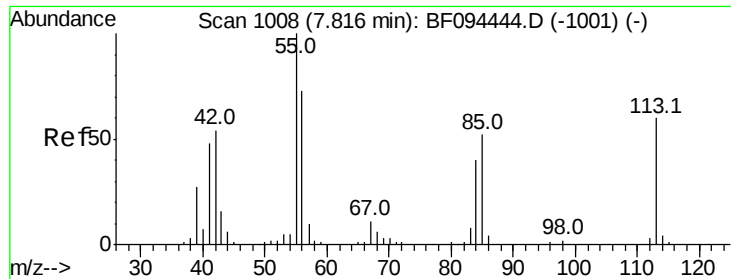
mohammad
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#34
Hexachlorobutadiene
Concen: 40.52 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145000		
223	61.3		48.8	73.2
227	61.7		51.1	76.7





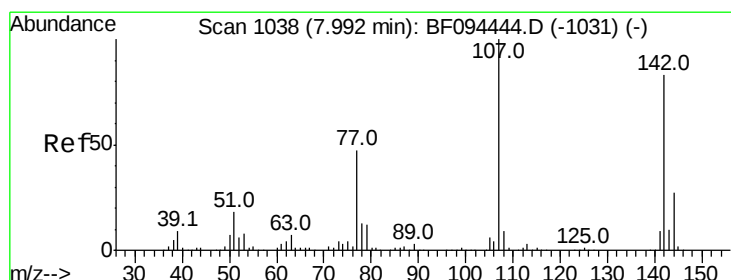
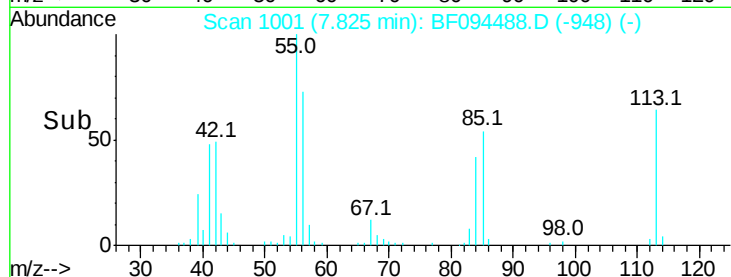
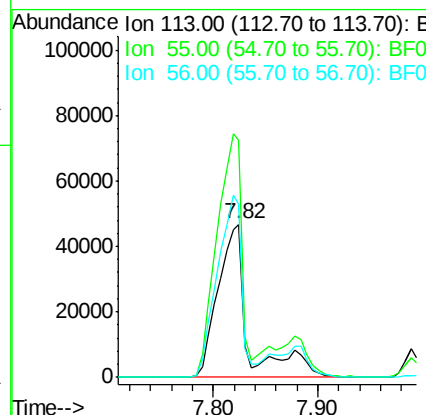
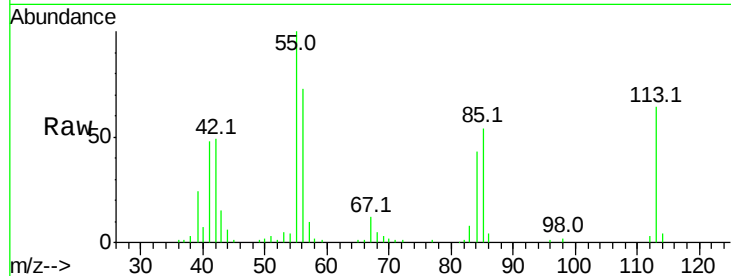
#35
 Caprolactam
 Concen: 43.33 ng/ml
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion:113 Resp: 94503
 Ion Ratio Lower Upper
 113 100
 55 155.7 150.2 190.2
 56 113.0 107.8 147.8

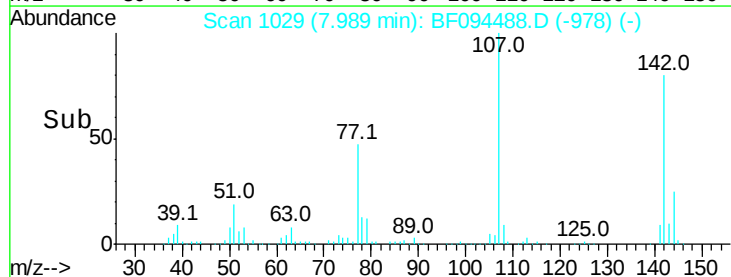
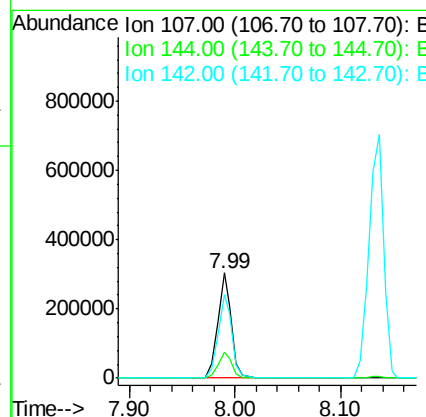
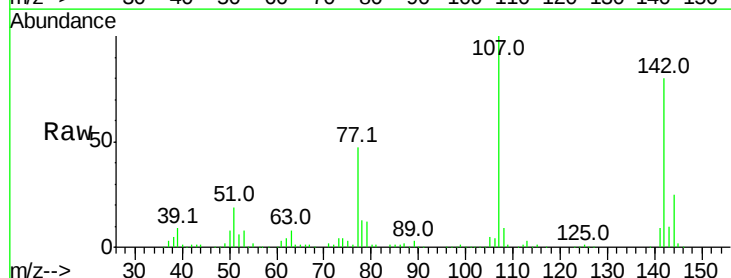
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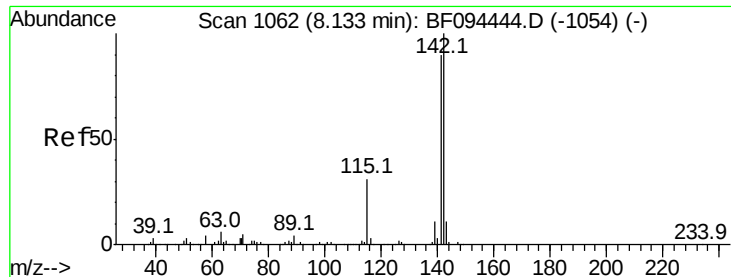
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 37.98 ng/ml
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion:107 Resp: 276330
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 79.6 73.4 110.0





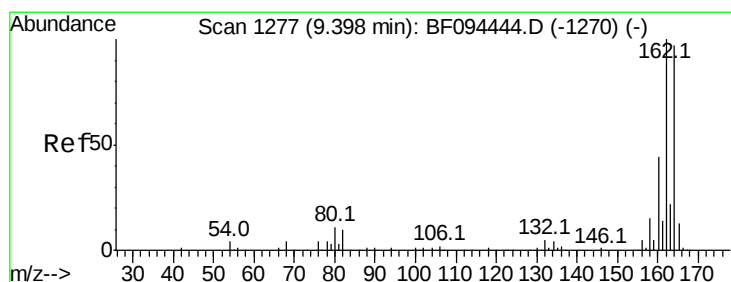
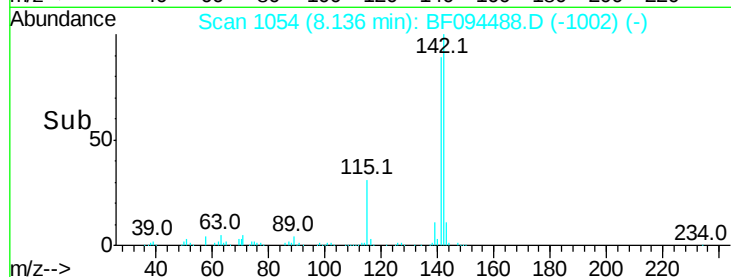
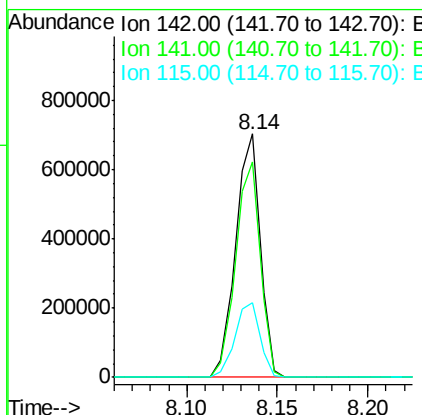
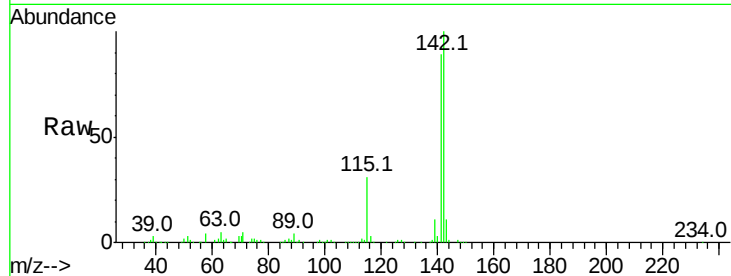
#37
 2-Methylnaphthalene
 Concen: 40.38 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	30.7	27.1	40.7

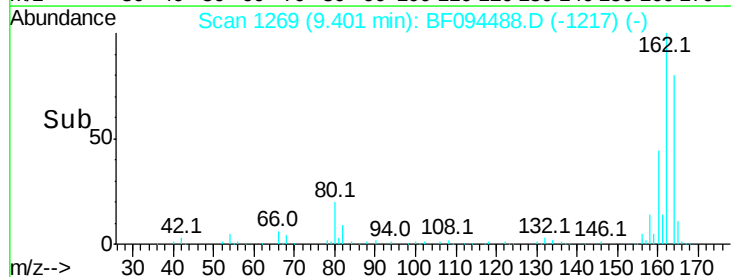
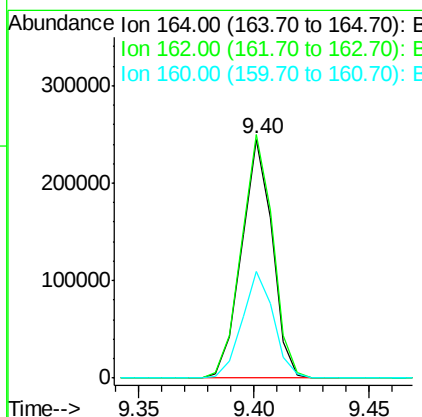
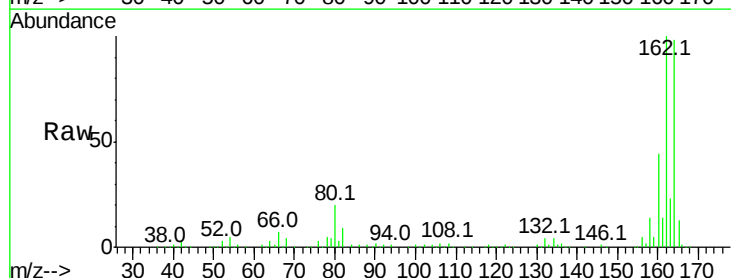
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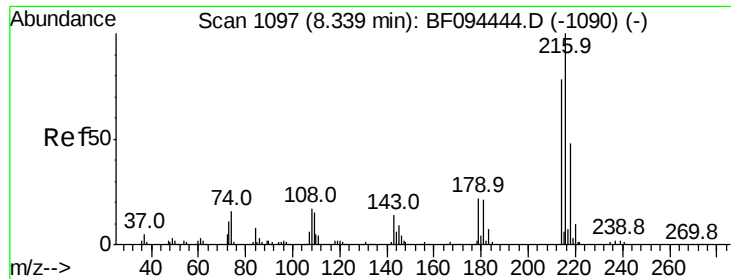
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	44.4	36.2	54.2





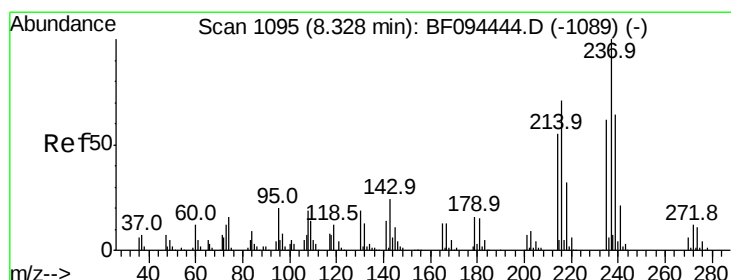
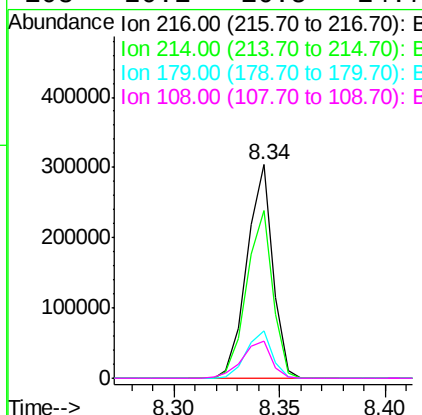
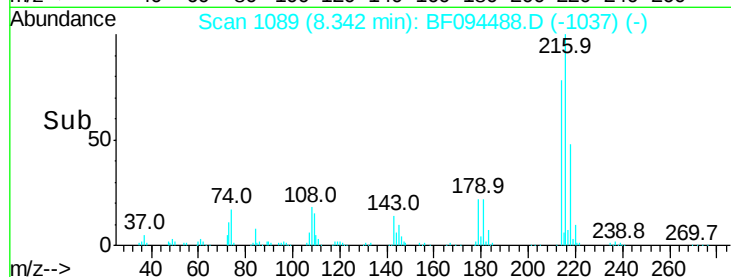
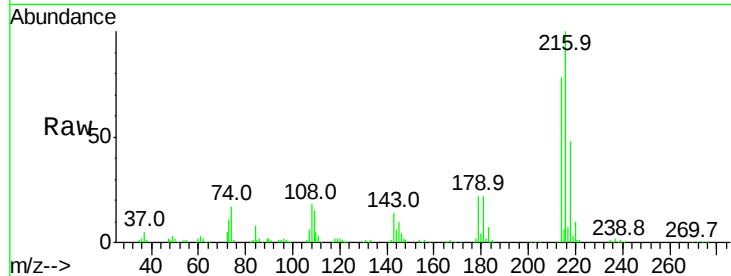
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.80 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.1	17.9	26.9
108	20.1	16.5	24.7

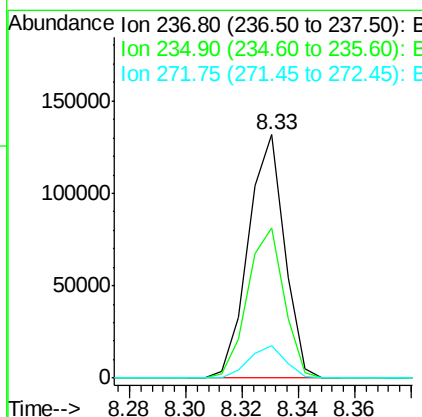
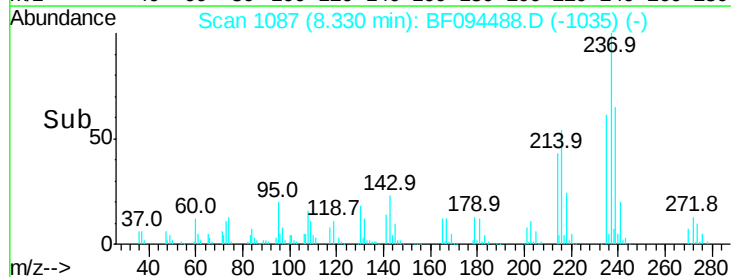
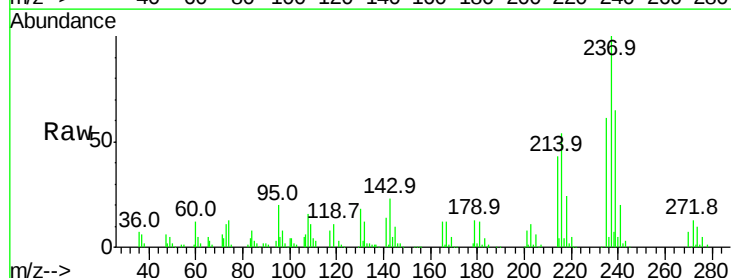
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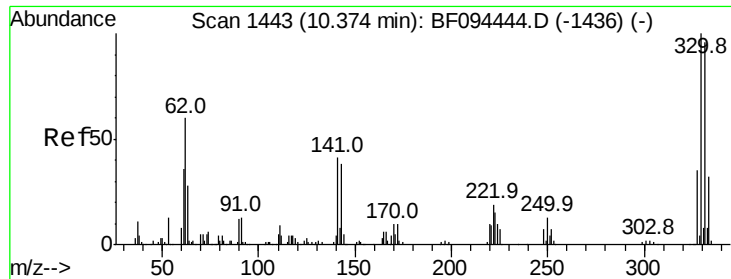
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 44.69 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.5	42.6	82.6
272	13.3	0.0	31.9





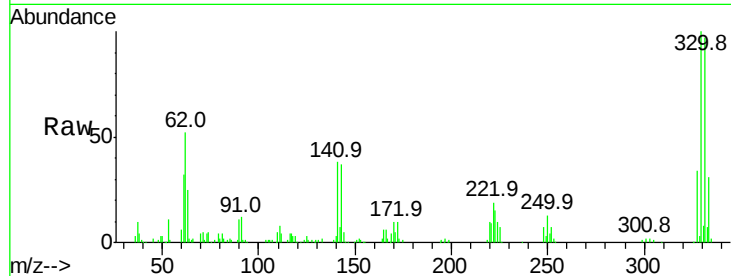
#41
 2,4,6-Tribromophenol
 Concen: 85.99 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

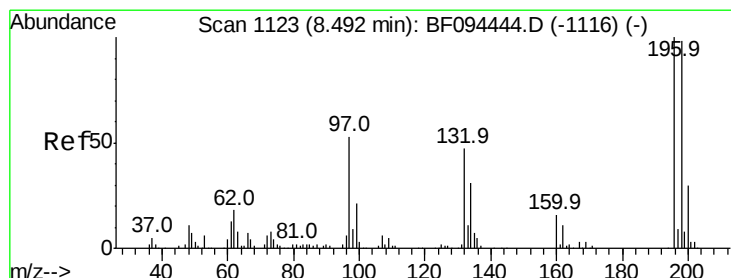
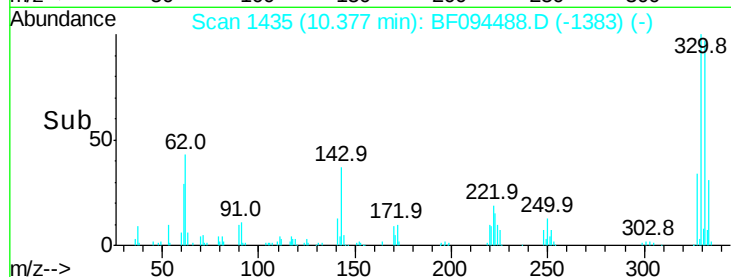
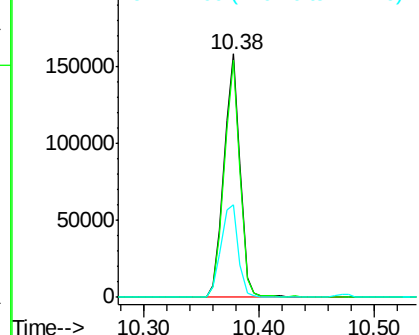
Tot Ion	Ratio	Resp	Lower	Upper
330	100	153368		
332	95.5	76.6	115.0	
141	41.0	31.4	47.2	

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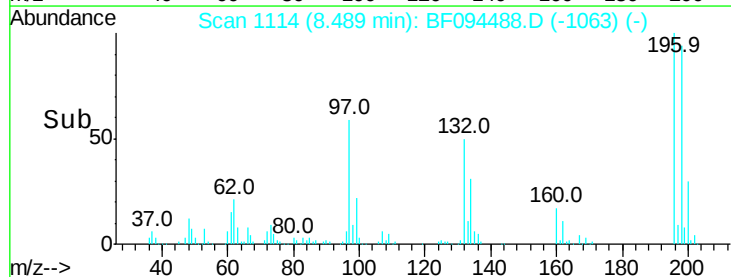
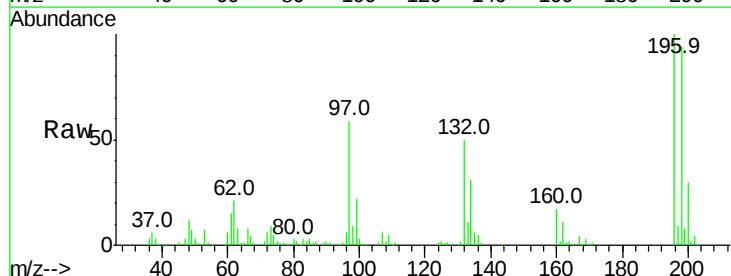
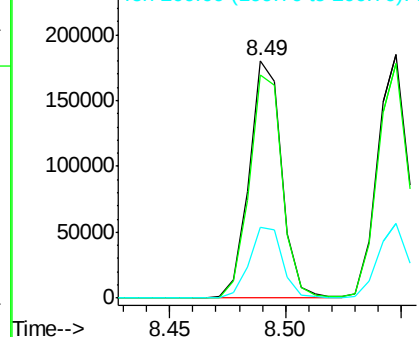
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

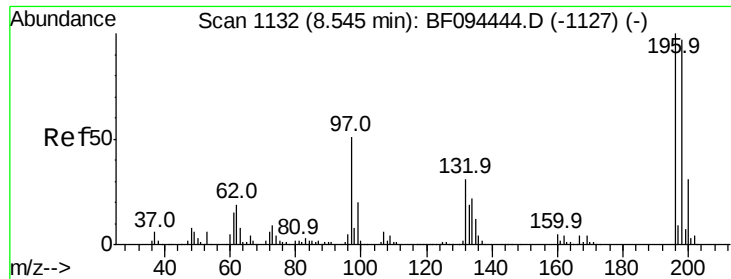


#42
 2,4,6-Trichlorophenol
 Concen: 38.95 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177599		
198	94.3	74.2	111.4	
200	30.1	24.0	36.0	

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





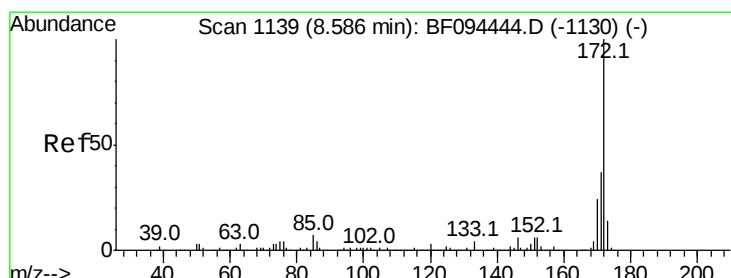
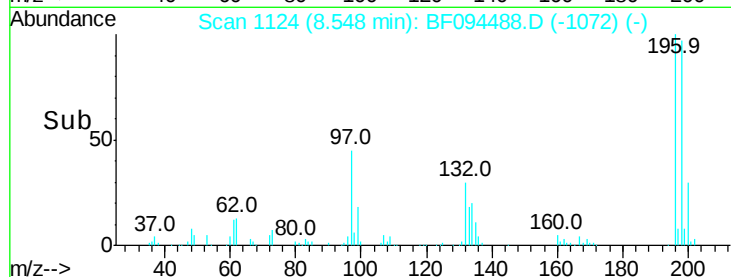
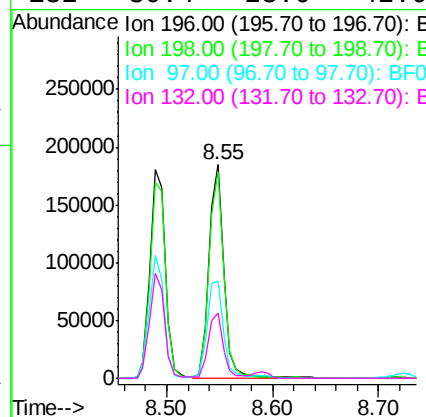
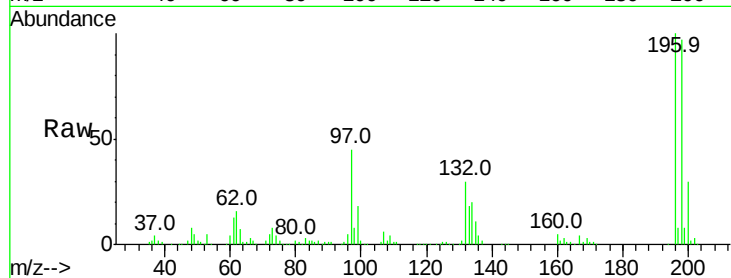
#43
 2,4,5-Trichlorophenol
 Concen: 38.68 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	181136		
198	96.6	75.7	113.5	
97	45.4	47.7	71.5#	
132	30.4	28.0	42.0	

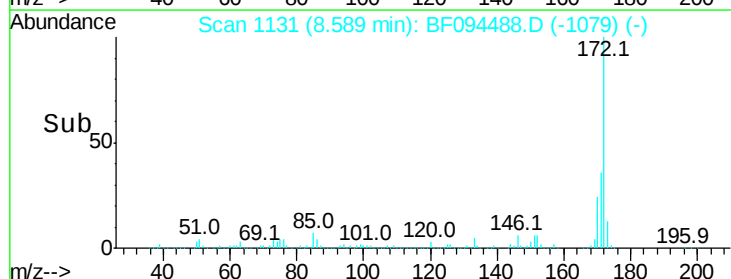
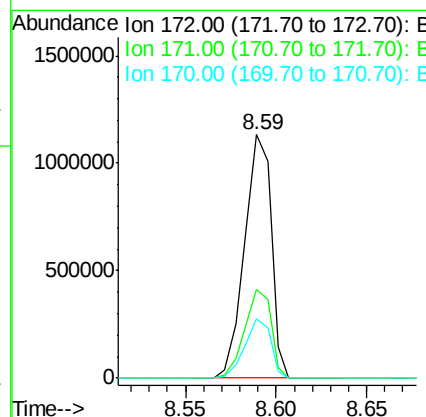
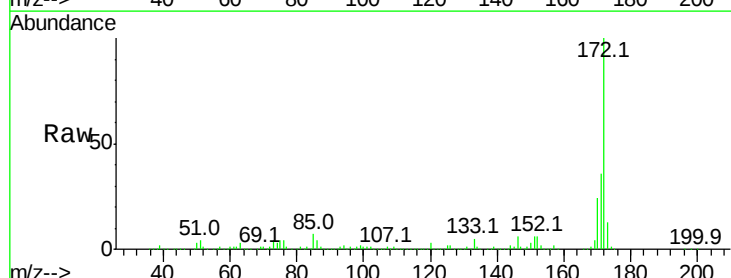
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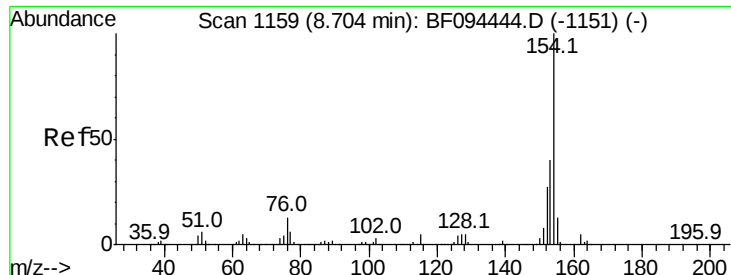
mohammad
 4/19/2017 1:33:10 PM



#44
 2-Fluorobiphenyl
 Concen: 74.73 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1158061		
171	36.5	29.6	44.4	
170	24.2	19.8	29.8	





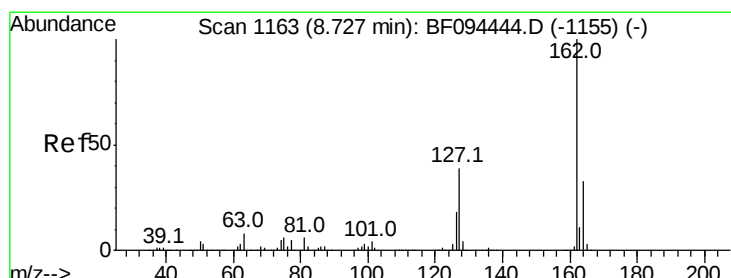
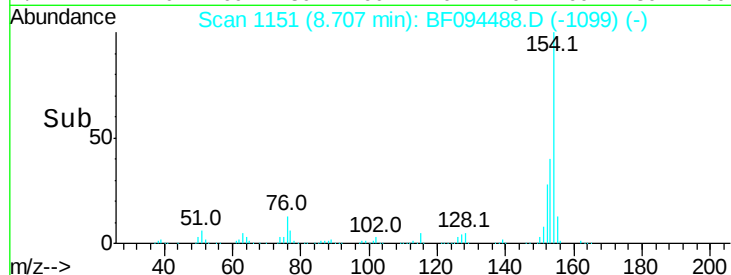
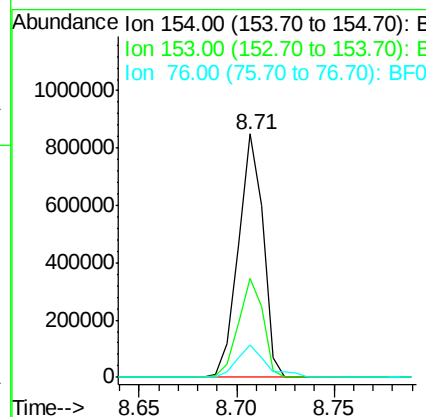
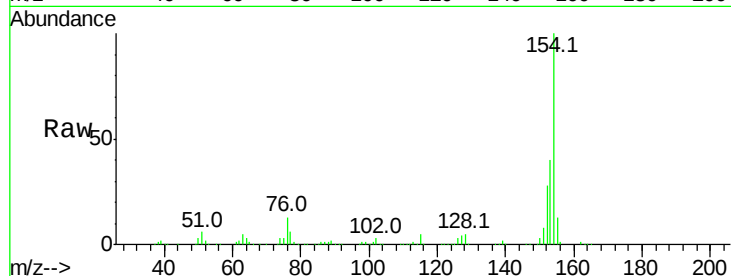
#45
 1,1'-Biphenyl
 Concen: 39.97 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	13.2	0.0	29.9

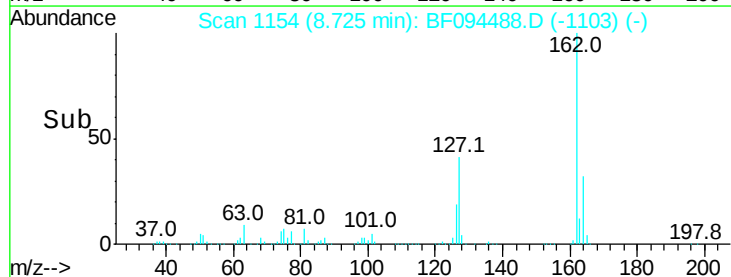
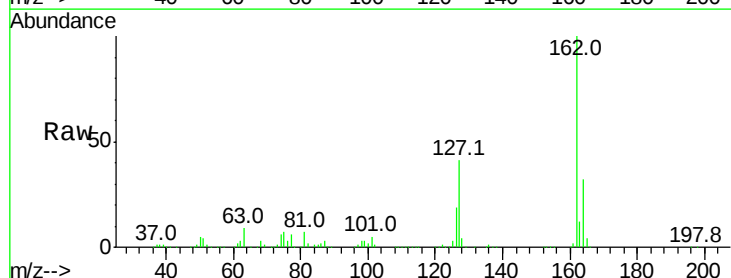
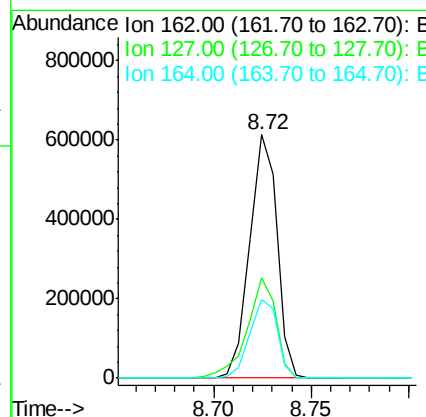
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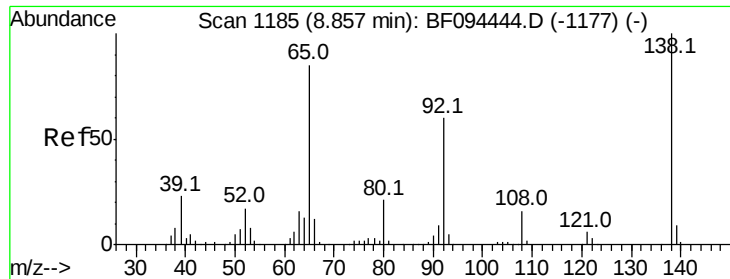
mohammad
 4/19/2017 1:33:10 PM



#46
 2-Chloronaphthalene
 Concen: 40.22 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	32.5	27.0	40.4





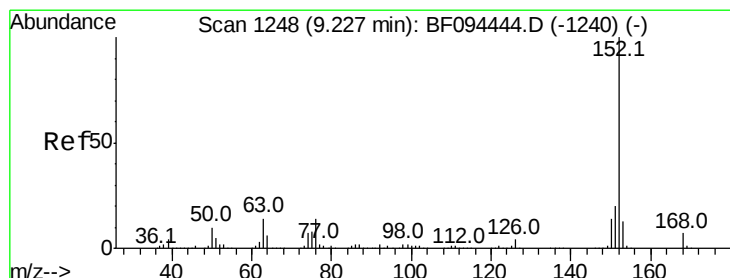
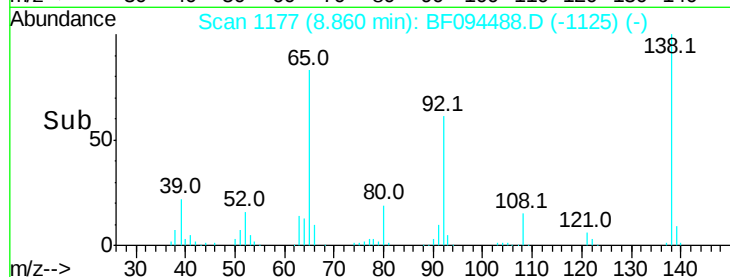
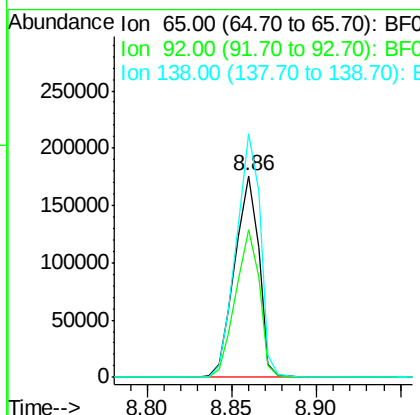
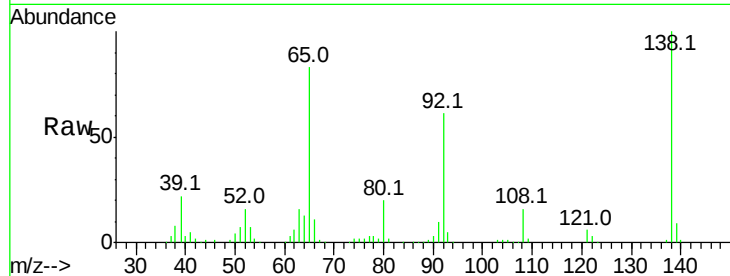
#47
 2-Nitroaniline
 Concen: 41.36 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.9	80.9
138	120.6	78.8	118.2

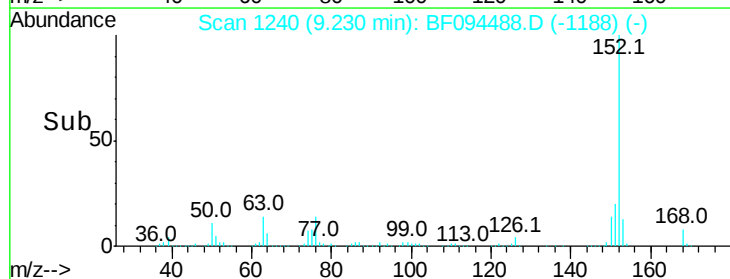
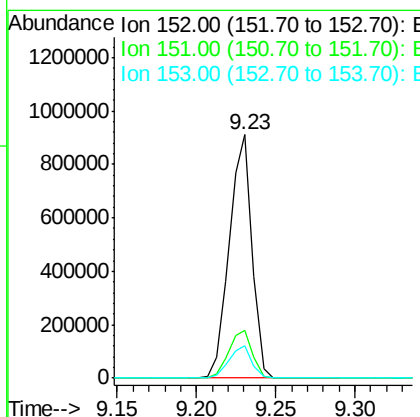
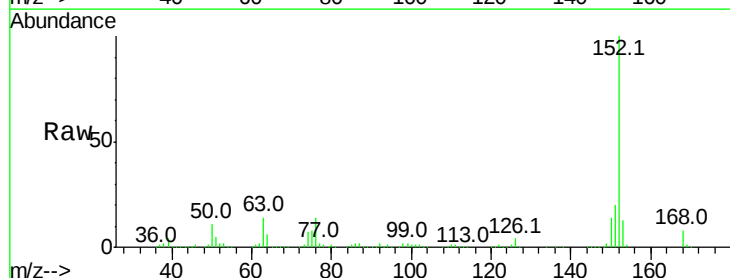
Manual Integrations
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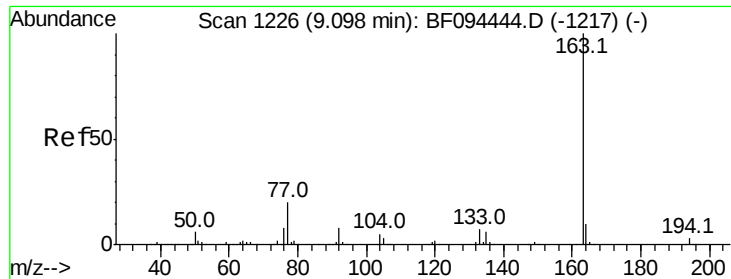
mohammad
 4/19/2017 1:33:10 PM



#48
 Acenaphthylene
 Concen: 38.96 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.1	10.8	16.2





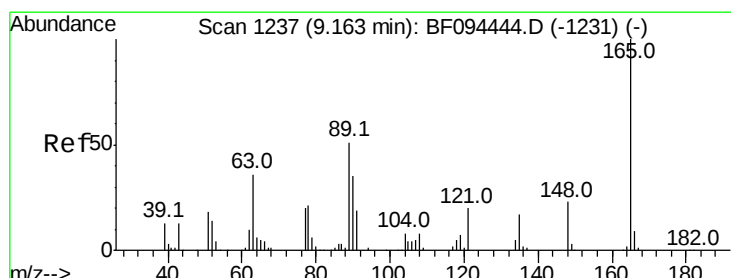
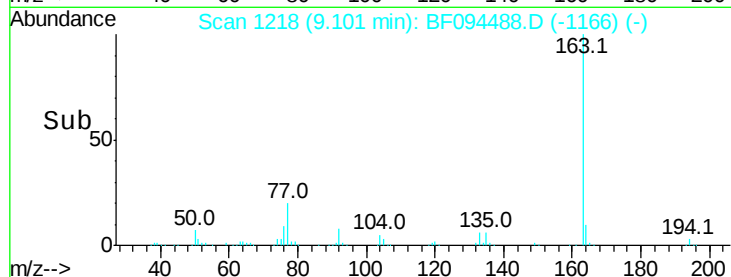
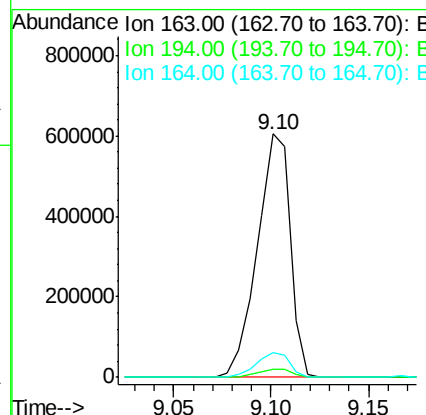
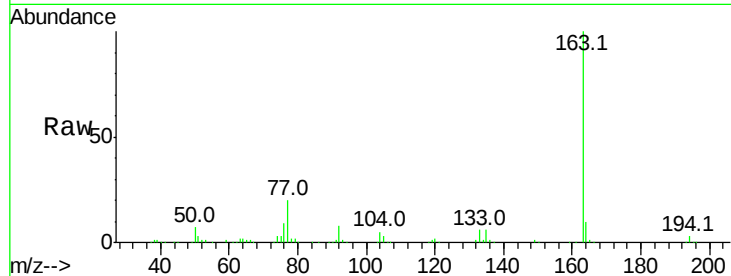
#49
Dimethylphthalate
Concen: 41.64 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.2	8.4	12.6	

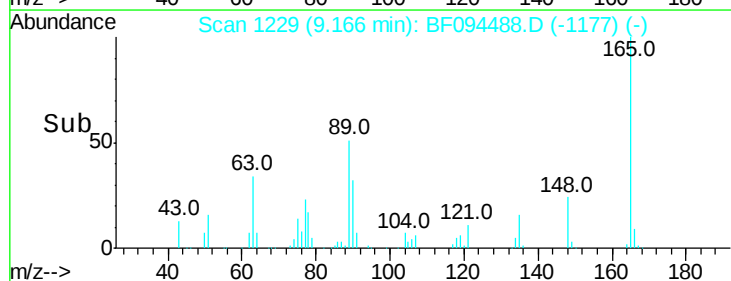
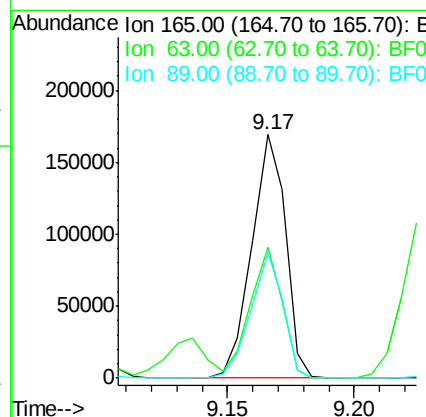
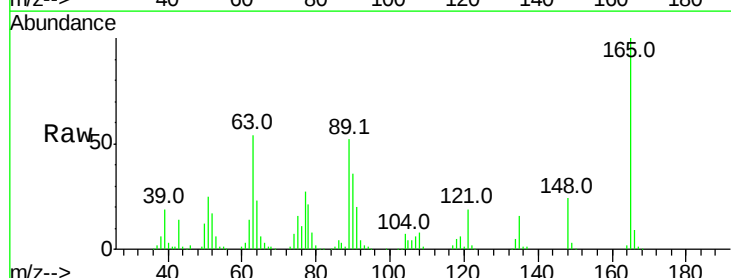
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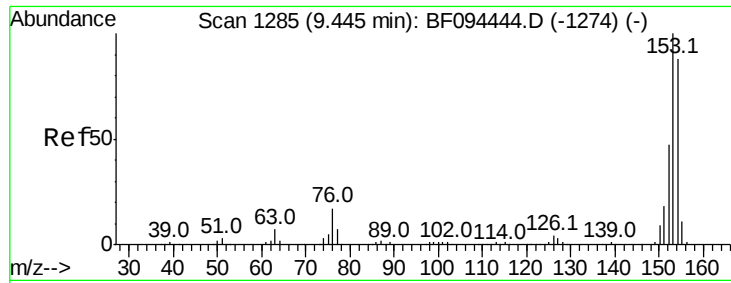
mohammad
4/19/2017 1:33:10 PM



#50
2,6-Dinitrotoluene
Concen: 41.29 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.6	34.3	51.5#	
89	51.9	37.1	55.7	





#51

Acenaphthene

Concen: 39.22 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

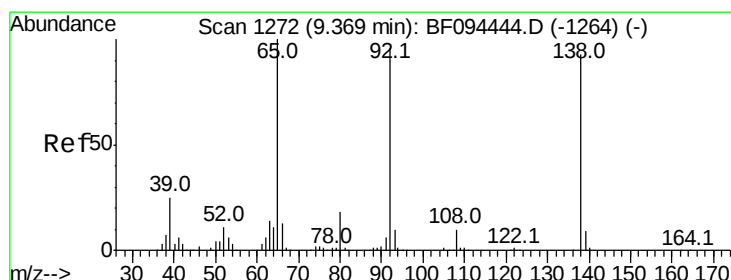
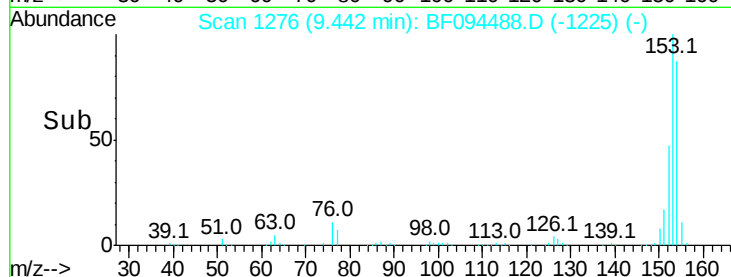
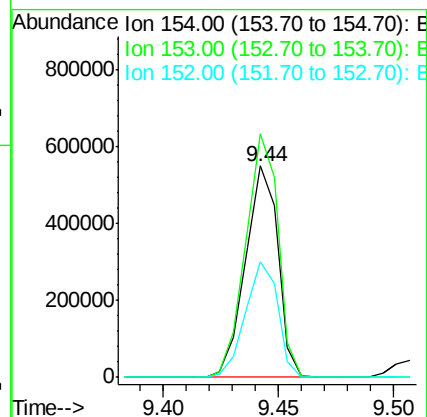
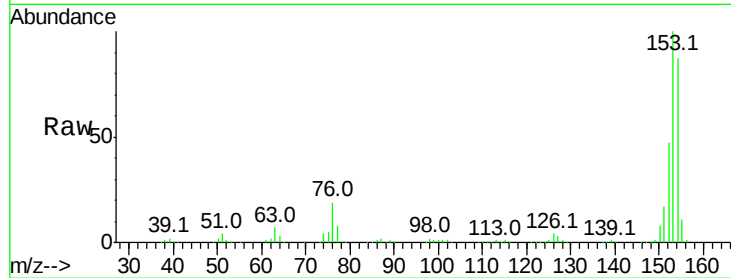
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	542414
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.5	135.7
152	54.6	43.6	65.4

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#52

3-Nitroaniline

Concen: 40.66 ng

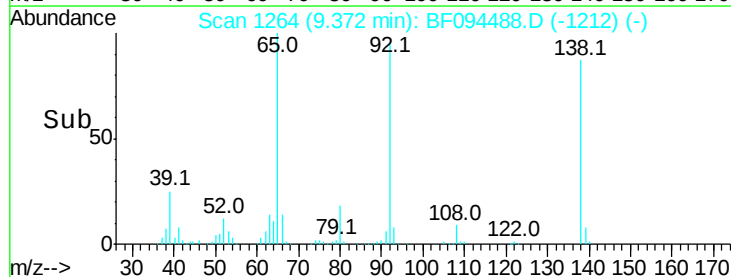
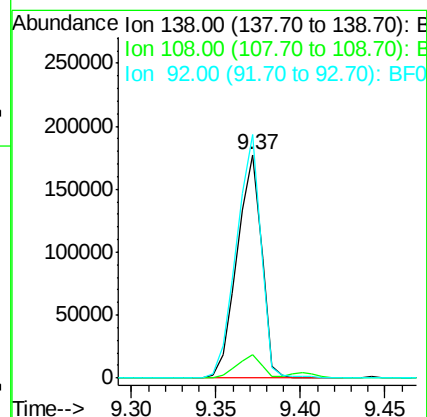
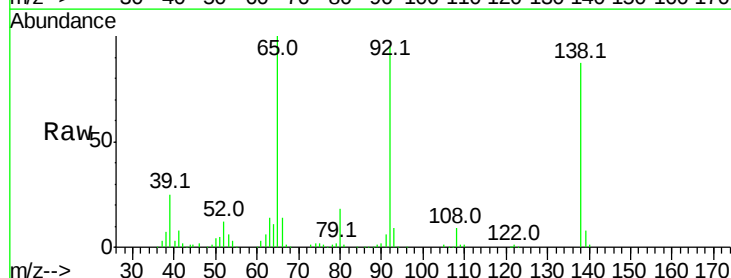
RT: 9.37 min Scan# 1264

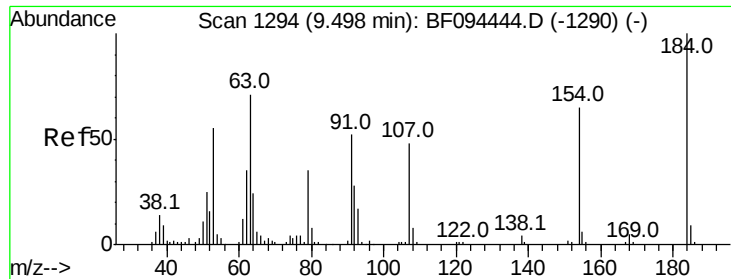
Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:	138	Resp:	179413
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.1	13.7
92	108.9	93.8	140.6





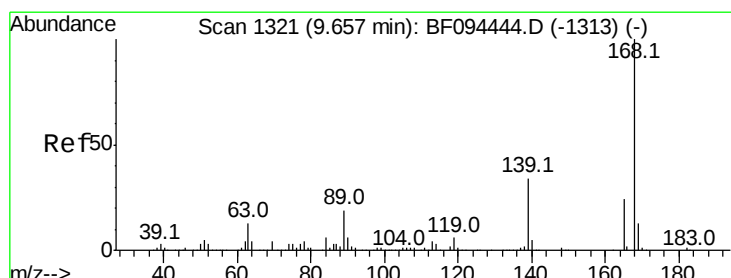
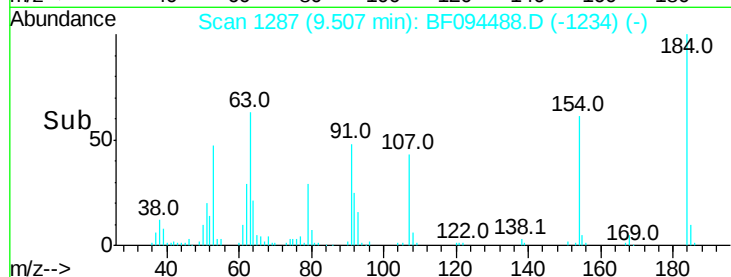
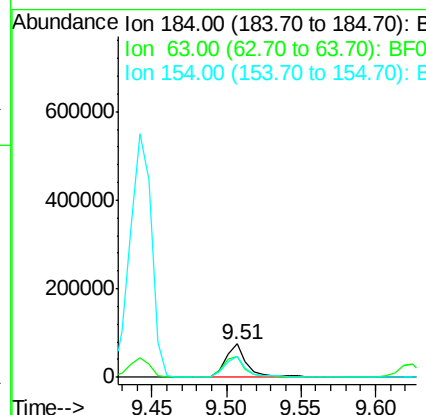
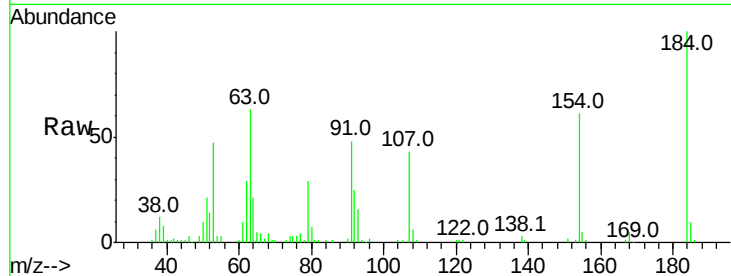
#53
 2,4-Dinitrophenol
 Concen: 40.71 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.0	62.7	94.1
154	60.7	81.1	121.7#

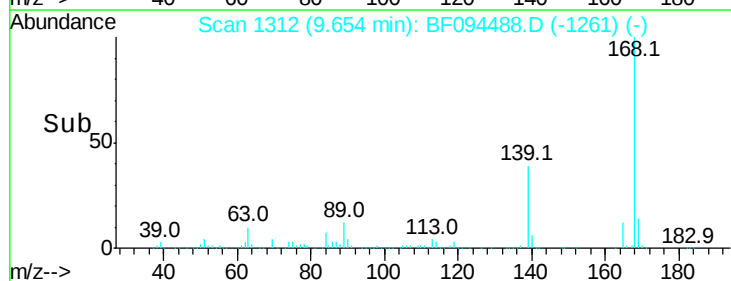
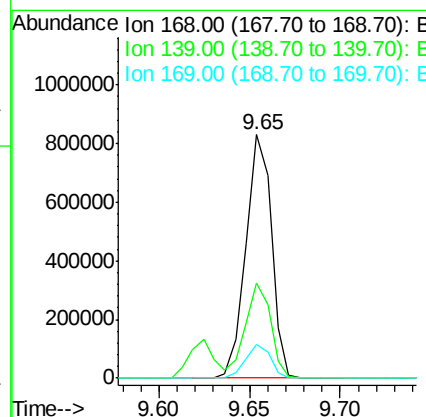
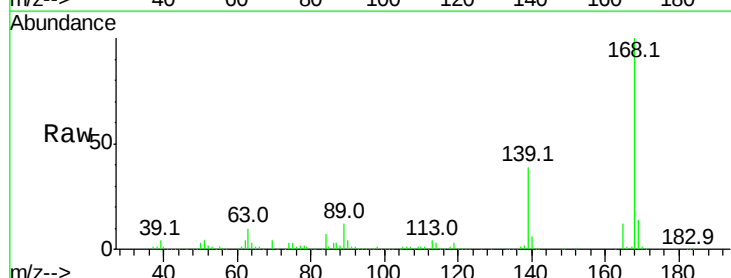
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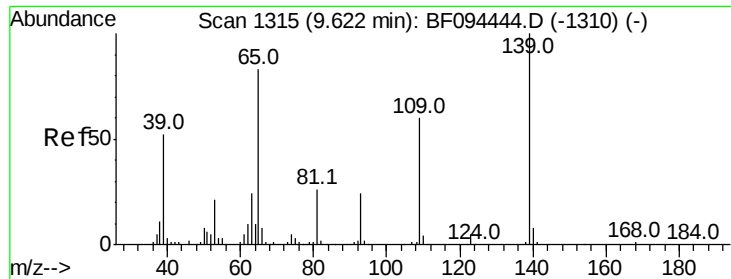
mohammad
 4/19/2017 1:33:10 PM



#54
 Dibenzofuran
 Concen: 40.57 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	13.6	10.8	16.2





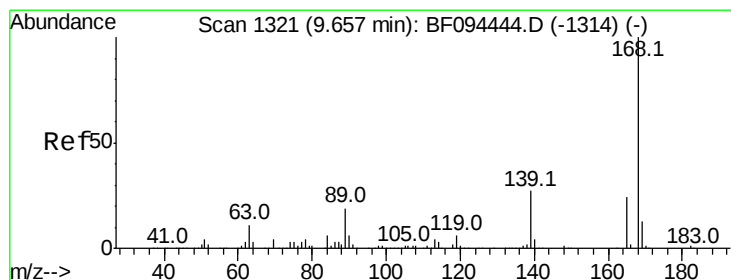
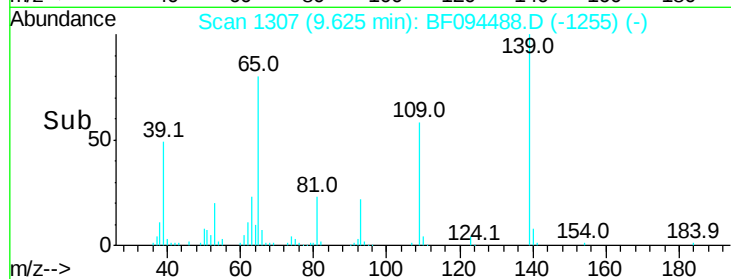
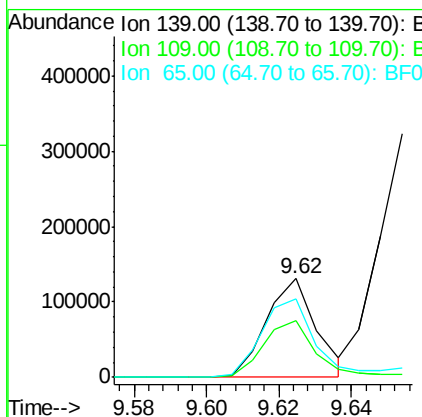
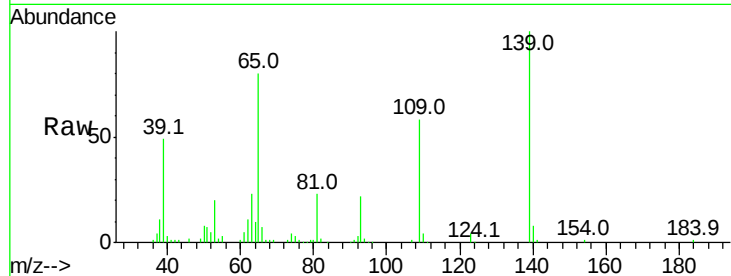
#55
4-Nitrophenol
Concen: 40.14 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	125133		
109	57.6	34.1	74.1	
65	79.7	31.4	71.4	

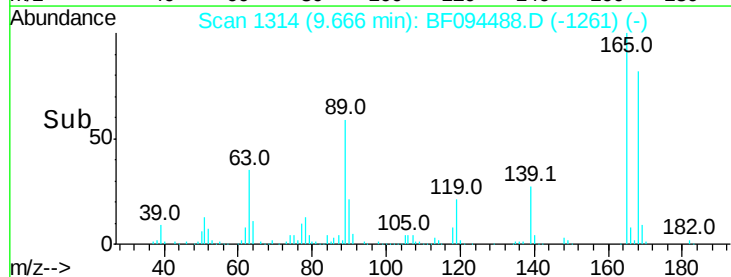
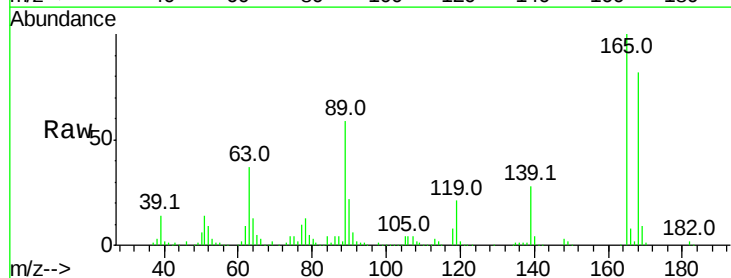
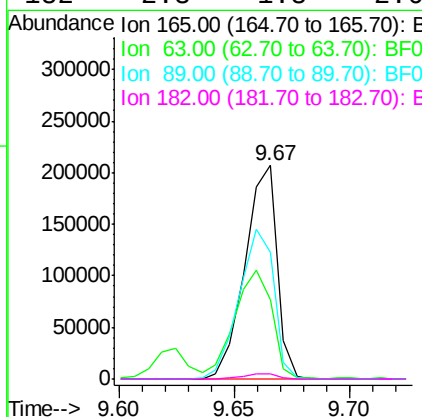
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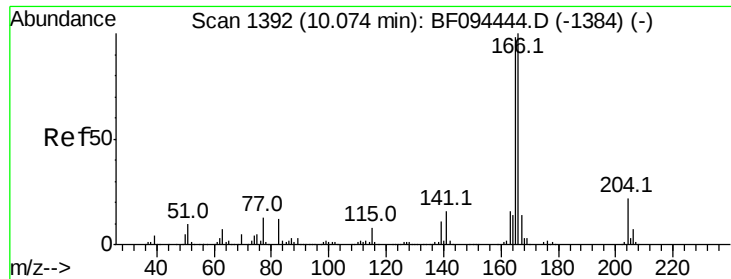
mohammad
4/19/2017 1:33:10 PM



#56
2,4-Dinitrotoluene
Concen: 43.17 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202036		
63	37.1	25.4	38.0	
89	59.4	46.4	69.6	
182	2.3	1.8	2.6	





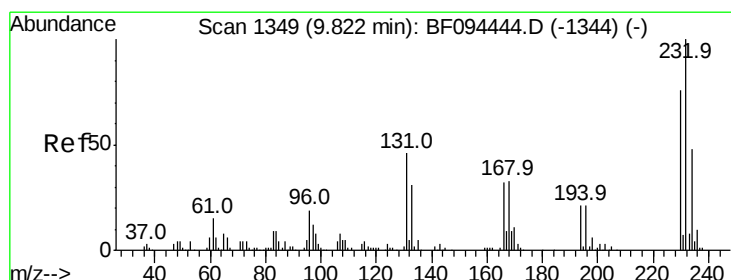
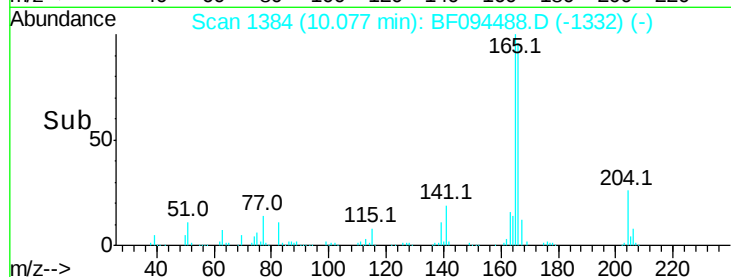
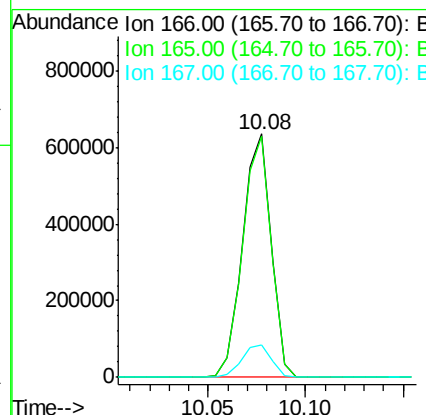
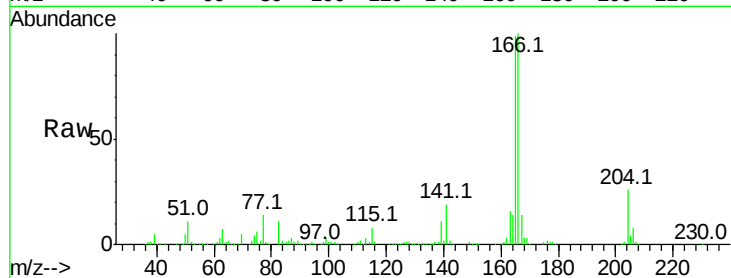
#57
 Fluorene
 Concen: 41.11 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.5	10.6	16.0

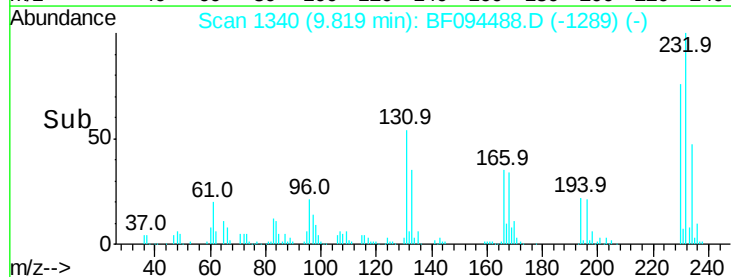
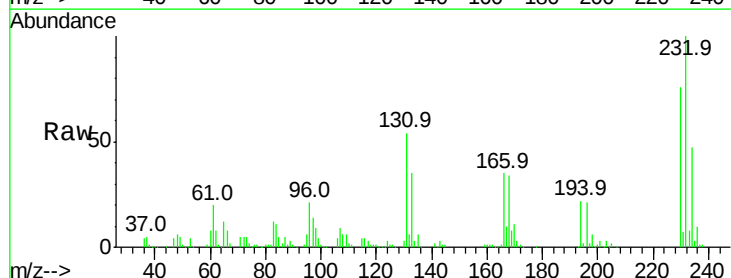
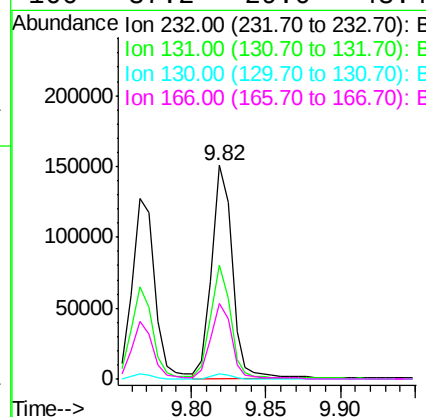
Manual Integrations
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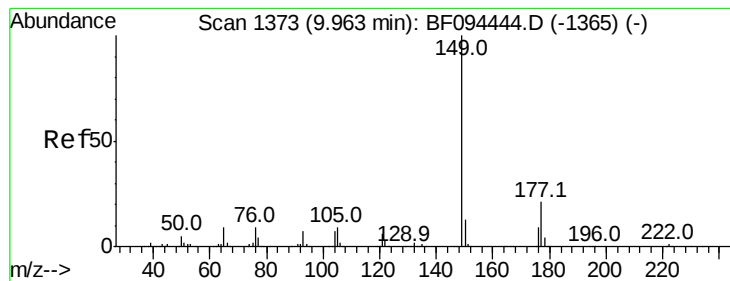
mohammad
 4/19/2017 1:33:10 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.01 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	44.8	67.2
130	2.5	2.3	3.5
166	37.2	29.0	43.4





#59

Diethylphthalate

Concen: 43.02 ng

RT: 9.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

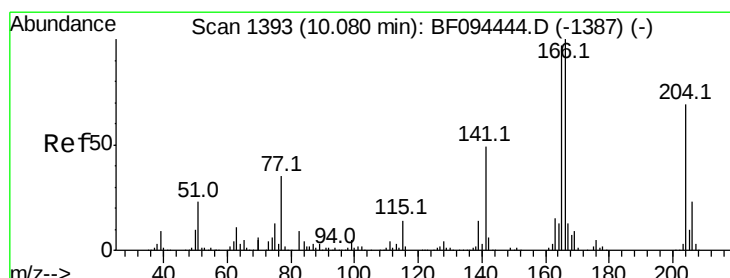
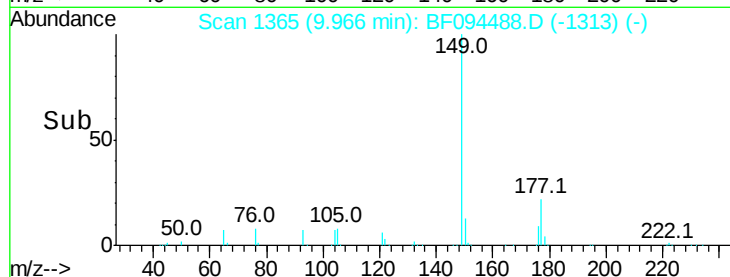
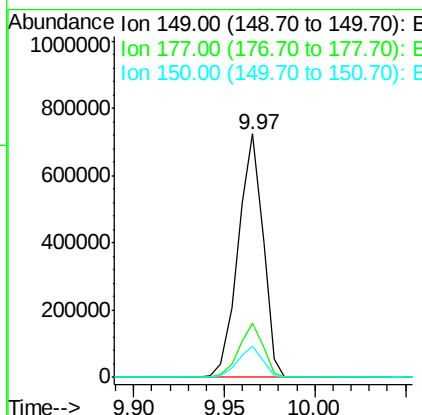
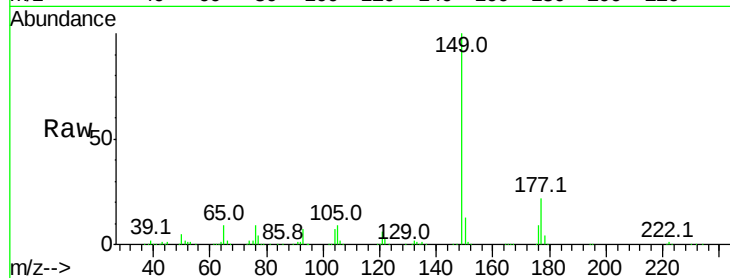
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	689782
Ion Ratio	Lower	Upper	
149	100		
177	22.1	16.7	25.1
150	12.7	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 43.14 ng

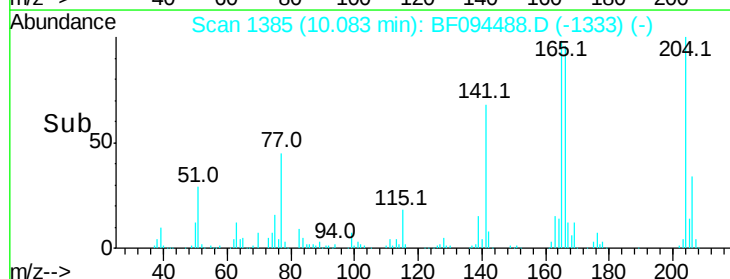
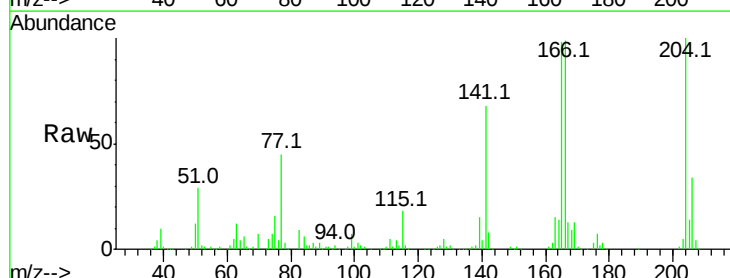
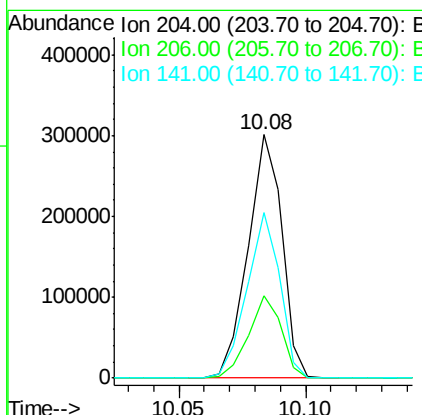
RT: 10.08 min Scan# 1385

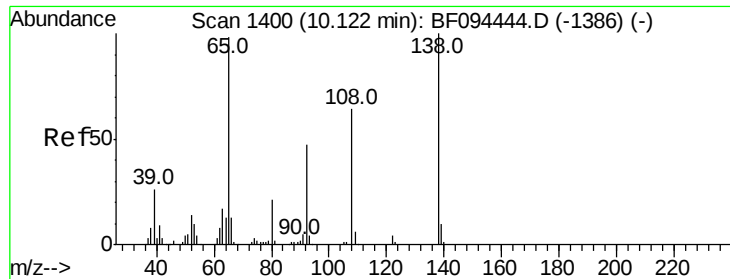
Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:	204	Resp:	281061
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.2	39.2
141	67.8	60.8	91.2





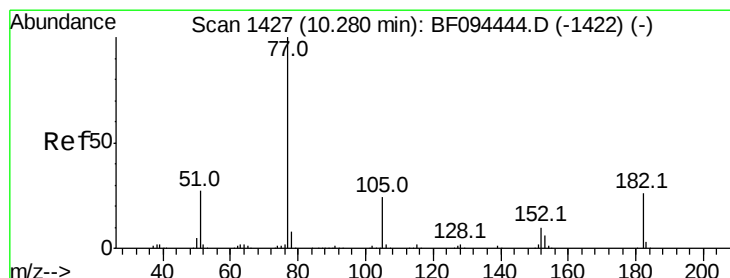
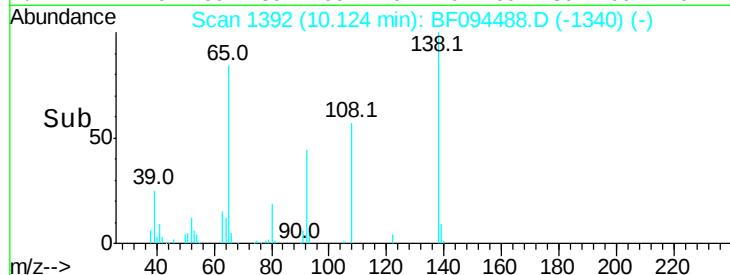
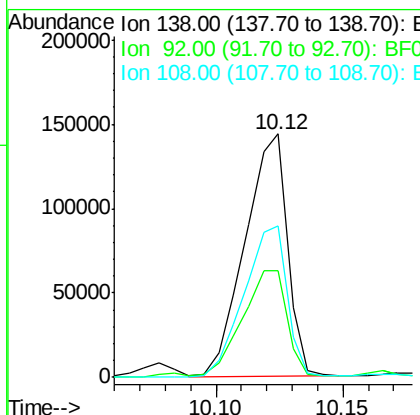
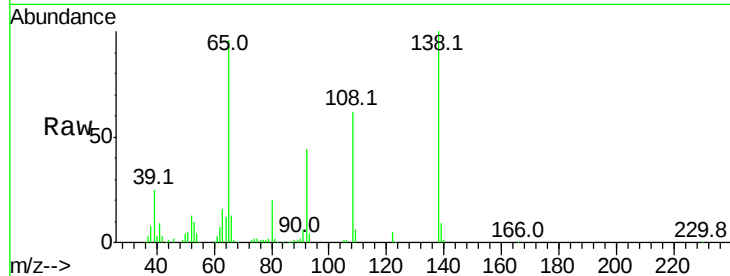
#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.9	21.8	61.8
108	62.5	42.3	82.3

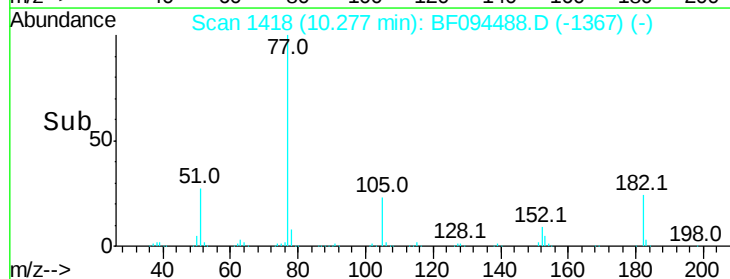
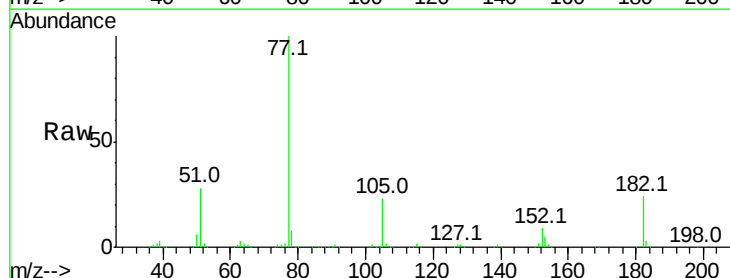
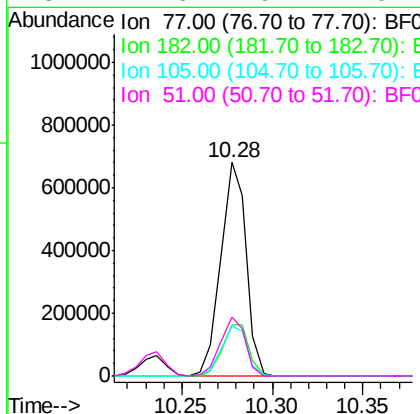
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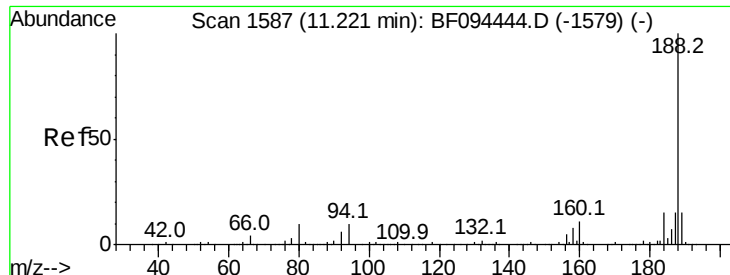
mohammad
4/19/2017 1:33:10 PM



#62
Azobenzene
Concen: 42.30 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	0.1	40.1
105	23.3	3.6	43.6
51	27.6	9.4	49.4





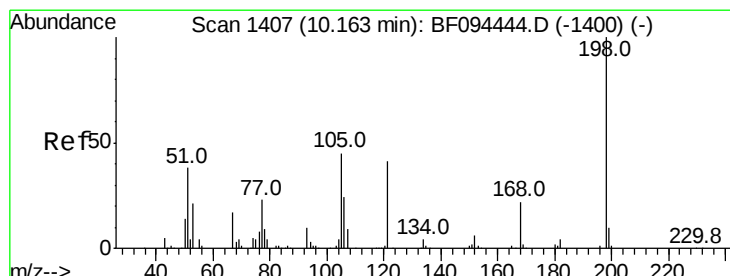
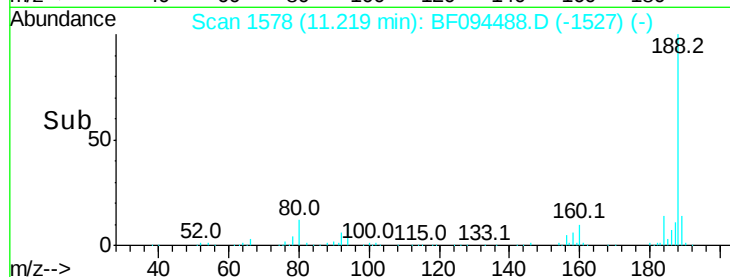
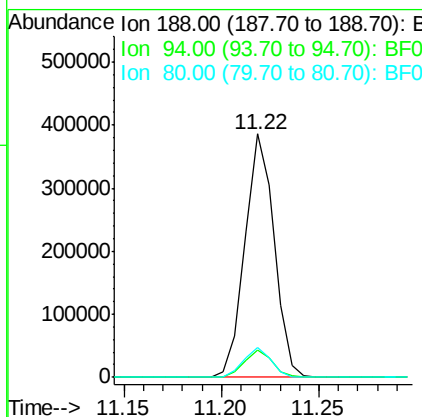
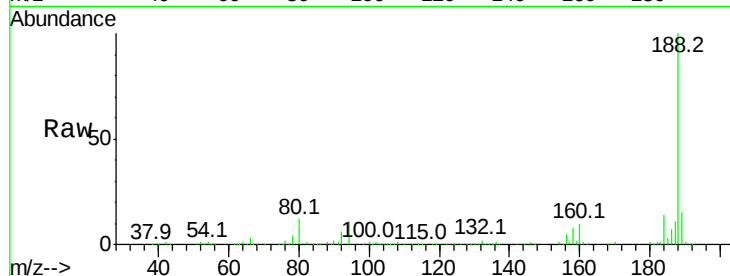
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	400570		
94	11.1		9.4	14.2
80	12.1		10.2	15.2

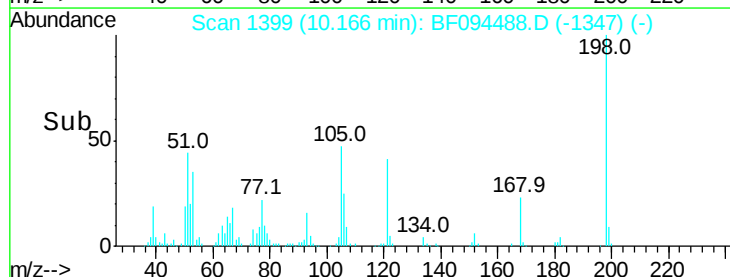
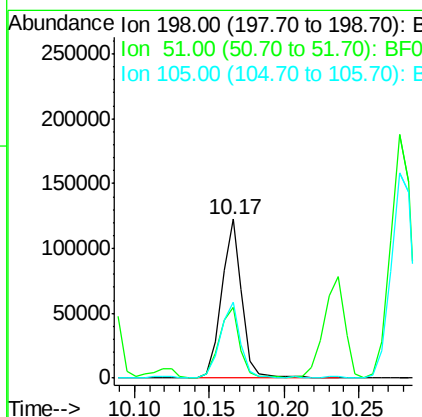
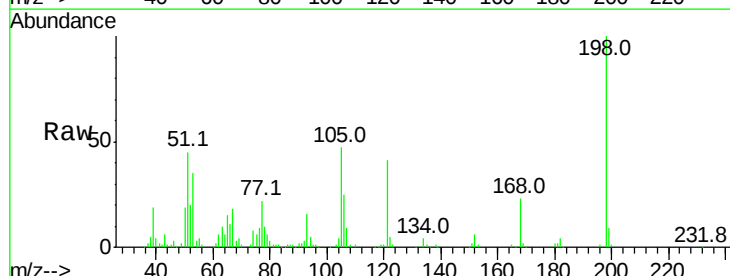
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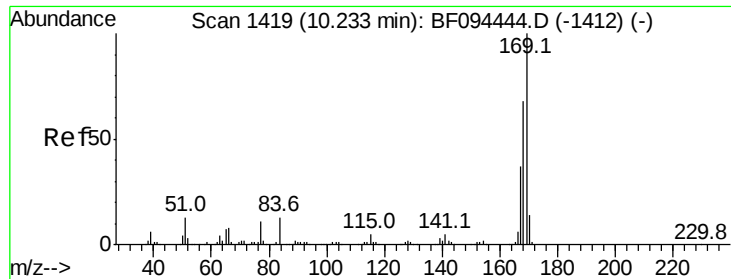
mohammad
4/19/2017 1:33:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.41 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	116553		
51	44.6		53.2	93.2#
105	47.4		45.8	85.8





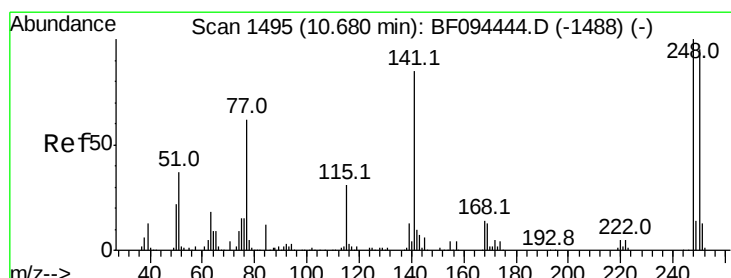
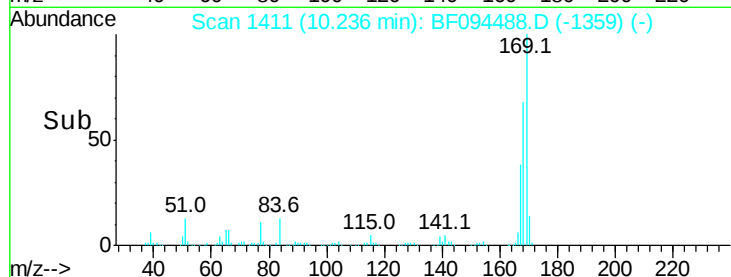
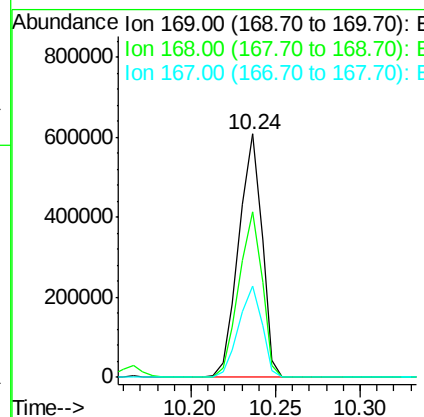
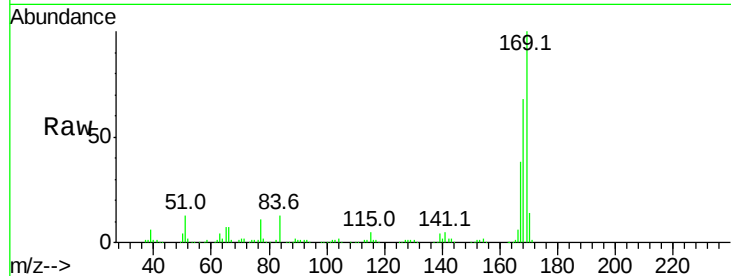
#65
n-Nitrosodiphenylamine
Concen: 41.90 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	583764		
168	67.9	53.2	79.8	
167	37.7	29.5	44.3	

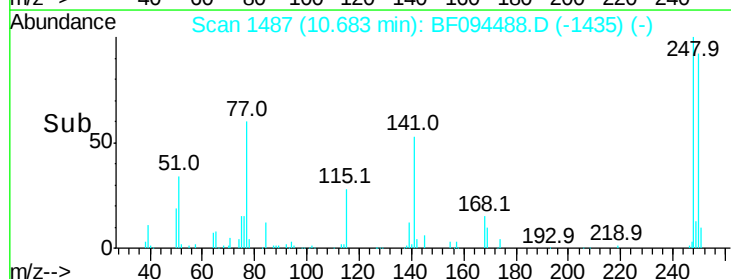
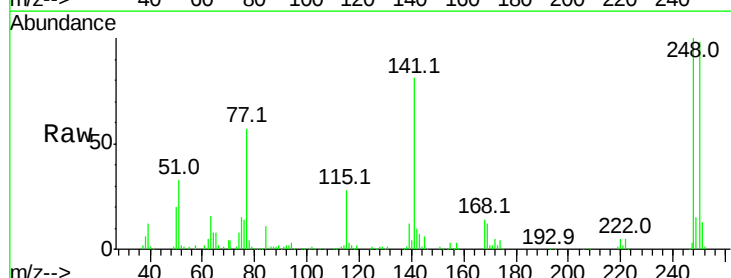
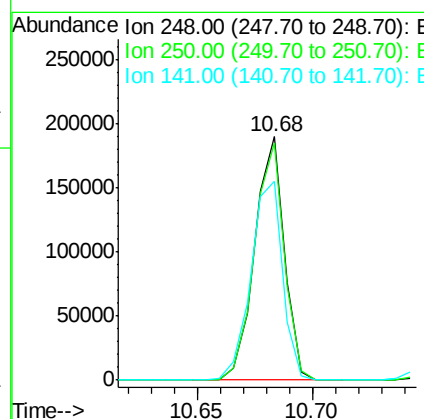
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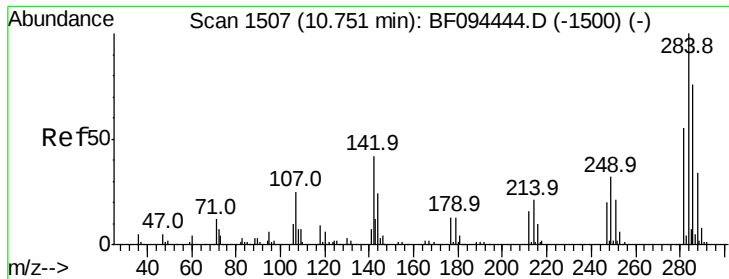
mohammad
4/19/2017 1:33:10 PM



#66
4-Bromophenyl-phenylether
Concen: 42.80 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170231		
250	97.6	76.8	115.2	
141	81.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.43 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

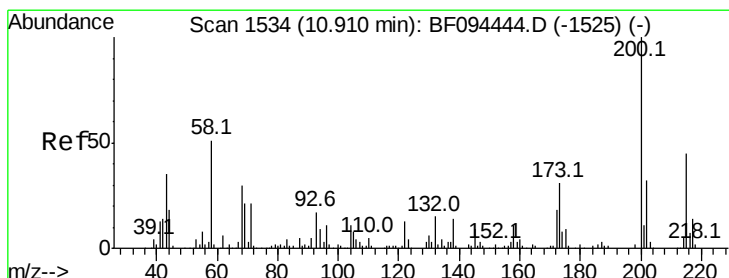
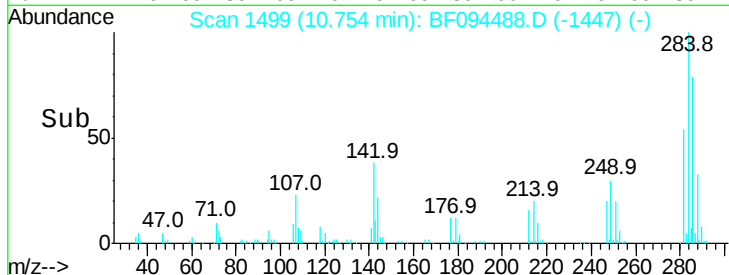
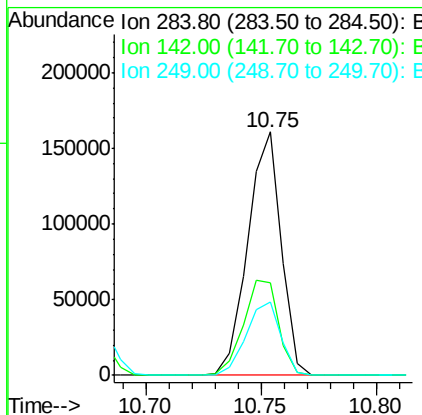
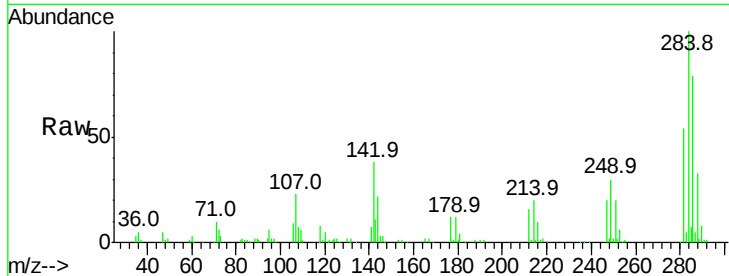
ClientSampleId :

SSTDCCC040EC

Tot Ion:	284	Resp:	162051
Ion Ratio		Lower	Upper
284	100		
142	38.0	22.8	34.2#
249	30.4	24.0	36.0

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#68

Atrazine

Concen: 42.45 ng

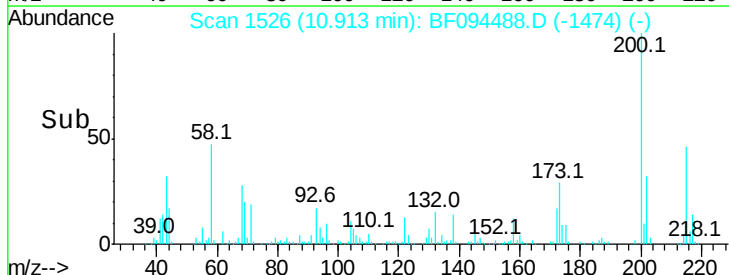
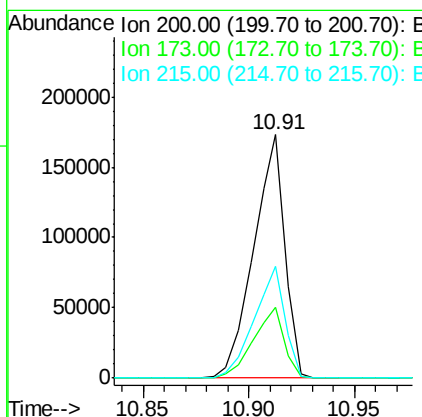
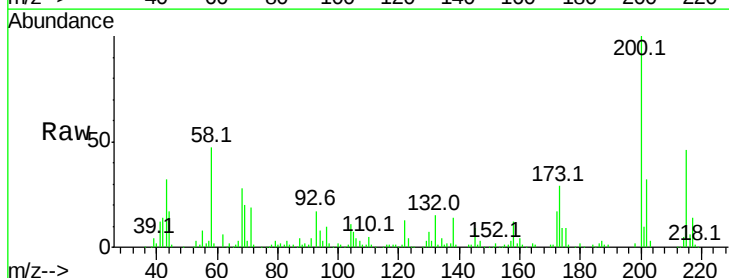
RT: 10.91 min Scan# 1526

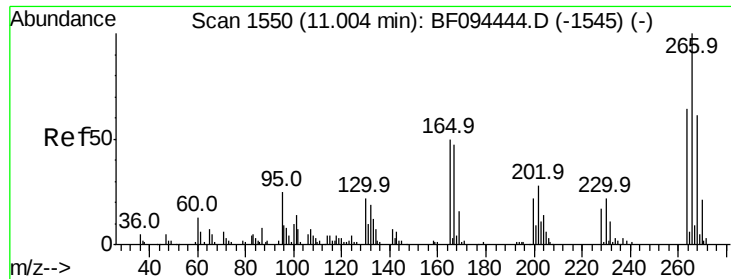
Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion:	200	Resp:	176928
Ion Ratio		Lower	Upper
200	100		
173	28.9	6.3	46.3
215	45.8	27.2	67.2





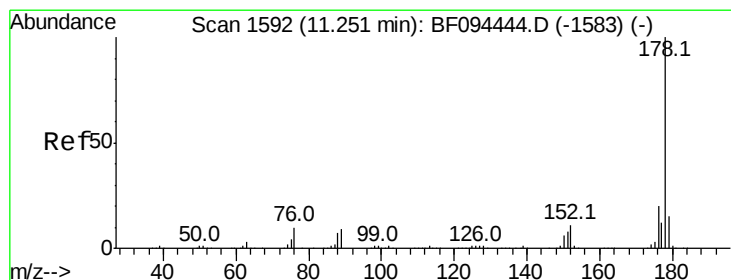
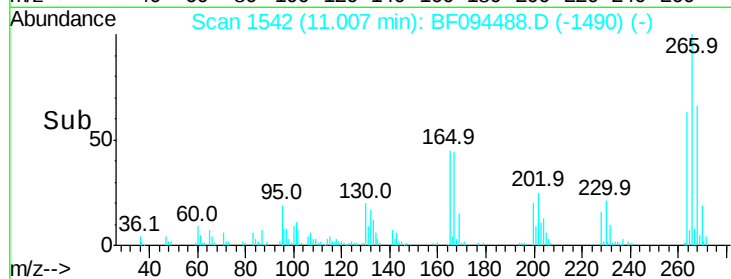
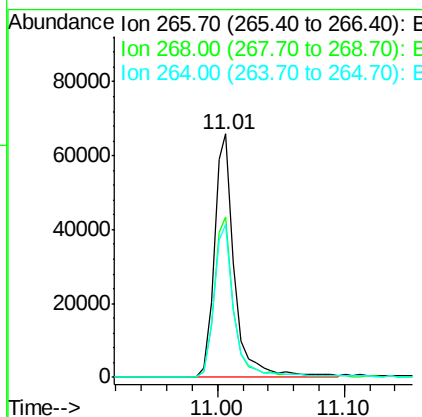
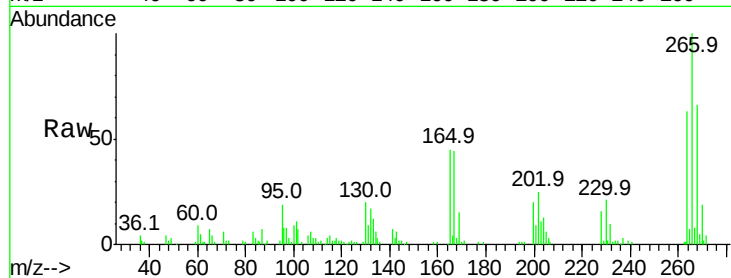
#69
 Pentachlorophenol
 Concen: 46.47 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.1	76.7
264	62.9	51.7	77.5

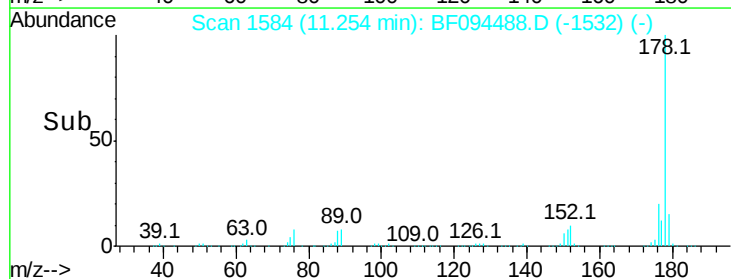
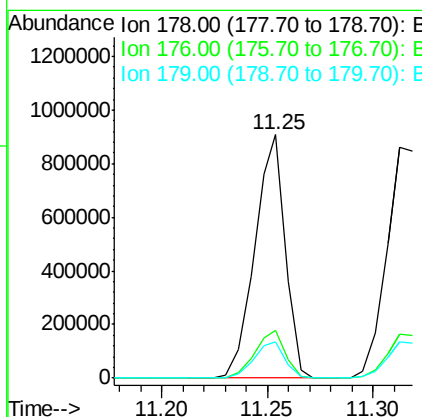
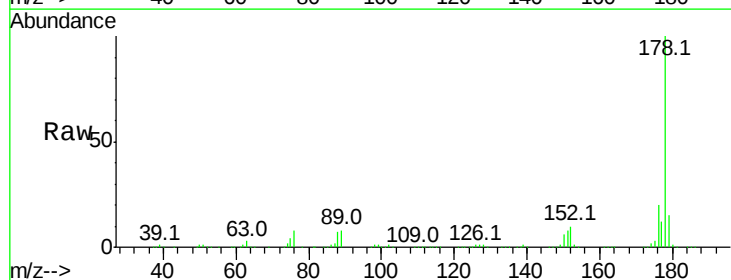
Manual Integrations
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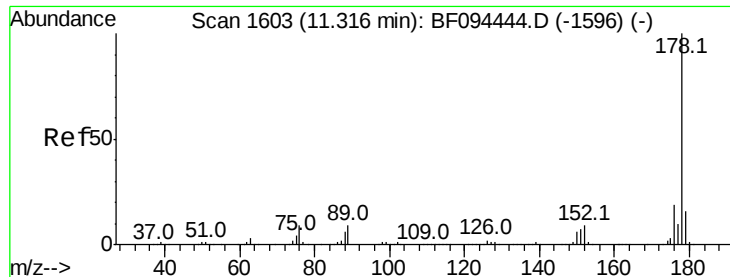
mohammad
 4/19/2017 1:33:10 PM



#70
 Phenanthrene
 Concen: 40.10 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.1	12.6	19.0





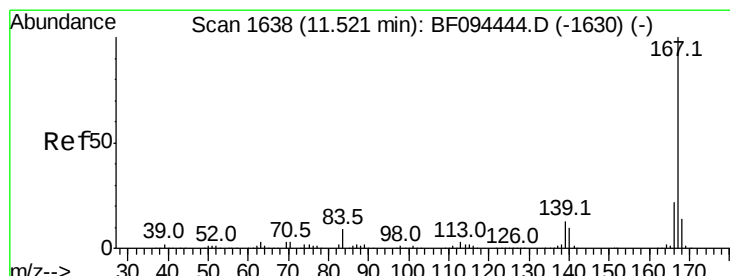
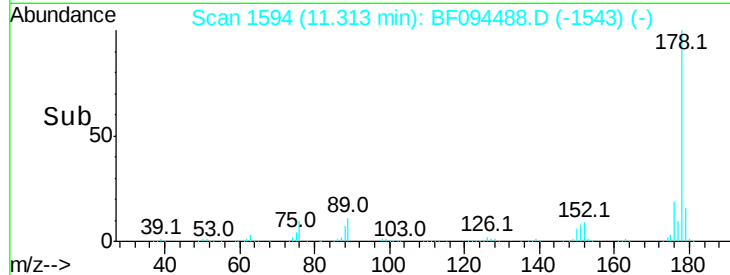
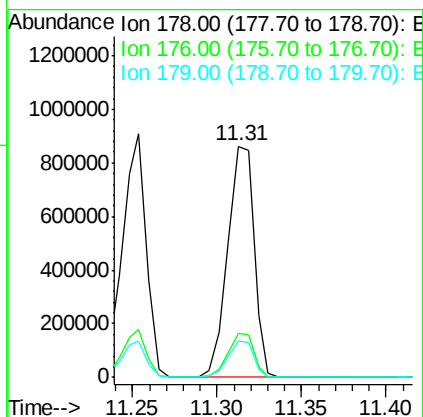
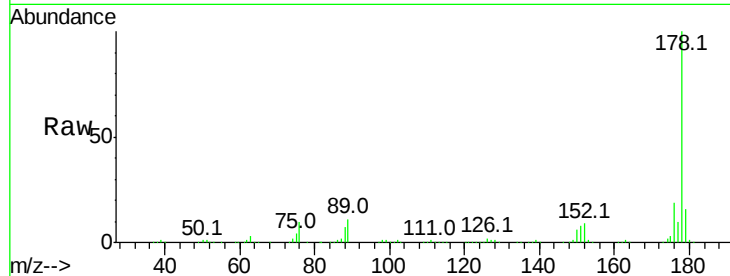
#71
 Anthracene
 Concen: 40.26 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.9	12.7	19.1

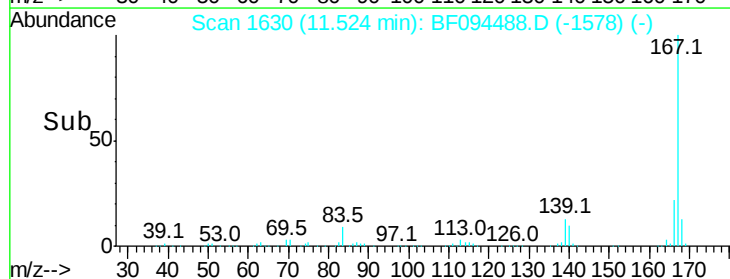
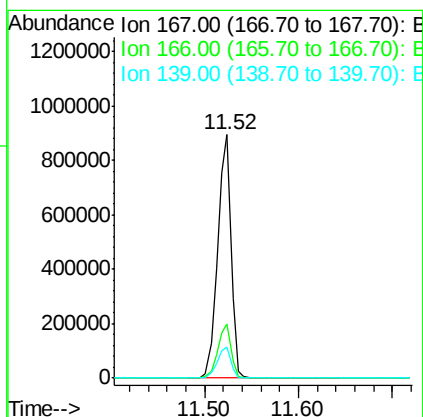
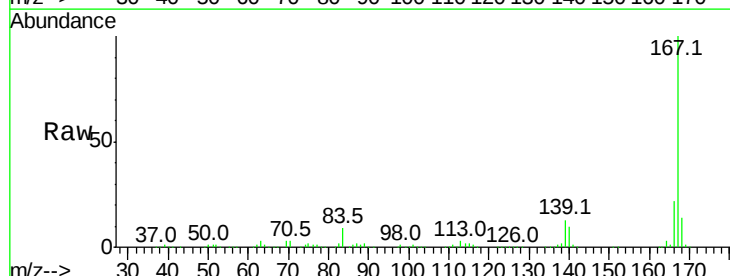
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#72
 Carbazole
 Concen: 40.77 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	12.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.15 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1064602

Ion Ratio Lower Upper

149 100

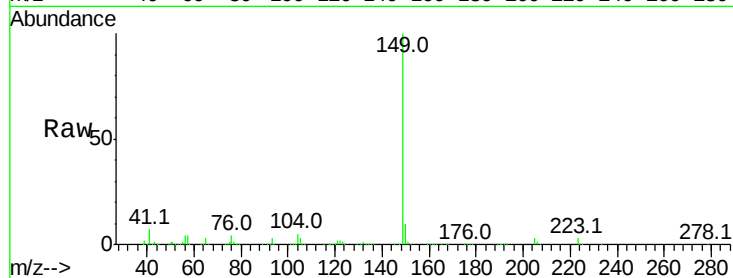
150 9.5 7.7 11.5

104 4.6 4.0 6.0

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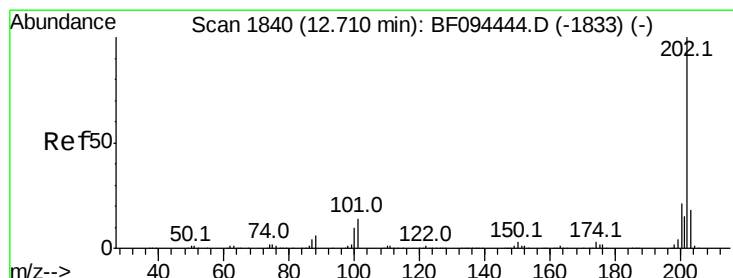
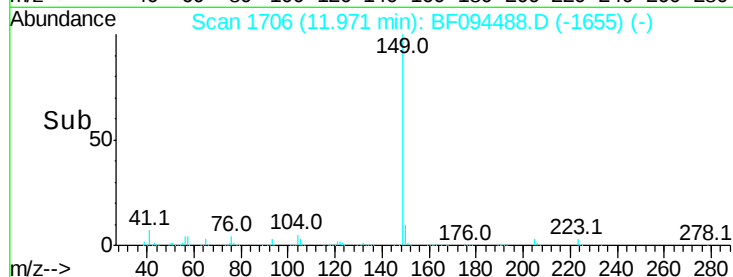
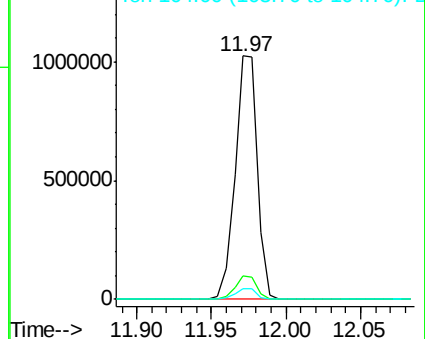
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.76 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

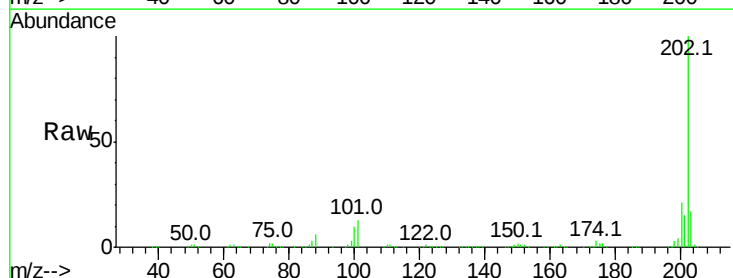
Tgt Ion:202 Resp: 976349

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

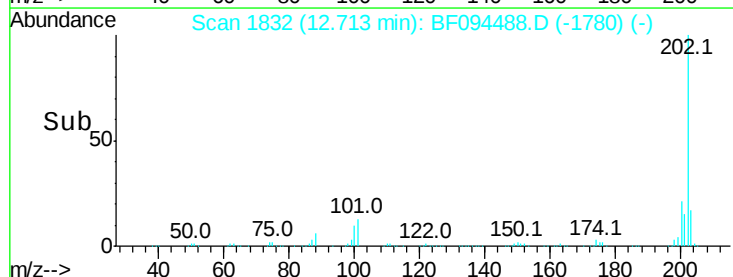
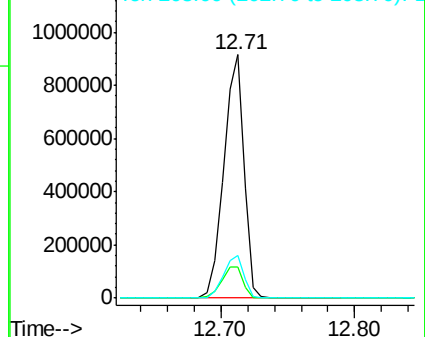
203 17.4 0.0 38.1

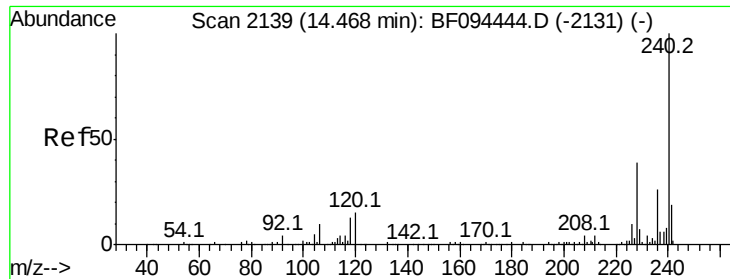


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





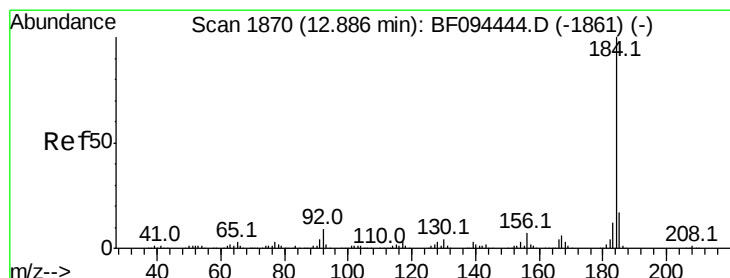
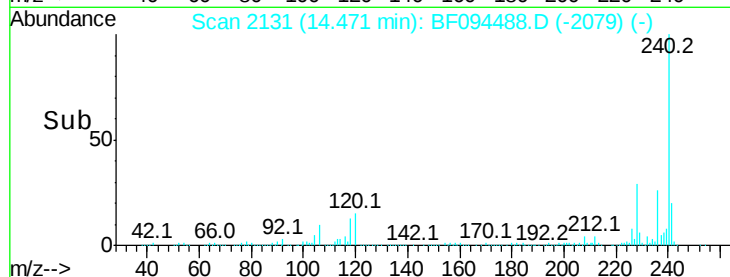
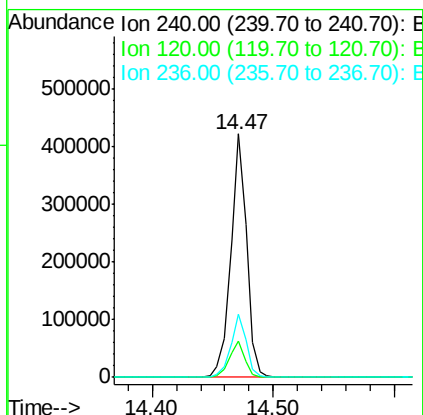
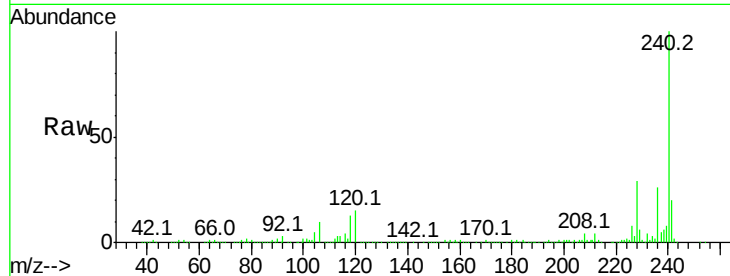
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.2	20.5	30.7

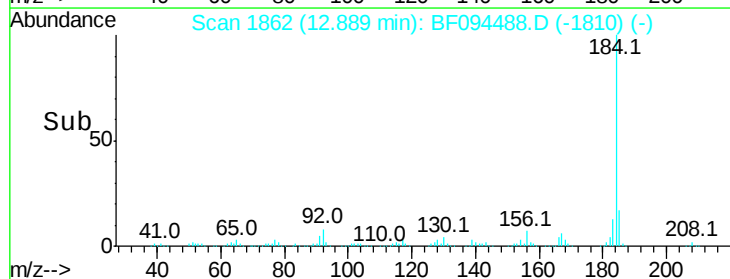
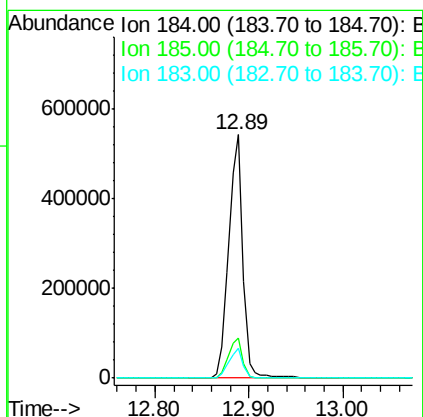
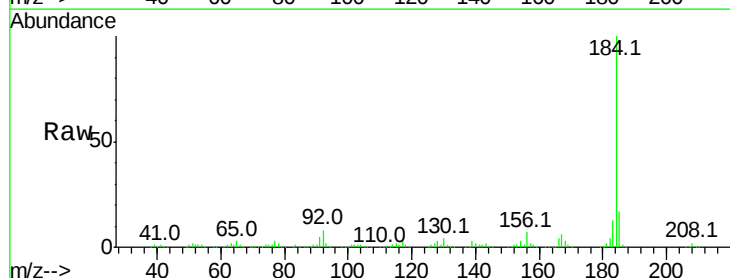
Manual Integrations
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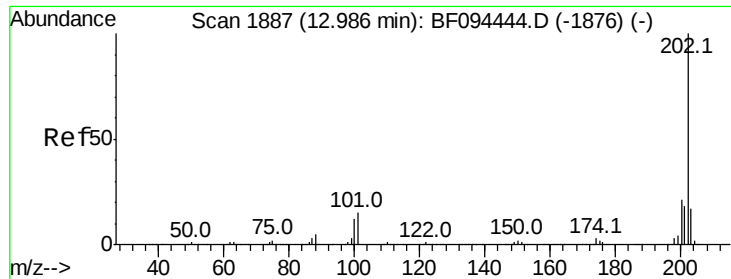
mohammad
4/19/2017 1:33:10 PM



#76
Benzidine
Concen: 36.48 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	15.5	23.3
183	12.5	9.8	14.6





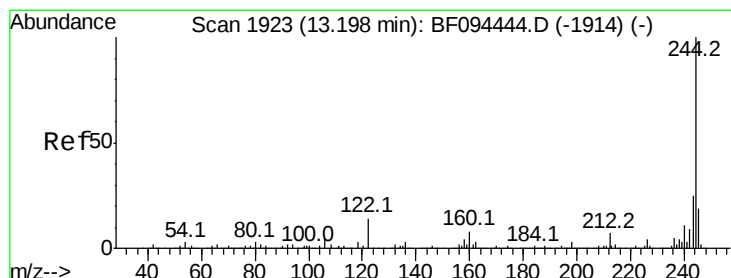
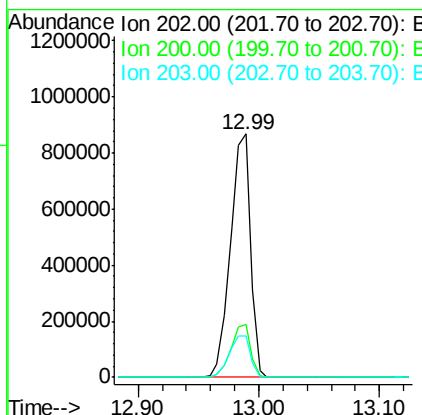
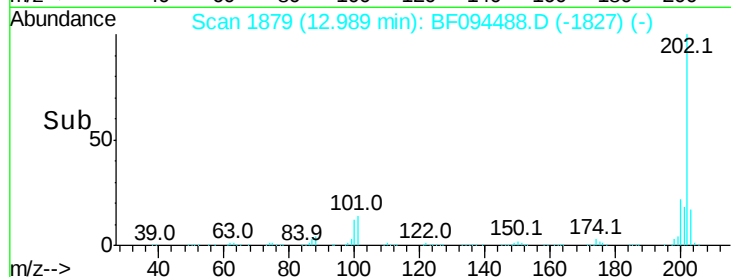
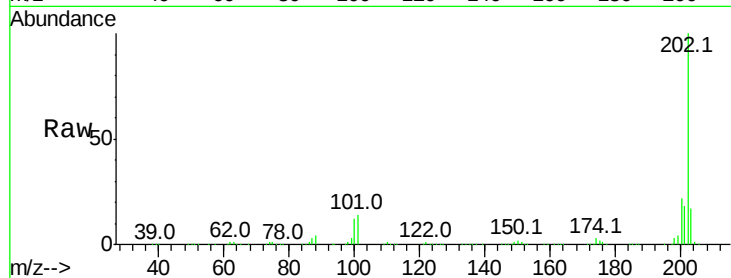
#77
Pvrene
Concen: 37.29 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.1	14.4	21.6

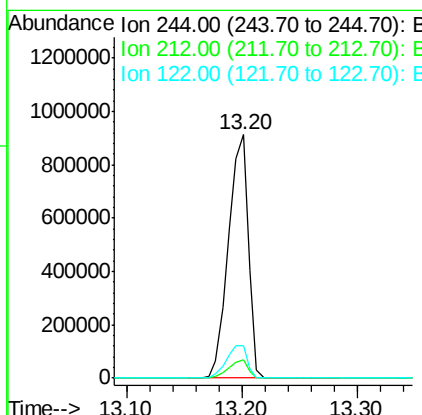
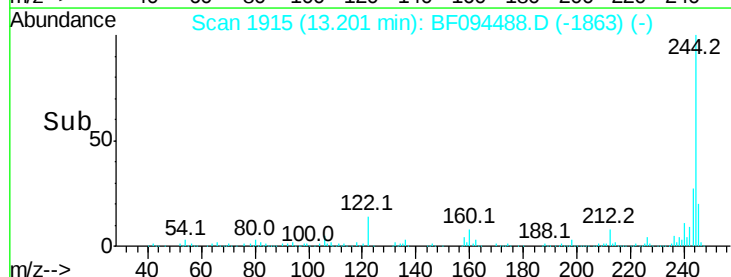
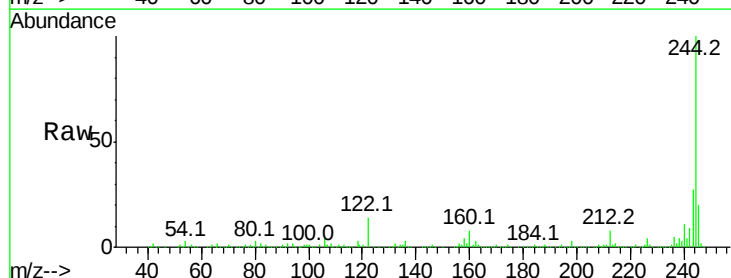
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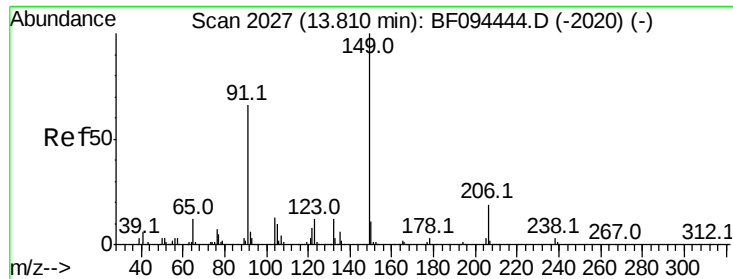
mohammad
4/19/2017 1:33:10 PM



#78
Terphenyl-d14
Concen: 75.37 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.6	10.3	15.5





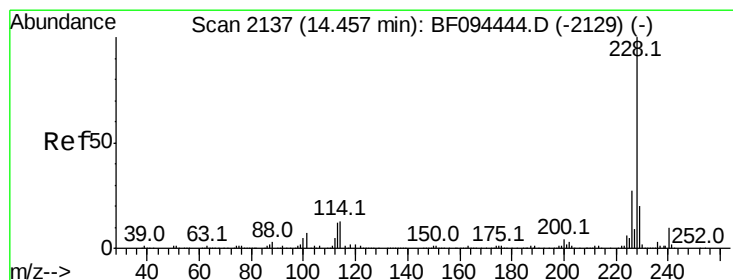
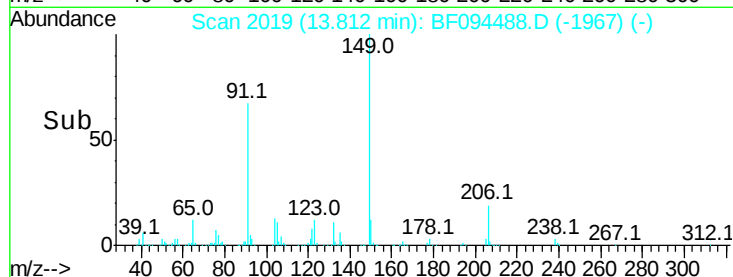
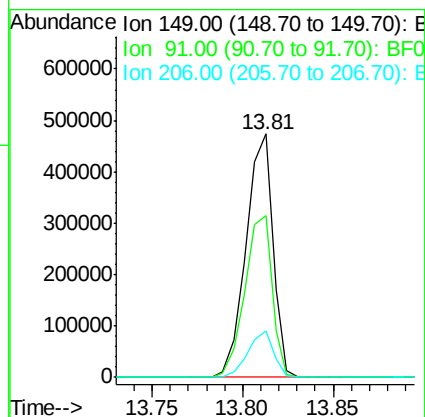
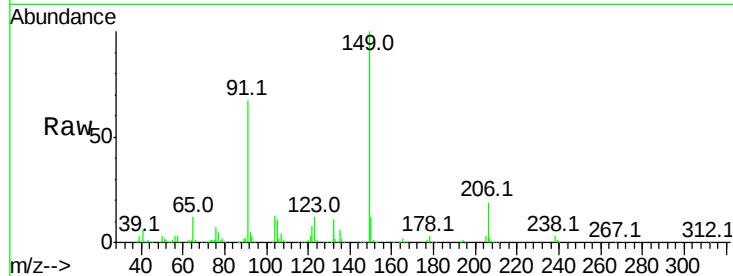
#79
Butylbenzylphthalate
Concen: 41.30 ng
RT: 13.81 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	45.0	67.4
206	19.1	17.0	25.6

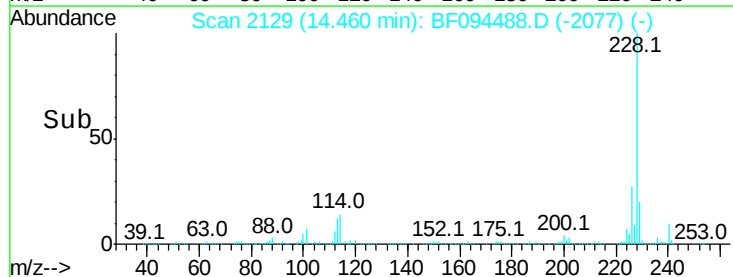
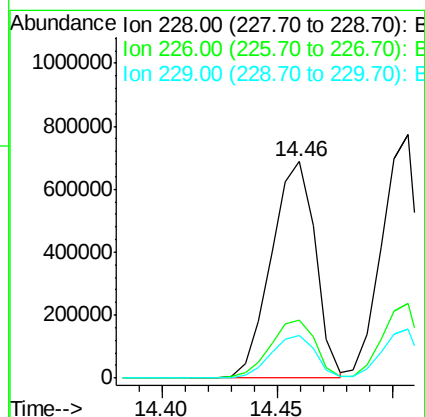
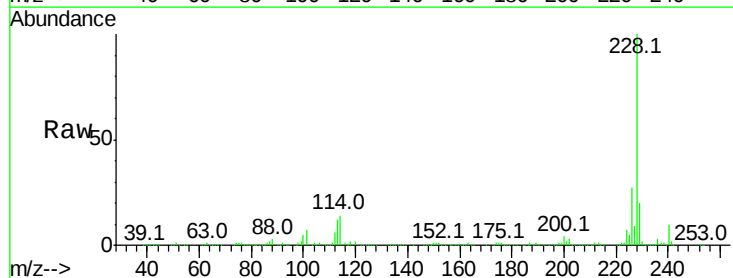
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 40.42 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	16.3	24.5





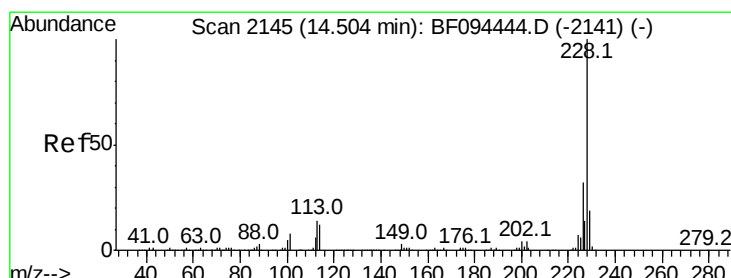
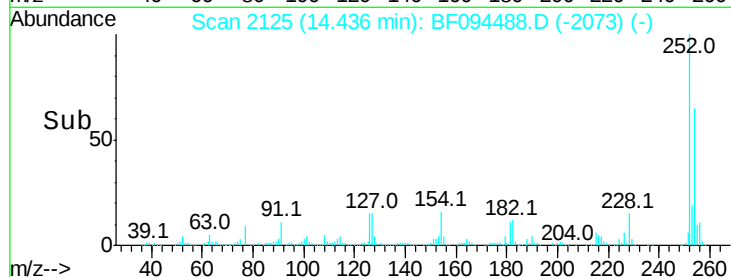
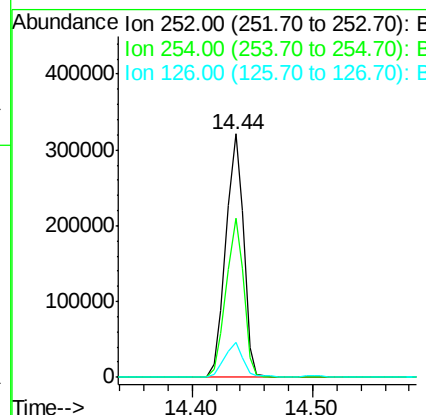
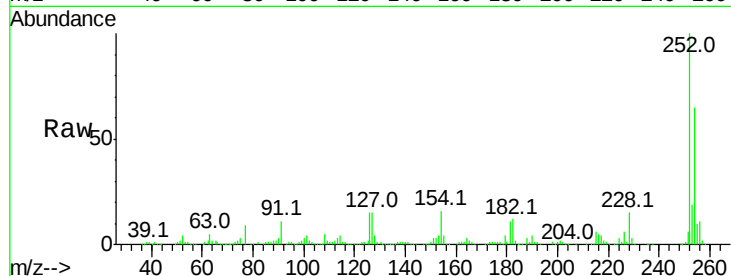
#81
 3,3'-Dichlorobenzidine
 Concen: 41.25 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	14.6	15.8	23.8

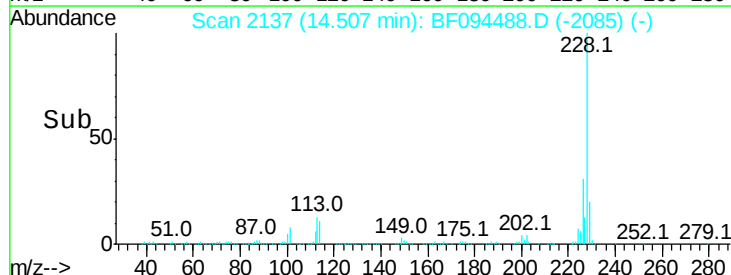
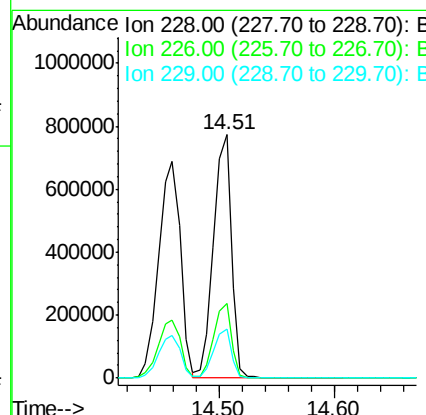
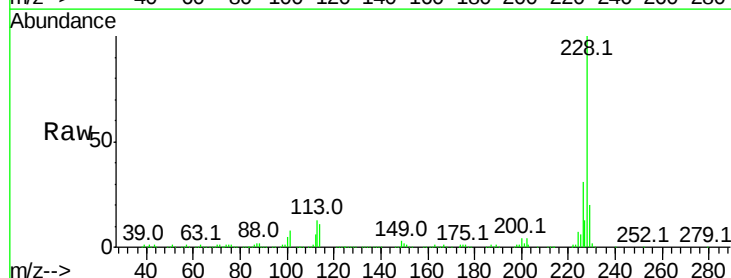
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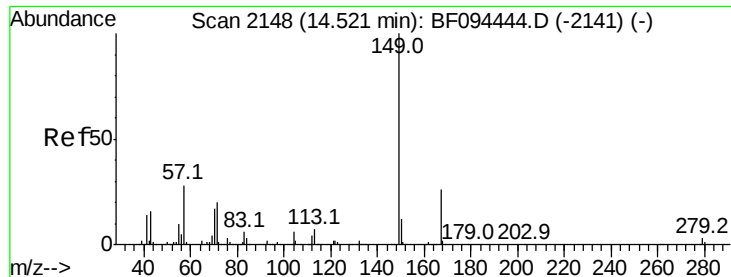
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#82
 Chrysene
 Concen: 41.06 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.9	15.8	23.6





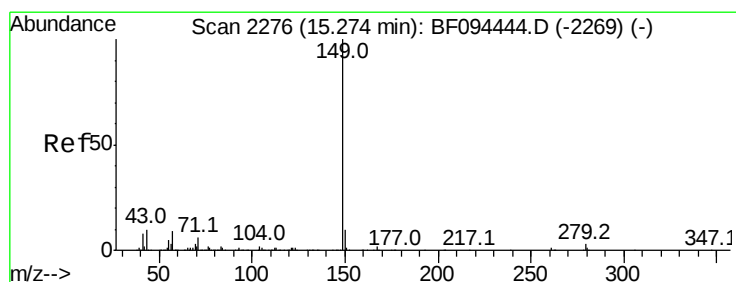
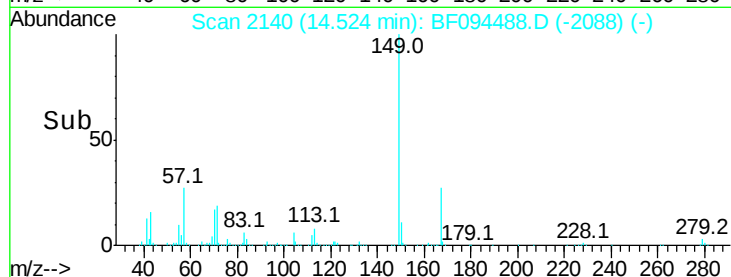
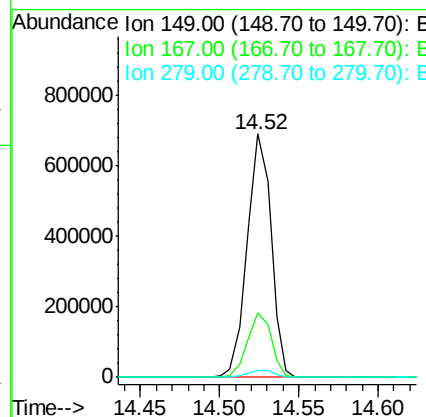
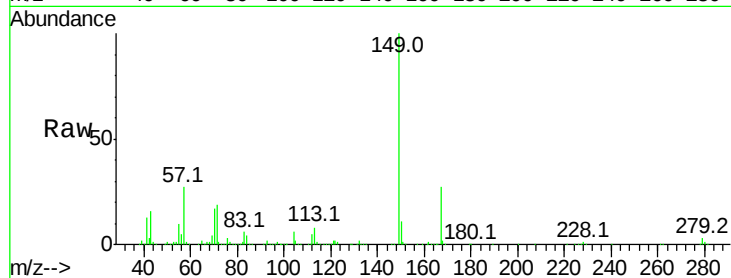
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.63 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.0	1.9	2.9#

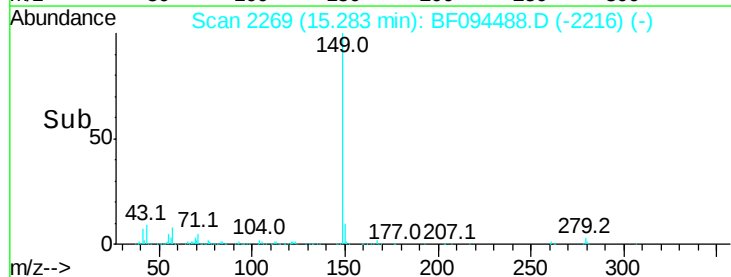
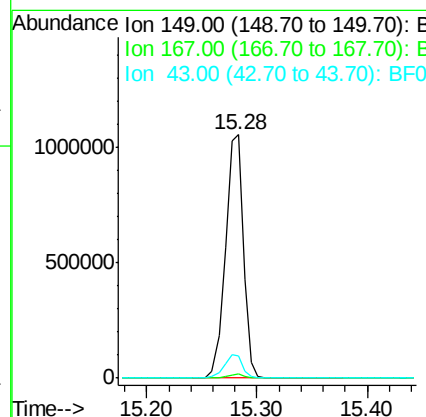
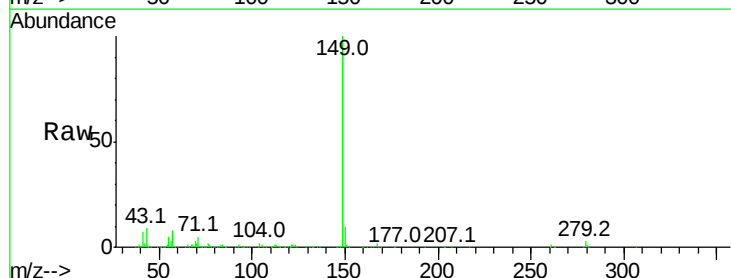
Manual Integrations
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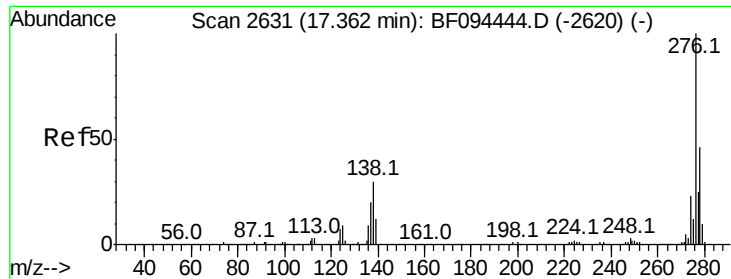
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 44.85 ng
 RT: 15.28 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.5	12.7





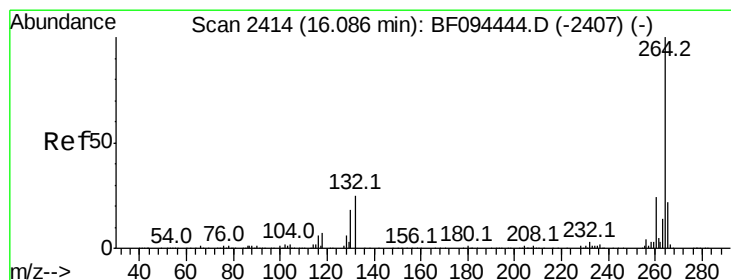
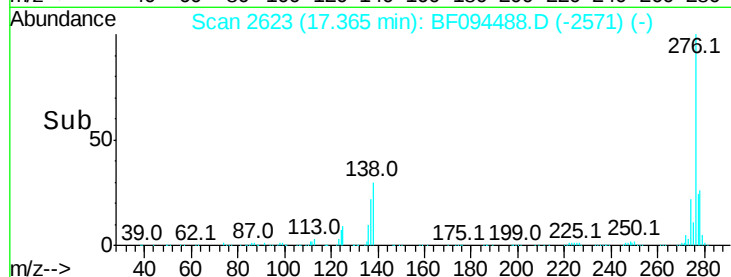
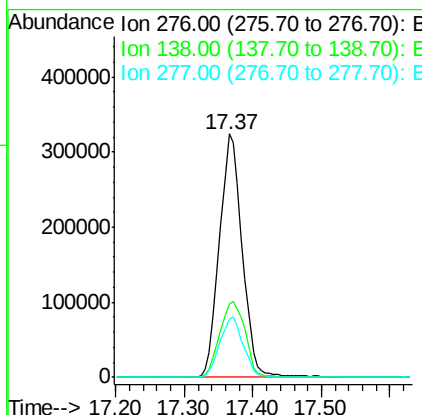
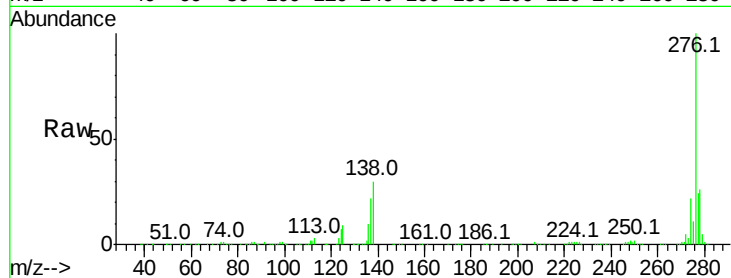
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.35 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.5	20.2	30.4

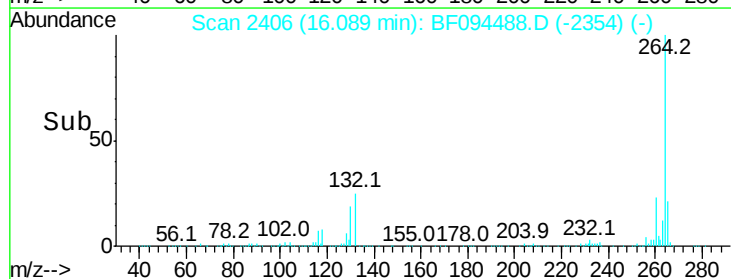
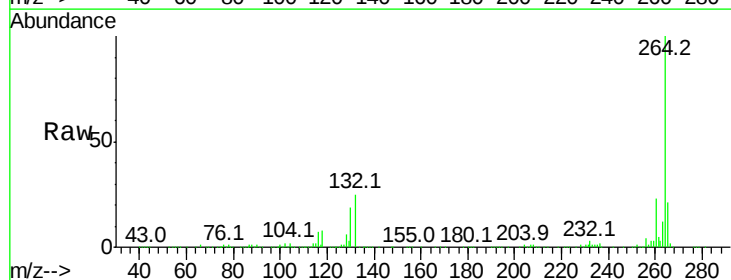
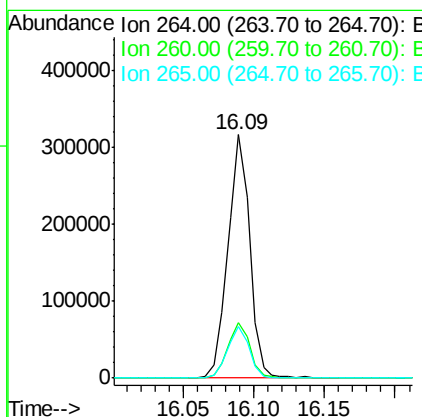
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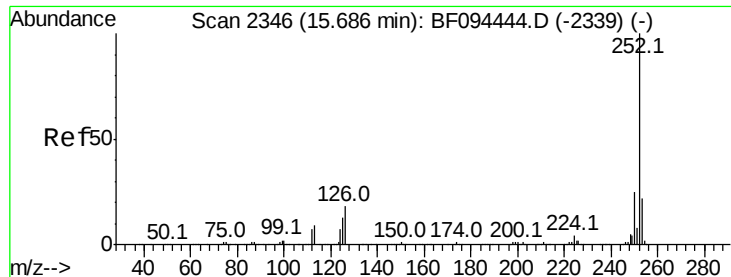
mohammad
 4/19/2017 1:33:10 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.96 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Instrument :

BNA_F

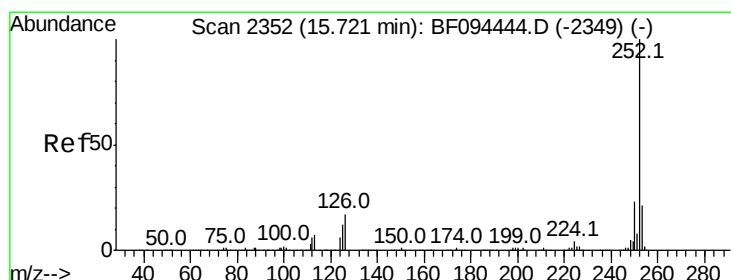
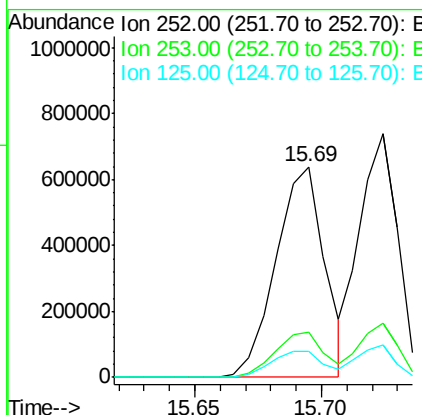
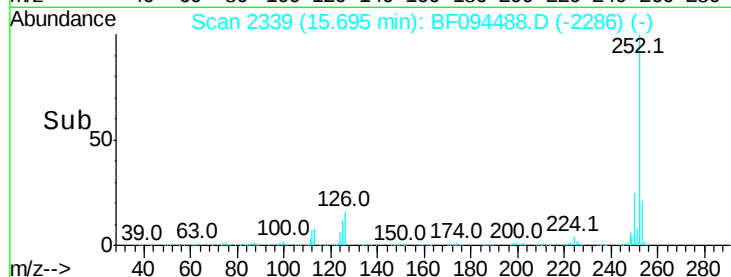
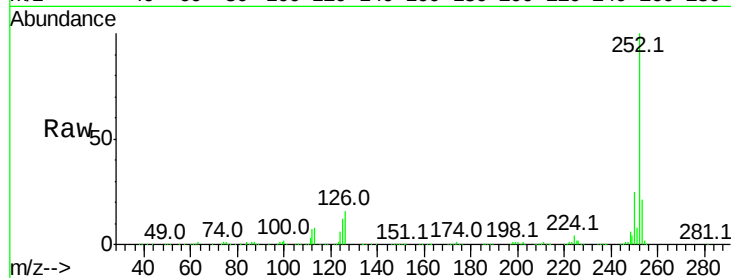
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	12.3	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.39 ng

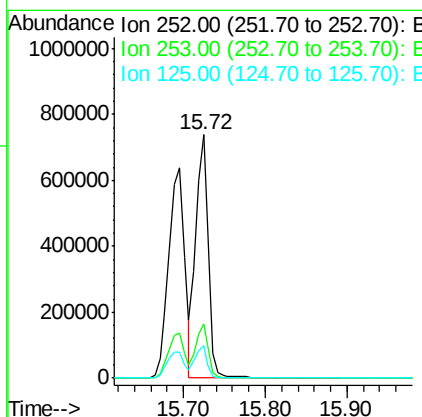
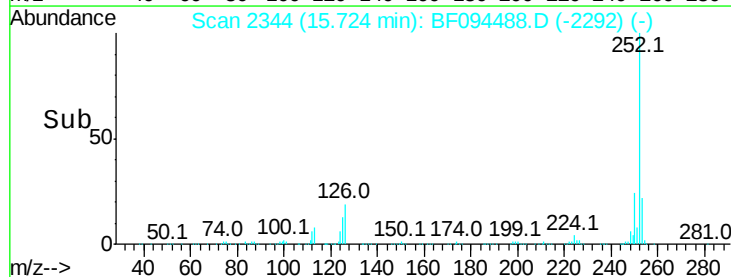
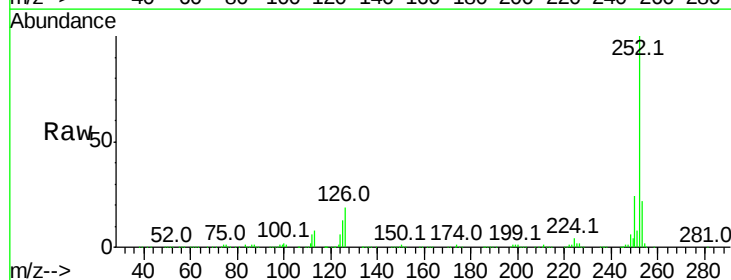
RT: 15.72 min Scan# 2344

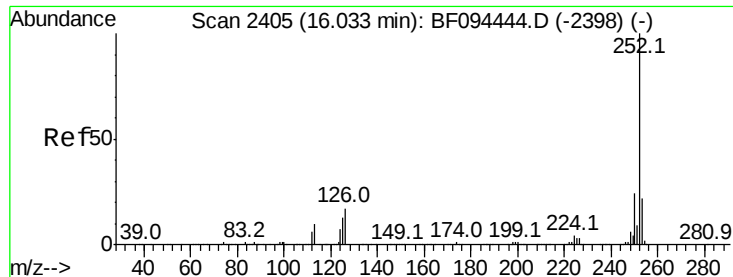
Delta R.T. 0.00 min

Lab File: BF094488.D

Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.3	13.1	19.7





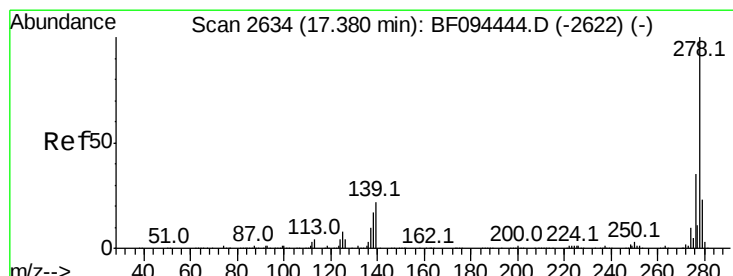
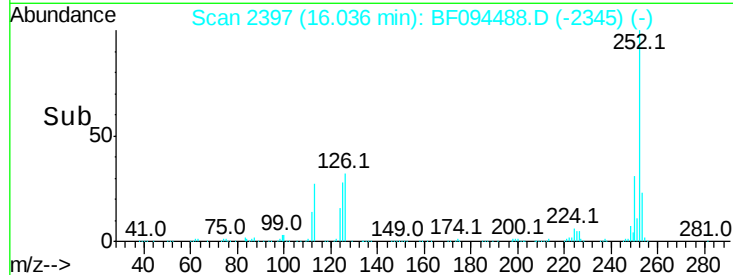
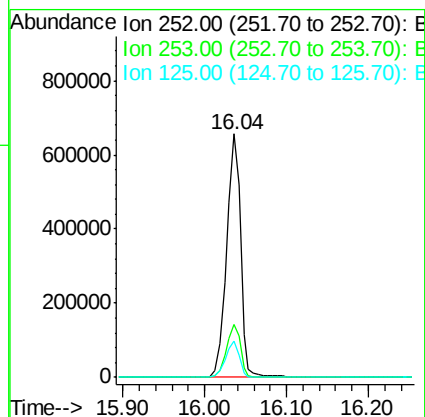
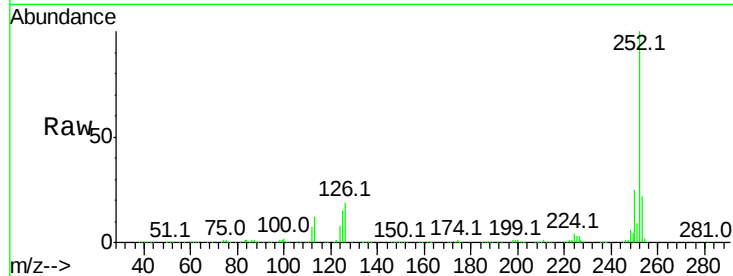
#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.8	11.0	16.4

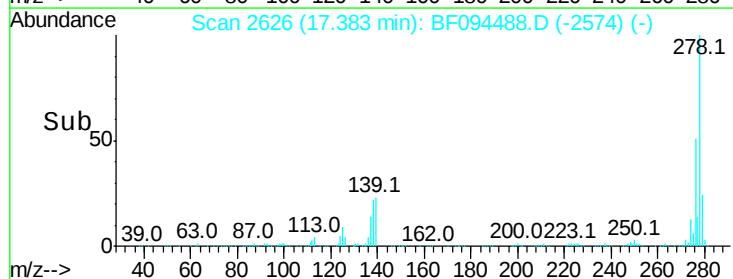
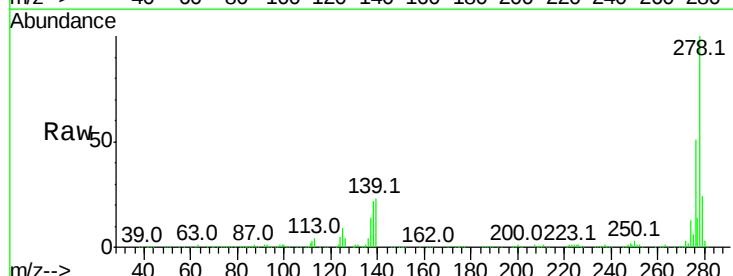
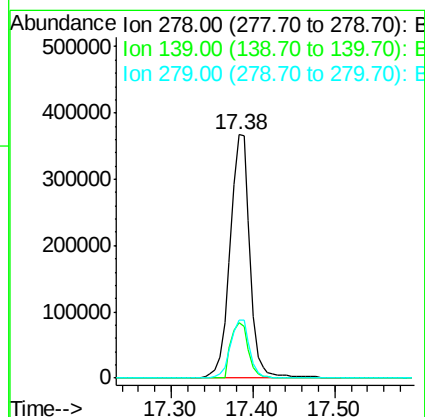
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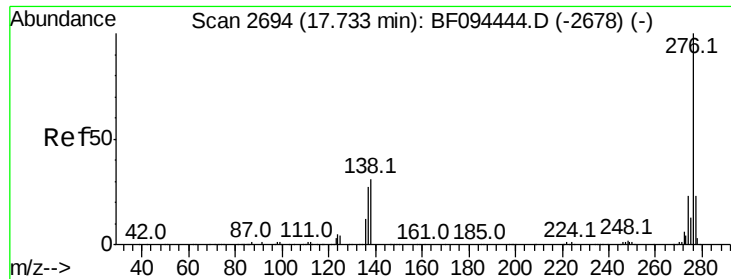
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 38.68 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094488.D
Acq: 18 Apr 2017 15:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	23.9	19.3	28.9





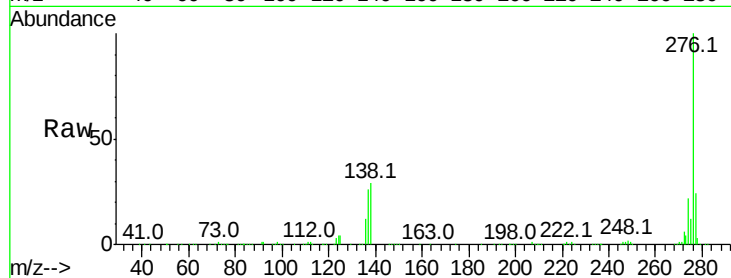
#91
 Benzo(a,h,i)perylene
 Concen: 36.05 ng
 RT: 17.74 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BF094488.D
 Acq: 18 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

