

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094490.D
 Acq On : 18 Apr 2017 16:50
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/19/2017 1:33:21 PM

Quant Time: Apr 19 02:01:53 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	114432	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	489350	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	217632	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	417940	20.00	ng	0.00
75) Chrysene-d12	14.47	240	381902	20.00	ng	0.00
86) Perylene-d12	16.09	264	338563	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.32	112	600649	87.08	ng	0.01
7) Phenol-d6	5.40	99	681442	83.80	ng	0.00
23) Nitrobenzene-d5	6.42	82	634777	80.10	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	150265	88.27	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1175357	79.46	ng	0.00
78) Terphenyl-d14	13.20	244	1091645	76.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.09	88	174015	43.38	ng	97
3) Pyridine	2.61	79	388365	44.30	ng	98
4) n-Nitrosodimethylamine	2.57	42	150495	41.49	ng	85
6) Aniline	5.40	93	448460	41.50	ng	90
8) 2-Chlorophenol	5.54	128	336233	42.84	ng	95
9) Benzaldehyde	5.27	77	240328	38.85	ng	97
10) Phenol	5.41	94	420843	42.13	ng	95
11) bis(2-Chloroethyl)ether	5.48	93	312149	42.78	ng	96
12) 1,3-Dichlorobenzene	5.71	146	373543	42.96	ng	99
13) 1,4-Dichlorobenzene	5.79	146	365758	41.81	ng	96
14) 1,2-Dichlorobenzene	5.97	146	337935	41.94	ng	97
15) Benzyl Alcohol	5.95	79	243730	40.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	419317	43.83	ng	77
17) 2-Methylphenol	6.10	107	264965	42.86	ng	94
18) Hexachloroethane	6.35	117	131726	43.92	ng	# 84
19) n-Nitroso-di-n-propylamine	6.26	70	233095	43.26	ng	96
20) 3+4-Methylphenols	6.28	107	367271	43.72	ng	# 63
22) Acetophenone	6.25	105	470208	39.52	ng	# 86
24) Nitrobenzene	6.44	77	338714	40.59	ng	96
25) Isophorone	6.74	82	589453	40.12	ng	95
26) 2-Nitrophenol	6.82	139	186797	41.66	ng	99
27) 2,4-Dimethylphenol	6.90	122	292010	40.10	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	386485	40.67	ng	99
29) 2,4-Dichlorophenol	7.12	162	274092	40.46	ng	98
30) 1,2,4-Trichlorobenzene	7.21	180	280970	40.11	ng	98
31) Naphthalene	7.30	128	931663	39.60	ng	100
32) Benzoic acid	7.07	122	158128	41.06	ng	98
33) 4-Chloroaniline	7.37	127	402940	41.17	ng	94
34) Hexachlorobutadiene	7.45	225	142501	40.81	ng	98
35) Caprolactam	7.82	113	89325m	41.97	ng	
36) 4-Chloro-3-methylphenol	7.99	107	272046	38.32	ng	90
37) 2-Methylnaphthalene	8.14	142	641139	39.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	256716	41.42	ng	98
40) Hexachlorocyclopentadiene	8.33	237	114331	45.60	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
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Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

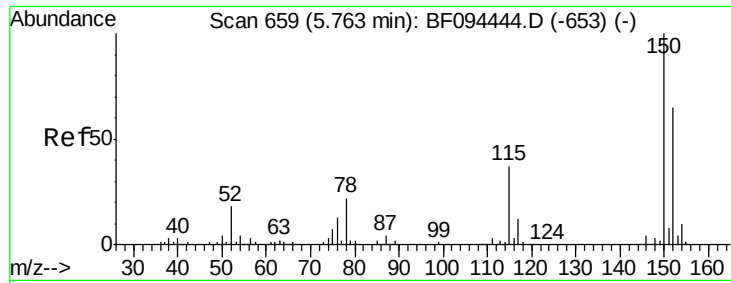
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	172490	39.63	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	177431	39.70	nq	# 91
45) 1,1'-Biphenyl	8.71	154	692024	38.92	nq	98
46) 2-Chloronaphthalene	8.72	162	556442	39.36	nq	95
47) 2-Nitroaniline	8.86	65	162521	39.96	nq	# 85
48) Acenaphthylene	9.23	152	877857	39.83	nq	99
49) Dimethylphthalate	9.10	163	681101	41.99	nq	99
50) 2,6-Dinitrotoluene	9.17	165	153183	42.08	nq	# 89
51) Acenaphthene	9.44	154	533878	40.44	nq	98
52) 3-Nitroaniline	9.37	138	176249	41.85	nq	87
53) 2,4-Dinitrophenol	9.51	184	73855	40.46	nq	# 66
54) Dibenzofuran	9.65	168	787812	41.06	nq	99
55) 4-Nitrophenol	9.62	139	119456	40.15	nq	# 79
56) 2,4-Dinitrotoluene	9.66	165	196548	44.00	nq	# 69
57) Fluorene	10.08	166	624705	41.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	137306m	42.86	nq	
59) Diethylphthalate	9.97	149	634859	41.49	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	267877	43.08	nq	93
61) 4-Nitroaniline	10.12	138	166317	38.84	nq	97
62) Azobenzene	10.28	77	641124	43.15	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	114314	41.75	nq	# 68
65) n-Nitrosodiphenylamine	10.24	169	553404	38.07	nq	97
66) 4-Bromophenyl-phenylether	10.68	248	163204	39.33	nq	96
67) Hexachlorobenzene	10.75	284	164980	39.45	nq	# 90
68) Atrazine	10.91	200	178899	41.14	nq	97
69) Pentachlorophenol	11.00	266	77746	46.82	nq	96
70) Phenanthrene	11.25	178	938432	39.87	nq	97
71) Anthracene	11.31	178	971086	39.89	nq	99
72) Carbazole	11.52	167	920311	40.28	nq	97
73) Di-n-butylphthalate	11.97	149	1027849	40.85	nq	99
74) Fluoranthene	12.71	202	1004300	41.17	nq	98
76) Benzidine	12.89	184	596674	38.59	nq	96
77) Pyrene	12.98	202	1027273	38.50	nq	100
79) Butylbenzylphthalate	13.81	149	489387	41.85	nq	# 84
80) Benzo(a)anthracene	14.46	228	882309	39.75	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	311467	39.64	nq	# 96
82) Chrysene	14.51	228	809143	39.89	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	688623	43.86	nq	100
84) Di-n-octyl phthalate	15.28	149	1170023	44.43	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	743940	38.54	nq	100
87) Benzo(b)fluoranthene	15.69	252	835422	40.34	nq	99
88) Benzo(k)fluoranthene	15.72	252	767411	39.15	nq	95
89) Benzo(a)pyrene	16.04	252	759314	39.41	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	619642	38.73	nq	97
91) Benzo(g,h,i)perylene	17.74	276	584447	35.88	nq	97

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



#1

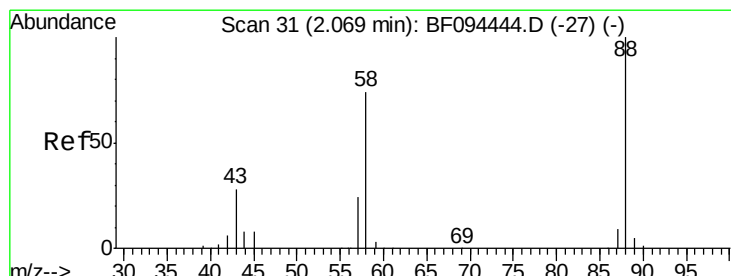
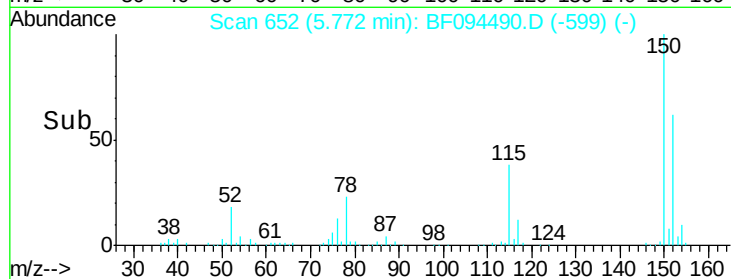
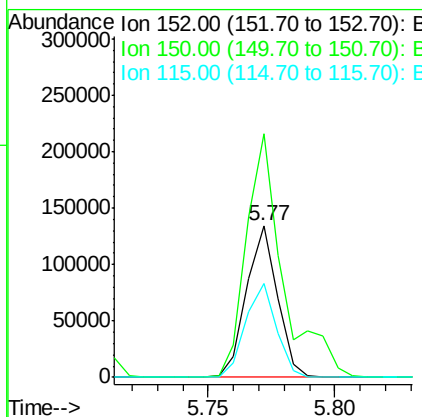
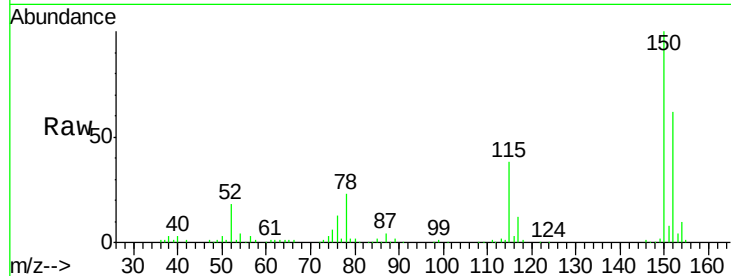
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.2	189.2
115	61.8	52.2	78.2

Manual Integrations
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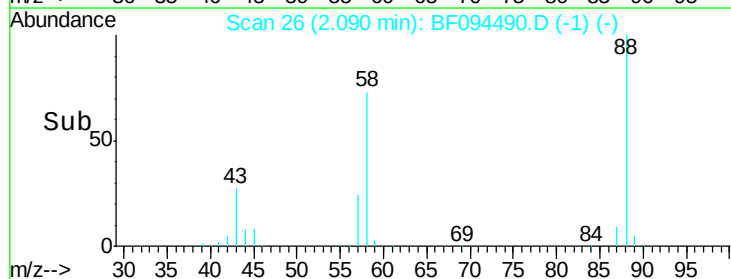
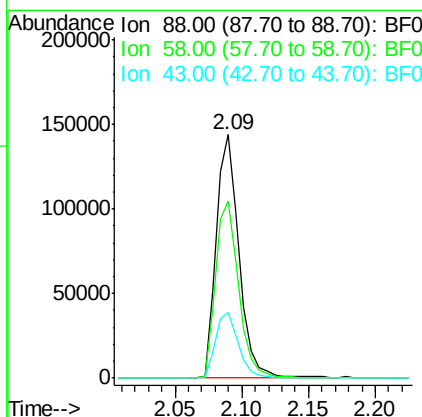
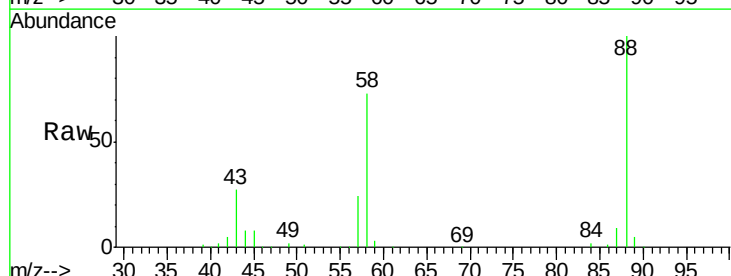
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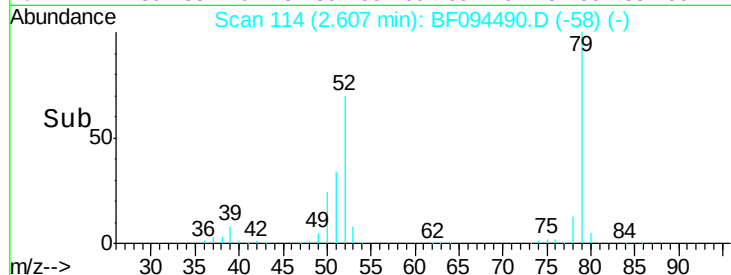
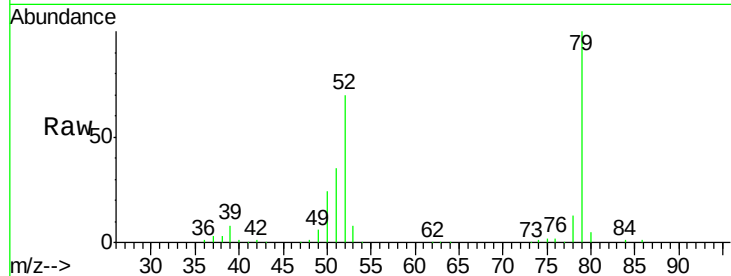
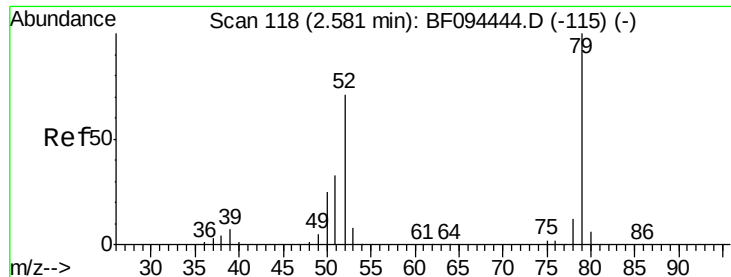


#2

1,4-Dioxane
Concen: 43.38 ng
RT: 2.09 min Scan# 26
Delta R.T. 0.02 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	61.4	92.0
43	27.5	23.4	35.0





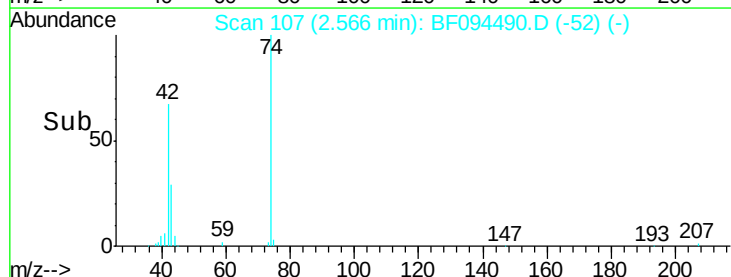
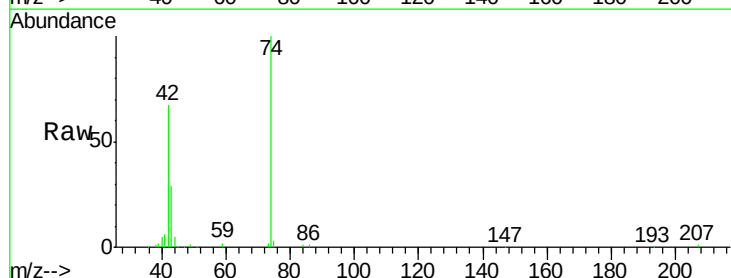
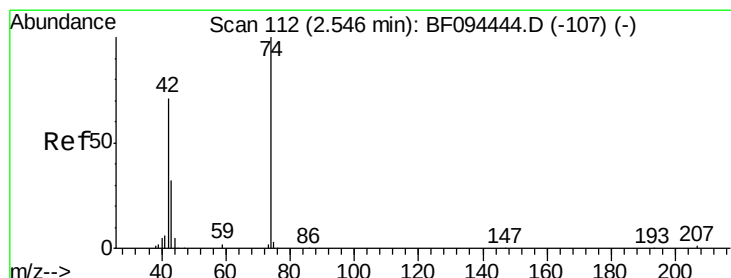
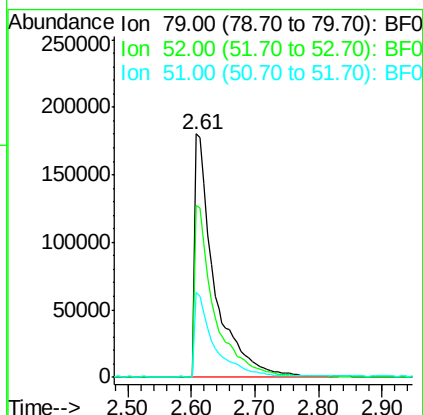
#3
 Pvridine
 Concen: 44.30 ng
 RT: 2.61 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		388365		
52	70.4	54.8		82.2	
51	34.8	27.0		40.4	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

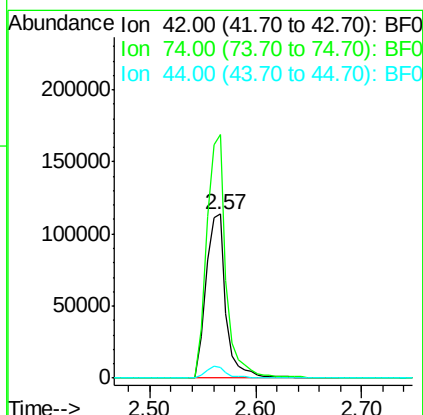
Manual Integrations
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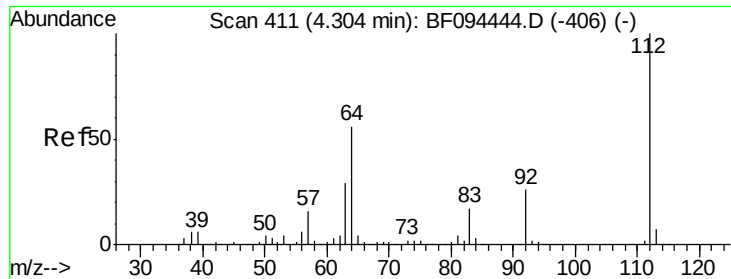
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#4
 n-Nitrosodimethylamine
 Concen: 41.49 ng
 RT: 2.57 min Scan# 107
 Delta R.T. 0.02 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		150495		
74	148.6	103.9		155.9	
44	6.9	5.7		8.5	





#5

2-Fluorophenol

Concen: 87.08 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

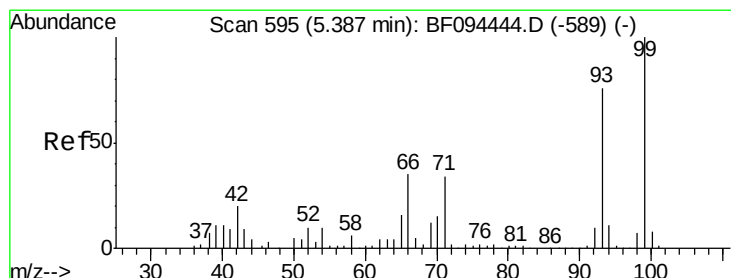
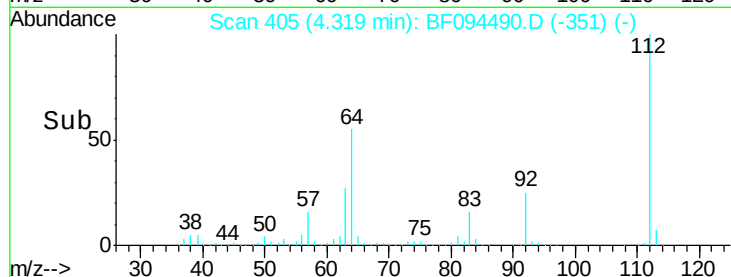
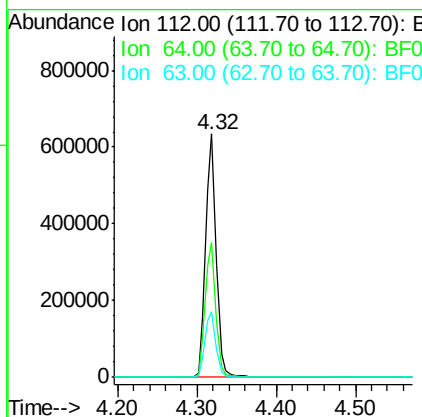
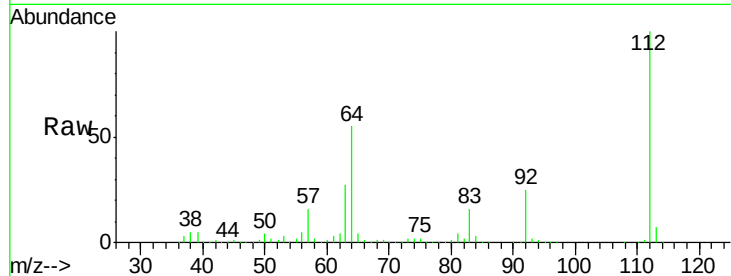
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	600649
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.0	23.4	35.0

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#6

Aniline

Concen: 41.50 ng

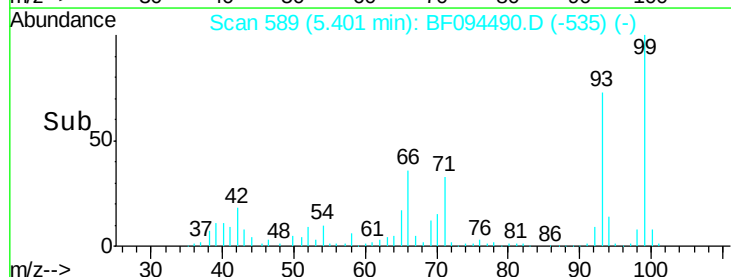
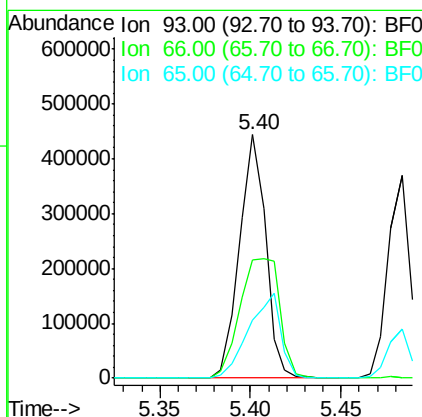
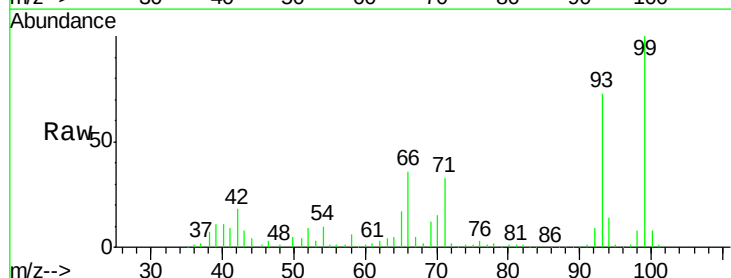
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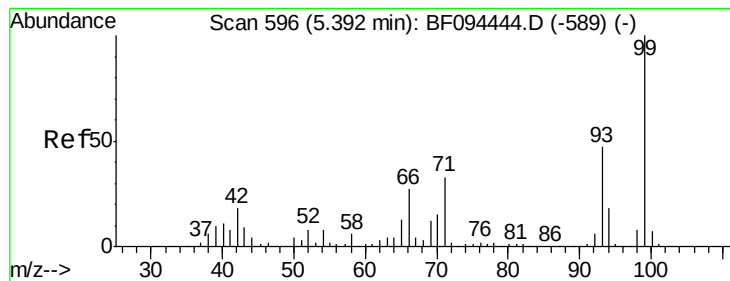
Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	93	Resp:	448460
Ion Ratio	Lower	Upper	
93	100		
66	48.4	32.9	49.3
65	23.6	16.0	24.0





#7

Phenol-d6

Concen: 83.80 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

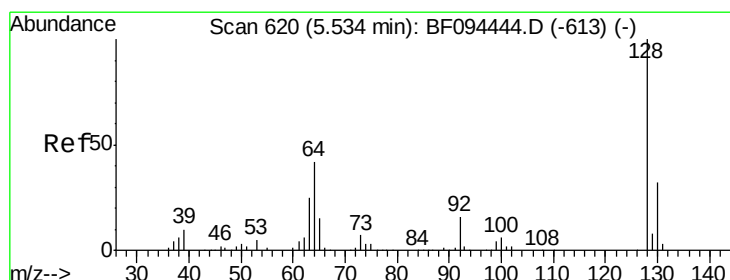
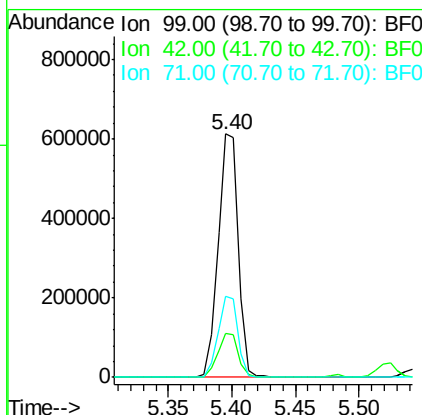
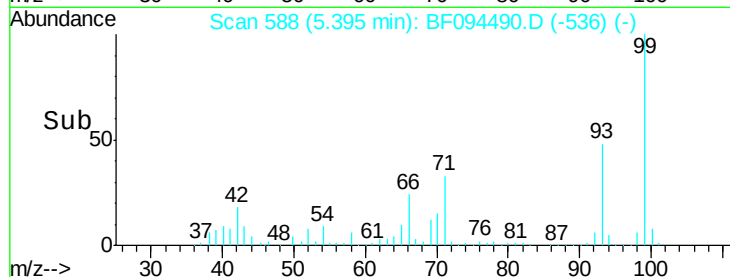
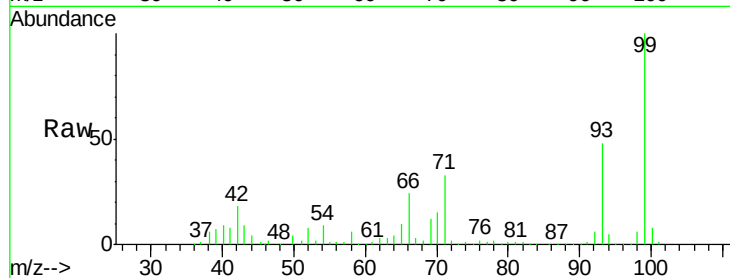
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	681442
Ion Ratio	Lower	Upper	
99	100		
42	18.3	13.5	20.3
71	33.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 42.84 ng

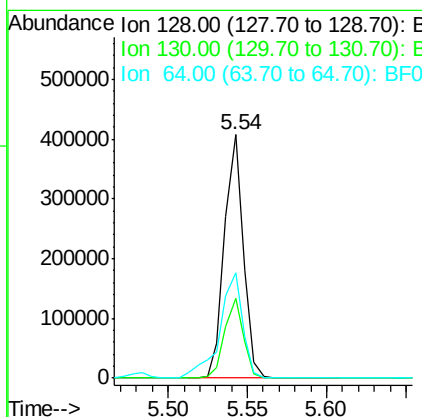
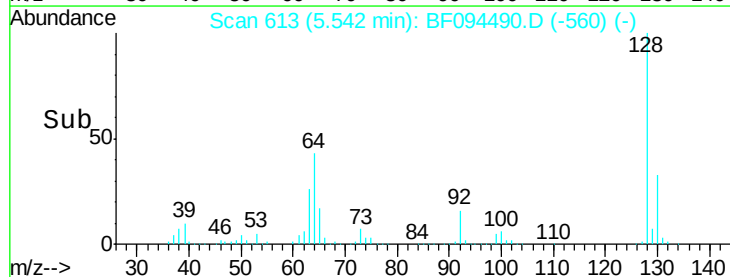
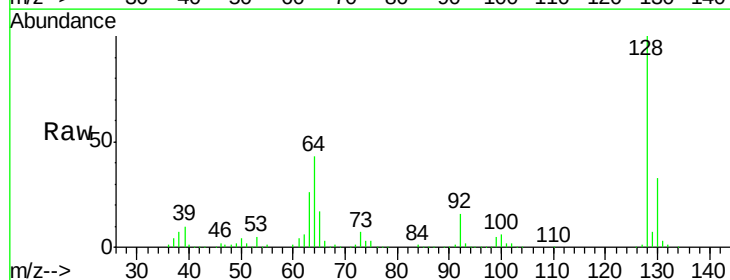
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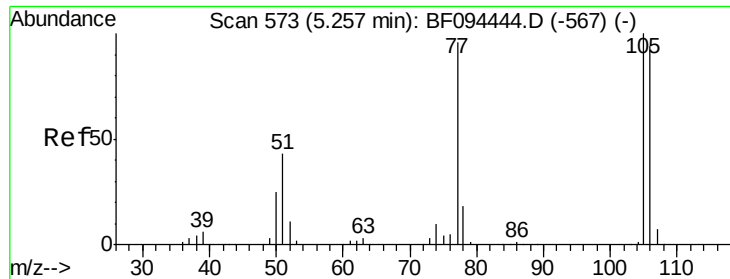
Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	128	Resp:	336233
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	43.5	28.4	68.4





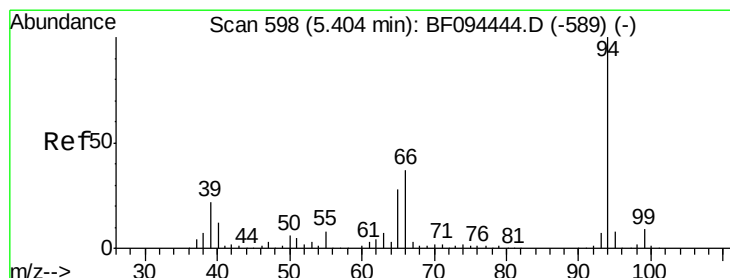
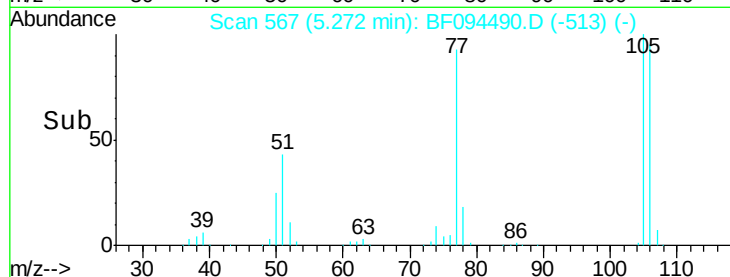
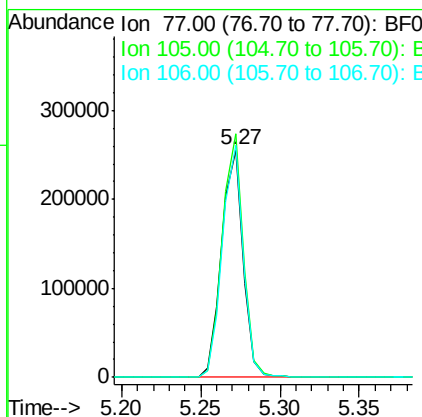
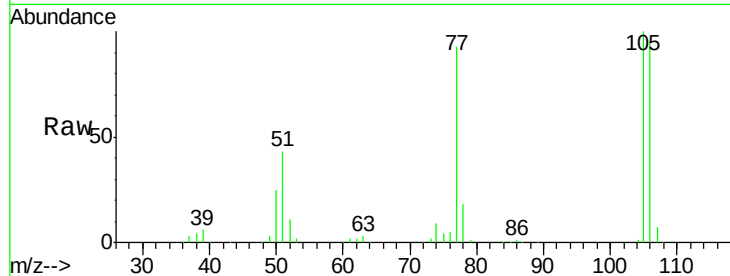
#9
Benzaldehyde
Concen: 38.85 ng
RT: 5.27 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.2	83.8	123.8
106	102.0	79.1	119.1

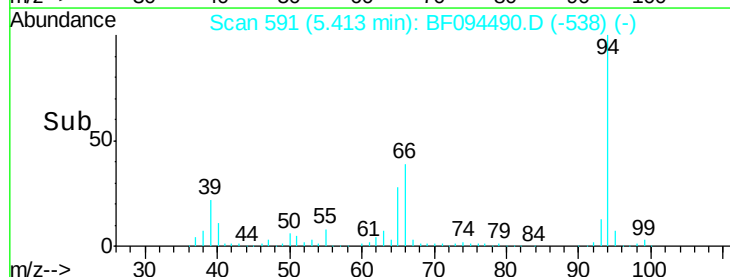
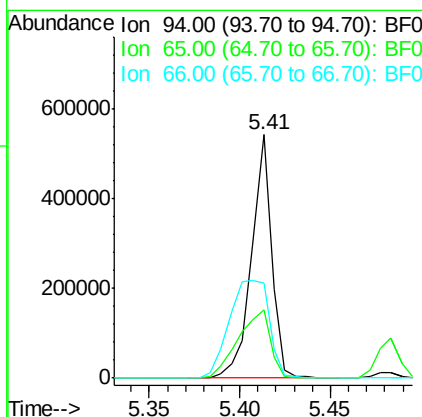
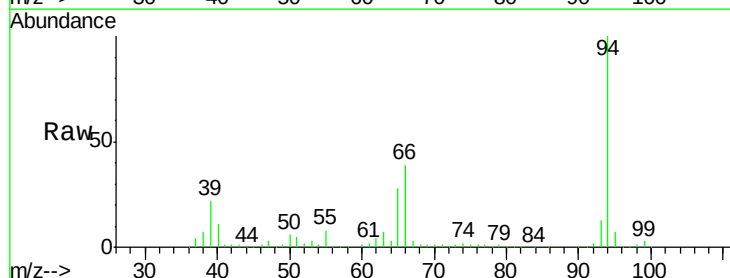
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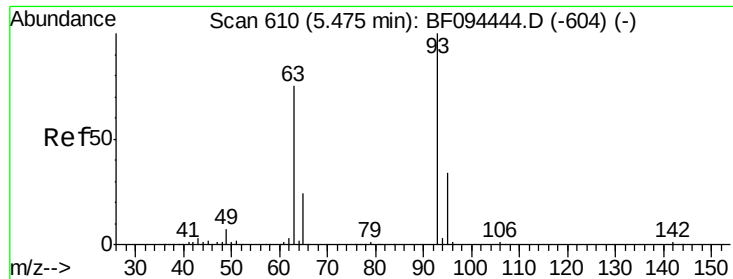
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#10
Phenol
Concen: 42.13 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094490.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.9	49.9
66	39.1	23.1	63.1





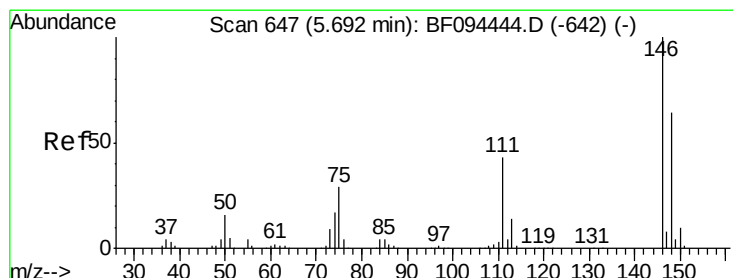
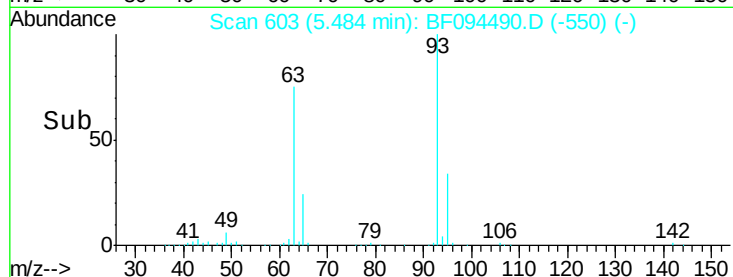
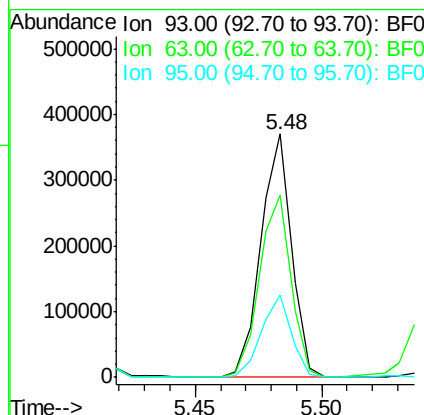
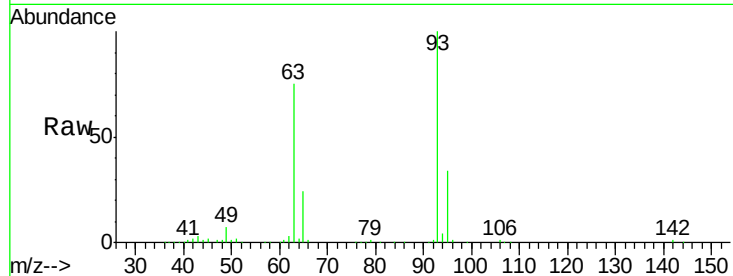
#11
bis(2-Chloroethyl)ether
Concen: 42.78 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	312149
Ion Ratio	Lower	Upper	
93	100		
63	74.8	59.2	99.2
95	33.6	12.8	52.8

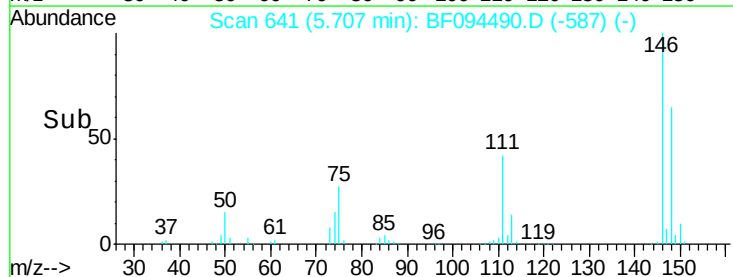
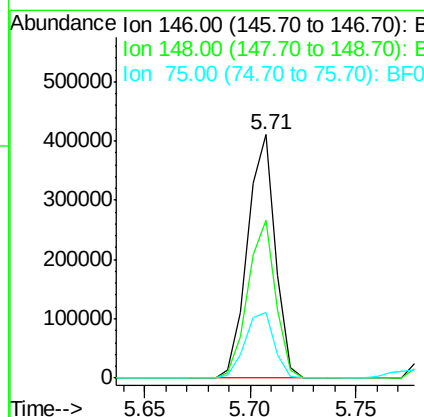
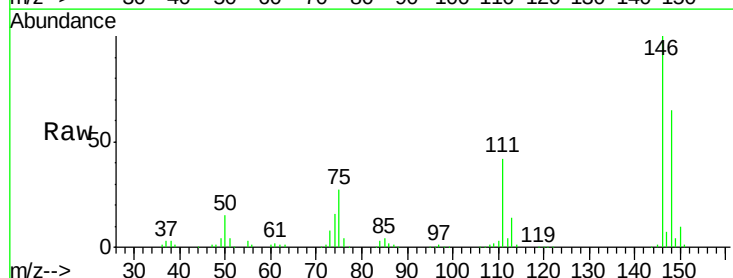
Manual Integrations
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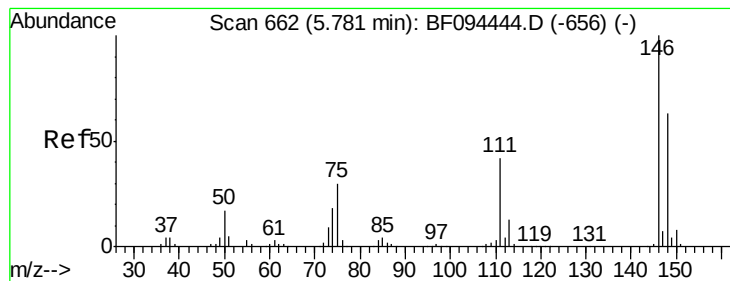
mohammad
4/19/2017 1:33:21 PM



#12
1,3-Dichlorobenzene
Concen: 42.96 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion:	146	Resp:	373543
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
75	27.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.81 ng

RT: 5.79 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

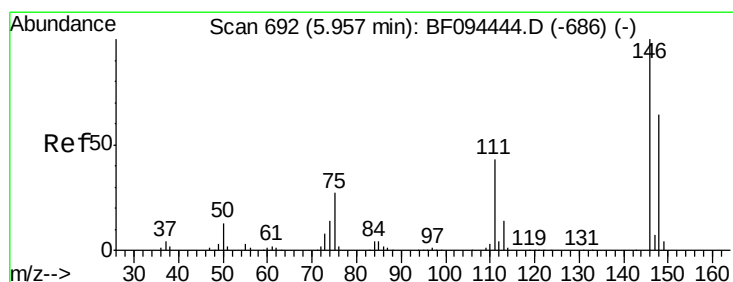
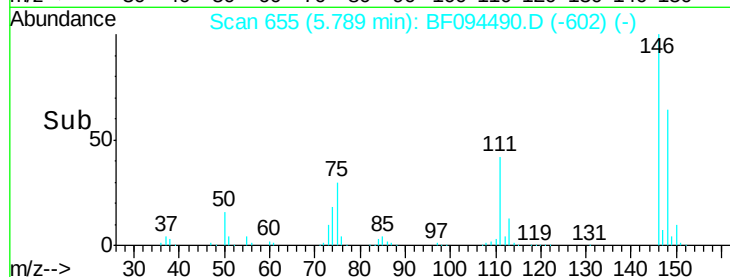
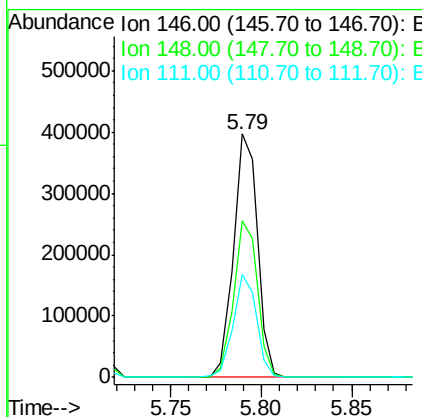
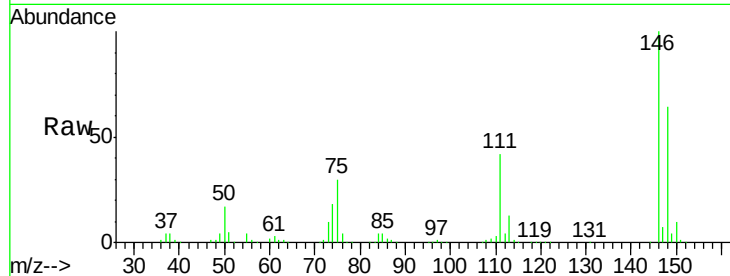
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	365758
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.2
111	42.3	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 41.94 ng

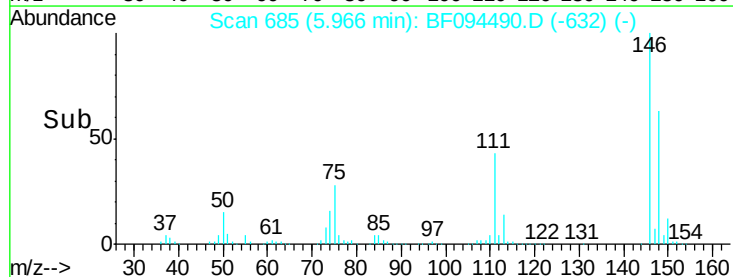
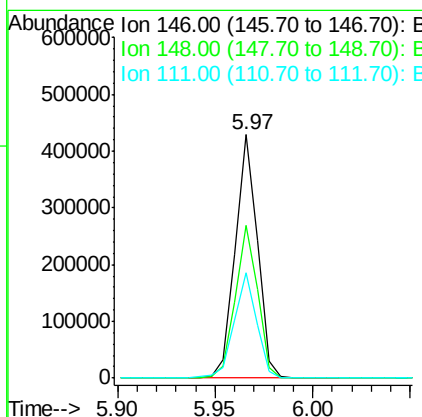
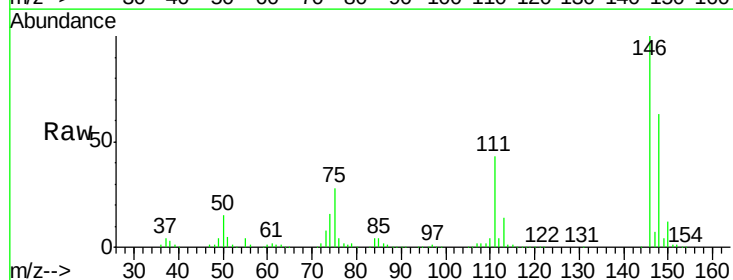
RT: 5.97 min Scan# 685

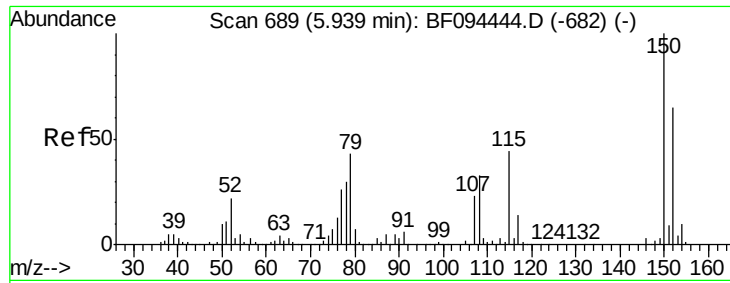
Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	146	Resp:	337935
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.4	75.6
111	43.3	38.2	57.4





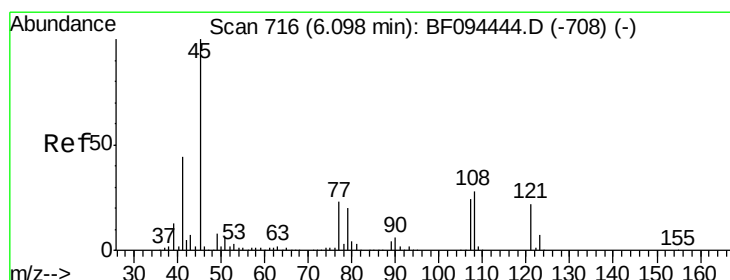
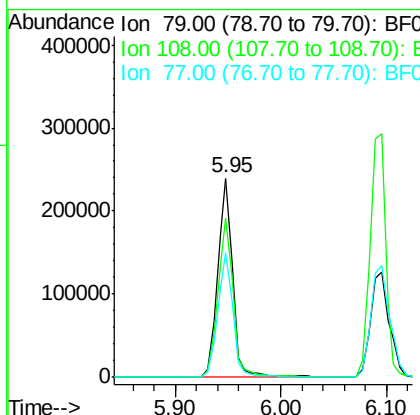
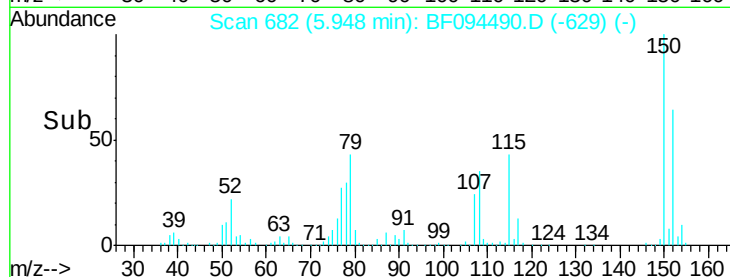
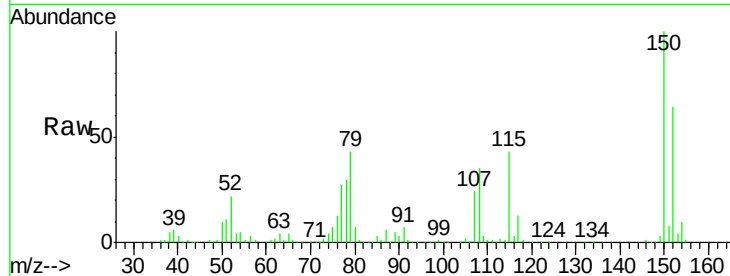
#15
Benzyl Alcohol
Concen: 40.41 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	63.4	95.0
77	62.5	49.2	73.8

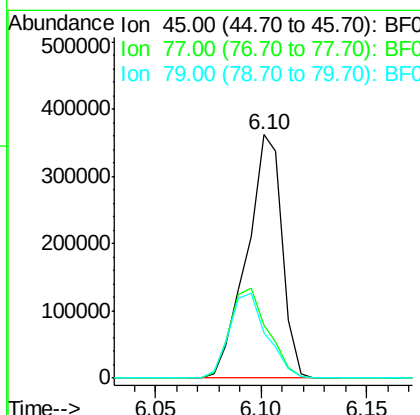
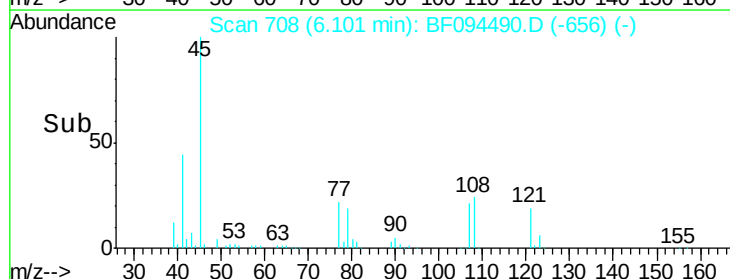
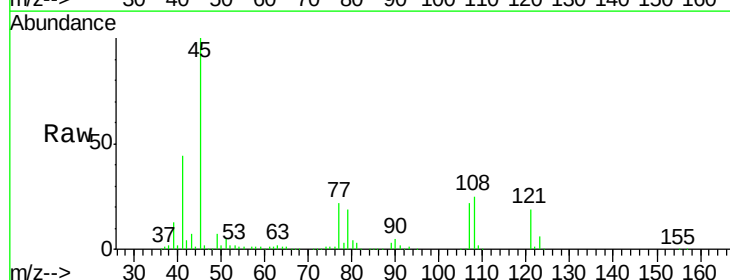
Manual Integrations
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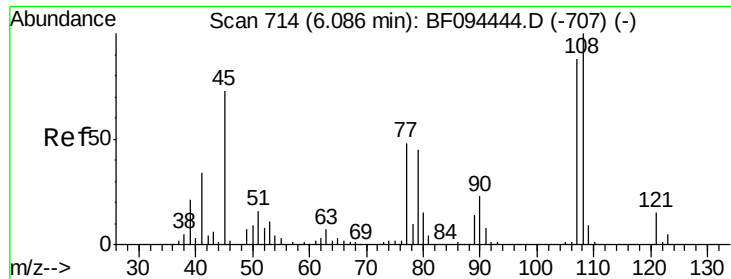
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.83 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.0	0.0	33.2
79	18.8	0.0	30.0





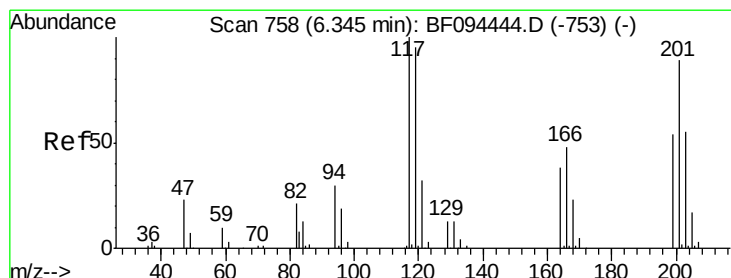
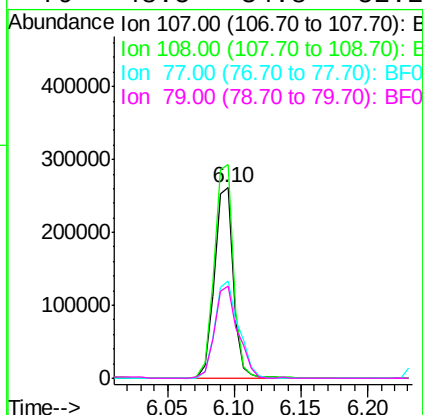
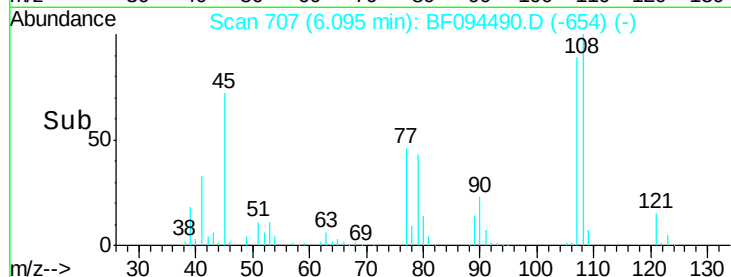
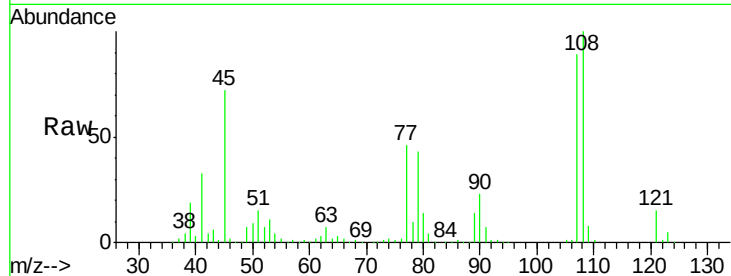
#17
2-Methylphenol
Concen: 42.86 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	264965		
108	112.3	93.4	140.0	
77	51.4	35.8	53.6	
79	48.5	34.8	52.2	

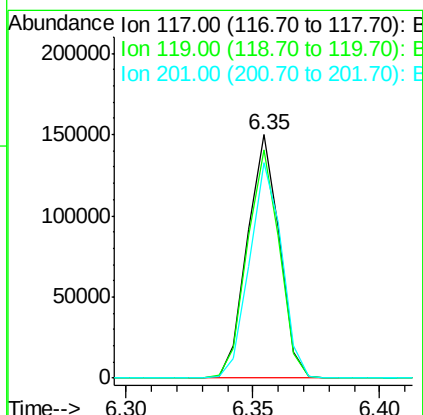
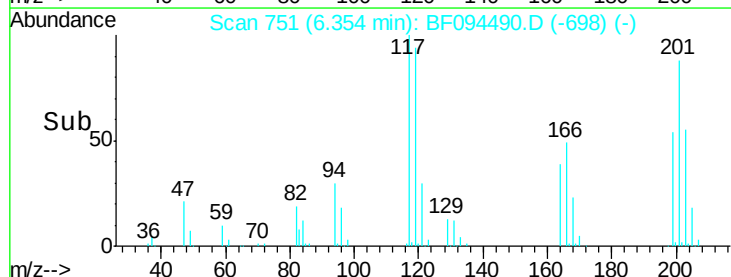
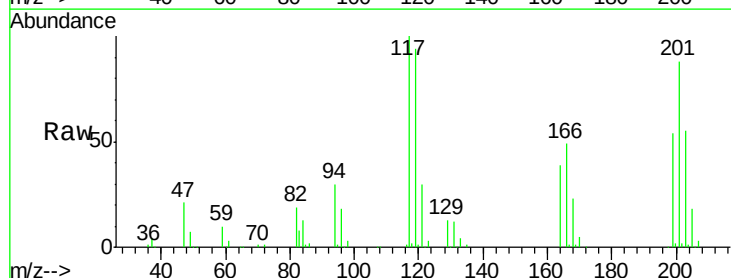
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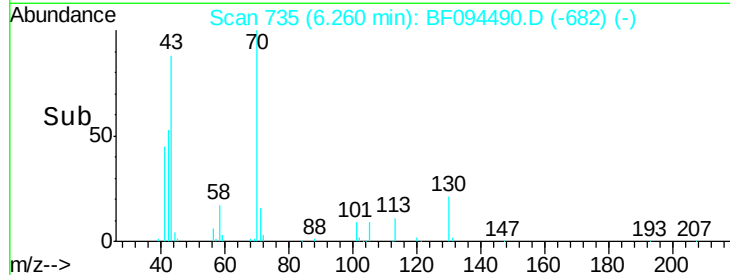
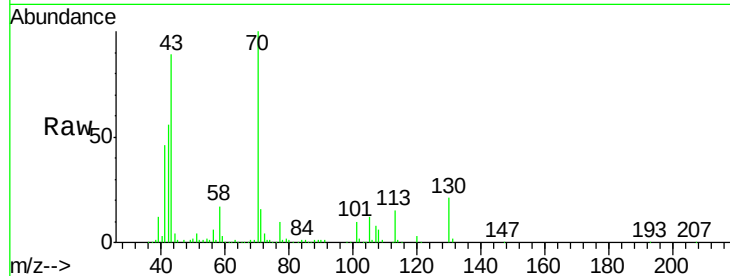
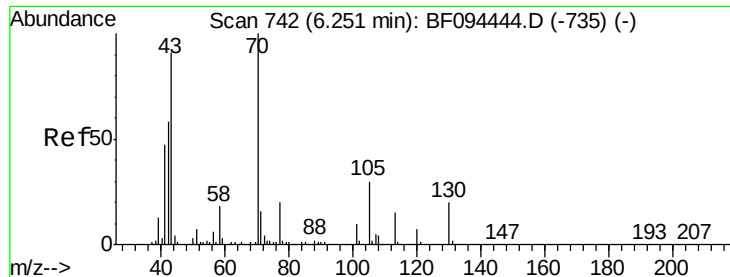
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#18
Hexachloroethane
Concen: 43.92 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	131726		
119	93.7	77.4	116.0	
201	88.5	94.6	141.8#	





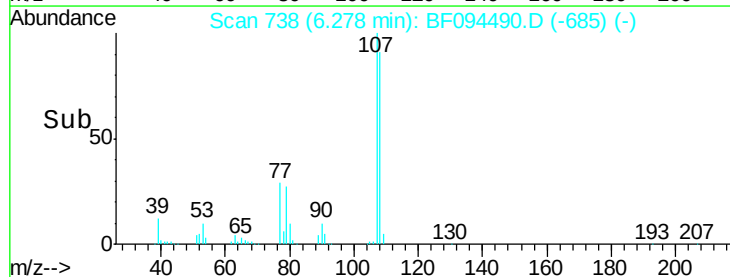
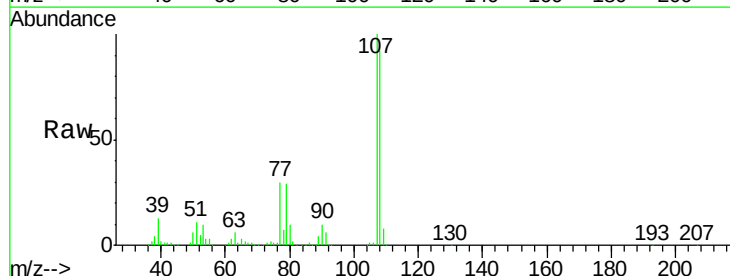
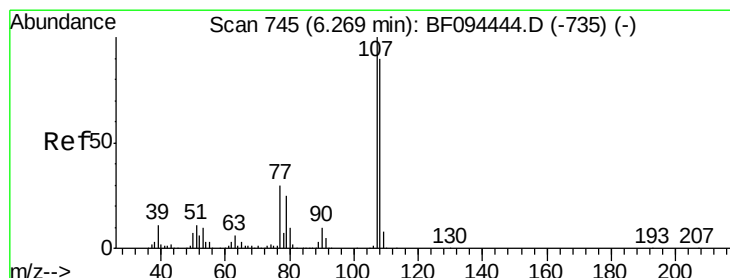
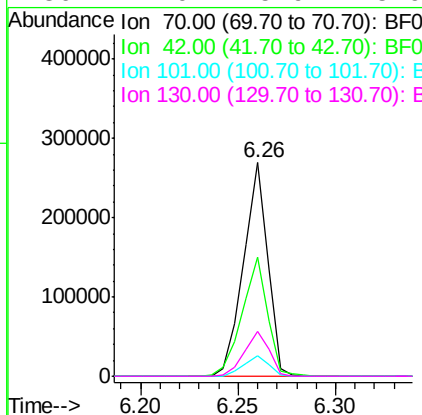
#19
n-Nitroso-di-n-propylamine
Concen: 43.26 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.8	47.2	70.8	
101	9.6	7.2	10.8	
130	21.0	15.9	23.9	

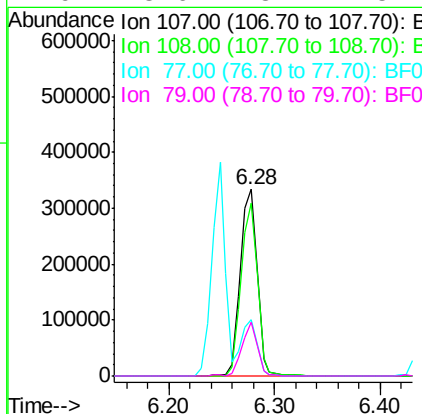
Manual Integrations
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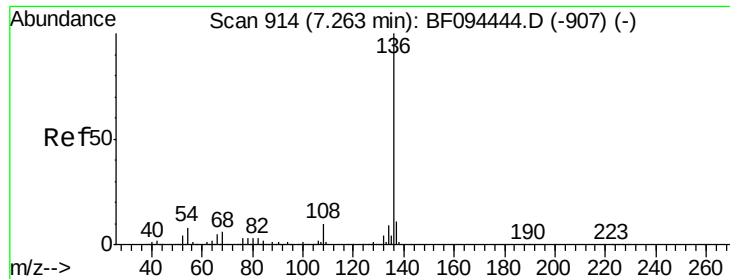
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#20
3+4-Methylphenols
Concen: 43.72 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	71.0	111.0	
77	30.3	90.5	130.5#	
79	28.6	8.4	48.4	





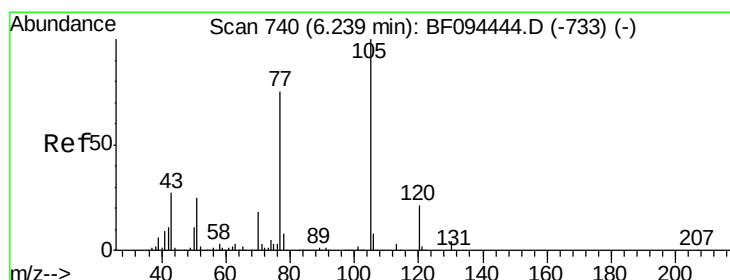
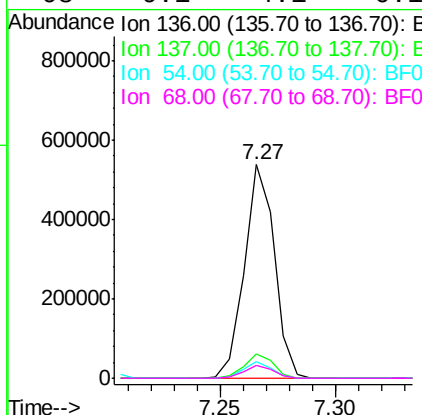
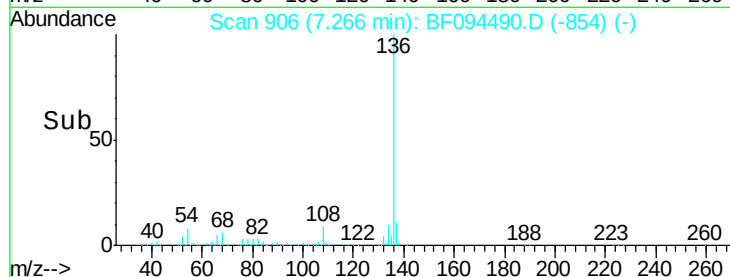
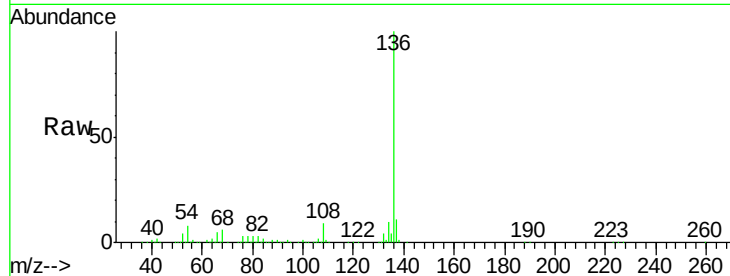
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	489350		
137	11.2		8.5	12.7
54	7.7		4.9	7.3#
68	6.1		4.1	6.1

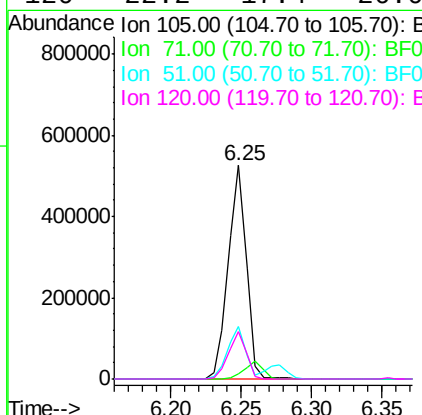
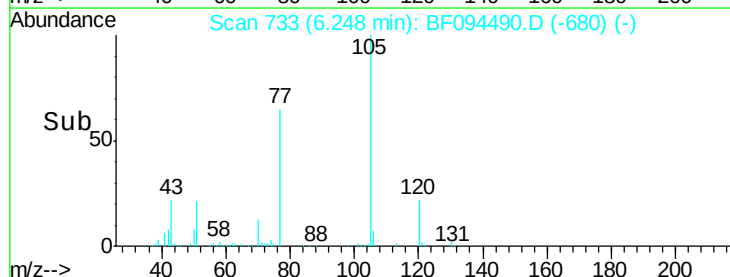
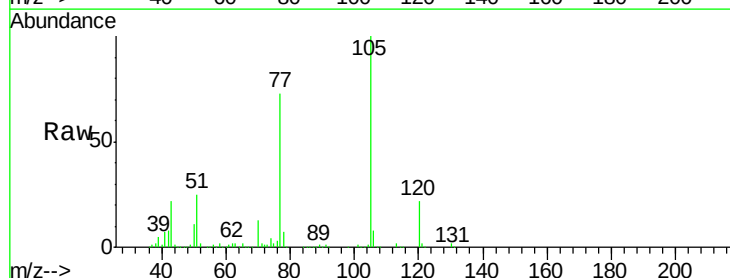
Manual Integrations
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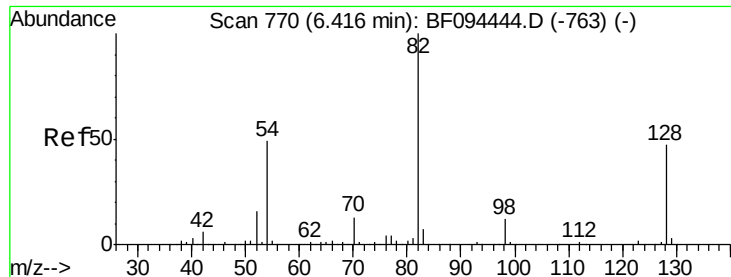
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#22
Acetophenone
Concen: 39.52 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	470208		
71	2.3		2.8	4.2#
51	24.8		30.7	46.1#
120	22.2		17.4	26.0





#23

Nitrobenzene-d5

Concen: 80.10 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

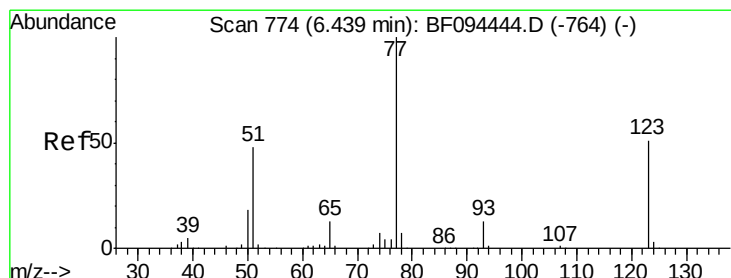
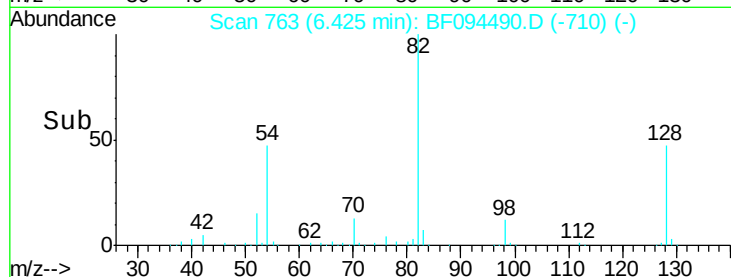
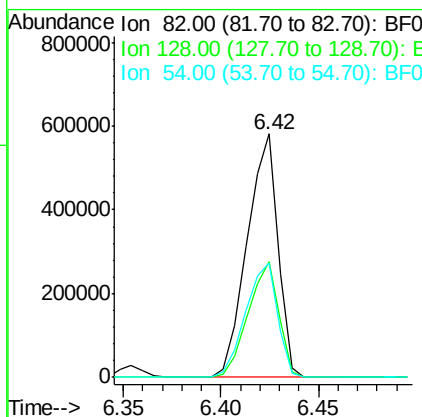
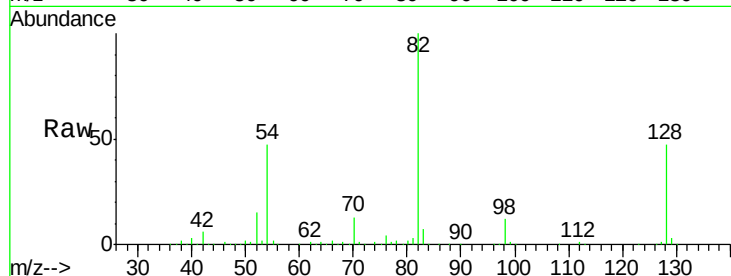
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	634777
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	47.2	42.2	63.2

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#24

Nitrobenzene

Concen: 40.59 ng

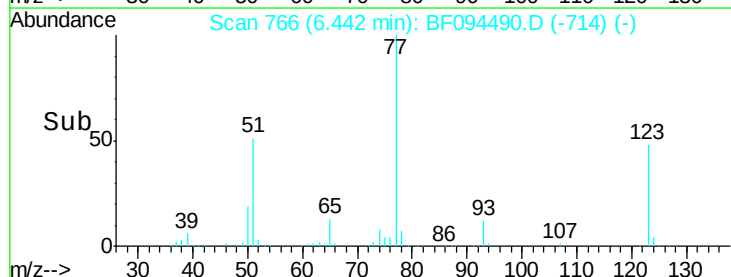
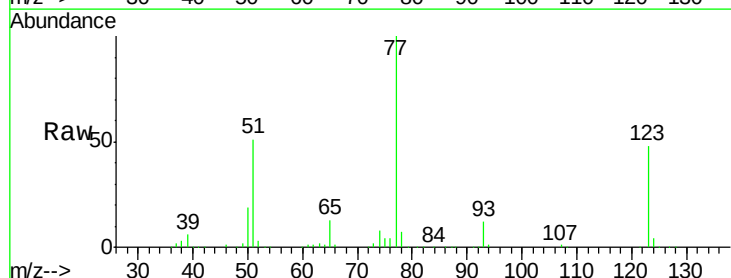
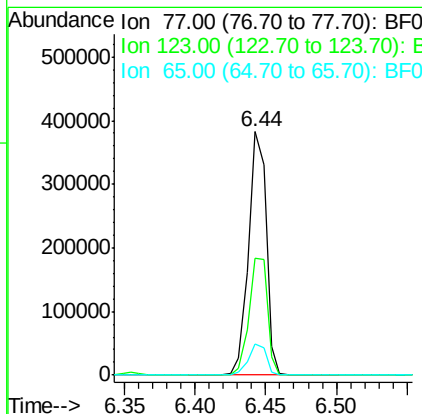
RT: 6.44 min Scan# 766

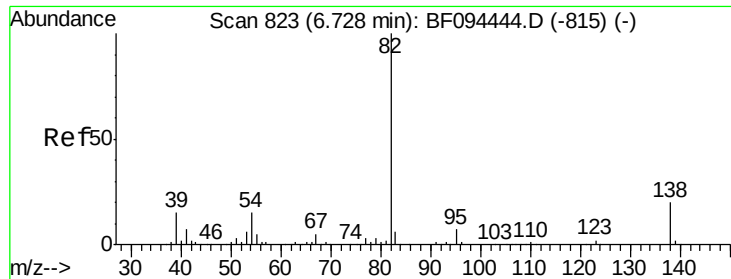
Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	77	Resp:	338714
Ion Ratio	Lower	Upper	
77	100		
123	47.8	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 40.12 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

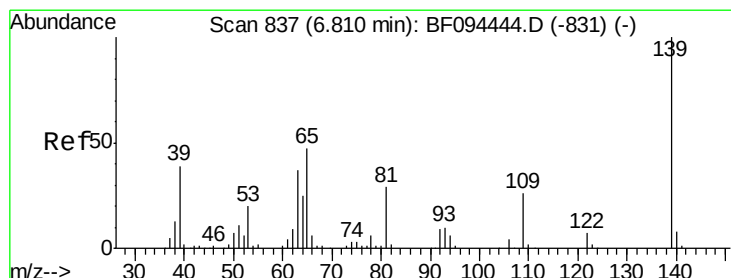
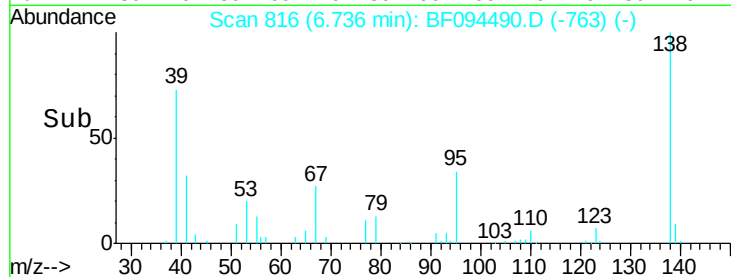
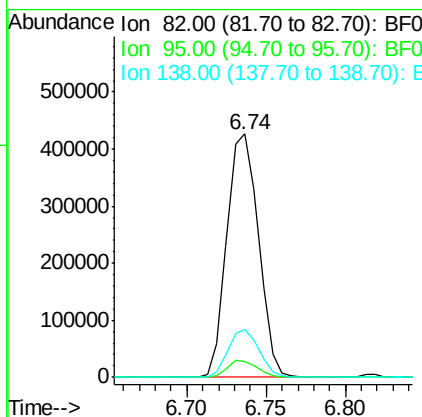
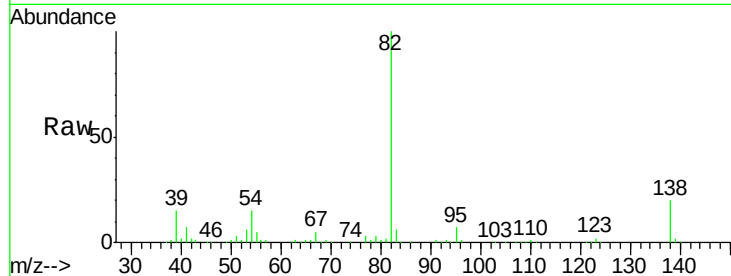
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	589453
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	19.6	13.1	19.7

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#26

2-Nitrophenol

Concen: 41.66 ng

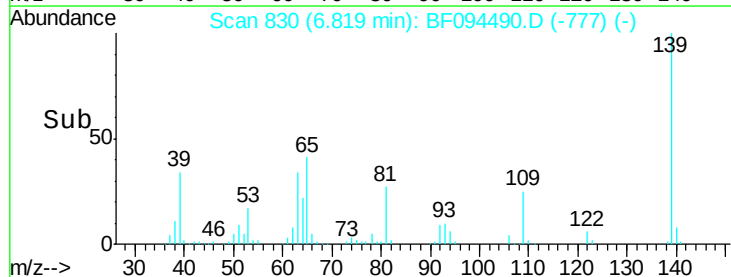
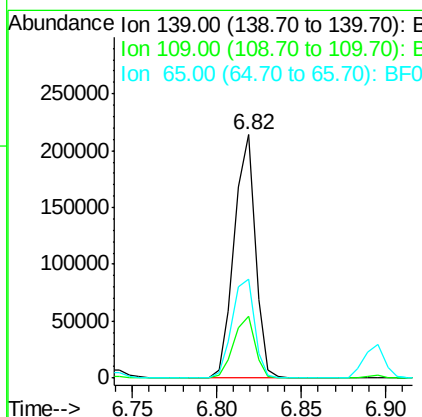
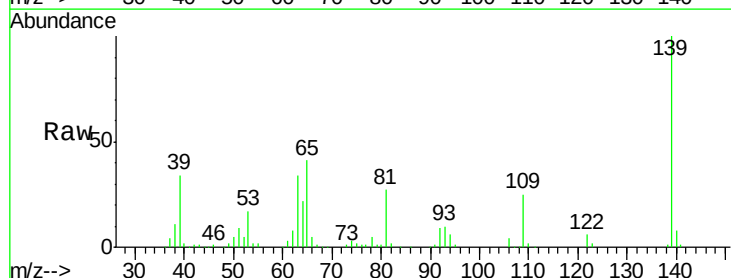
RT: 6.82 min Scan# 830

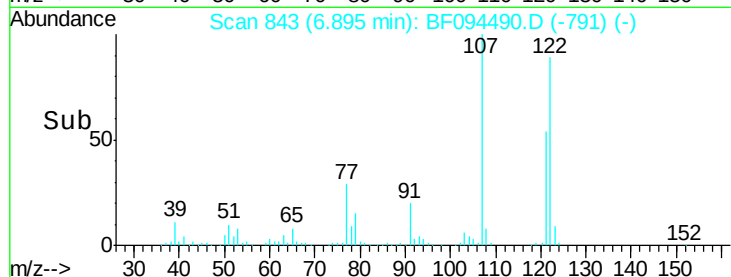
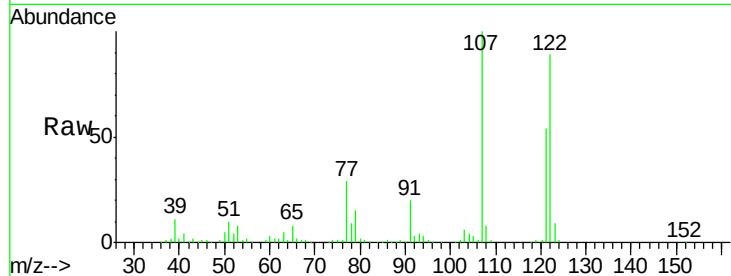
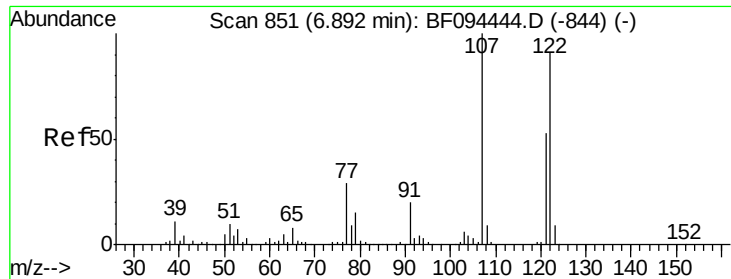
Delta R.T. 0.01 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	139	Resp:	186797
Ion Ratio		Lower	Upper
139	100		
109	25.5	21.0	31.6
65	40.8	33.0	49.6





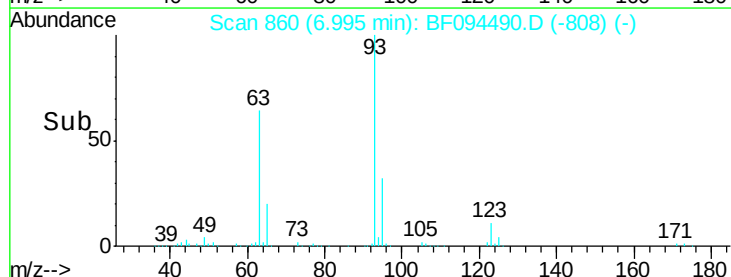
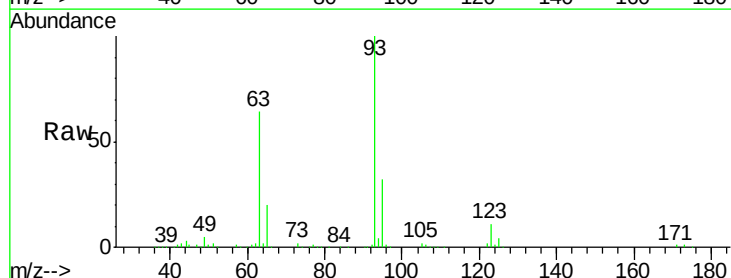
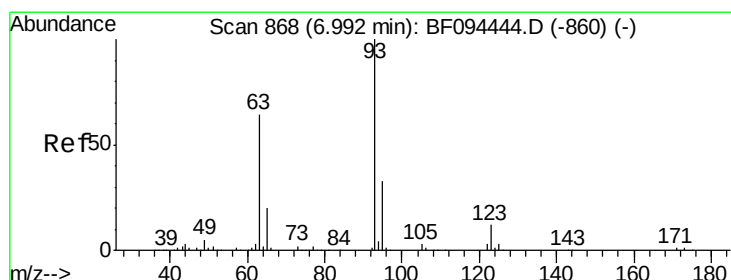
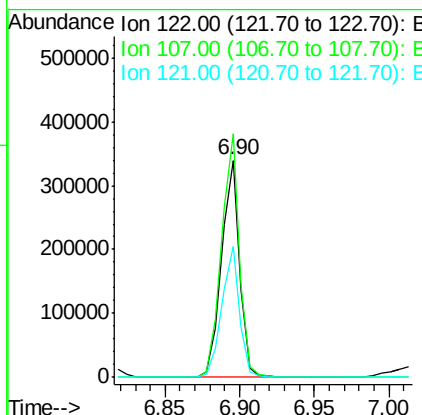
#27
2,4-Dimethylphenol
Concen: 40.10 ng
RT: 6.90 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tot Ion	Ratio	Resp	Lower	Upper
122	100	292010		
107	112.2	89.2	133.8	
121	60.1	45.2	67.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

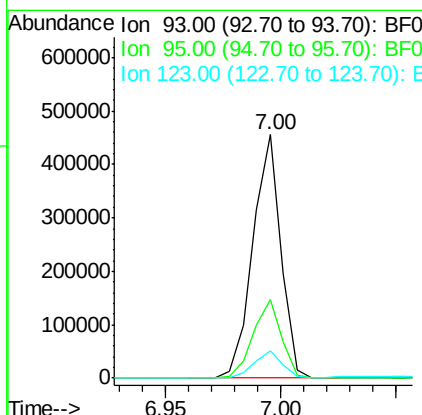
Manual Integrations
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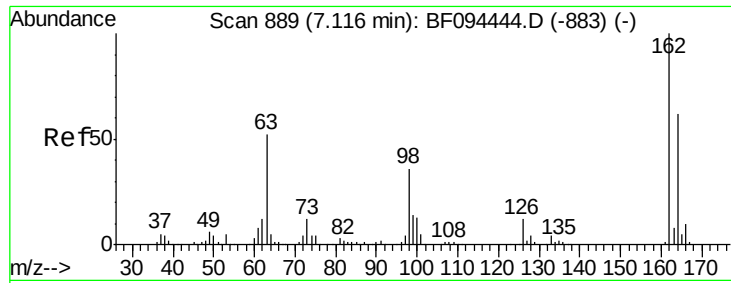
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.67 ng
RT: 7.00 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386485		
95	32.5	26.5	39.7	
123	11.3	9.0	13.4	





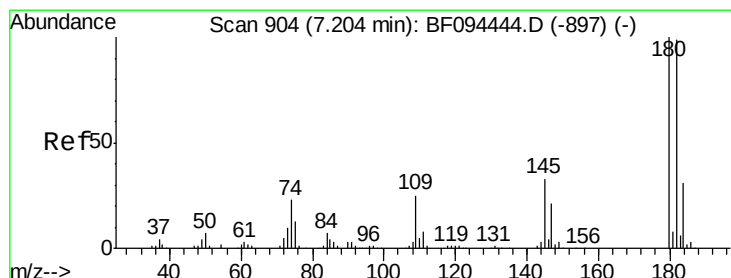
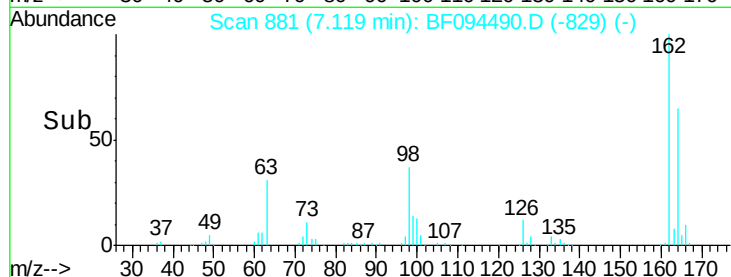
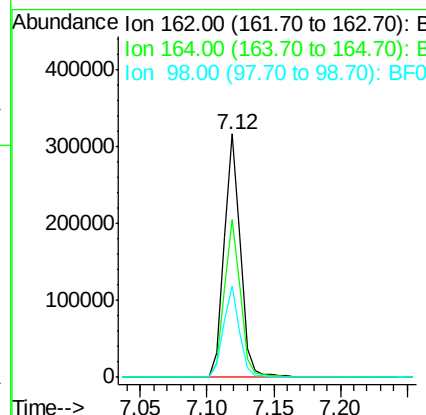
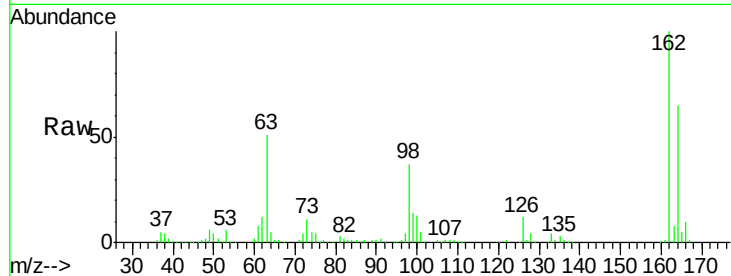
#29
 2,4-Dichlorophenol
 Concen: 40.46 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	274092		
164	64.8		44.6	84.6
98	37.3		14.8	54.8

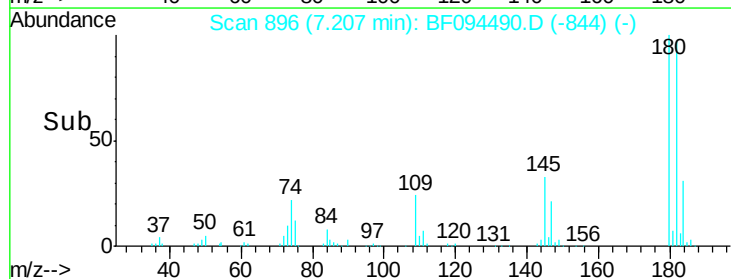
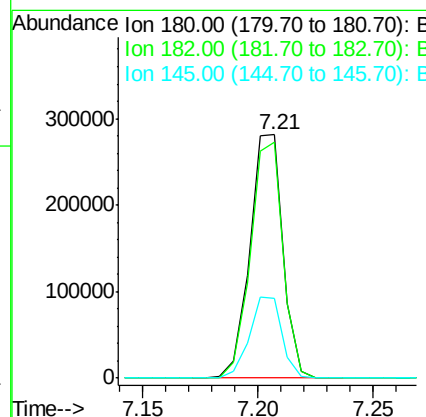
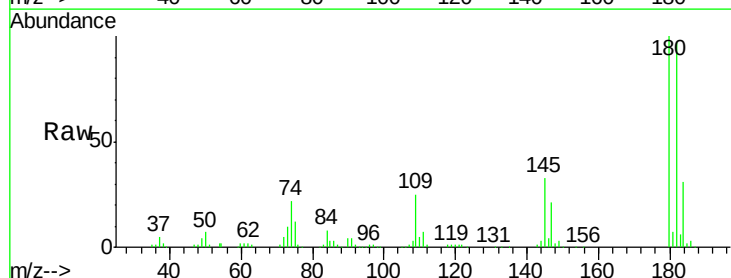
Manual Integrations
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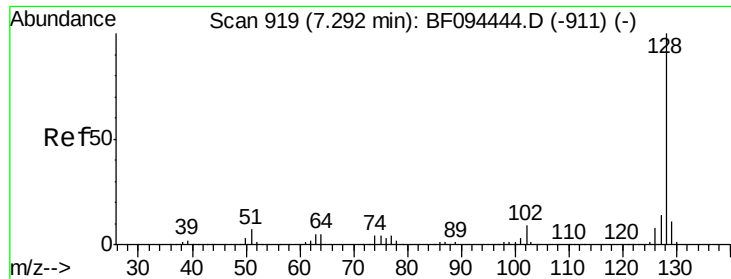
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.11 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280970		
182	96.9		75.8	113.6
145	32.6		25.3	37.9





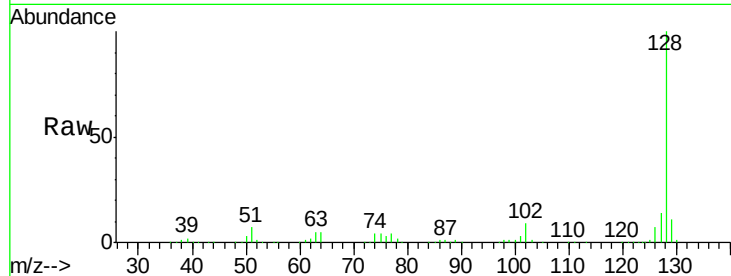
#31
Naphthalene
Concen: 39.60 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

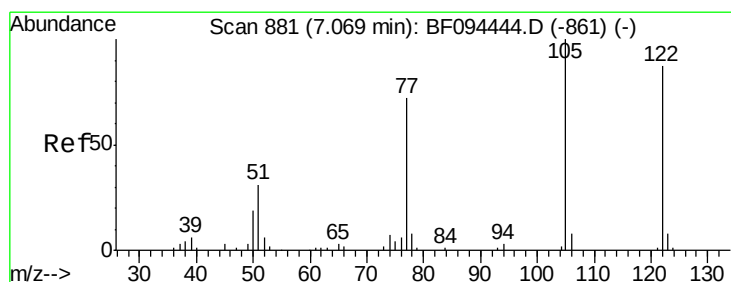
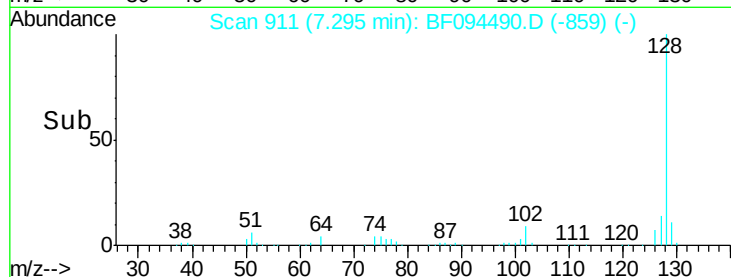
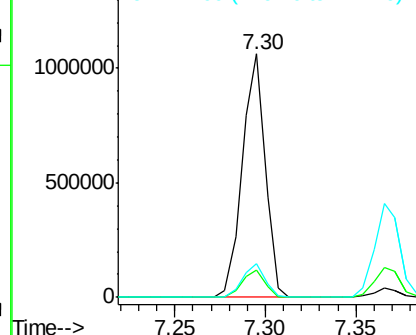
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	10.8	16.2

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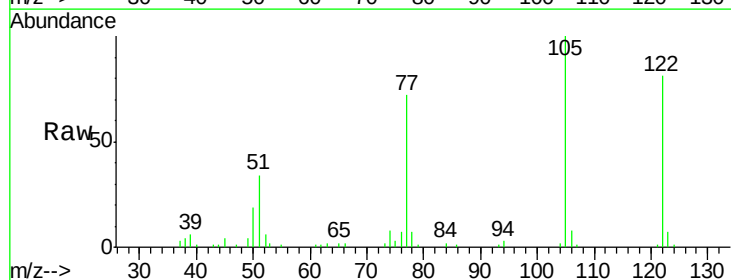


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

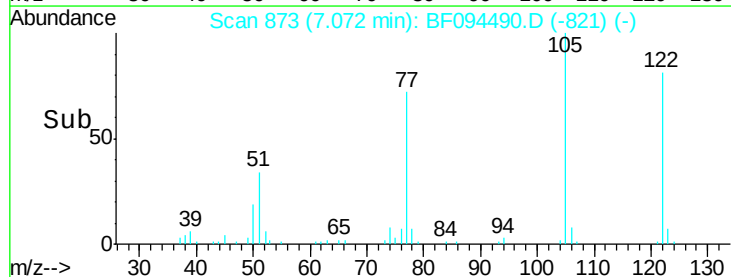
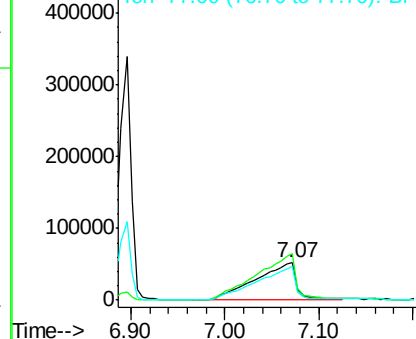


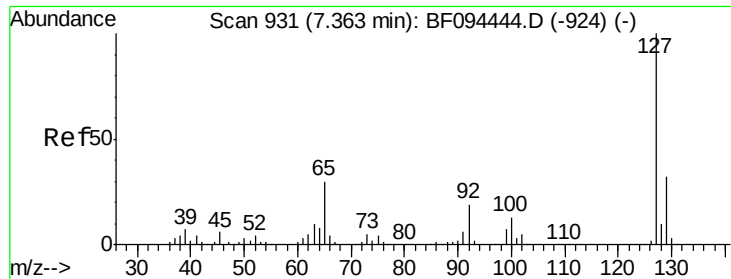
#32
Benzoic acid
Concen: 41.06 ng
RT: 7.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	103.3	143.3
77	89.7	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





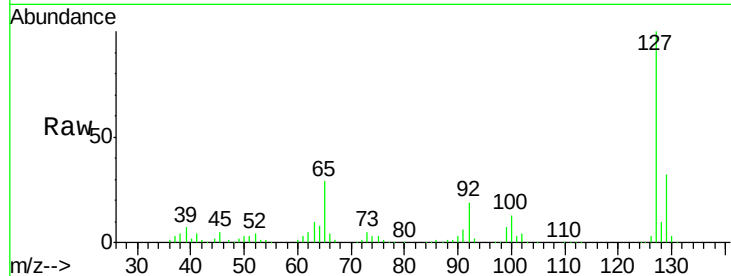
#33
4-Chloroaniline
Concen: 41.17 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

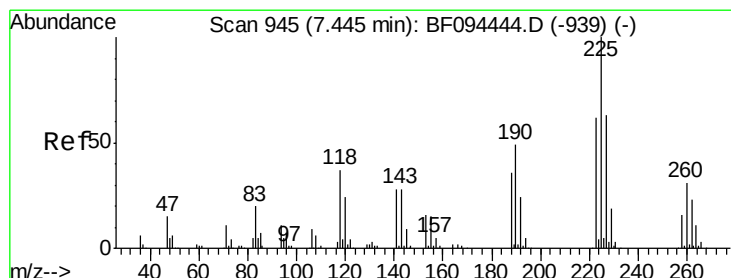
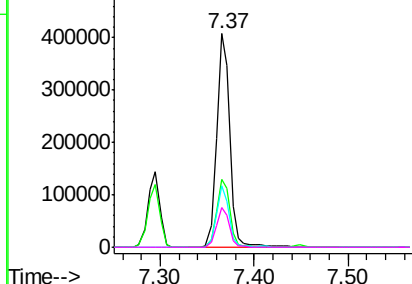
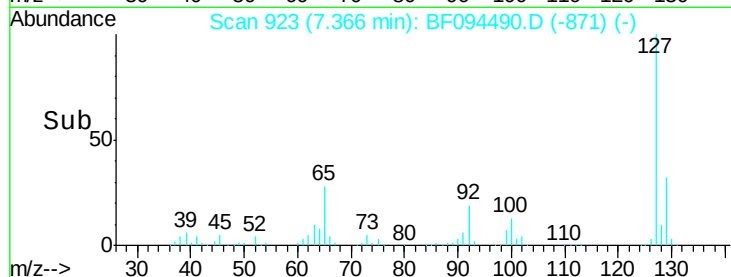
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		402940		
129	31.7	26.2	39.2		
65	28.6	27.8	41.8		
92	18.9	16.8	25.2		

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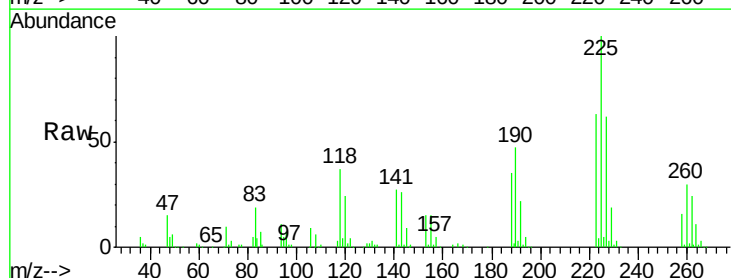


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

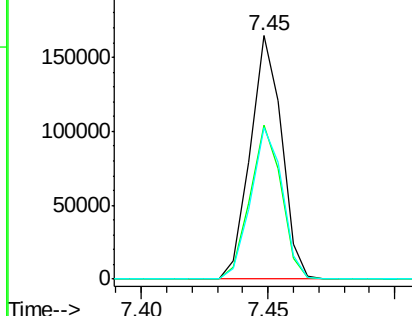
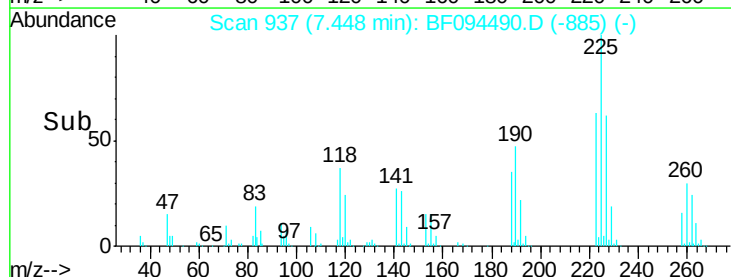


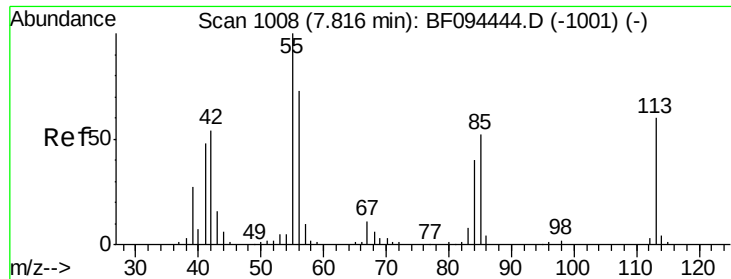
#34
Hexachlorobutadiene
Concen: 40.81 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		142501		
223	63.1	48.8	73.2		
227	62.4	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





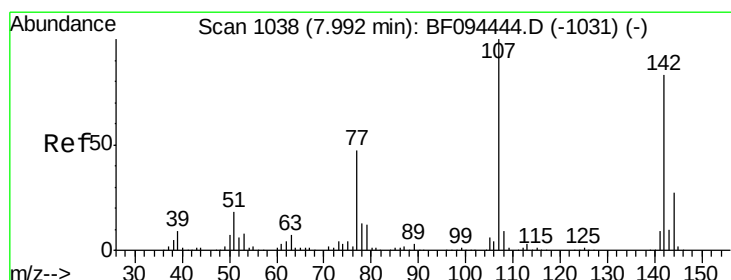
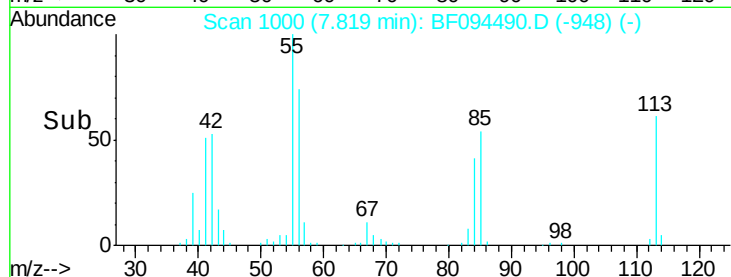
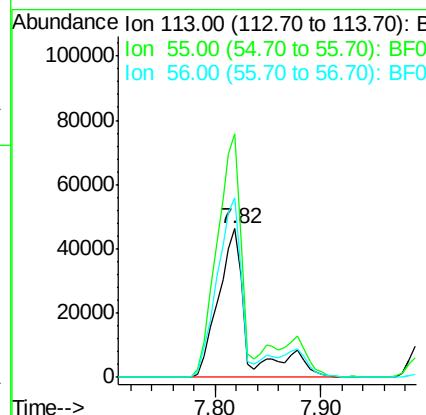
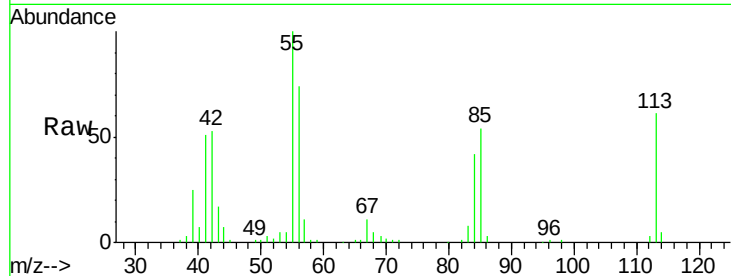
#35
 Caprolactam
 Concen: 41.97 ng/ml
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		89325		
55	163.9	150.2	190.2		
56	121.3	107.8	147.8		

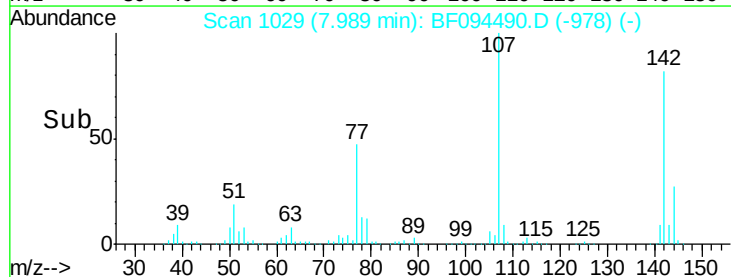
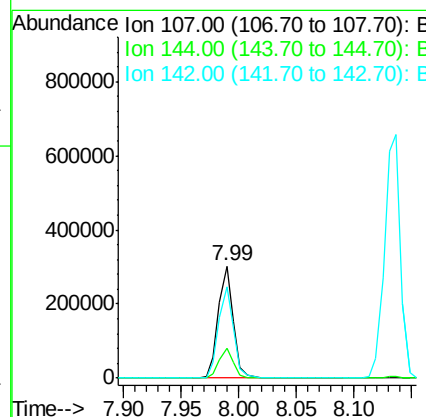
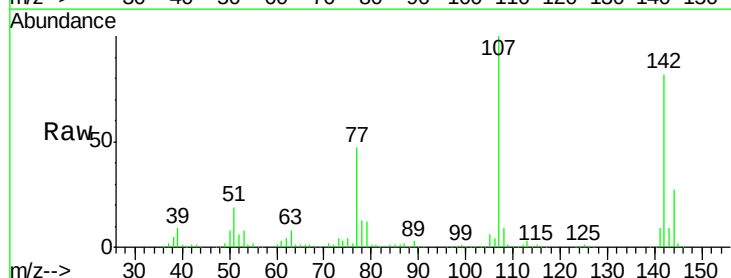
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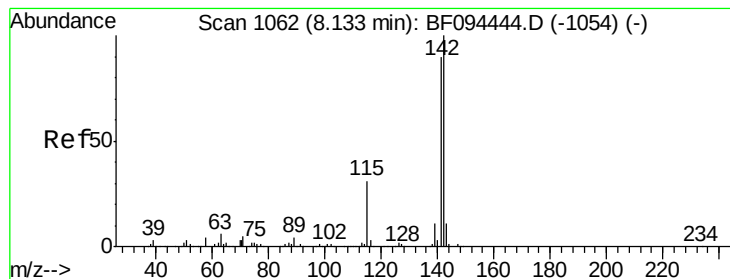
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#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng/ml
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		272046		
144	26.6	24.2	36.4		
142	81.7	73.4	110.0		





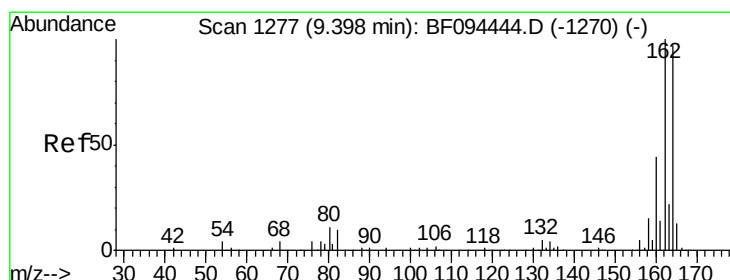
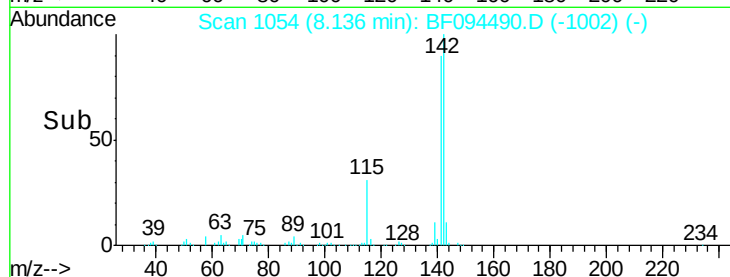
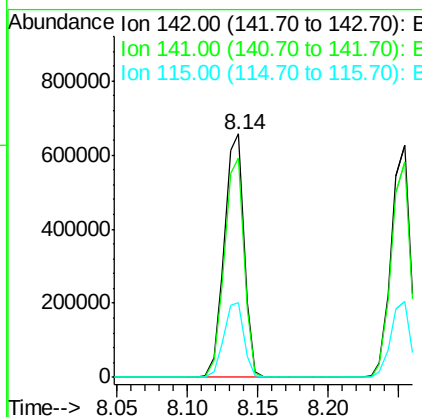
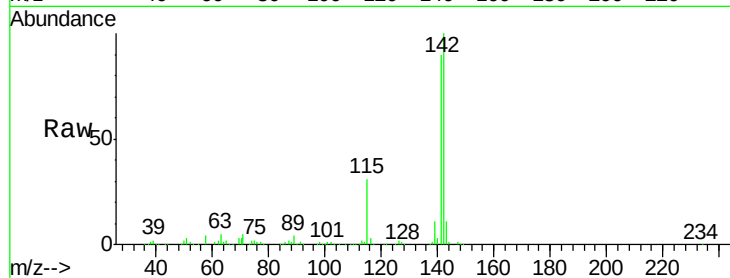
#37
 2-Methylnaphthalene
 Concen: 39.84 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	30.7	27.1	40.7

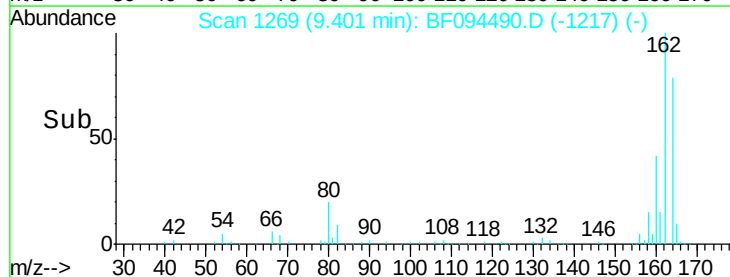
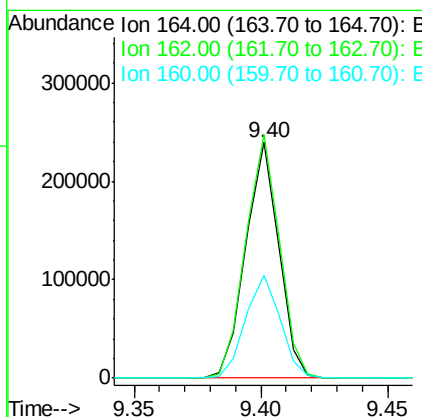
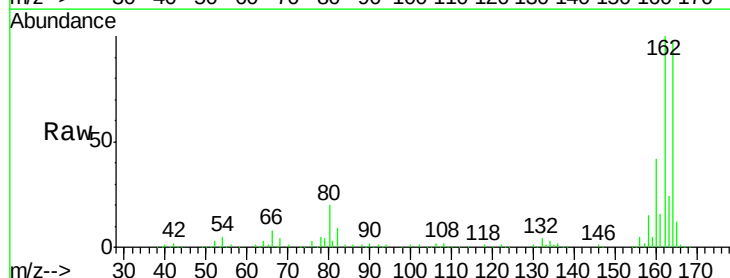
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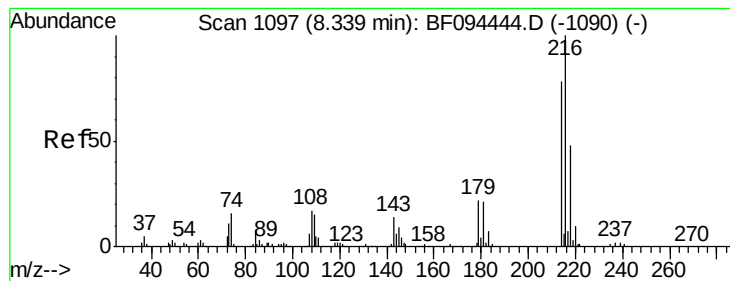
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	43.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.42 ng

RT: 8.34 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

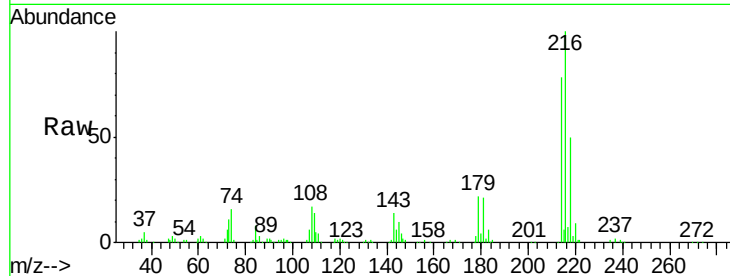
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	256716		
214	77.8	63.4	95.2	
179	21.8	17.9	26.9	
108	19.5	16.5	24.7	

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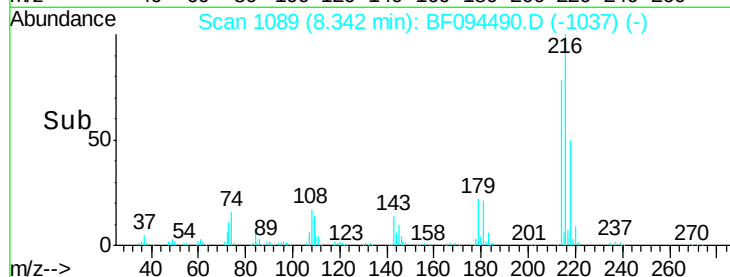
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

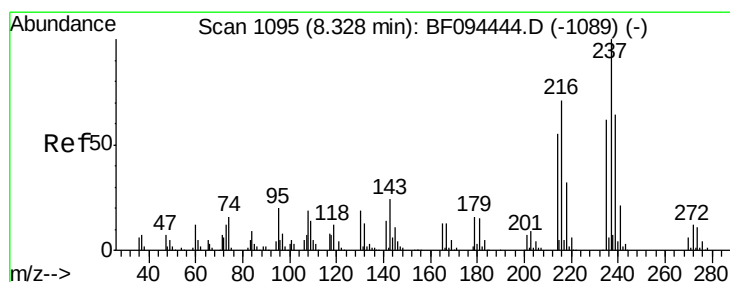
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#40

Hexachlorocyclopentadiene

Concen: 45.60 ng

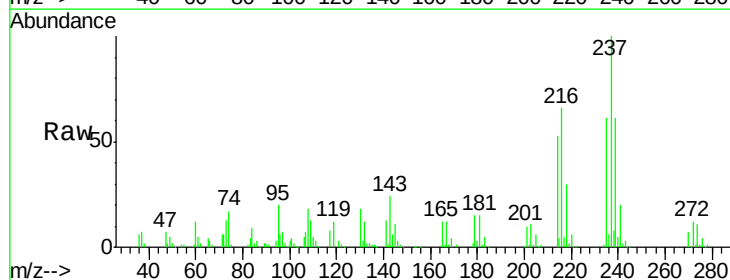
RT: 8.33 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	114331		
235	61.2	42.6	82.6	
272	12.2	0.0	31.9	

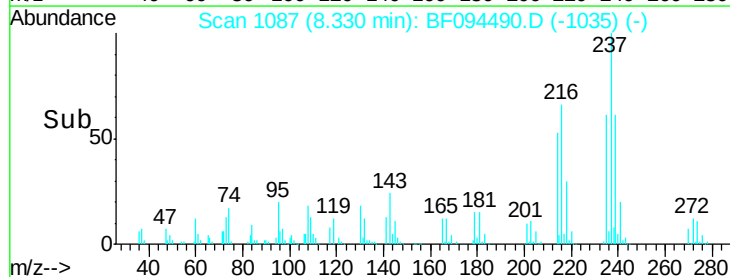


Abundance Ion 236.80 (236.50 to 237.50): E

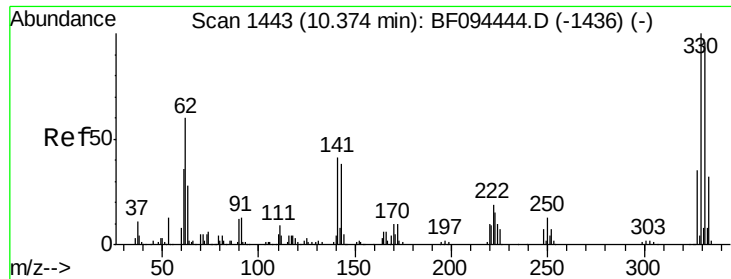
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->



Time-->



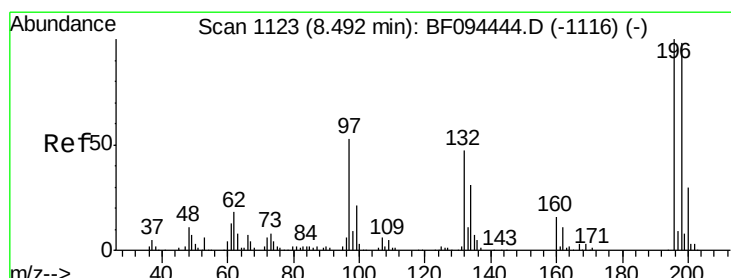
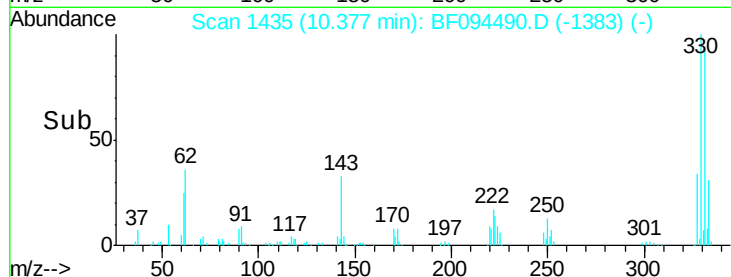
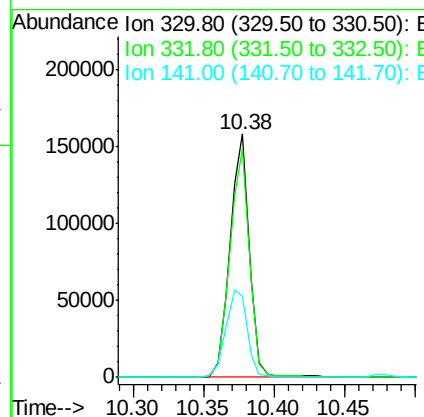
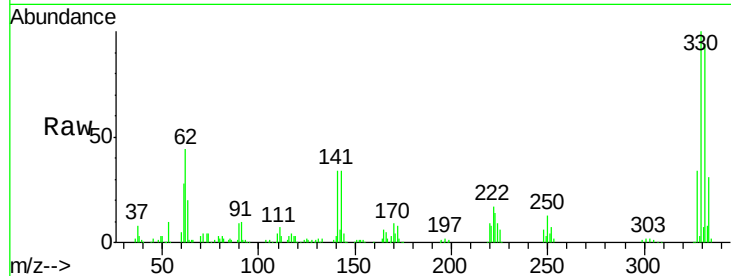
#41
 2,4,6-Tribromophenol
 Concen: 88.27 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	150265		
332	95.4	76.6	115.0	
141	40.0	31.4	47.2	

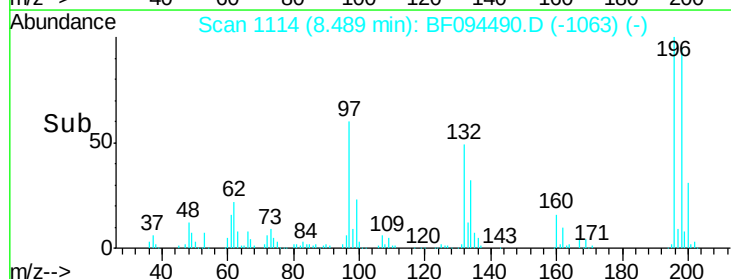
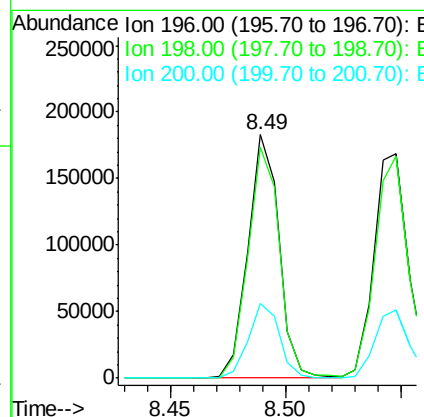
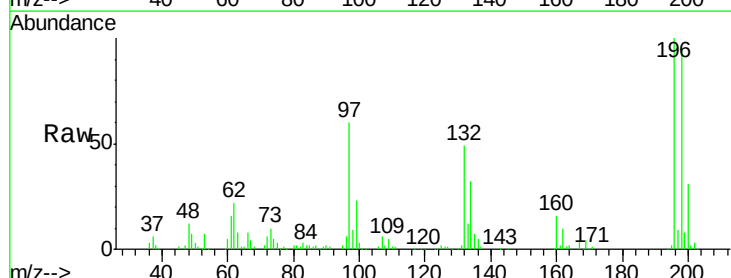
Manual Integrations
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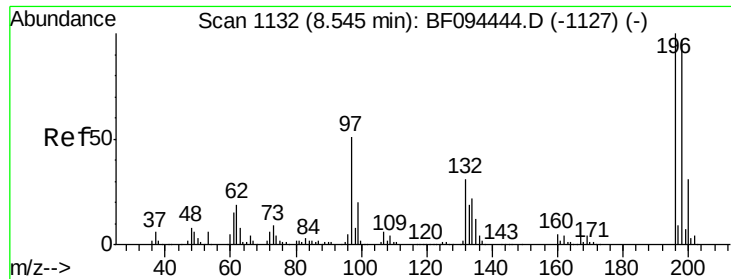
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#42
 2,4,6-Trichlorophenol
 Concen: 39.63 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172490		
198	94.9	74.2	111.4	
200	30.5	24.0	36.0	





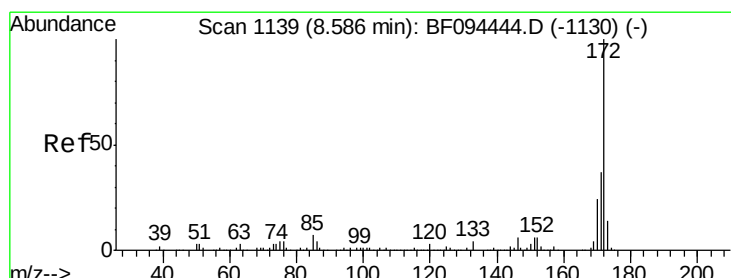
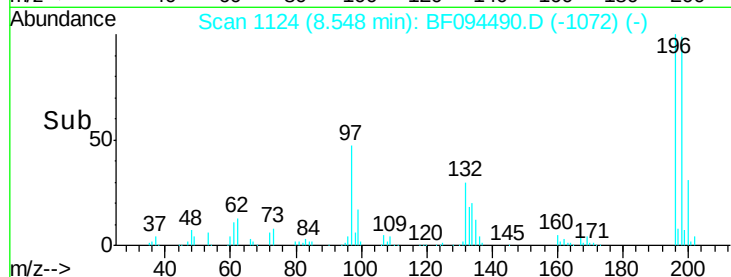
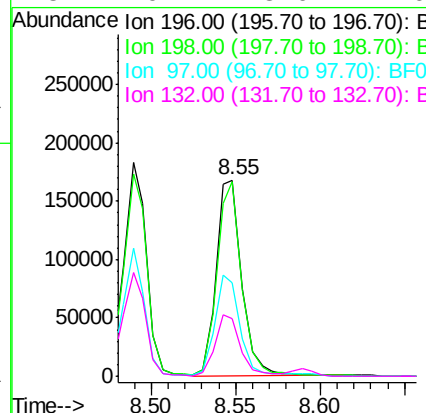
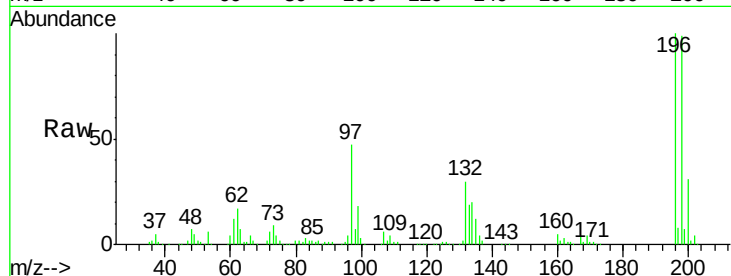
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177431		
198	98.9	75.7	113.5	
97	47.5	47.7	71.5	
132	29.7	28.0	42.0	

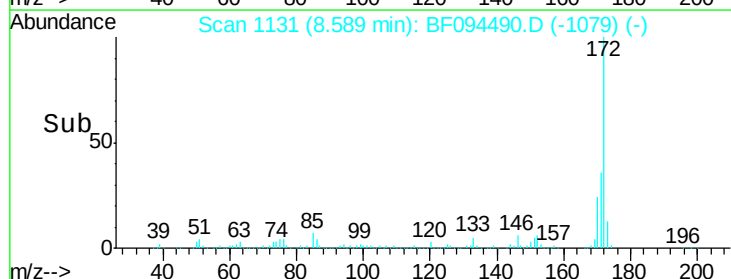
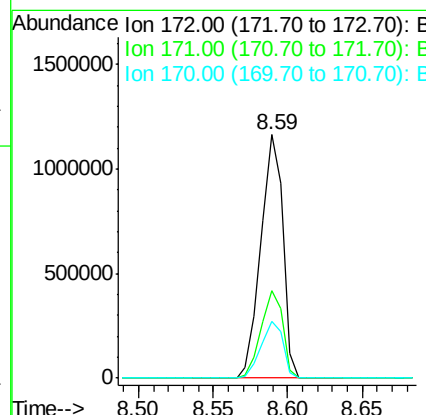
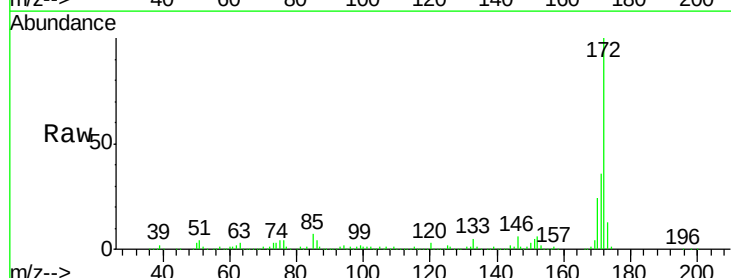
Manual Integrations
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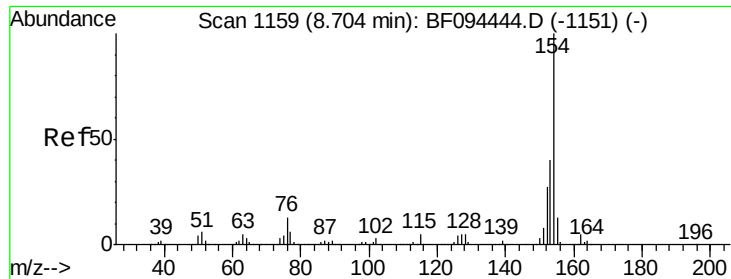
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 79.46 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1175357		
171	36.1	29.6	44.4	
170	23.5	19.8	29.8	





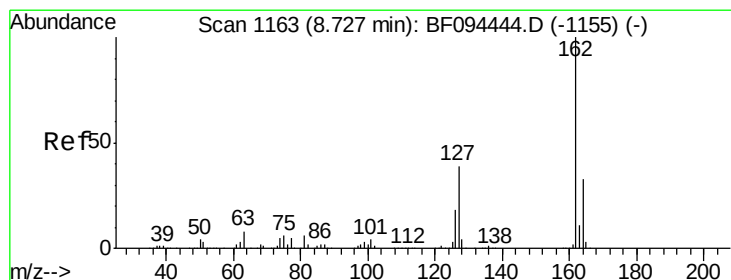
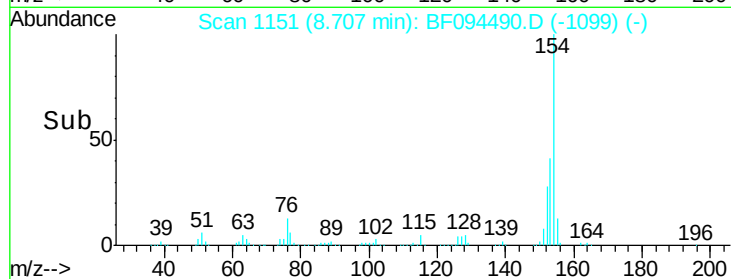
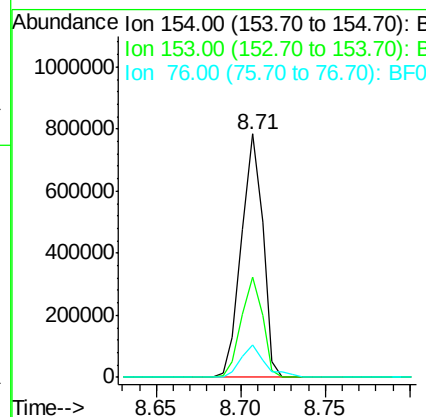
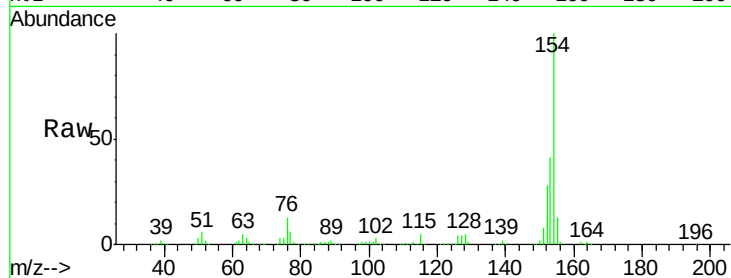
#45
 1,1'-Biphenyl
 Concen: 38.92 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	154	Resp:	692024
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.2	61.2
76	13.2	0.0	29.9

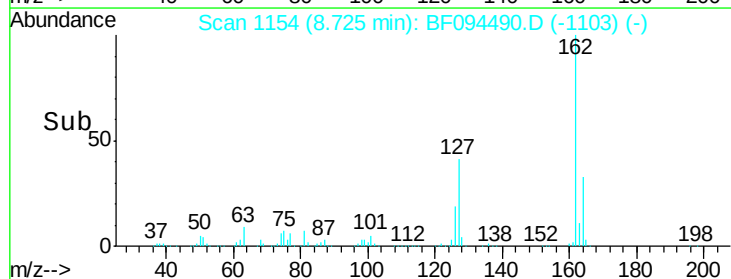
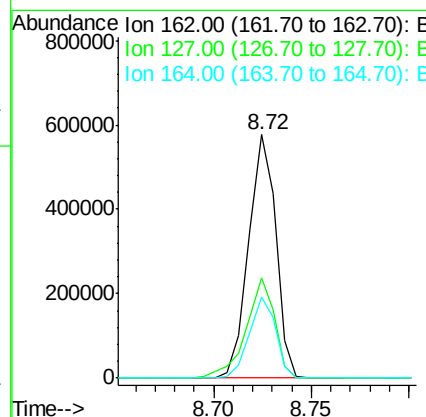
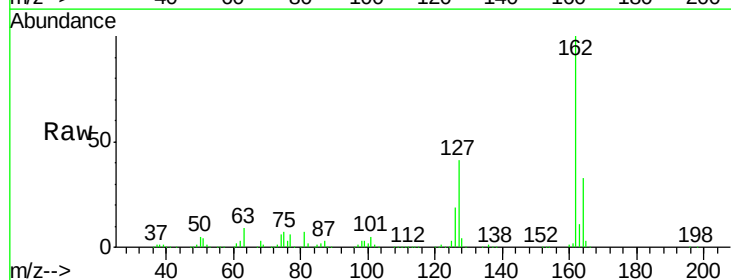
Manual Integrations
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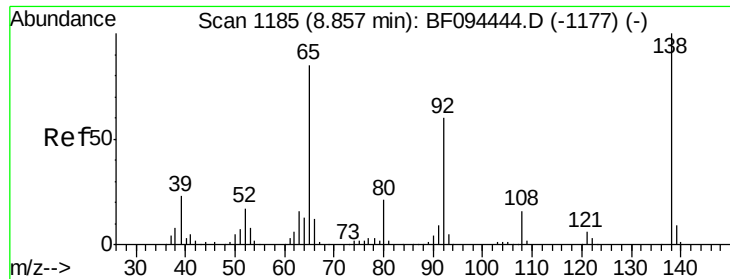
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#46
 2-Chloronaphthalene
 Concen: 39.36 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion:	162	Resp:	556442
Ion Ratio	Lower	Upper	
162	100		
127	40.9	28.3	42.5
164	33.4	27.0	40.4





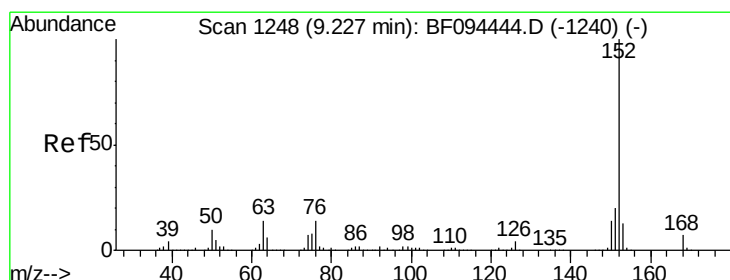
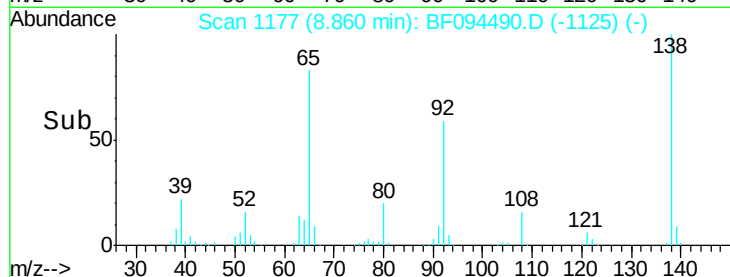
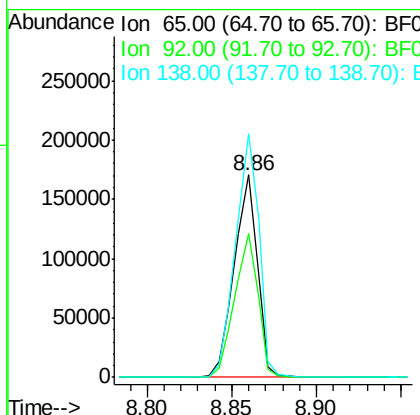
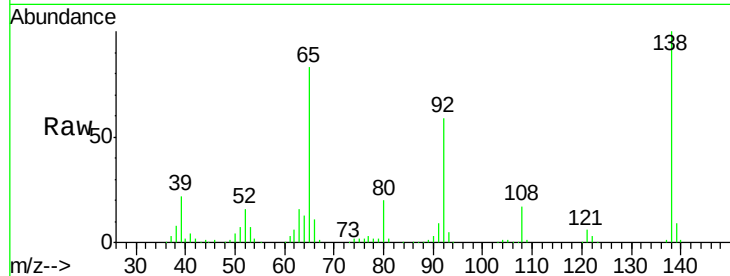
#47
2-Nitroaniline
Concen: 39.96 ng
RT: 8.86 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	120.4	78.8	118.2

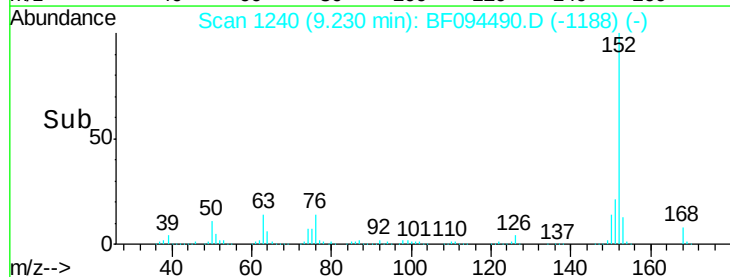
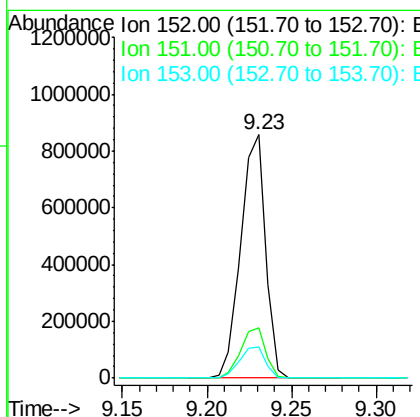
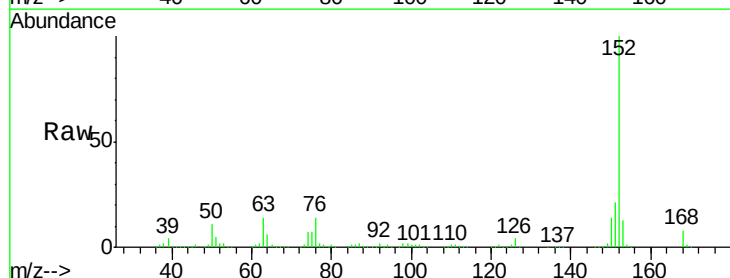
Manual Integrations
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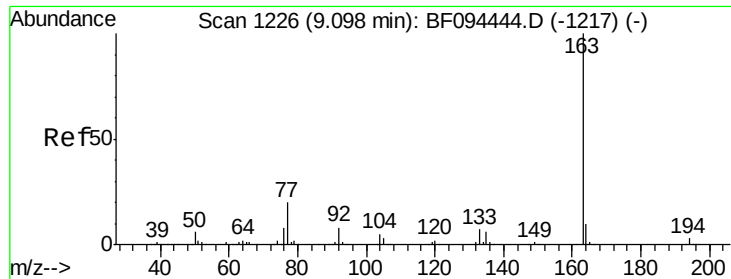
mohammad
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#48
Acenaphthylene
Concen: 39.83 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	12.8	10.8	16.2





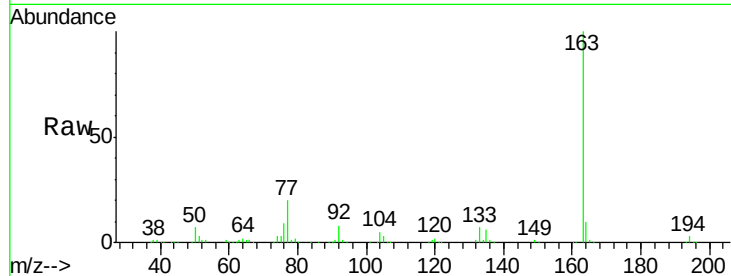
#49
Dimethylphthalate
Concen: 41.99 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

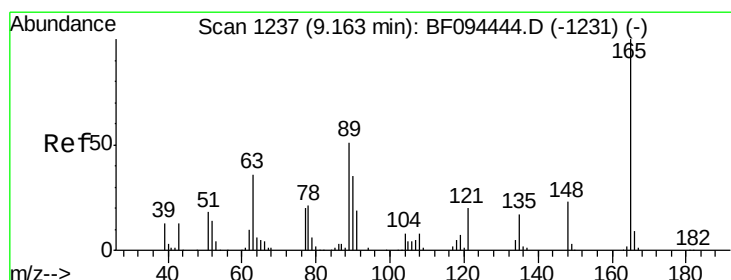
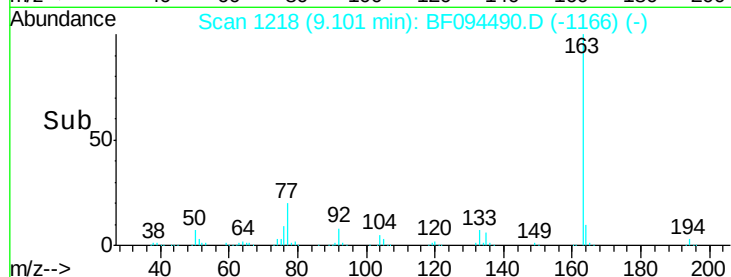
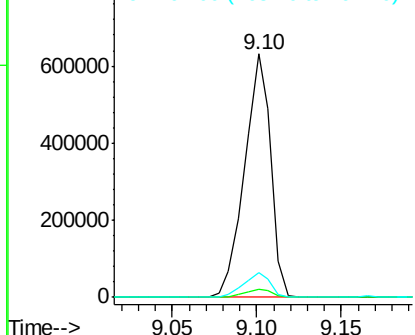
Tot Ion	Ratio	Resp	Lower	Upper
163	100	681101		
194	3.5		2.6	4.0
164	10.0		8.4	12.6

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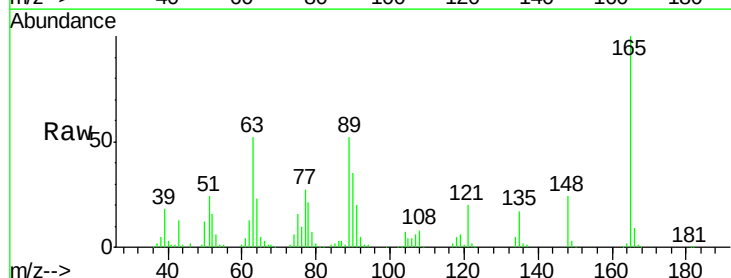


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

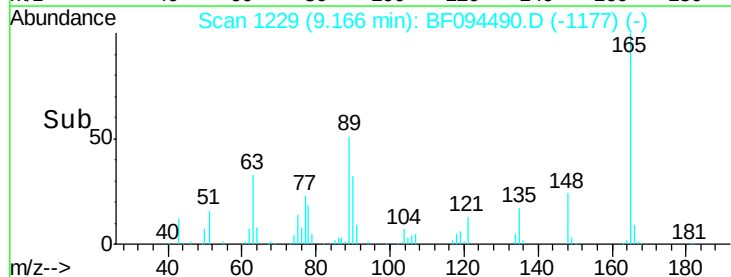
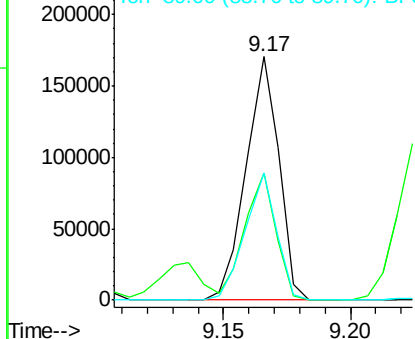


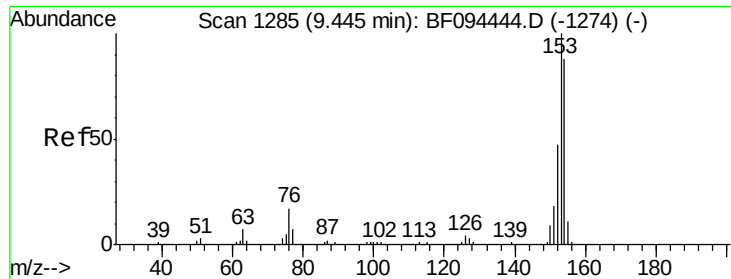
#50
2,6-Dinitrotoluene
Concen: 42.08 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153183		
63	52.0		34.3	51.5#
89	52.1		37.1	55.7



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





#51

Acenaphthene

Concen: 40.44 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

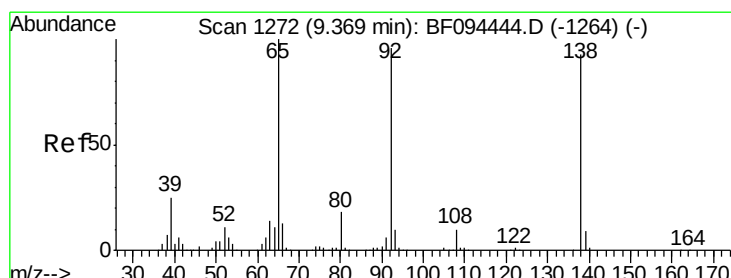
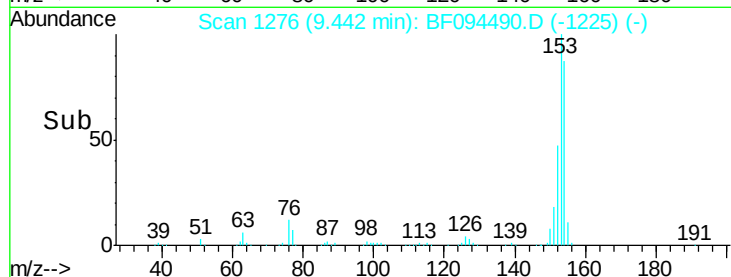
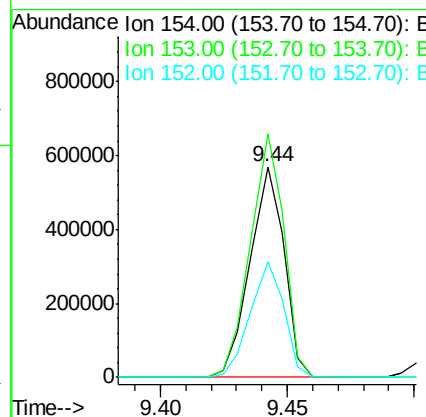
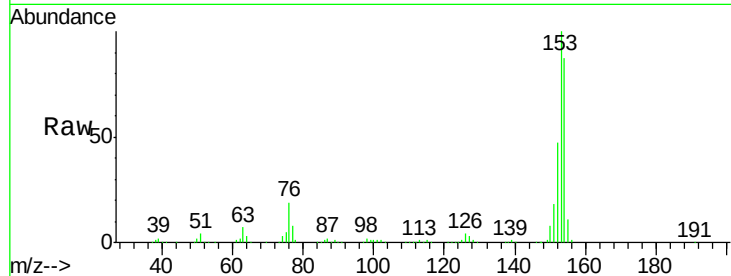
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	533878
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.5	135.7
152	54.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 41.85 ng

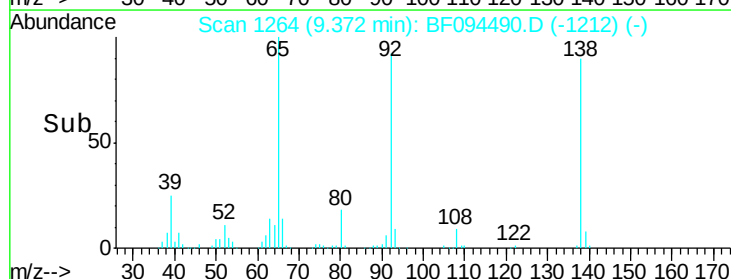
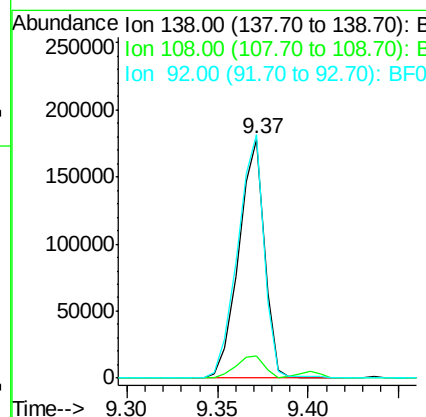
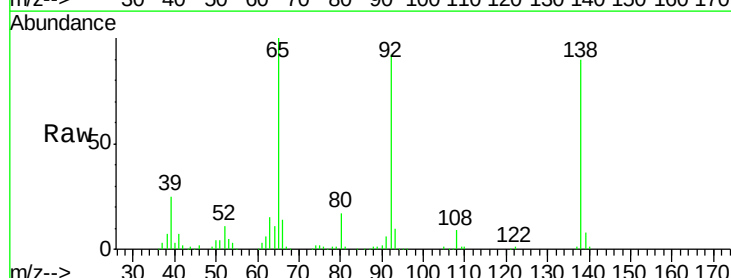
RT: 9.37 min Scan# 1264

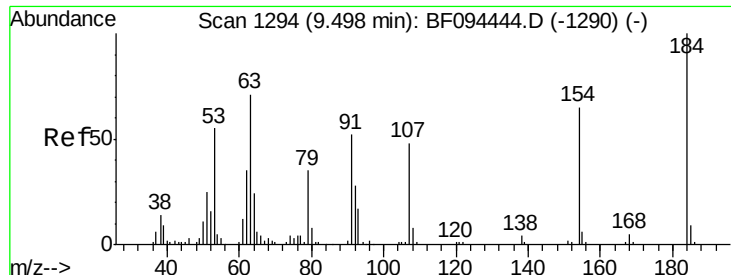
Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	138	Resp:	176249
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.1	13.7
92	102.1	93.8	140.6





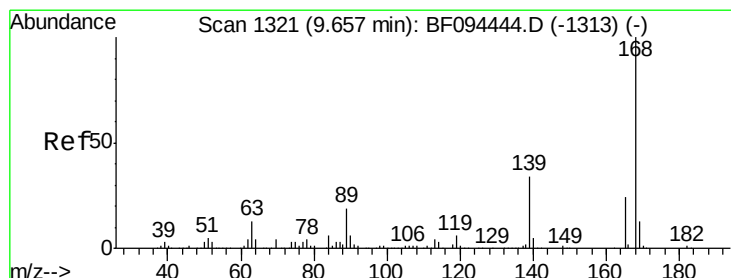
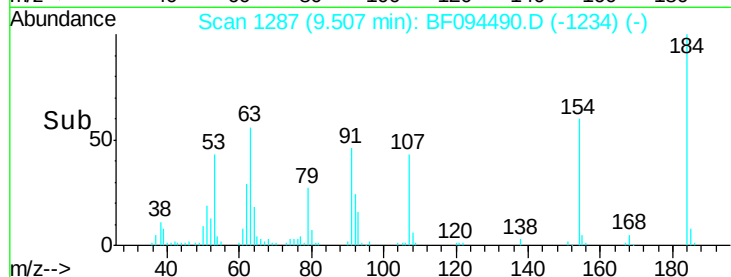
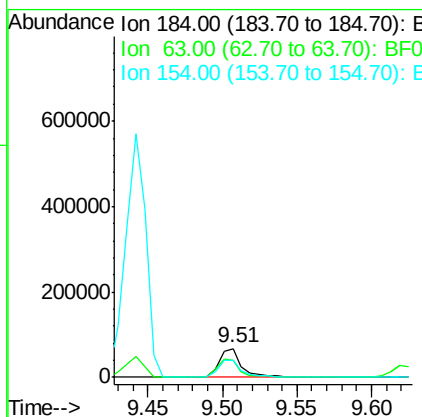
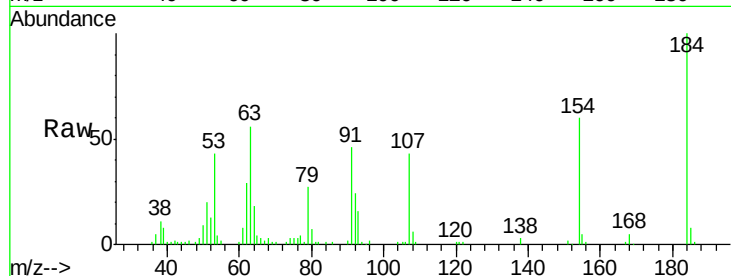
#53
 2,4-Dinitrophenol
 Concen: 40.46 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.5	62.7	94.1#
154	60.0	81.1	121.7#

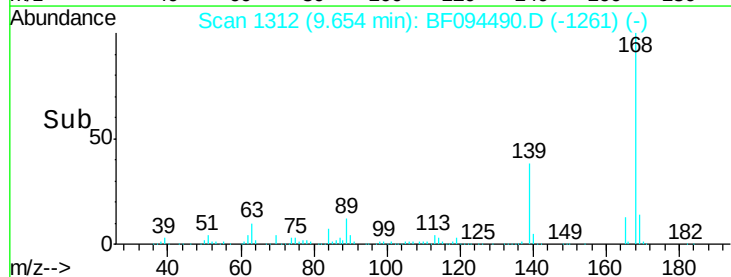
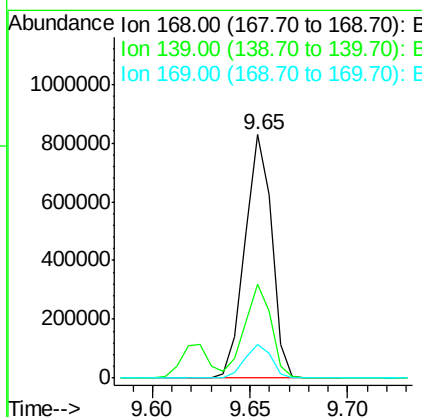
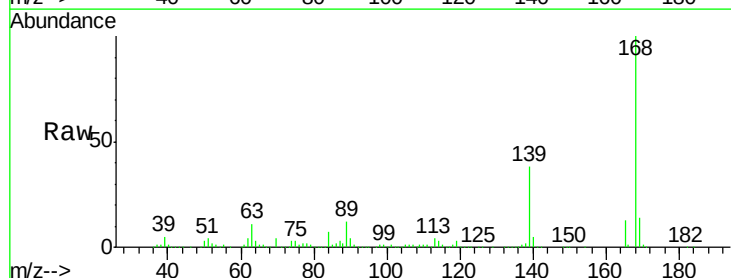
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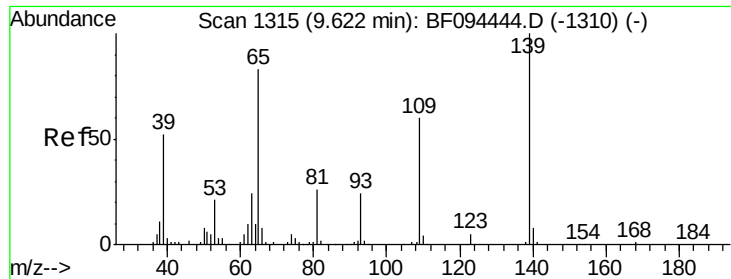
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#54
 Dibenzofuran
 Concen: 41.06 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	45.8
169	13.9	10.8	16.2





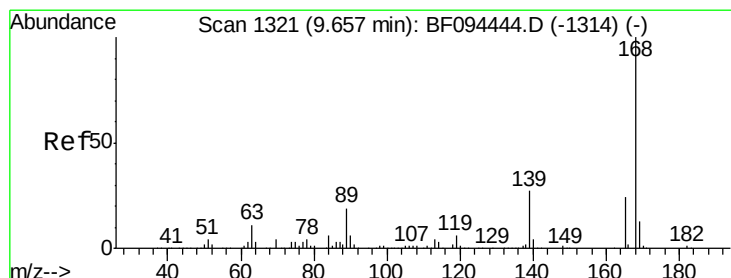
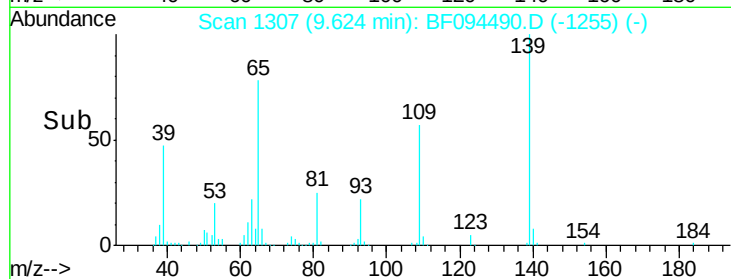
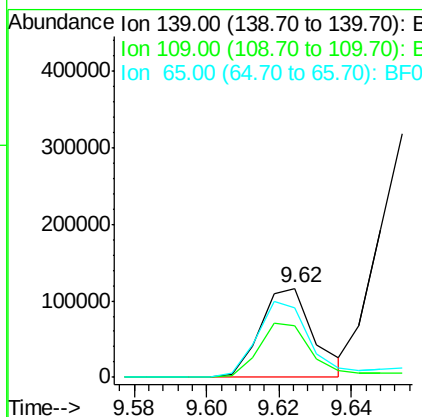
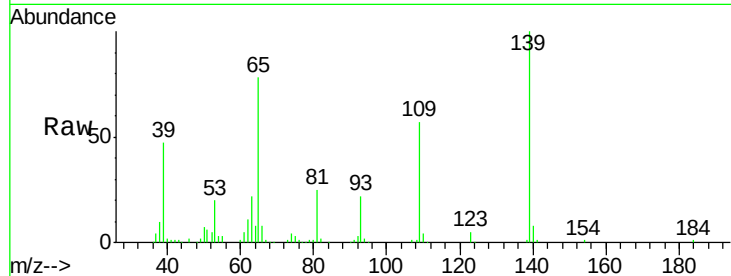
#55
4-Nitrophenol
Concen: 40.15 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.5	34.1	74.1	
65	78.4	31.4	71.4	

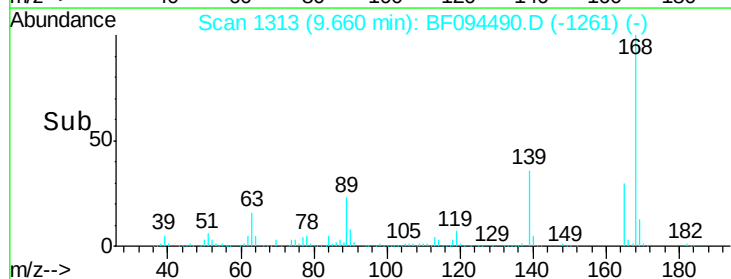
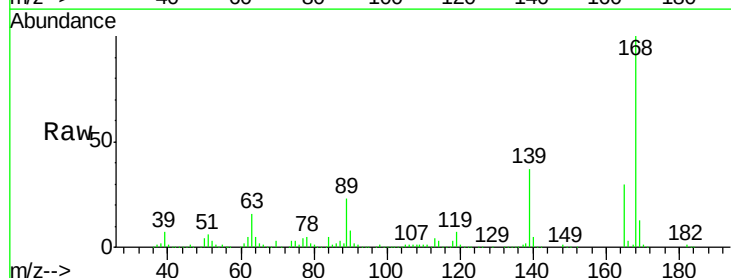
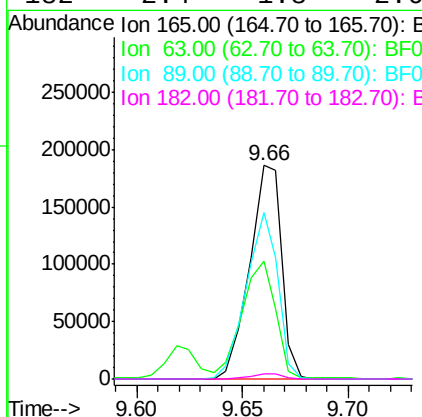
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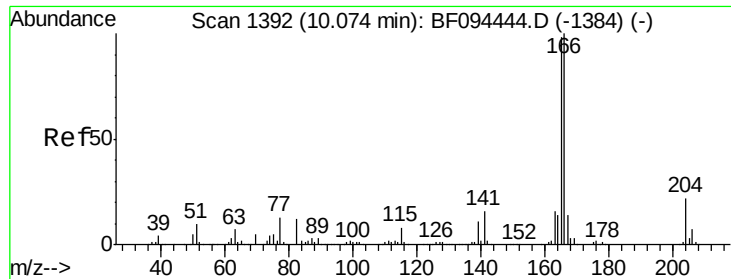
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#56
2,4-Dinitrotoluene
Concen: 44.00 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.0	25.4	38.0	
89	78.0	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 41.81 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 624705

Ion Ratio Lower Upper

166 100

165 98.1 78.8 118.2

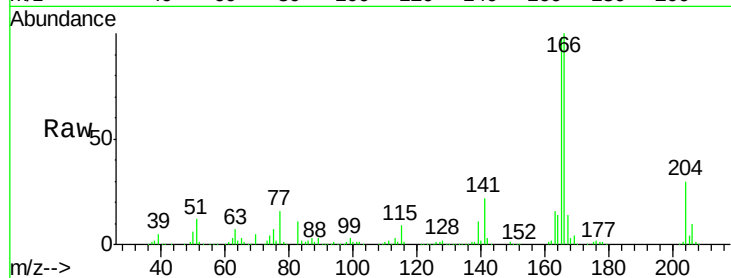
167 13.7 10.6 16.0

Manual Integrations

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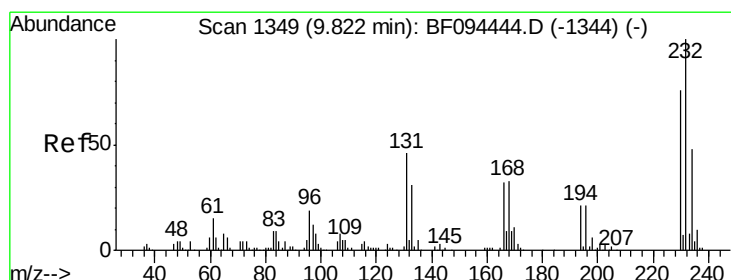
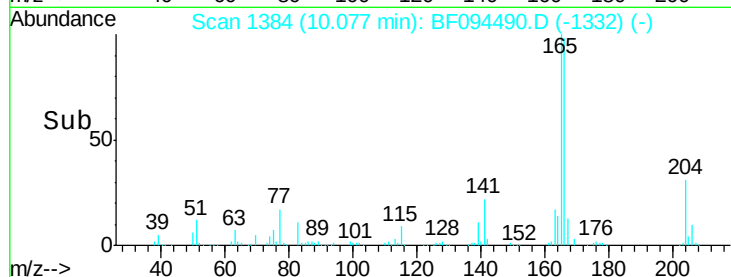
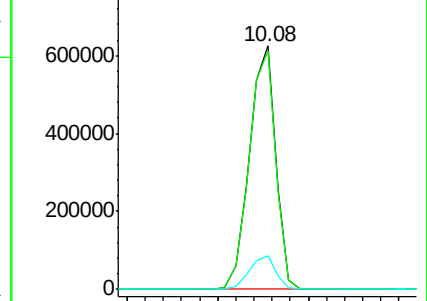
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.86 ng m

RT: 9.82 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:232 Resp: 137306

Ion Ratio Lower Upper

232 100

131 52.1 44.8 67.2

130 2.4 2.3 3.5

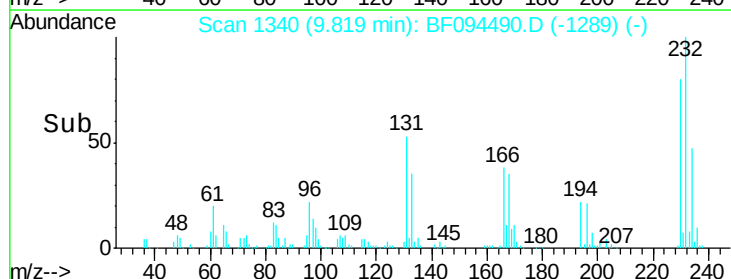
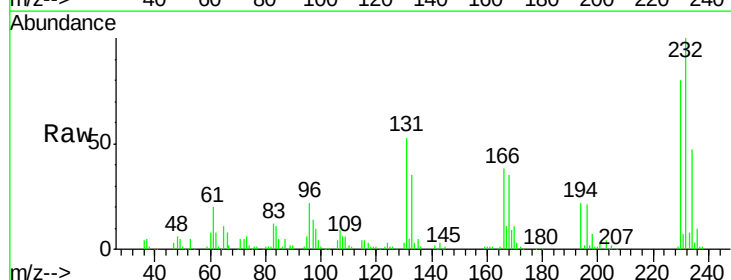
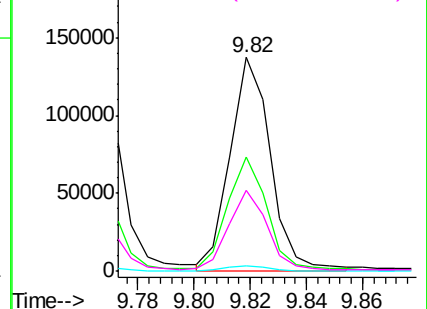
166 37.1 29.0 43.4

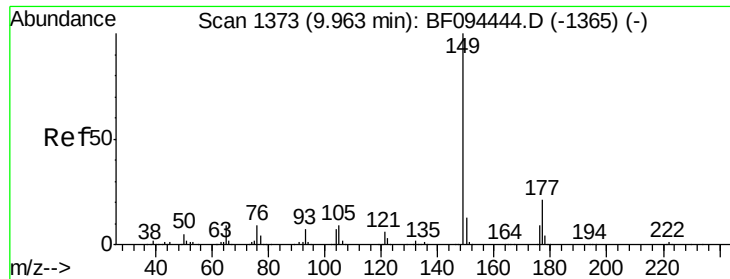
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





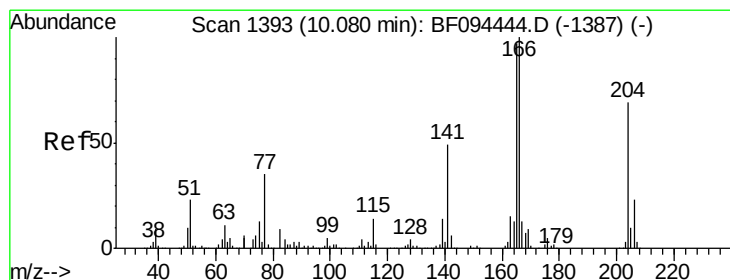
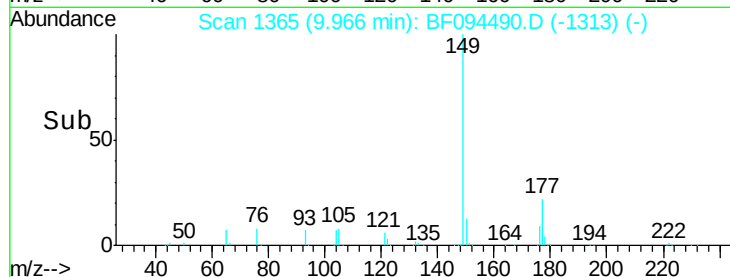
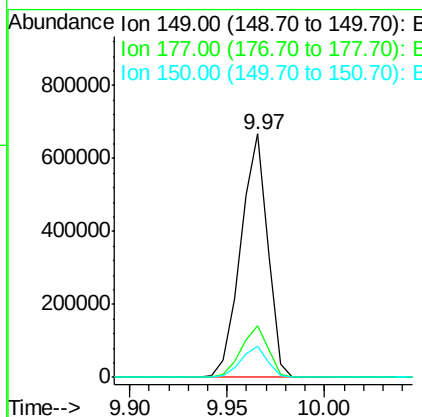
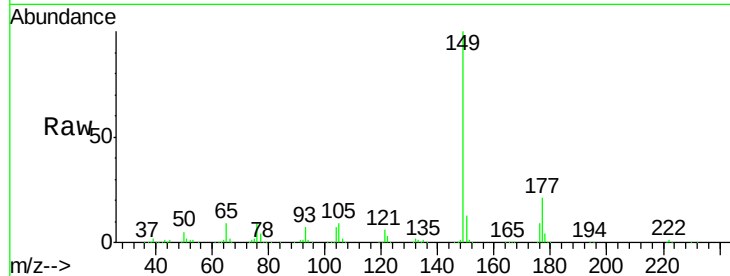
#59
Diethylphthalate
Concen: 41.49 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.5	10.2	15.2

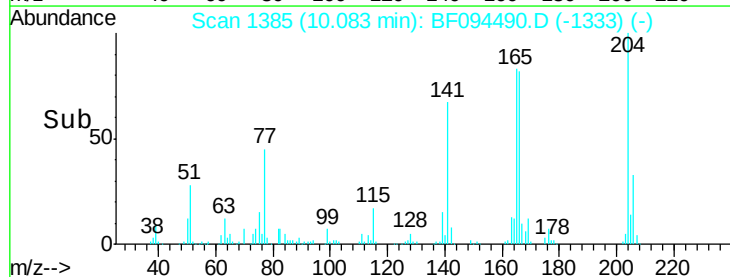
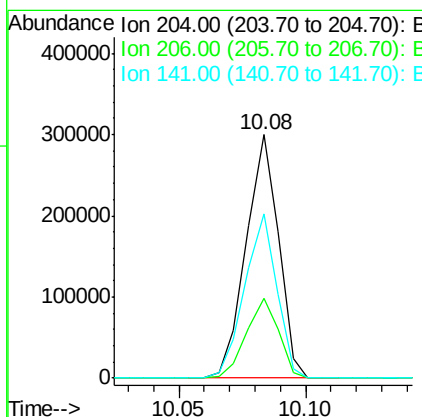
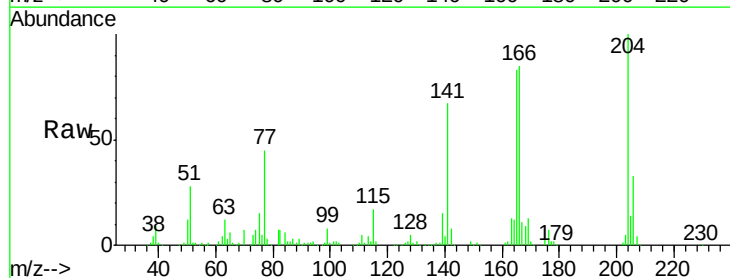
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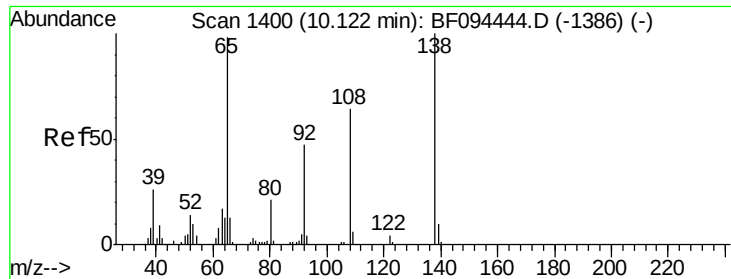
mohammad
4/19/2017 1:33:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.08 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	67.5	60.8	91.2





#61

4-Nitroaniline

Concen: 38.84 ng

RT: 10.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

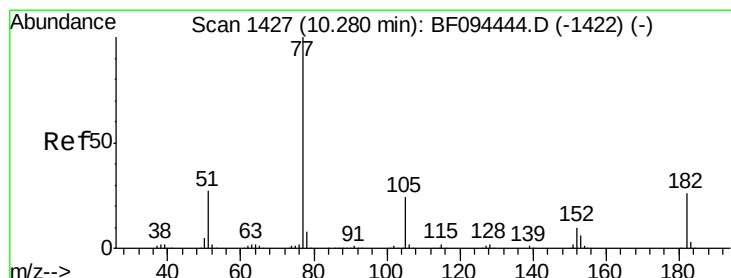
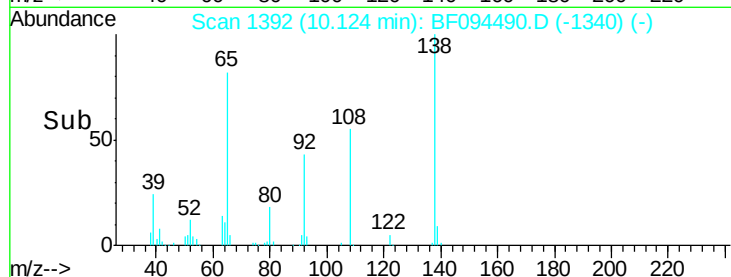
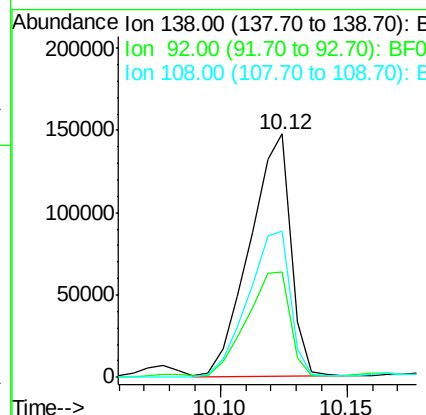
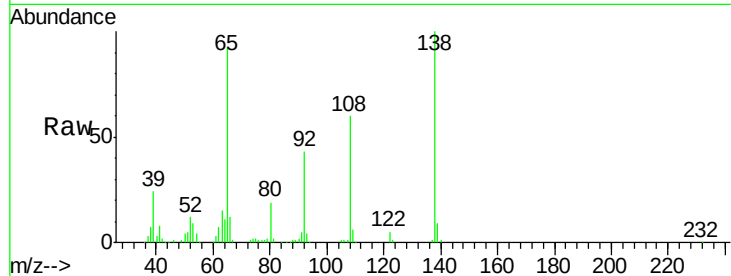
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	166317
Ion Ratio	Lower	Upper	
138	100		
92	43.5	21.8	61.8
108	60.1	42.3	82.3

Manual Integrations
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mohammad
4/19/2017 1:33:21 PM



#62

Azobenzene

Concen: 43.15 ng

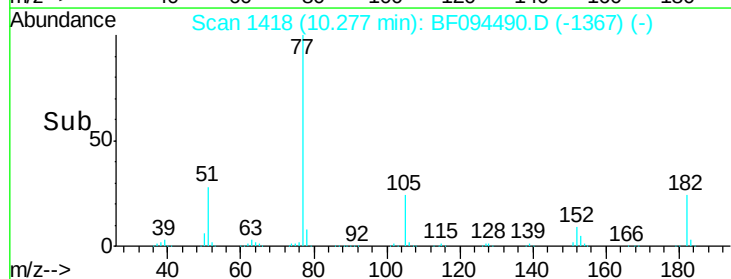
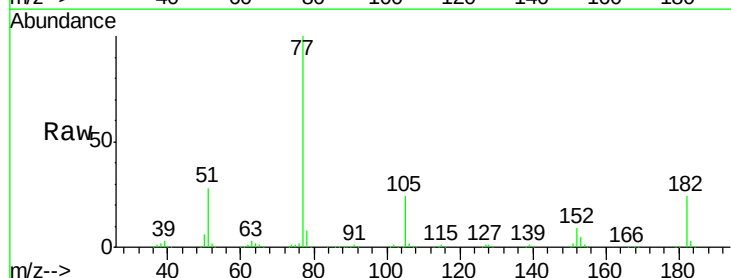
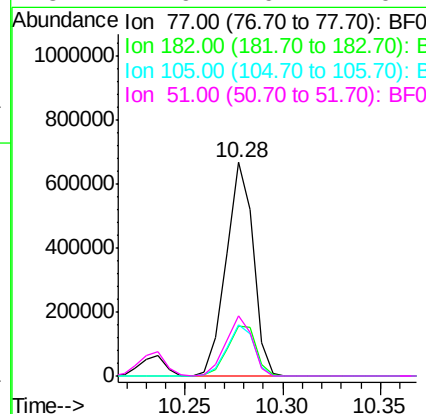
RT: 10.28 min Scan# 1418

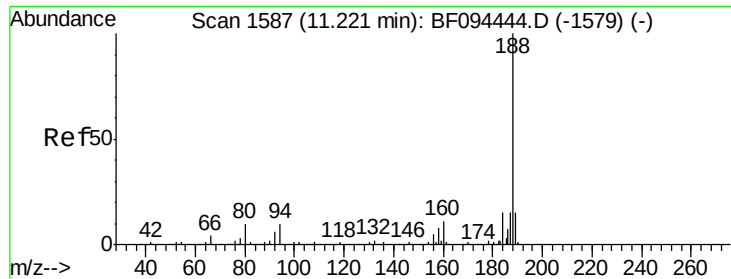
Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	77	Resp:	641124
Ion Ratio	Lower	Upper	
77	100		
182	23.5	0.1	40.1
105	23.8	3.6	43.6
51	27.9	9.4	49.4





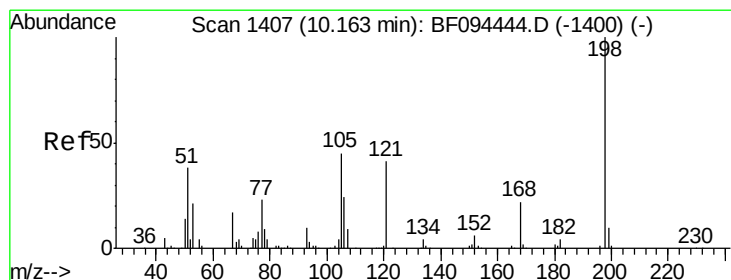
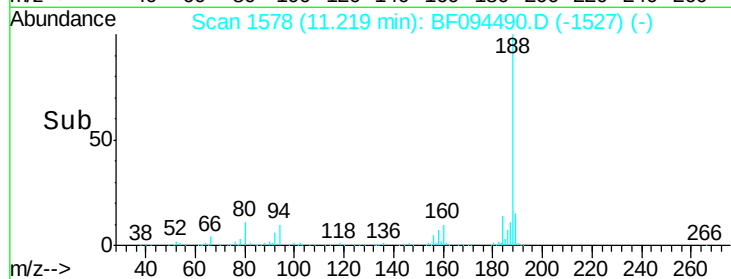
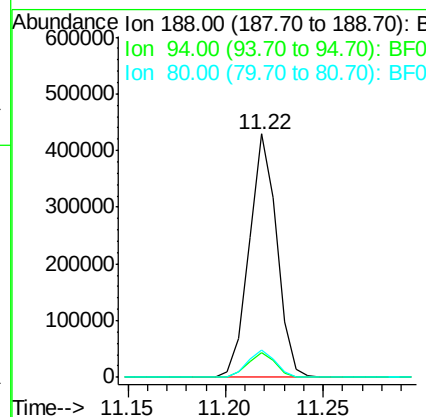
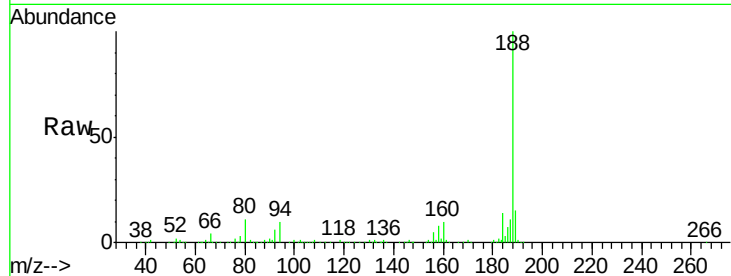
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	417940		
94	10.2		9.4	14.2
80	11.4		10.2	15.2

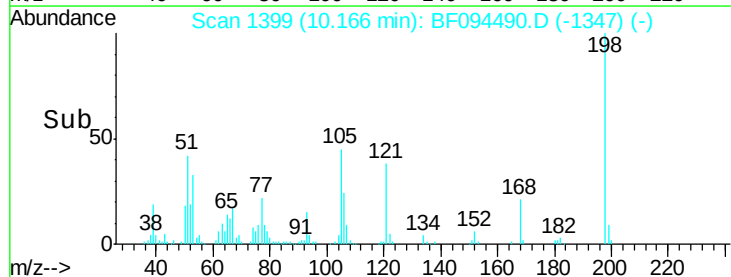
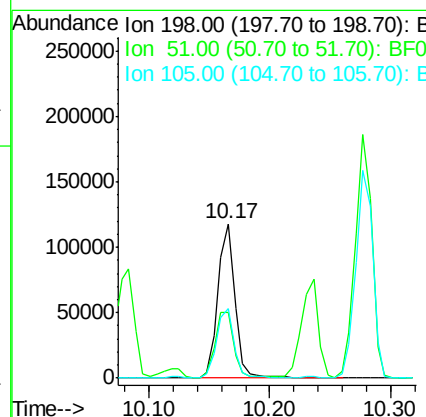
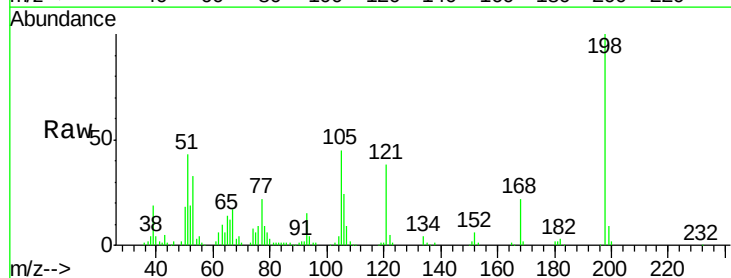
Manual Integrations
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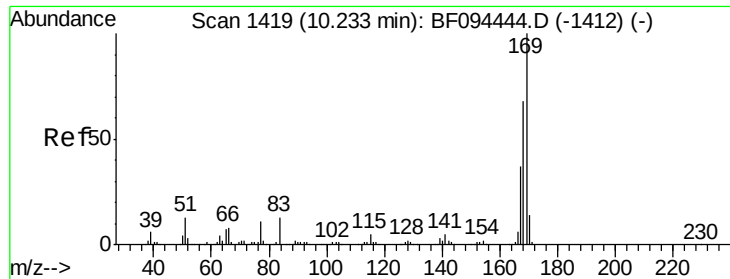
mohammad
4/19/2017 1:33:21 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.75 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	114314		
51	42.6		53.2	93.2#
105	45.2		45.8	85.8#





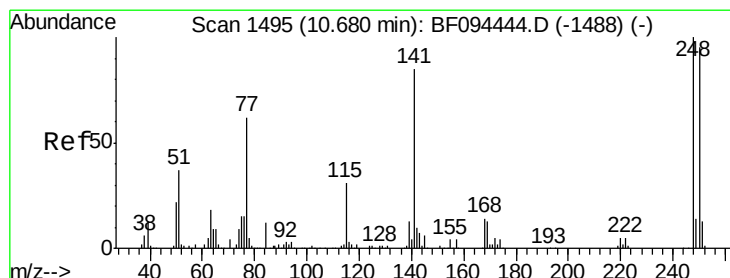
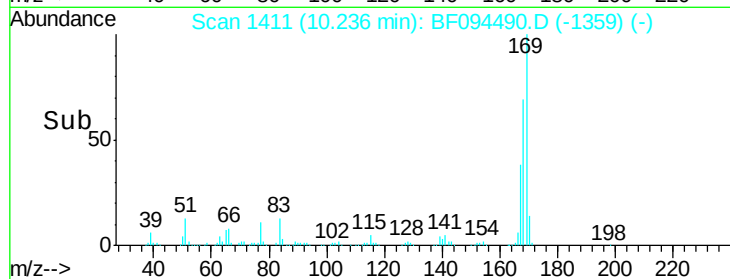
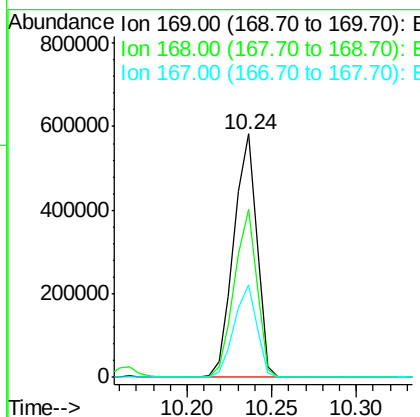
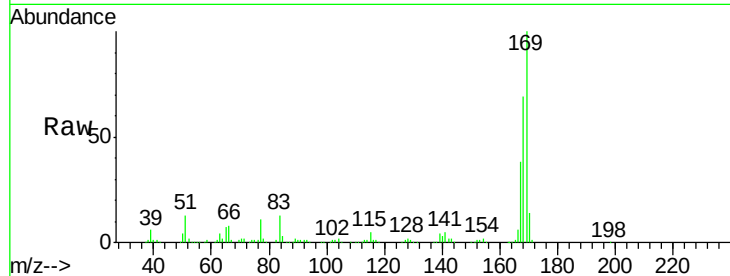
#65
n-Nitrosodiphenylamine
Concen: 38.07 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.2	53.2	79.8
167	37.9	29.5	44.3

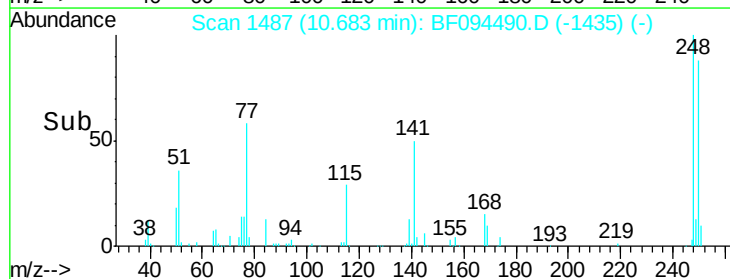
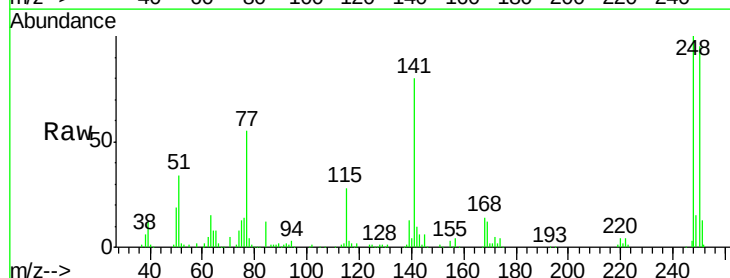
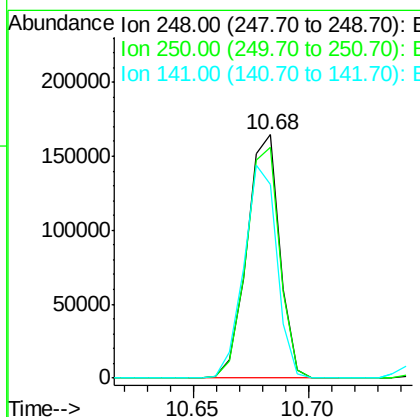
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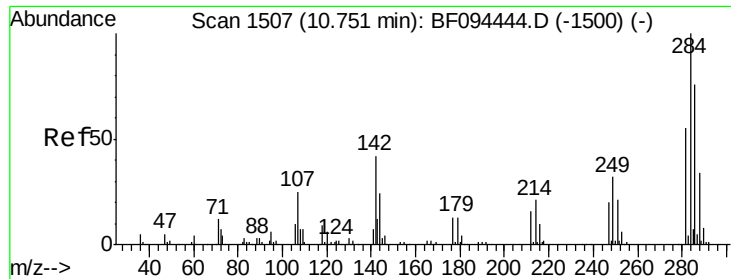
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 39.33 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.8	115.2
141	79.5	68.6	103.0





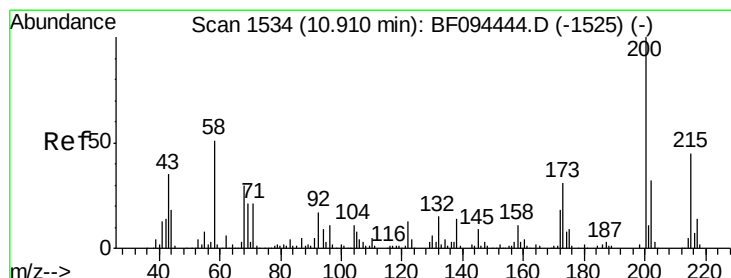
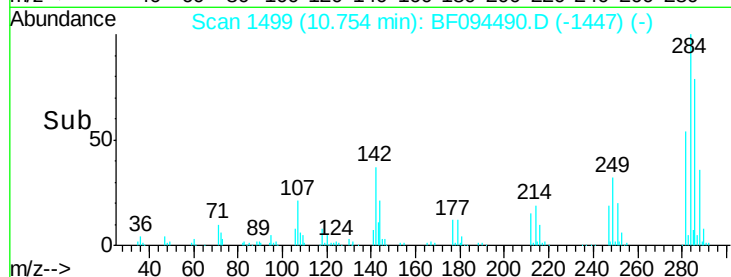
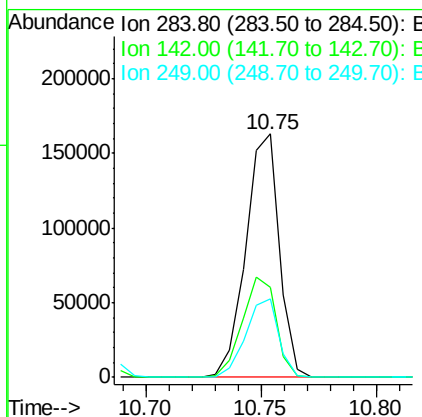
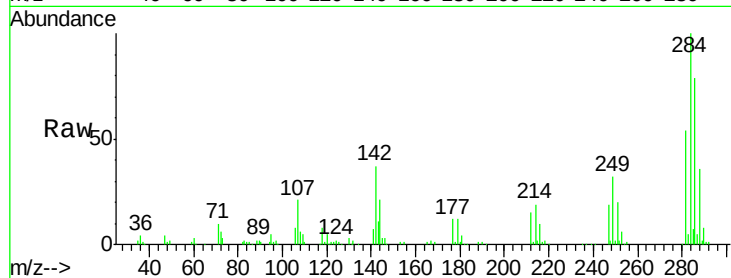
#67
Hexachlorobenzene
Concen: 39.45 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	164980		
142	37.0	22.8	34.2	#
249	32.2	24.0	36.0	

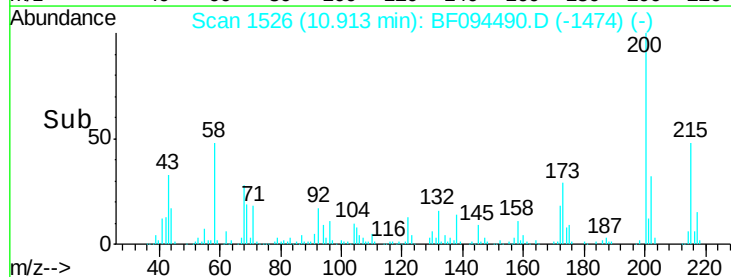
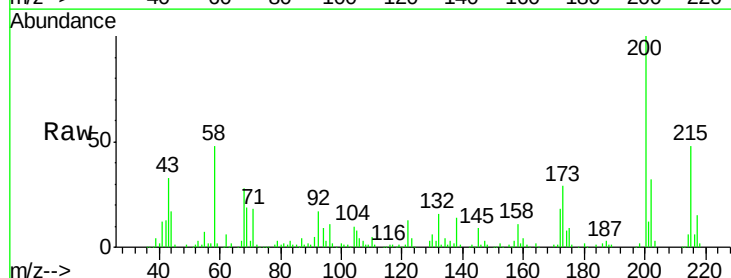
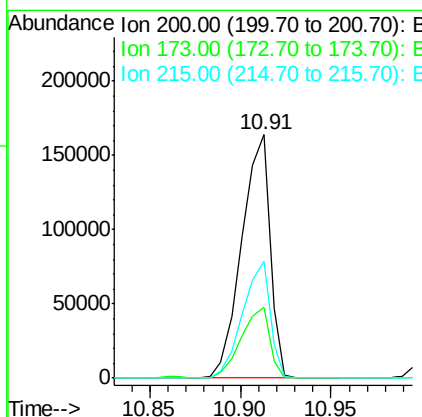
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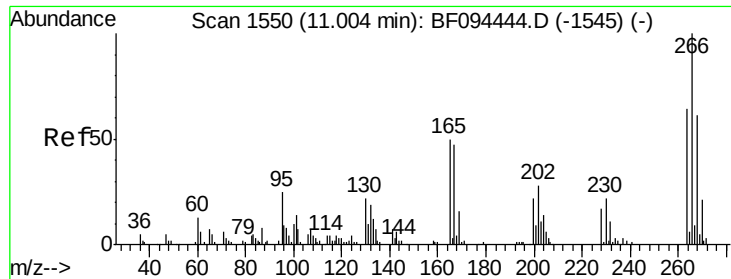
mohammad
4/19/2017 1:33:21 PM



#68
Atrazine
Concen: 41.14 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178899		
173	29.0	6.3	46.3	
215	48.0	27.2	67.2	





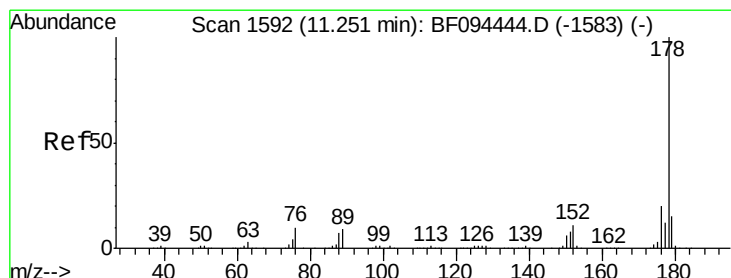
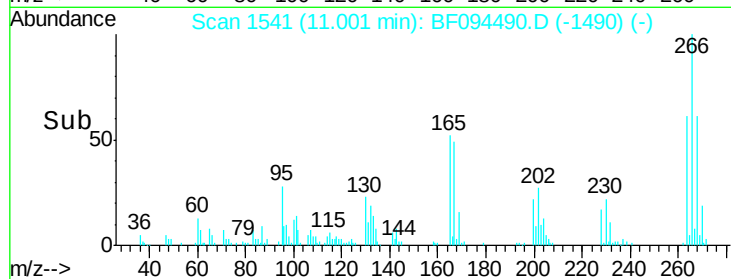
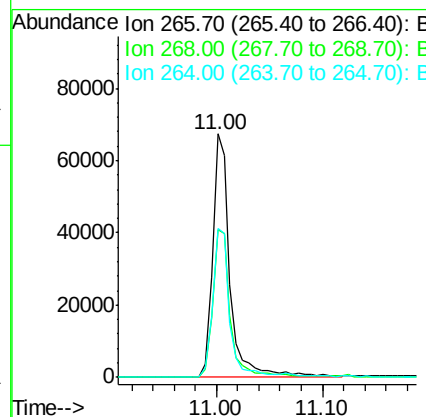
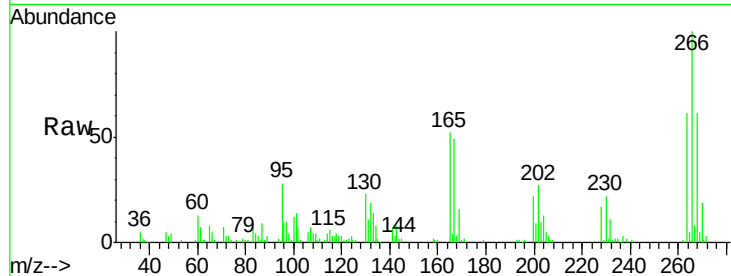
#69
 Pentachlorophenol
 Concen: 46.82 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.1	76.7
264	61.2	51.7	77.5

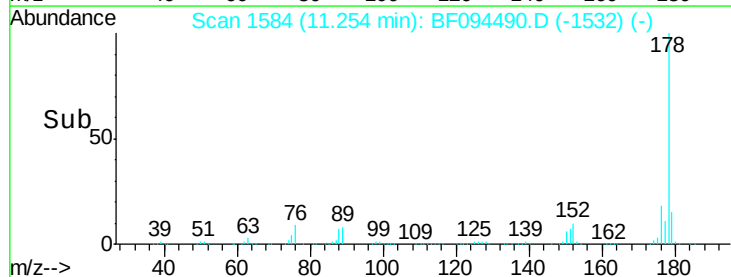
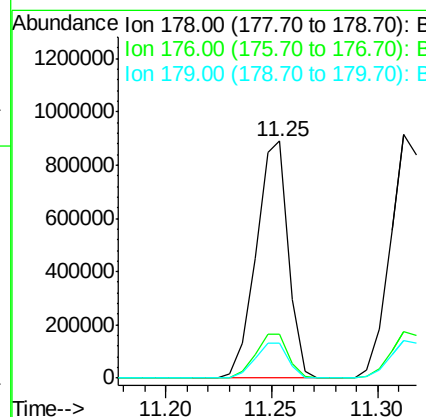
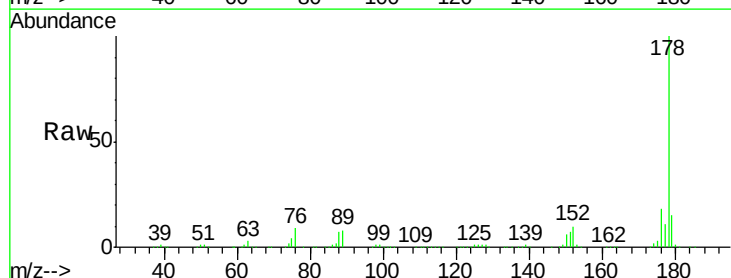
Manual Integrations
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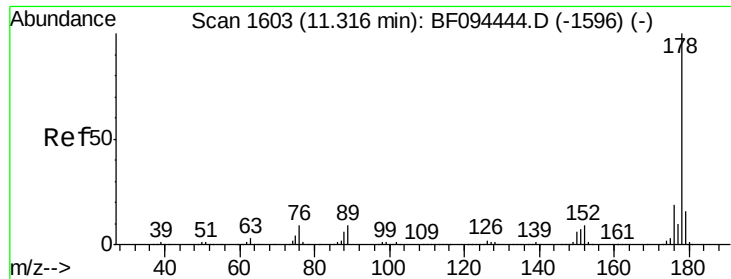
mohammad
 4/19/2017 1:33:21 PM



#70
 Phenanthrene
 Concen: 39.87 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	14.8	12.6	19.0





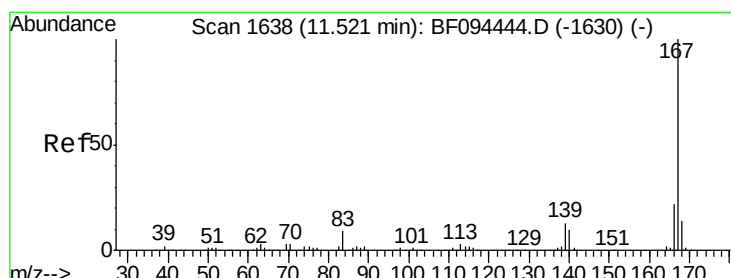
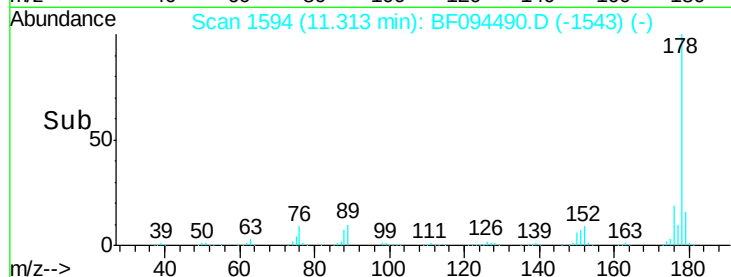
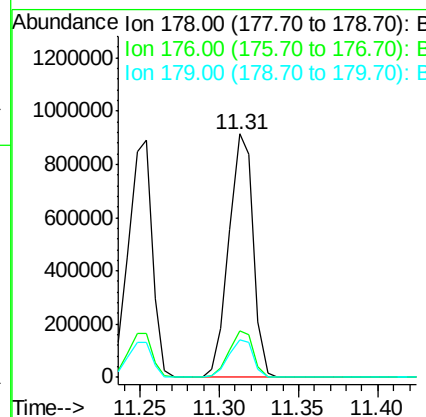
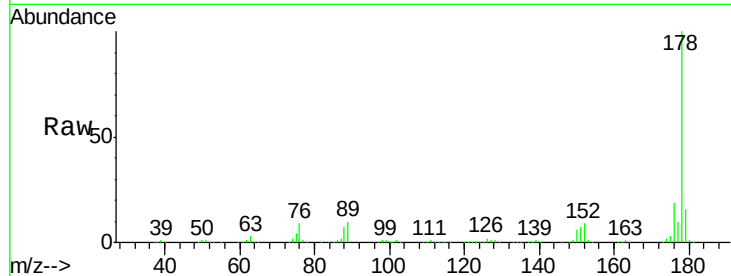
#71
 Anthracene
 Concen: 39.89 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	12.7	19.1

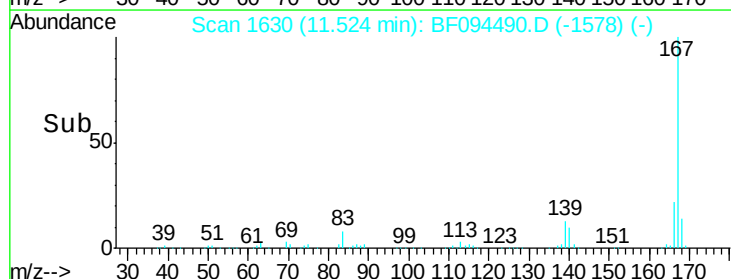
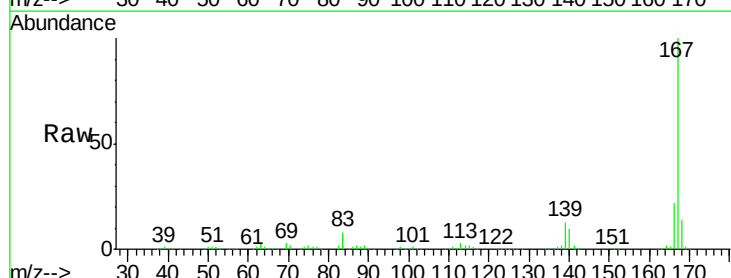
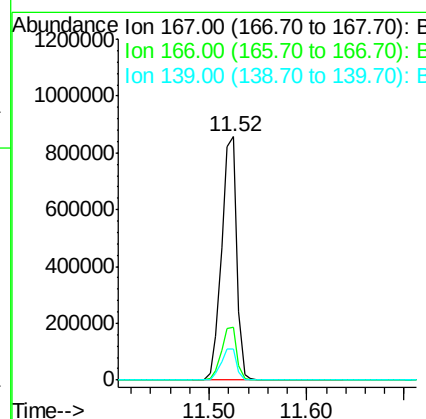
Manual Integrations
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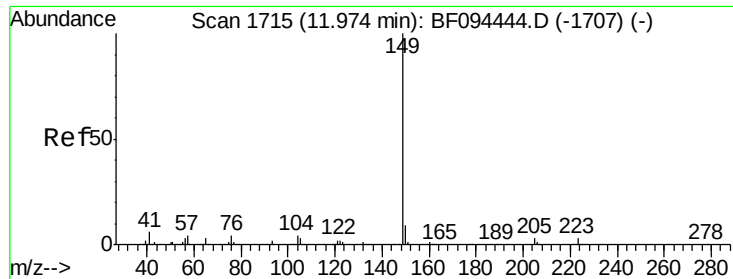
mohammad
 4/19/2017 1:33:21 PM



#72
 Carbazole
 Concen: 40.28 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.85 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1027849

Ion Ratio Lower Upper

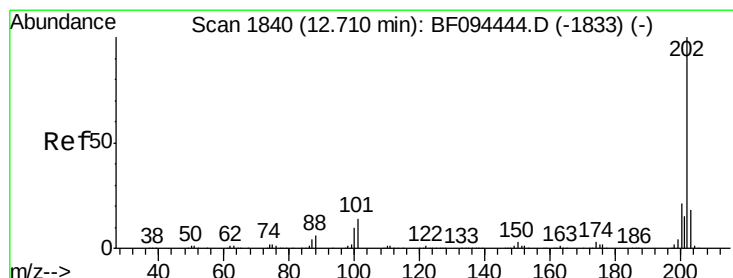
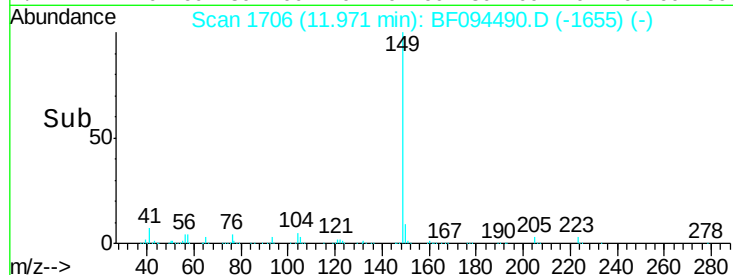
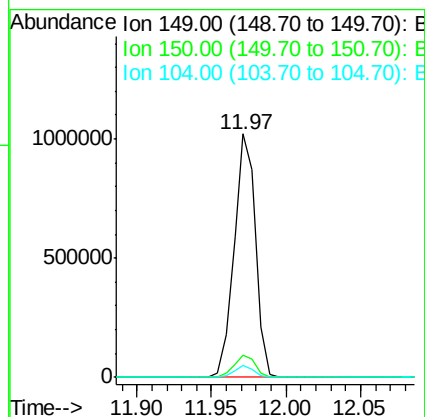
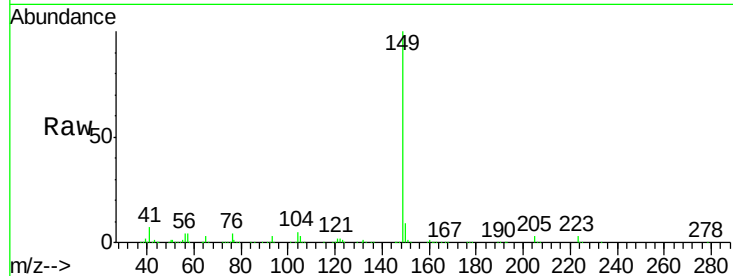
149 100

150 9.4 7.7 11.5

104 4.7 4.0 6.0

Manual Integrations
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4/19/2017 1:33:21 PM



#74

Fluoranthene

Concen: 41.17 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

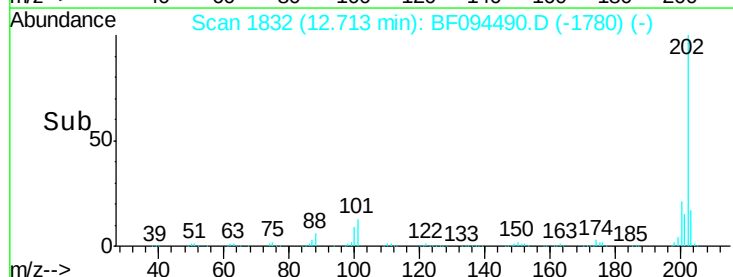
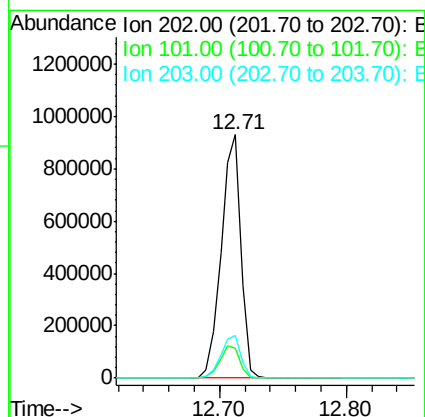
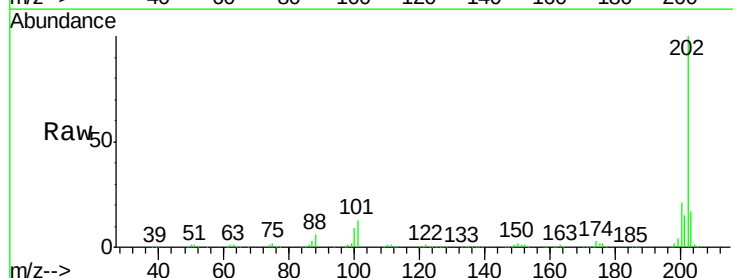
Tgt Ion:202 Resp: 1004300

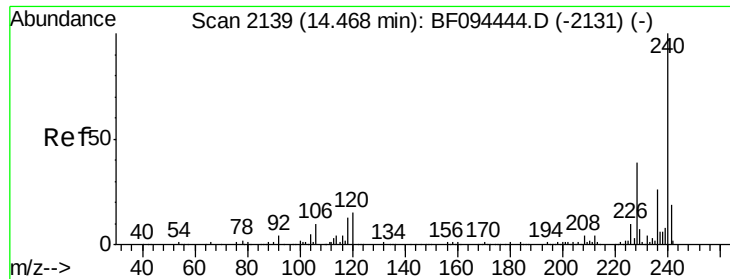
Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

203 17.4 0.0 38.1





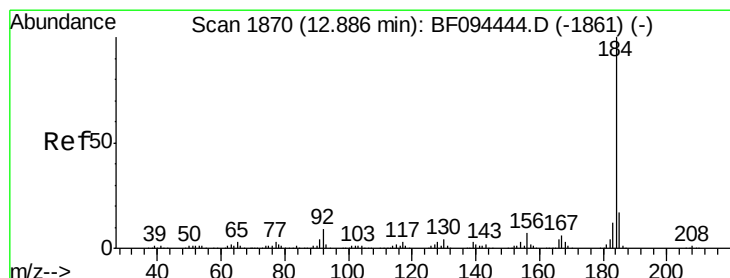
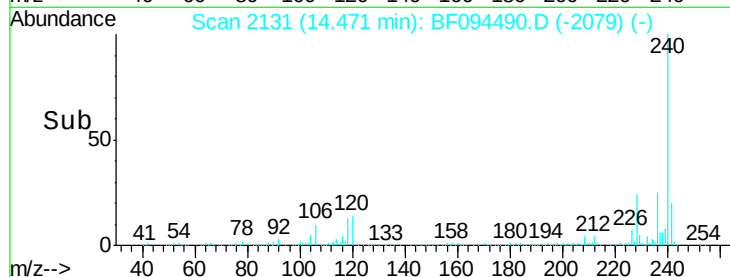
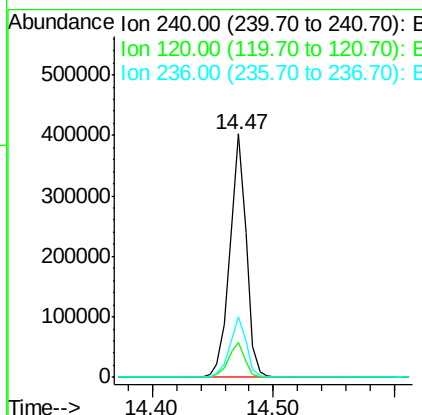
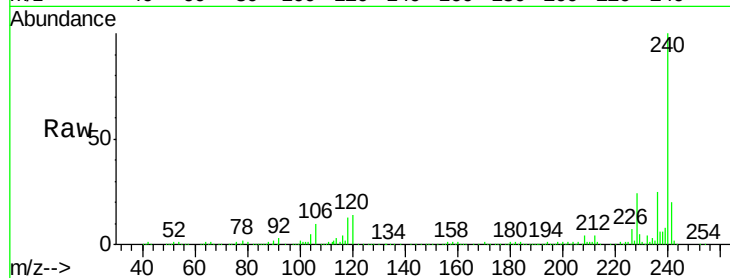
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.8	20.5	30.7

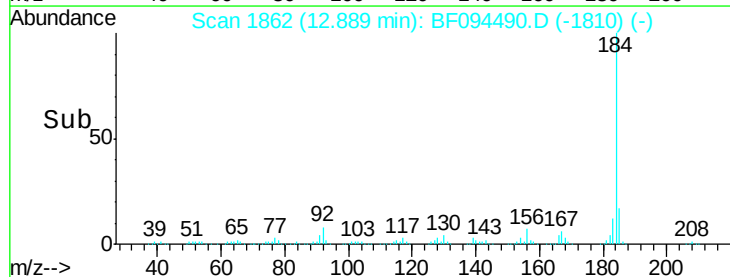
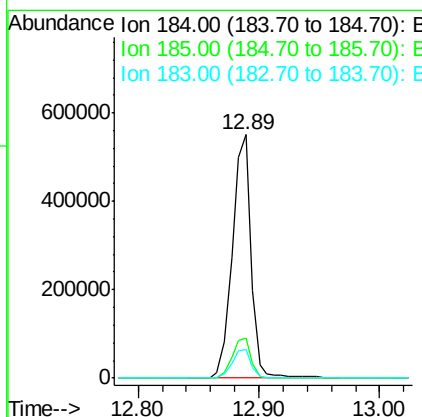
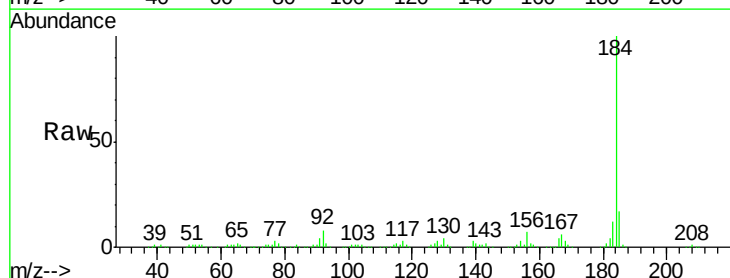
Manual Integrations
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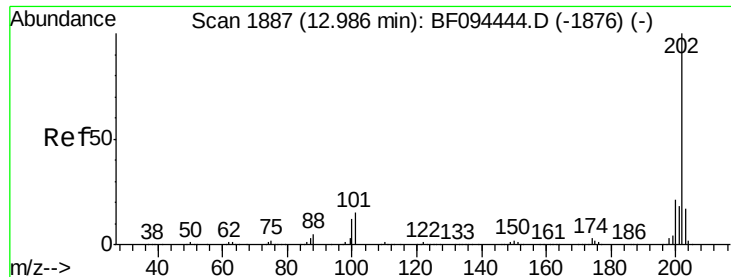
mohammad
4/19/2017 1:33:21 PM



#76
Benzidine
Concen: 38.59 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	15.5	23.3
183	11.8	9.8	14.6





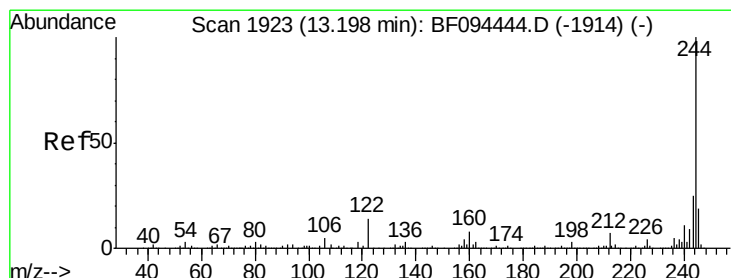
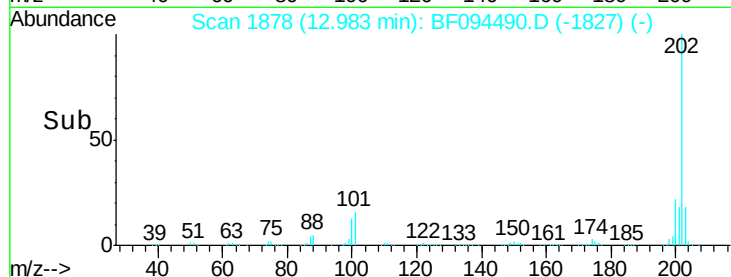
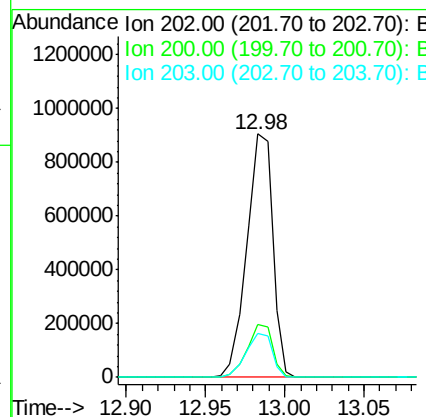
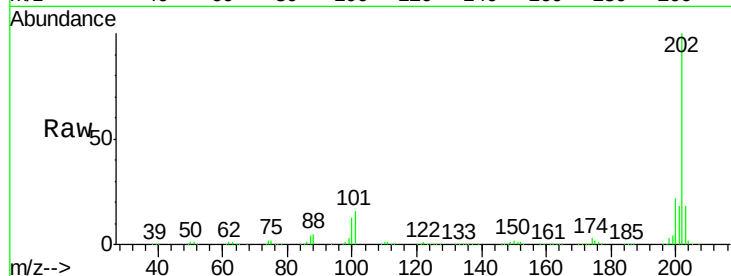
#77
Pvrene
Concen: 38.50 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.9	14.4	21.6

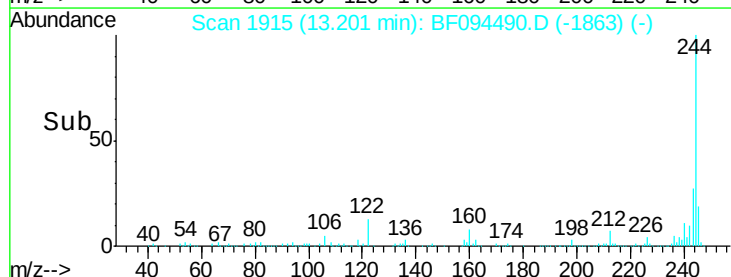
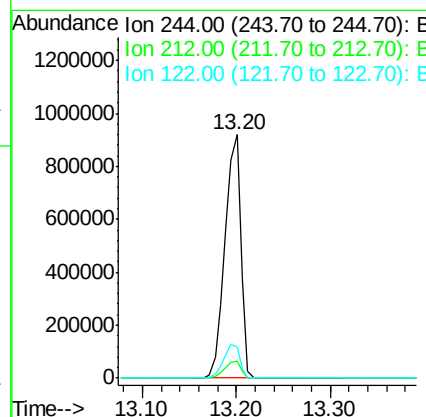
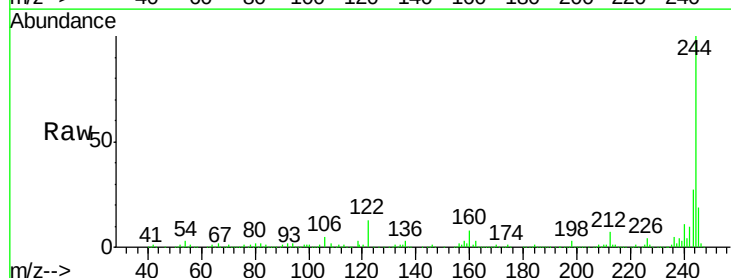
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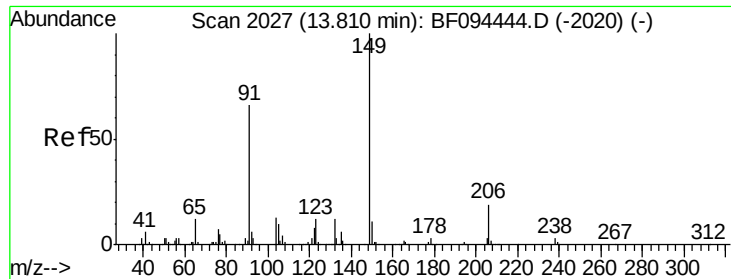
mohammad
4/19/2017 1:33:21 PM



#78
Terphenyl-d14
Concen: 76.40 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.9	10.3	15.5





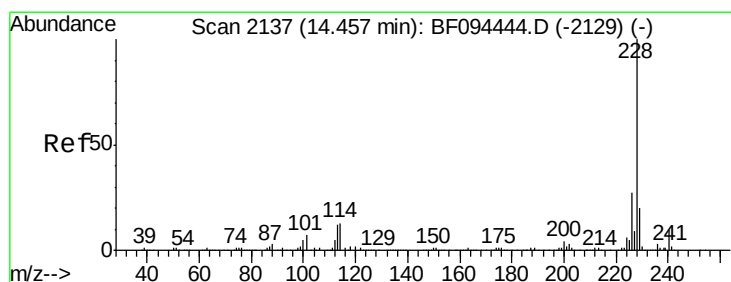
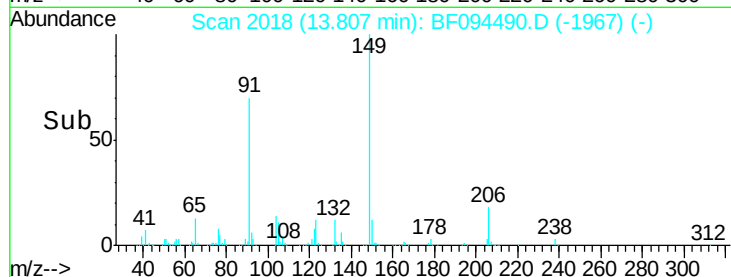
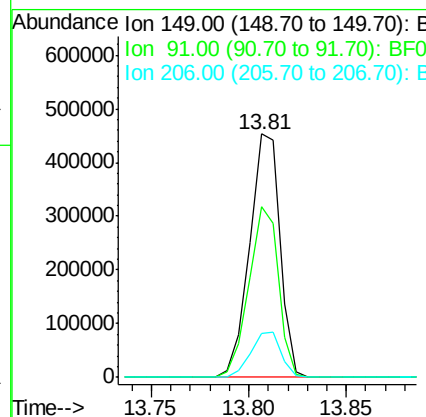
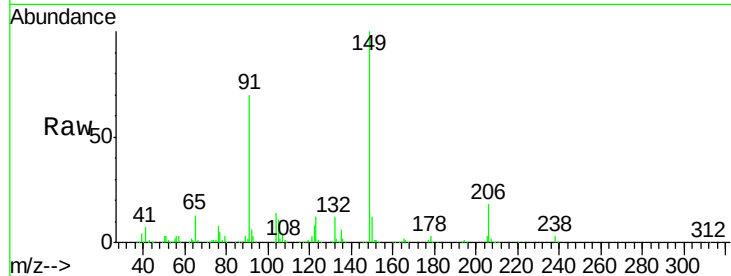
#79
Butylbenzylphthalate
Concen: 41.85 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	45.0	67.4#
206	18.0	17.0	25.6

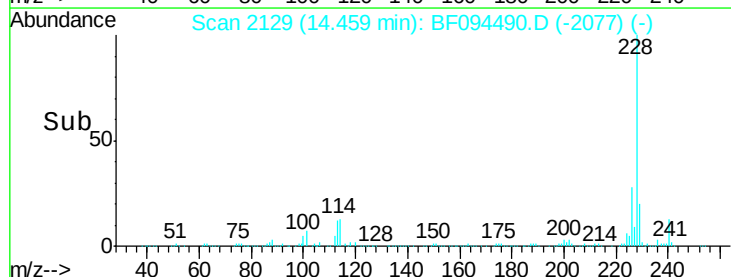
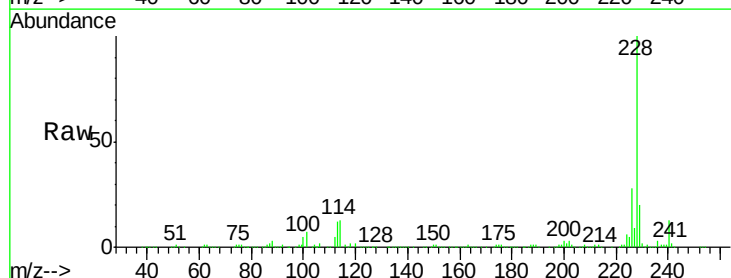
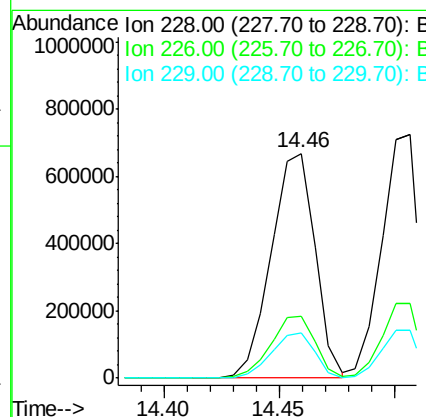
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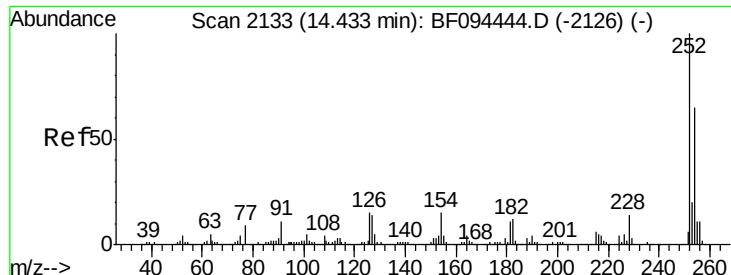
mohammad
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#80
Benzo(a)anthracene
Concen: 39.75 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.2	16.3	24.5





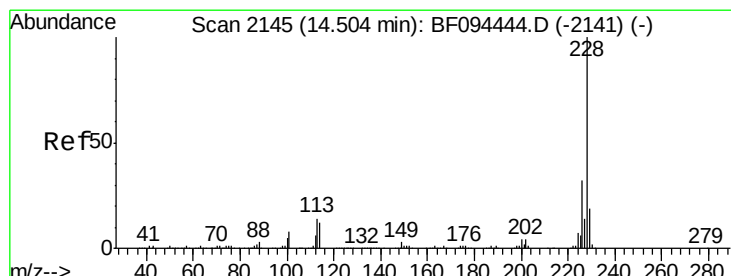
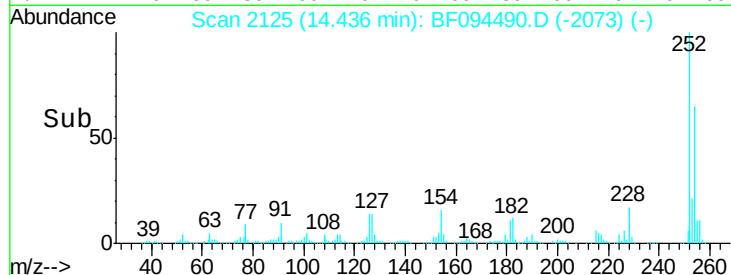
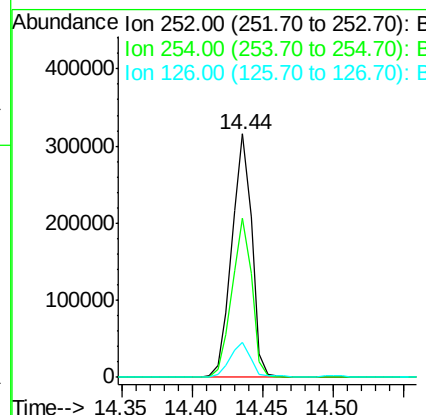
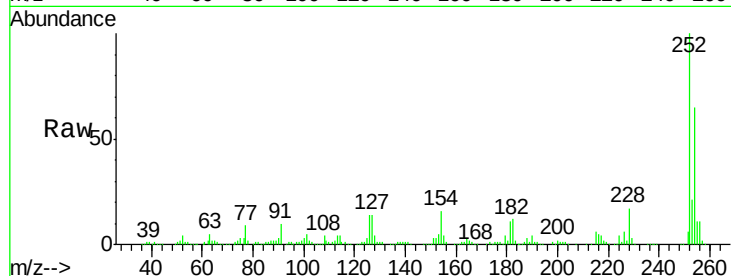
#81
 3,3'-Dichlorobenzidine
 Concen: 39.64 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	311467		
254	65.4	51.5	77.3	
126	14.5	15.8	23.8	

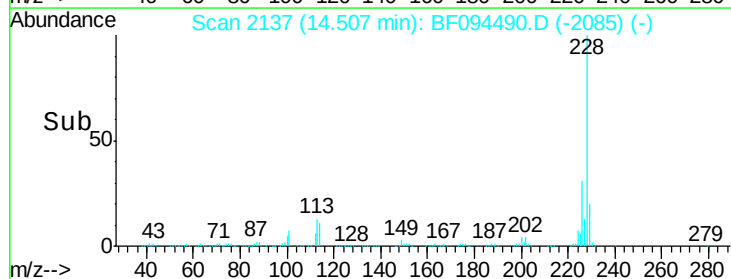
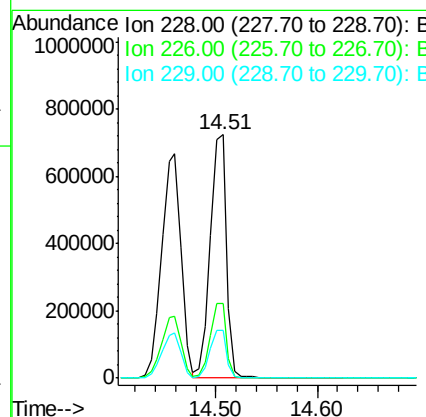
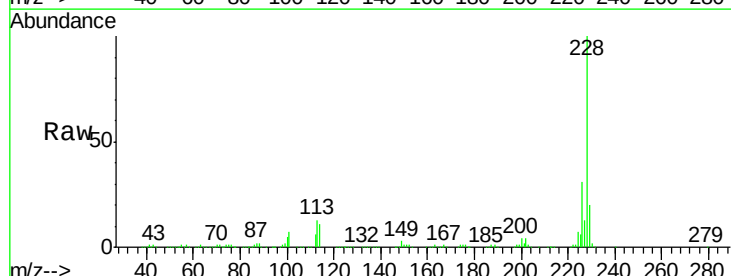
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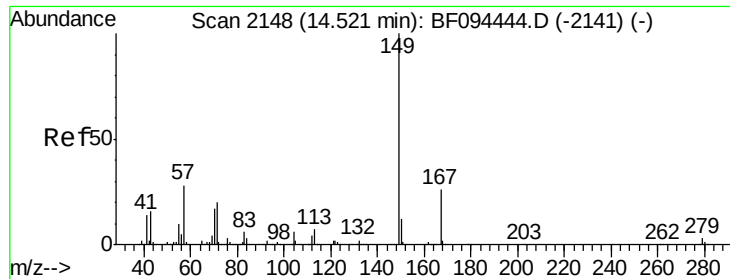
mohammad
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#82
 Chrysene
 Concen: 39.89 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	809143		
226	30.9	24.9	37.3	
229	19.7	15.8	23.6	





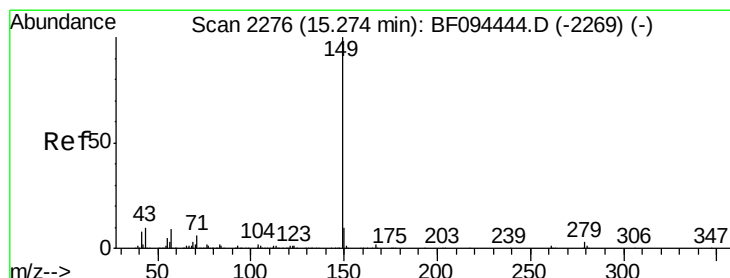
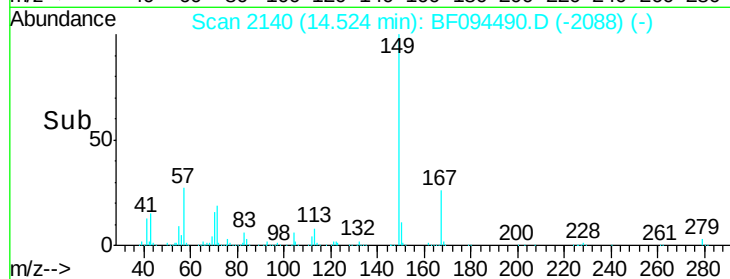
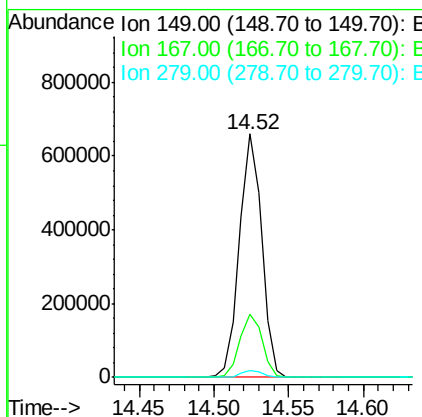
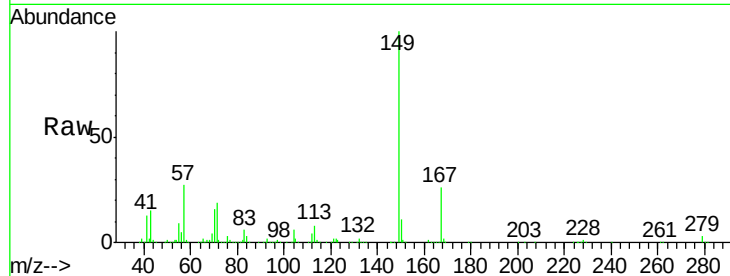
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.86 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	2.8	1.9	2.9

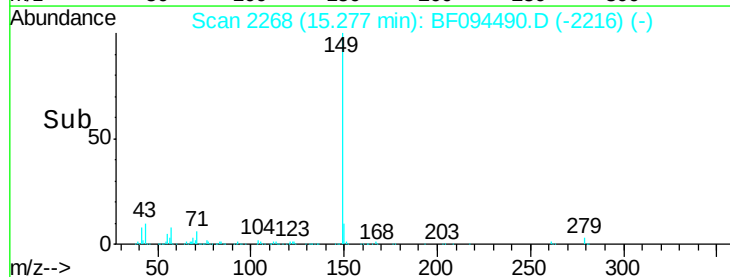
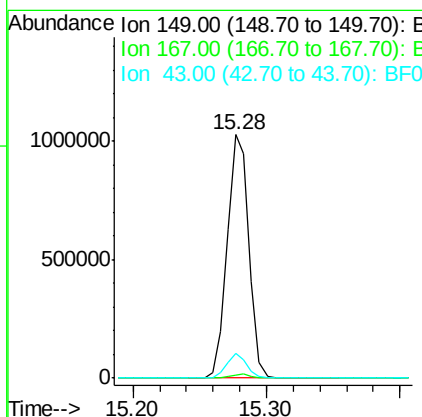
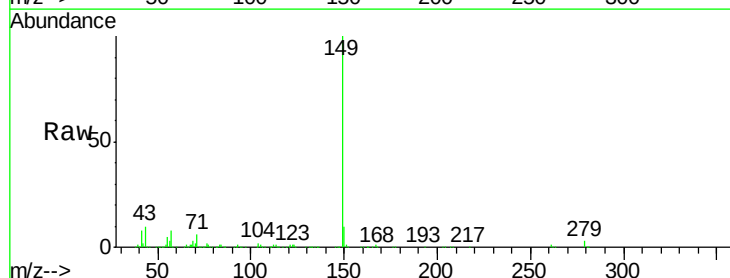
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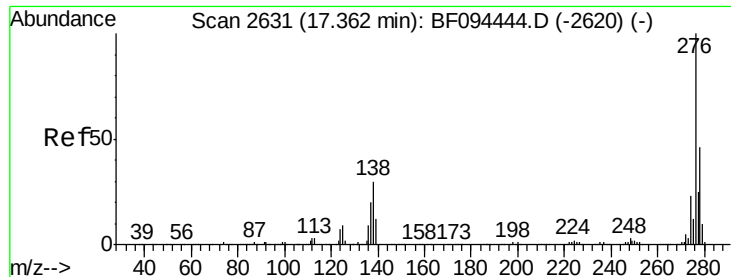
mohammad
 4/19/2017 1:33:21 PM



#84
 Di-n-octyl phthalate
 Concen: 44.43 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.5	12.7





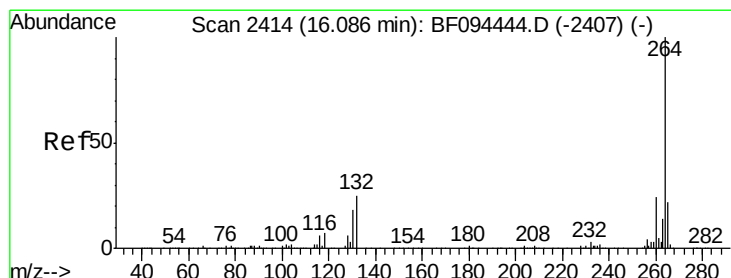
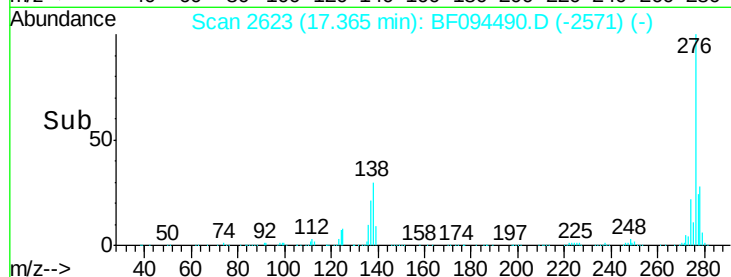
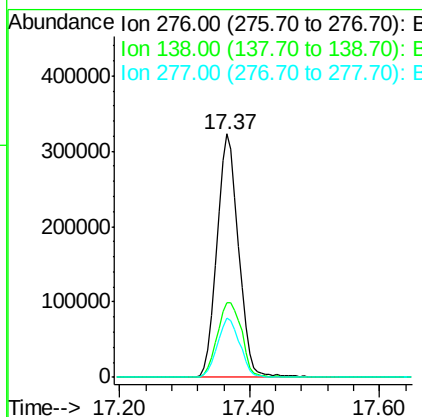
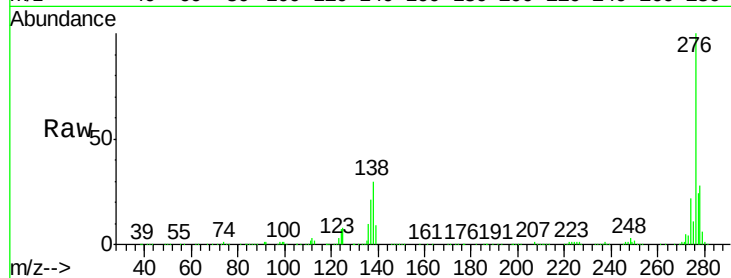
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.54 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.2	20.2	30.4

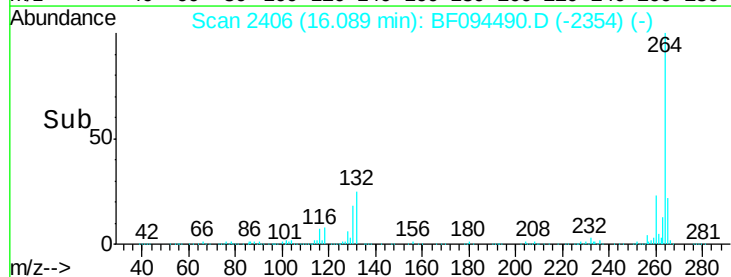
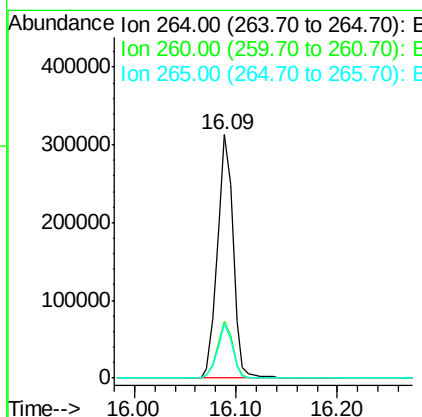
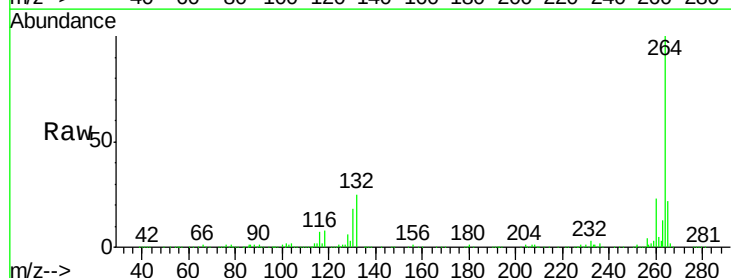
Manual Integrations
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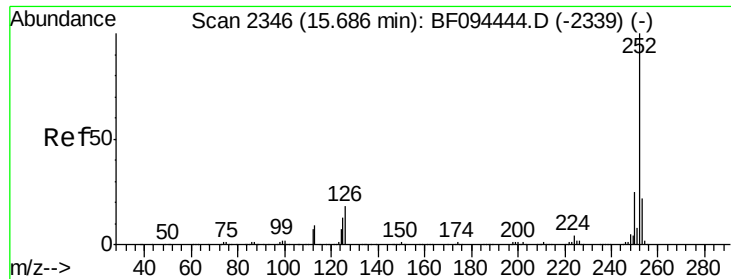
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.4	17.2	25.8





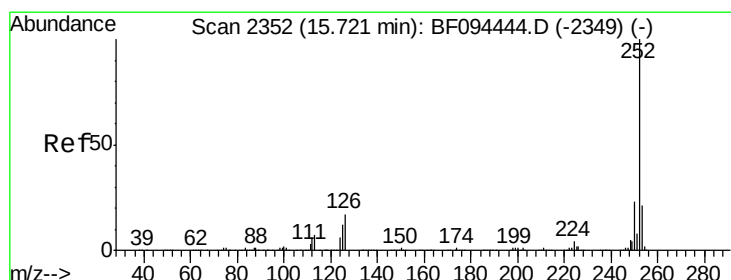
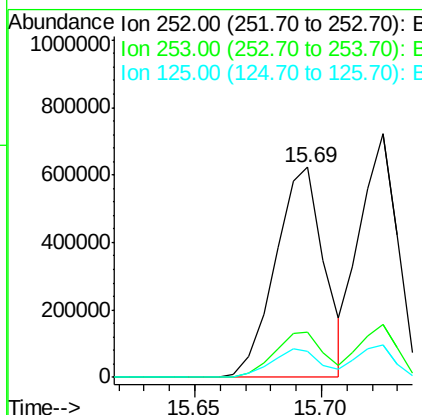
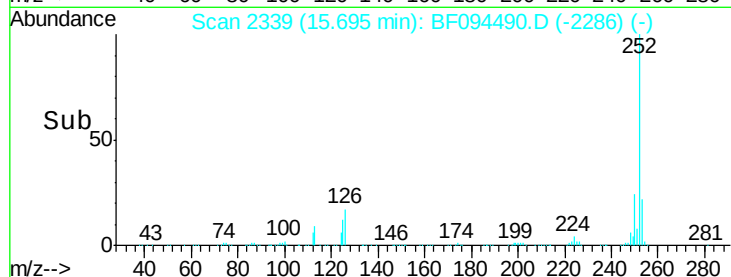
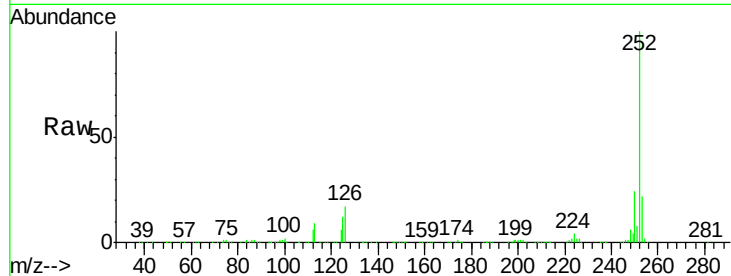
#87
Benzo(b)fluoranthene
Concen: 40.34 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.2	9.8	14.8

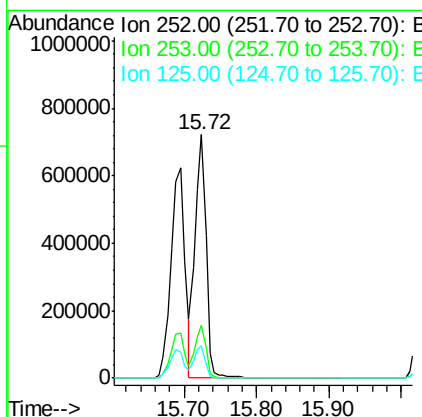
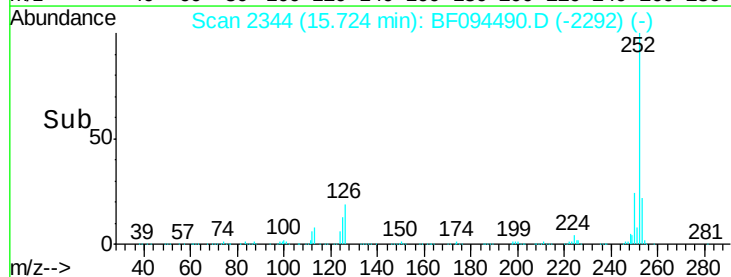
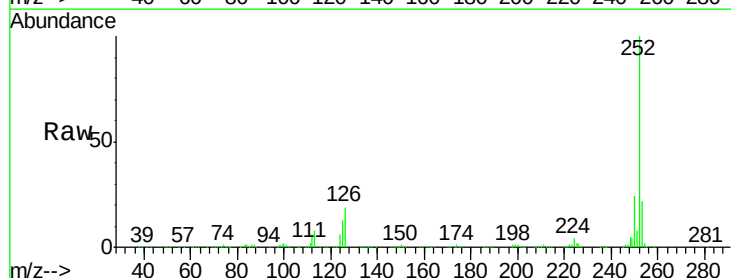
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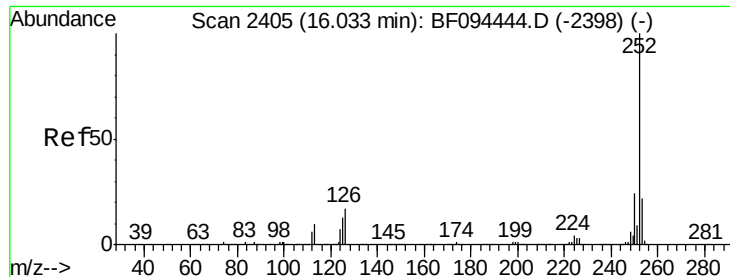
mohammad
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#88
Benzo(k)fluoranthene
Concen: 39.15 ng
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094490.D
Acq: 18 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.3	13.1	19.7





#89

Benzo(a)pyrene

Concen: 39.41 ng

RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Instrument :

BNA_F

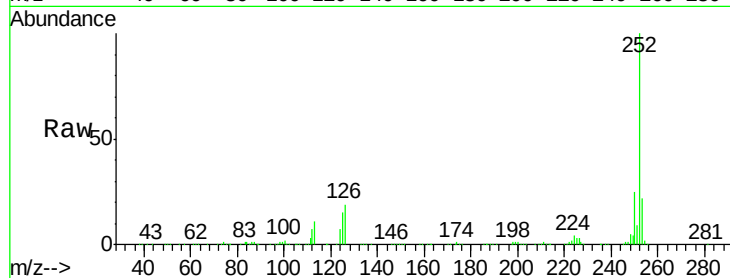
ClientSampleId :

SSTDCCC040

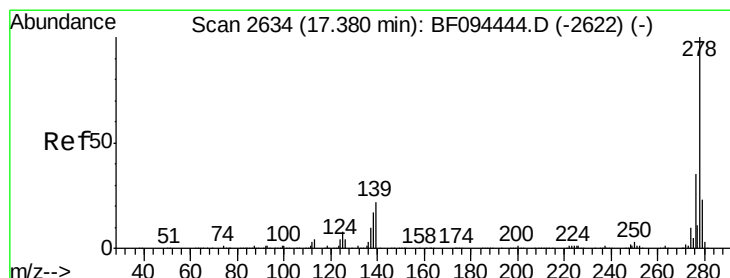
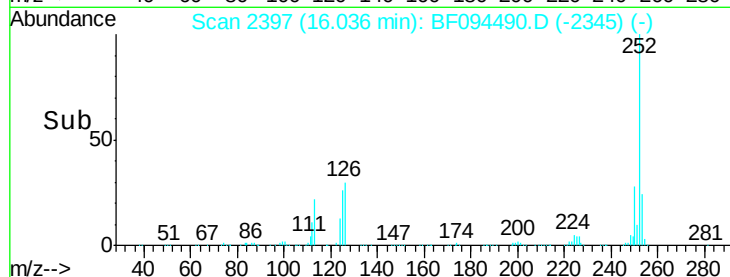
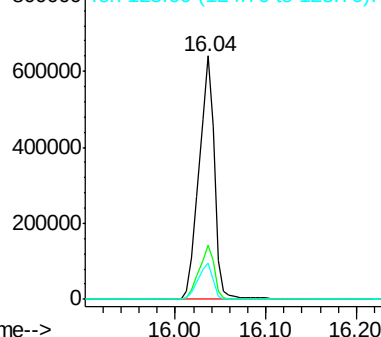
Tot Ion:	252	Resp:	759314
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	14.8	11.0	16.4

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.73 ng

RT: 17.38 min Scan# 2626

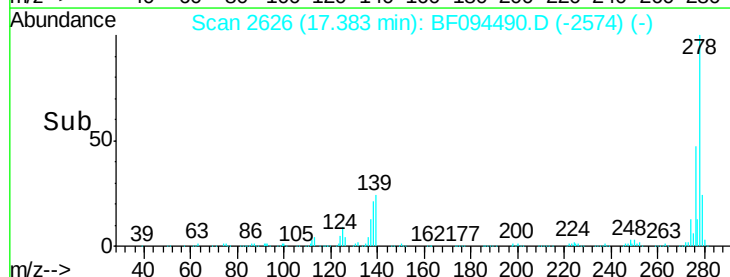
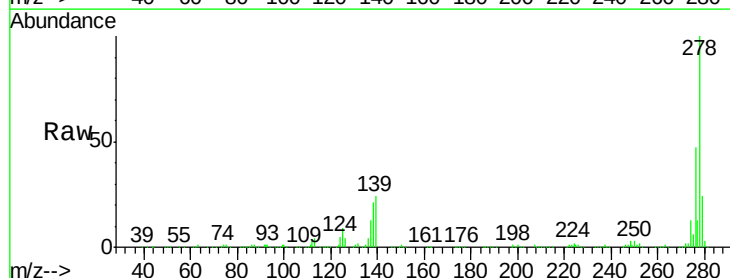
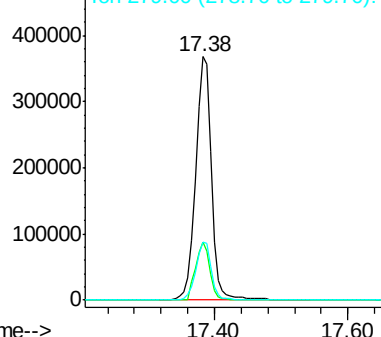
Delta R.T. 0.00 min

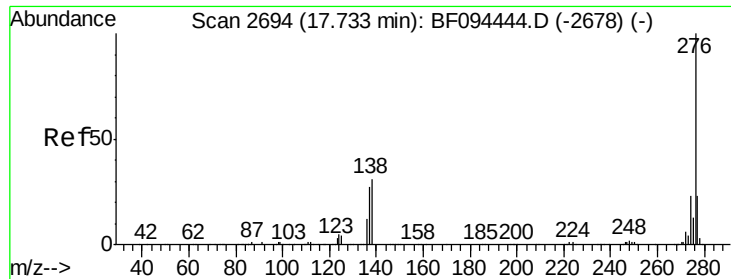
Lab File: BF094490.D

Acq: 18 Apr 2017 16:50

Tgt Ion:	278	Resp:	619642
Ion Ratio	Lower	Upper	
278	100		
139	23.8	16.6	24.8
279	23.9	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.88 ng
 RT: 17.74 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BF094490.D
 Acq: 18 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	29.6	25.4	38.0

Manual Integrations
 APPROVED

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 4/19/2017 1:33:21 PM

