

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094447.D
 Acq On : 17 Apr 2017 14:06
 Operator : SJ/MA
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 4/18/2017 3:07:54 PM

Quant Time: Apr 17 14:32:18 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 13:36:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	144050	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	583940	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	259999	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	459026	20.00	ng	0.00
75) Chrysene-d12	14.47	240	363751	20.00	ng	0.00
86) Perylene-d12	16.09	264	303217	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	1239842	145.37	ng	0.00
7) Phenol-d6	5.40	99	1479266	140.20	ng	0.01
23) Nitrobenzene-d5	6.43	82	1423585	139.13	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	302807	147.38	ng	0.01
44) 2-Fluorobiphenyl	8.60	172	2320386	136.12	ng	0.01
78) Terphenyl-d14	13.20	244	1929531	118.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	387245	94.51	ng	96
3) Pyridine	2.59	79	894497	80.10	ng	99
4) n-Nitrosodimethylamine	2.57	42	372097	80.98	ng	91
6) Aniline	5.40	93	999155	68.08	ng	# 80
8) 2-Chlorophenol	5.54	128	708355	75.56	ng	99
9) Benzaldehyde	5.26	77	556046	78.05	ng	99
10) Phenol	5.42	94	928198	77.31	ng	89
11) bis(2-Chloroethyl)ether	5.49	93	696832	74.27	ng	97
12) 1,3-Dichlorobenzene	5.70	146	799698	76.05	ng	99
13) 1,4-Dichlorobenzene	5.79	146	805312	75.61	ng	96
14) 1,2-Dichlorobenzene	5.96	146	690361	70.39	ng	97
15) Benzyl Alcohol	5.95	79	535871	69.39	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.10	45	868189	60.05	ng	54
17) 2-Methylphenol	6.10	107	573493	71.43	ng	# 89
18) Hexachloroethane	6.35	117	283834	75.82	ng	# 86
19) n-Nitroso-di-n-propylamine	6.27	70	501150	73.90	ng	97
20) 3+4-Methylphenols	6.28	107	757674	77.92	ng	# 63
22) Acetophenone	6.25	105	1061139	81.53	ng	# 86
24) Nitrobenzene	6.45	77	736733	73.00	ng	92
25) Isophorone	6.74	82	1361862	75.74	ng	96
26) 2-Nitrophenol	6.82	139	420399	87.35	ng	96
27) 2,4-Dimethylphenol	6.90	122	646857	78.01	ng	99
28) bis(2-Chloroethoxy)methane	7.00	93	850720	71.75	ng	99
29) 2,4-Dichlorophenol	7.12	162	590997	76.23	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	609492	76.32	ng	98
31) Naphthalene	7.30	128	1986551	70.75	ng	99
32) Benzoic acid	7.11	122	390190	70.68	ng	95
33) 4-Chloroaniline	7.37	127	842922	74.07	ng	97
34) Hexachlorobutadiene	7.45	225	299485	73.13	ng	98
35) Caprolactam	7.86	113	207158m	83.78	ng	
36) 4-Chloro-3-methylphenol	8.00	107	637574	78.70	ng	89
37) 2-Methylnaphthalene	8.14	142	1357593	72.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	525850	73.93	ng	100
40) Hexachlorocyclopentadiene	8.33	237	252889	75.98	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	394740	78.44	nq	98
43) 2,4,5-Trichlorophenol	8.56	196	397416	72.99	nq	93
45) 1,1'-Biphenyl	8.72	154	1451178	69.20	nq	97
46) 2-Chloronaphthalene	8.73	162	1182675	72.04	nq	95
47) 2-Nitroaniline	8.87	65	381240	78.29	nq	# 83
48) Acenaphthylene	9.24	152	1857795	68.09	nq	100
49) Dimethylphthalate	9.12	163	1454106	78.68	nq	99
50) 2,6-Dinitrotoluene	9.17	165	334234	78.89	nq	# 85
51) Acenaphthene	9.45	154	1120365	70.38	nq	99
52) 3-Nitroaniline	9.38	138	382147	76.81	nq	92
53) 2,4-Dinitrophenol	9.51	184	191553	94.87	nq	# 71
54) Dibenzofuran	9.66	168	1591142	73.42	nq	99
55) 4-Nitrophenol	9.64	139	330394m	84.80	nq	
56) 2,4-Dinitrotoluene	9.67	165	398667	74.91	nq	93
57) Fluorene	10.08	166	1170018	65.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	297191	79.55	nq	97
59) Diethylphthalate	9.97	149	1347400	73.76	nq	100
60) 4-Chlorophenyl-phenylether	10.09	204	492346	64.31	nq	96
61) 4-Nitroaniline	10.15	138	391213	81.95	nq	96
62) Azobenzene	10.29	77	1283014	74.25	nq	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	245861	87.46	nq	# 70
65) n-Nitrosodiphenylamine	10.25	169	1141859	71.93	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	334177	74.02	nq	96
67) Hexachlorobenzene	10.76	284	341406	74.70	nq	# 87
68) Atrazine	10.92	200	352181	74.07	nq	95
69) Pentachlorophenol	11.01	266	161832	56.89	nq	100
70) Phenanthrene	11.26	178	1820165	71.28	nq	99
71) Anthracene	11.32	178	1879246	71.48	nq	99
72) Carbazole	11.53	167	1787893	66.32	nq	98
73) Di-n-butylphthalate	11.97	149	1992198	71.06	nq	100
74) Fluoranthene	12.72	202	1892746	72.39	nq	99
76) Benzidine	12.89	184	1095601	76.10	nq	97
77) Pyrene	12.99	202	1923630	72.87	nq	100
79) Butylbenzylphthalate	13.81	149	886585	78.82	nq	# 83
80) Benzo(a)anthracene	14.46	228	1545475	72.86	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	521653	68.80	nq	# 96
82) Chrysene	14.51	228	1395879	70.91	nq	99
83) Bis(2-ethylhexyl)phthalate	14.53	149	1115471	72.69	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1932925	75.40	nq	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	1324002	77.66	nq	99
87) Benzo(b)fluoranthene	15.70	252	1423243	76.58	nq	99
88) Benzo(k)fluoranthene	15.73	252	1266628	69.65	nq	97
89) Benzo(a)pyrene	16.04	252	1281990	74.90	nq	98
90) Dibenzo(a,h)anthracene	17.39	278	1061801	73.25	nq	98
91) Benzo(g,h,i)perylene	17.75	276	1117016	76.47	nq	98

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

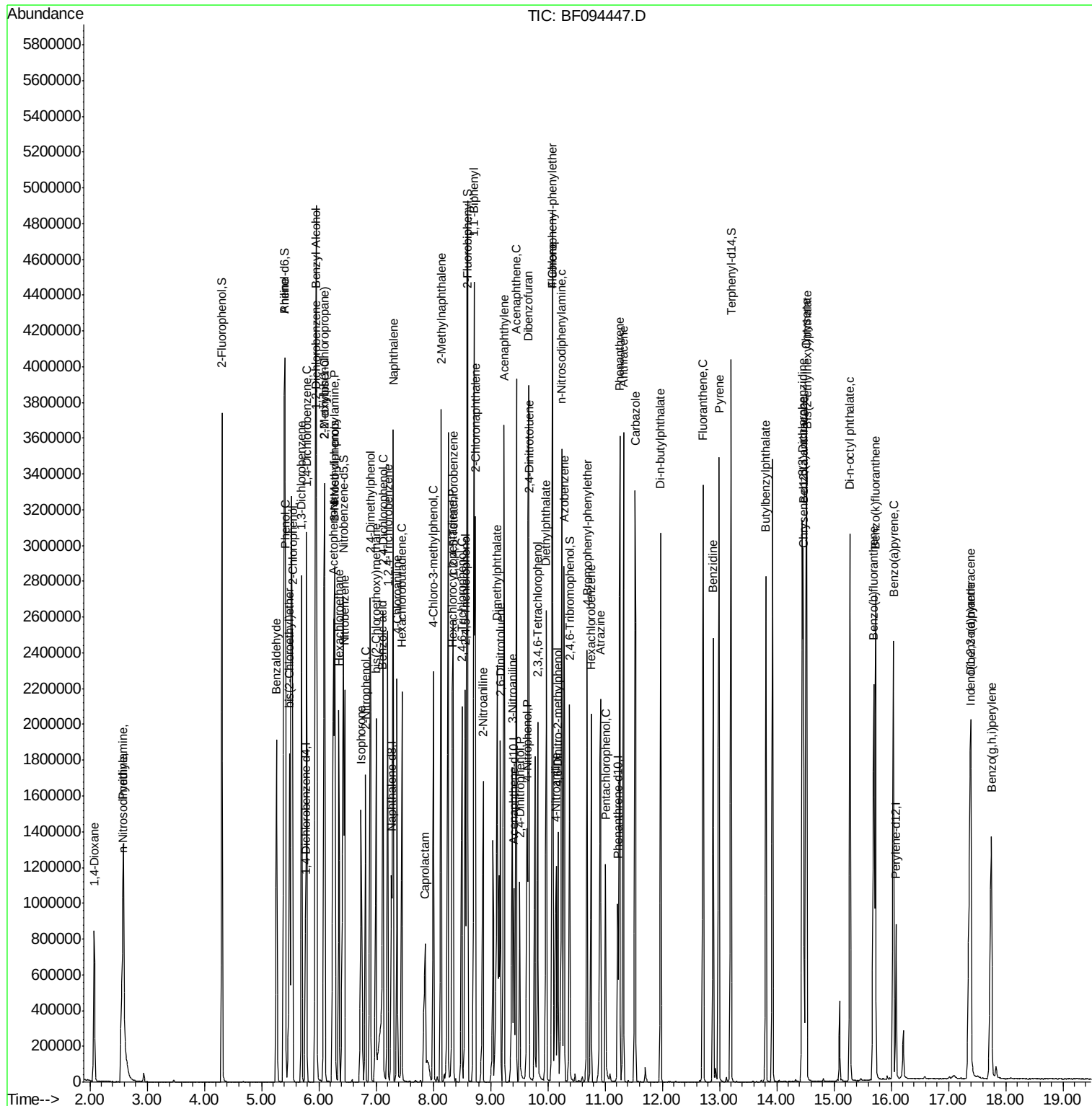
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\  
Data File : BF094447.D  
Acq On    : 17 Apr 2017  14:06  
Operator  : SJ/MA  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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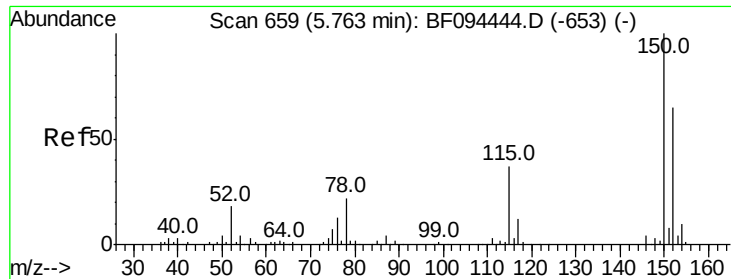
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

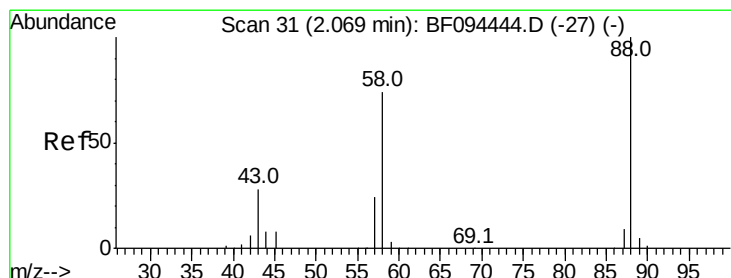
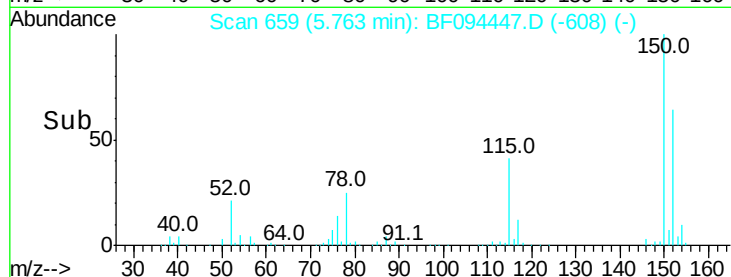
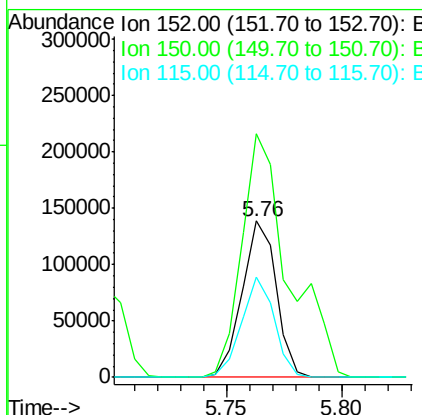
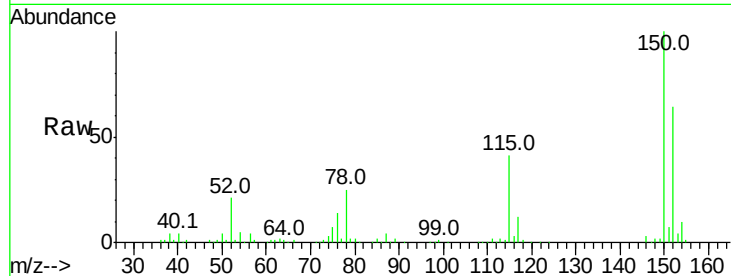
ClientSampleId :

SSTDIC080

Tot Ion:	152	Resp:	144050
Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	64.0	52.2	78.2

Manual Integrations
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#2

1,4-Dioxane

Concen: 94.51 ng

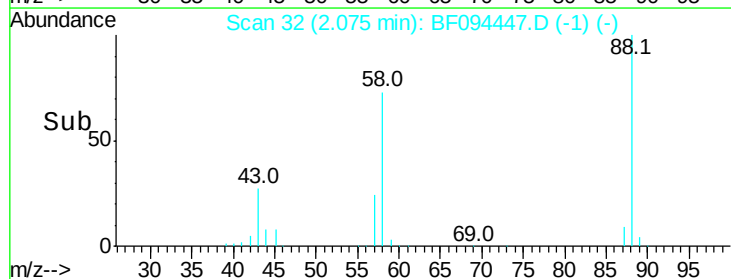
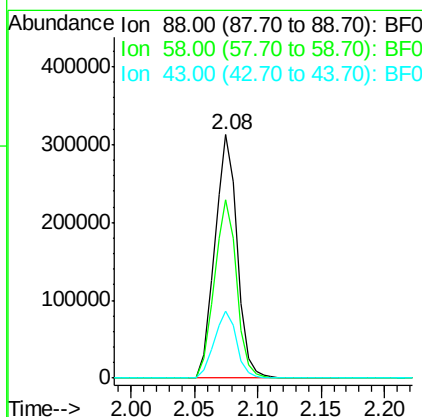
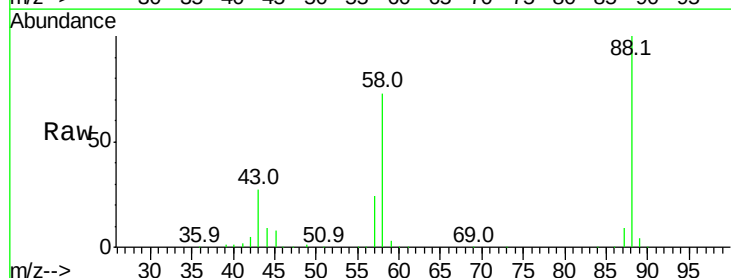
RT: 2.08 min Scan# 32

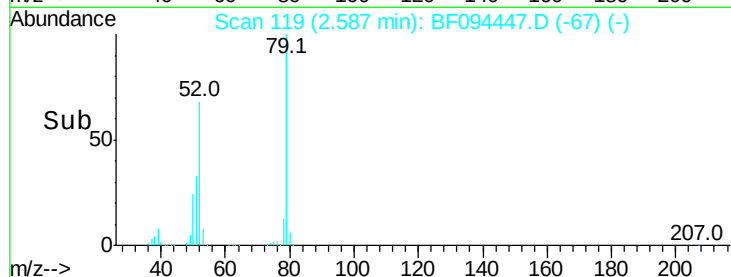
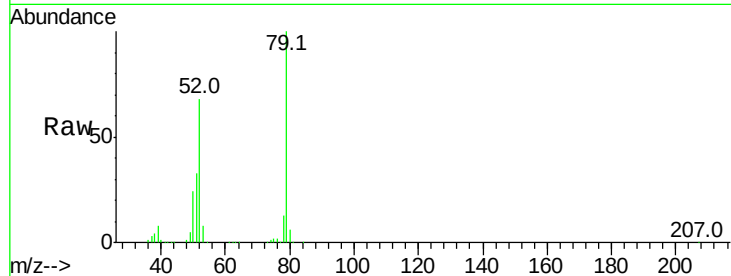
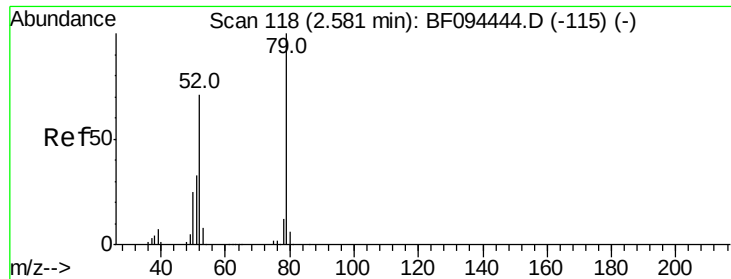
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:	88	Resp:	387245
Ion	Ratio	Lower	Upper
88	100		
58	73.0	61.4	92.0
43	27.7	23.4	35.0





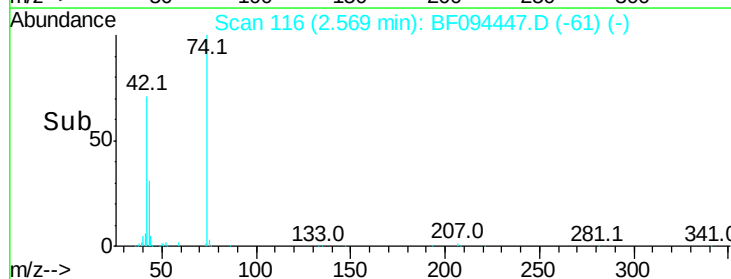
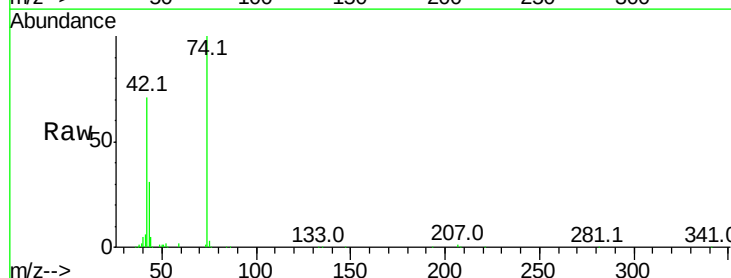
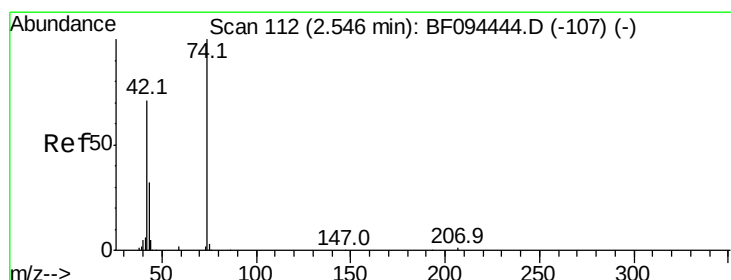
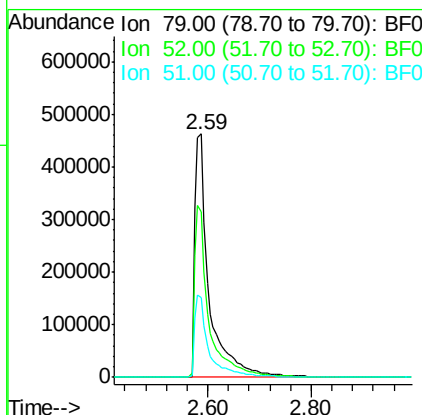
#3
 Pvridine
 Concen: 80.10 ng
 RT: 2.59 min Scan# 119
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.0	54.8	82.2
51	32.7	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

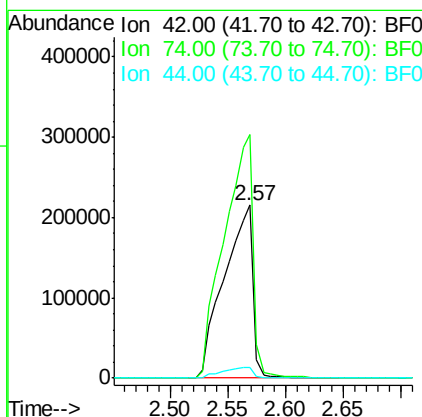
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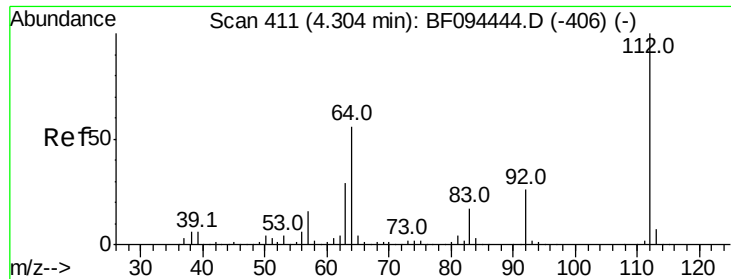
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#4
 n-Nitrosodimethylamine
 Concen: 80.98 ng
 RT: 2.57 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.0	103.9	155.9
44	6.4	5.7	8.5





#5

2-Fluorophenol

Concen: 145.37 ng

RT: 4.31 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

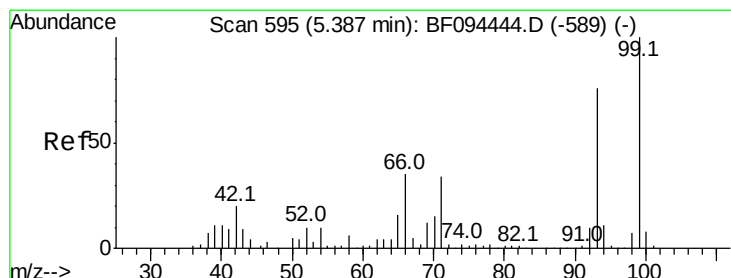
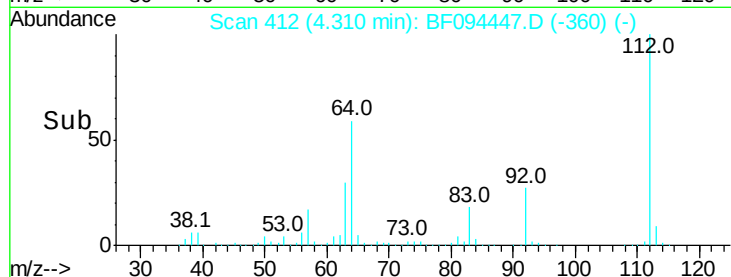
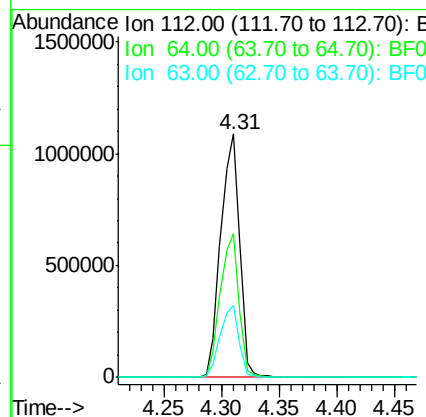
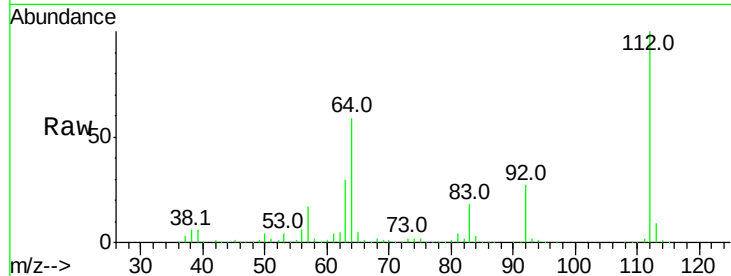
ClientSampleId :

SSTDICC080

Tot Ion:	112	Resp:	1239842
Ion Ratio	Lower	Upper	
112	100		
64	58.9	46.0	69.0
63	29.6	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 68.08 ng

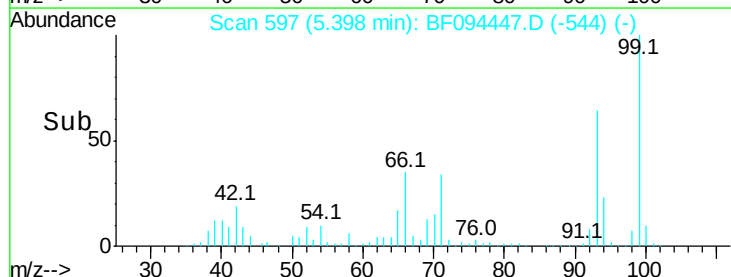
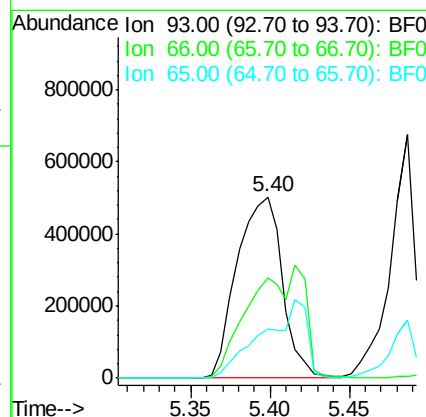
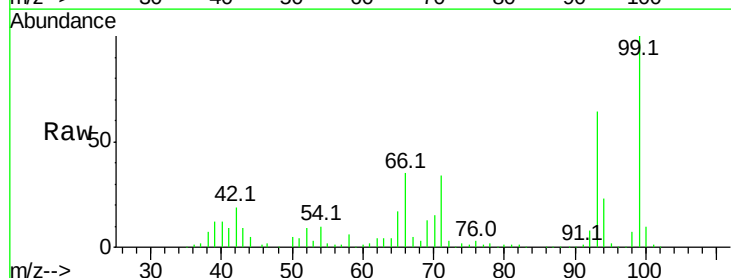
RT: 5.40 min Scan# 597

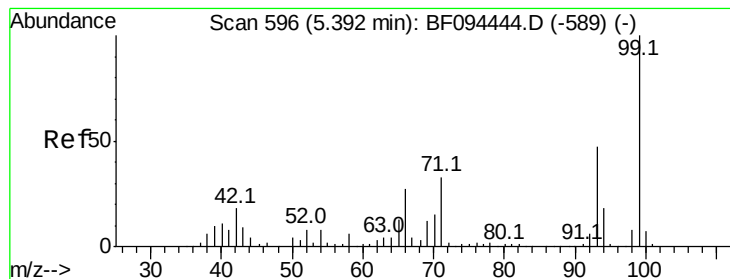
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:	93	Resp:	999155
Ion Ratio	Lower	Upper	
93	100		
66	55.4	32.9	49.3#
65	27.2	16.0	24.0#





#7

Phenol-d6

Concen: 140.20 ng

RT: 5.40 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 1479266

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

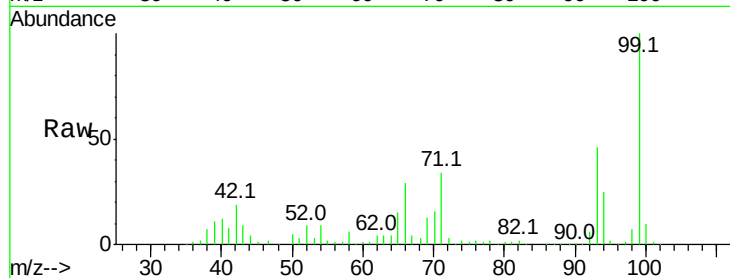
71 34.3 24.5 36.7

Manual Integrations

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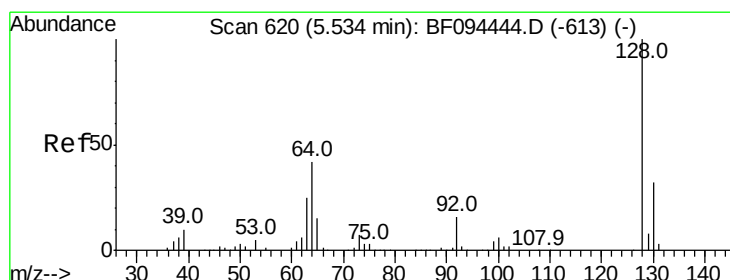
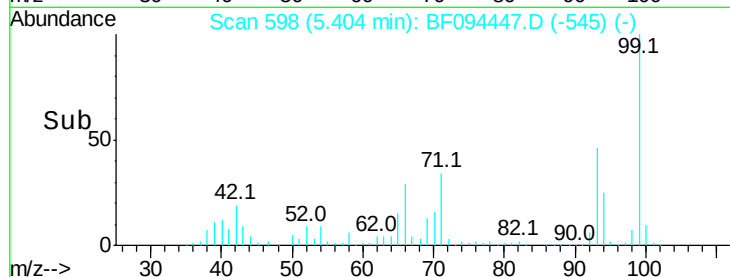
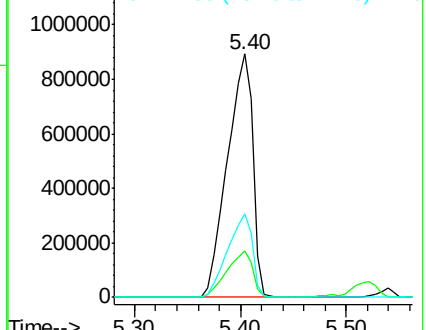
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 75.56 ng

RT: 5.54 min Scan# 621

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

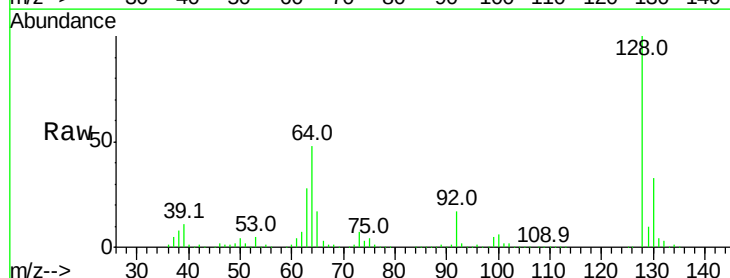
Tgt Ion:128 Resp: 708355

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

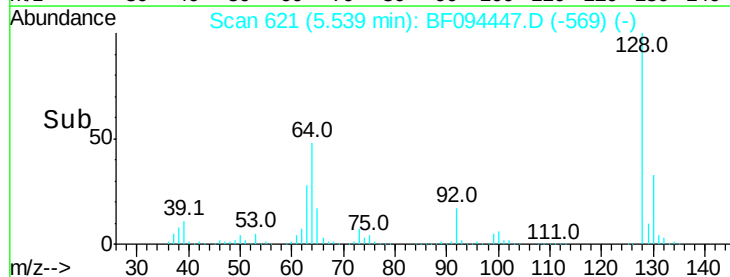
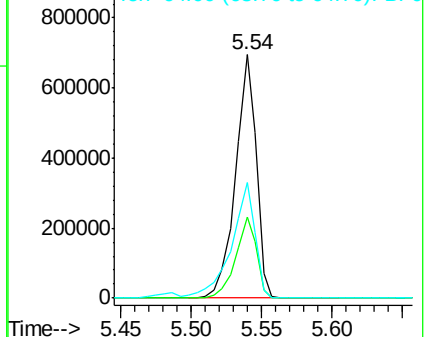
64 47.6 28.4 68.4

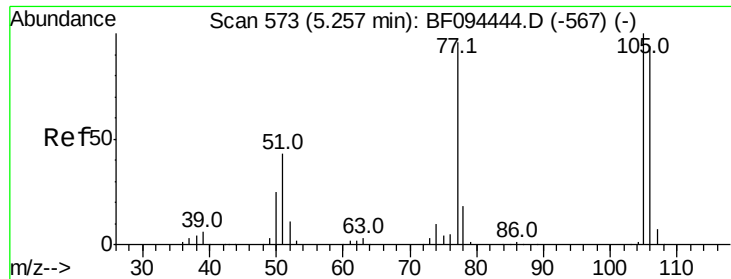


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 78.05 ng

RT: 5.26 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 556046

Ion Ratio Lower Upper

77 100

105 103.1 83.8 123.8

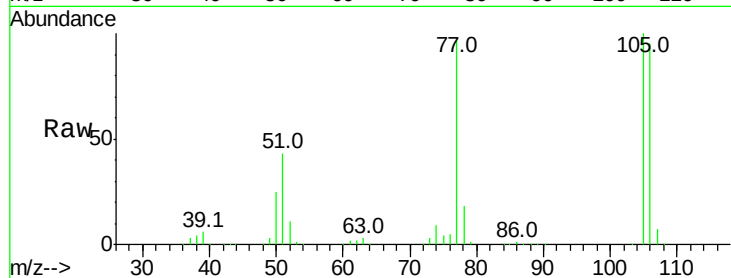
106 97.7 79.1 119.1

Manual Integrations

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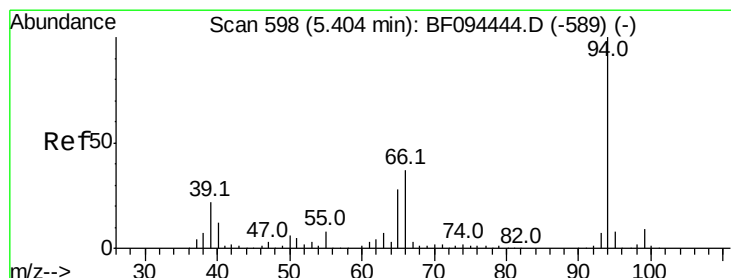
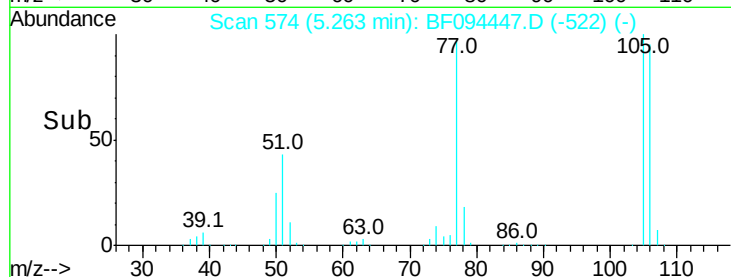
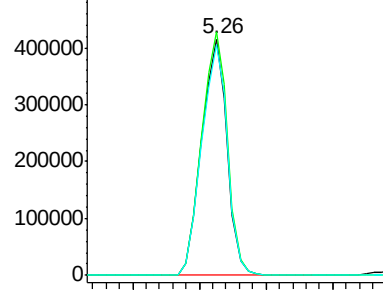
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 77.31 ng

RT: 5.42 min Scan# 601

Delta R.T. 0.02 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

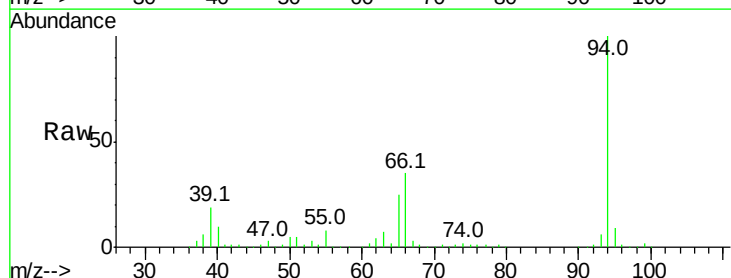
Tgt Ion: 94 Resp: 928198

Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

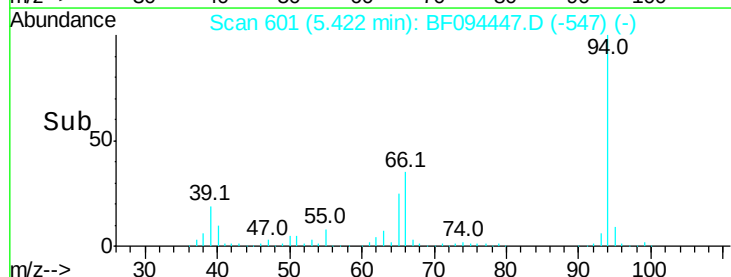
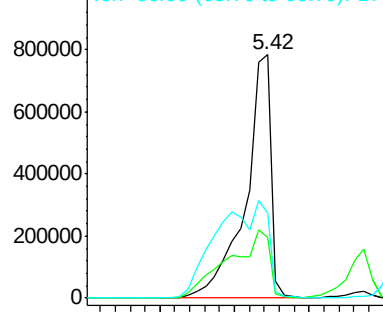
66 35.0 23.1 63.1

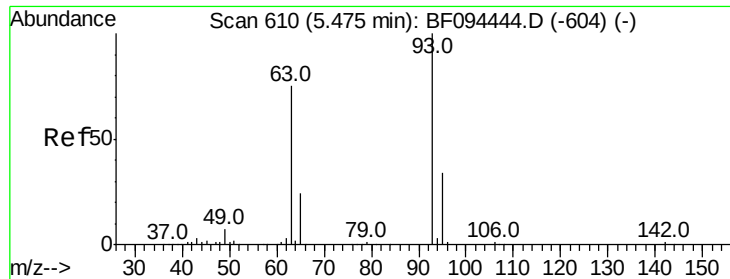


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





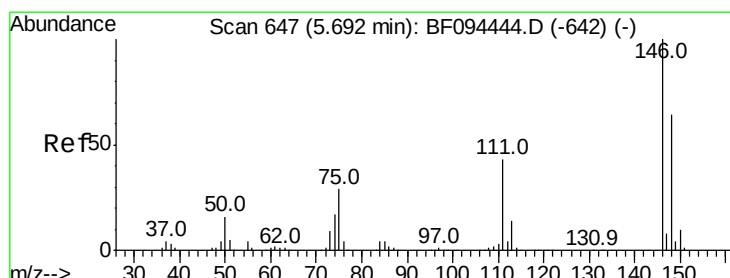
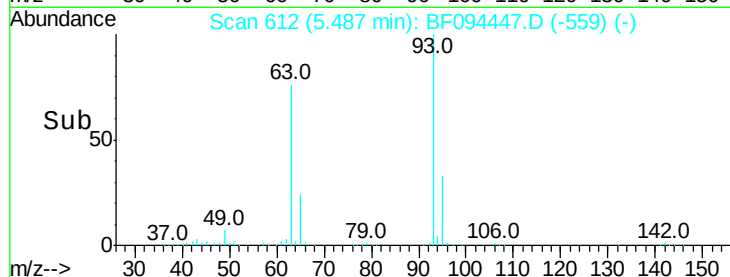
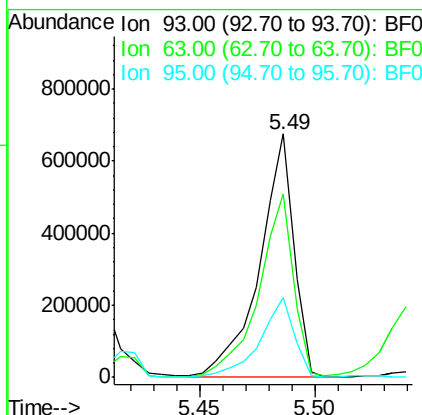
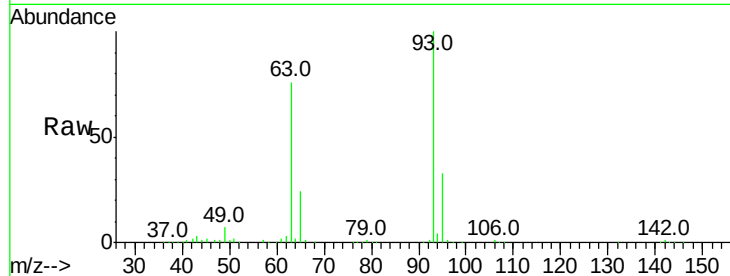
#11
bis(2-Chloroethyl)ether
Concen: 74.27 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	59.2	99.2
95	32.9	12.8	52.8

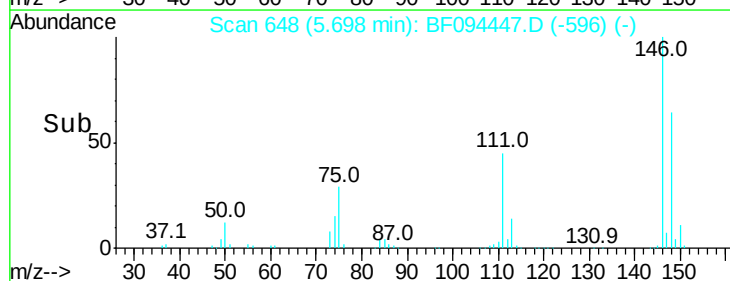
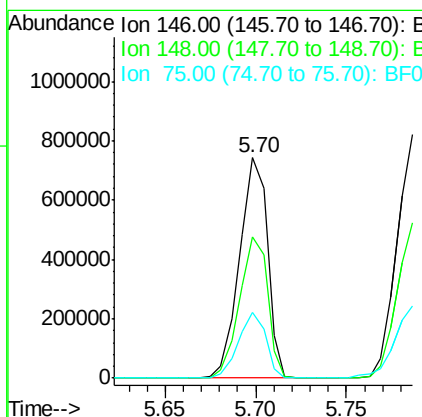
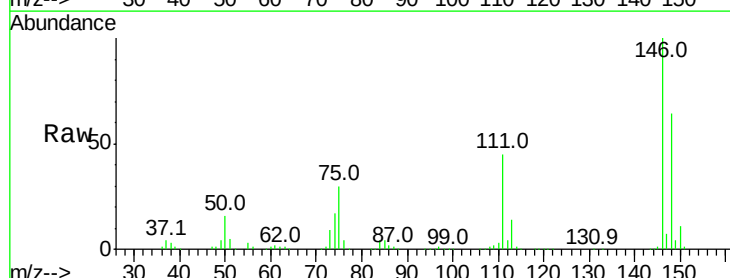
Manual Integrations
APPROVED

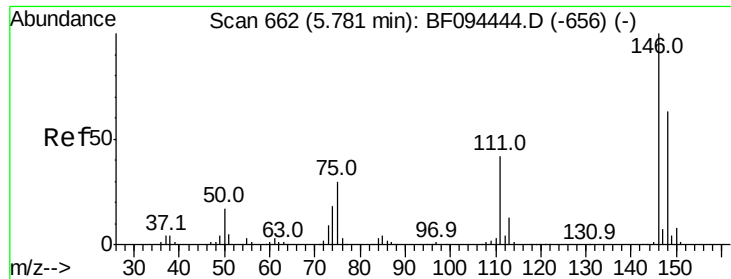
mohammad
4/18/2017 3:07:54 PM



#12
1,3-Dichlorobenzene
Concen: 76.05 ng
RT: 5.70 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	29.7	23.1	34.7





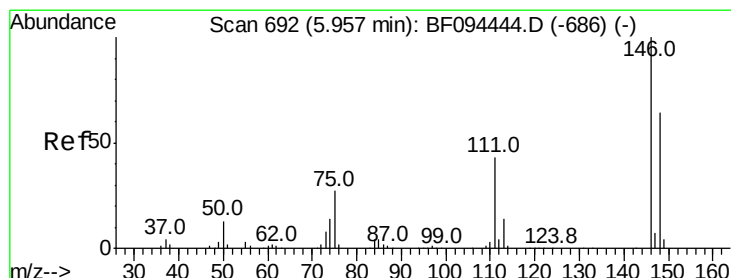
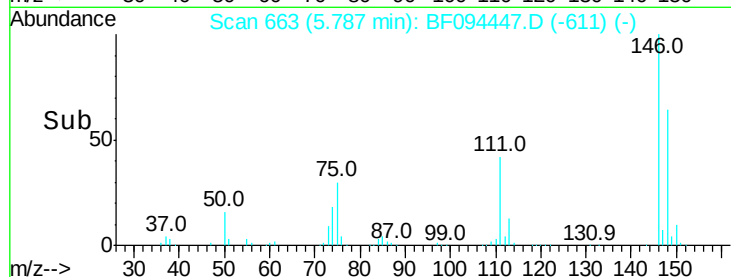
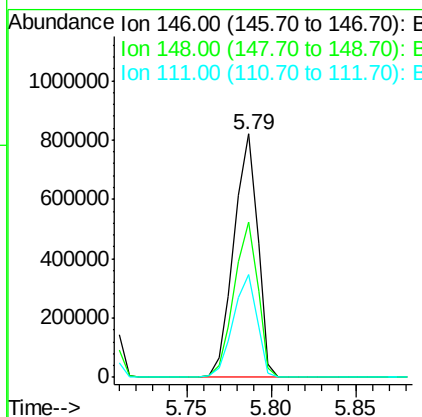
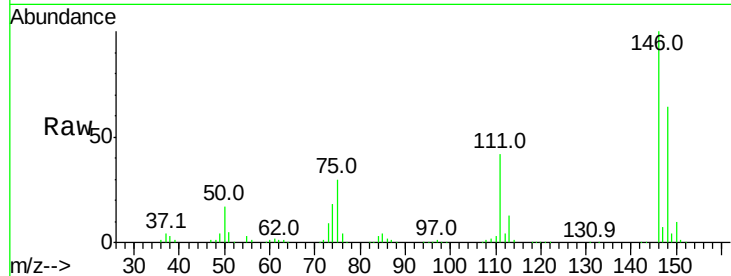
#13
 1,4-Dichlorobenzene
 Concen: 75.61 ng
 RT: 5.79 min Scan# 663
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	42.2	30.3	45.5

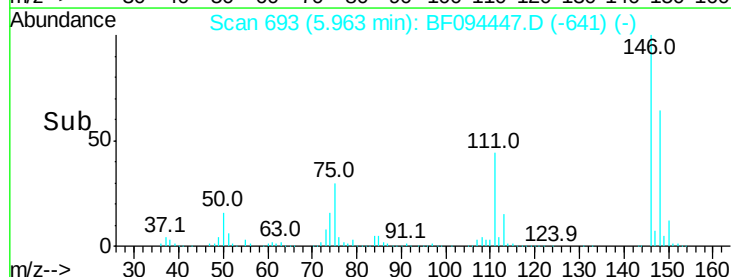
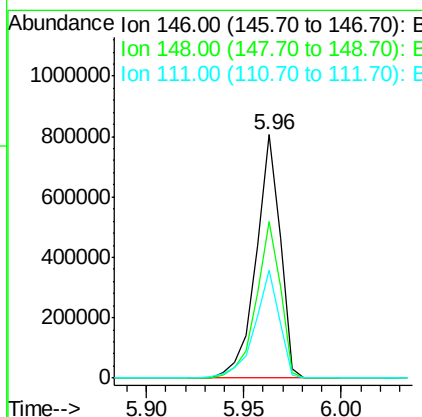
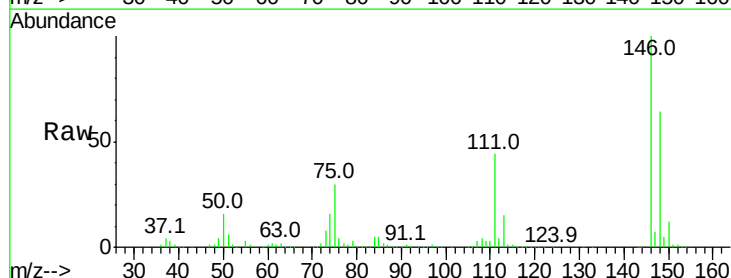
Manual Integrations
 APPROVED

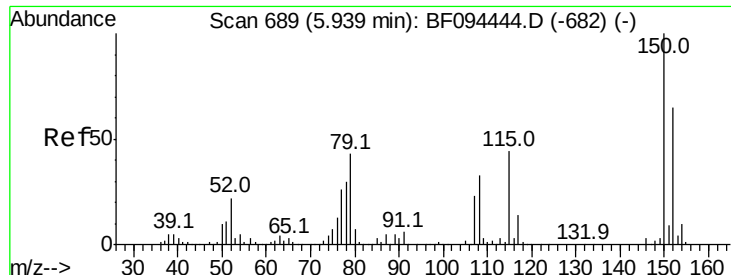
mohammad
 4/18/2017 3:07:54 PM



#14
 1,2-Dichlorobenzene
 Concen: 70.39 ng
 RT: 5.96 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	44.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 69.39 ng

RT: 5.95 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 535871

Ion Ratio Lower Upper

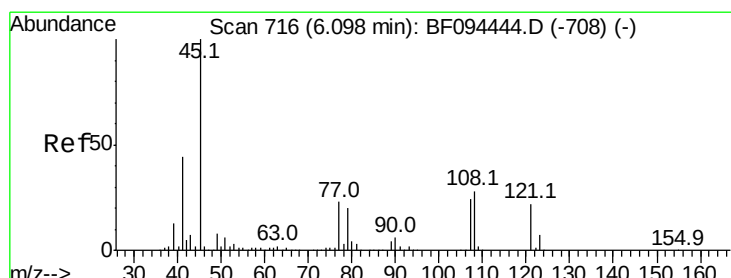
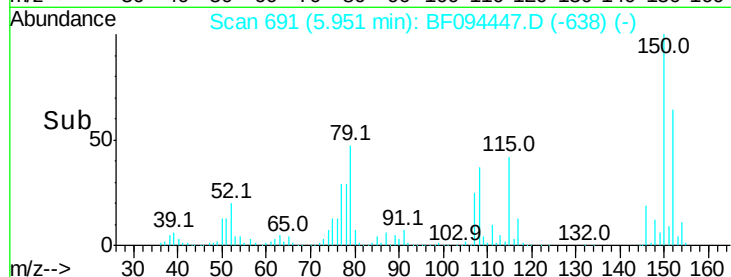
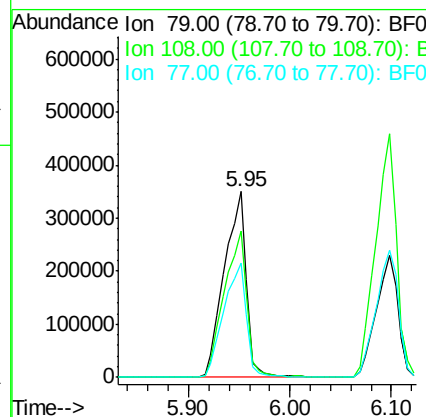
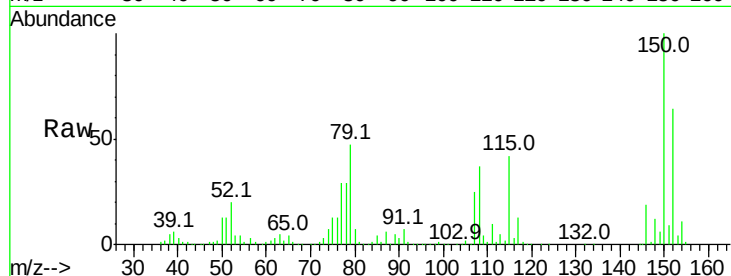
79 100

108 78.9 63.4 95.0

77 62.0 49.2 73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 60.05 ng

RT: 6.10 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

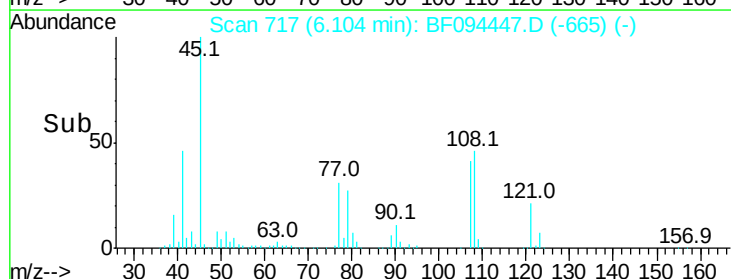
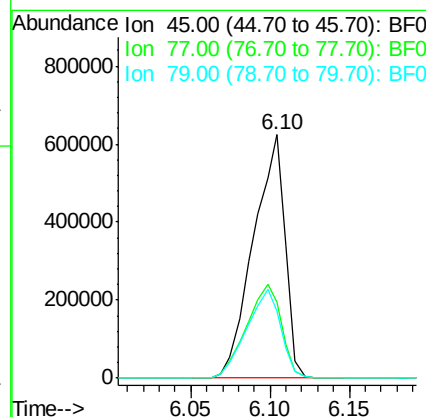
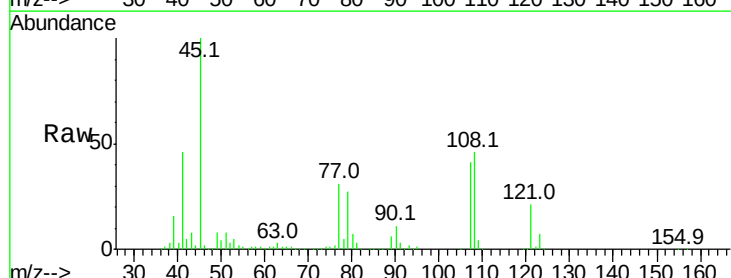
Tgt Ion: 45 Resp: 868189

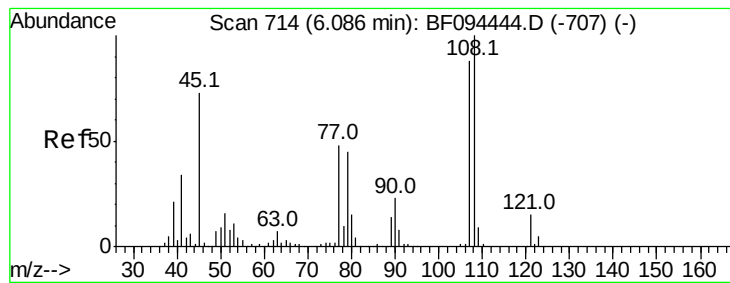
Ion Ratio Lower Upper

45 100

77 31.0 0.0 33.2

79 27.4 0.0 30.0





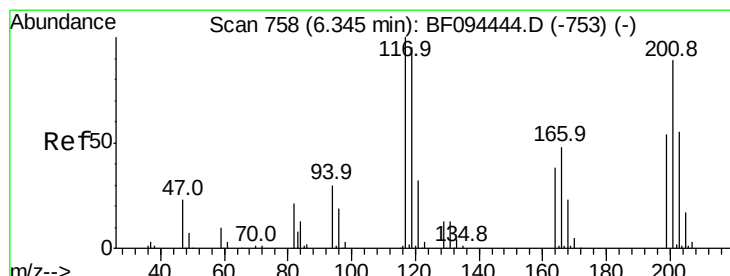
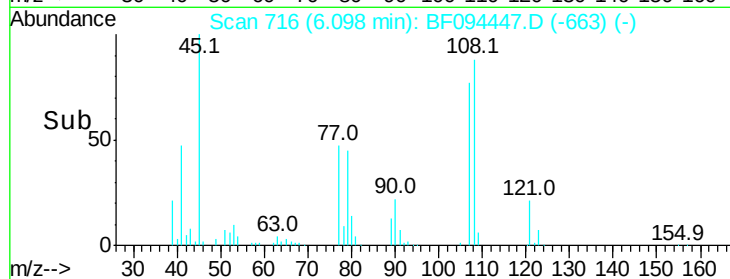
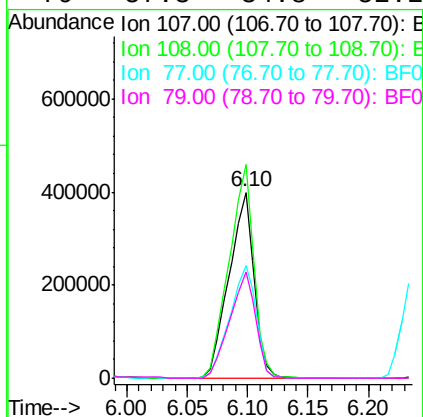
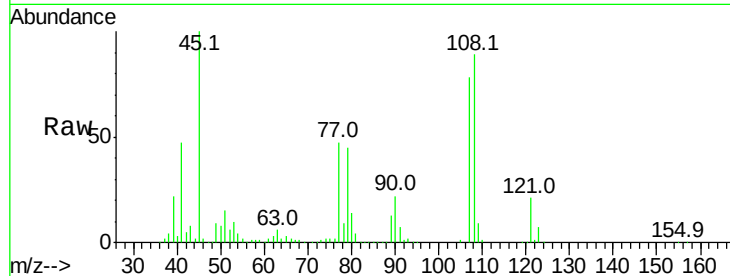
#17
2-Methylphenol
Concen: 71.43 ng
RT: 6.10 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.4	140.0
77	60.3	35.8	53.6#
79	57.3	34.8	52.2#

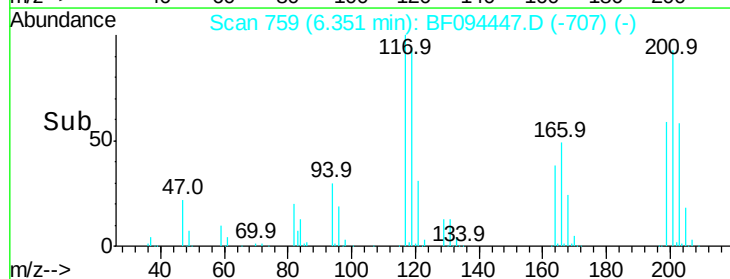
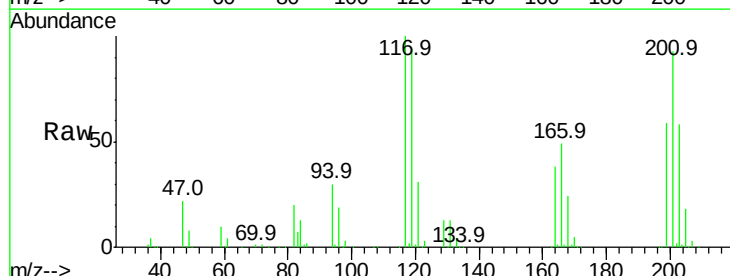
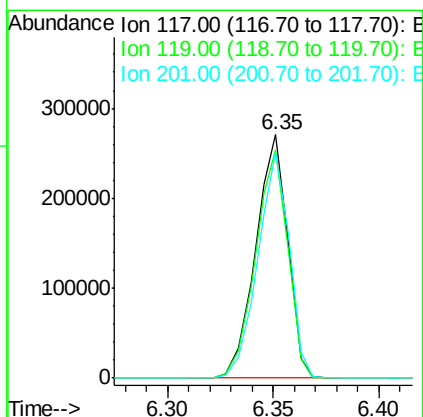
Manual Integrations
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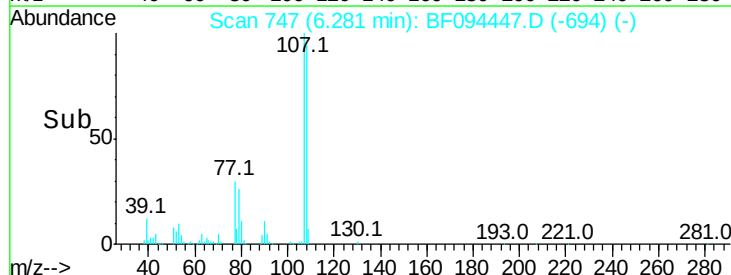
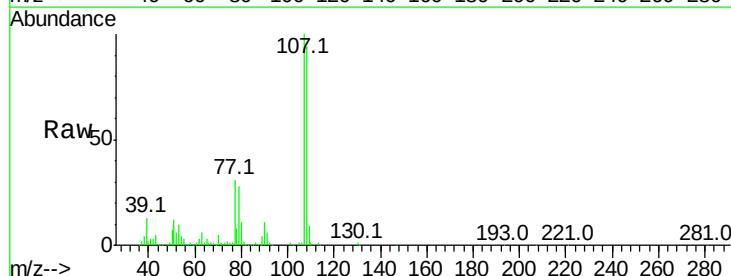
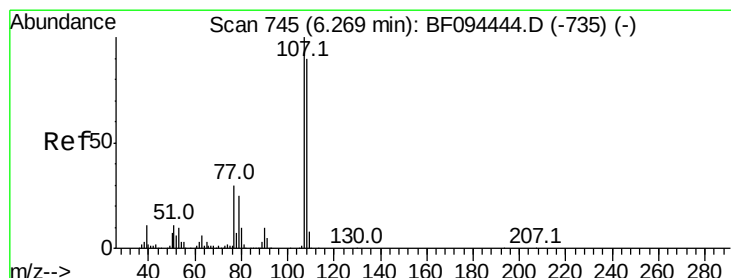
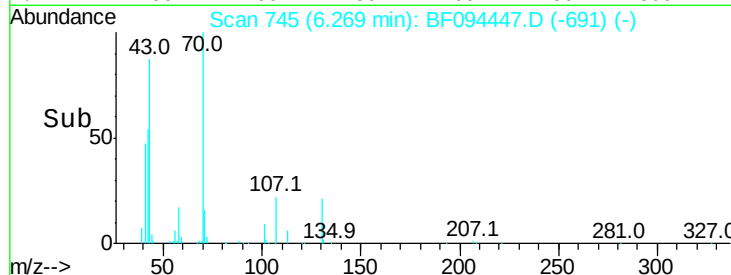
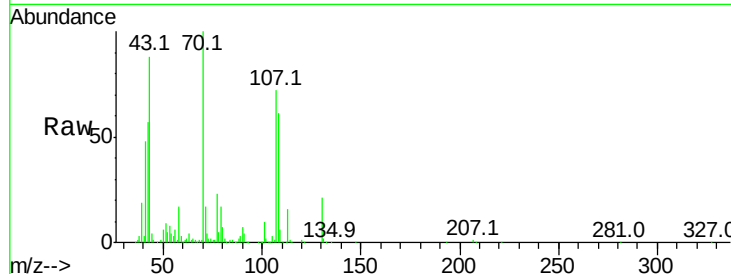
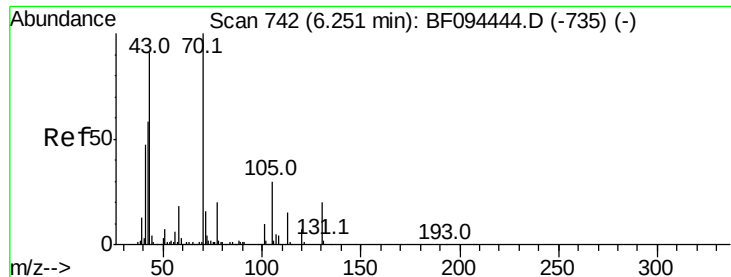
mohammad
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#18
Hexachloroethane
Concen: 75.82 ng
RT: 6.35 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

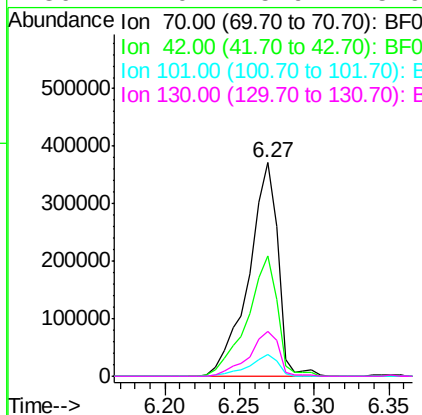
Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.0
201	92.6	94.6	141.8#





#19
n-Nitroso-di-n-propylamine
Concen: 73.90 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	47.2	70.8	
101	10.1	7.2	10.8	
130	21.0	15.9	23.9	



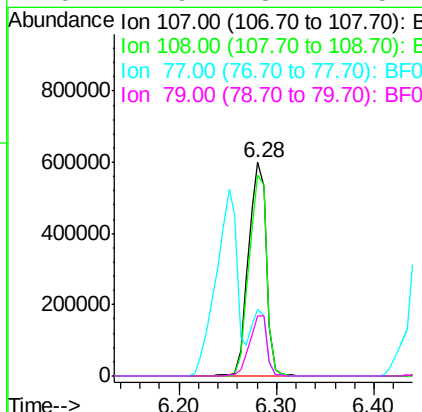
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

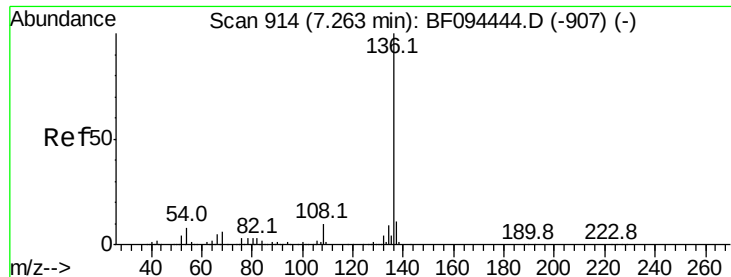
Manual Integrations
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#20
3+4-Methylphenols
Concen: 77.92 ng
RT: 6.28 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.3	71.0	111.0	
77	31.4	90.5	130.5#	
79	27.9	8.4	48.4	





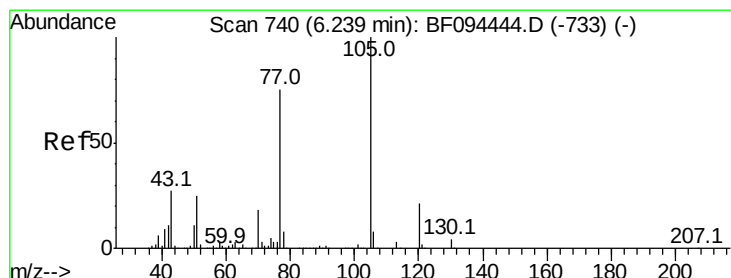
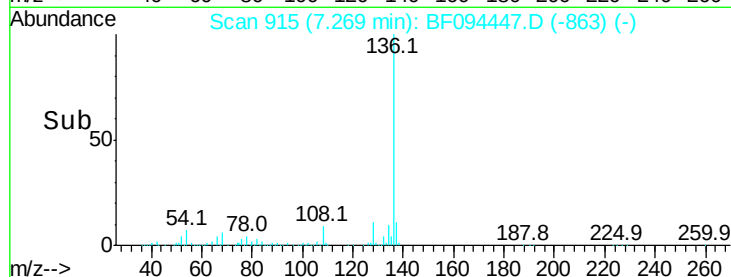
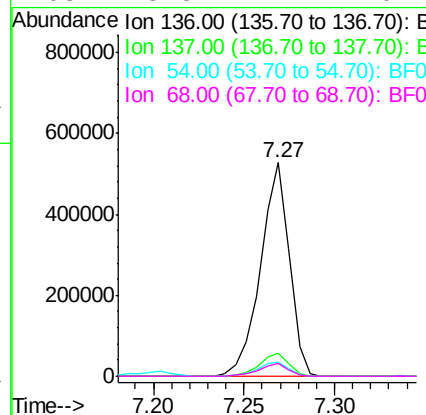
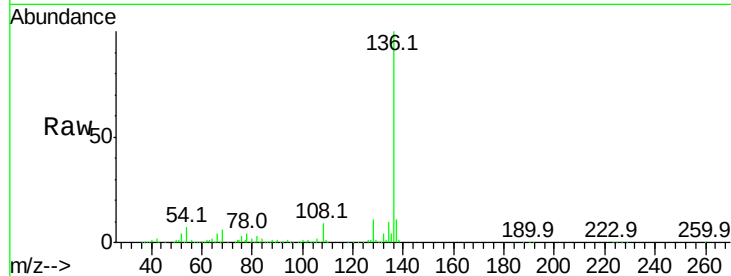
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	6.8	4.9	7.3	
68	5.8	4.1	6.1	

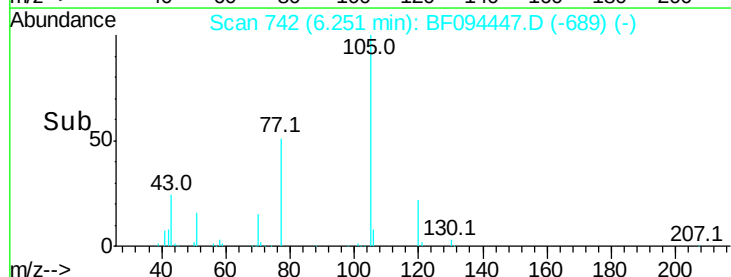
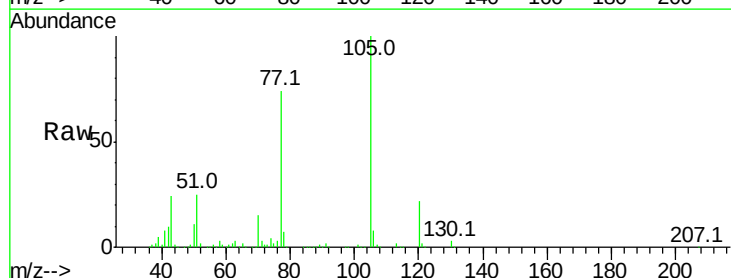
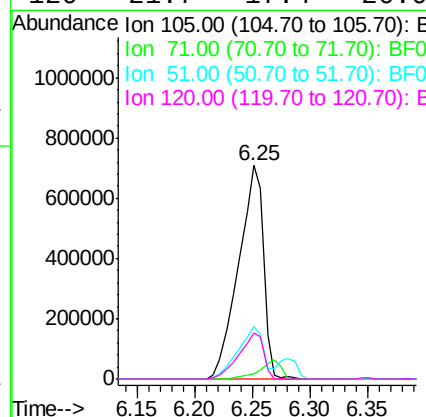
Manual Integrations
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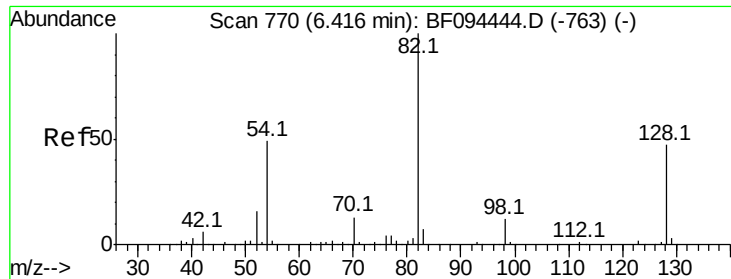
mohammad
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#22
Acetophenone
Concen: 81.53 ng
RT: 6.25 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.5	2.8	4.2#	
51	24.9	30.7	46.1#	
120	21.7	17.4	26.0	





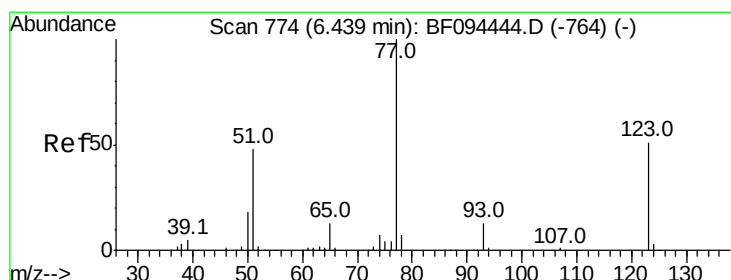
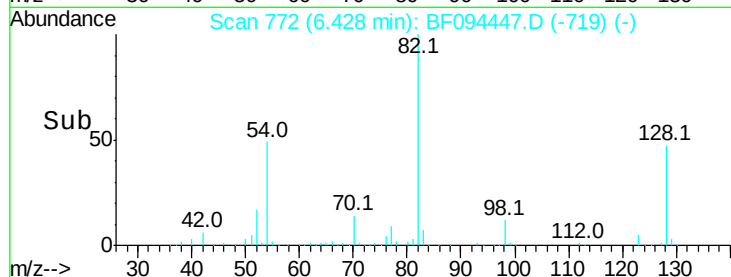
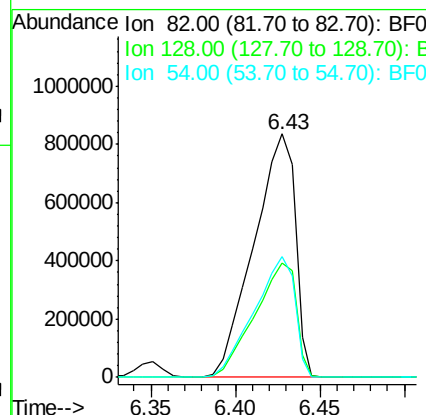
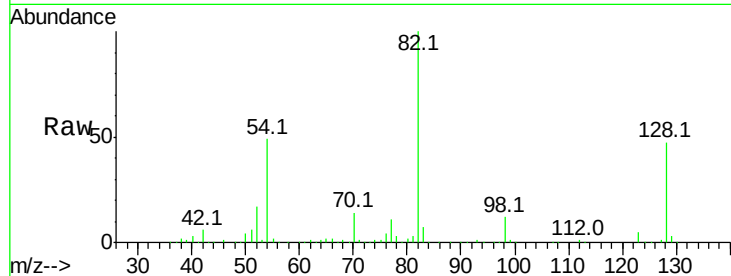
#23
 Nitrobenzene-d5
 Concen: 139.13 ng
 RT: 6.43 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	49.5	42.2	63.2

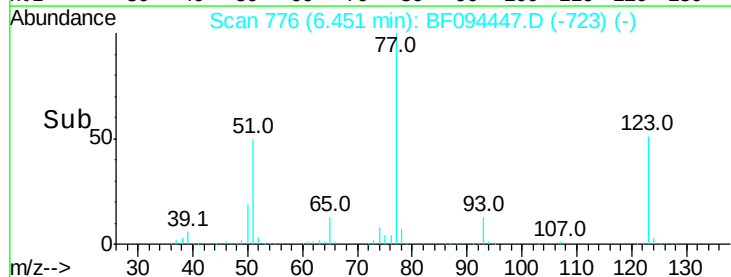
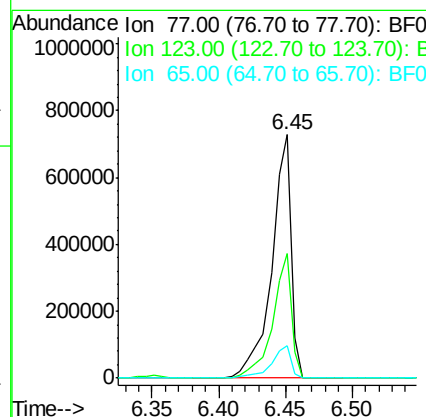
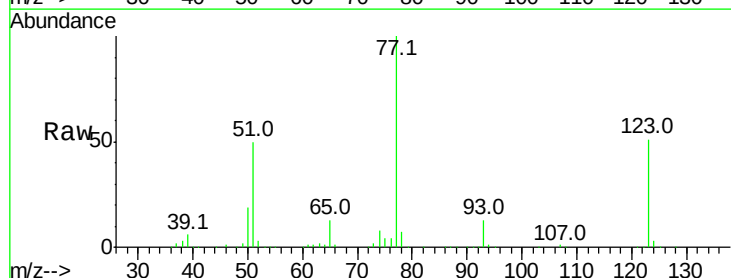
Manual Integrations
 APPROVED

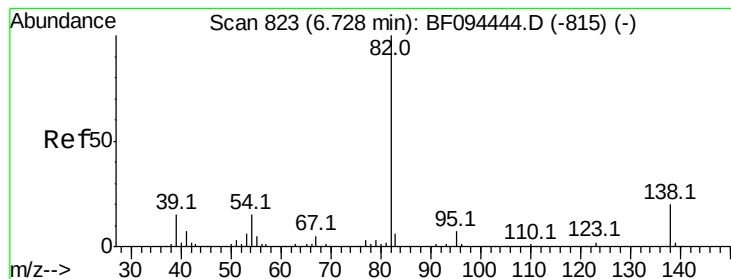
mohammad
 4/18/2017 3:07:54 PM



#24
 Nitrobenzene
 Concen: 73.00 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 75.74 ng

RT: 6.74 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1361862

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

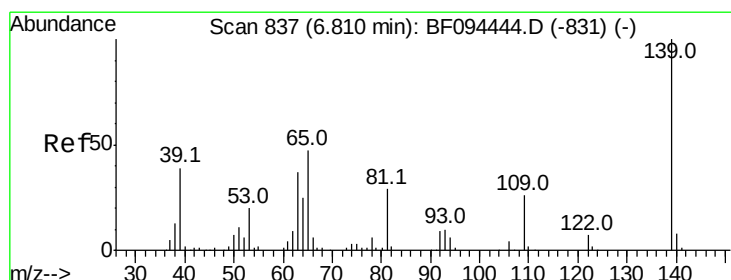
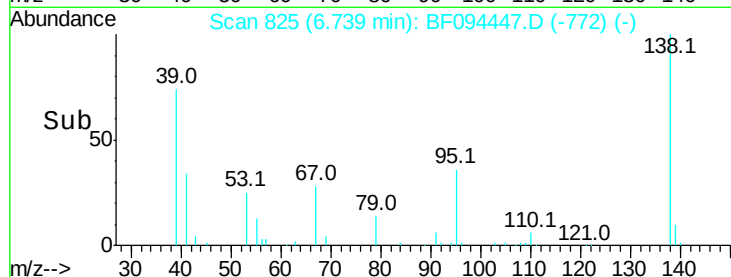
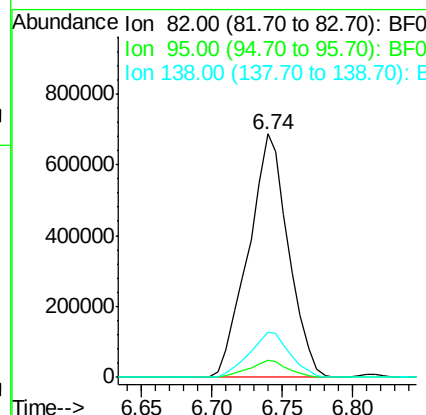
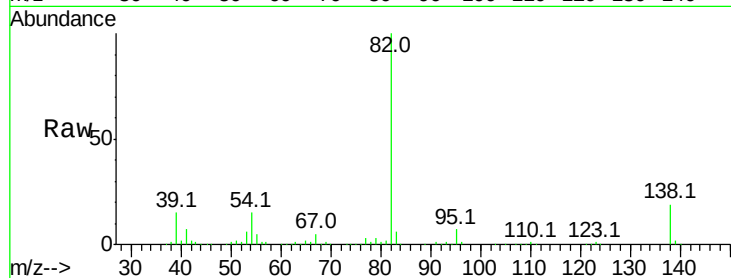
138 18.7 13.1 19.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 87.35 ng

RT: 6.82 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

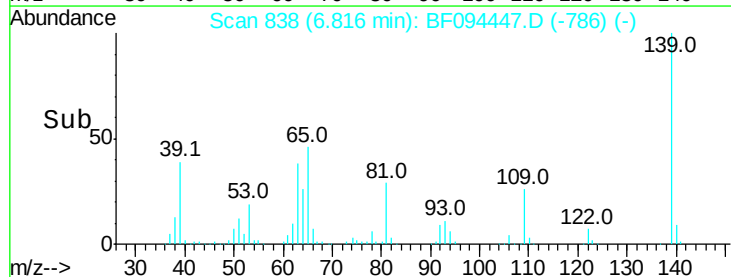
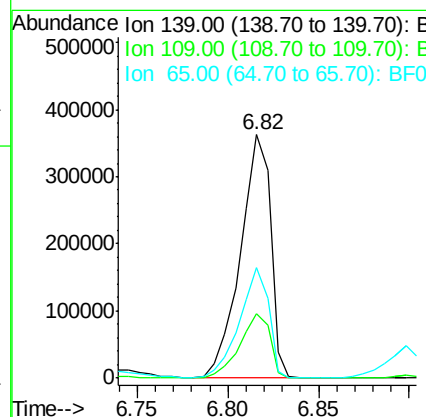
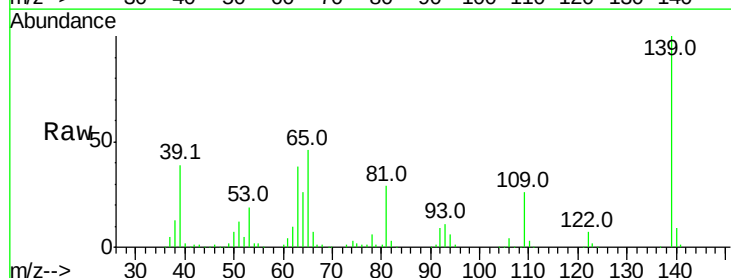
Tgt Ion:139 Resp: 420399

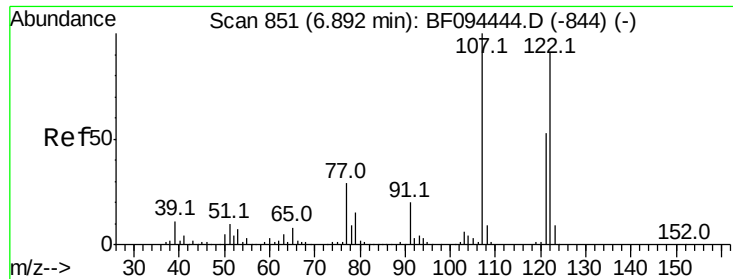
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 45.6 33.0 49.6





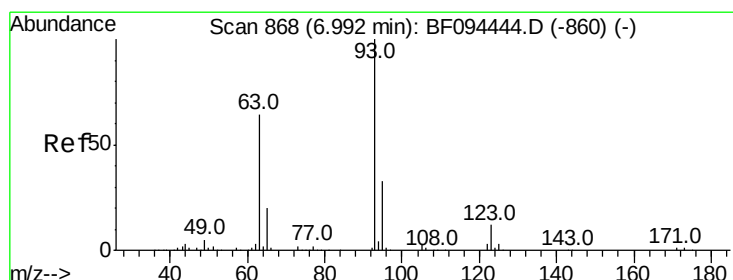
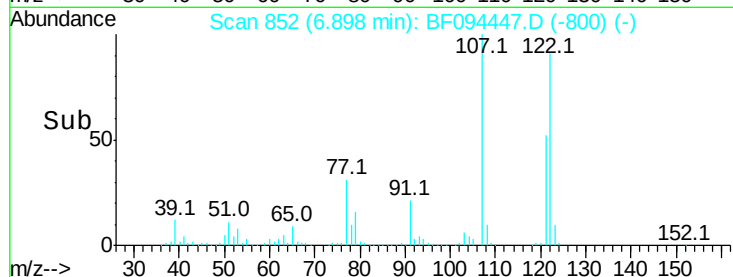
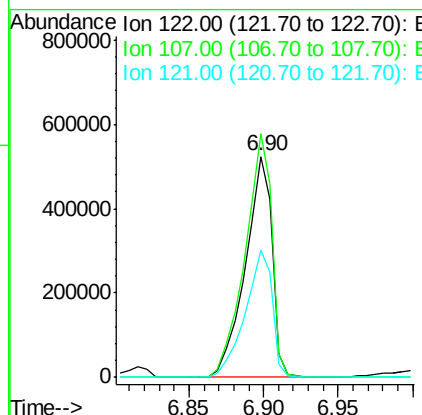
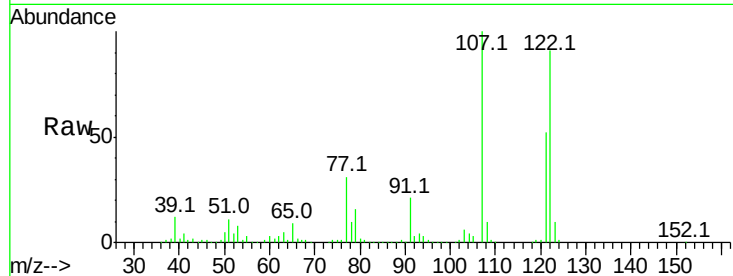
#27
2,4-Dimethylphenol
Concen: 78.01 ng
RT: 6.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100	646857		
107	110.2	89.2	133.8	
121	57.8	45.2	67.8	

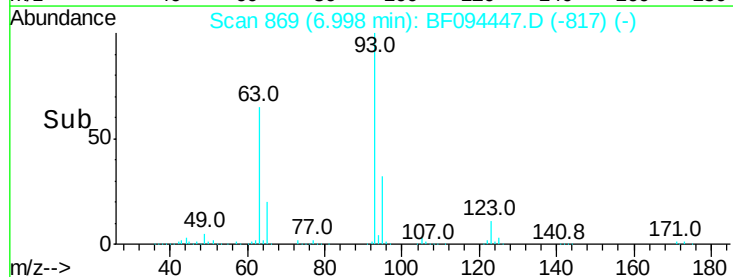
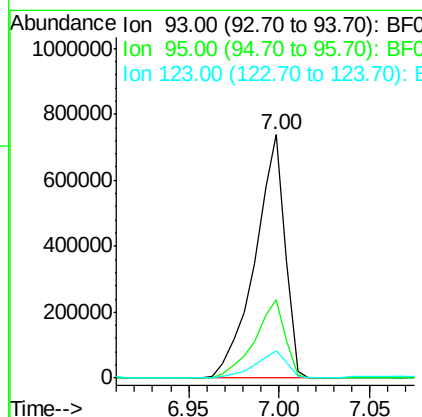
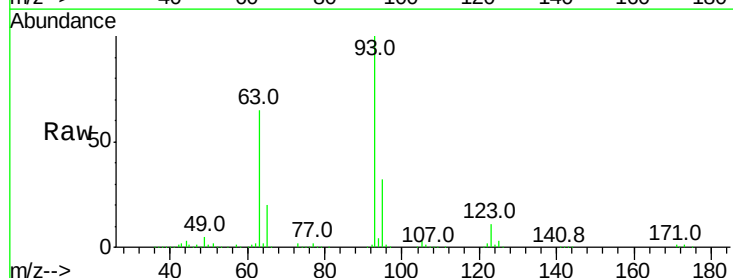
Manual Integrations
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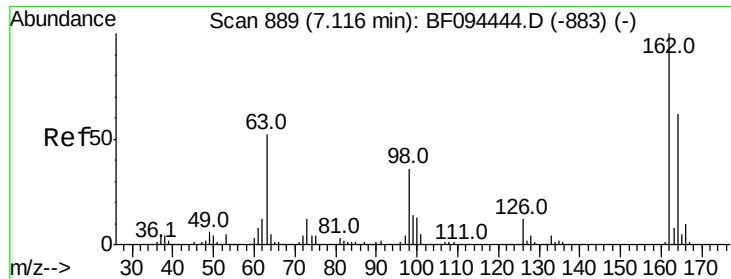
mohammad
4/18/2017 3:07:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 71.75 ng
RT: 7.00 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	850720		
95	32.4	26.5	39.7	
123	11.0	9.0	13.4	





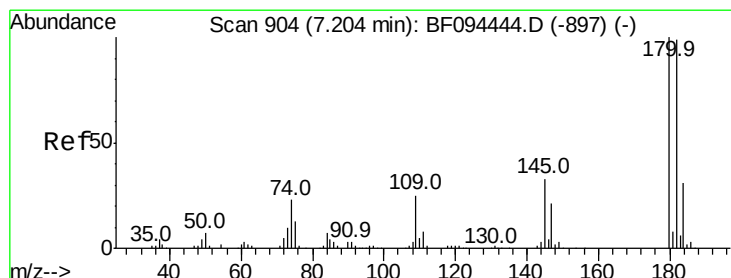
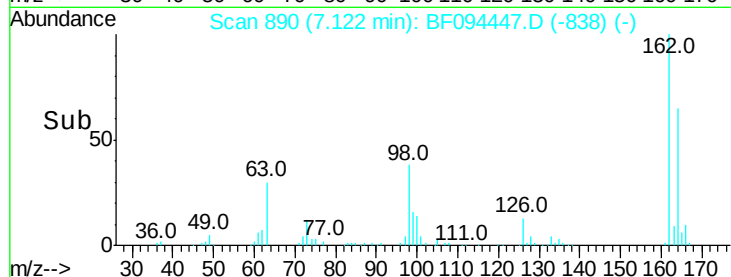
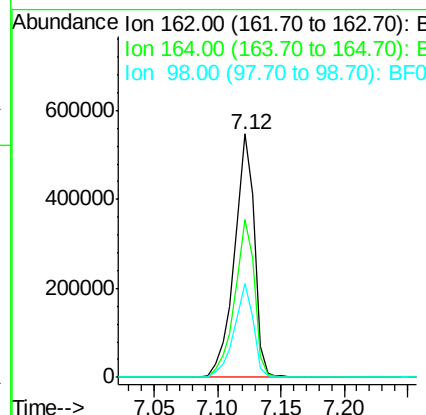
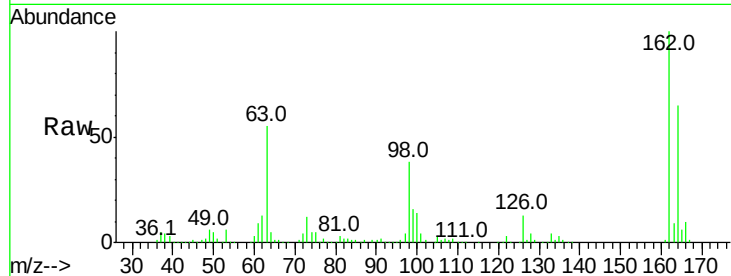
#29
 2,4-Dichlorophenol
 Concen: 76.23 ng
 RT: 7.12 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	162	Resp:	590997
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.6	84.6
98	38.4	14.8	54.8

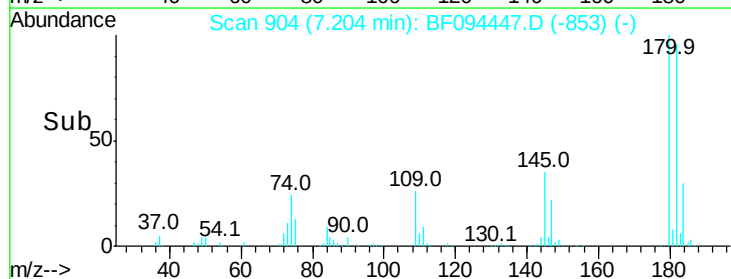
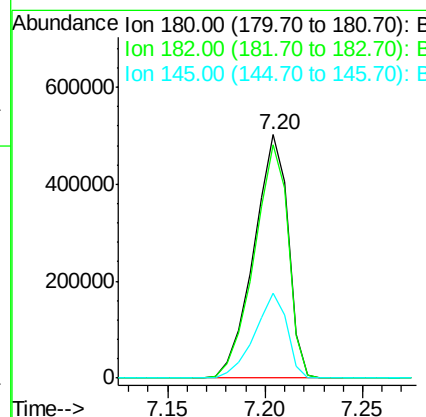
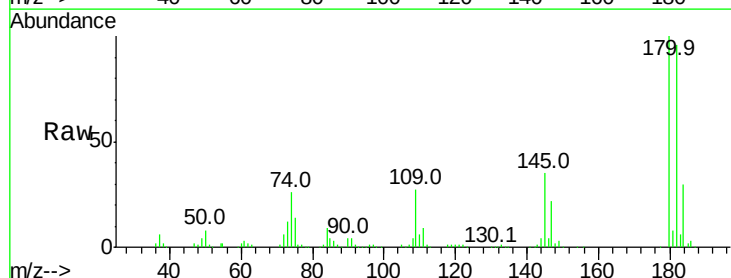
Manual Integrations
 APPROVED

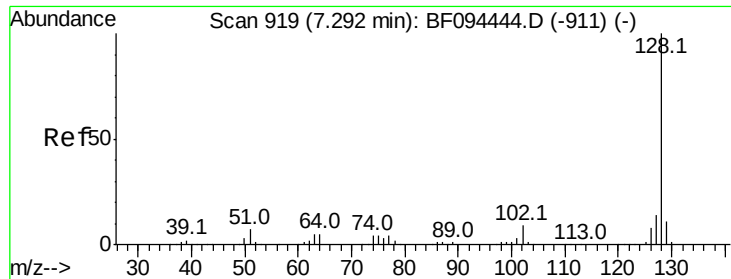
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 76.32 ng
 RT: 7.20 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:	180	Resp:	609492
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.8	113.6
145	34.7	25.3	37.9





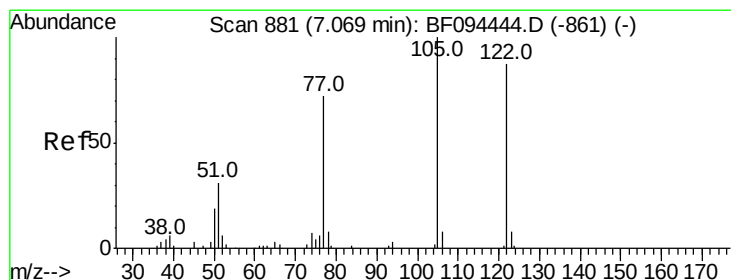
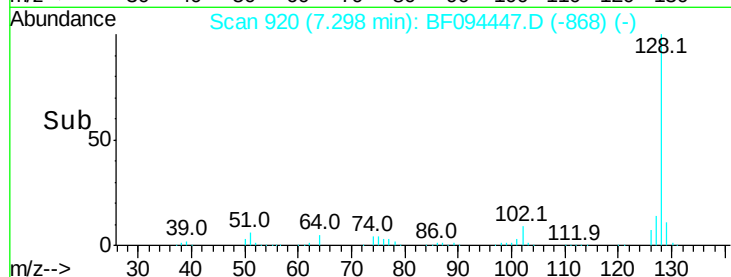
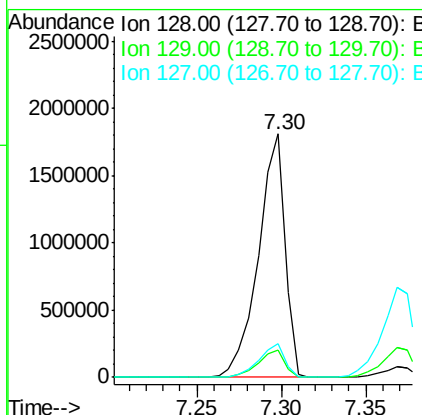
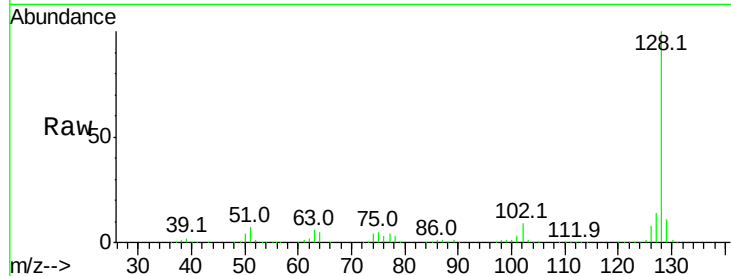
#31
Naphthalene
Concen: 70.75 ng
RT: 7.30 min Scan# 920
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.8	10.8	16.2

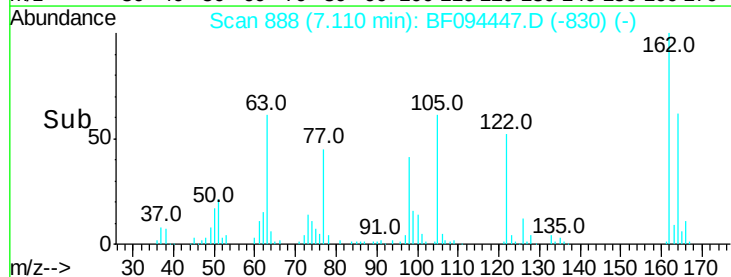
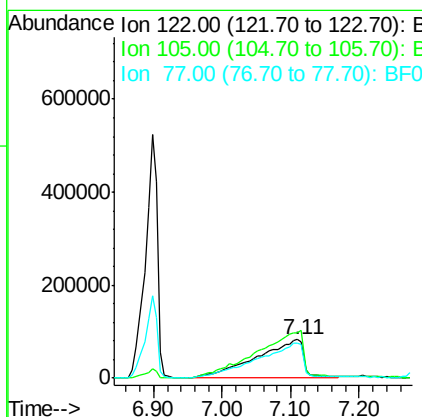
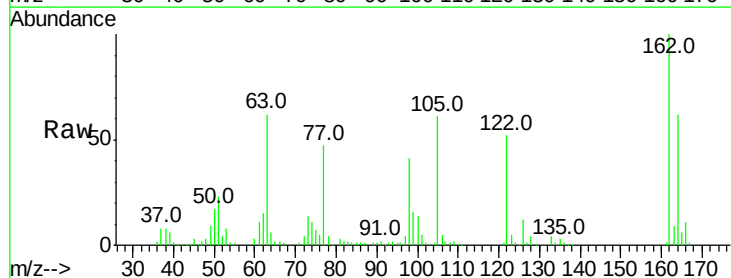
Manual Integrations
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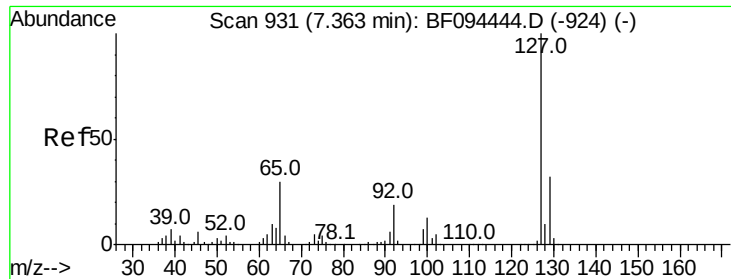
mohammad
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#32
Benzoic acid
Concen: 70.68 ng
RT: 7.11 min Scan# 888
Delta R.T. 0.04 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	103.3	143.3
77	89.8	73.7	113.7





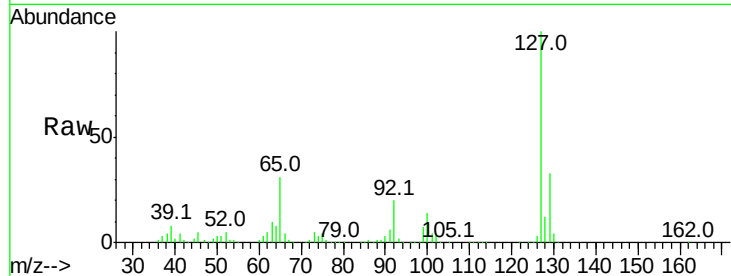
#33
4-Chloroaniline
Concen: 74.07 ng
RT: 7.37 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

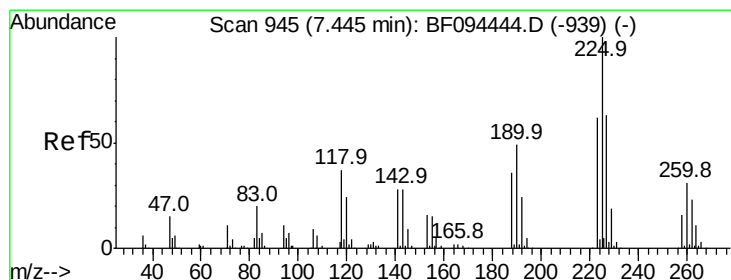
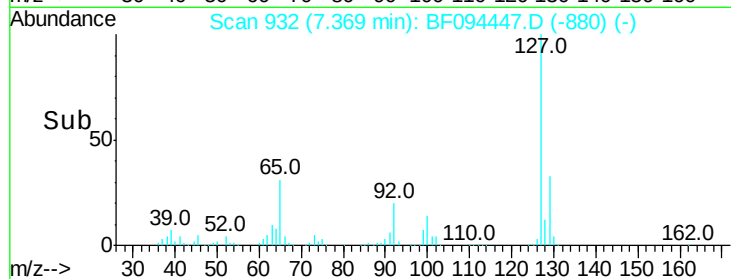
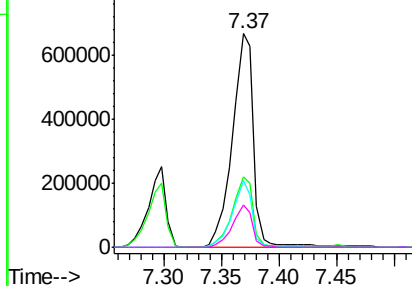
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.2	39.2		
65	30.9	27.8	41.8		
92	19.8	16.8	25.2		

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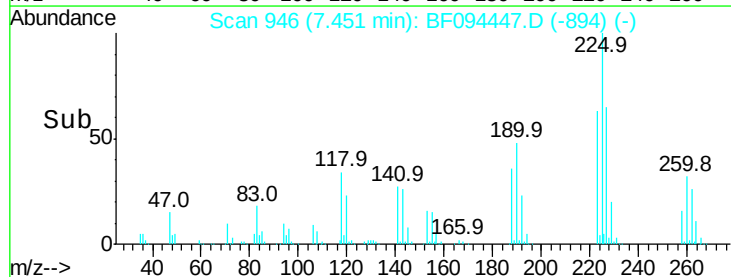
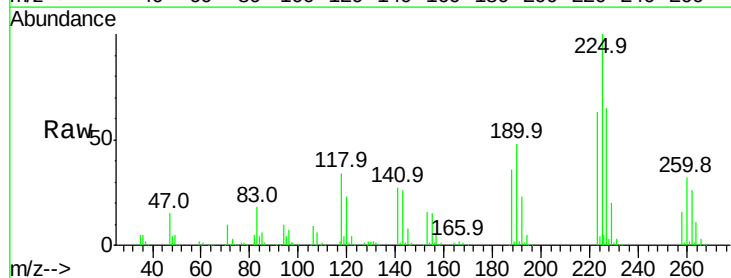
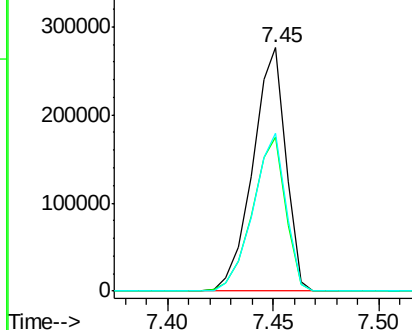
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

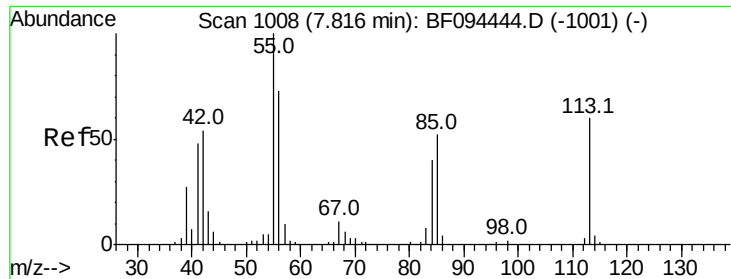


#34
Hexachlorobutadiene
Concen: 73.13 ng
RT: 7.45 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	48.8	73.2		
227	64.7	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





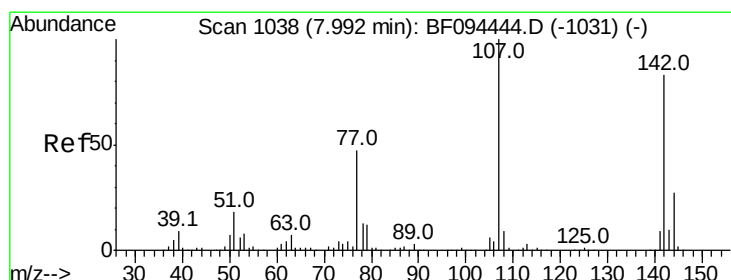
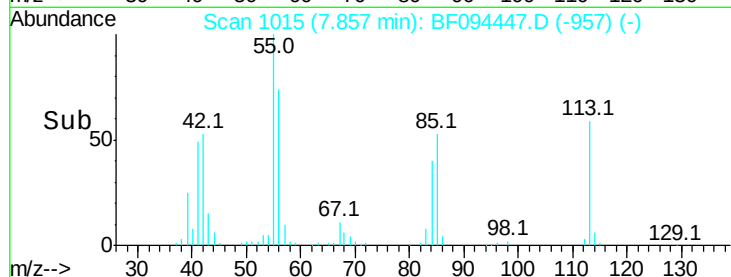
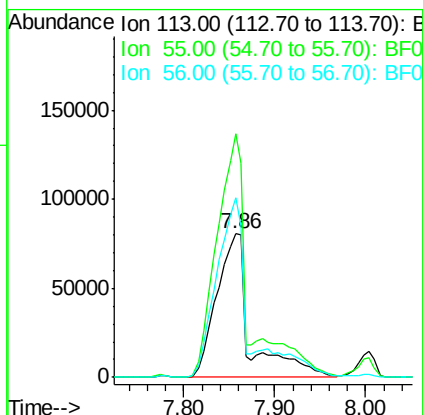
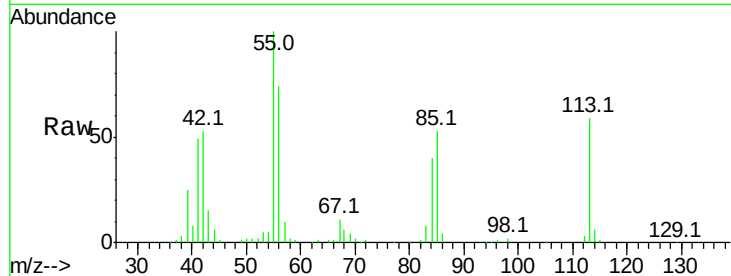
#35
 Caprolactam
 Concen: 83.78 ng/ml
 RT: 7.86 min Scan# 1015
 Delta R.T. 0.04 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.4	150.2	190.2
56	124.9	107.8	147.8

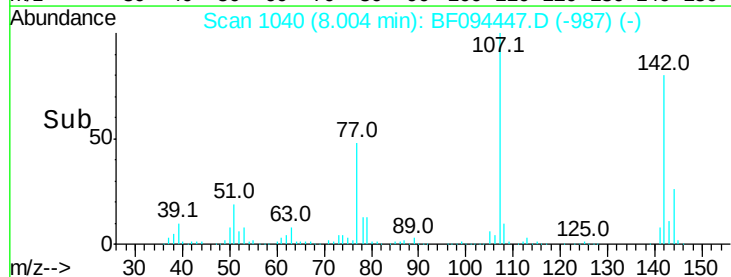
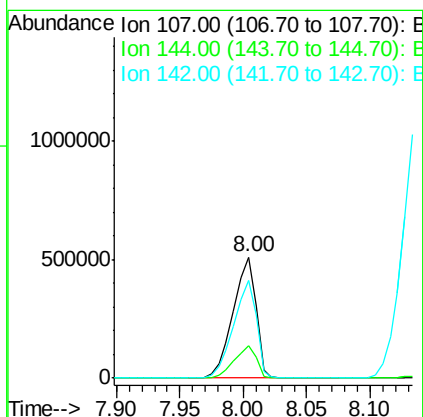
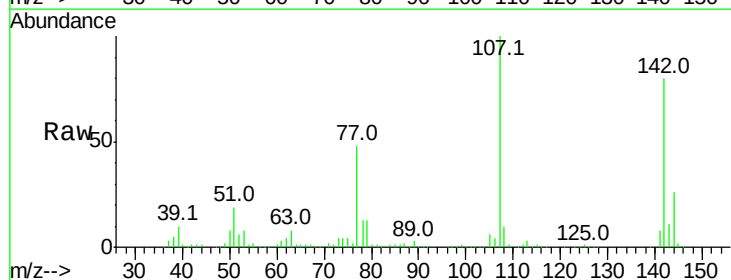
Manual Integrations
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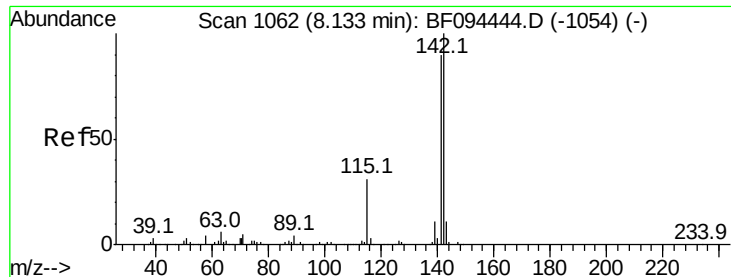
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 78.70 ng/ml
 RT: 8.00 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	24.2	36.4
142	80.4	73.4	110.0





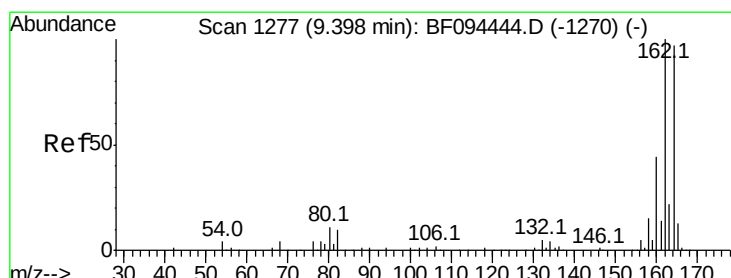
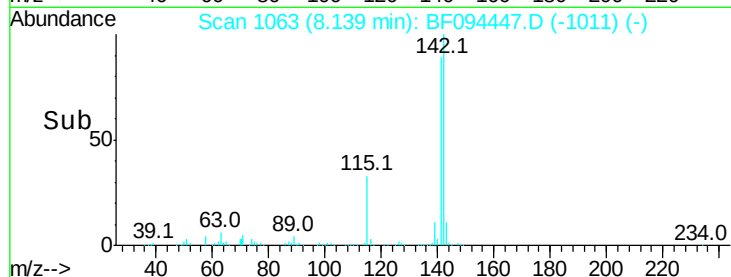
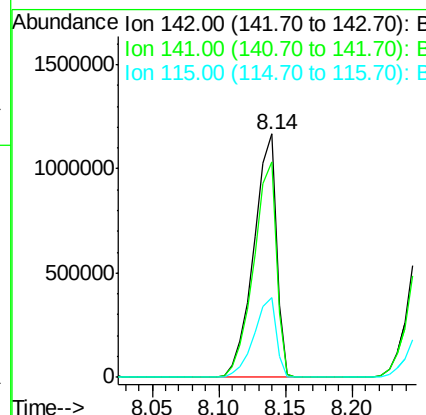
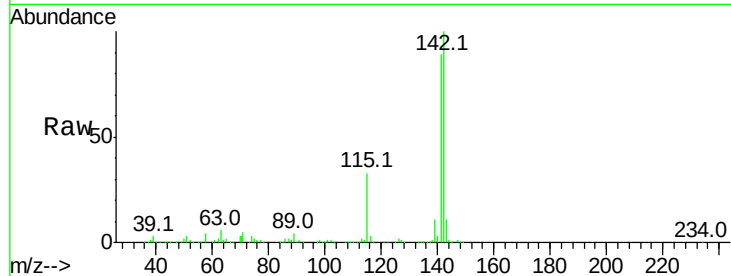
#37
2-Methylnaphthalene
Concen: 72.53 ng
RT: 8.14 min Scan# 1063
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	32.9	27.1	40.7

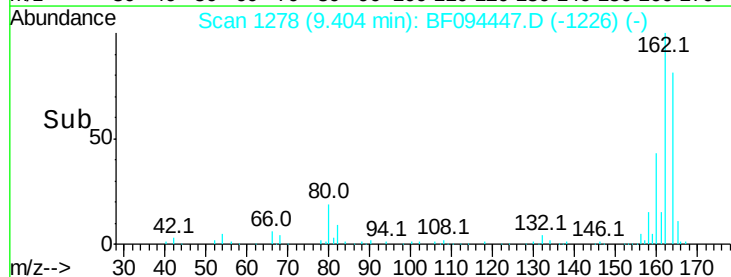
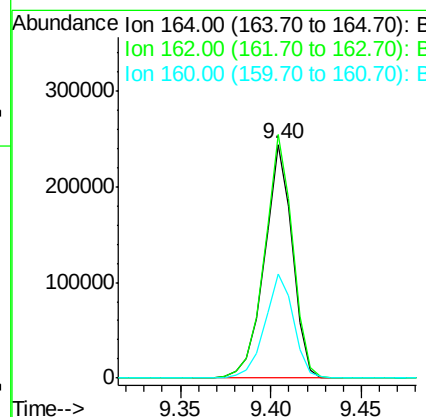
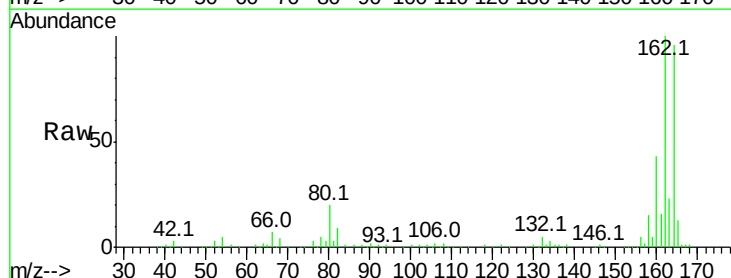
Manual Integrations
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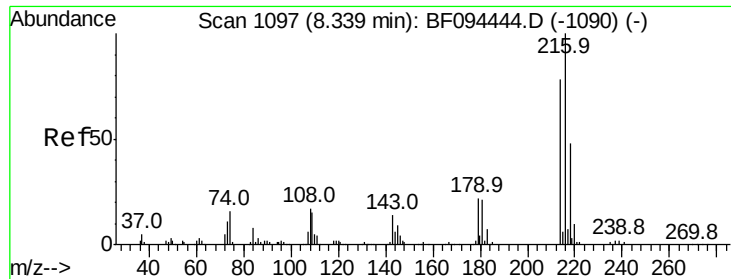
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 73.93 ng

RT: 8.35 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

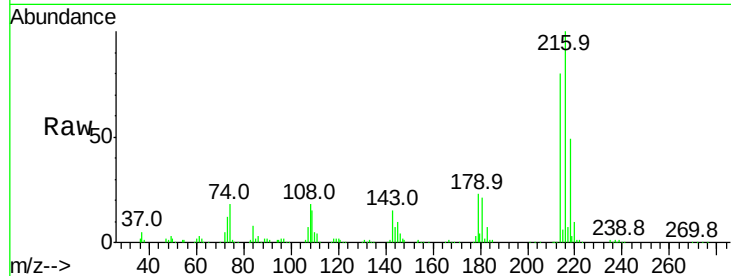
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
216	100	525850		
214	79.8	63.4	95.2	
179	22.3	17.9	26.9	
108	20.6	16.5	24.7	

Manual Integrations
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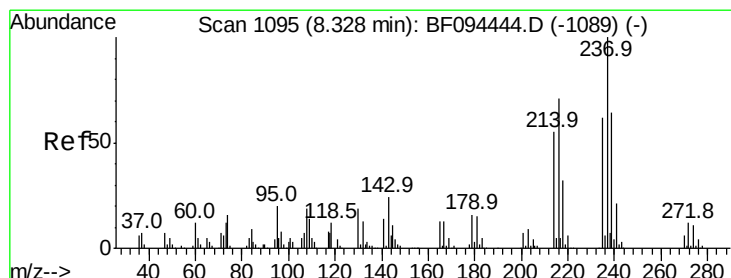
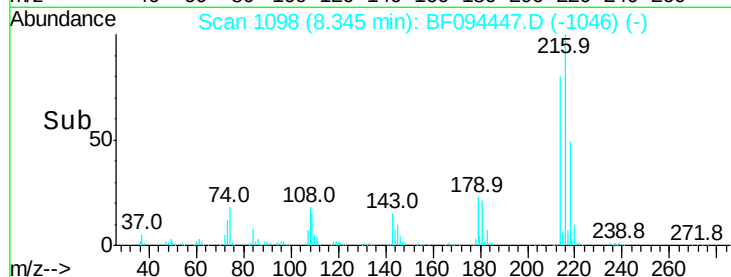
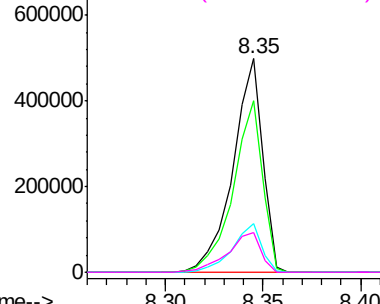


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.98 ng

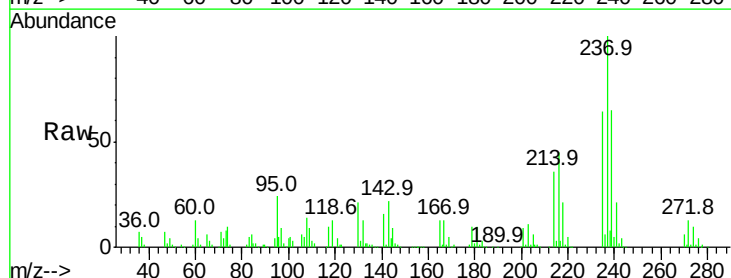
RT: 8.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

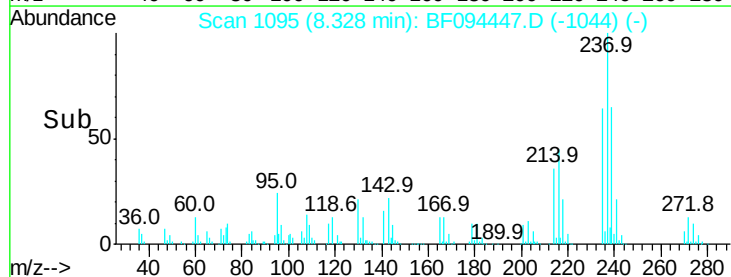
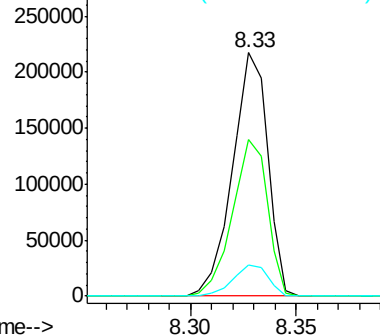
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	252889		
235	64.3	42.6	82.6	
272	12.6	0.0	31.9	

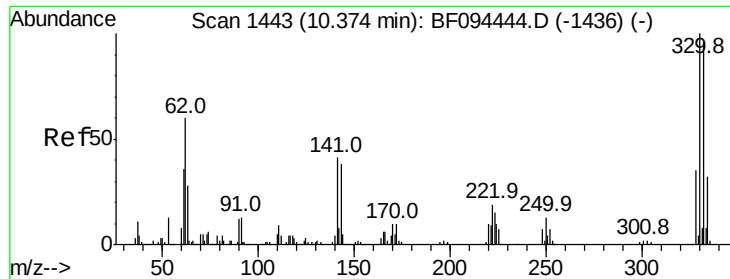


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





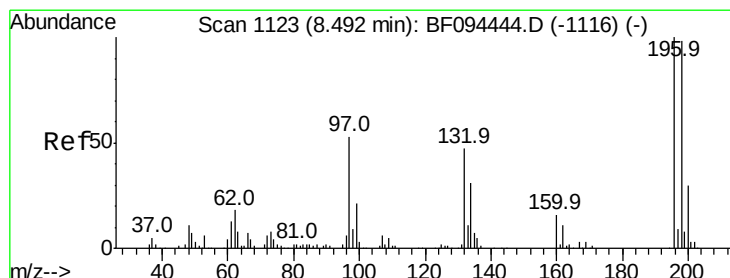
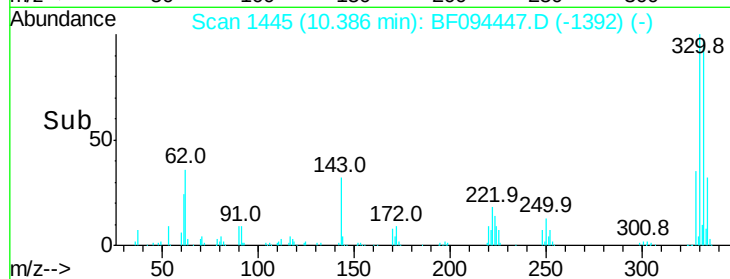
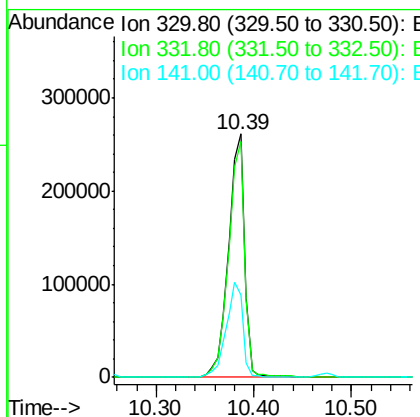
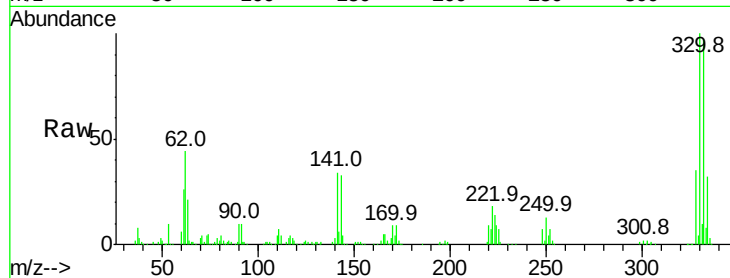
#41
 2,4,6-Tribromophenol
 Concen: 147.38 ng
 RT: 10.39 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	115.0	
141	40.0	31.4	47.2	

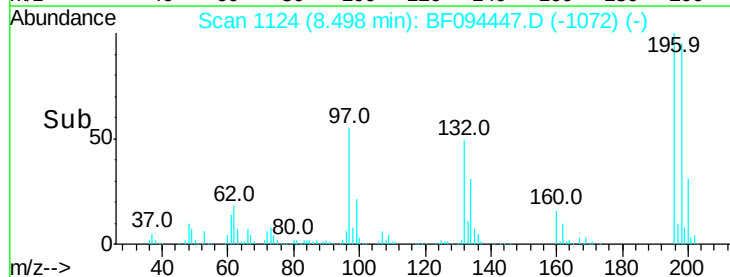
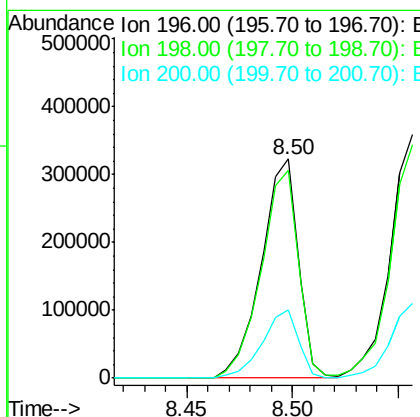
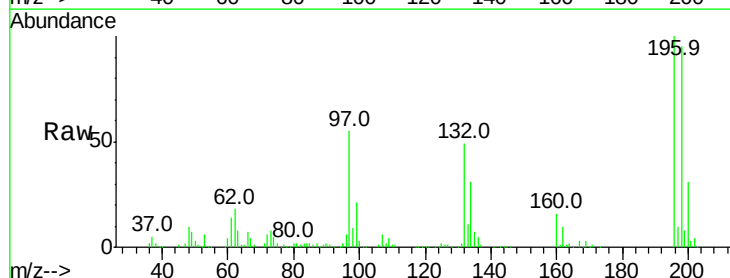
Manual Integrations
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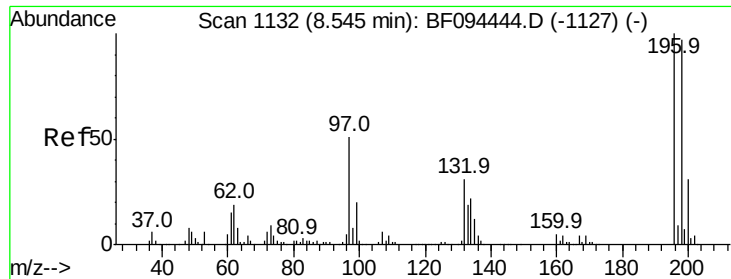
mohammad
 4/18/2017 3:07:54 PM



#42
 2,4,6-Trichlorophenol
 Concen: 78.44 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.0	74.2	111.4	
200	31.0	24.0	36.0	





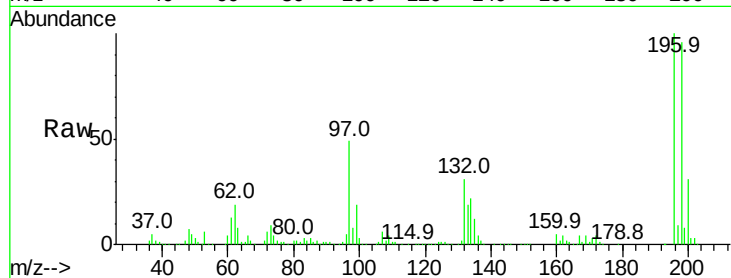
#43
 2,4,5-Trichlorophenol
 Concen: 72.99 ng
 RT: 8.56 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	196	Resp	397416
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
97	49.2	47.7	71.5
132	30.6	28.0	42.0

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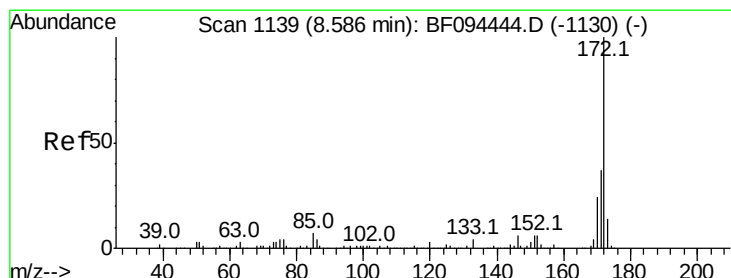
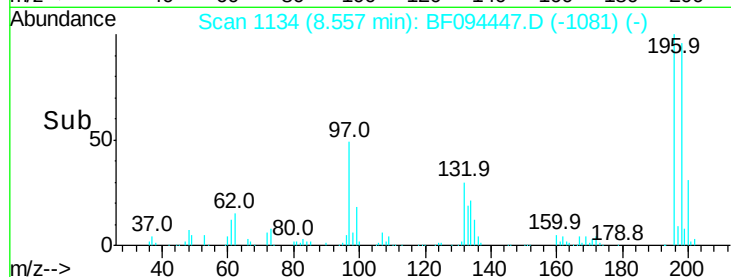
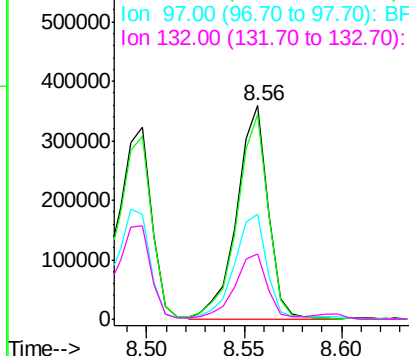
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 136.12 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

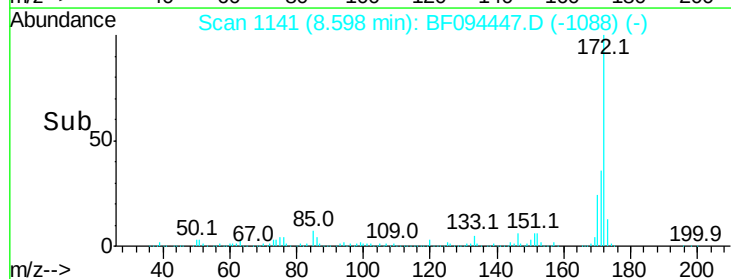
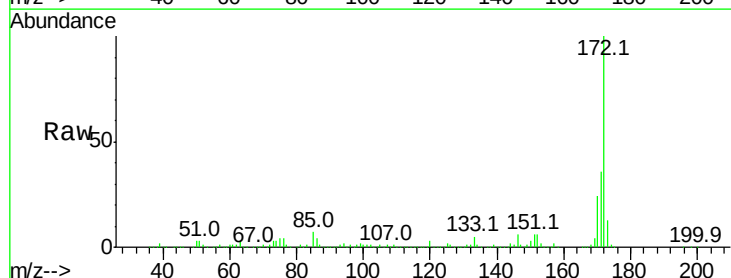
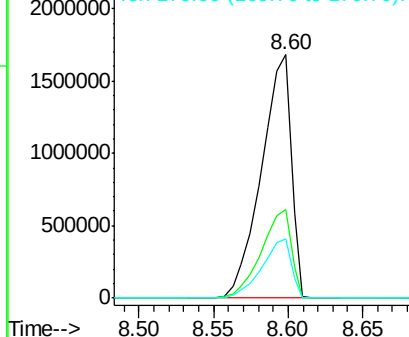
Tgt Ion	172	Resp	2320386
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8

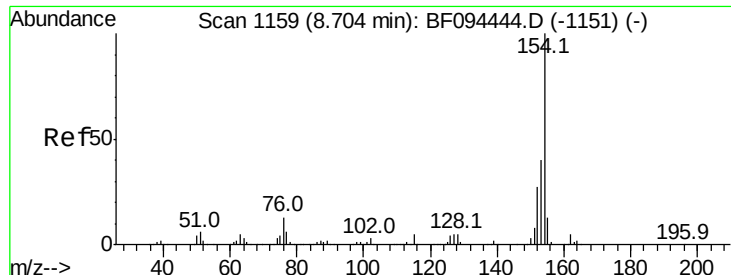
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 69.20 ng

RT: 8.72 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1451178

Ion Ratio Lower Upper

154 100

153 42.0 21.2 61.2

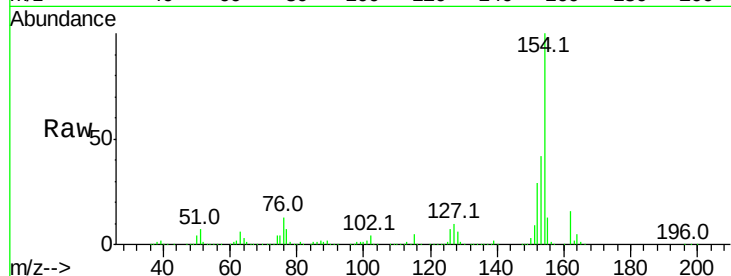
76 13.2 0.0 29.9

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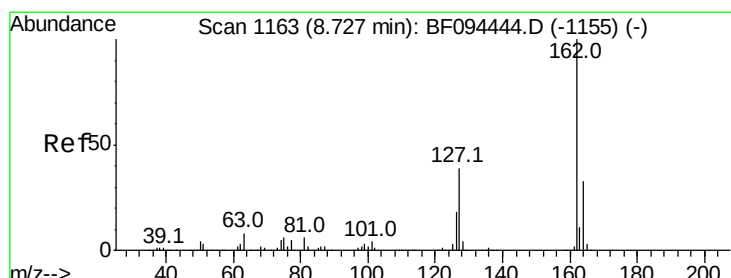
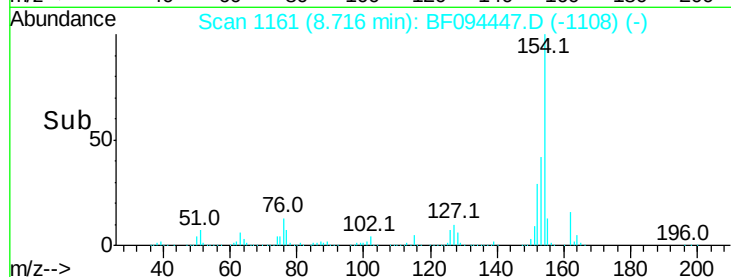
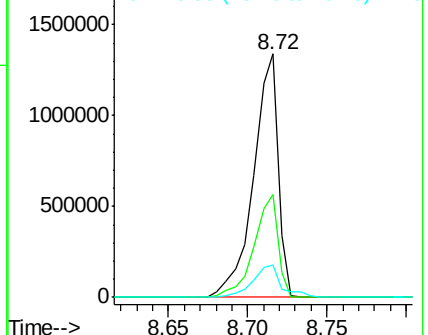
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 72.04 ng

RT: 8.73 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

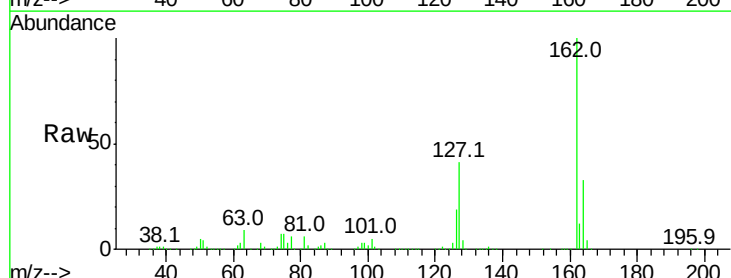
Tgt Ion:162 Resp: 1182675

Ion Ratio Lower Upper

162 100

127 41.0 28.3 42.5

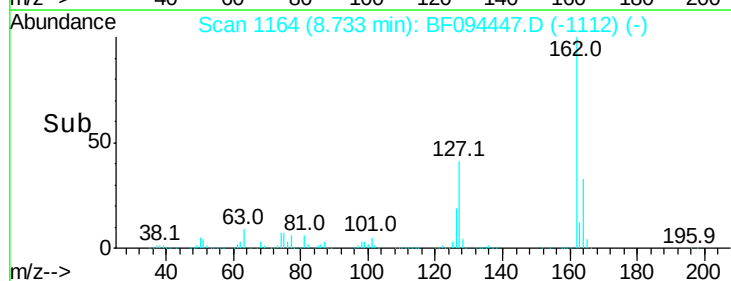
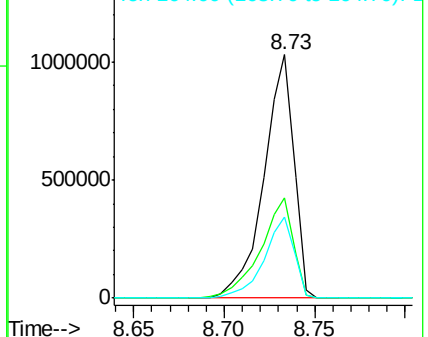
164 33.1 27.0 40.4

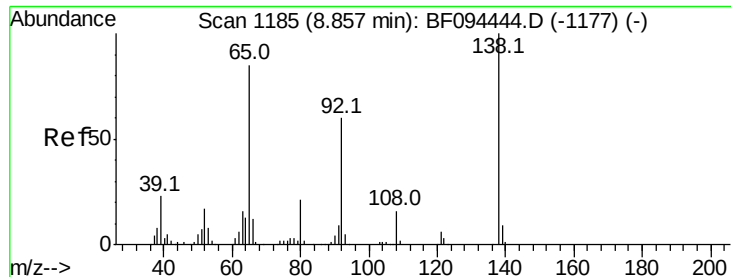


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 78.29 ng

RT: 8.87 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 65 Resp: 381240

Ion Ratio Lower Upper

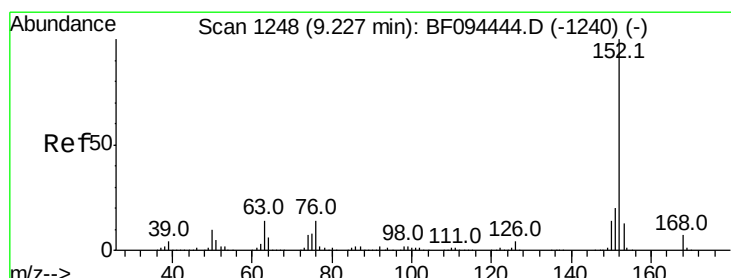
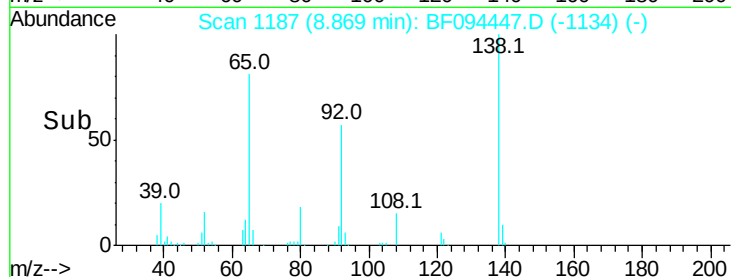
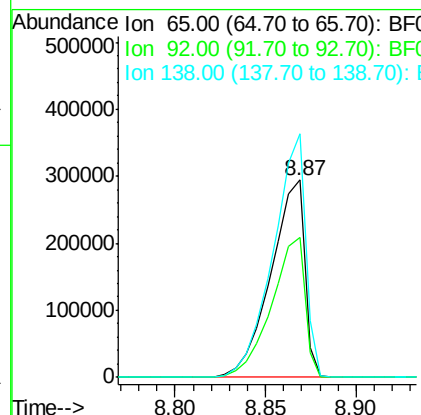
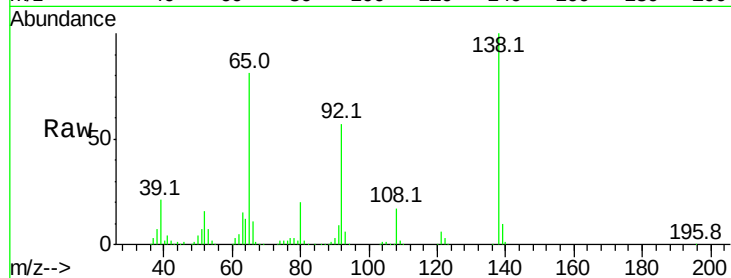
65 100

92 70.8 53.9 80.9

138 123.5 78.8 118.2#

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#48

Acenaphthylene

Concen: 68.09 ng

RT: 9.24 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

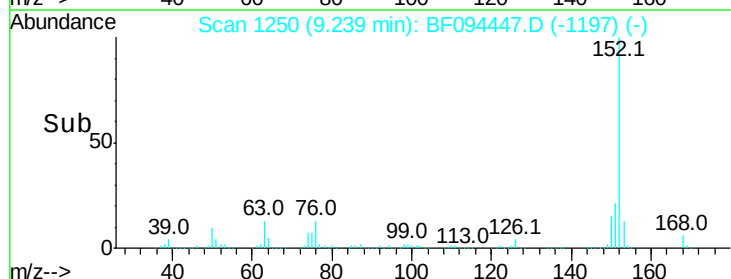
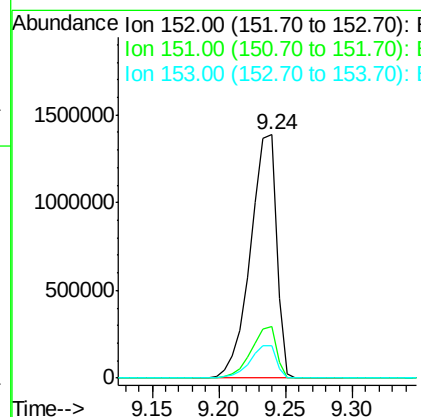
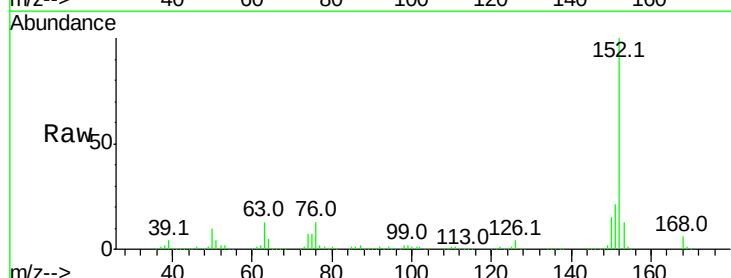
Tgt Ion: 152 Resp: 1857795

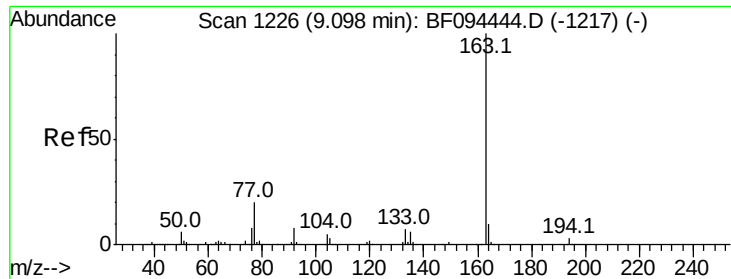
Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.5 10.8 16.2





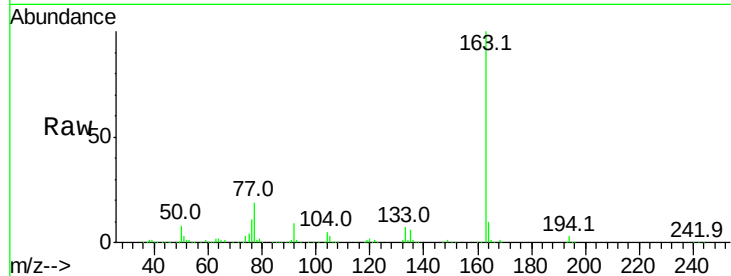
#49
 Dimethylphthalate
 Concen: 78.68 ng
 RT: 9.12 min Scan# 1229
 Delta R.T. 0.02 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

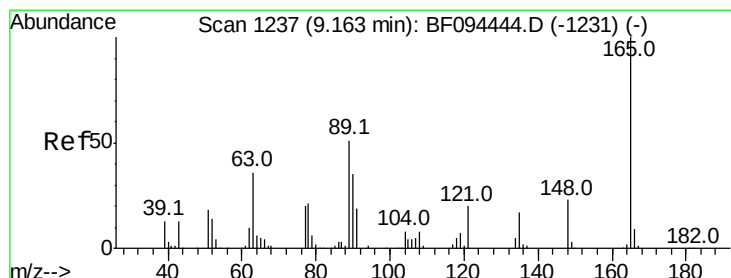
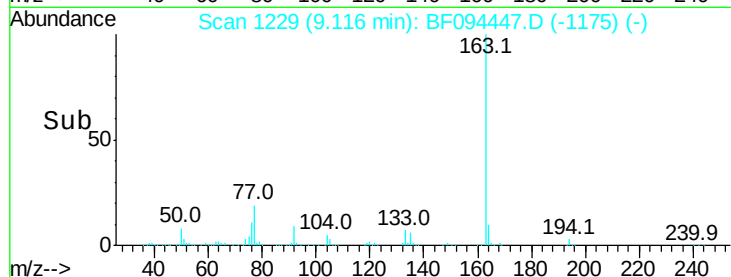
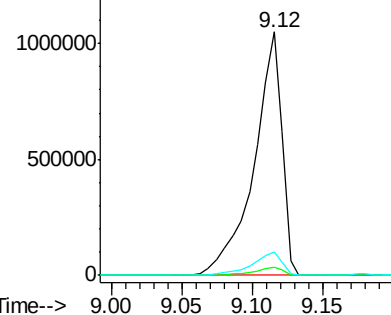
Tot Ion	163	Resp	1454106
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

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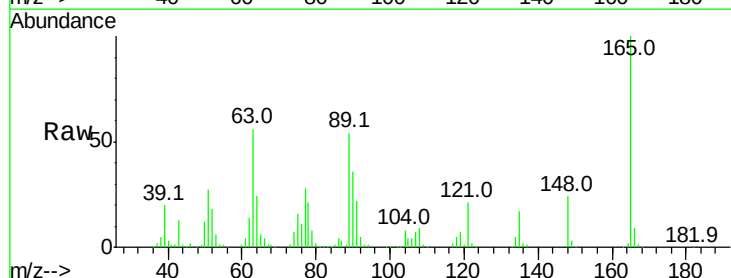


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

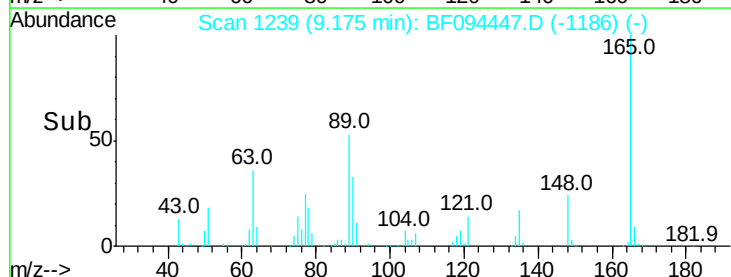
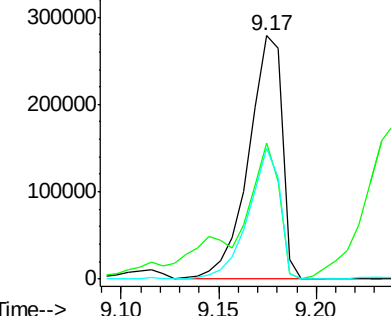


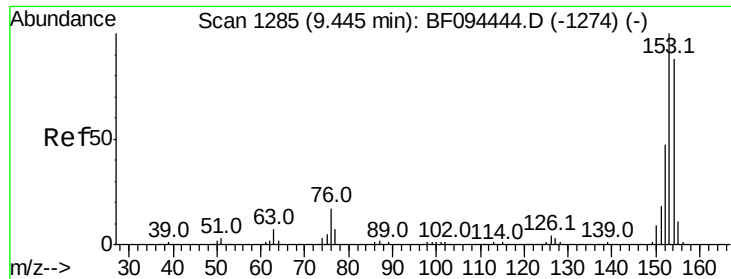
#50
 2,6-Dinitrotoluene
 Concen: 78.89 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	165	Resp	334234
Ion Ratio	Lower	Upper	
165	100		
63	55.6	34.3	51.5#
89	53.7	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: 70.38 ng

RT: 9.45 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1120365

Ion Ratio Lower Upper

154 100

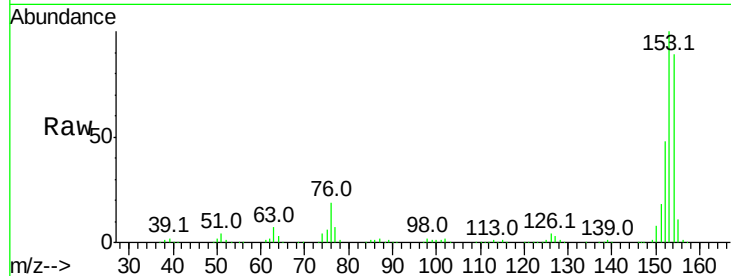
153 112.3 90.5 135.7

152 53.9 43.6 65.4

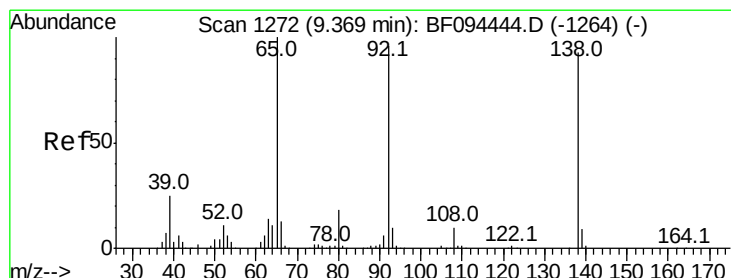
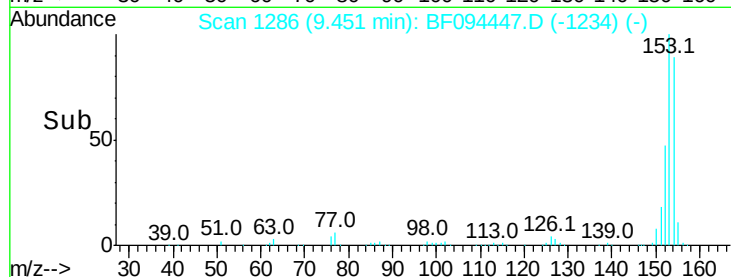
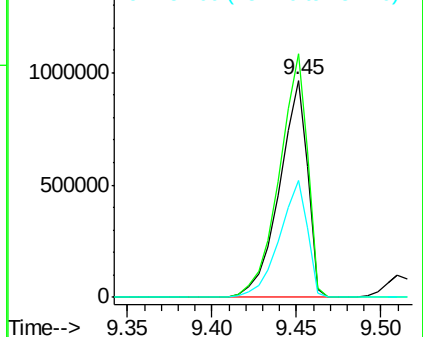
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 76.81 ng

RT: 9.38 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

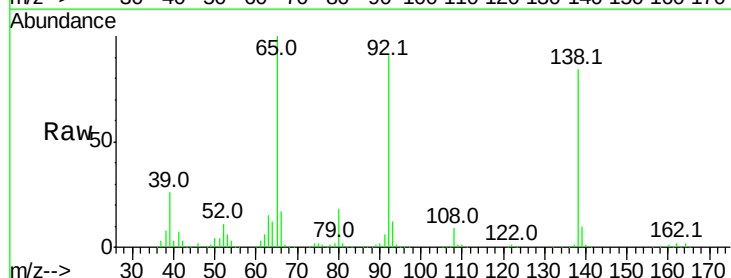
Tgt Ion:138 Resp: 382147

Ion Ratio Lower Upper

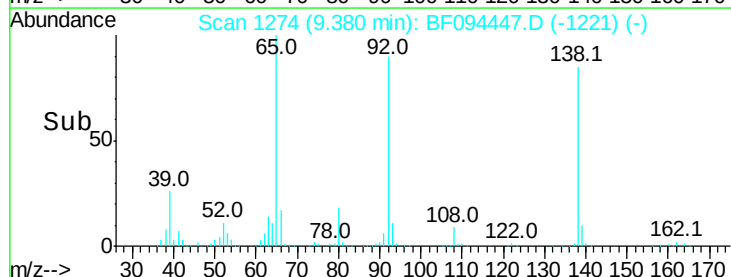
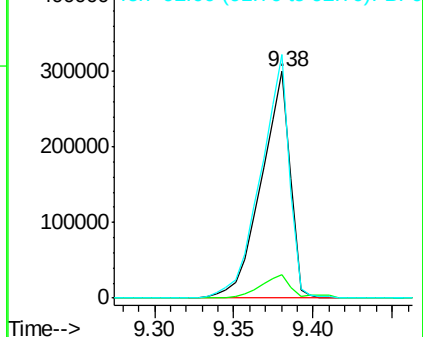
138 100

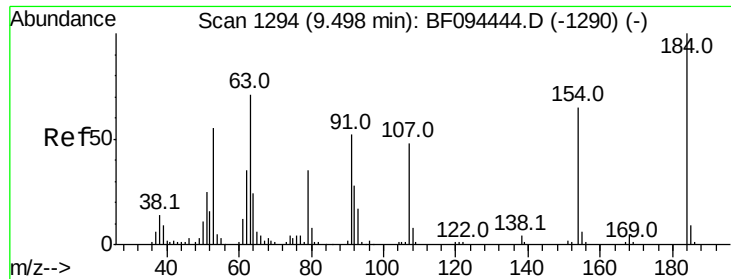
108 10.4 9.1 13.7

92 107.4 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





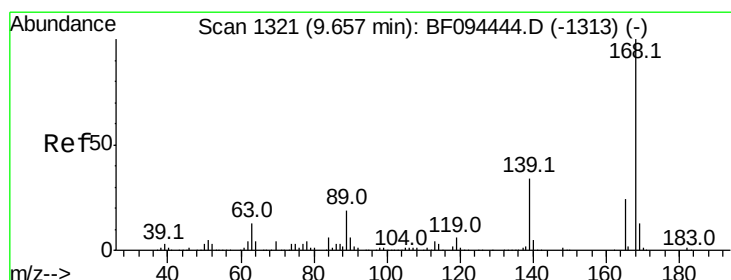
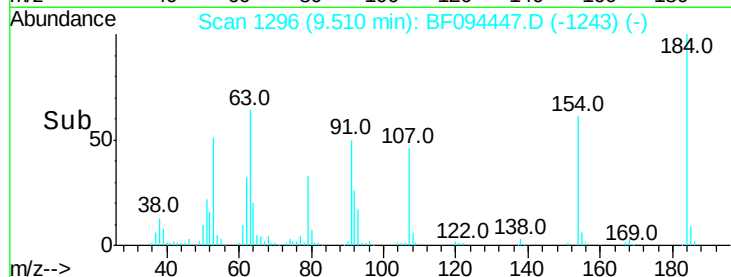
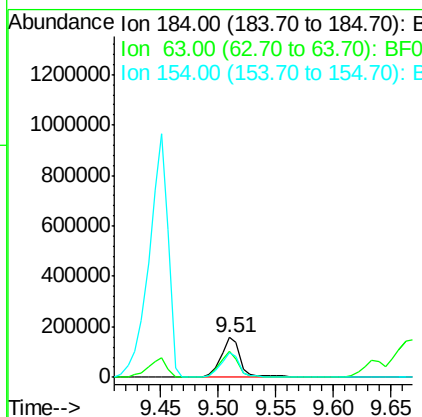
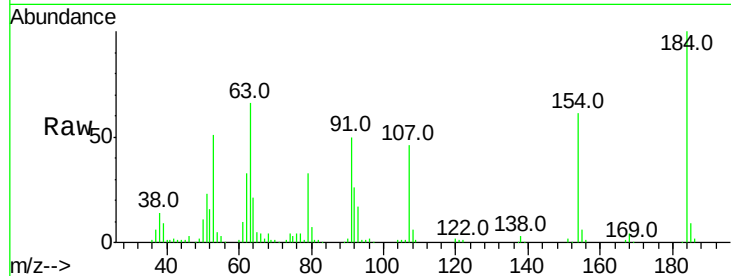
#53
 2,4-Dinitrophenol
 Concen: 94.87 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.7	62.7	94.1
154	61.3	81.1	121.7#

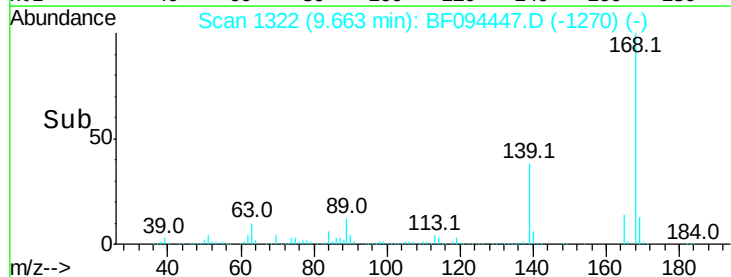
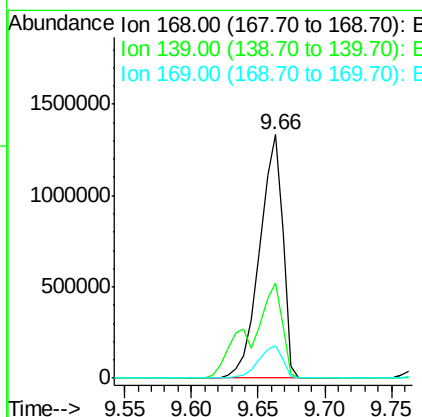
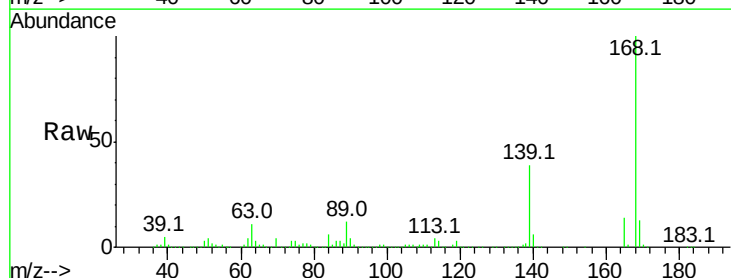
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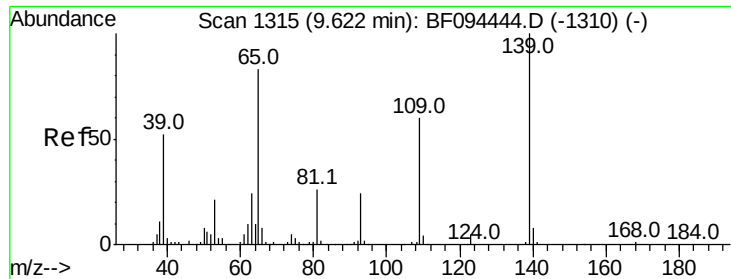
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#54
 Dibenzofuran
 Concen: 73.42 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	13.5	10.8	16.2





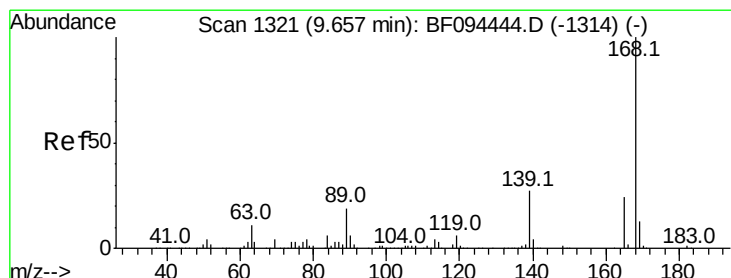
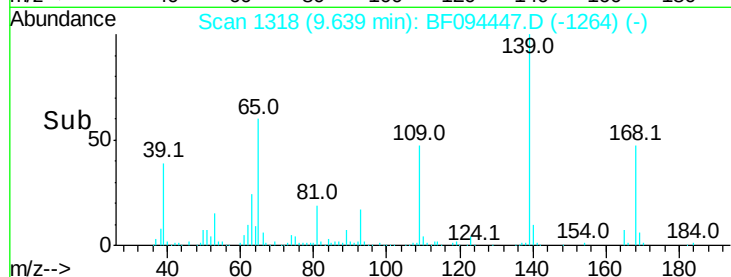
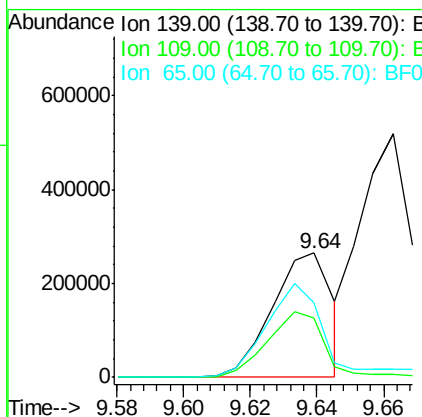
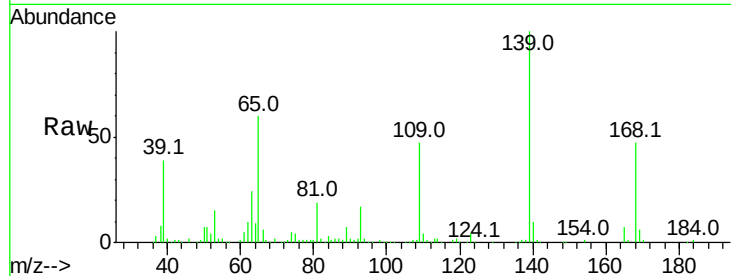
#55
4-Nitrophenol
Concen: 84.80 ng/ml
RT: 9.64 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
139	100		
109	47.2	34.1	74.1
65	60.4	31.4	71.4

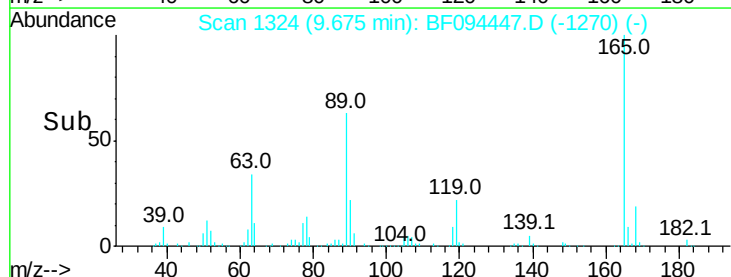
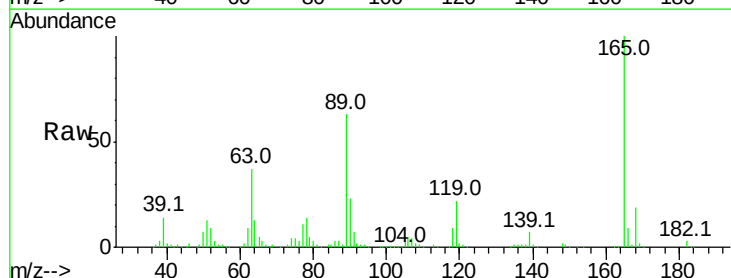
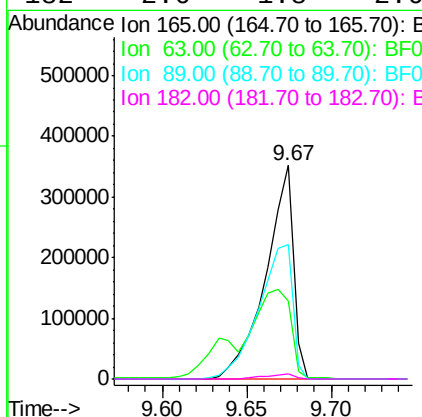
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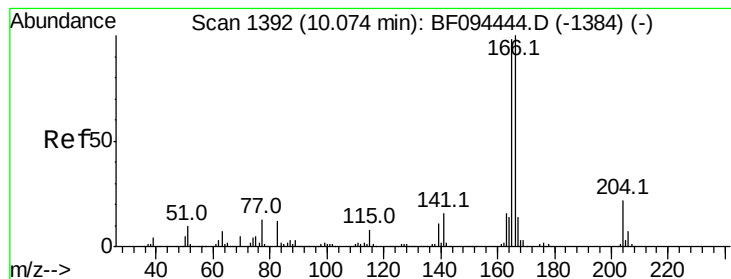
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#56
2,4-Dinitrotoluene
Concen: 74.91 ng/ml
RT: 9.67 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.8	25.4	38.0
89	62.7	46.4	69.6
182	2.6	1.8	2.6





#57

Fluorene

Concen: 65.10 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:166 Resp: 1170018

Ion Ratio Lower Upper

166 100

165 98.2 78.8 118.2

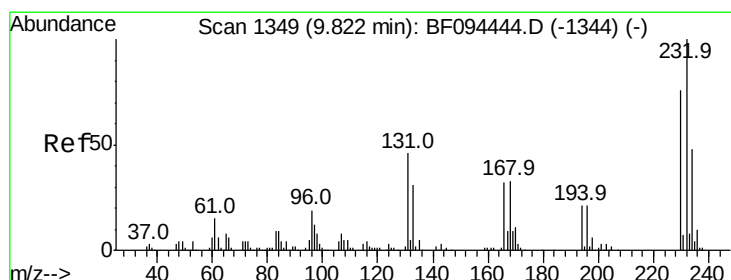
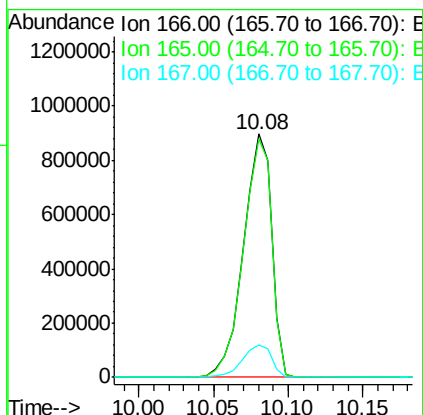
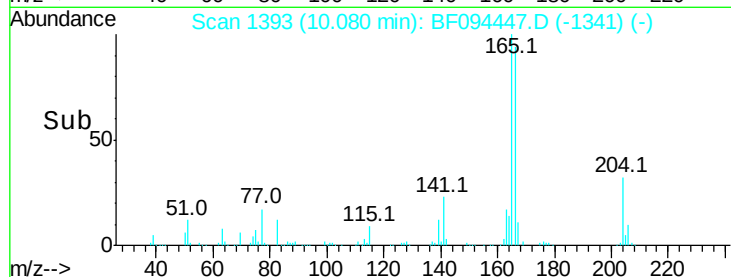
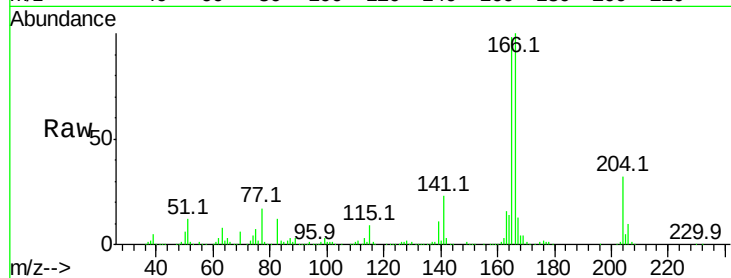
167 13.5 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 79.55 ng

RT: 9.83 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:232 Resp: 297191

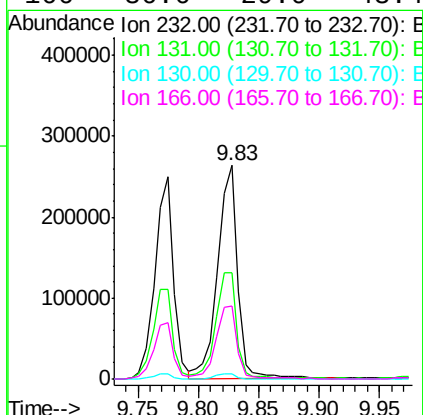
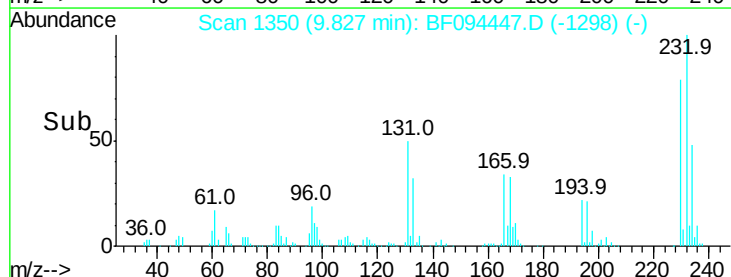
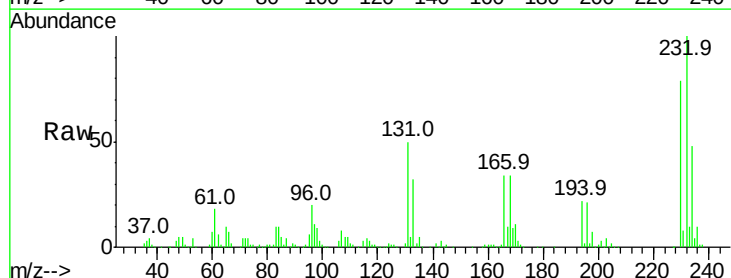
Ion Ratio Lower Upper

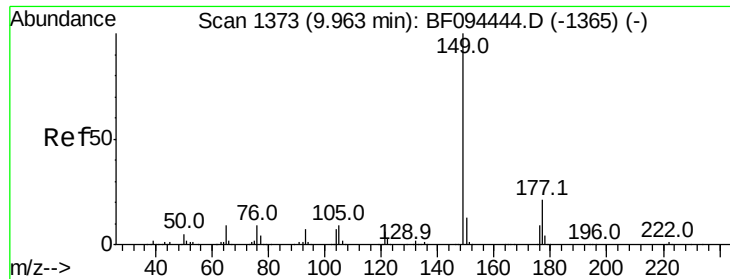
232 100

131 52.9 44.8 67.2

130 2.6 2.3 3.5

166 36.6 29.0 43.4





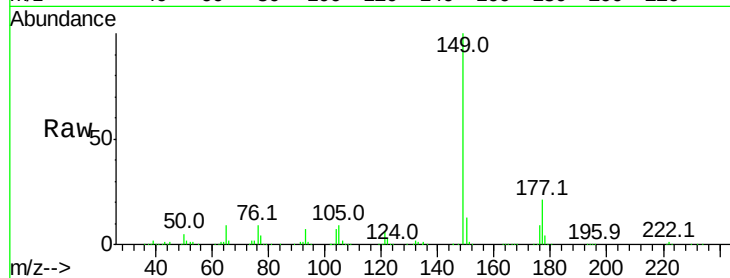
#59
Diethylphthalate
Concen: 73.76 ng
RT: 9.97 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampled :
SSTDIC080

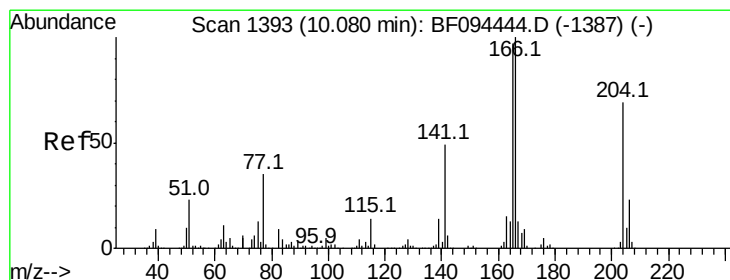
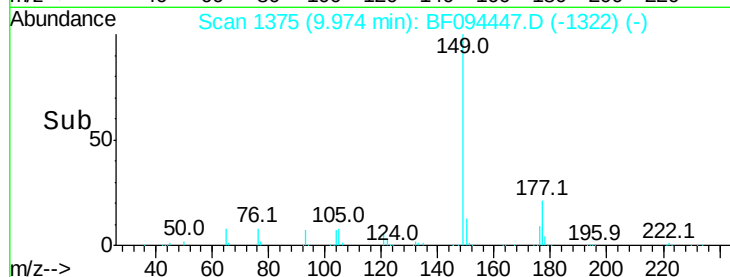
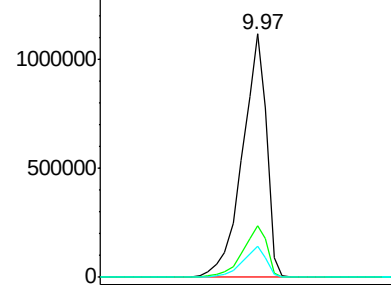
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.6	10.2	15.2

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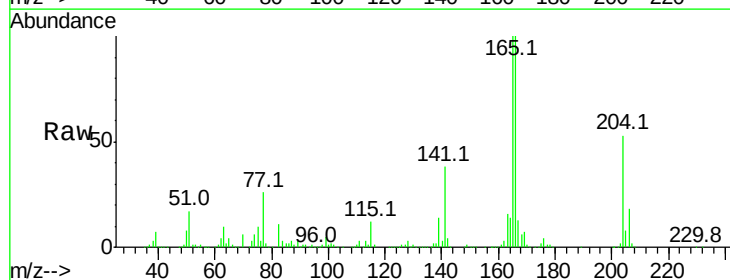


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

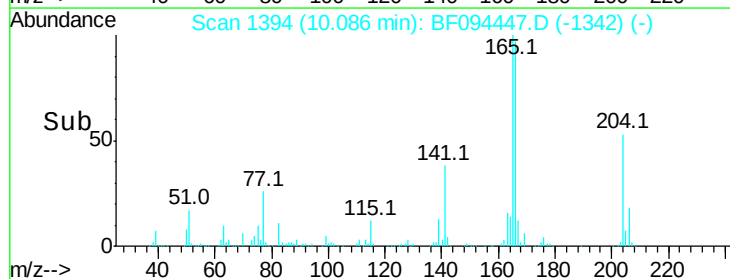
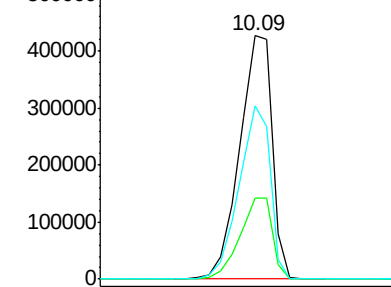


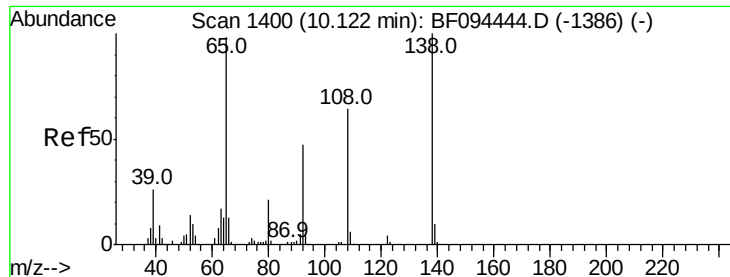
#60
4-Chlorophenyl-phenylether
Concen: 64.31 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	71.4	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 81.95 ng

RT: 10.15 min Scan# 1404

Delta R.T. 0.02 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

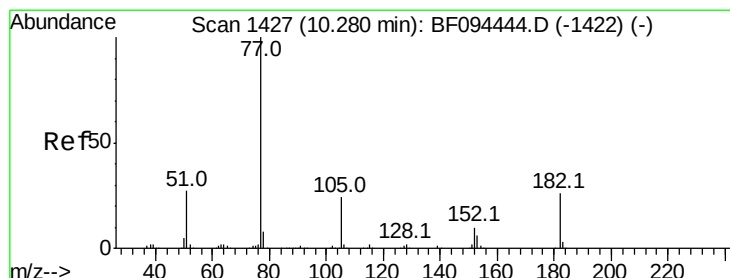
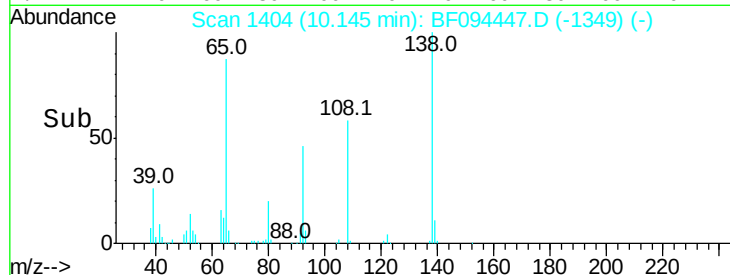
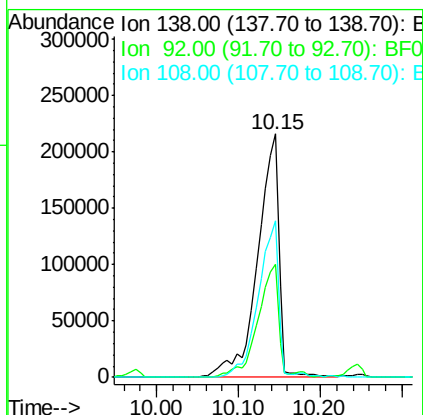
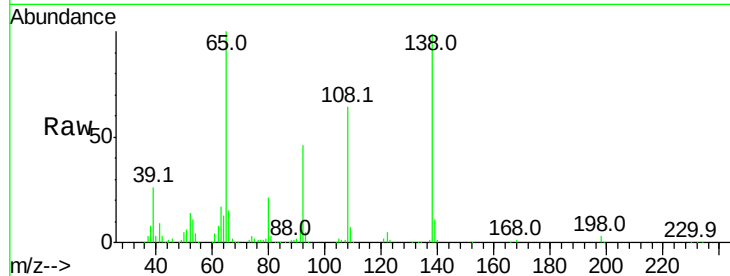
ClientSampleId :

SSTDICC080

Tot Ion:	138	Resp:	391213
Ion Ratio	Lower	Upper	
138	100		
92	46.4	21.8	61.8
108	64.2	42.3	82.3

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#62

Azobenzene

Concen: 74.25 ng

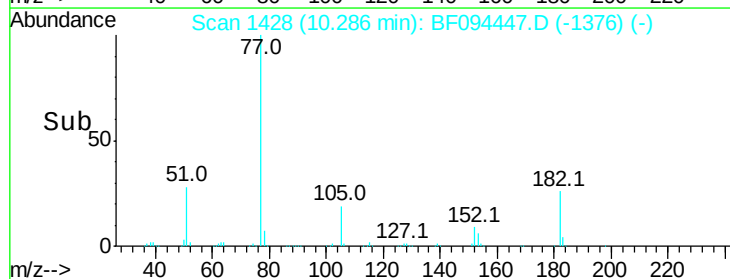
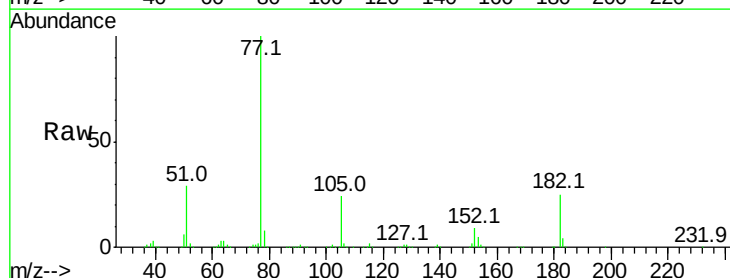
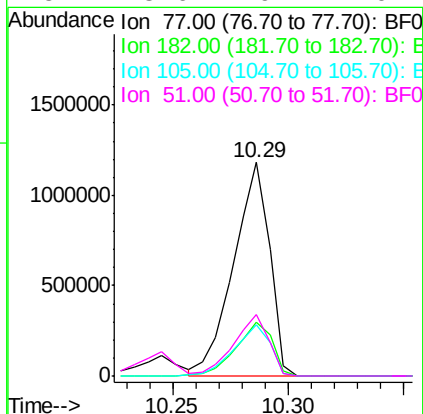
RT: 10.29 min Scan# 1428

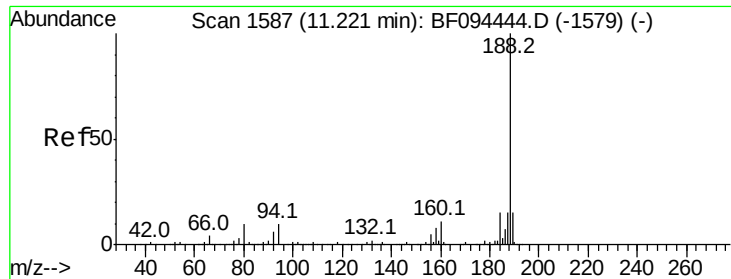
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:	77	Resp:	1283014
Ion Ratio	Lower	Upper	
77	100		
182	25.1	0.1	40.1
105	24.0	3.6	43.6
51	28.6	9.4	49.4





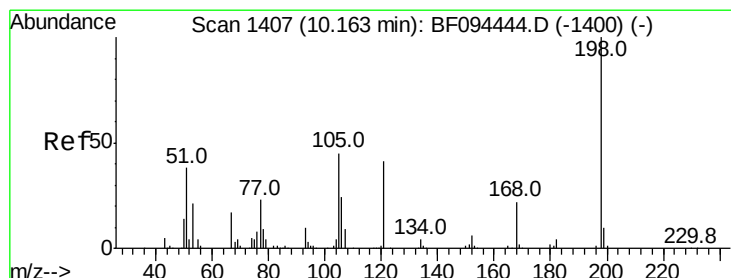
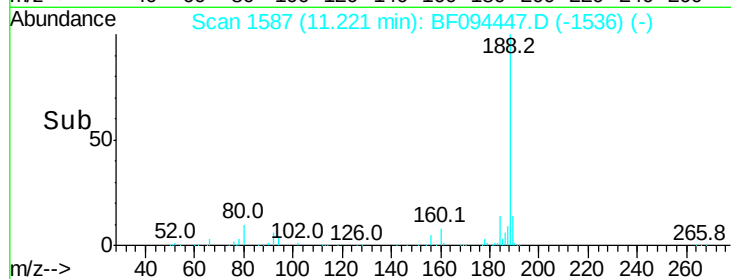
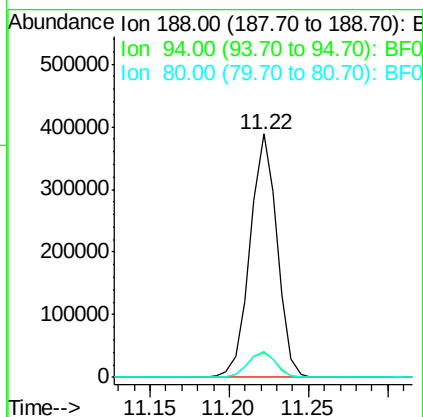
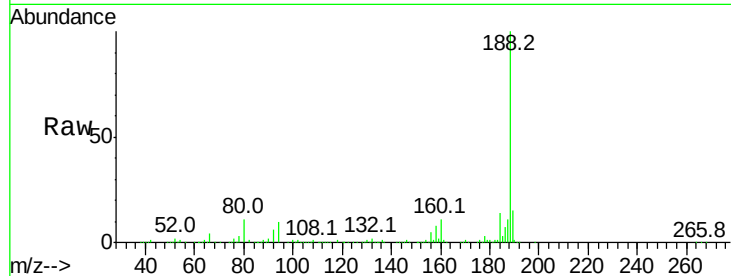
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	9.4	14.2	
80	10.8	10.2	15.2	

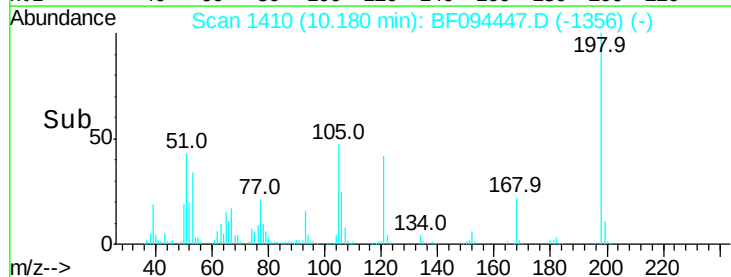
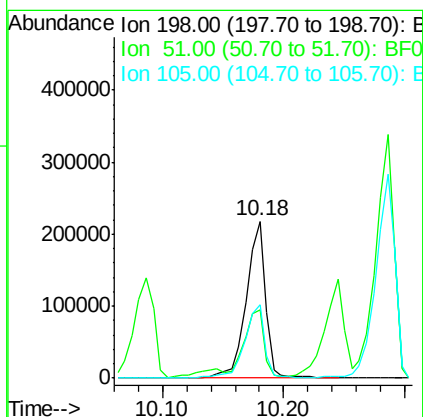
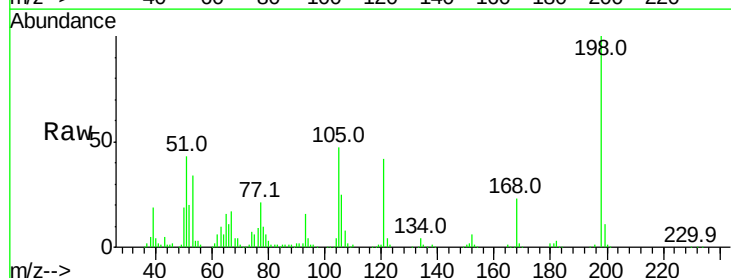
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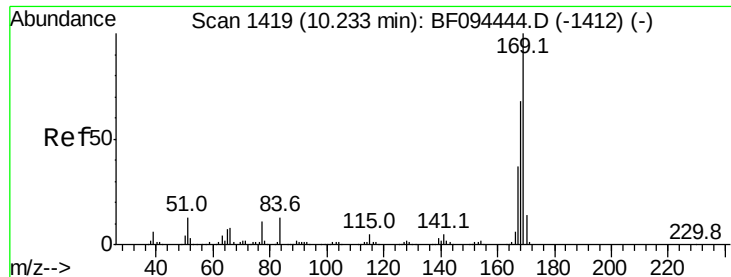
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#64
4,6-Dinitro-2-methylphenol
Concen: 87.46 ng
RT: 10.18 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.5	53.2	93.2#	
105	46.5	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 71.93 ng

RT: 10.25 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 1141859

Ion Ratio Lower Upper

169 100

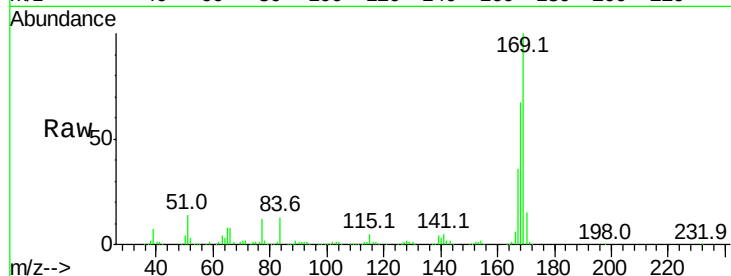
168 67.4 53.2 79.8

167 36.5 29.5 44.3

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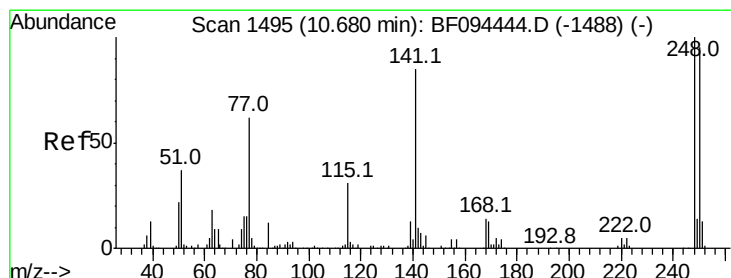
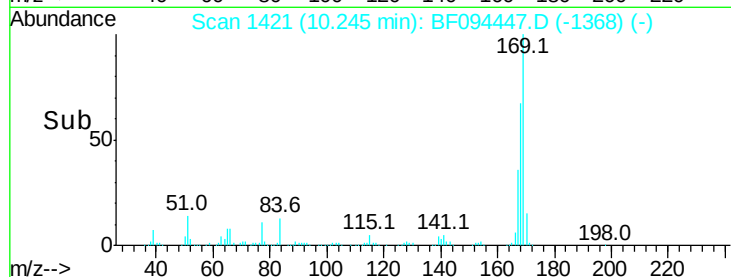
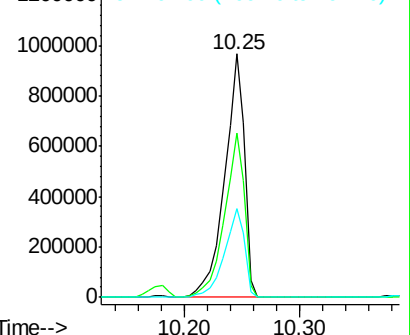
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 74.02 ng

RT: 10.69 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

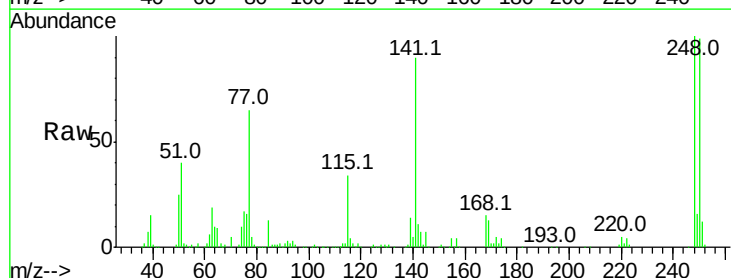
Tgt Ion:248 Resp: 334177

Ion Ratio Lower Upper

248 100

250 98.9 76.8 115.2

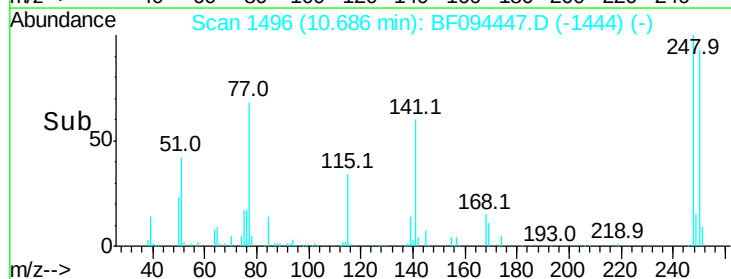
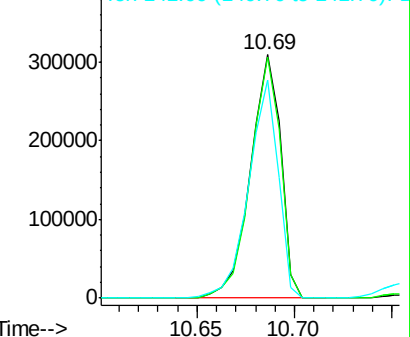
141 89.6 68.6 103.0

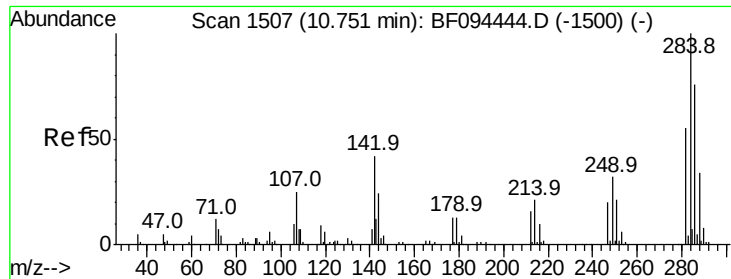


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 74.70 ng

RT: 10.76 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

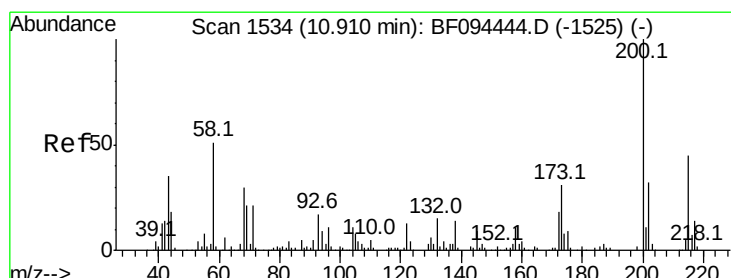
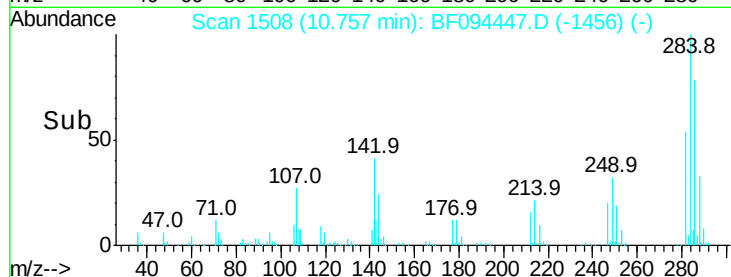
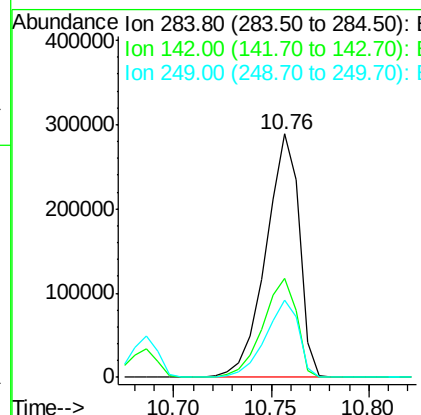
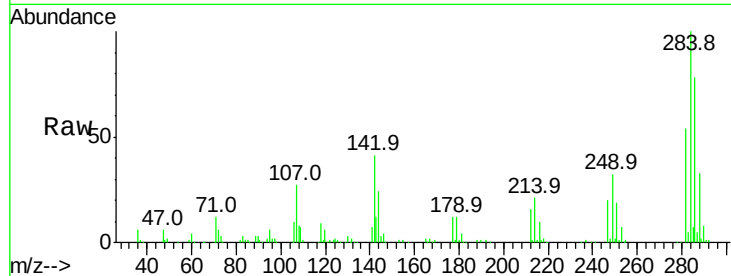
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
284	100	341406		
142	40.7	22.8	34.2#	
249	31.8	24.0	36.0	

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#68

Atrazine

Concen: 74.07 ng

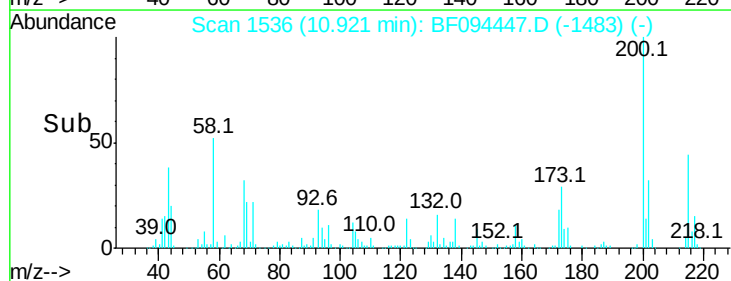
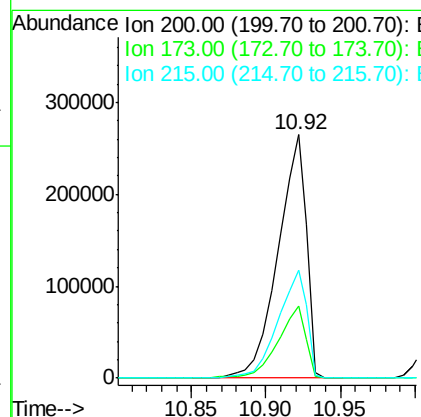
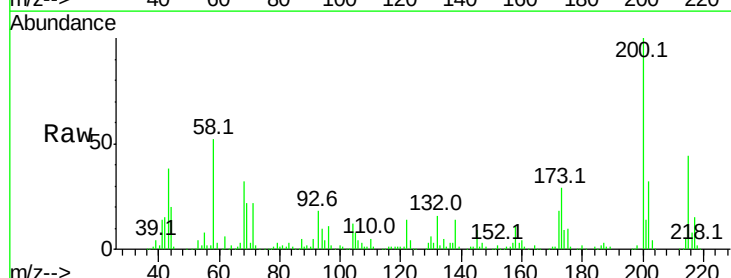
RT: 10.92 min Scan# 1536

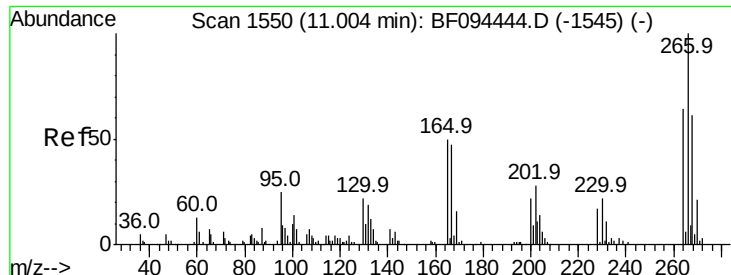
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	352181		
173	29.5	6.3	46.3	
215	44.1	27.2	67.2	





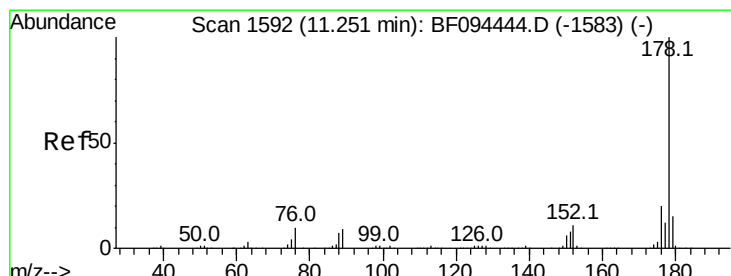
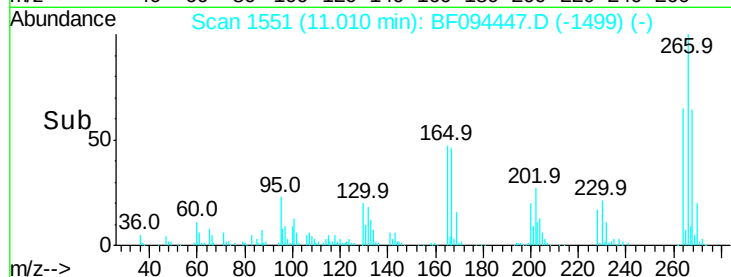
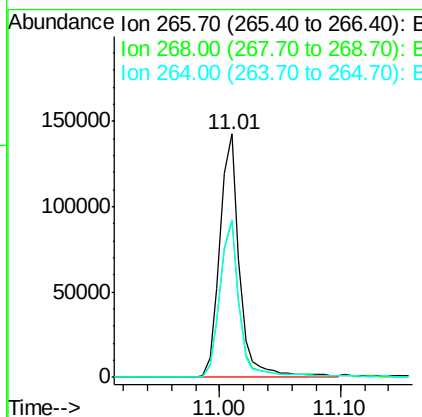
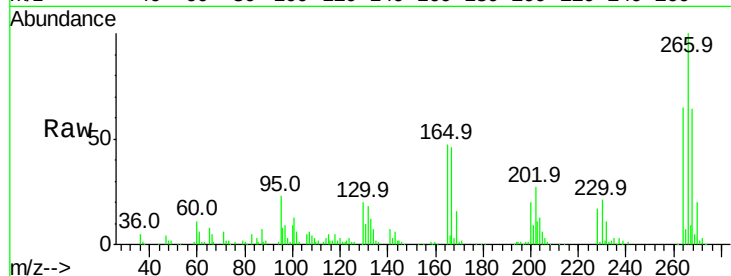
#69
 Pentachlorophenol
 Concen: 56.89 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	161832		
268	64.4	51.1	76.7	
264	64.6	51.7	77.5	

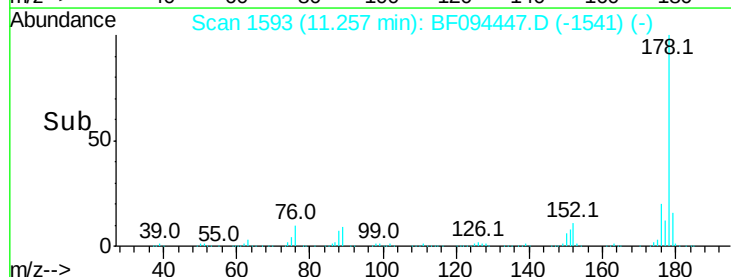
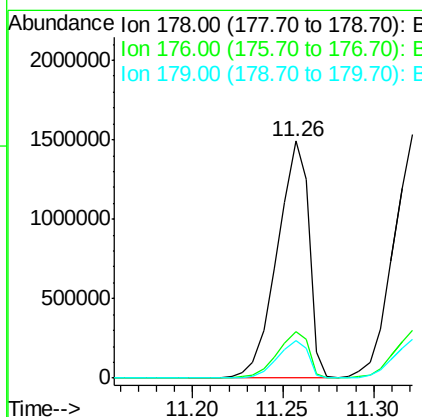
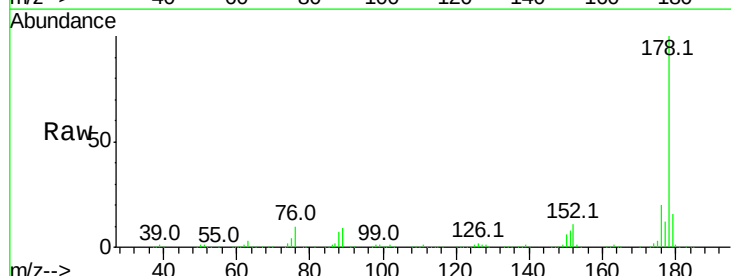
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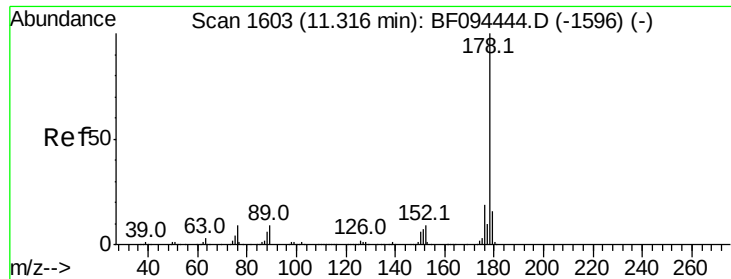
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#70
 Phenanthrene
 Concen: 71.28 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1820165		
176	19.6	16.2	24.4	
179	15.8	12.6	19.0	





#71

Anthracene

Concen: 71.48 ng

RT: 11.32 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 1879246

Ion Ratio Lower Upper

178 100

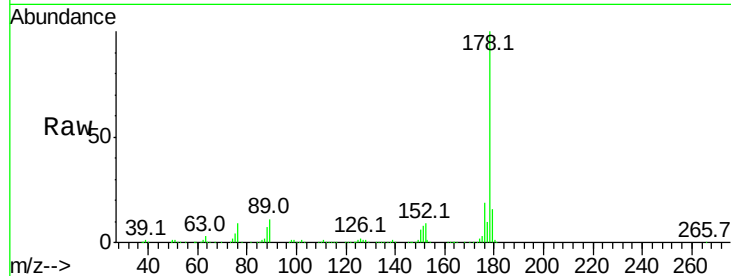
176 19.5 15.8 23.8

179 15.8 12.7 19.1

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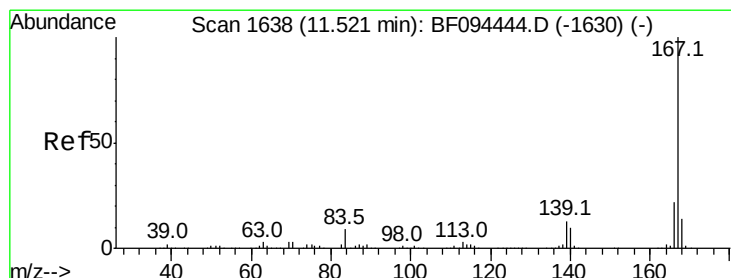
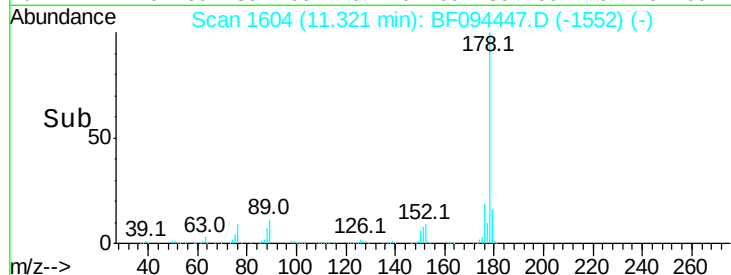
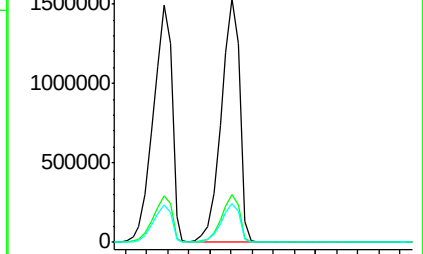
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 66.32 ng

RT: 11.53 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

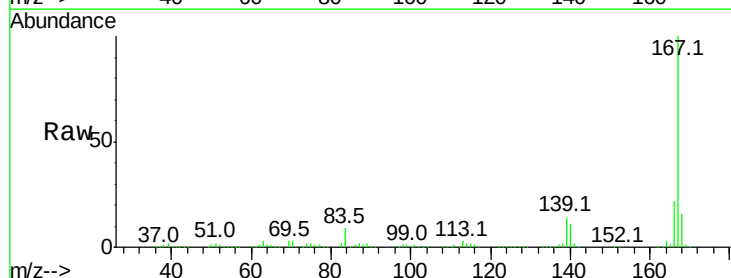
Tgt Ion:167 Resp: 1787893

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

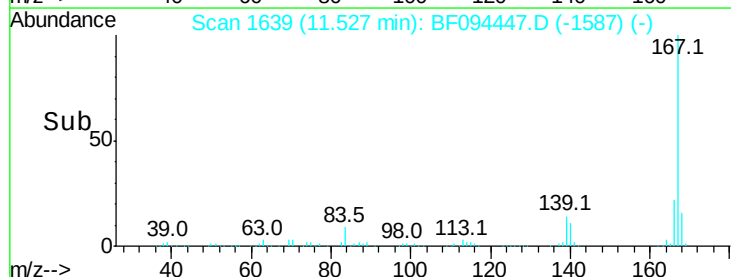
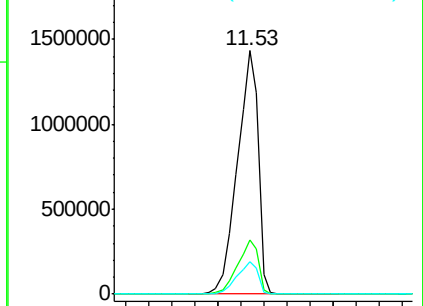
139 13.5 11.7 17.5

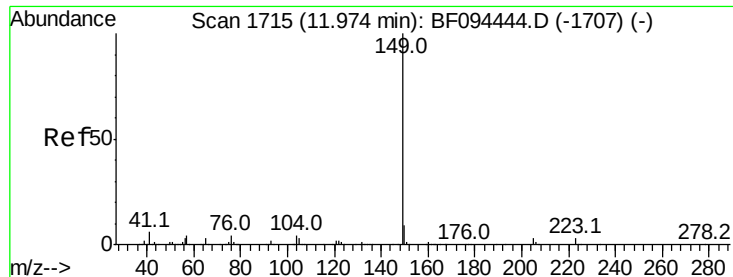


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 71.06 ng

RT: 11.97 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1992198

Ion Ratio Lower Upper

149 100

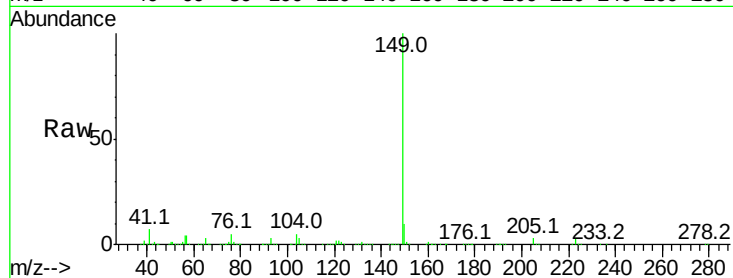
150 9.6 7.7 11.5

104 4.9 4.0 6.0

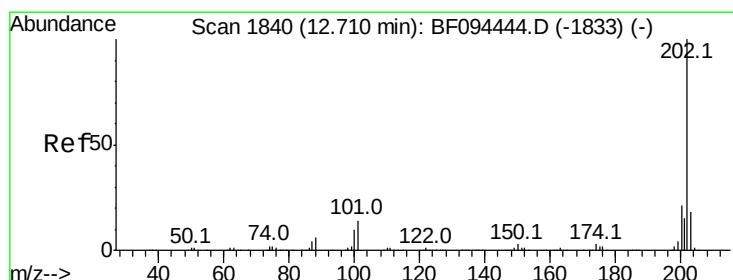
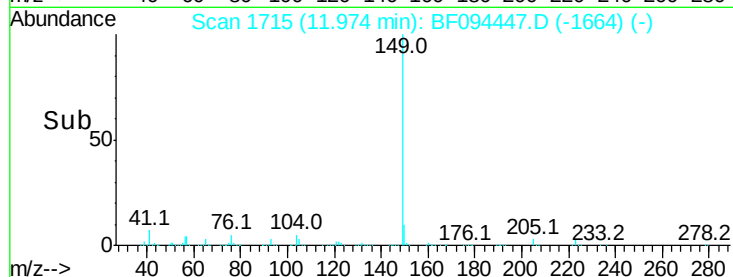
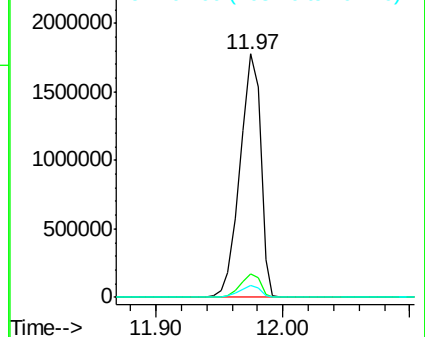
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 72.39 ng

RT: 12.72 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

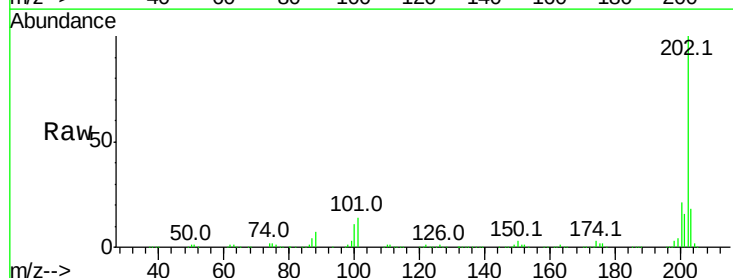
Tgt Ion:202 Resp: 1892746

Ion Ratio Lower Upper

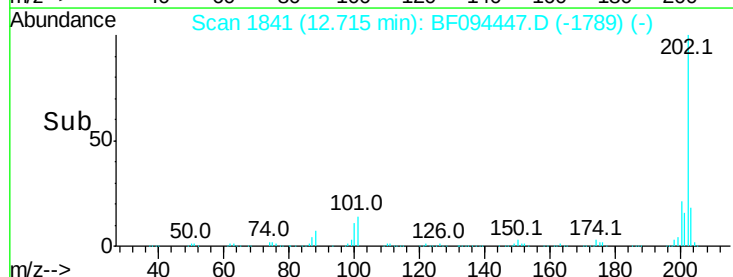
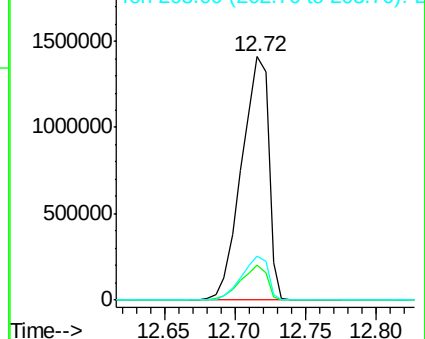
202 100

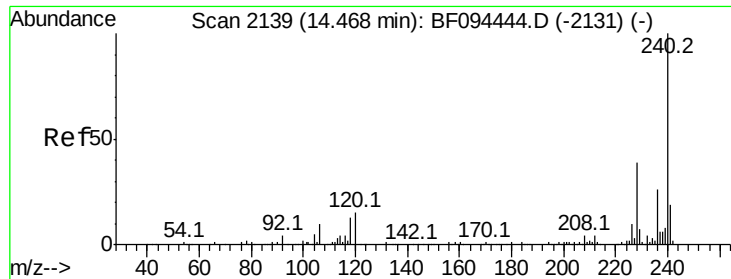
101 14.3 0.0 33.2

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





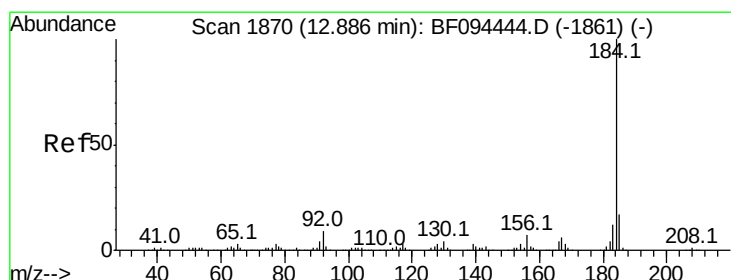
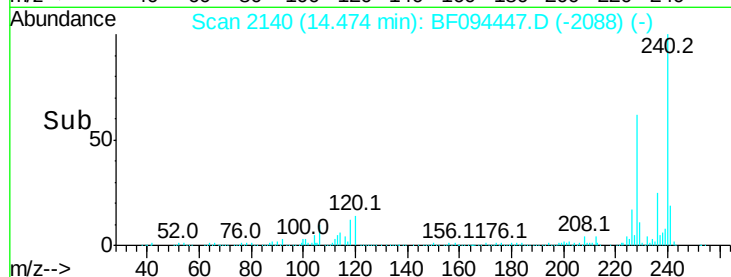
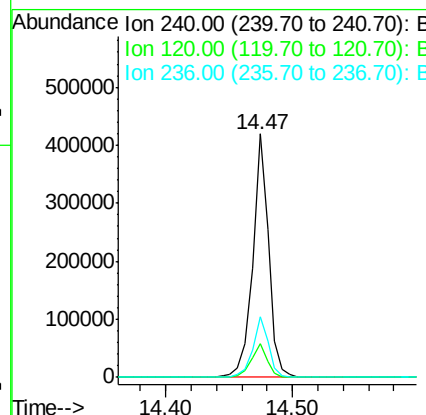
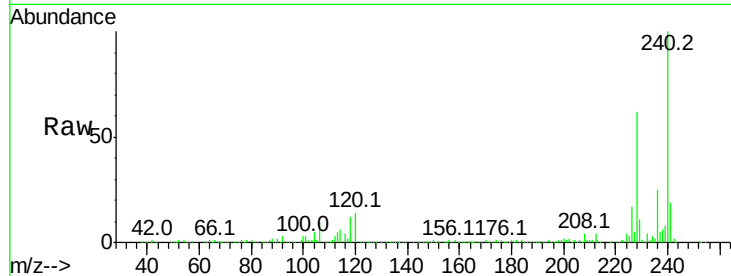
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	24.8	20.5	30.7

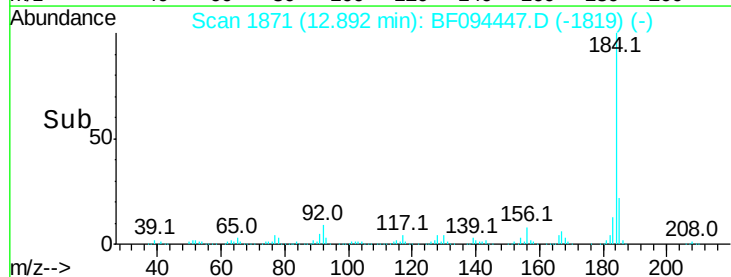
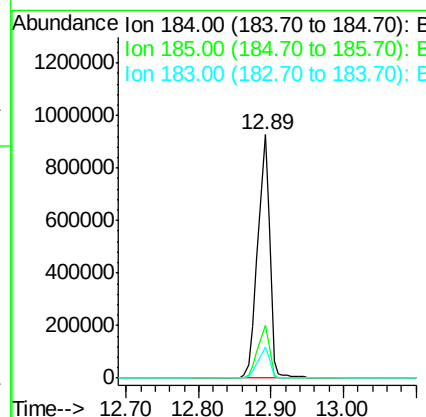
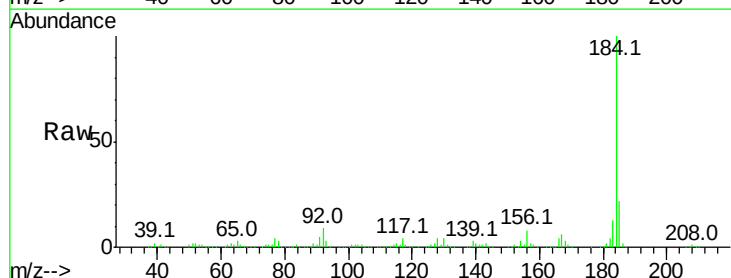
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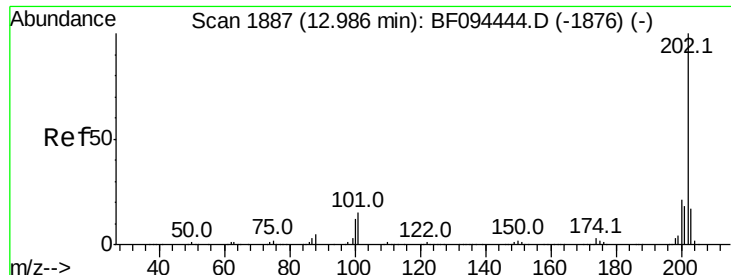
mohammad
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#76
Benzidine
Concen: 76.10 ng
RT: 12.89 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.5	15.5	23.3
183	12.6	9.8	14.6





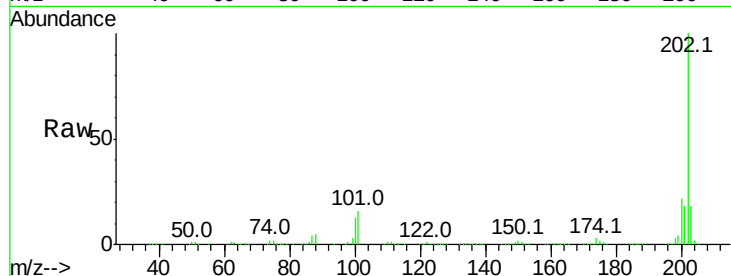
#77
Pvrene
Concen: 72.87 ng
RT: 12.99 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

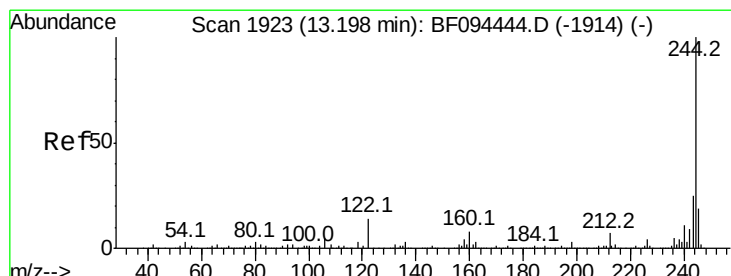
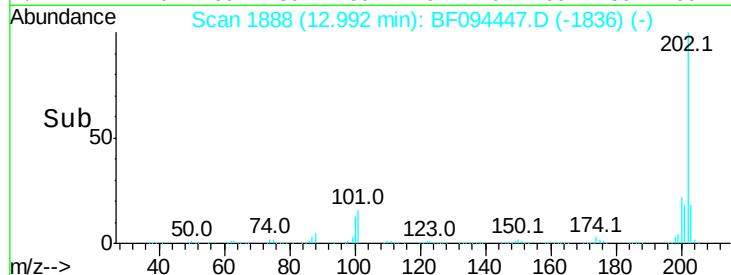
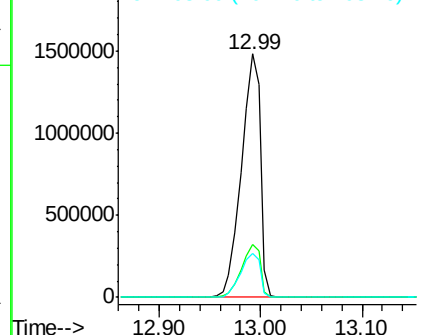
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.1	14.4	21.6

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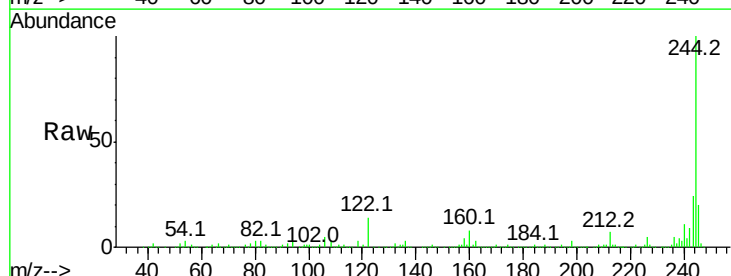


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

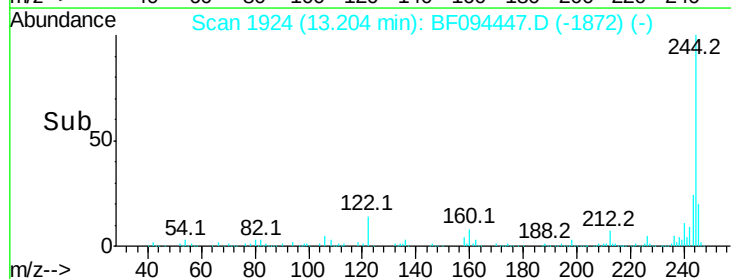
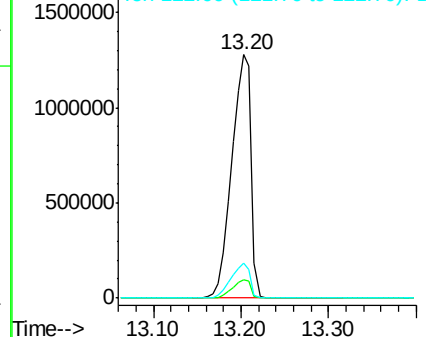


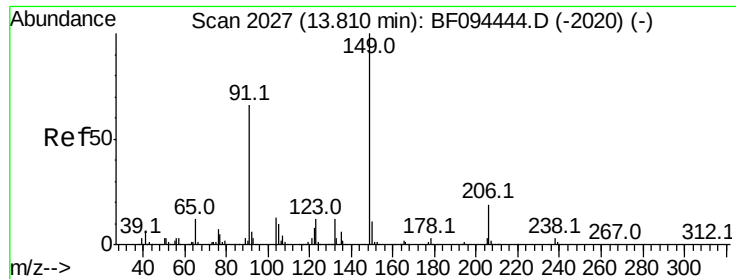
#78
Terphenyl-d14
Concen: 118.90 ng
RT: 13.20 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.2	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 78.82 ng

RT: 13.81 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

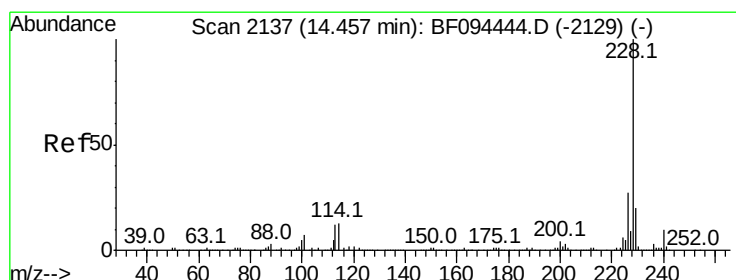
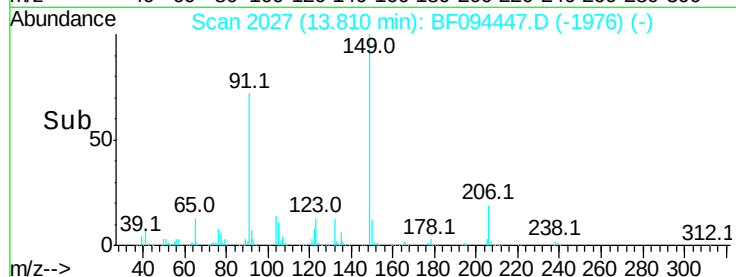
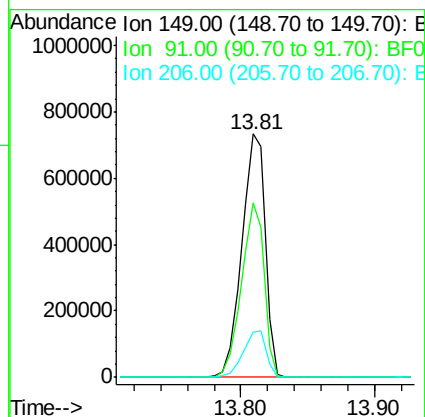
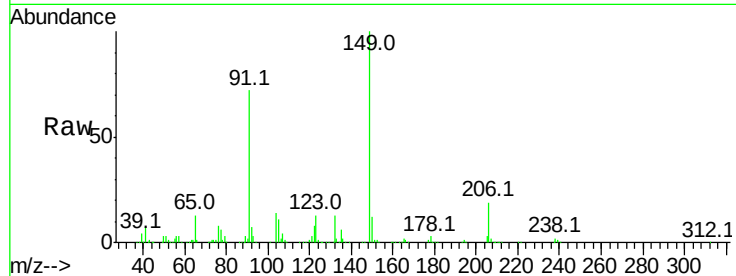
ClientSampleId :

SSTDICC080

Tot Ion:	149	Resp:	886585
Ion Ratio	Lower	Upper	
149	100		
91	71.6	45.0	67.4#
206	18.6	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 72.86 ng

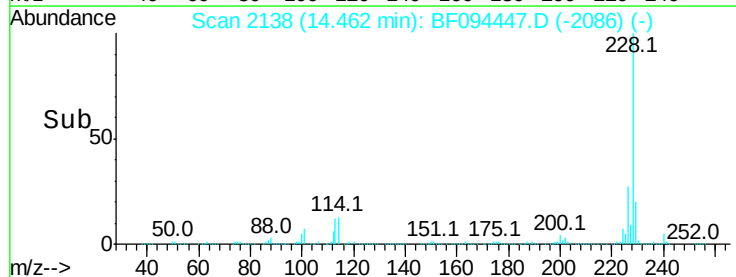
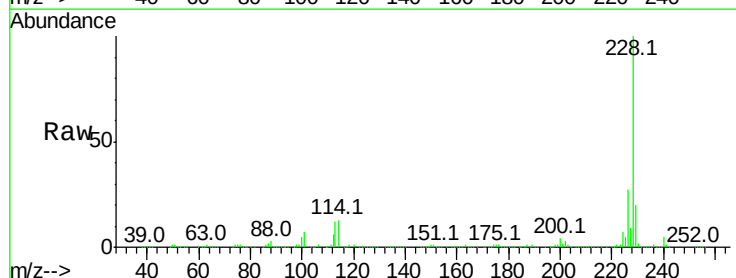
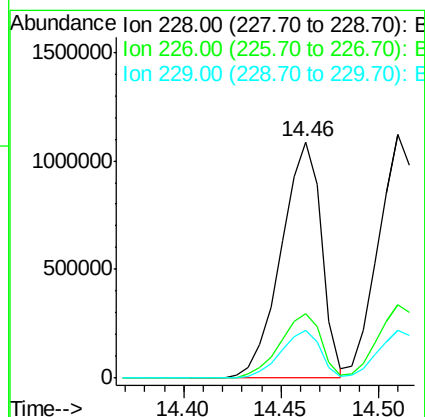
RT: 14.46 min Scan# 2138

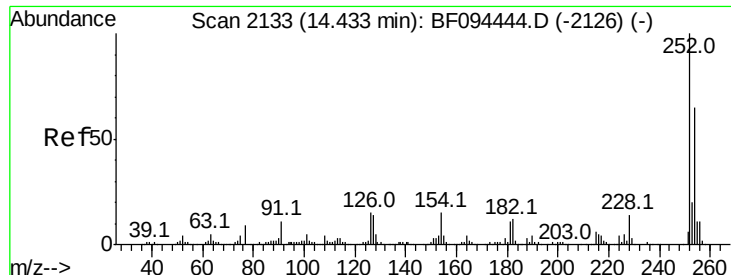
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:	228	Resp:	1545475
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	20.3	16.3	24.5





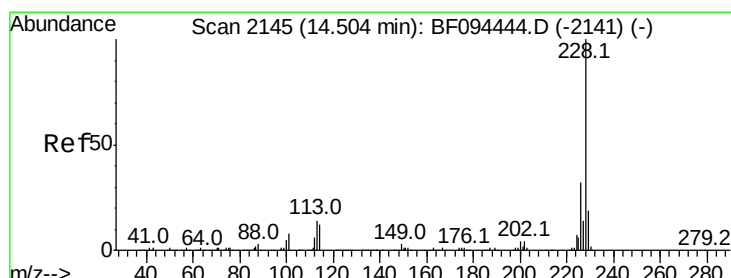
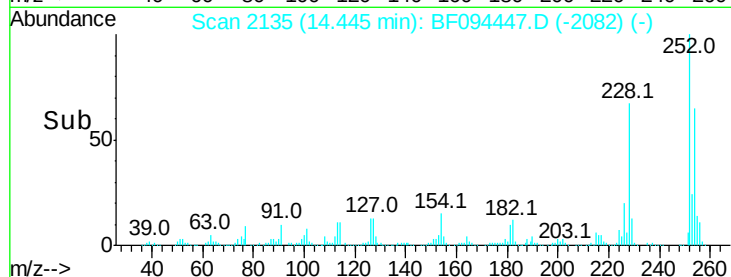
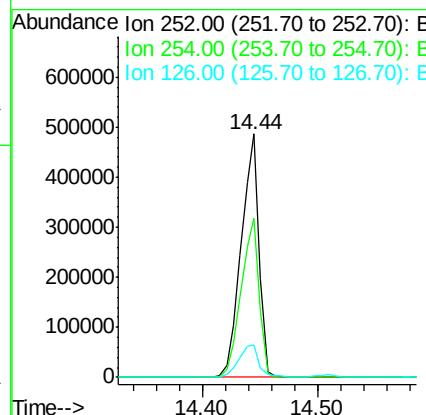
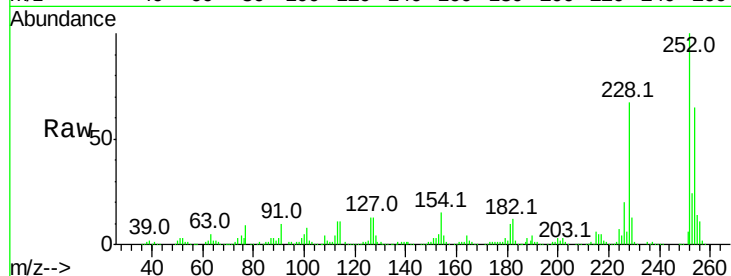
#81
 3,3'-Dichlorobenzidine
 Concen: 68.80 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	51.5	77.3
126	13.3	15.8	23.8

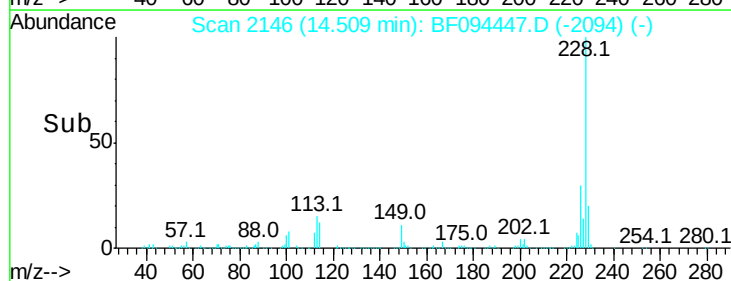
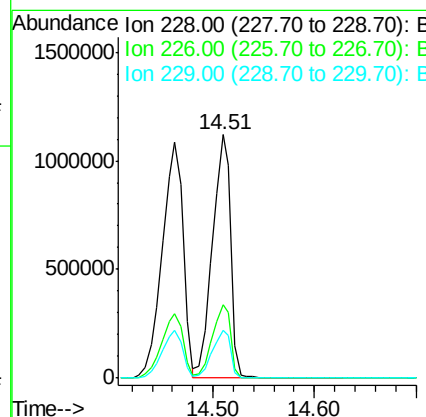
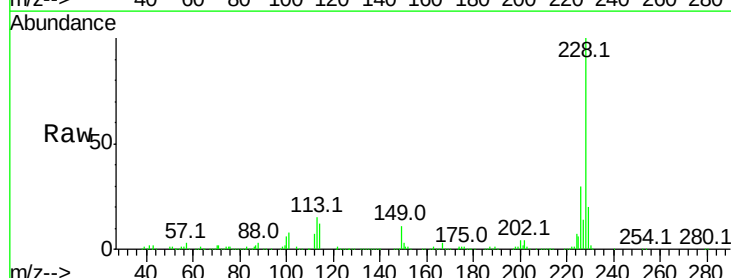
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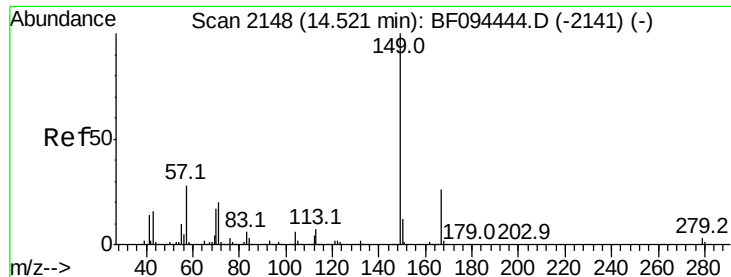
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#82
 Chrysene
 Concen: 70.91 ng
 RT: 14.51 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.9	37.3
229	19.9	15.8	23.6





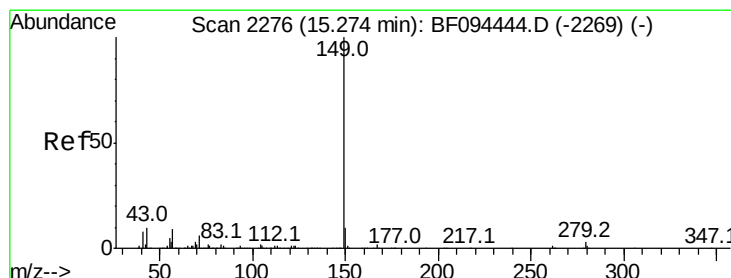
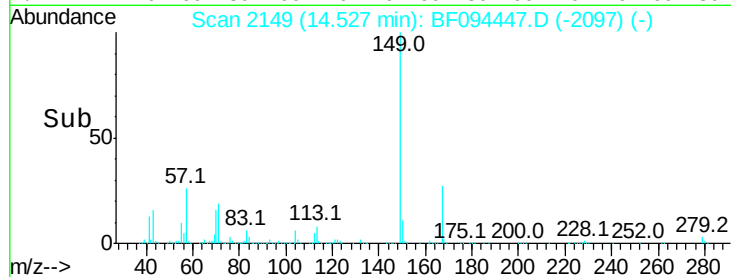
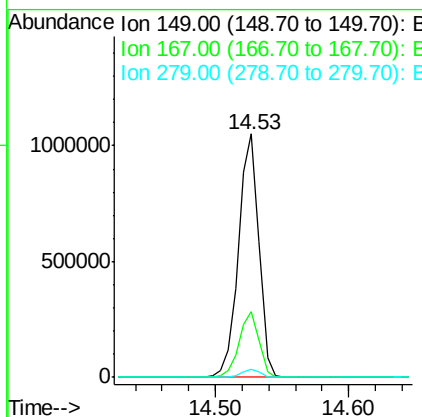
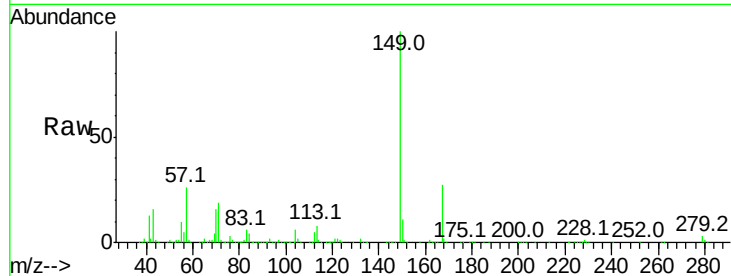
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 72.69 ng
 RT: 14.53 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.2	1.9	2.9

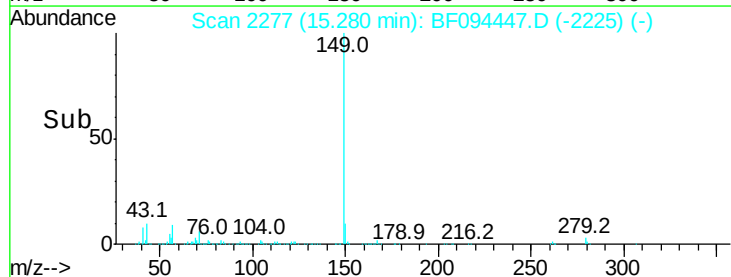
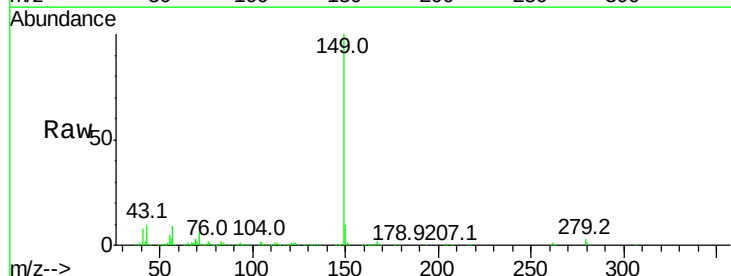
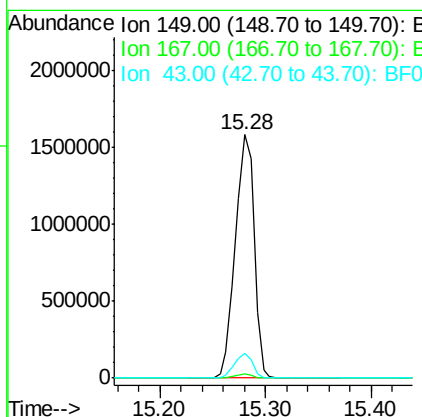
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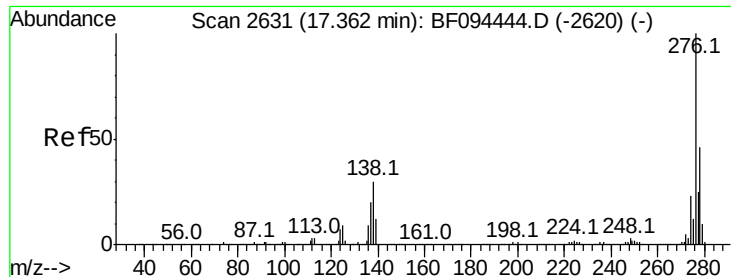
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#84
 Di-n-octyl phthalate
 Concen: 75.40 ng
 RT: 15.28 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 77.66 ng

RT: 17.37 min Scan# 2633

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:276 Resp: 1324002

Ion Ratio Lower Upper

276 100

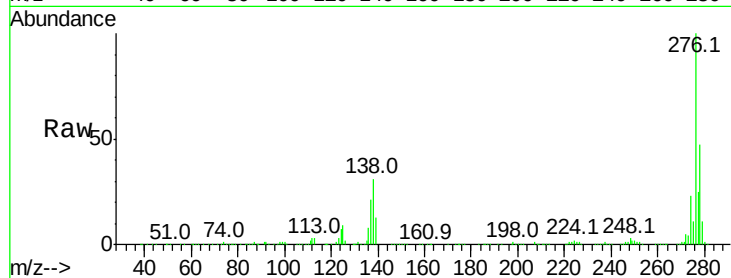
138 34.1 27.8 41.6

277 25.5 20.2 30.4

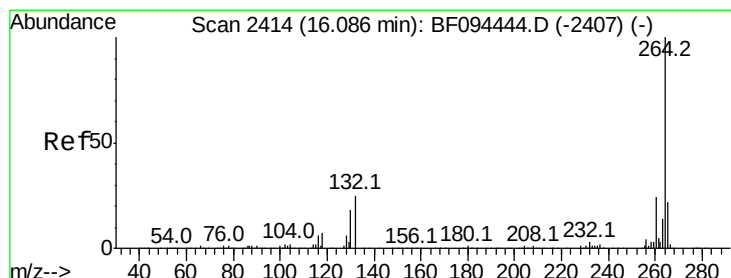
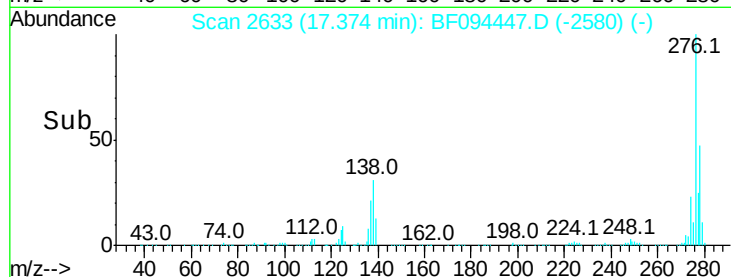
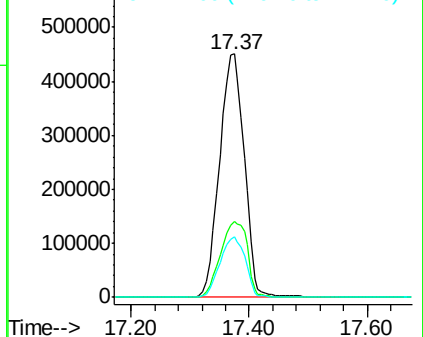
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

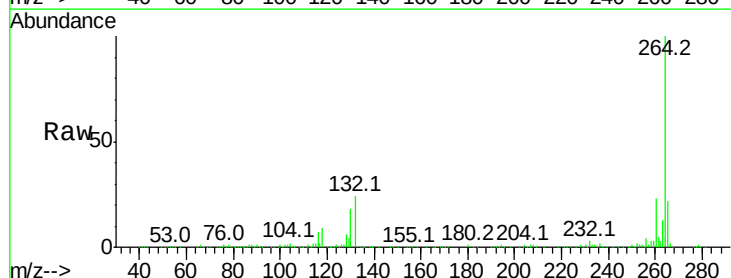
Tgt Ion:264 Resp: 303217

Ion Ratio Lower Upper

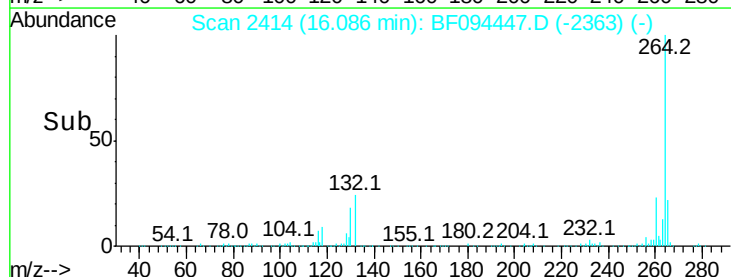
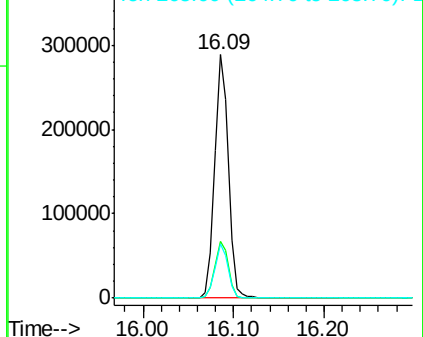
264 100

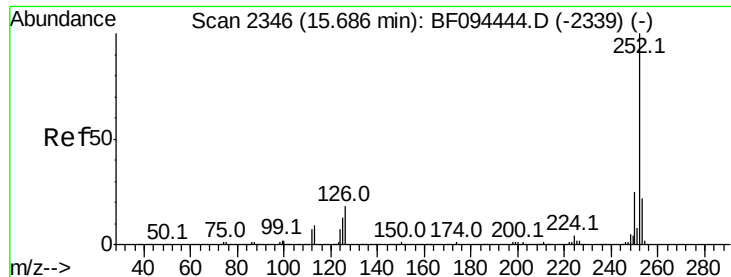
260 23.3 19.5 29.3

265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





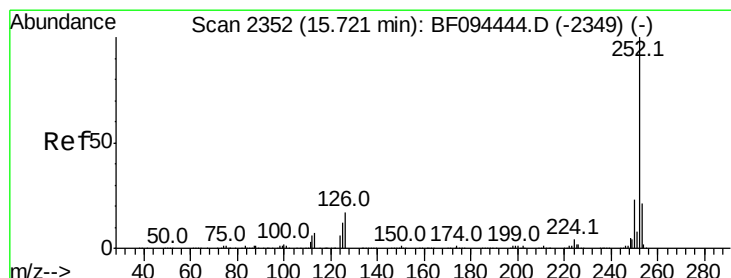
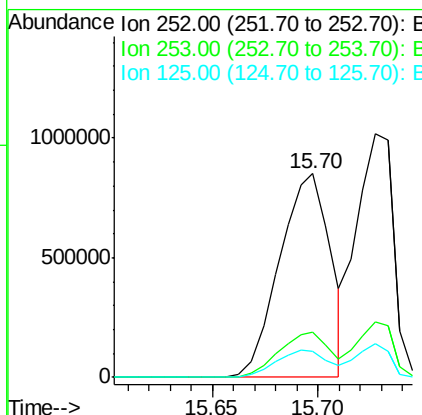
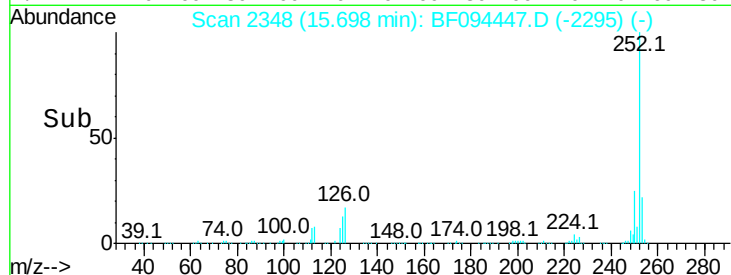
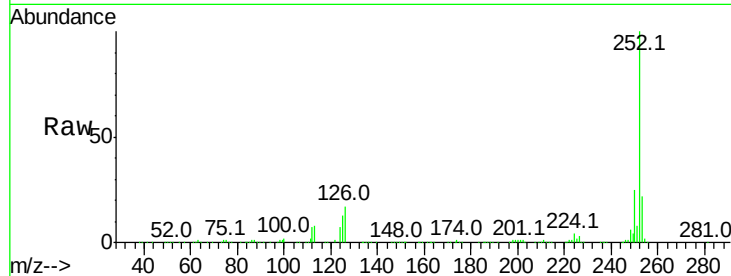
#87
Benzo(b)fluoranthene
Concen: 76.58 ng
RT: 15.70 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:252 Resp: 1423243
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.1 9.8 14.8

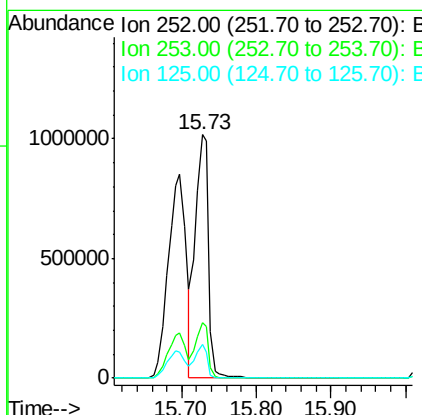
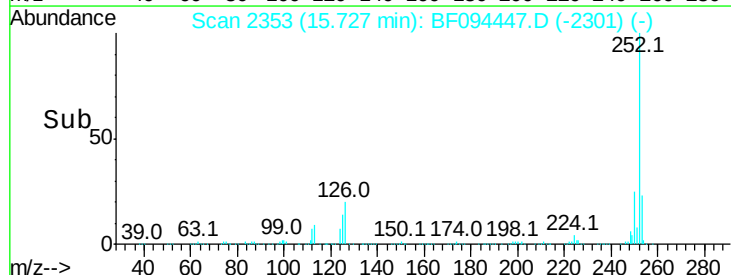
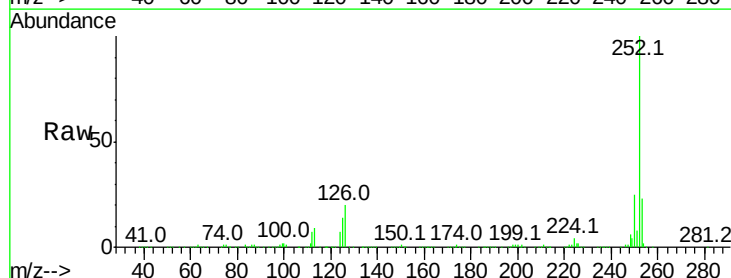
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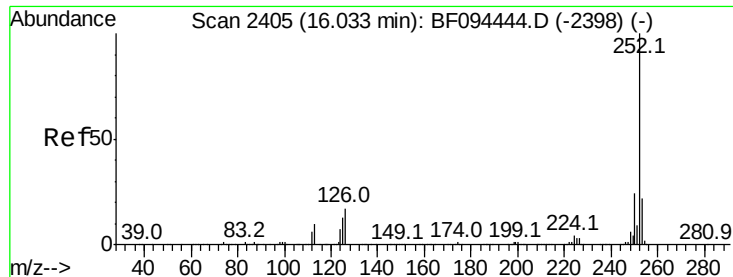
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#88
Benzo(k)fluoranthene
Concen: 69.65 ng
RT: 15.73 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion:252 Resp: 1266628
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 13.7 13.1 19.7





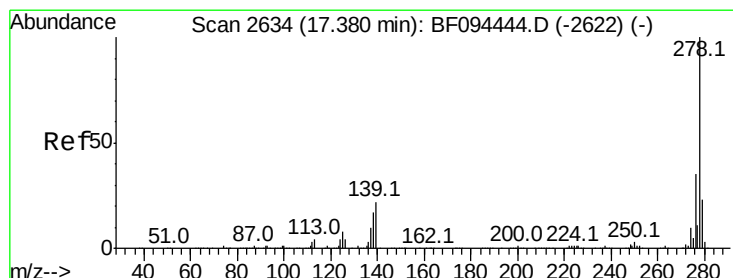
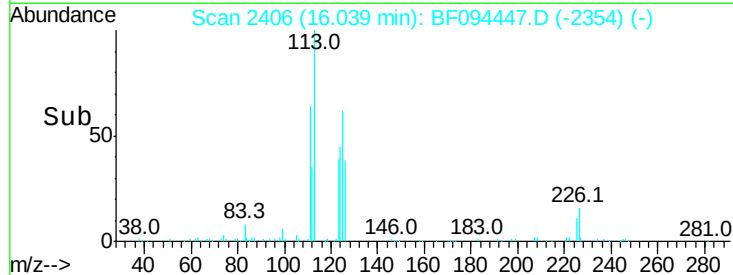
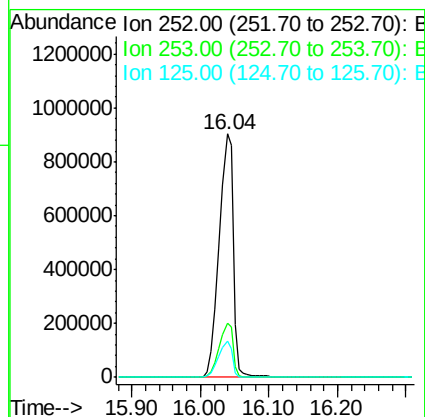
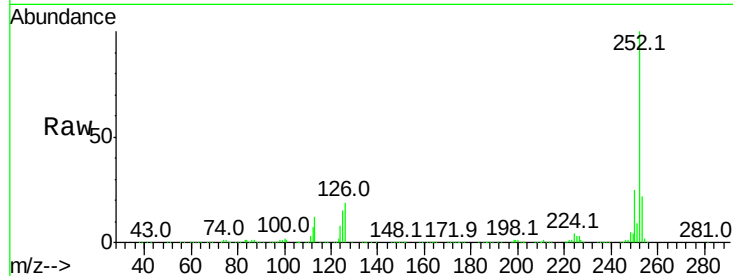
#89
Benzo(a)pyrene
Concen: 74.90 ng
RT: 16.04 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.9	11.0	16.4

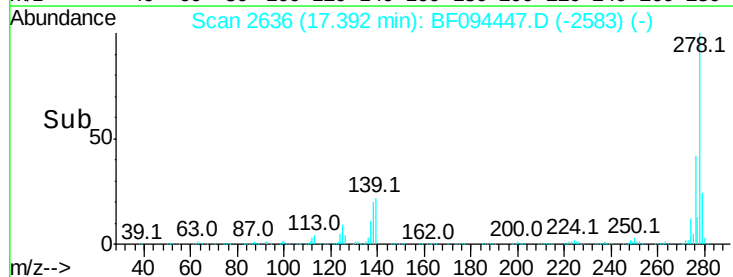
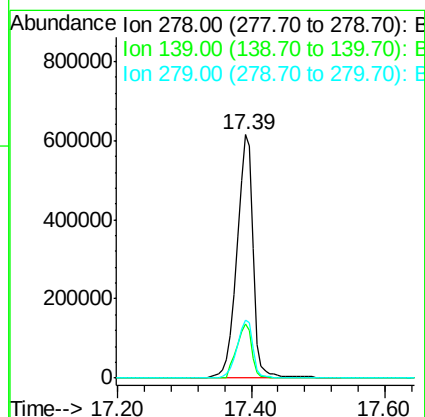
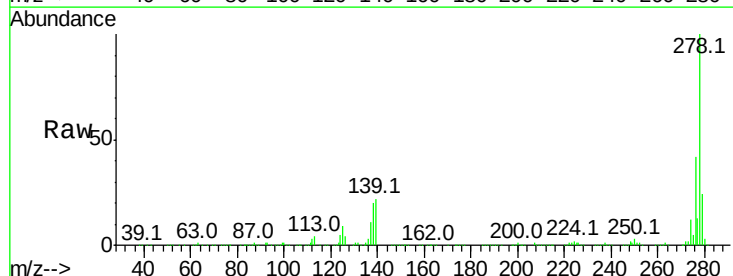
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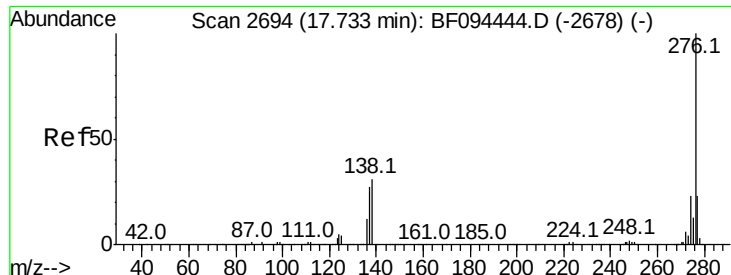
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#90
Dibenzo(a,h)anthracene
Concen: 73.25 ng
RT: 17.39 min Scan# 2636
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 76.47 ng
 RT: 17.75 min Scan# 2697
 Delta R.T. 0.02 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
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