

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094698.D
 Acq On : 28 Apr 2017 21:53
 Operator : SJ/MA
 Sample : I2873-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Manual Integrations
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mohammad
 5/1/2017 6:36:23 PM

Quant Time: Apr 29 02:55:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108443	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	419016	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	174897	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	274799	20.00	ng	0.00
75) Chrysene-d12	14.48	240	208678	20.00	ng	0.00
86) Perylene-d12	16.10	264	166941	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	763468	116.80	ng	0.03
7) Phenol-d6	5.41	99	903910	117.30	ng	0.01
23) Nitrobenzene-d5	6.42	82	555971	81.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	157353	115.02	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	947225	79.69	ng	0.00
78) Terphenyl-d14	13.20	244	651058	83.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	102114	26.86	ng	95
3) Pyridine	2.68	79	266204	32.04	ng	99
4) n-Nitrosodimethylamine	2.63	42	126420	36.77	ng	89
6) Aniline	5.41	93	222542	21.73	ng	# 69
8) 2-Chlorophenol	5.55	128	291261	39.16	ng	94
9) Benzaldehyde	5.28	77	74333	12.68	ng	99
10) Phenol	5.42	94	366600	38.73	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	269696	39.00	ng	97
12) 1,3-Dichlorobenzene	5.71	146	310937	37.73	ng	99
13) 1,4-Dichlorobenzene	5.79	146	322669	38.92	ng	94
14) 1,2-Dichlorobenzene	5.97	146	291865	38.22	ng	97
15) Benzyl Alcohol	5.95	79	219433	38.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	347638	38.34	ng	# 44
17) 2-Methylphenol	6.10	107	231445	39.51	ng	# 92
18) Hexachloroethane	6.35	117	90863	31.97	ng	# 82
19) n-Nitroso-di-n-propylamine	6.26	70	201973	39.56	ng	96
20) 3+4-Methylphenols	6.28	107	324486	40.76	ng	# 61
22) Acetophenone	6.25	105	409975	40.24	ng	# 84
24) Nitrobenzene	6.44	77	285838	40.00	ng	94
25) Isophorone	6.73	82	508985	40.46	ng	96
26) 2-Nitrophenol	6.82	139	142697	37.17	ng	97
27) 2,4-Dimethylphenol	6.90	122	251190	40.28	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	328842	40.41	ng	99
29) 2,4-Dichlorophenol	7.12	162	238653	41.14	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	234432	39.09	ng	98
31) Naphthalene	7.29	128	804187	39.92	ng	99
32) Benzoic acid	7.02	122	12269	3.72	ng	90
33) 4-Chloroaniline	7.37	127	70486	8.41	ng	# 90
34) Hexachlorobutadiene	7.44	225	120182	40.19	ng	98
35) Caprolactam	7.82	113	69512m	38.14	ng	
36) 4-Chloro-3-methylphenol	8.00	107	241209	39.68	ng	86
37) 2-Methylnaphthalene	8.13	142	543071	39.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	210583	42.28	ng	99
40) Hexachlorocyclopentadiene	8.32	237	52919	26.27	ng	97

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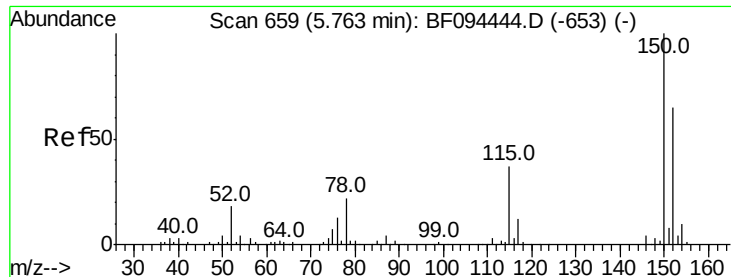
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	151505	43.32	nq	94
43) 2,4,5-Trichlorophenol	8.55	196	150833	42.00	nq	94
45) 1,1'-Biphenyl	8.70	154	605807	42.39	nq	98
46) 2-Chloronaphthalene	8.72	162	466198	41.03	nq	95
47) 2-Nitroaniline	8.87	65	137620	42.10	nq	# 80
48) Acenaphthylene	9.22	152	716588	40.46	nq	99
49) Dimethylphthalate	9.10	163	607514	46.61	nq	99
50) 2,6-Dinitrotoluene	9.17	165	114155	39.02	nq	# 89
51) Acenaphthene	9.44	154	427281	40.28	nq	99
52) 3-Nitroaniline	9.37	138	89846	26.54	nq	90
53) 2,4-Dinitrophenol	9.52	184	12081	12.82	nq	# 71
54) Dibenzofuran	9.65	168	624424	40.50	nq	96
55) 4-Nitrophenol	9.64	139	124649m	52.13	nq	
56) 2,4-Dinitrotoluene	9.67	165	138315	38.53	nq	# 83
57) Fluorene	10.08	166	475173	39.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	103714	40.29	nq	97
59) Diethylphthalate	9.97	149	519171	42.22	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	208134	41.65	nq	91
61) 4-Nitroaniline	10.12	138	109527	31.83	nq	95
62) Azobenzene	10.28	77	462627	38.74	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	23214	12.89	nq	# 72
65) n-Nitrosodiphenylamine	10.24	169	426735	44.65	nq	100
66) 4-Bromophenyl-phenylether	10.68	248	119271	43.71	nq	98
67) Hexachlorobenzene	10.75	284	117326	42.67	nq	# 90
68) Atrazine	10.91	200	119954	41.96	nq	98
69) Pentachlorophenol	11.01	266	96372	88.26	nq	96
70) Phenanthrene	11.25	178	733640	47.41	nq	98
71) Anthracene	11.32	178	666397	41.63	nq	98
72) Carbazole	11.52	167	596726	39.72	nq	98
73) Di-n-butylphthalate	11.97	149	762090	46.07	nq	99
74) Fluoranthene	12.71	202	761355	47.47	nq	98
76) Benzidine	12.90	184	303401	35.91	nq	# 93
77) Pyrene	12.99	202	753315	51.67	nq	99
79) Butylbenzylphthalate	13.81	149	289872	45.37	nq	# 87
80) Benzo(a)anthracene	14.47	228	550676	45.40	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	149313	34.78	nq	# 95
82) Chrysene	14.51	228	492646	44.44	nq	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	407402	47.49	nq	# 100
84) Di-n-octyl phthalate	15.28	149	661644	45.98	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	396247	37.57	nq	99
87) Benzo(b)fluoranthene	15.71	252	490471	48.03	nq	99
88) Benzo(k)fluoranthene	15.73	252	397846	41.17	nq	97
89) Benzo(a)pyrene	16.05	252	418679	44.07	nq	99
90) Dibenzo(a,h)anthracene	17.41	278	322624	40.90	nq	99
91) Benzo(g,h,i)perylene	17.77	276	330237	41.12	nq	96

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



#1

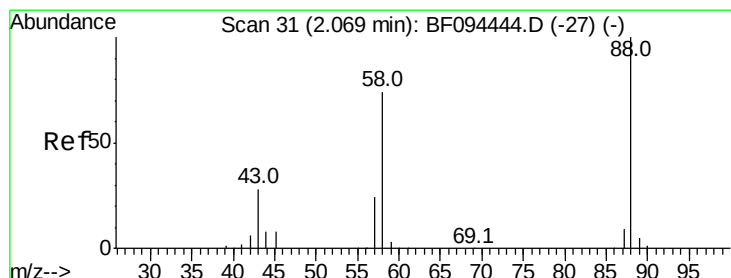
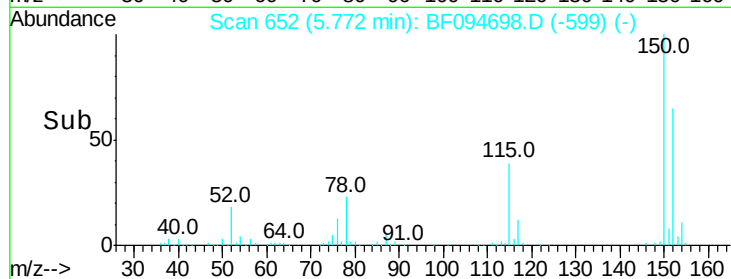
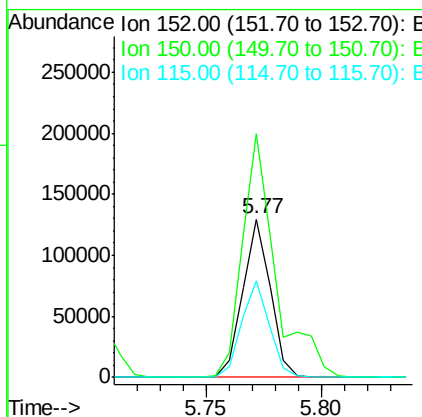
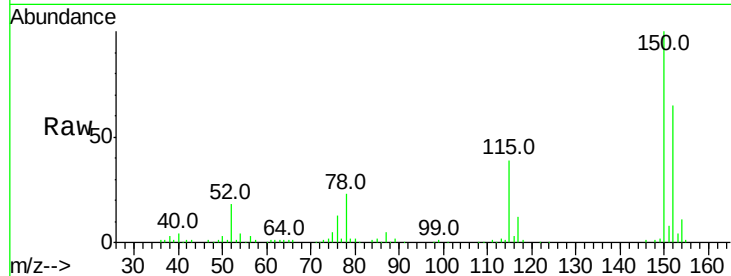
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	60.7	52.2	78.2

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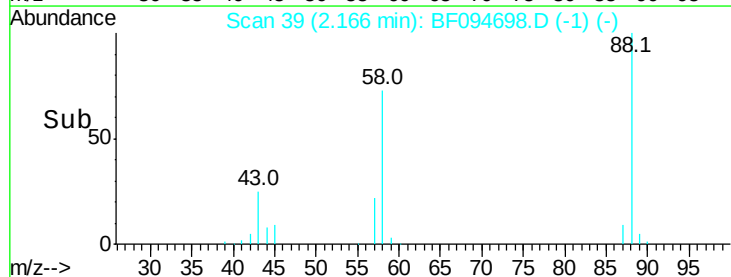
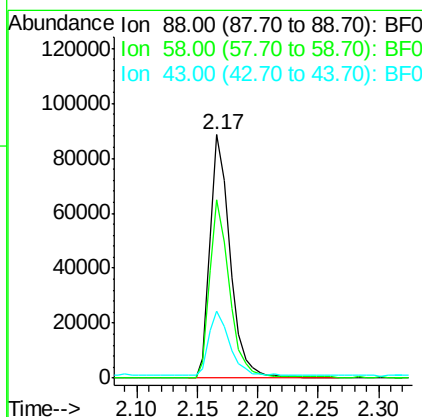
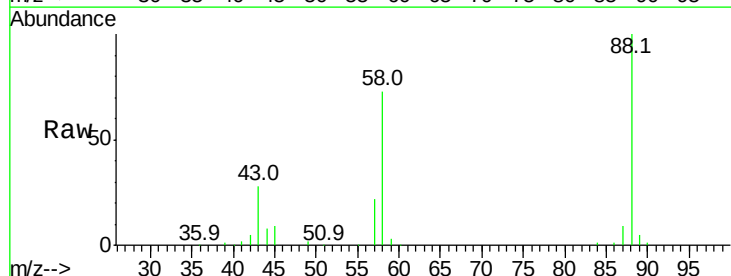
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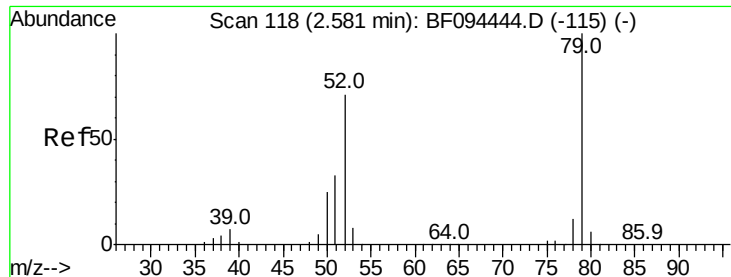


#2

1,4-Dioxane
Concen: 26.86 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	61.4	92.0
43	28.0	23.4	35.0





#3

Pvridine

Concen: 32.04 ng

RT: 2.68 min Scan# 127

Delta R.T. 0.10 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

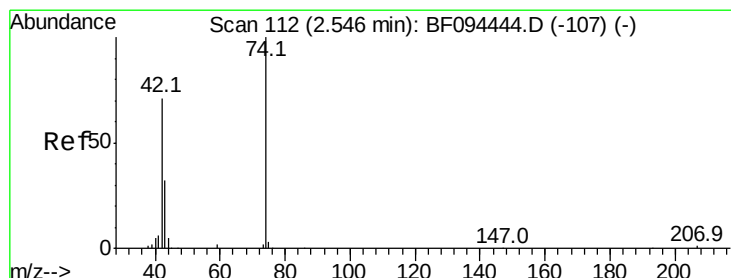
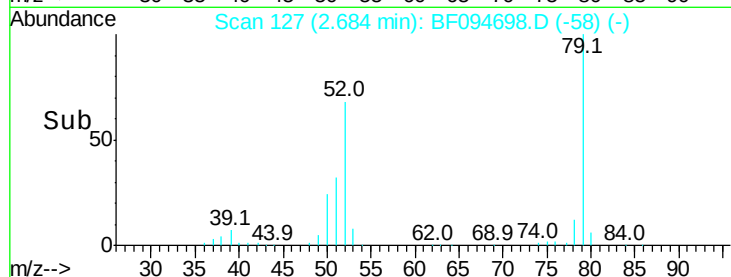
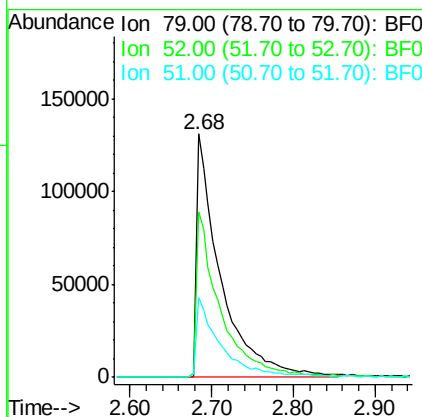
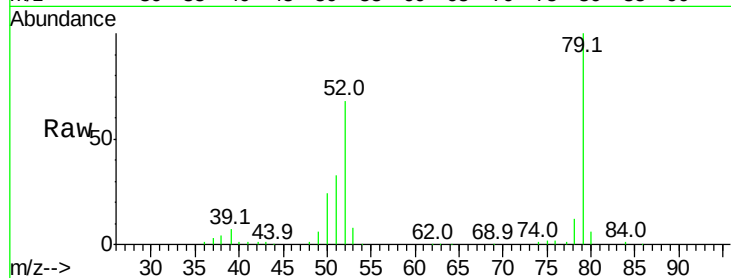
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:	79	Resp:	266204
Ion Ratio	Lower	Upper	
79	100		
52	68.1	54.8	82.2
51	32.6	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.77 ng

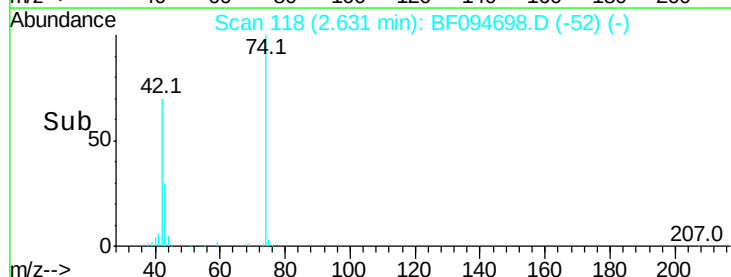
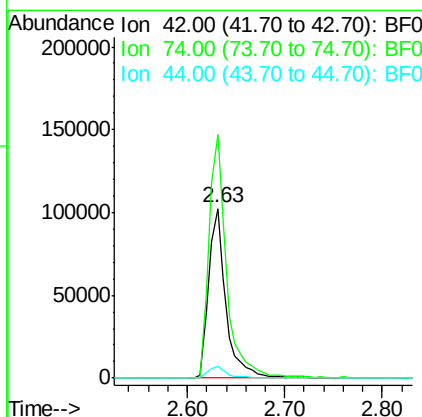
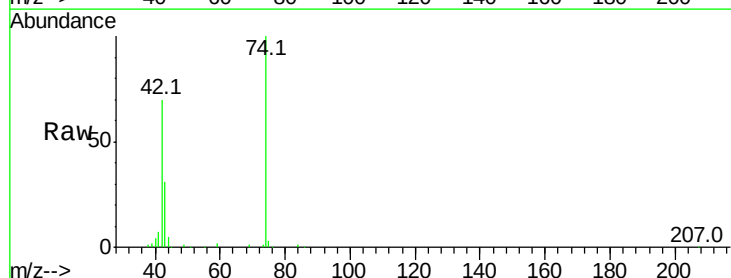
RT: 2.63 min Scan# 118

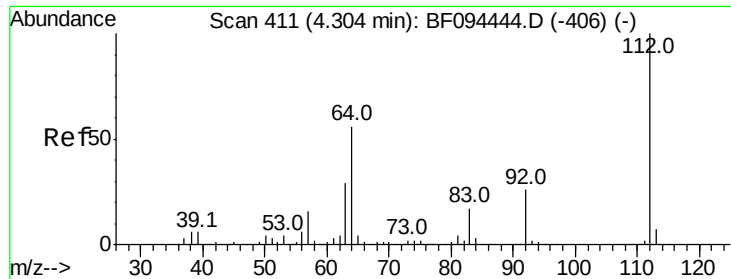
Delta R.T. 0.09 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:	42	Resp:	126420
Ion Ratio	Lower	Upper	
42	100		
74	143.4	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 116.80 ng

RT: 4.34 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

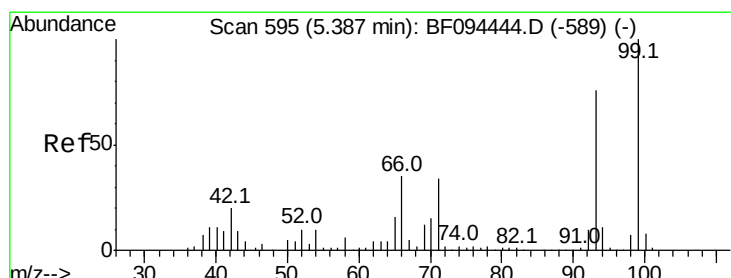
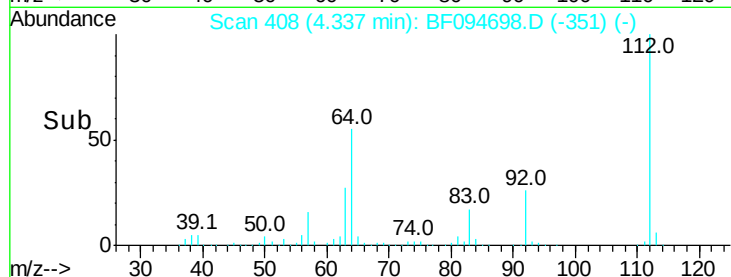
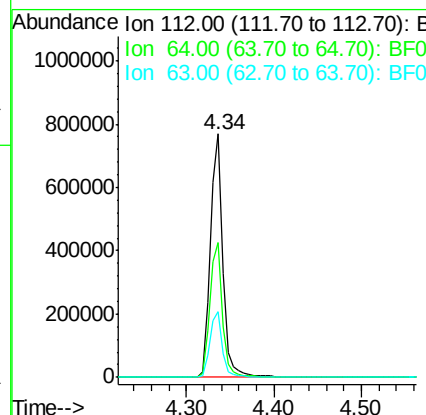
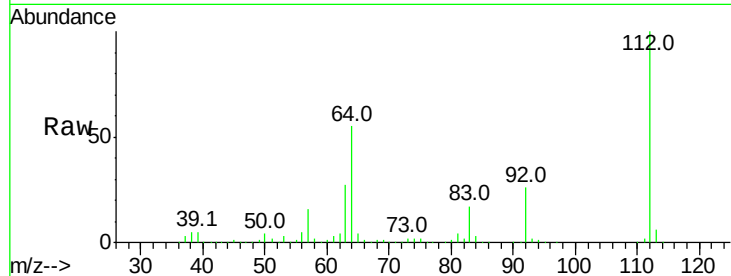
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:	112	Resp:	763468
Ion Ratio	Lower	Upper	
112	100		
64	55.3	46.0	69.0
63	27.1	23.4	35.0

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#6

Aniline

Concen: 21.73 ng

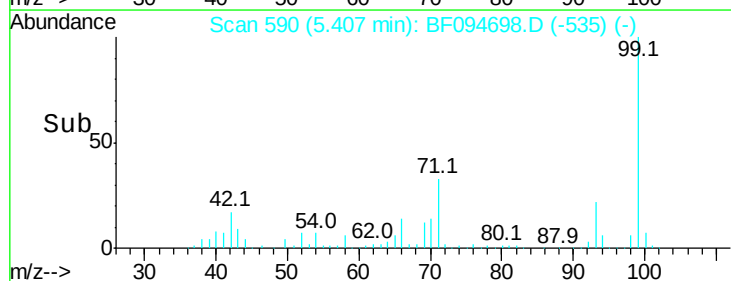
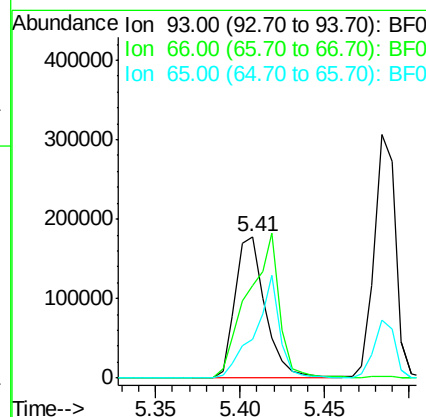
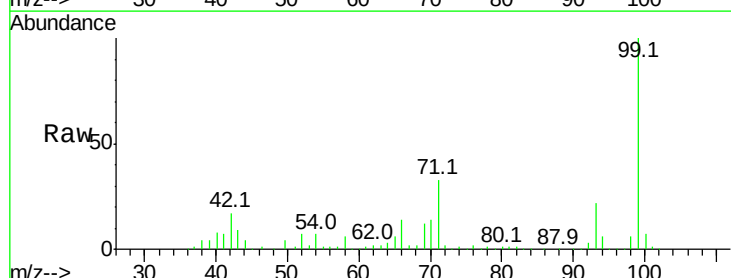
RT: 5.41 min Scan# 590

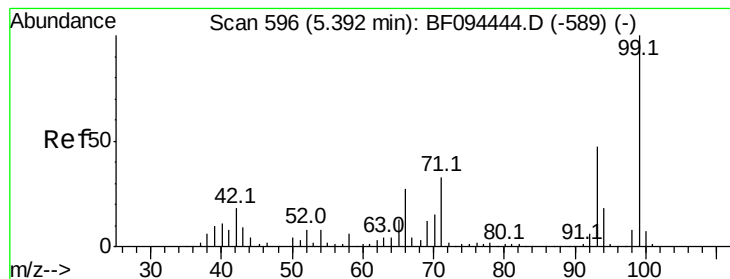
Delta R.T. 0.02 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:	93	Resp:	222542
Ion Ratio	Lower	Upper	
93	100		
66	65.6	32.9	49.3#
65	27.1	16.0	24.0#





#7

Phenol-d6

Concen: 117.30 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

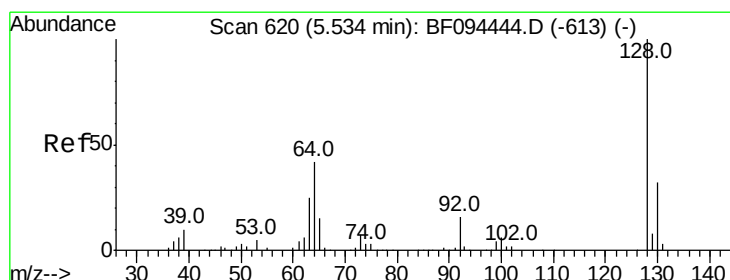
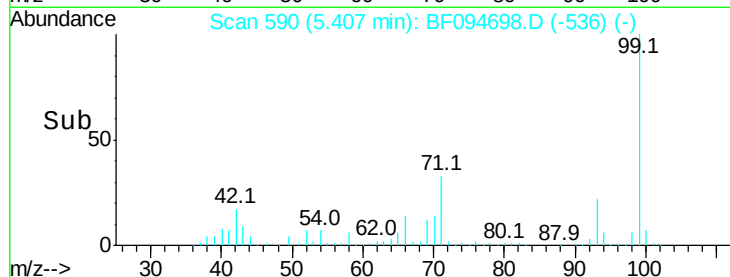
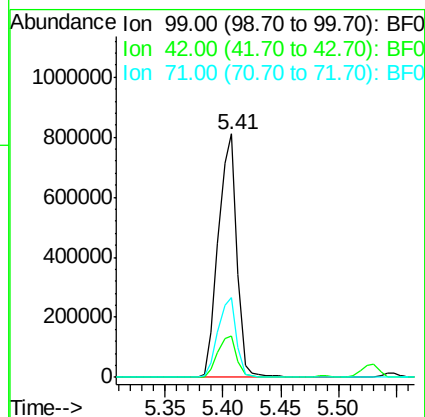
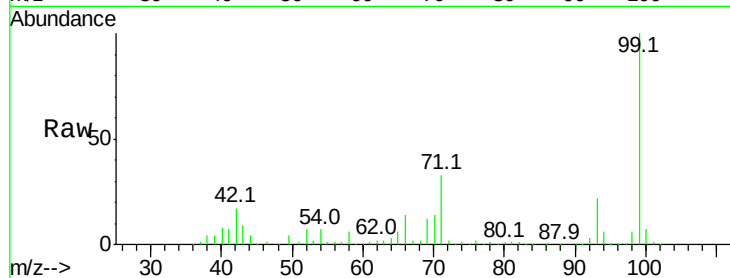
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:	99	Resp:	903910
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	32.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 39.16 ng

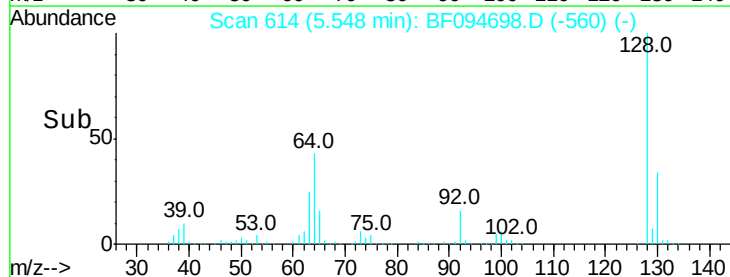
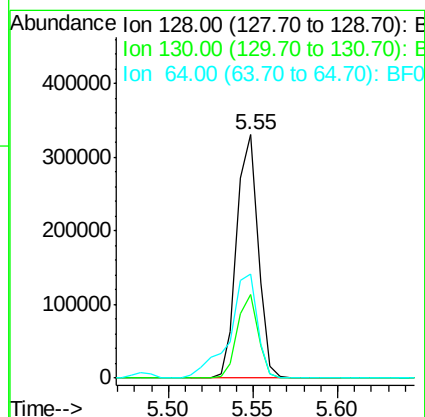
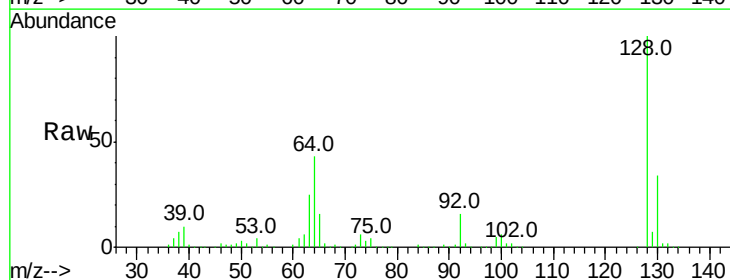
RT: 5.55 min Scan# 614

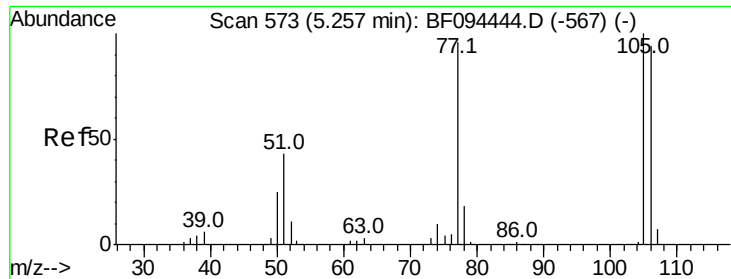
Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:	128	Resp:	291261
Ion Ratio	Lower	Upper	
128	100		
130	34.4	12.9	52.9
64	42.9	28.4	68.4





#9

Benzaldehyde

Concen: 12.68 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion: 77 Resp: 74333

Ion Ratio Lower Upper

77 100

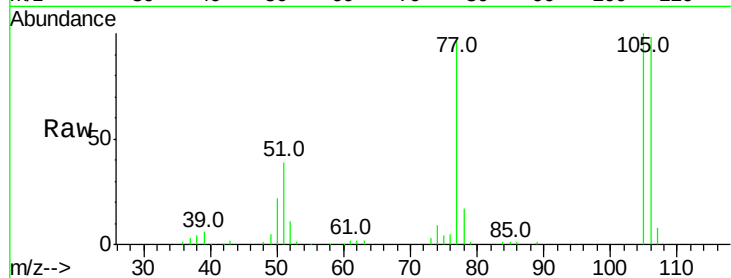
105 102.9 83.8 123.8

106 100.5 79.1 119.1

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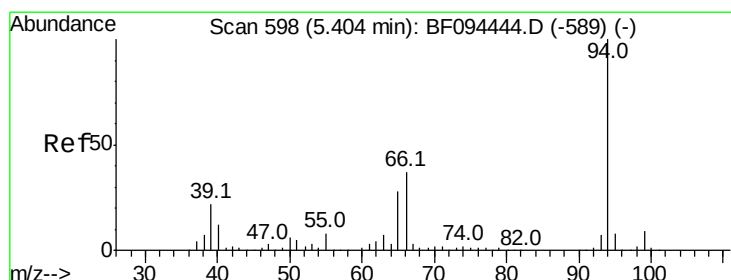
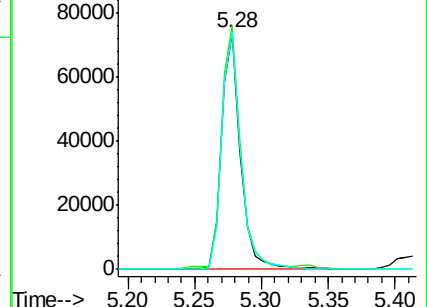
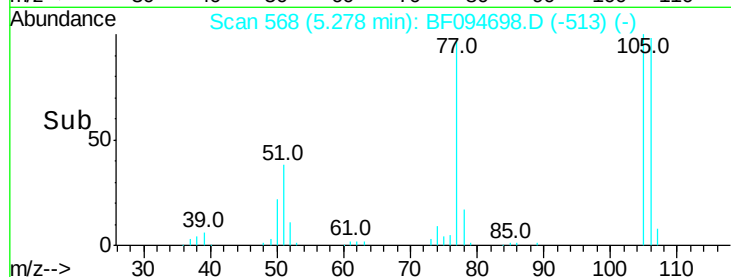
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.73 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

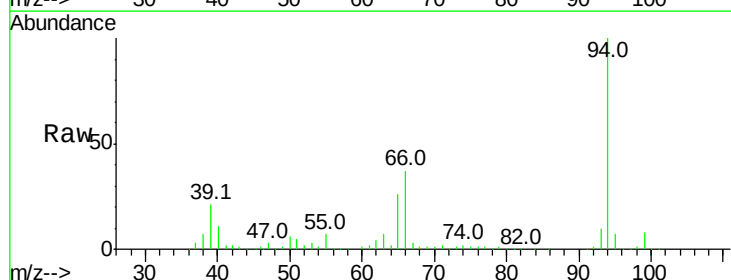
Tgt Ion: 94 Resp: 366600

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

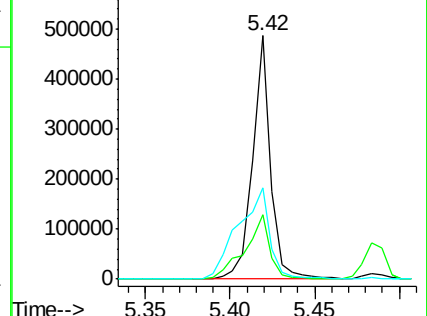
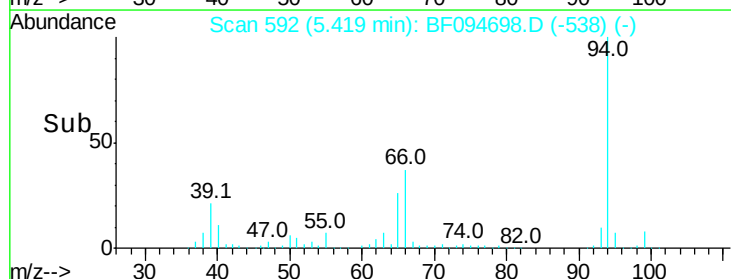
66 37.4 23.1 63.1

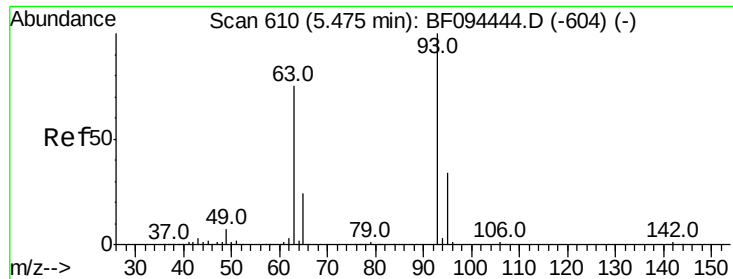


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





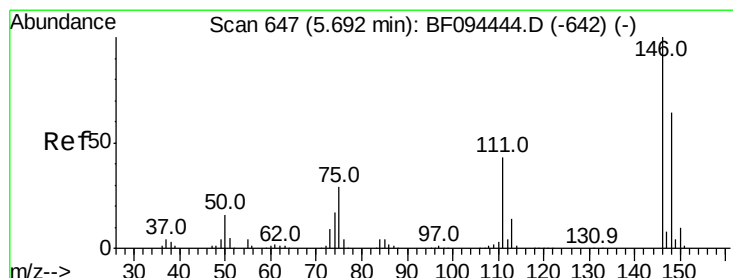
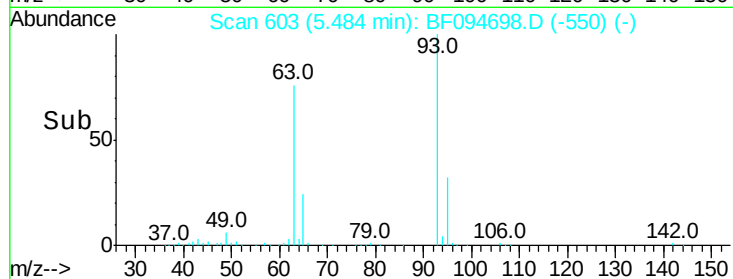
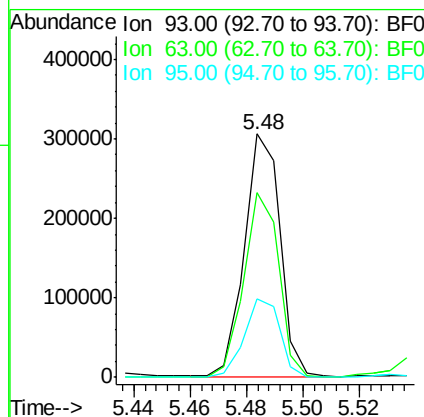
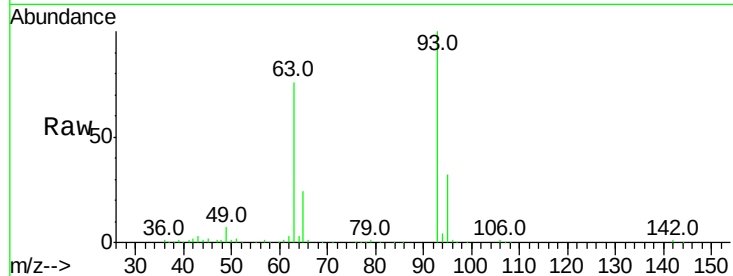
#11
bis(2-Chloroethyl)ether
Concen: 39.00 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion:	93	Resp:	269696
Ion Ratio	Lower	Upper	
93	100		
63	75.8	59.2	99.2
95	32.3	12.8	52.8

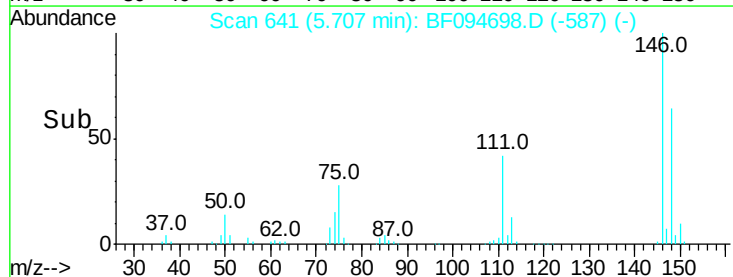
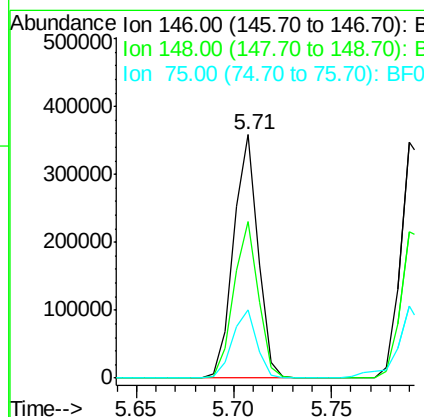
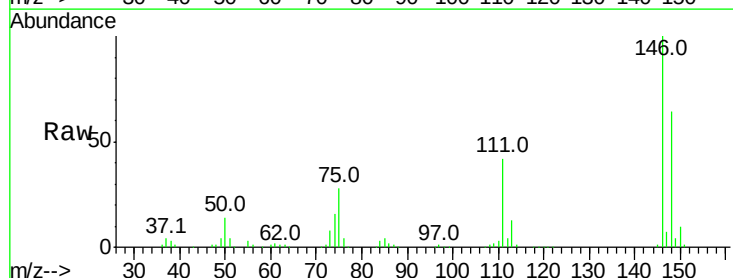
Manual Integrations
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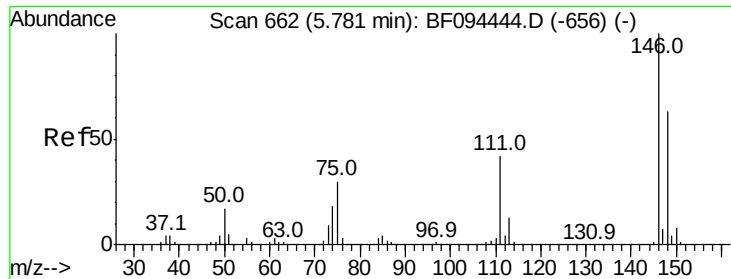
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.73 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion:	146	Resp:	310937
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
75	28.1	23.1	34.7





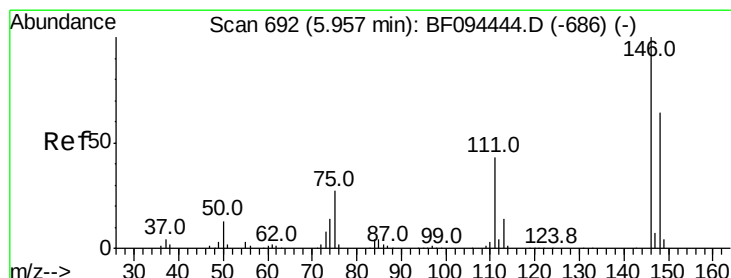
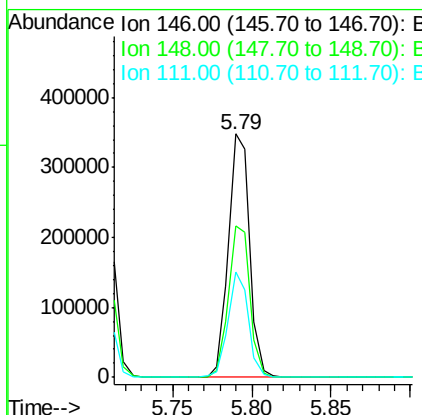
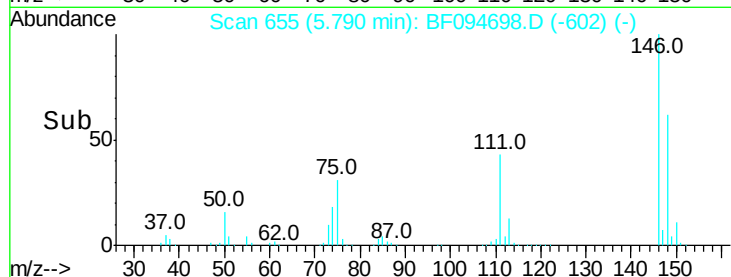
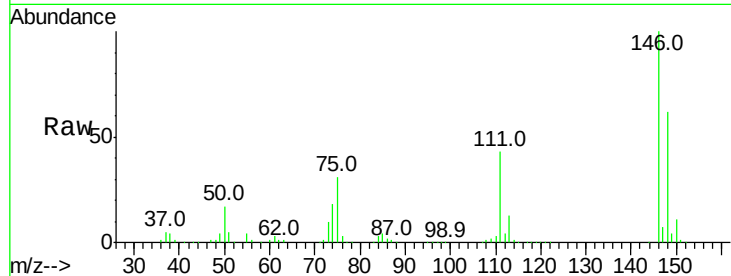
#13
 1,4-Dichlorobenzene
 Concen: 38.92 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.2	78.2
111	43.0	30.3	45.5

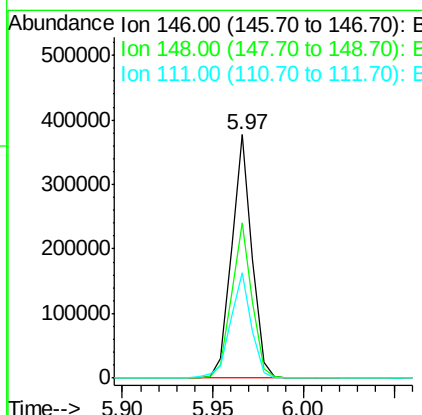
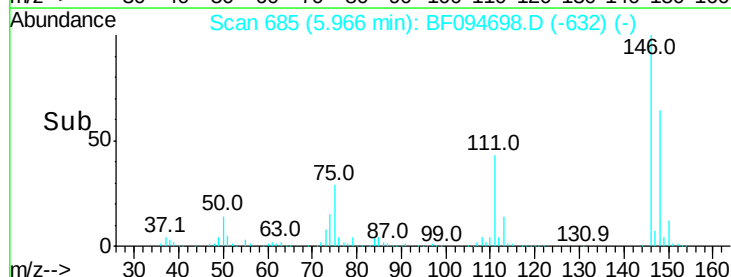
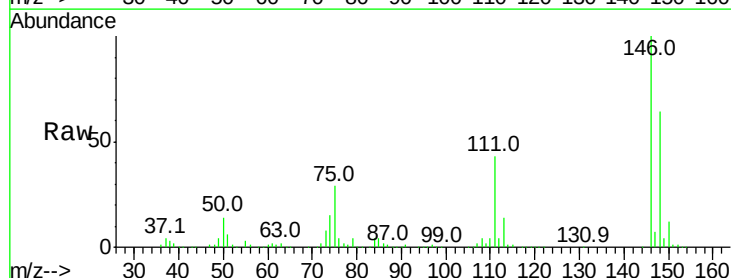
Manual Integrations
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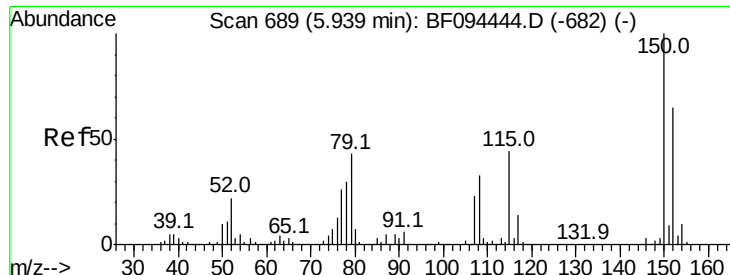
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.22 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	43.3	38.2	57.4





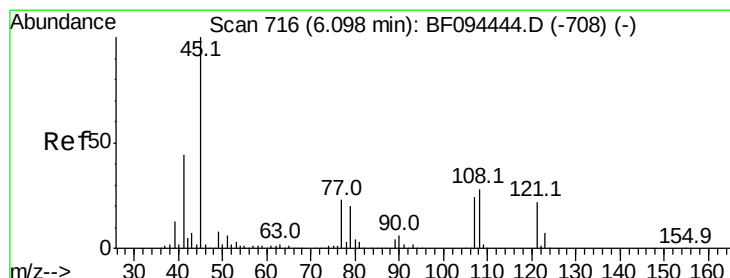
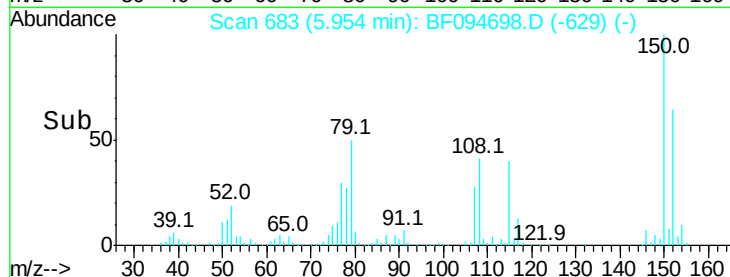
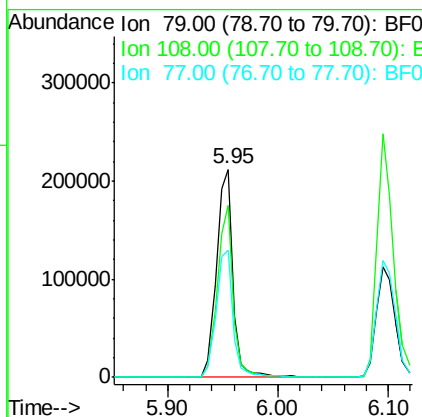
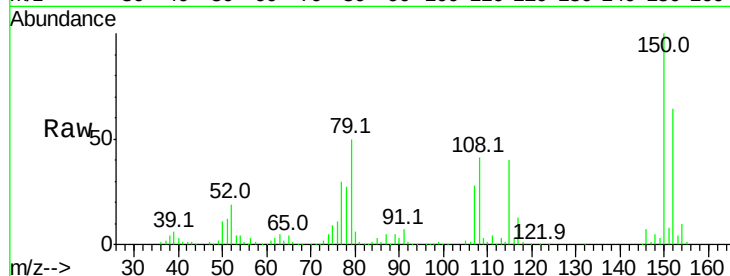
#15
Benzyl Alcohol
Concen: 38.39 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	63.4	95.0
77	60.9	49.2	73.8

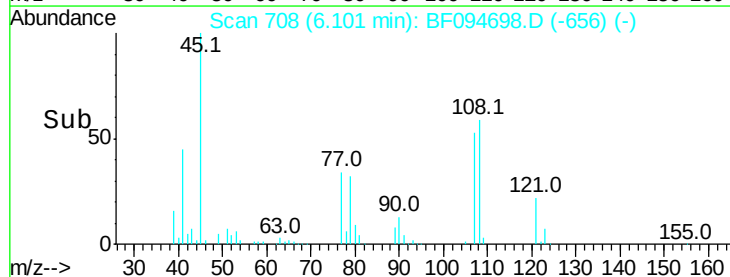
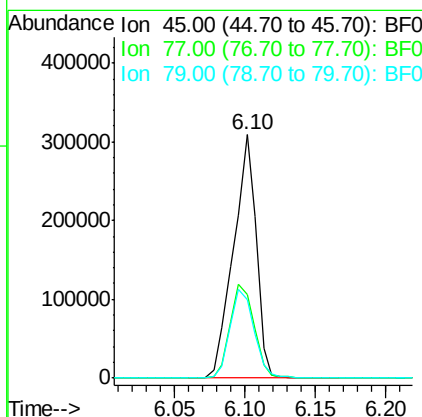
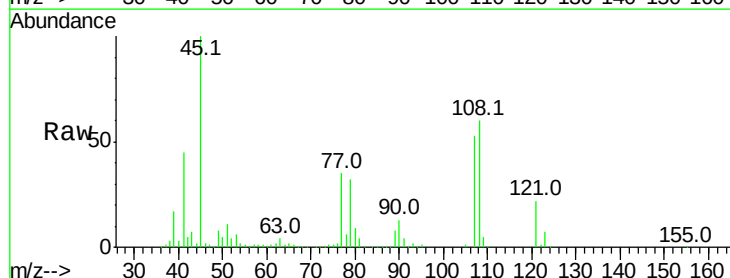
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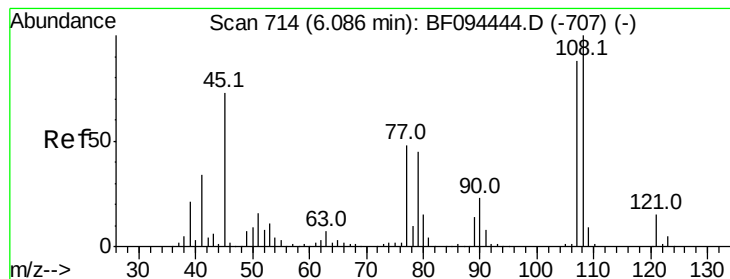
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.34 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.5	0.0	33.2#
79	32.1	0.0	30.0#





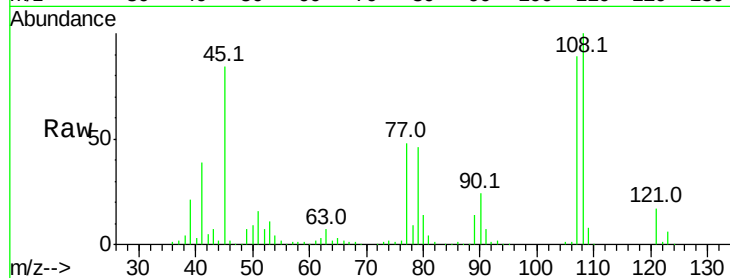
#17
2-Methylphenol
Concen: 39.51 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

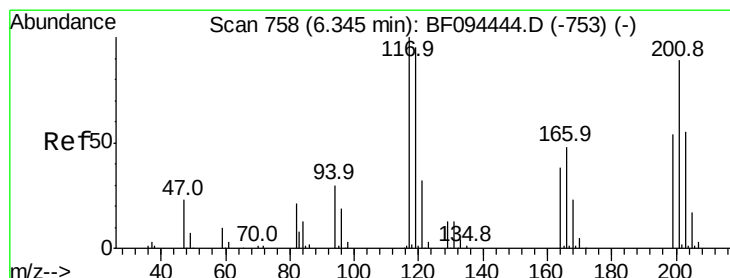
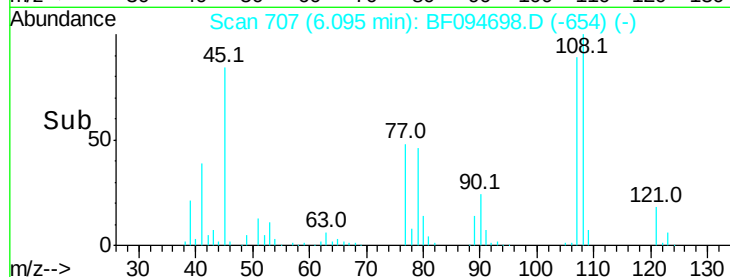
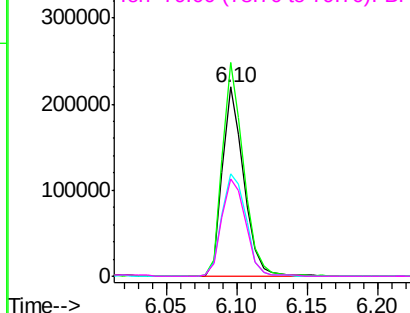
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.4	140.0
77	54.3	35.8	53.6#
79	51.4	34.8	52.2

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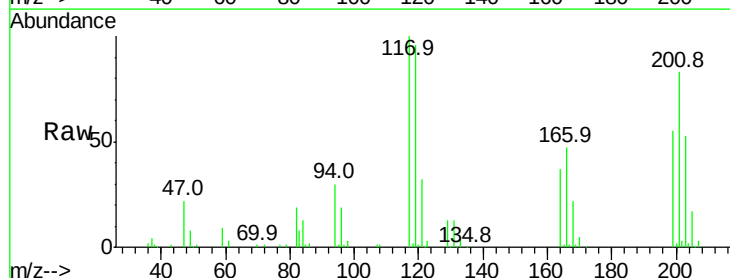


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

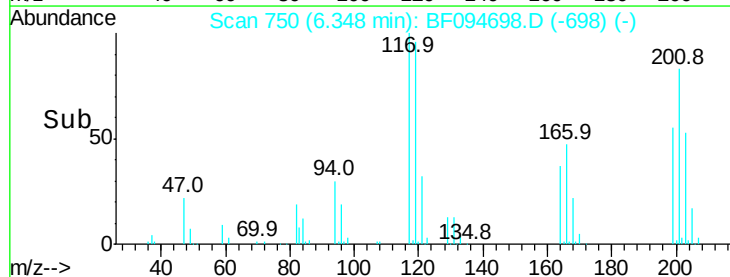
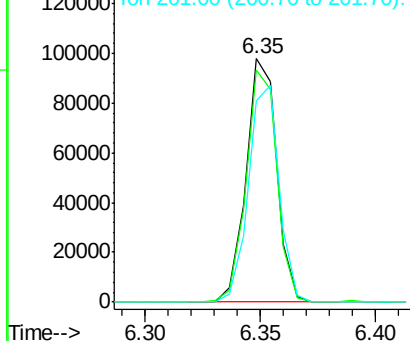


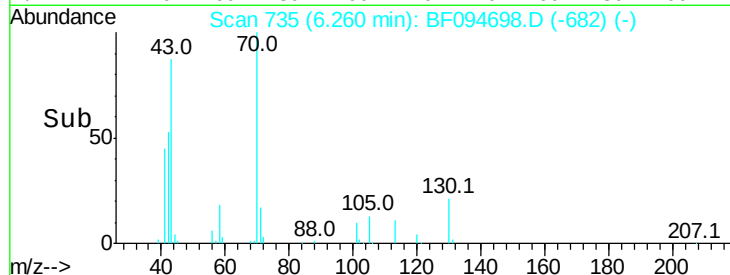
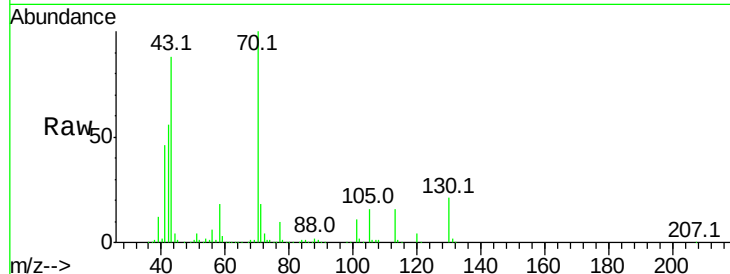
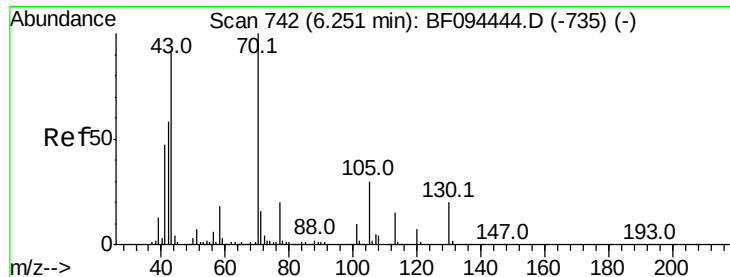
#18
Hexachloroethane
Concen: 31.97 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	82.7	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





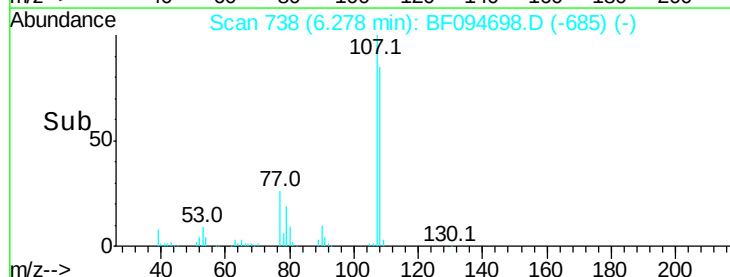
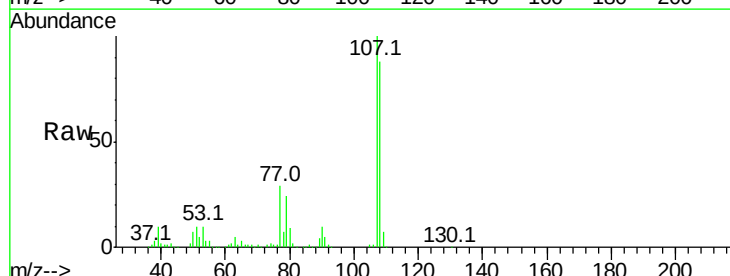
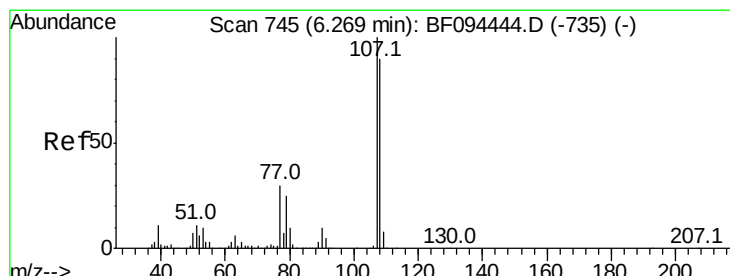
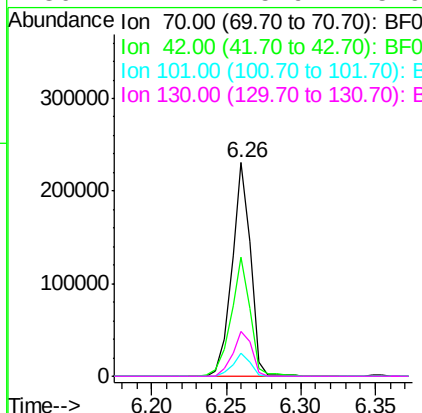
#19
n-Nitroso-di-n-propylamine
Concen: 39.56 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		201973		
42	55.8	47.2	70.8		
101	10.5	7.2	10.8		
130	21.2	15.9	23.9		

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

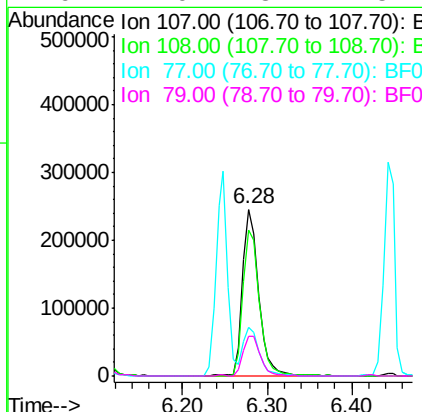
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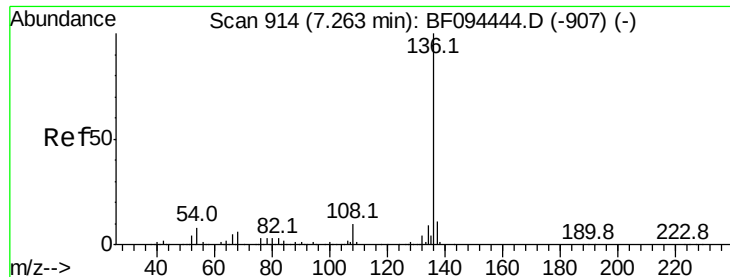
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#20
3+4-Methylphenols
Concen: 40.76 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		324486		
108	87.8	71.0	111.0		
77	29.2	90.5	130.5#		
79	24.0	8.4	48.4		





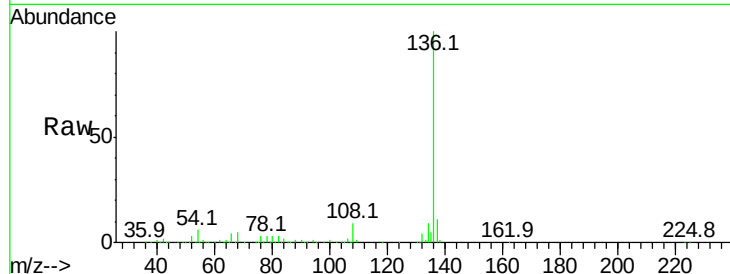
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

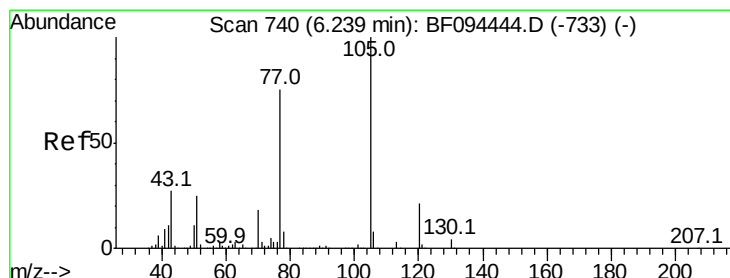
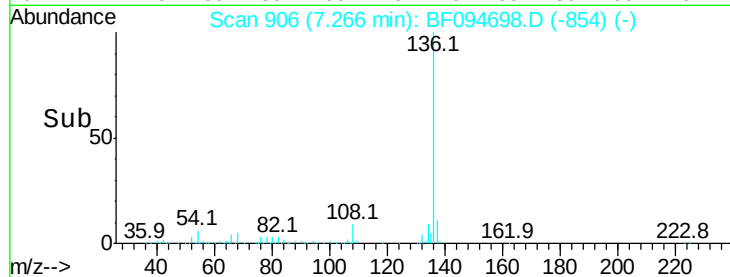
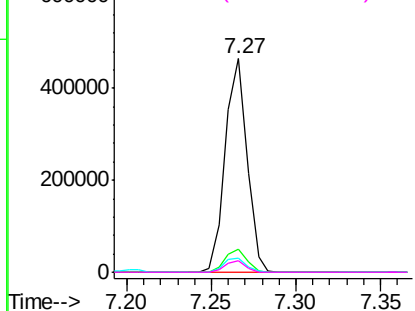
Tot Ion	Ratio	Resp	Lower	Upper
136	100	419016		
137	10.6		8.5	12.7
54	6.3		4.9	7.3
68	5.4		4.1	6.1

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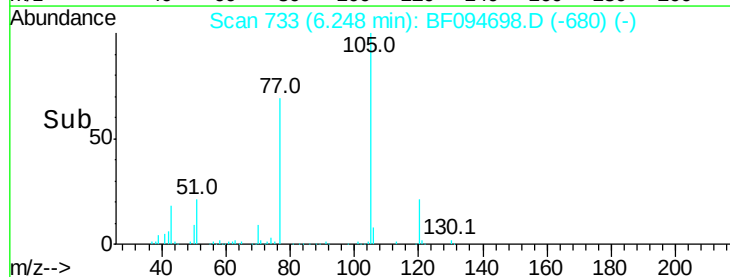
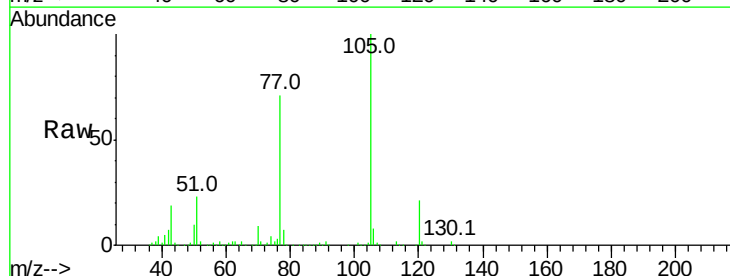
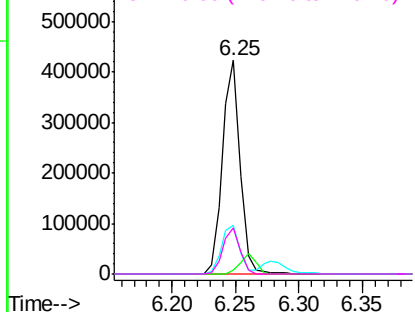
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

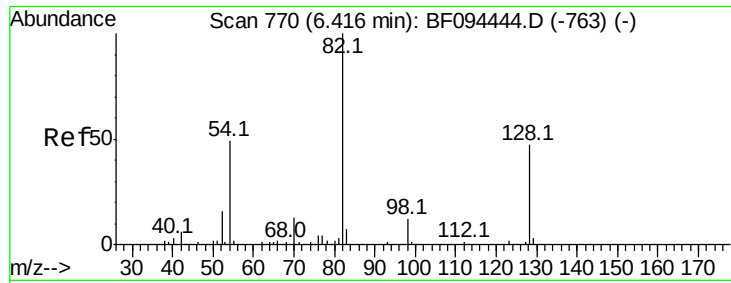


#22
Acetophenone
Concen: 40.24 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	409975		
71	1.7		2.8	4.2#
51	22.8		30.7	46.1#
120	21.4		17.4	26.0

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





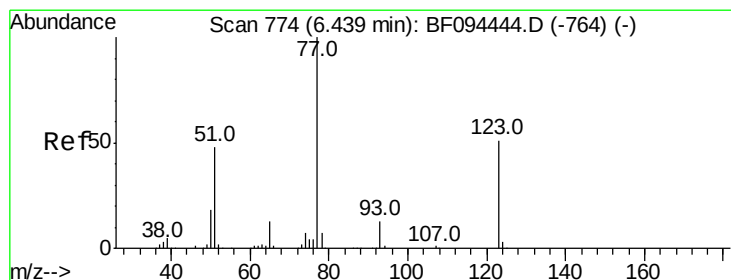
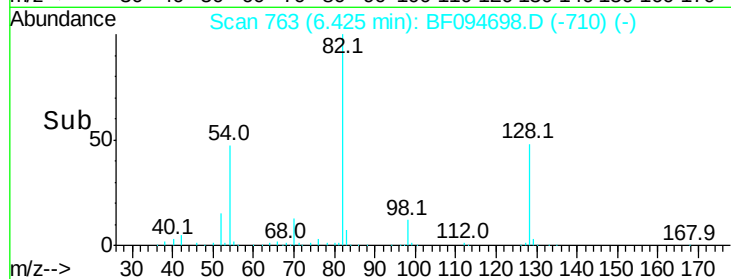
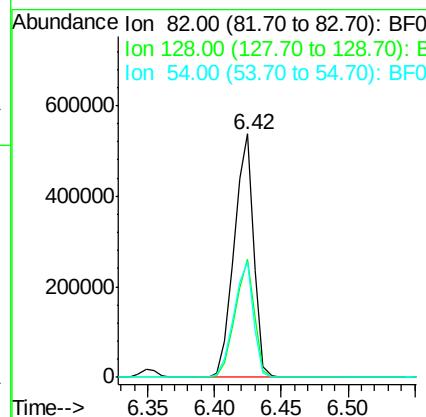
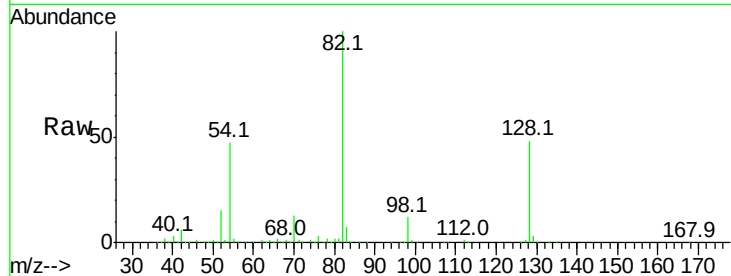
#23
 Nitrobenzene-d5
 Concen: 81.93 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.4	34.0	51.0	
54	47.4	42.2	63.2	

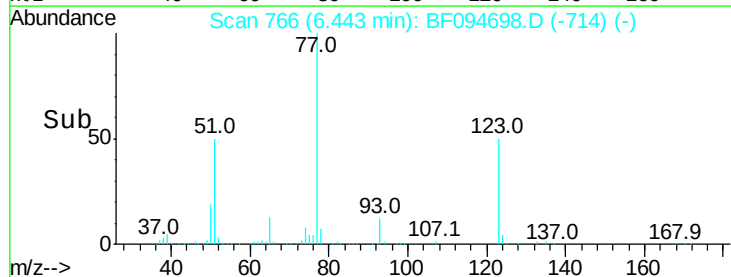
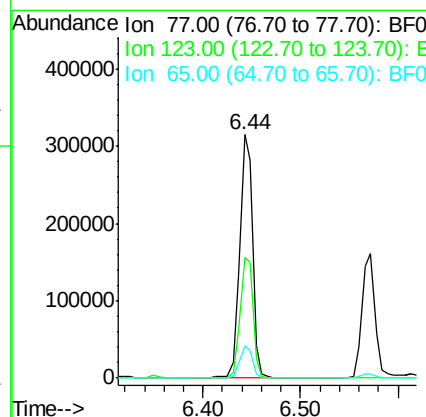
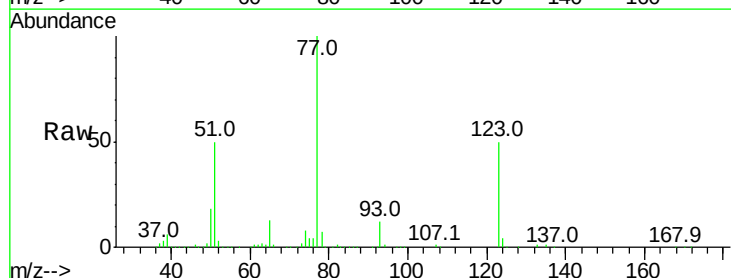
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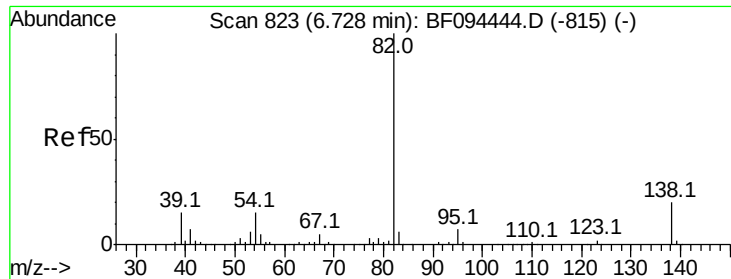
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#24
 Nitrobenzene
 Concen: 40.00 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	35.8	53.8	
65	13.4	10.6	15.8	





#25

Isophorone

Concen: 40.46 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

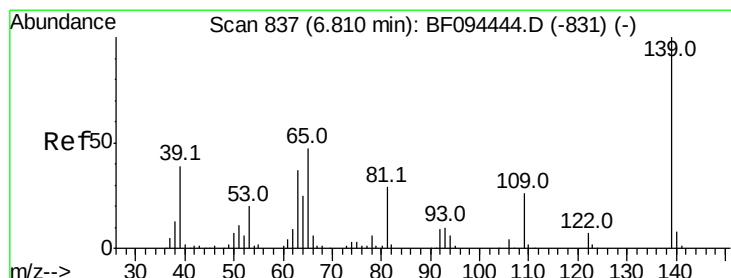
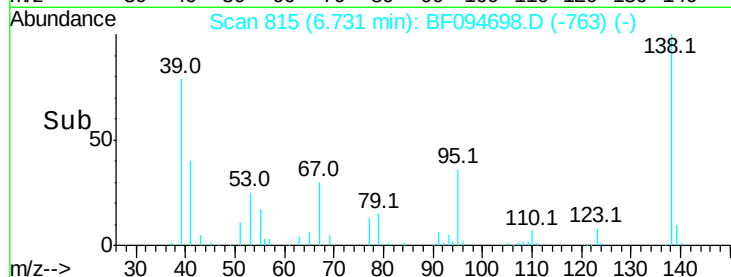
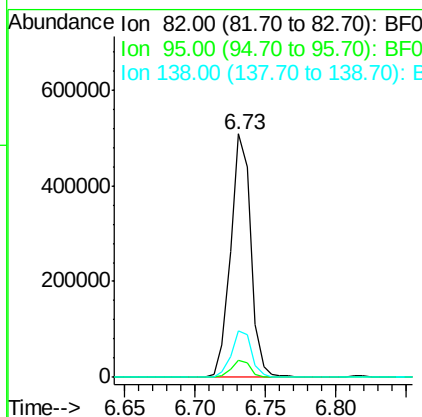
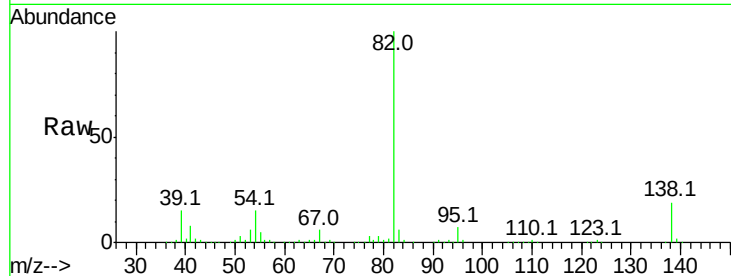
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:	82	Resp:	508985
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.8	13.1	19.7

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#26

2-Nitrophenol

Concen: 37.17 ng

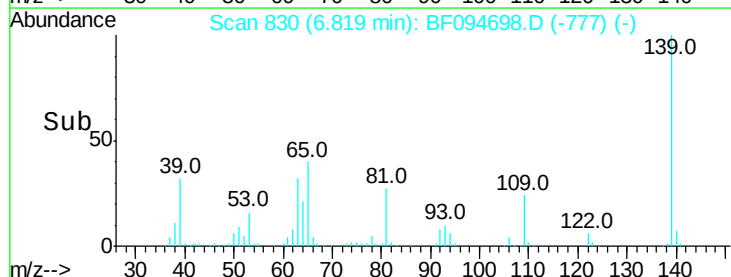
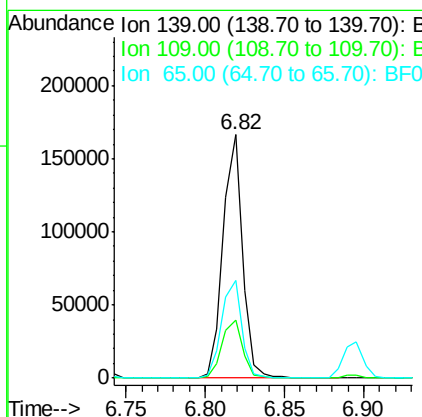
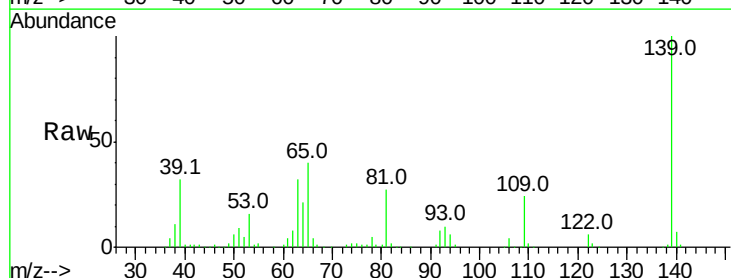
RT: 6.82 min Scan# 830

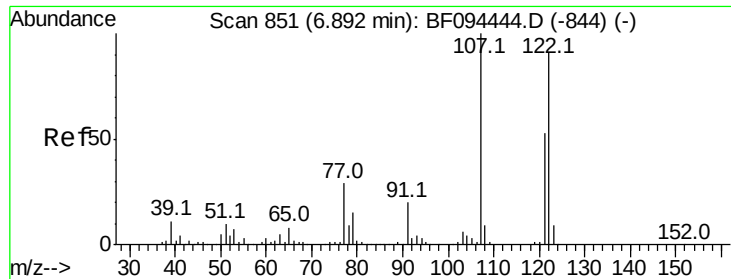
Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:	139	Resp:	142697
Ion Ratio	Lower	Upper	
139	100		
109	23.6	21.0	31.6
65	40.1	33.0	49.6





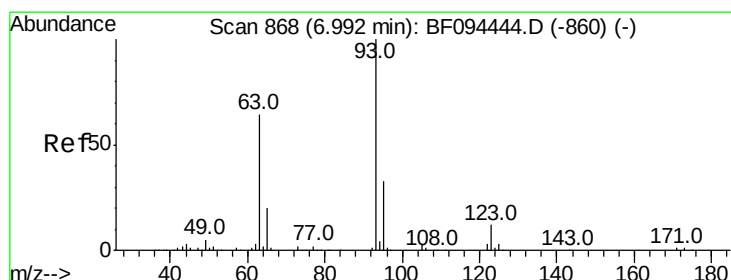
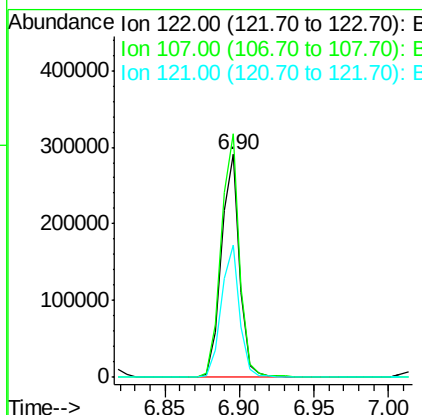
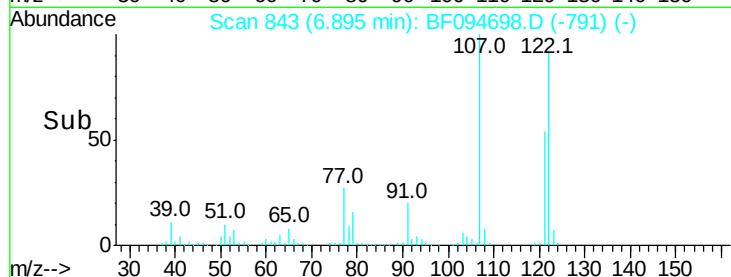
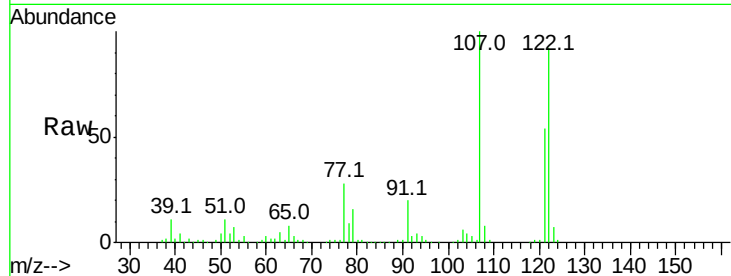
#27
 2,4-Dimethylphenol
 Concen: 40.28 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	251190		
107	109.2	89.2	133.8	
121	59.2	45.2	67.8	

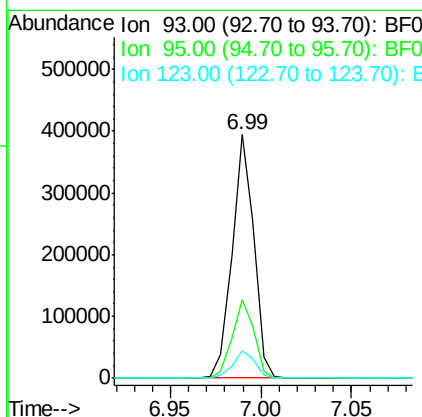
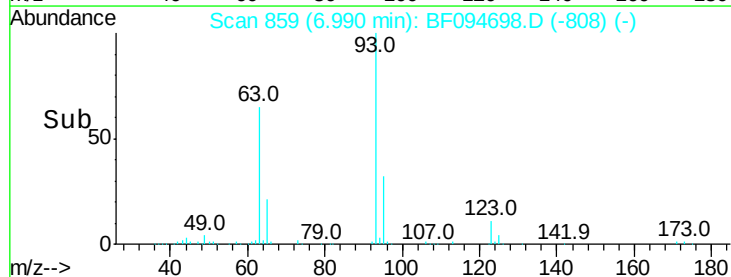
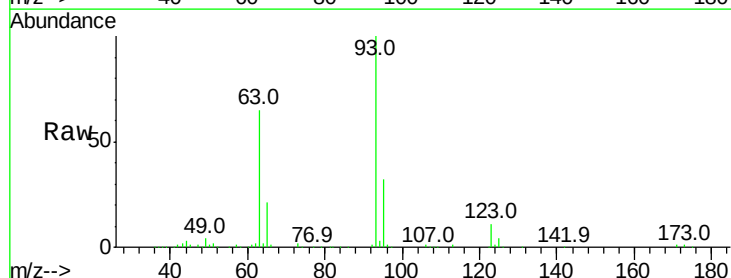
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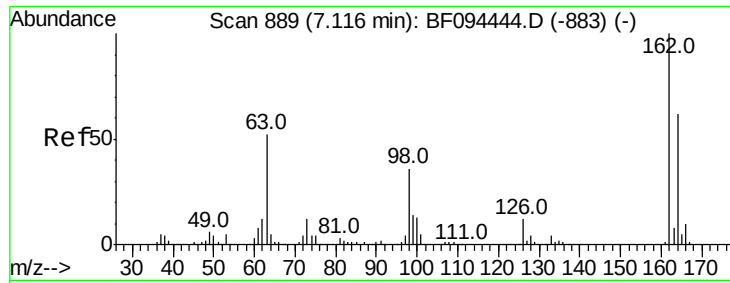
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.41 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	328842		
95	32.4	26.5	39.7	
123	11.4	9.0	13.4	





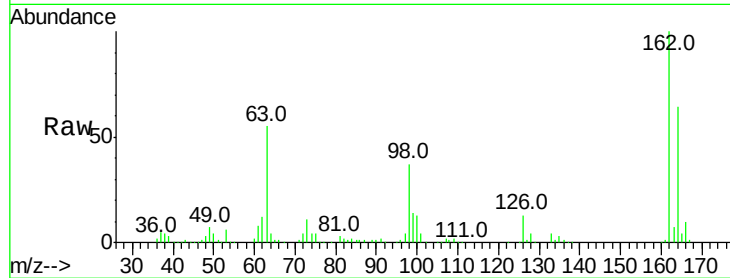
#29
 2,4-Dichlorophenol
 Concen: 41.14 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

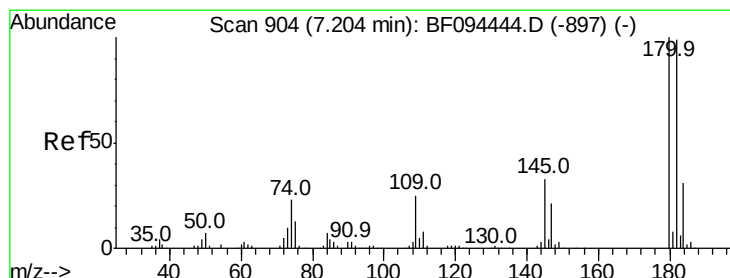
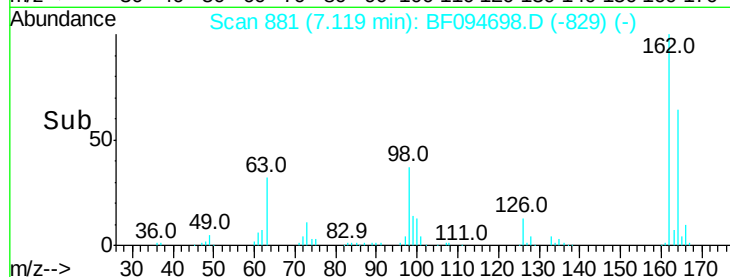
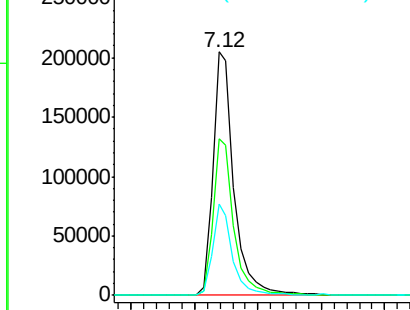
Tot Ion:	162	Resp:	238653
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.6	84.6
98	37.4	14.8	54.8

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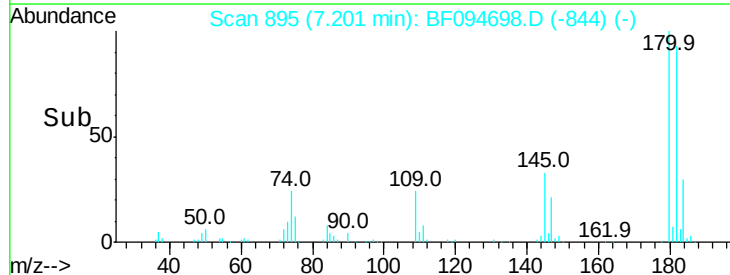
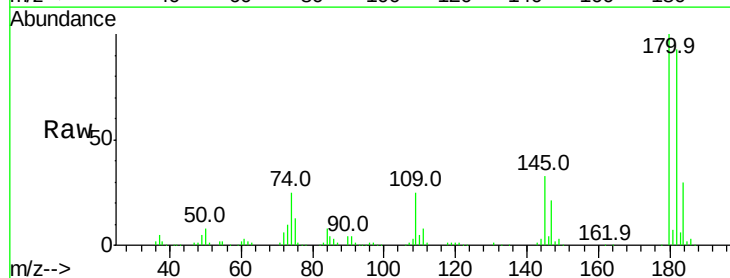
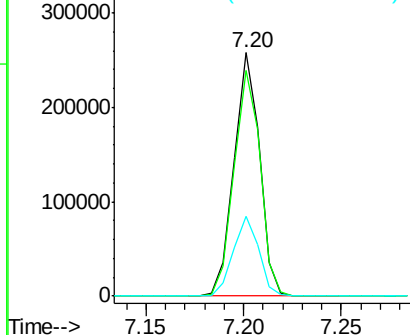
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

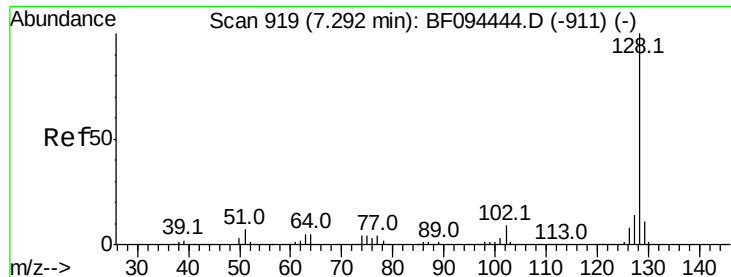


#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:	180	Resp:	234432
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.8	113.6
145	32.9	25.3	37.9

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





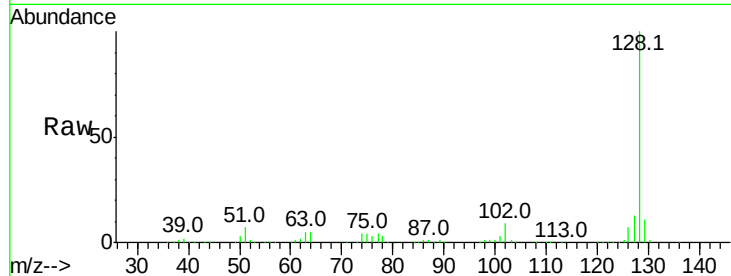
#31
Naphthalene
Concen: 39.92 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

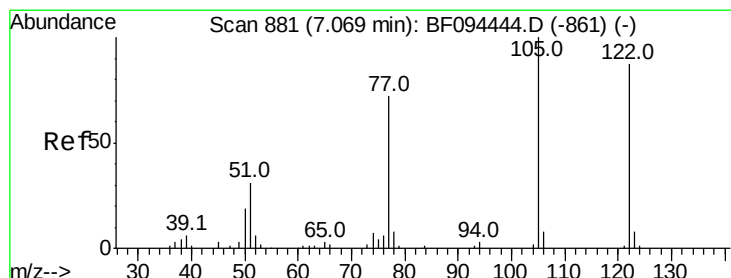
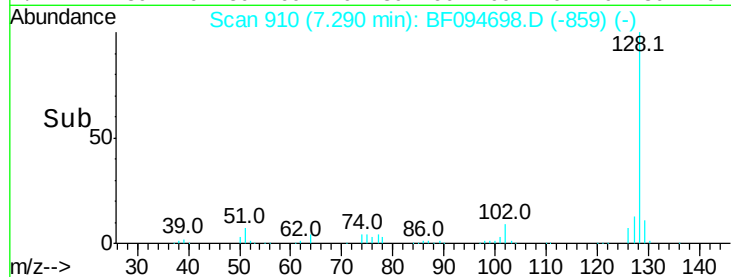
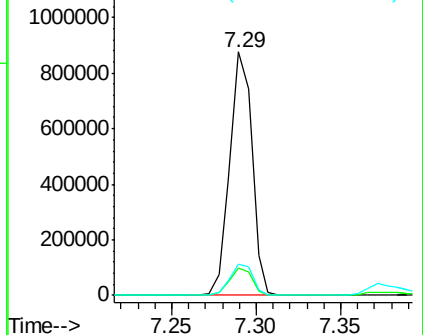
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.9	10.8	16.2

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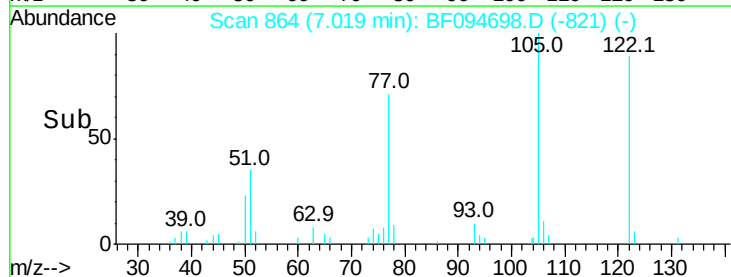
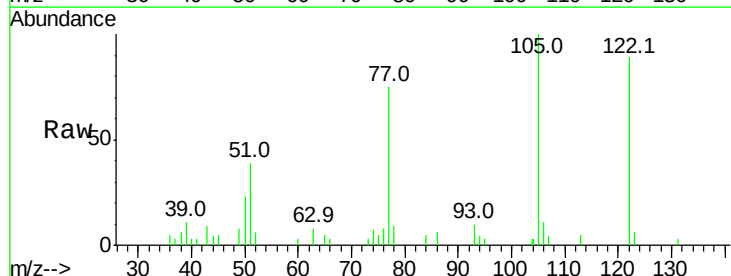
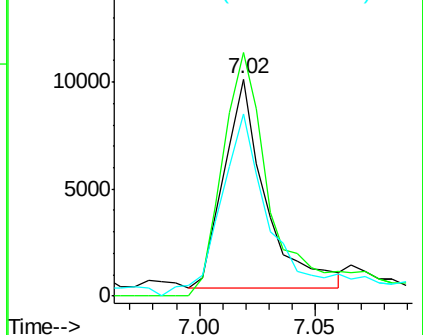
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

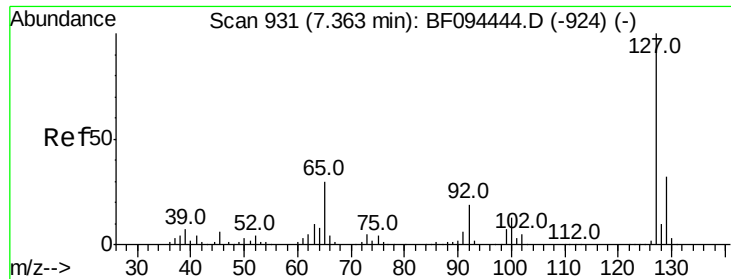


#32
Benzoic acid
Concen: 3.72 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.05 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.1	103.3	143.3
77	83.6	73.7	113.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





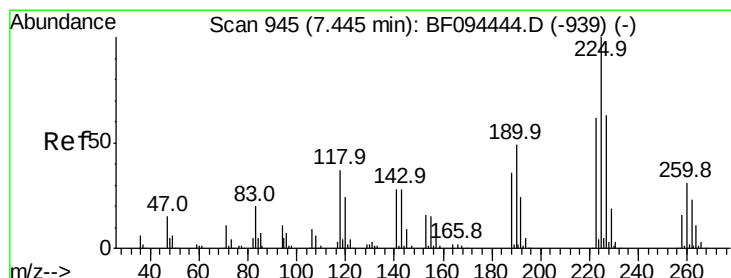
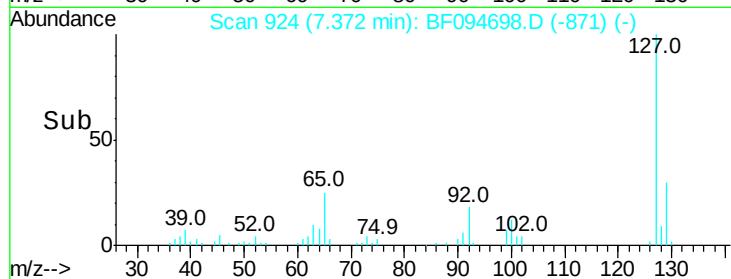
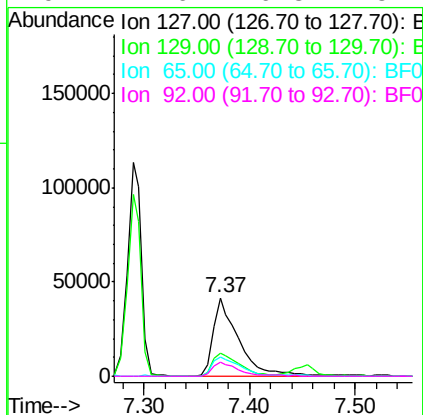
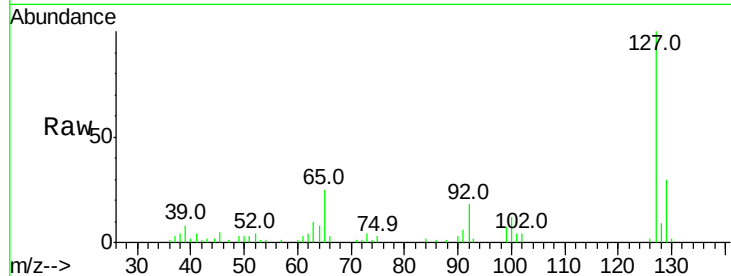
#33
 4-Chloroaniline
 Concen: 8.41 ng
 RT: 7.37 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	24.9	27.8	41.8
92	17.6	16.8	25.2

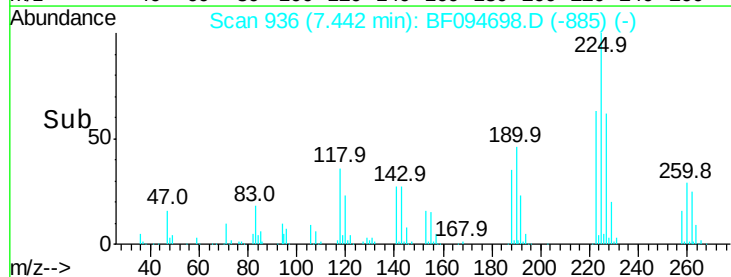
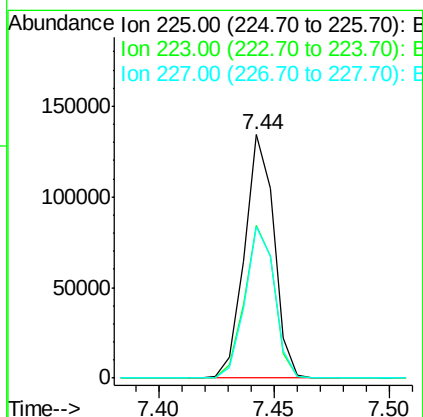
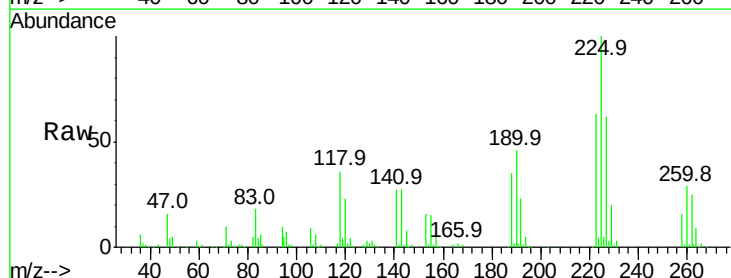
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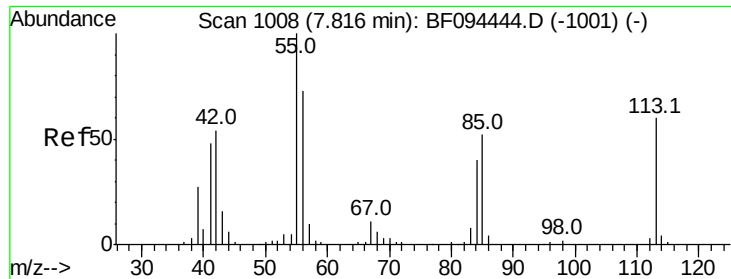
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#34
 Hexachlorobutadiene
 Concen: 40.19 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	62.4	51.1	76.7





#35

Caprolactam

Concen: 38.14 ng/ml

RT: 7.82 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:113 Resp: 69512

Ion Ratio Lower Upper

113 100

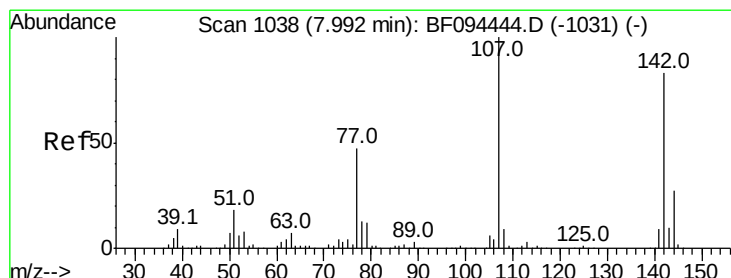
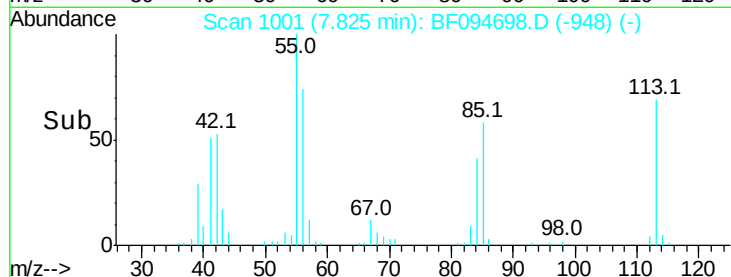
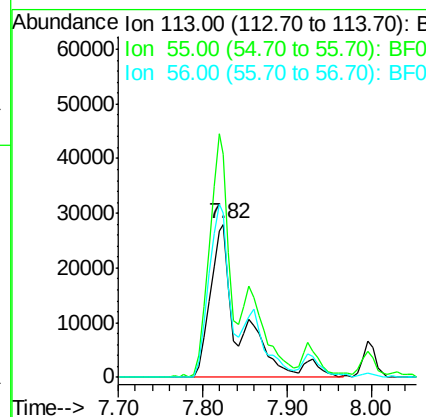
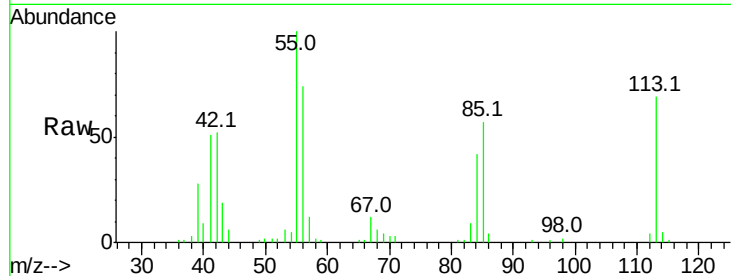
55 145.5 150.2 190.2#

56 107.3 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 39.68 ng/ml

RT: 8.00 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

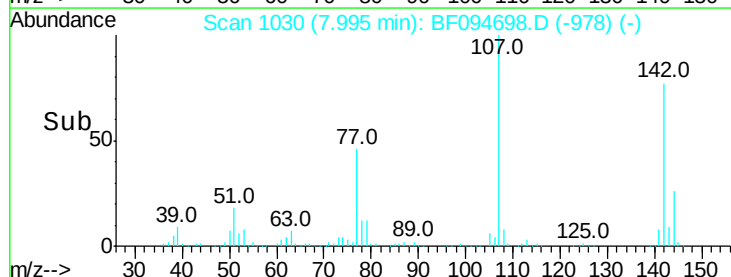
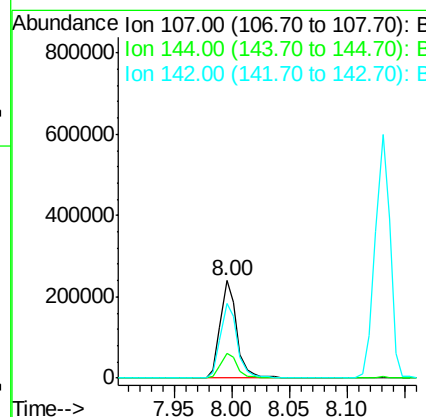
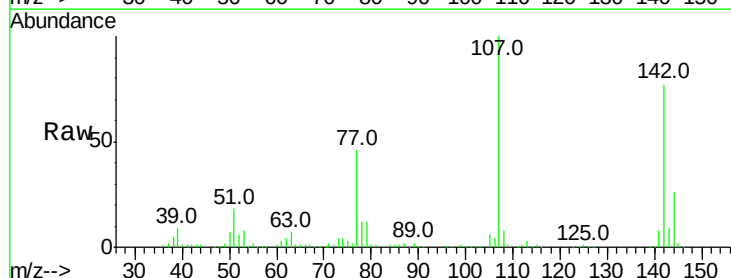
Tgt Ion:107 Resp: 241209

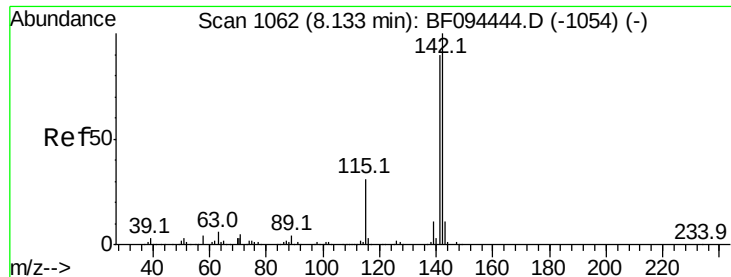
Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

142 77.1 73.4 110.0





#37

2-Methylnaphthalene

Concen: 39.41 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

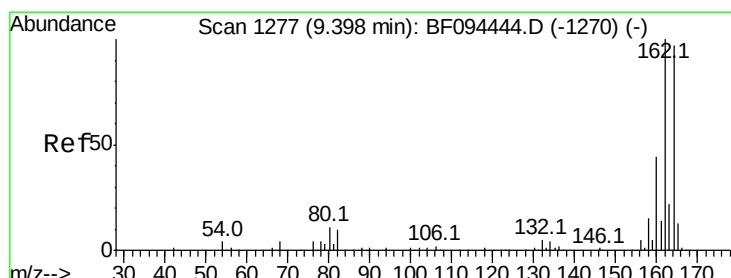
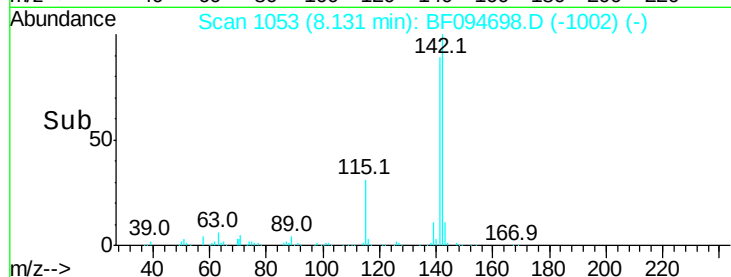
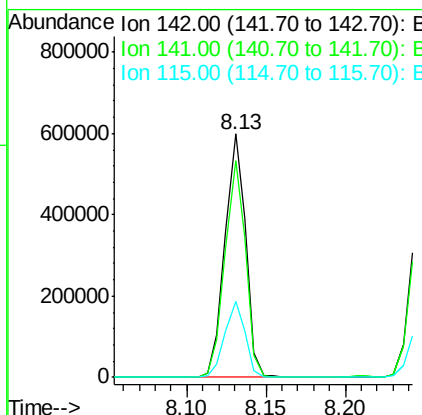
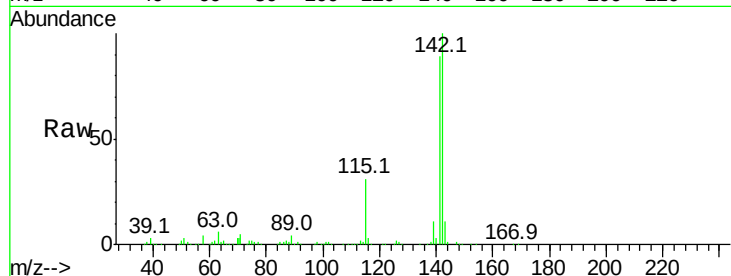
ClientSampleId :

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Tot Ion:	142	Resp:	543071
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.3	106.9
115	31.3	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

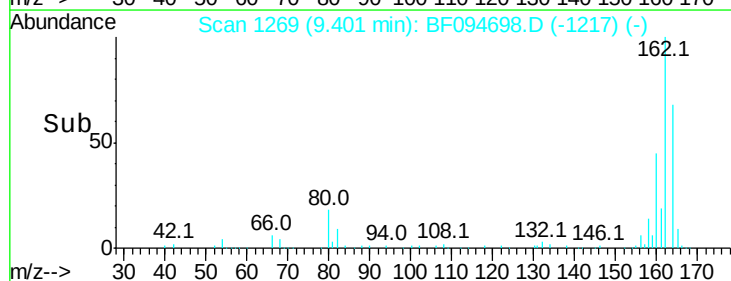
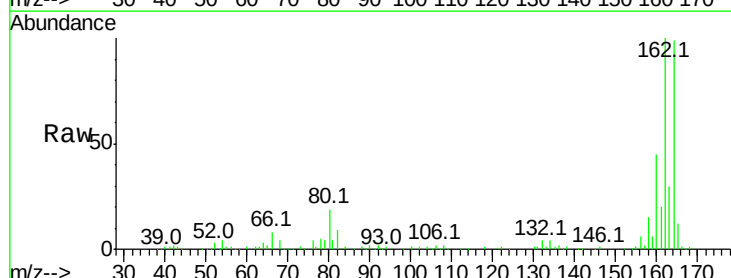
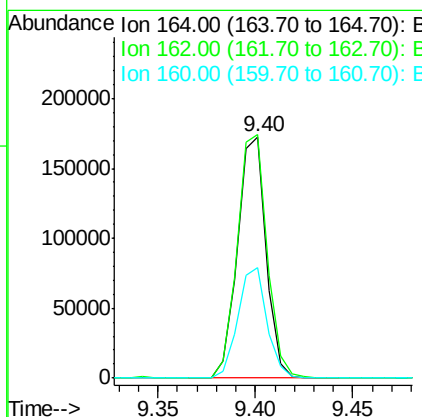
RT: 9.40 min Scan# 1269

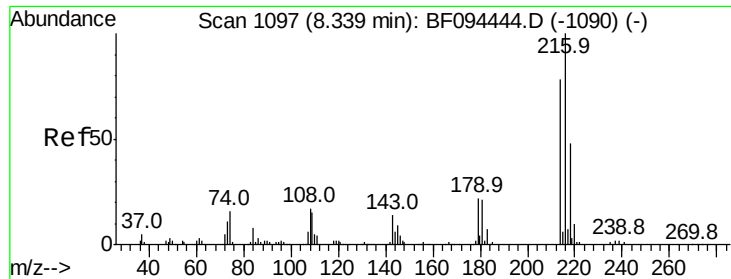
Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:	164	Resp:	174897
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.6	123.8
160	45.7	36.2	54.2





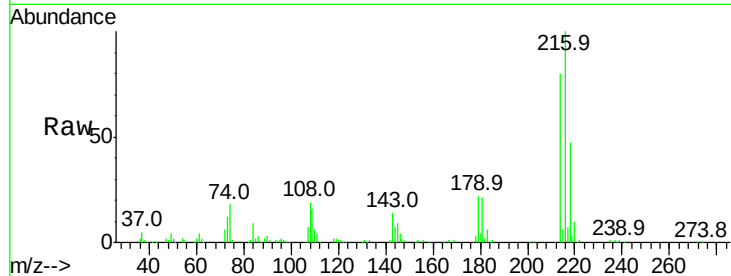
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.28 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

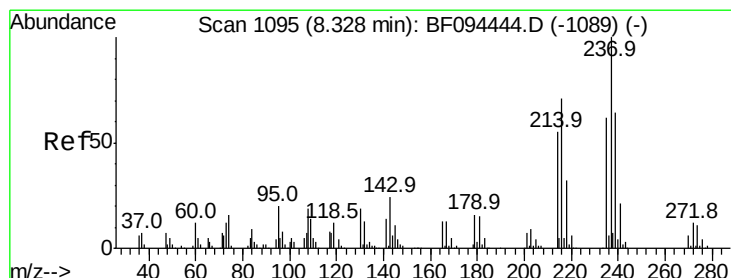
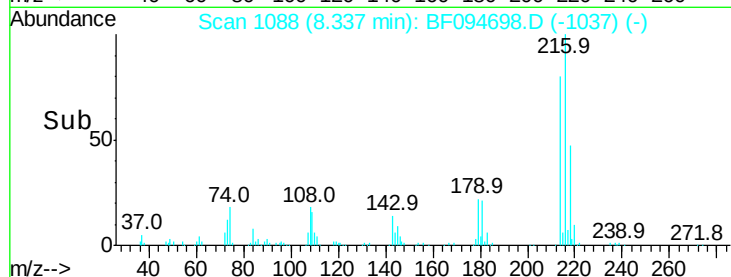
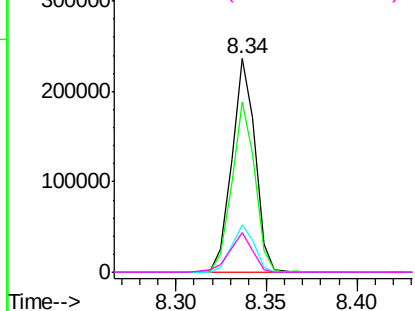
Tot Ion	Ratio	Resp	Lower	Upper
216	100	210583		
214	78.8	63.4	95.2	
179	21.9	17.9	26.9	
108	18.6	16.5	24.7	

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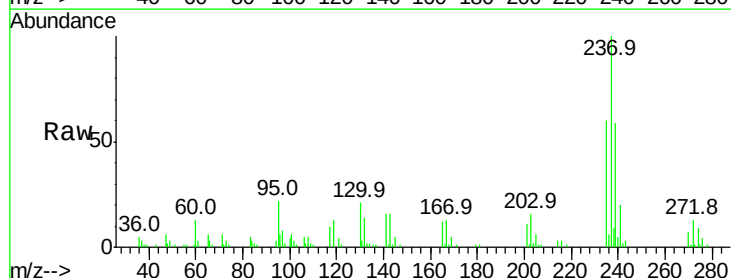


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

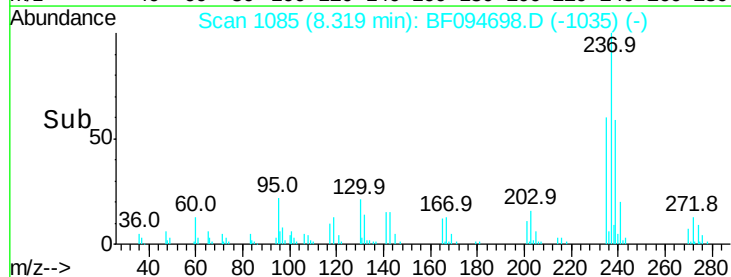
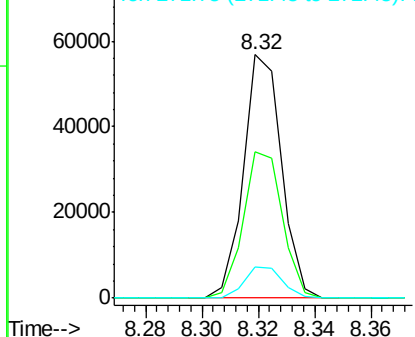


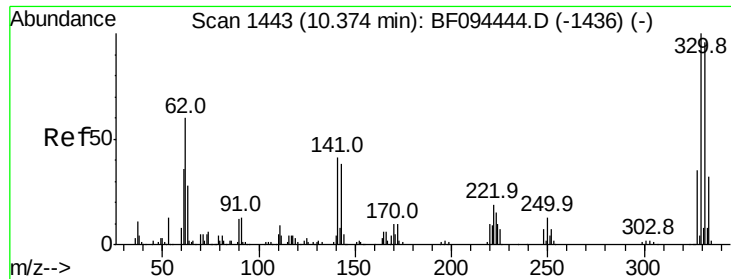
#40
 Hexachlorocyclopentadiene
 Concen: 26.27 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	52919		
235	59.9	42.6	82.6	
272	12.7	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: 115.02 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

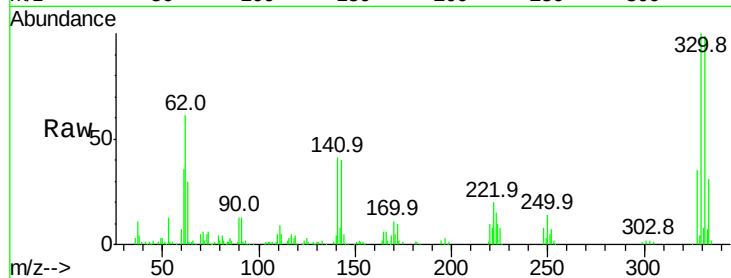
ClientSampleId :

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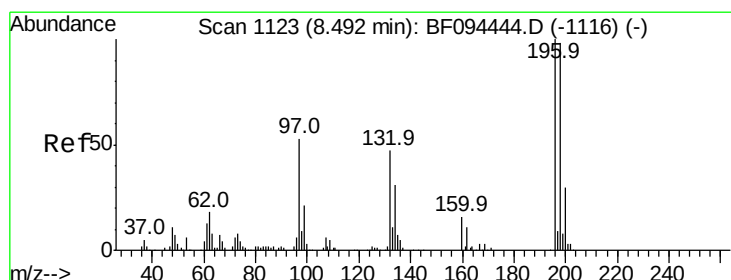
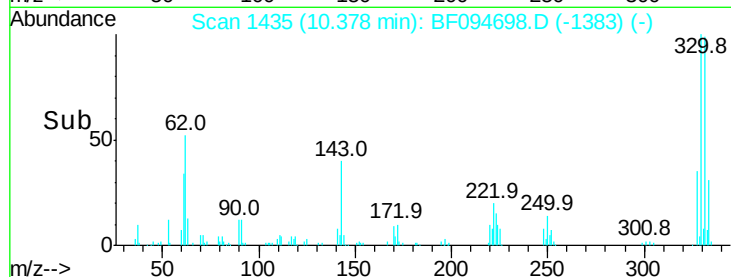
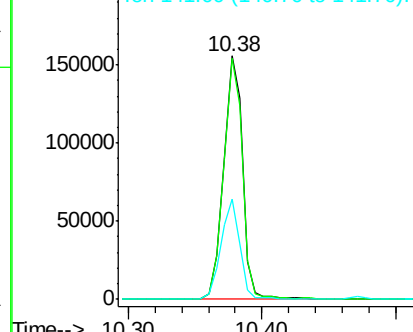
Tot Ion:	330	Resp:	157353
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.6	115.0
141	40.6	31.4	47.2

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



#42

2,4,6-Trichlorophenol

Concen: 43.32 ng

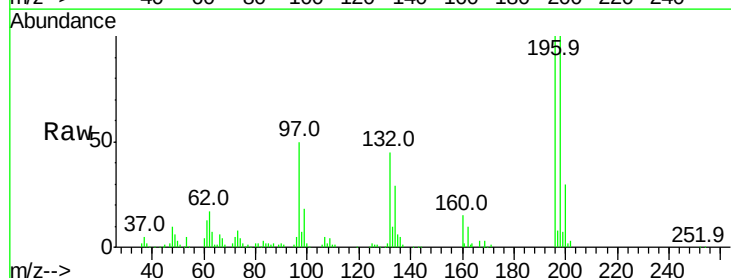
RT: 8.50 min Scan# 1115

Delta R.T. 0.00 min

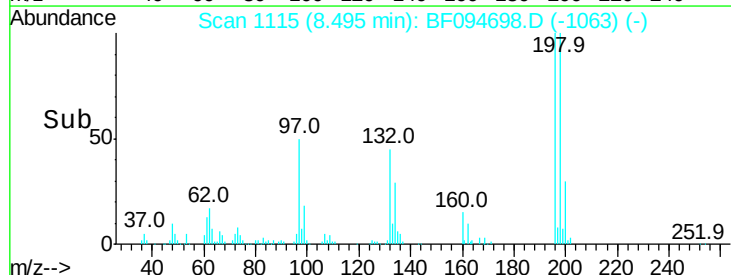
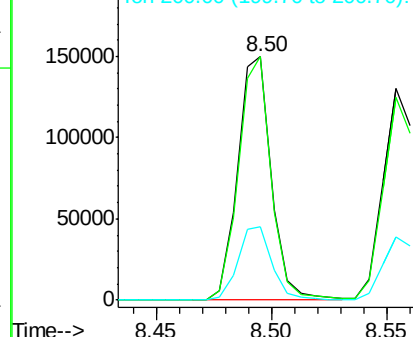
Lab File: BF094698.D

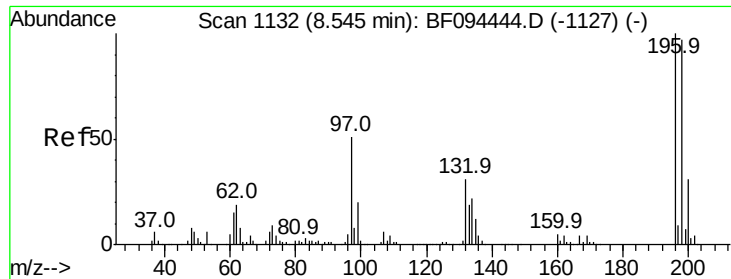
Acq: 28 Apr 2017 21:53

Tgt Ion:	196	Resp:	151505
Ion Ratio	Lower	Upper	
196	100		
198	100.2	74.2	111.4
200	30.4	24.0	36.0



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





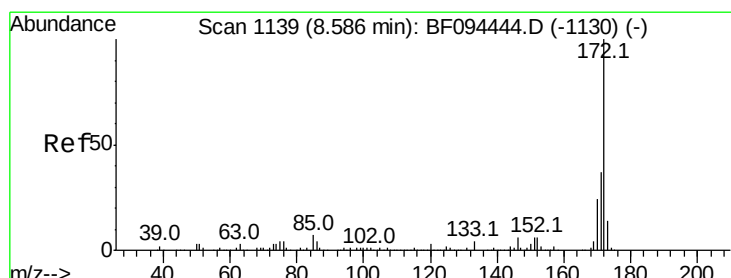
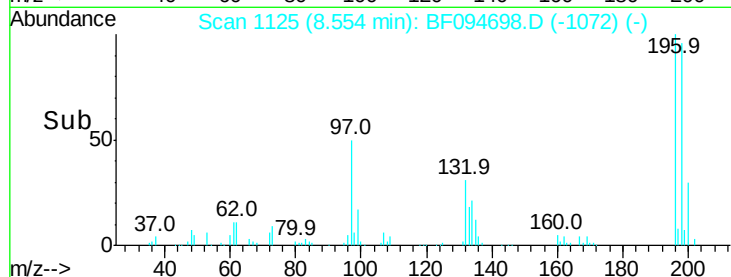
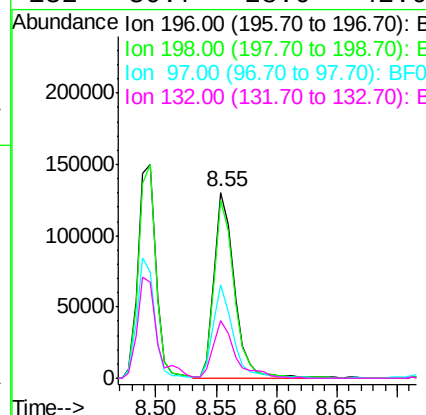
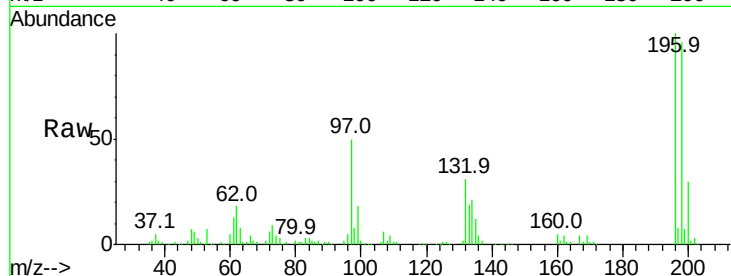
#43
 2,4,5-Trichlorophenol
 Concen: 42.00 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150833		
198	96.0	75.7	113.5	
97	50.4	47.7	71.5	
132	30.7	28.0	42.0	

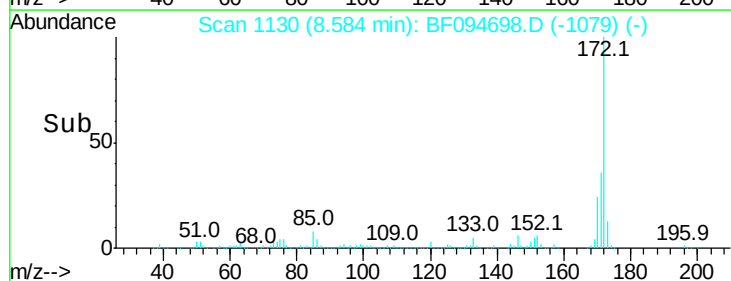
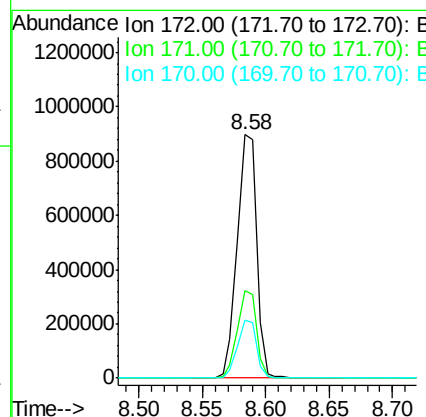
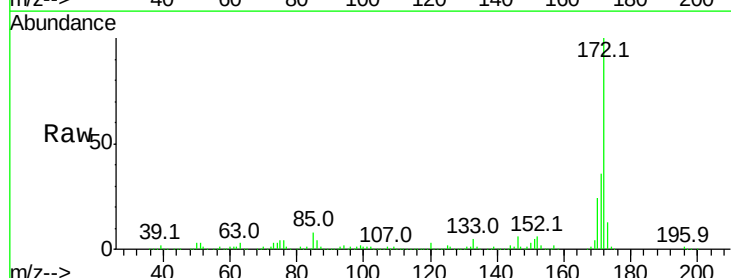
Manual Integrations
 APPROVED

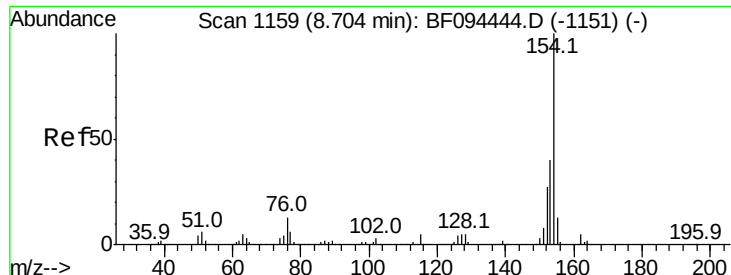
mohammad
 5/1/2017 6:36:23 PM



#44
 2-Fluorobiphenyl
 Concen: 79.69 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	947225		
171	36.1	29.6	44.4	
170	24.0	19.8	29.8	





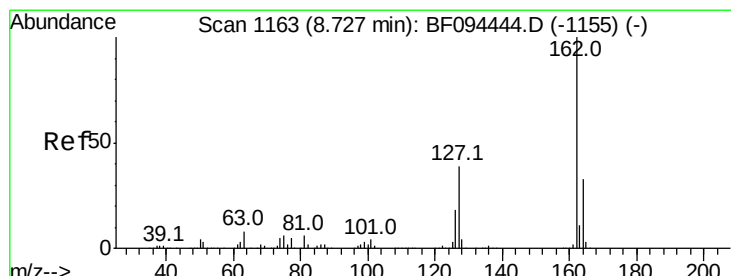
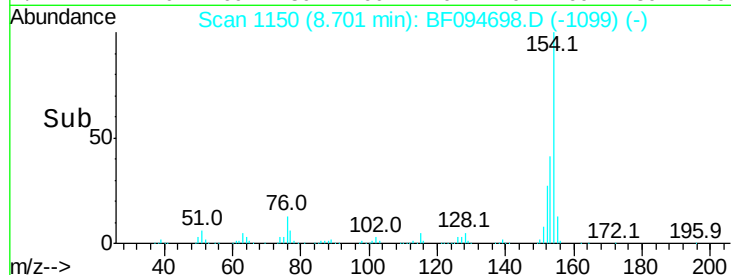
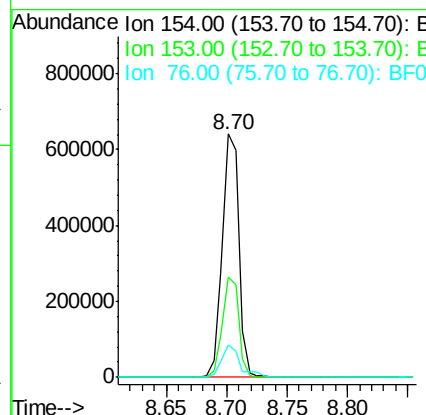
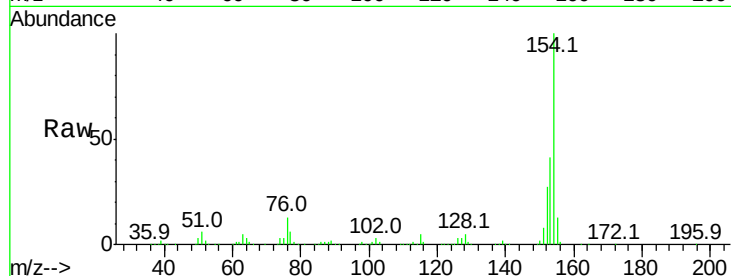
#45
 1,1'-Biphenyl
 Concen: 42.39 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.2	61.2	
76	13.3	0.0	29.9	

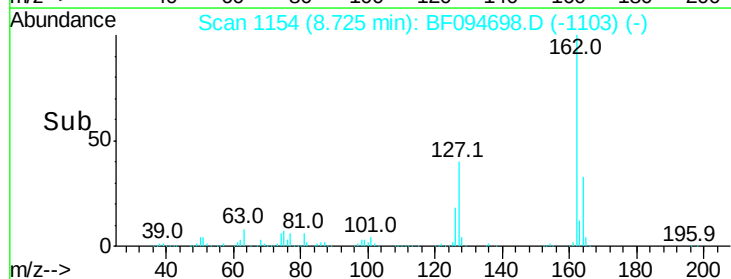
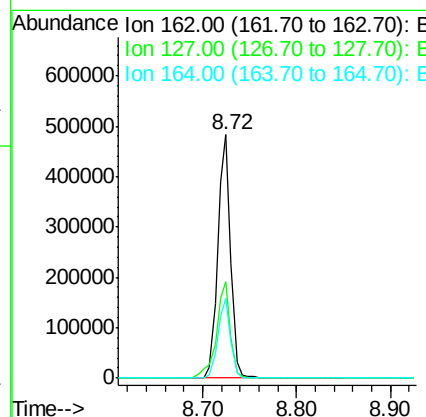
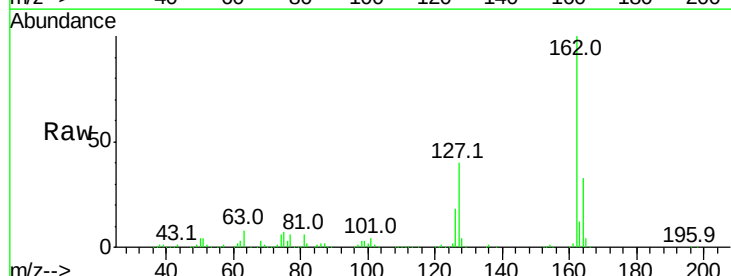
Manual Integrations
 APPROVED

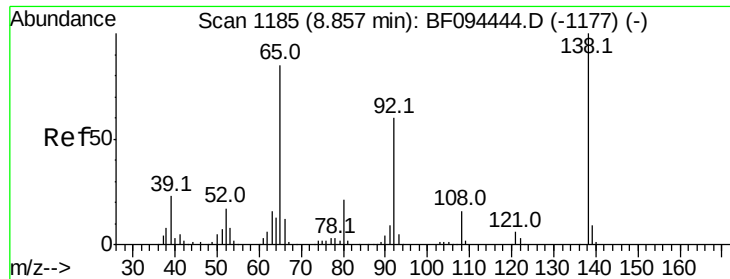
mohammad
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#46
 2-Chloronaphthalene
 Concen: 41.03 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.8	28.3	42.5	
164	32.6	27.0	40.4	





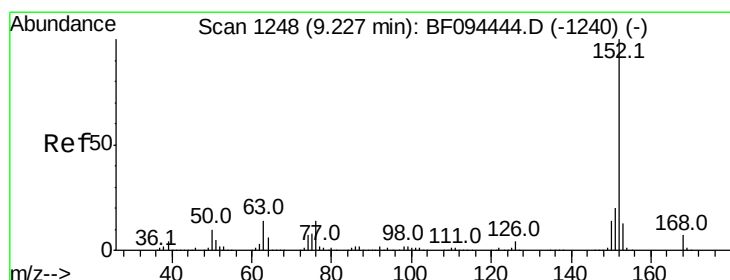
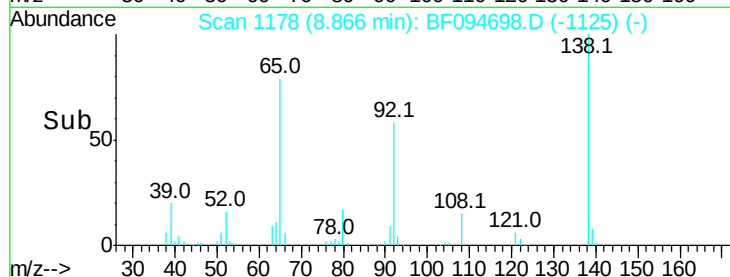
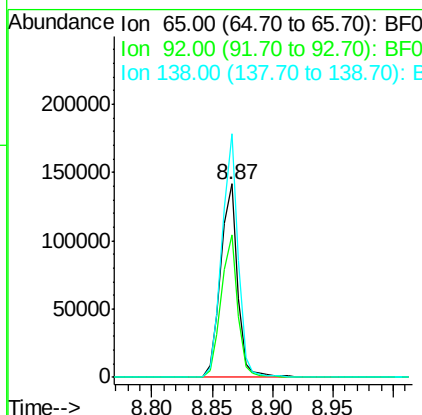
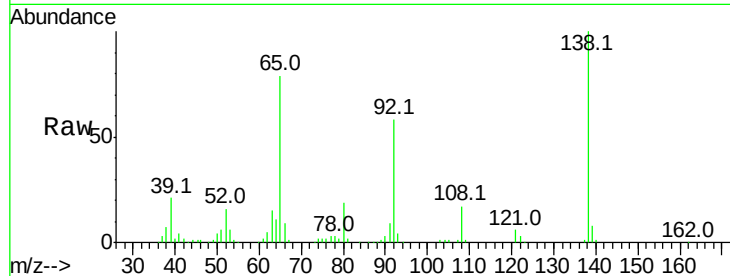
#47
 2-Nitroaniline
 Concen: 42.10 ng
 RT: 8.87 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.9	80.9
138	126.1	78.8	118.2

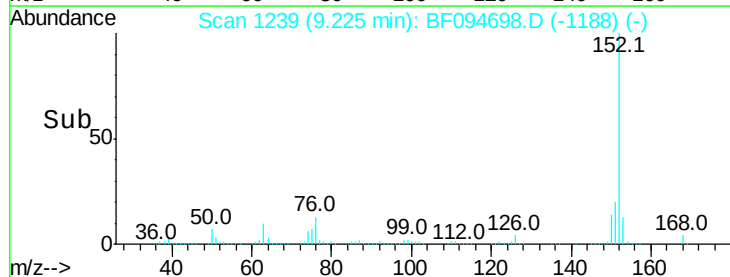
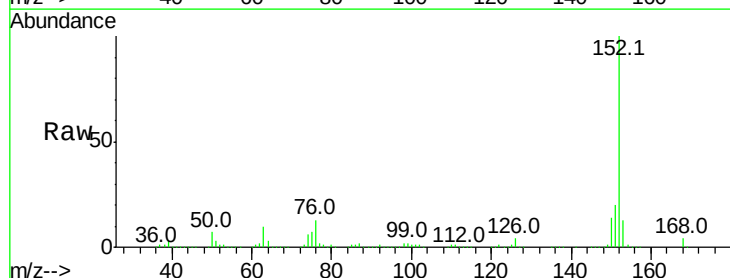
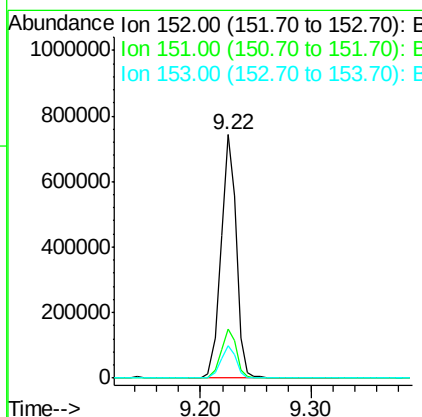
Manual Integrations
 APPROVED

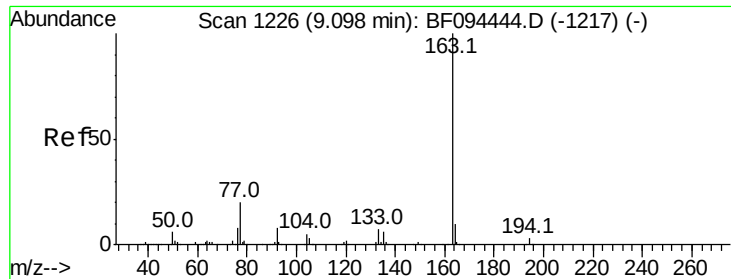
mohammad
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#48
 Acenaphthylene
 Concen: 40.46 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.3	10.8	16.2





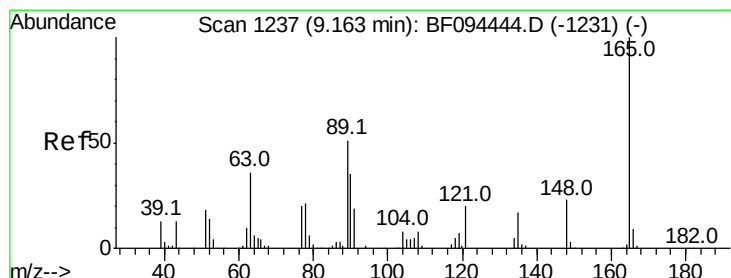
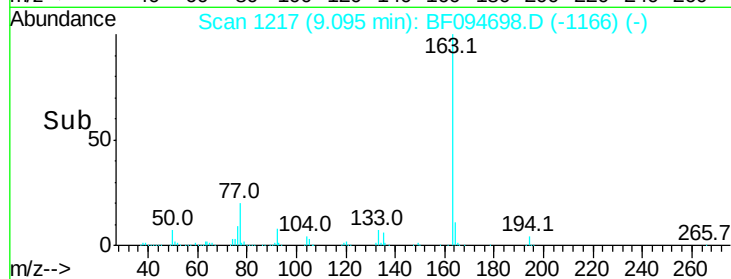
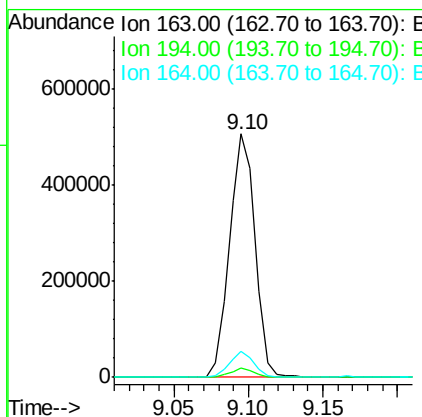
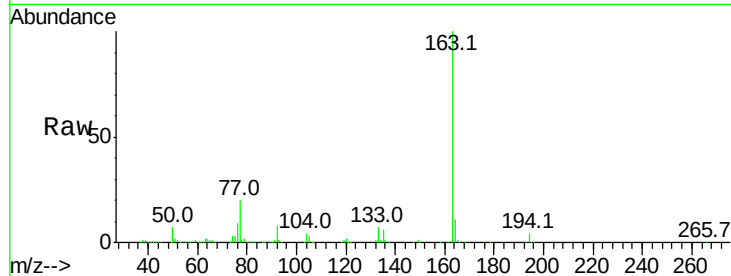
#49
Dimethylphthalate
Concen: 46.61 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	607514		
194	3.7		2.6	4.0
164	10.6		8.4	12.6

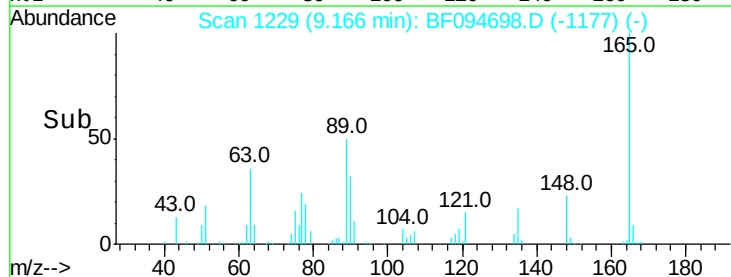
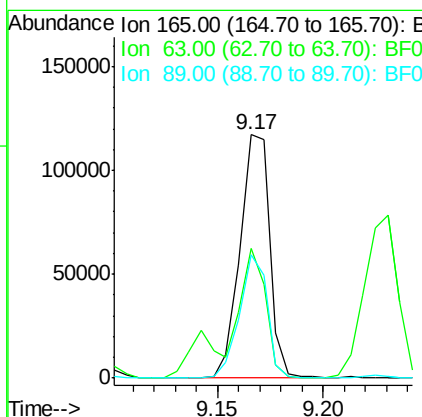
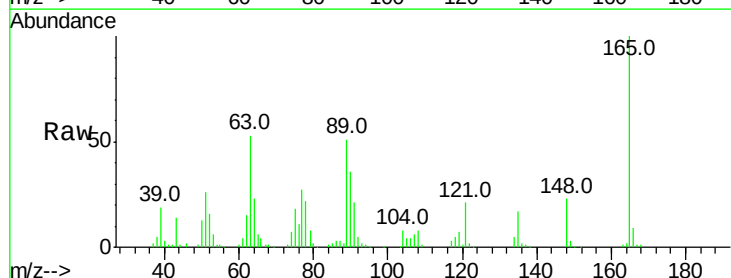
Manual Integrations
APPROVED

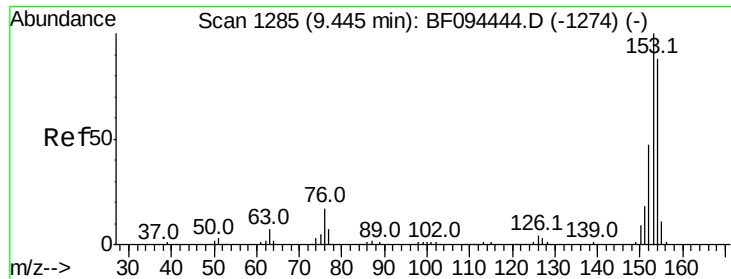
mohammad
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#50
2,6-Dinitrotoluene
Concen: 39.02 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114155		
63	53.5		34.3	51.5#
89	50.7		37.1	55.7





#51

Acenaphthene

Concen: 40.28 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

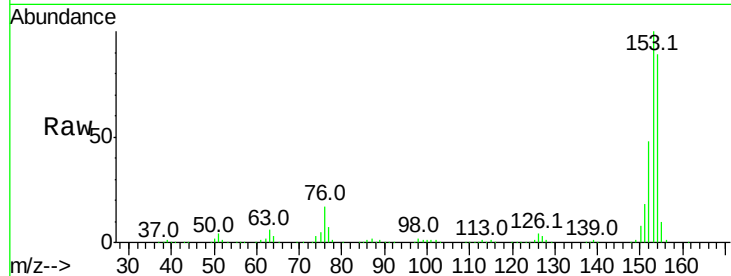
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	53.3	43.6	65.4

Manual Integrations
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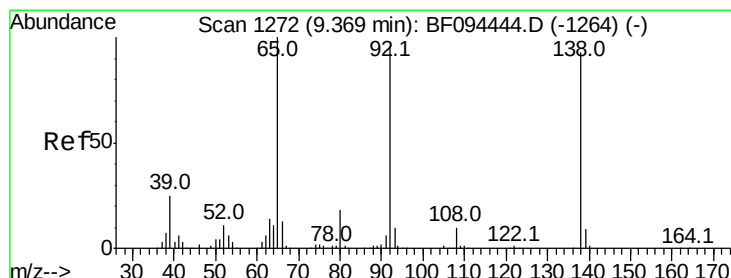
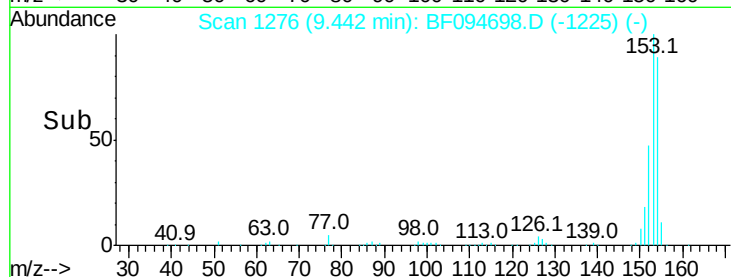
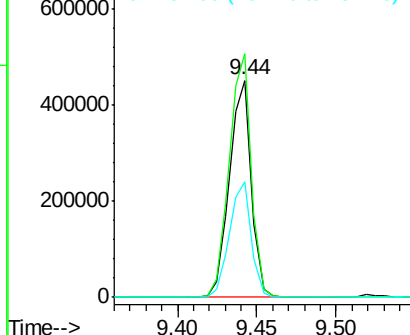
mohammad
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.54 ng

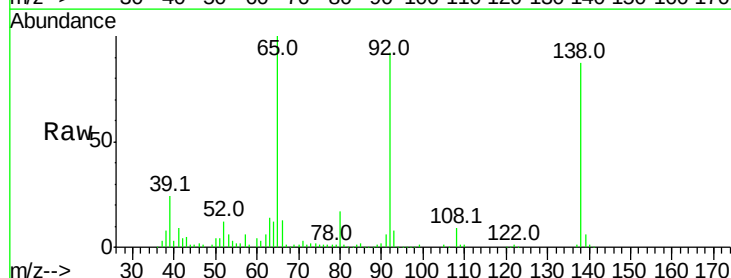
RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

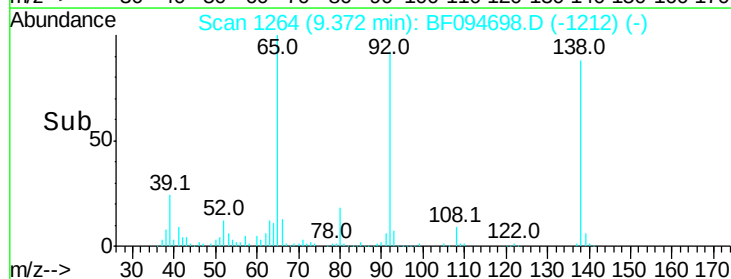
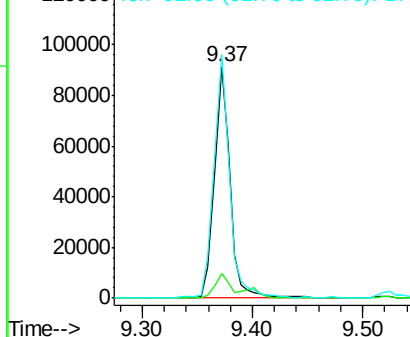
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	105.4	93.8	140.6

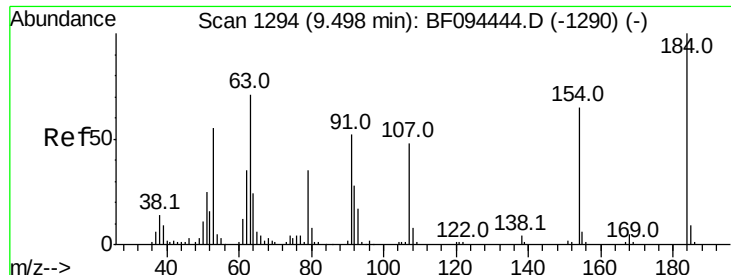


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





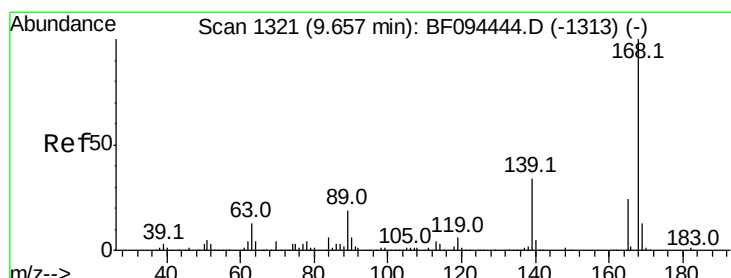
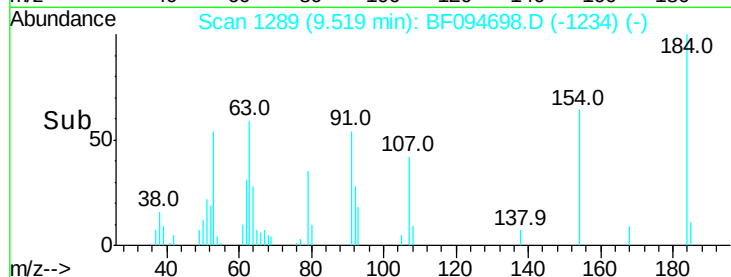
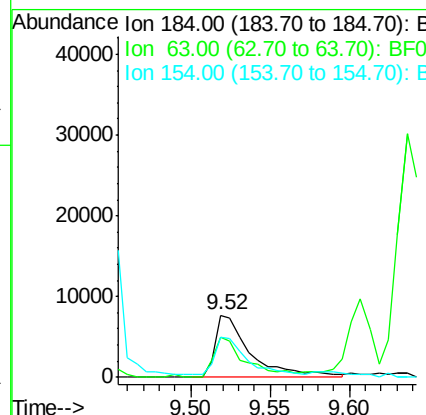
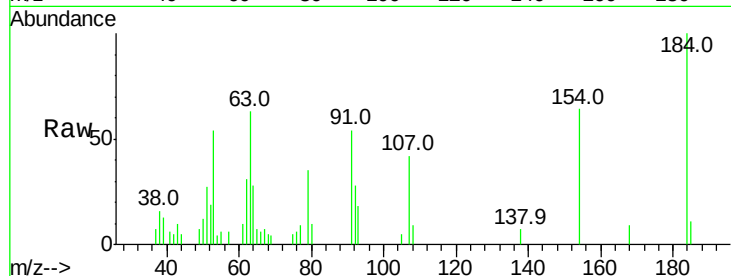
#53
 2,4-Dinitrophenol
 Concen: 12.82 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.3	62.7	94.1
154	63.8	81.1	121.7#

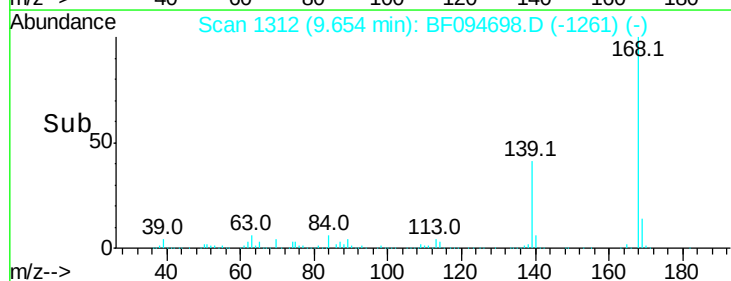
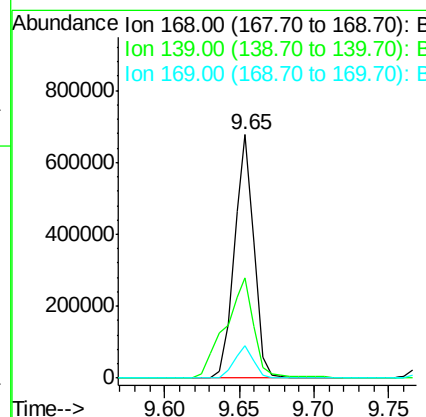
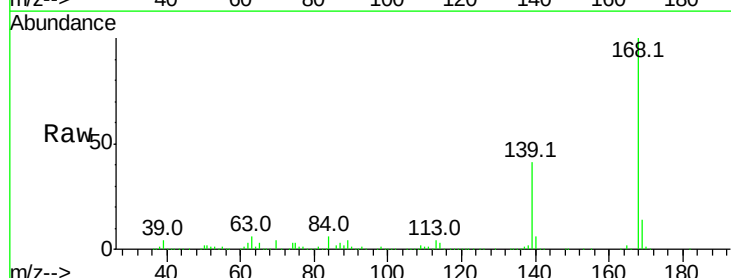
Manual Integrations
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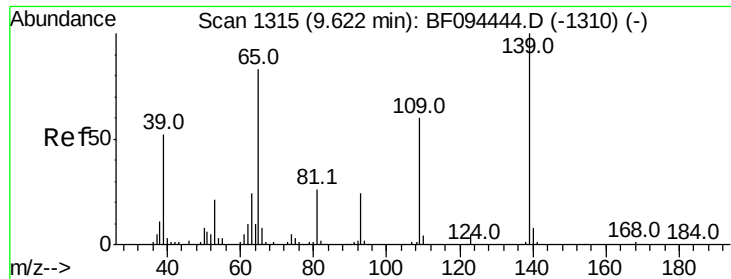
mohammad
 5/1/2017 6:36:23 PM



#54
 Dibenzofuran
 Concen: 40.50 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	30.6	45.8
169	13.6	10.8	16.2





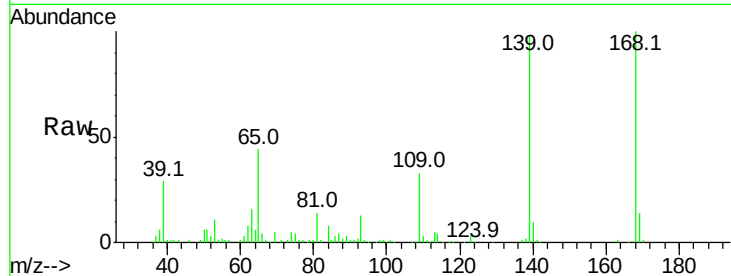
#55
4-Nitrophenol
Concen: 52.13 ng/ml
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

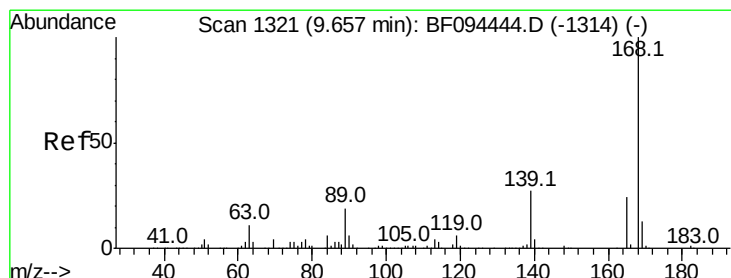
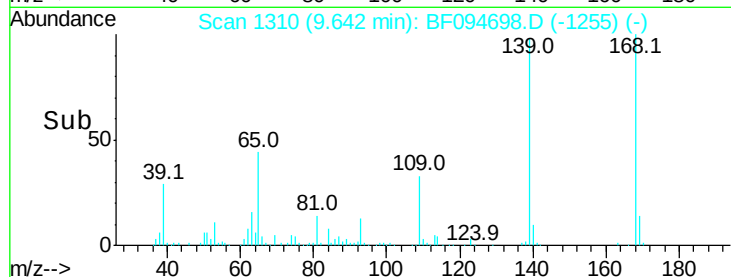
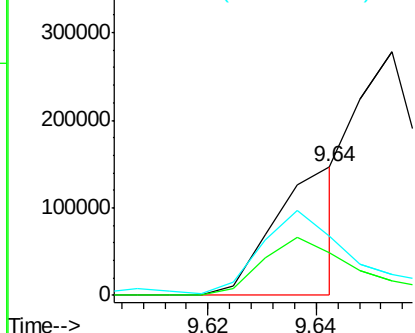
Tot Ion	Ratio	Lower	Upper
139	100		
109	33.6	34.1	74.1#
65	45.5	31.4	71.4

Manual Integrations
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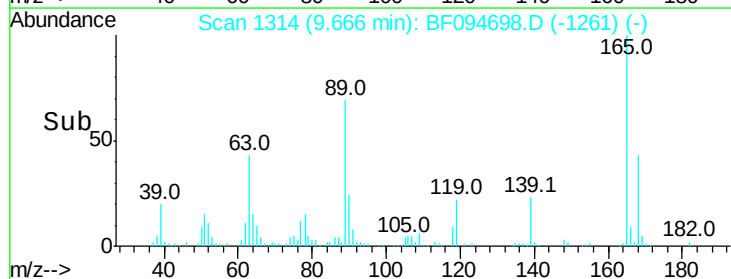
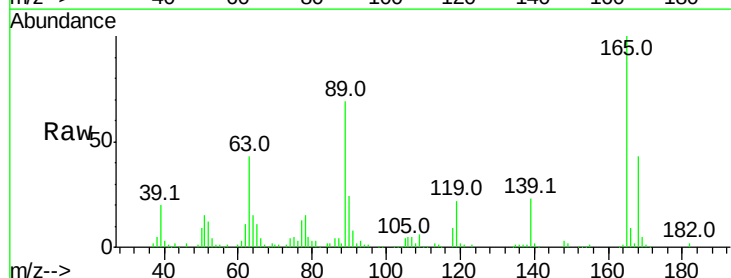
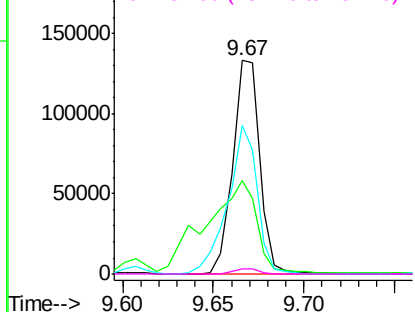
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

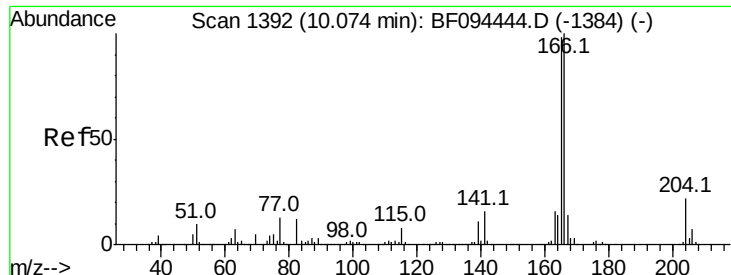


#56
2,4-Dinitrotoluene
Concen: 38.53 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	25.4	38.0#
89	69.4	46.4	69.6
182	2.4	1.8	2.6

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
Ion 182.00 (181.70 to 182.70): E





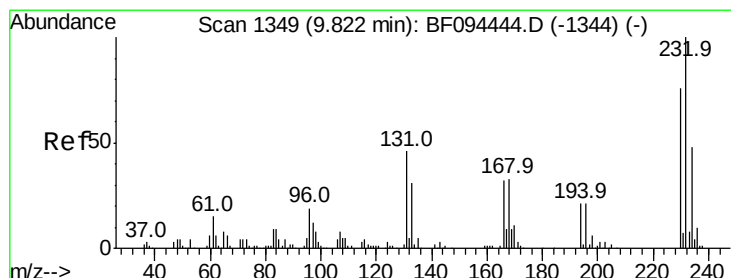
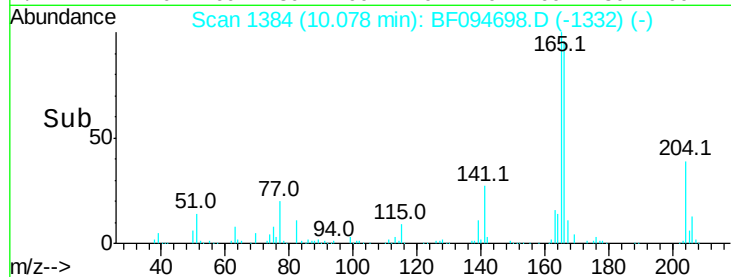
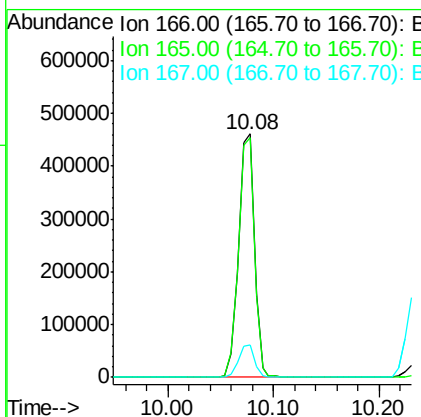
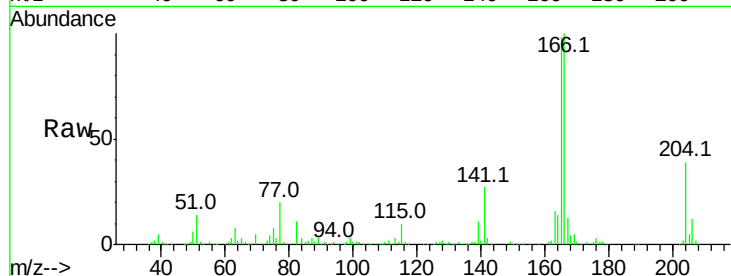
#57
Fluorene
 Concen: 39.57 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	475173		
165	98.5		78.8	118.2
167	13.1		10.6	16.0

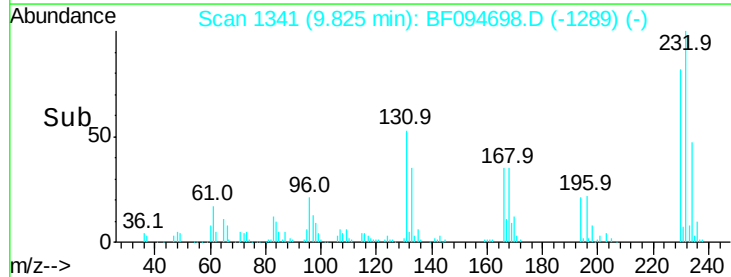
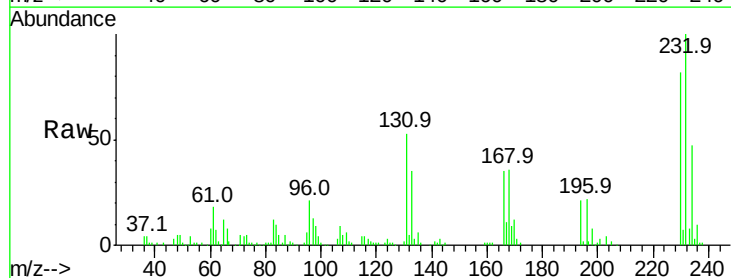
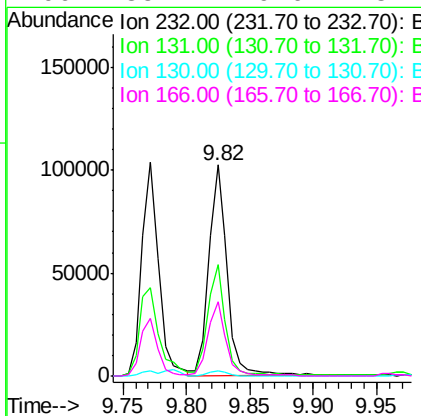
Manual Integrations
 APPROVED

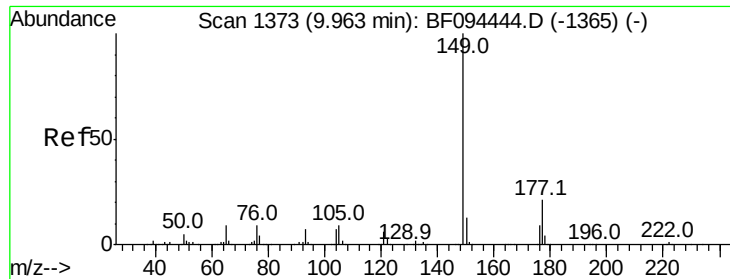
mohammad
 5/1/2017 6:36:23 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.29 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	103714		
231	52.5		44.8	67.2
130	2.6		2.3	3.5
166	35.2		29.0	43.4





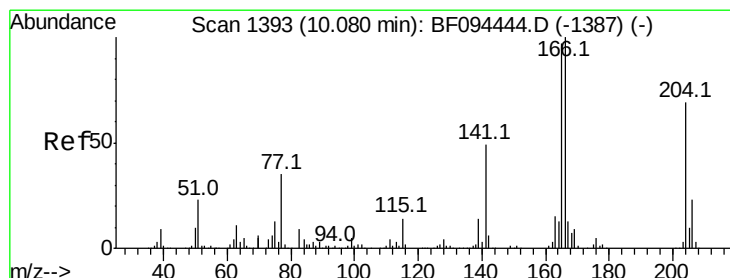
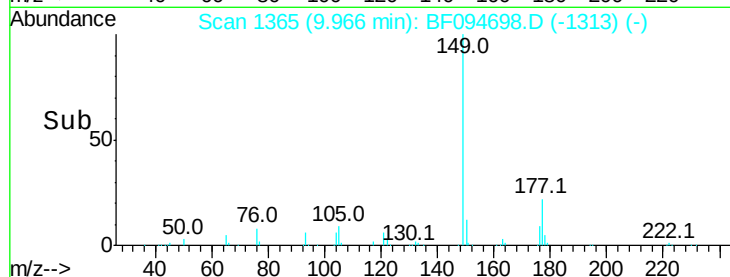
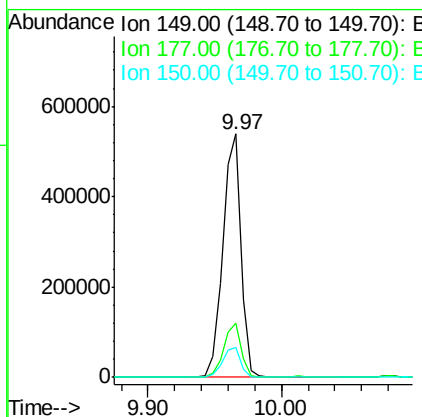
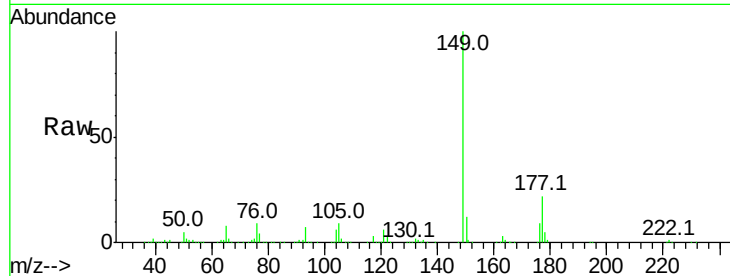
#59
Diethylphthalate
Concen: 42.22 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	519171		
177	22.2	16.7	25.1	
150	12.3	10.2	15.2	

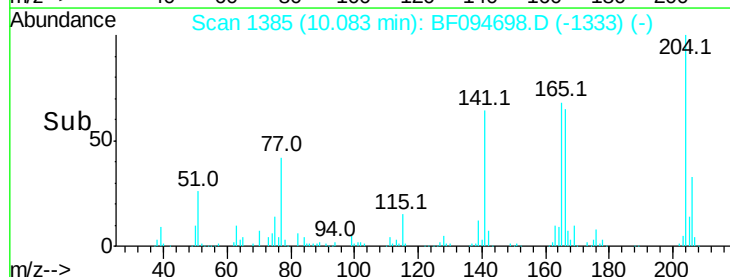
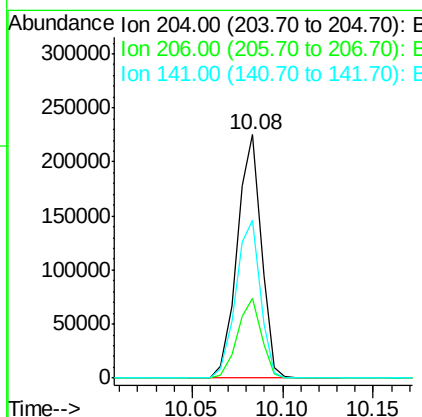
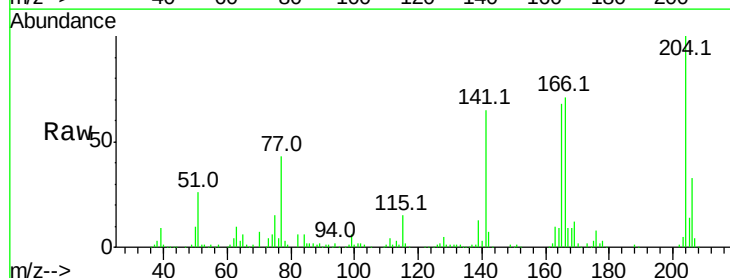
Manual Integrations
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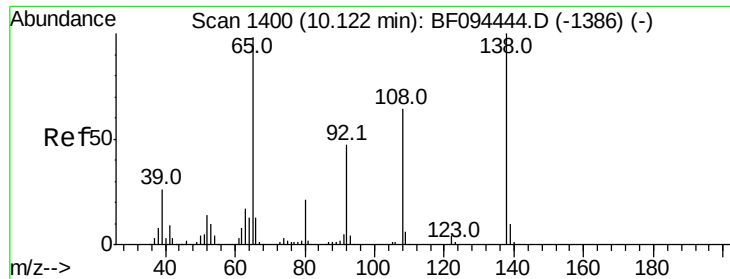
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 41.65 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	208134		
206	32.8	26.2	39.2	
141	64.8	60.8	91.2	





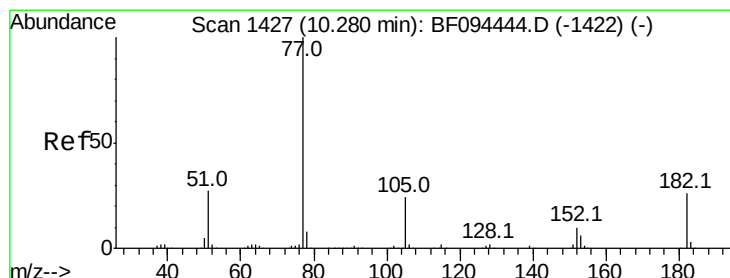
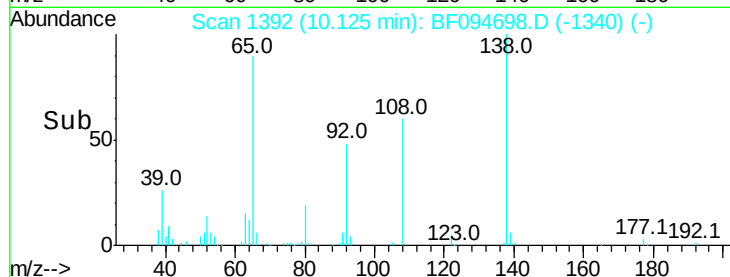
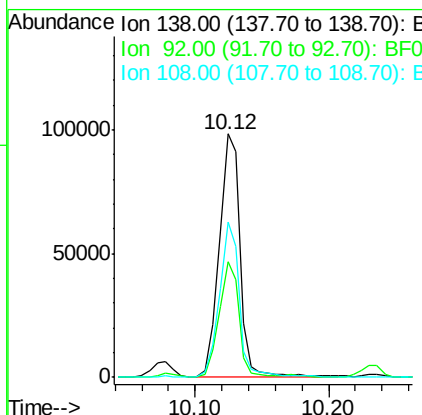
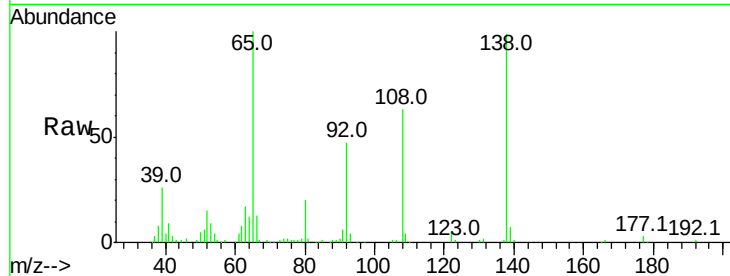
#61
4-Nitroaniline
Concen: 31.83 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	109527		
92	47.8	21.8	61.8	
108	63.7	42.3	82.3	

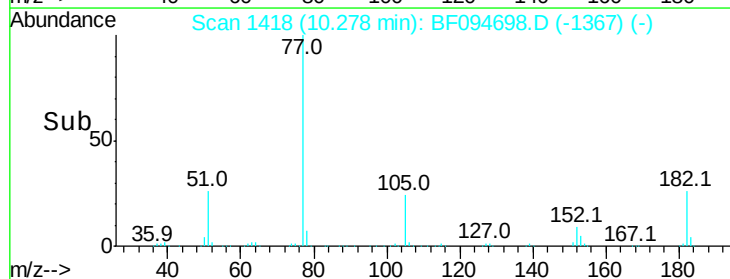
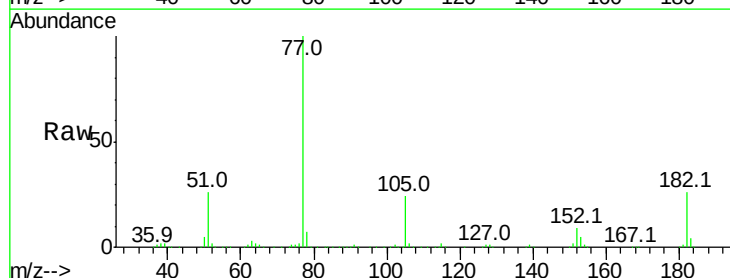
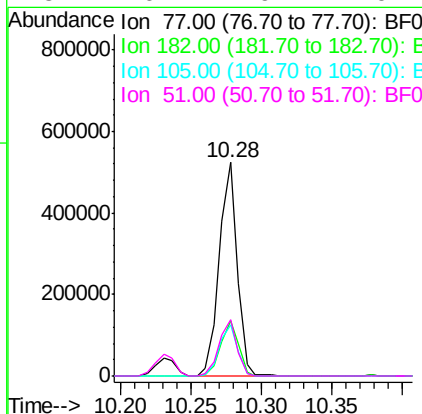
Manual Integrations
APPROVED

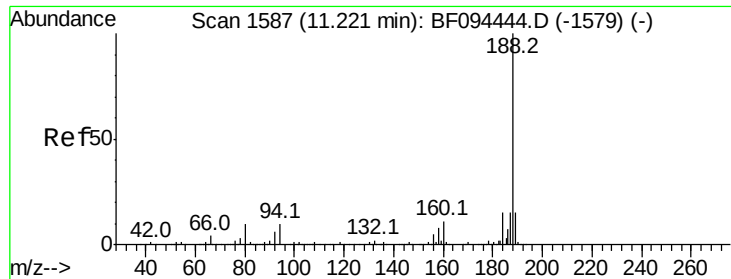
mohammad
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#62
Azobenzene
Concen: 38.74 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	462627		
182	25.7	0.1	40.1	
105	24.2	3.6	43.6	
51	26.2	9.4	49.4	





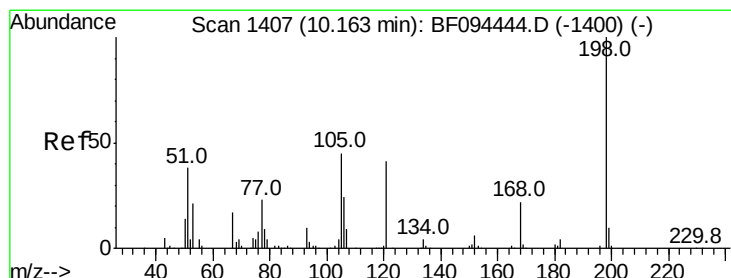
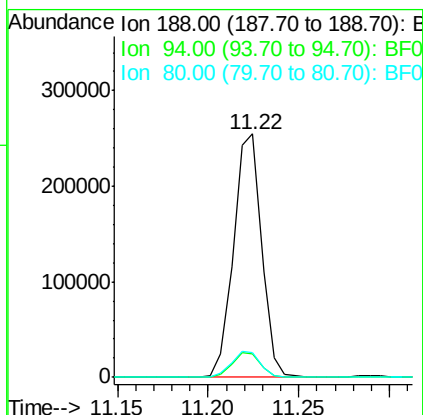
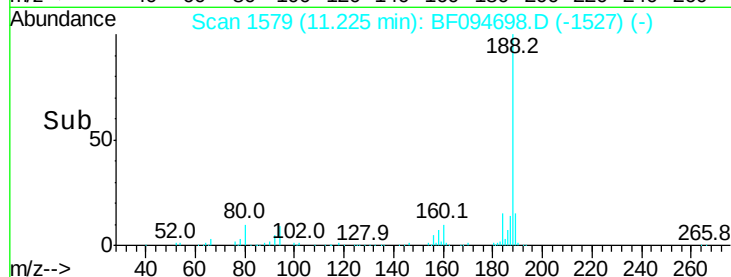
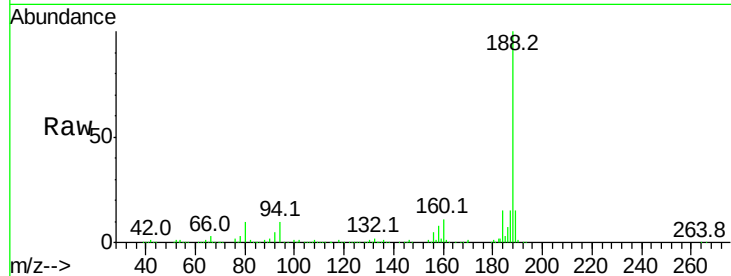
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	274799		
94	9.7		9.4	14.2
80	10.2		10.2	15.2

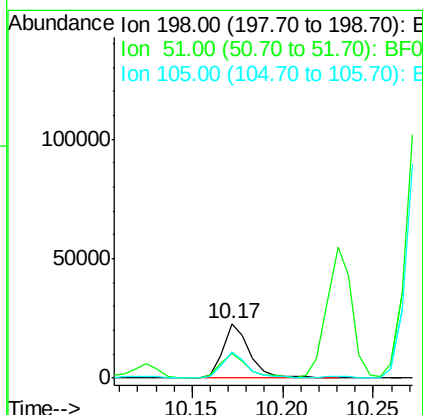
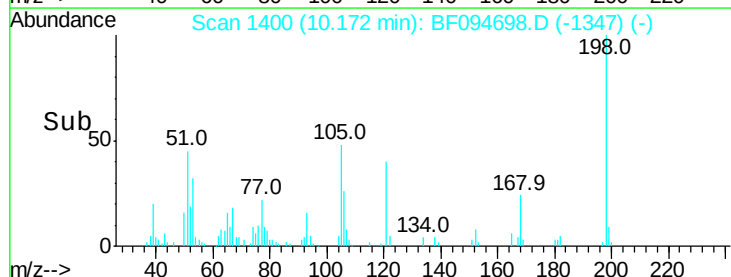
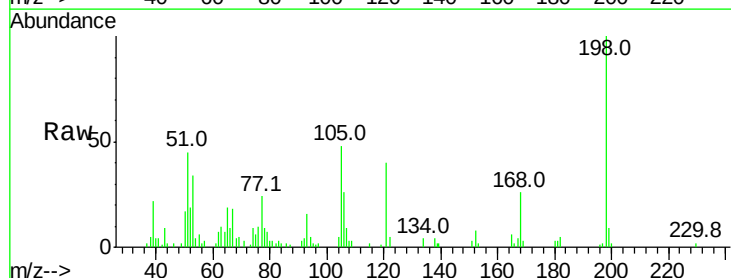
Manual Integrations
APPROVED

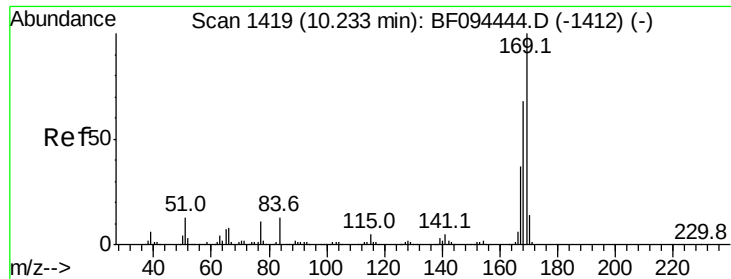
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 12.89 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23214		
51	45.2		53.2	93.2#
105	48.0		45.8	85.8





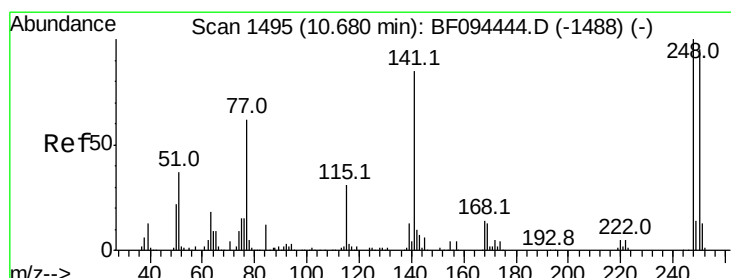
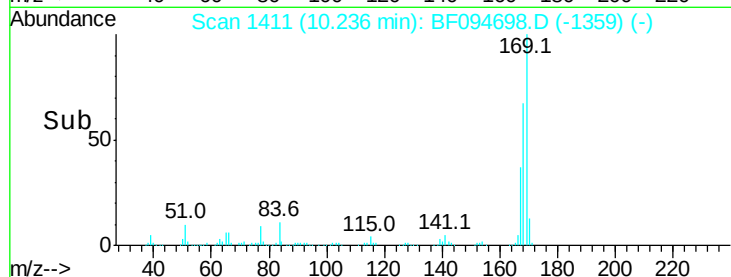
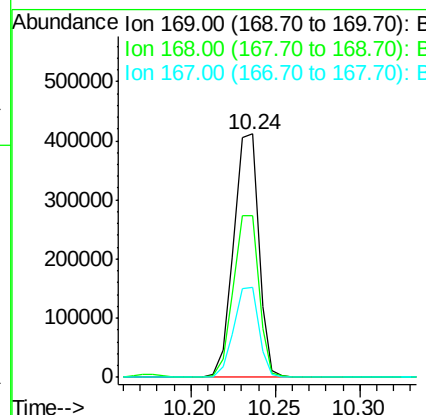
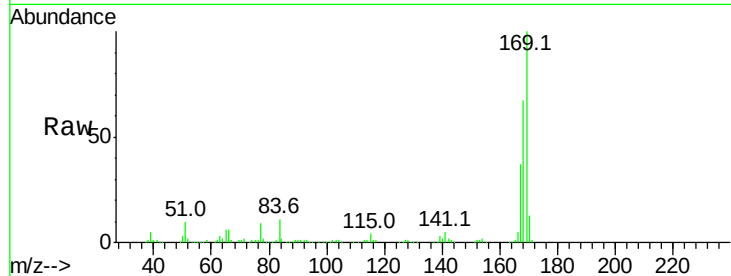
#65
 n-Nitrosodiphenylamine
 Concen: 44.65 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.7	53.2	79.8	
167	37.0	29.5	44.3	

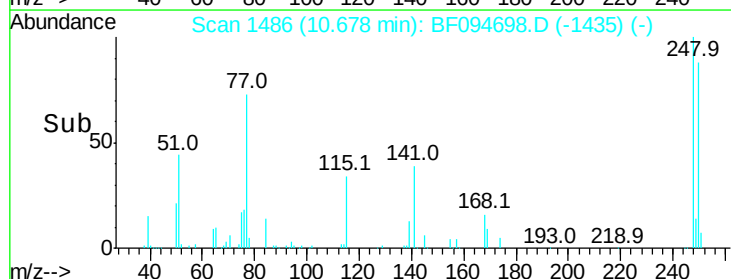
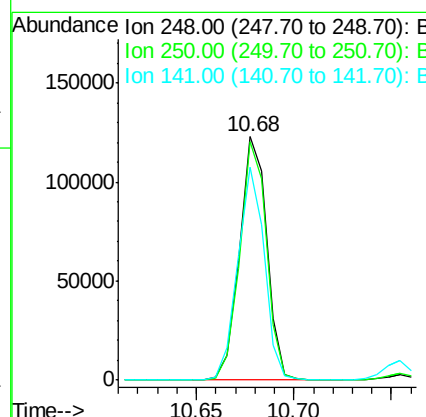
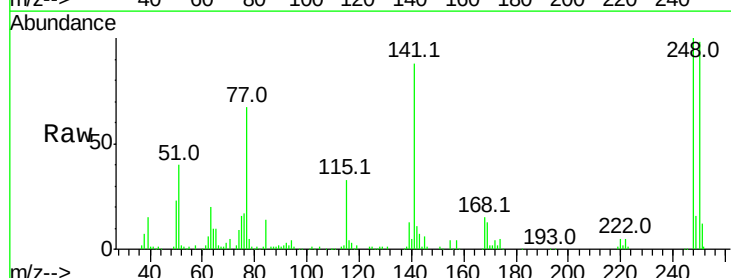
Manual Integrations
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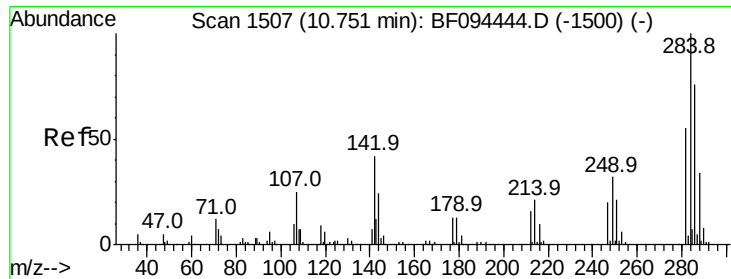
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#66
 4-Bromophenyl-phenylether
 Concen: 43.71 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.0	76.8	115.2	
141	87.6	68.6	103.0	





#67

Hexachlorobenzene

Concen: 42.67 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

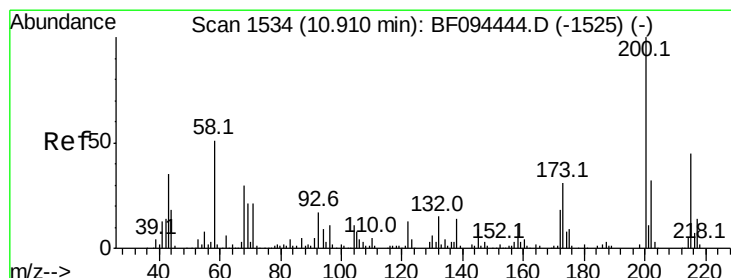
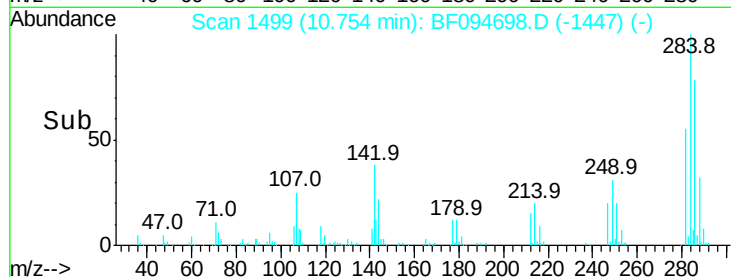
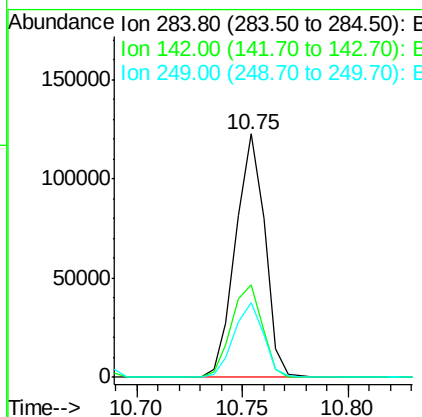
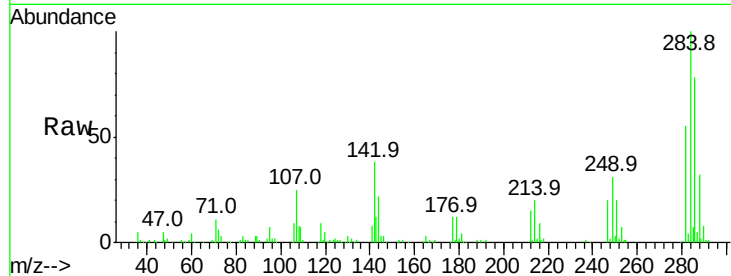
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:	284	Resp:	117326
Ion Ratio	Lower	Upper	
284	100		
142	38.3	22.8	34.2#
249	30.8	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 41.96 ng

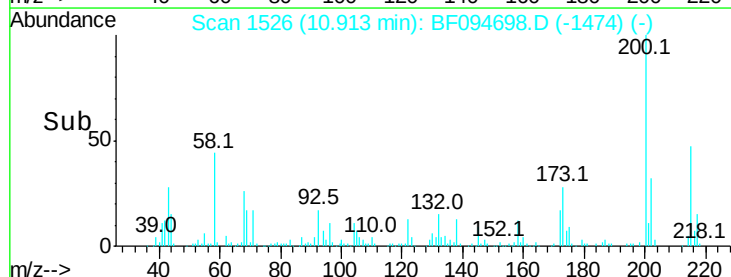
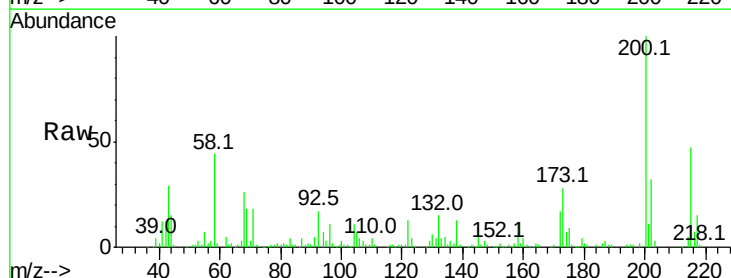
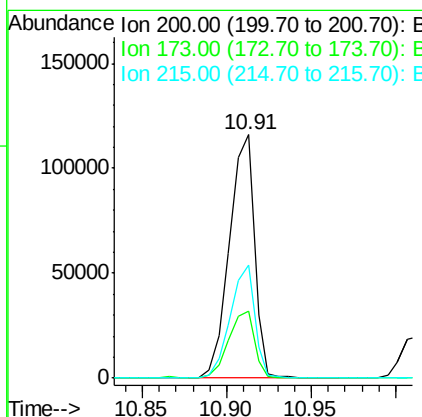
RT: 10.91 min Scan# 1526

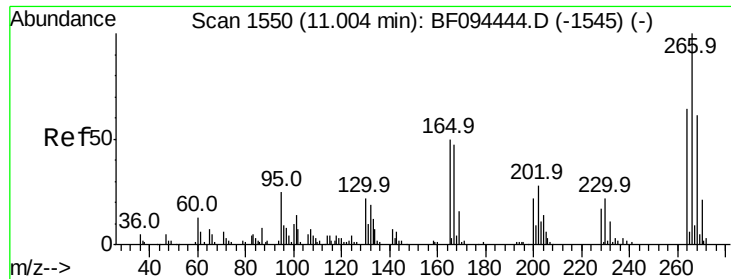
Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:	200	Resp:	119954
Ion Ratio	Lower	Upper	
200	100		
173	27.7	6.3	46.3
215	46.6	27.2	67.2





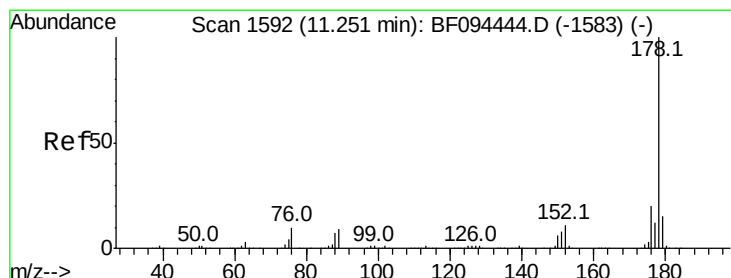
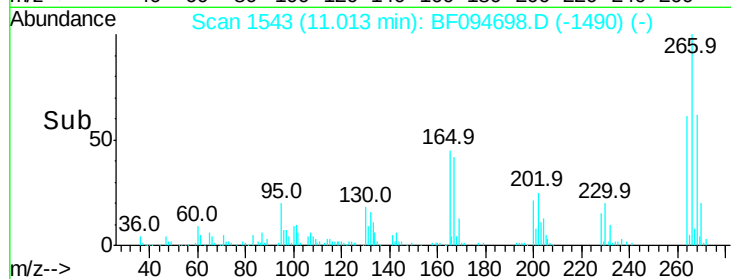
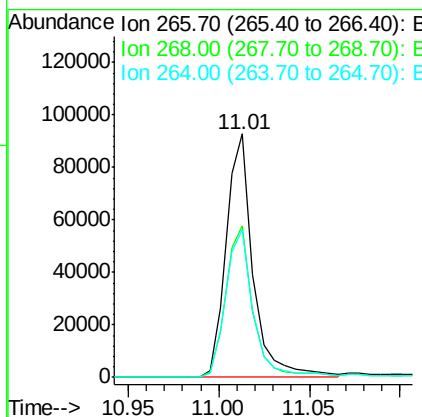
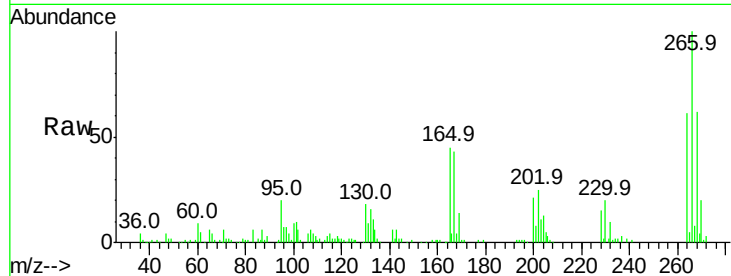
#69
 Pentachlorophenol
 Concen: 88.26 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	96372		
268	62.2		51.1	76.7
264	60.5		51.7	77.5

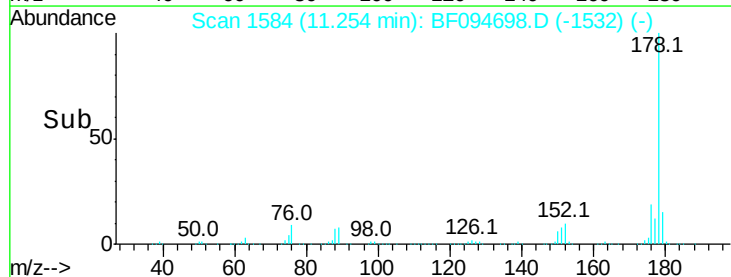
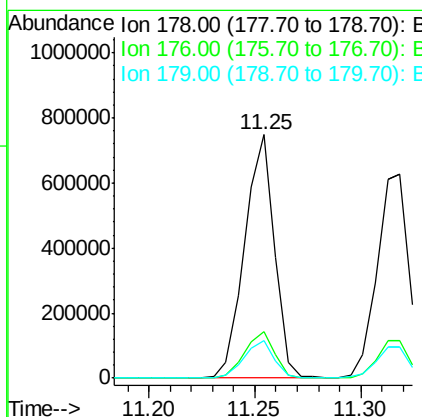
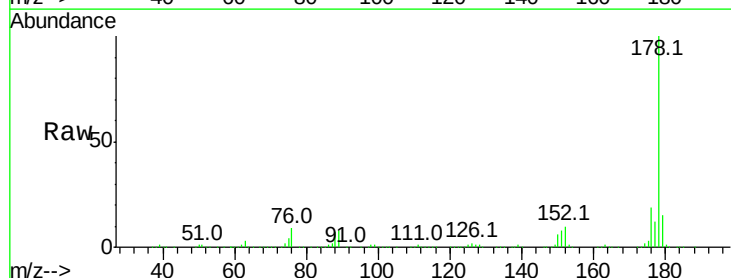
Manual Integrations
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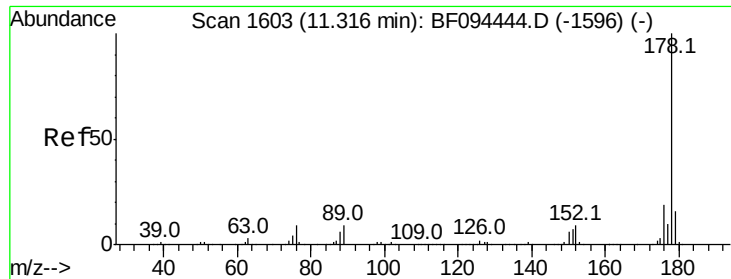
mohammad
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#70
 Phenanthrene
 Concen: 47.41 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	733640		
176	19.1		16.2	24.4
179	15.4		12.6	19.0





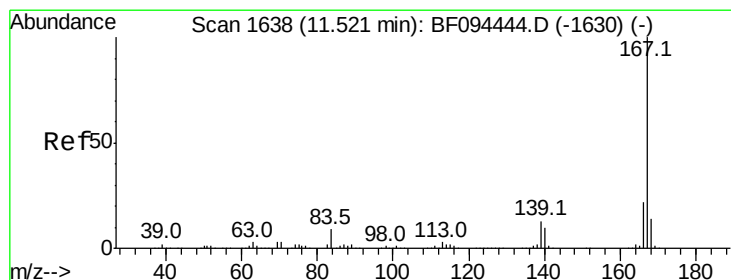
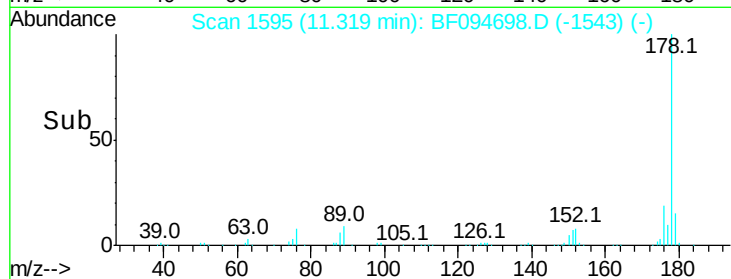
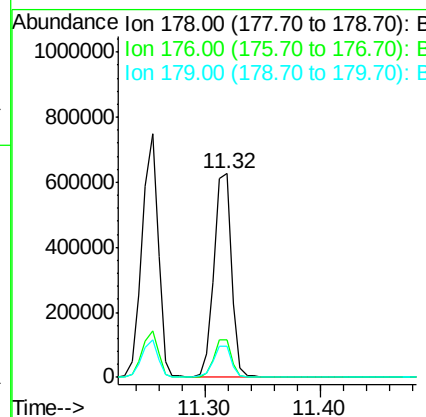
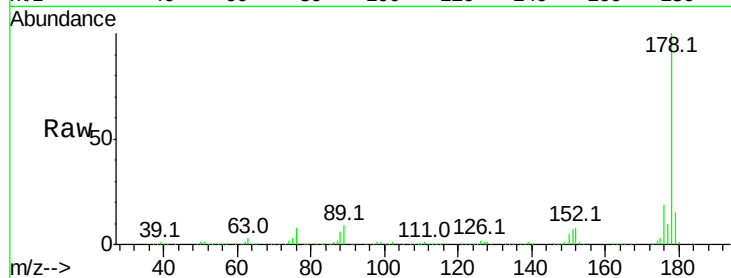
#71
 Anthracene
 Concen: 41.63 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.1	12.7	19.1

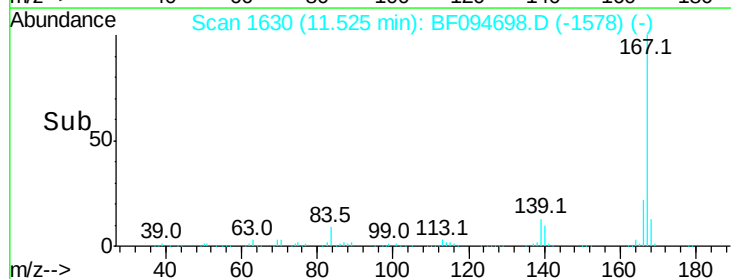
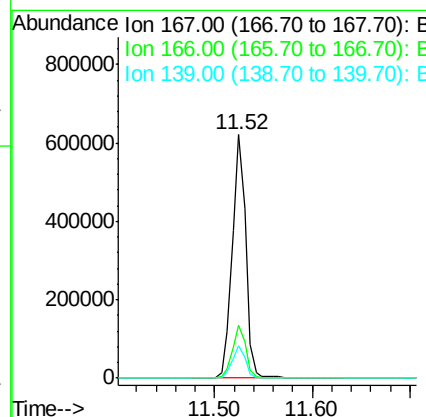
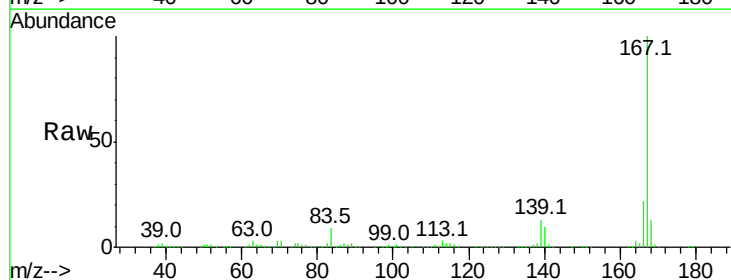
Manual Integrations
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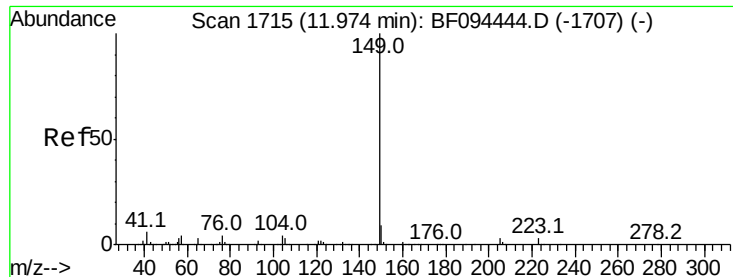
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#72
 Carbazole
 Concen: 39.72 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.07 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

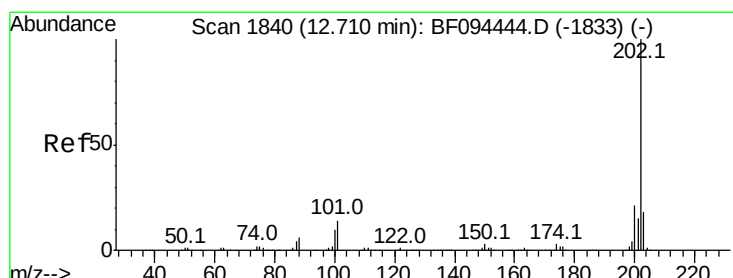
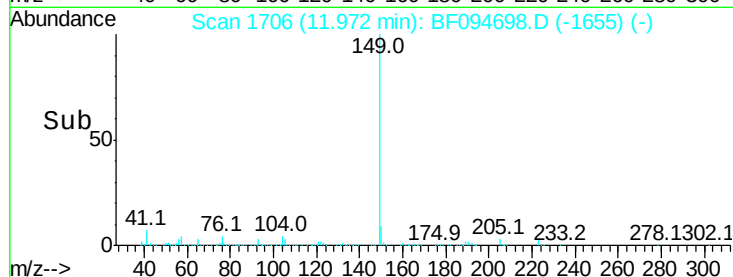
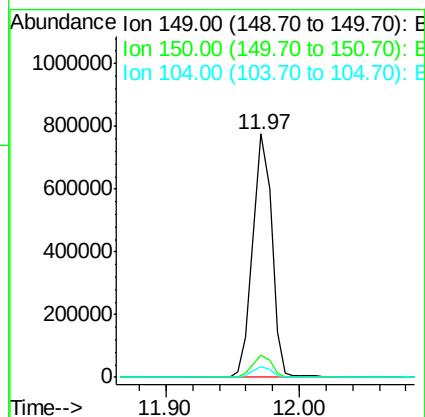
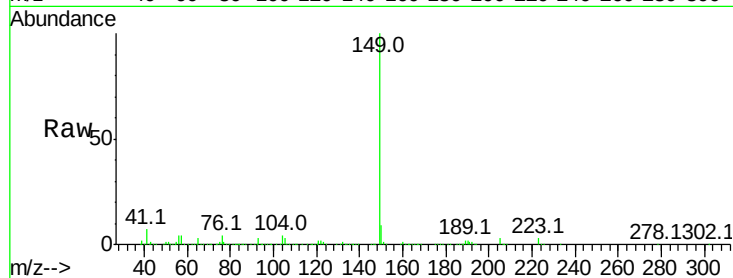
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:	149	Resp:	762090
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 47.47 ng

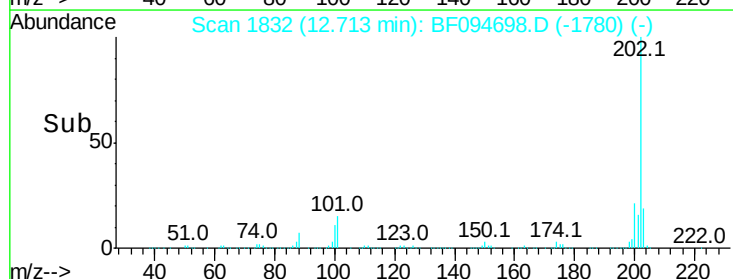
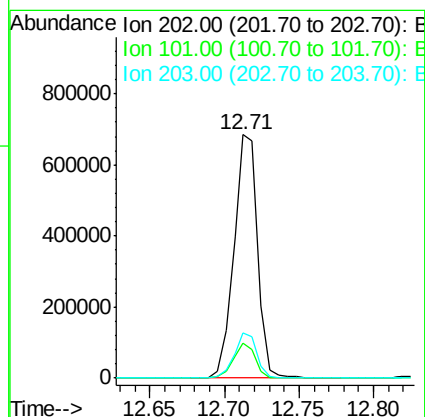
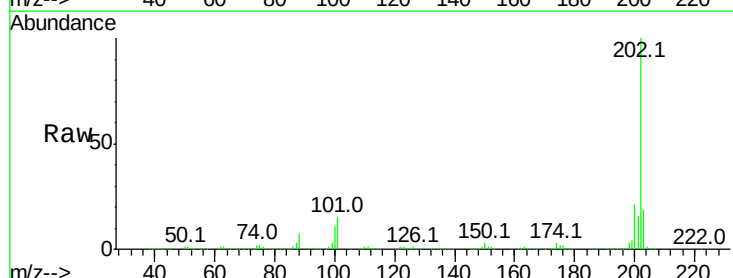
RT: 12.71 min Scan# 1832

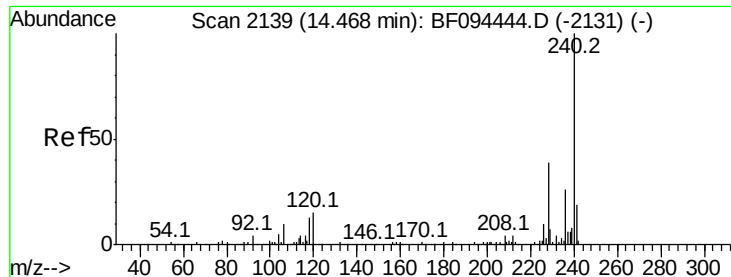
Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:	202	Resp:	761355
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.2
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

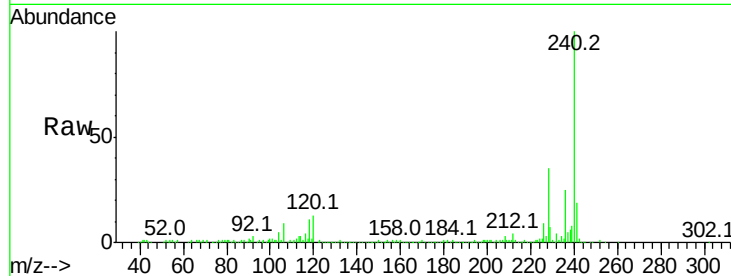
ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.1	5.8	8.8#	
236	24.9	20.5	30.7	

Manual Integrations
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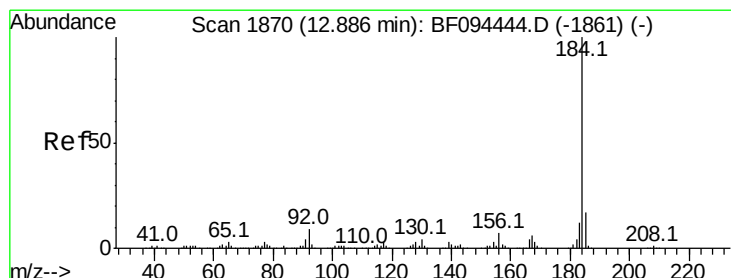
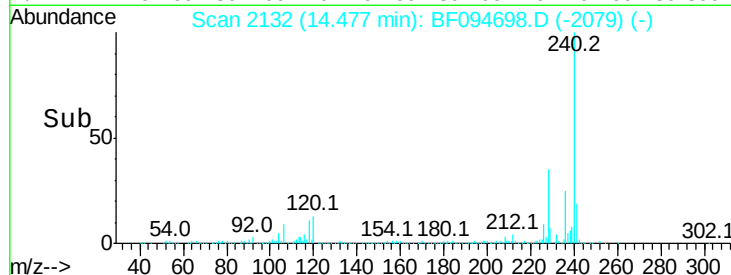
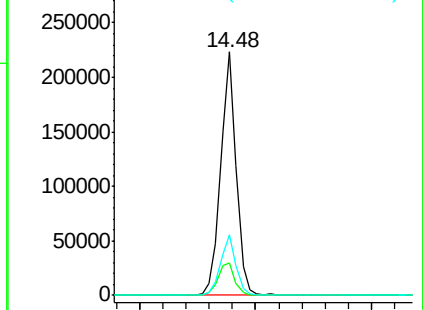
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.91 ng

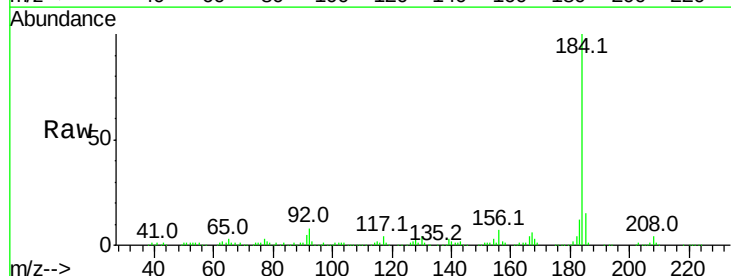
RT: 12.90 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

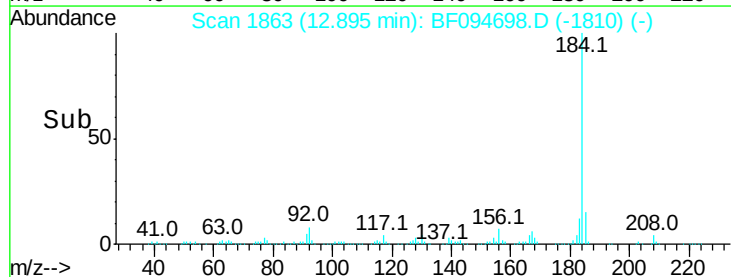
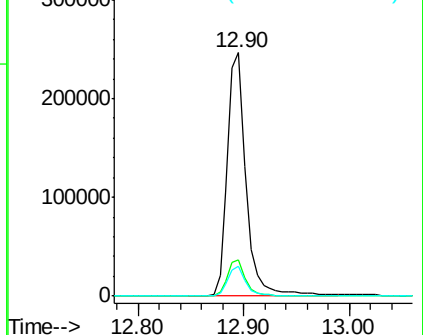
Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	15.5	23.3#	
183	12.4	9.8	14.6	

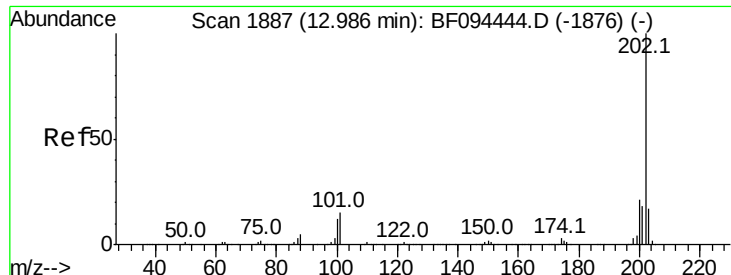


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.67 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

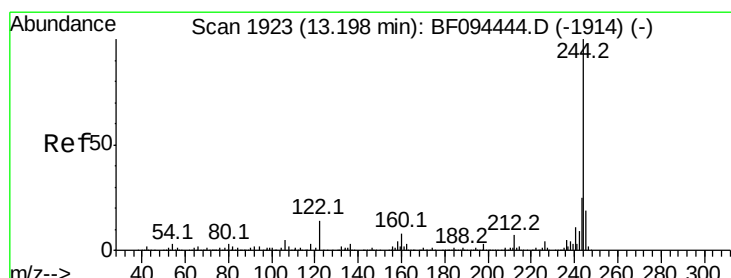
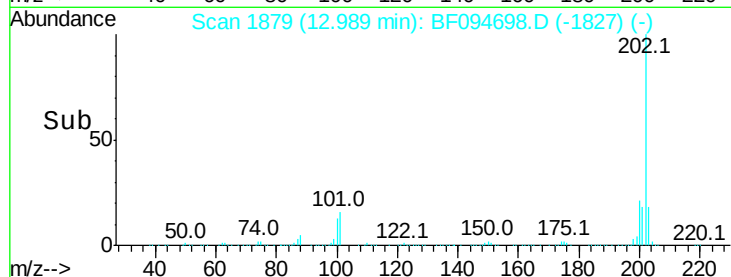
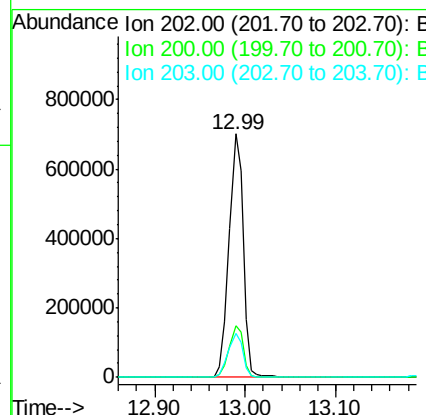
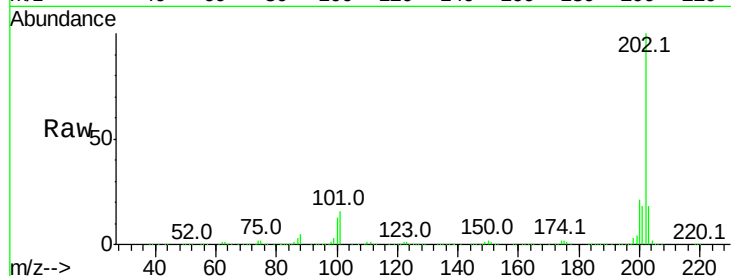
Instrument :
BNA_F

ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.3	14.4	21.6

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#78

Terphenyl-d14

Concen: 83.39 ng

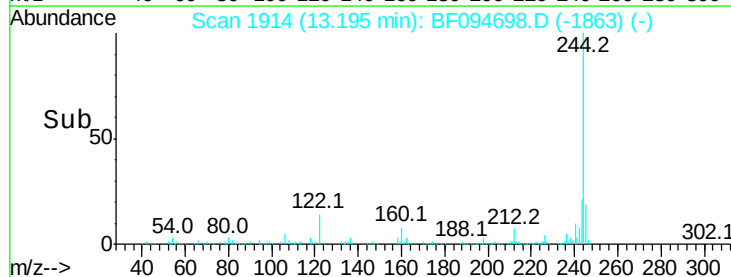
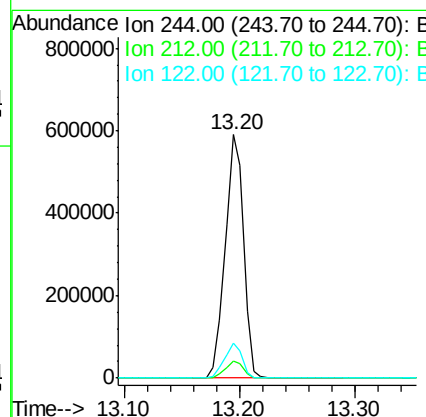
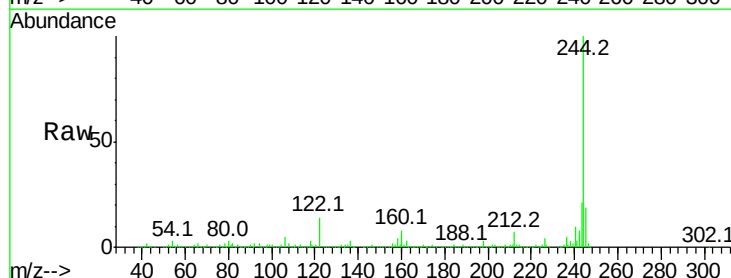
RT: 13.20 min Scan# 1914

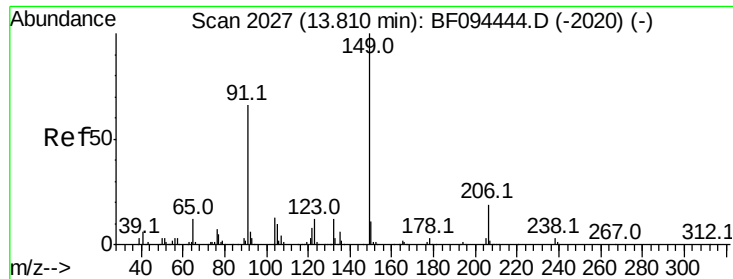
Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.4	10.3	15.5





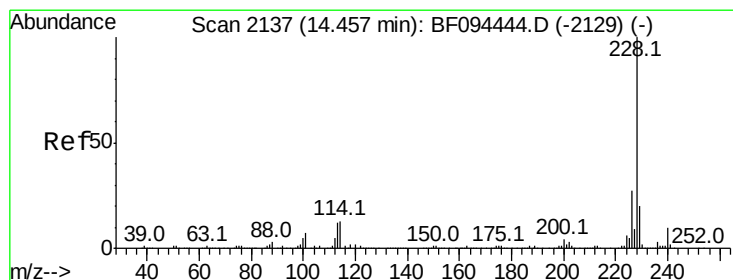
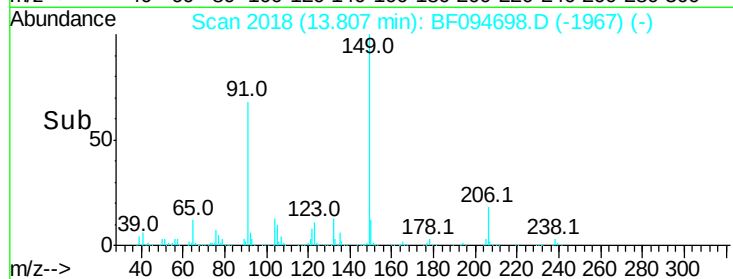
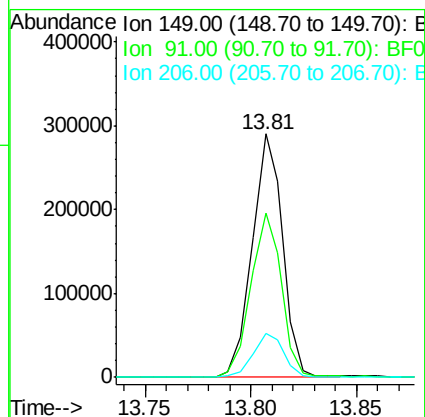
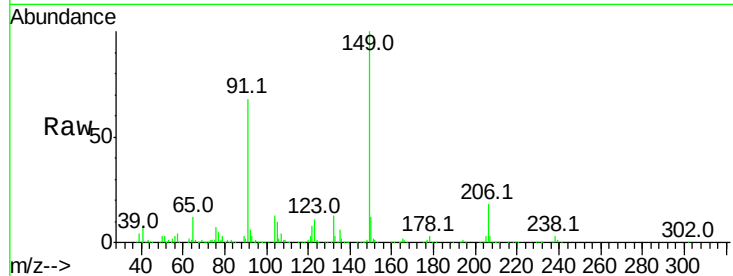
#79
Butylbenzylphthalate
Concen: 45.37 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	289872		
91	67.7	45.0	67.4#	
206	18.3	17.0	25.6	

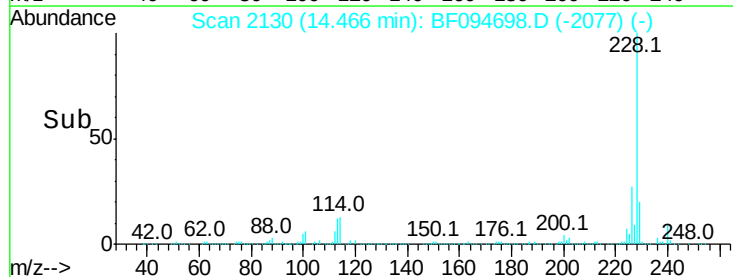
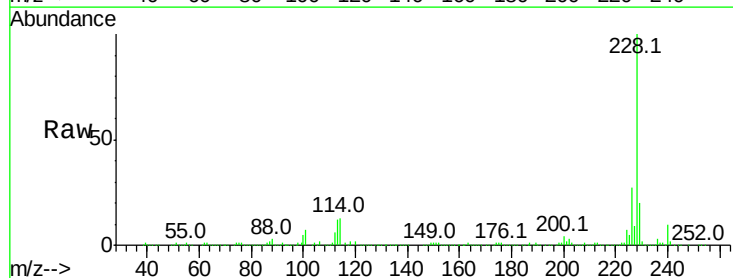
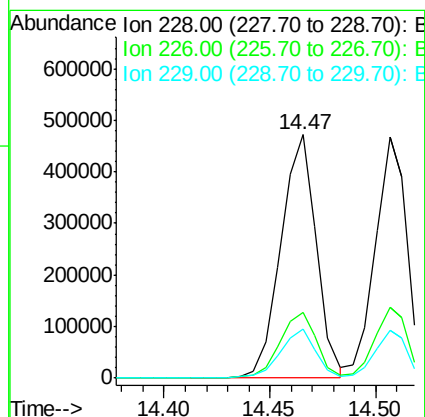
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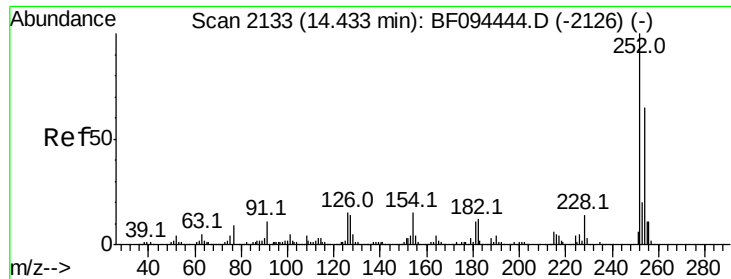
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#80
Benzo(a)anthracene
Concen: 45.40 ng
RT: 14.47 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	550676		
226	27.1	22.6	33.8	
229	20.1	16.3	24.5	





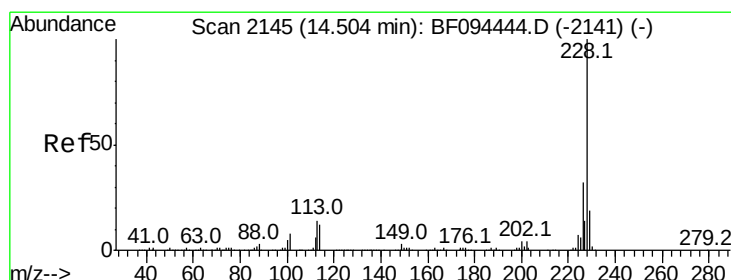
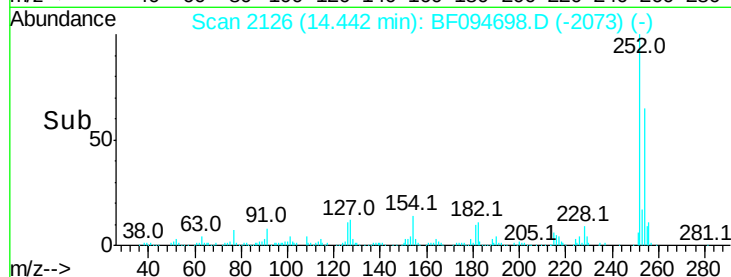
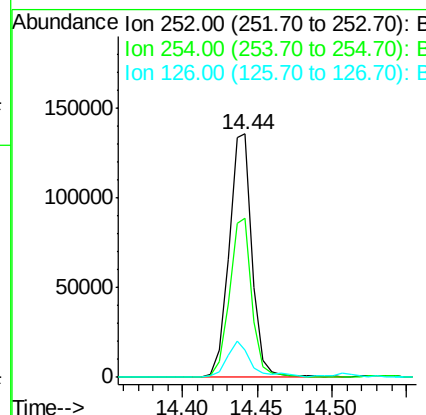
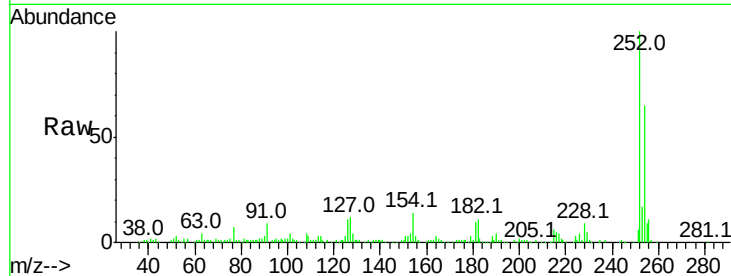
#81
 3,3'-Dichlorobenzidine
 Concen: 34.78 ng
 RT: 14.44 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	149313		
254	65.5	51.5	77.3	
126	11.3	15.8	23.8	

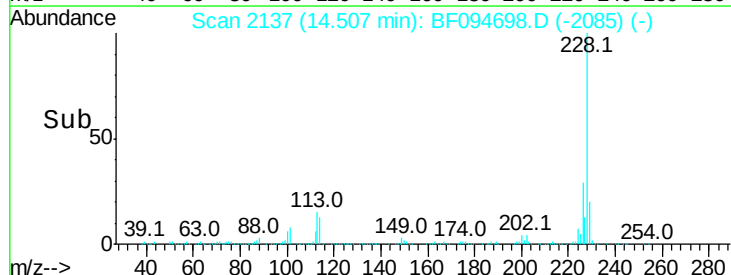
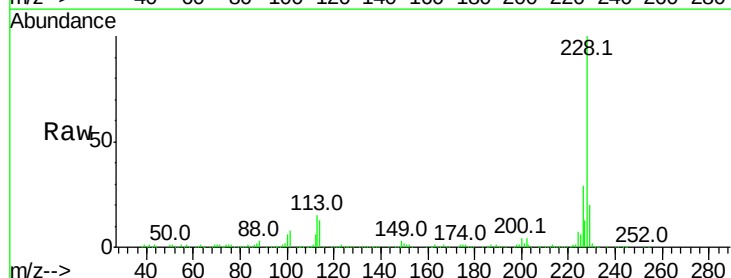
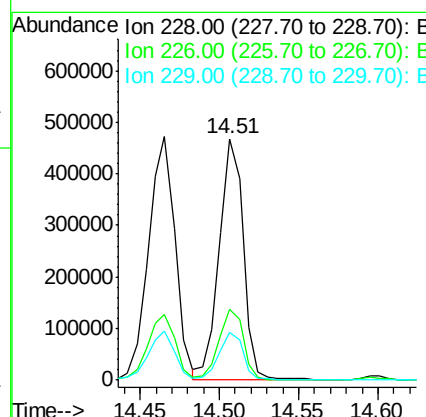
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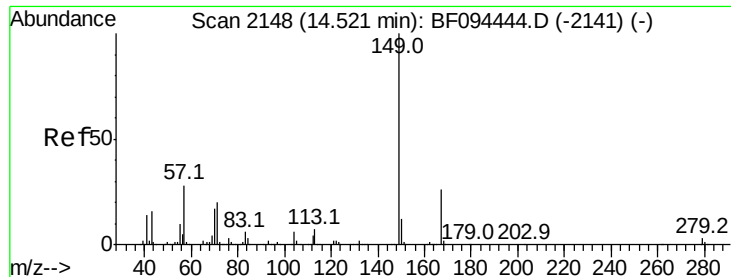
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#82
 Chrysene
 Concen: 44.44 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	492646		
226	29.4	24.9	37.3	
229	19.9	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.49 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

MANHOLE-9-COMPMSD

Tot Ion:149 Resp: 407402

Ion Ratio Lower Upper

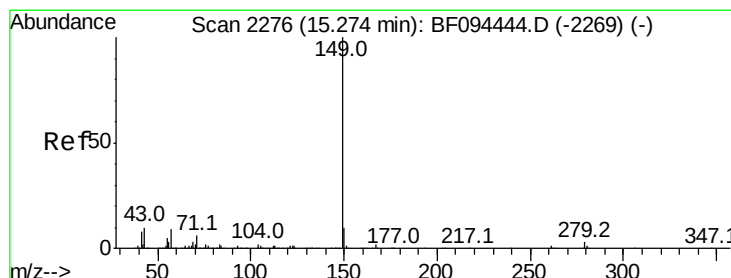
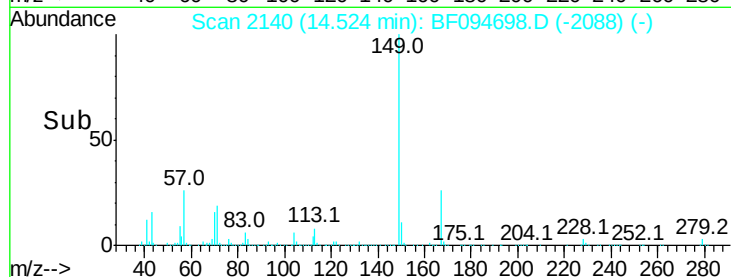
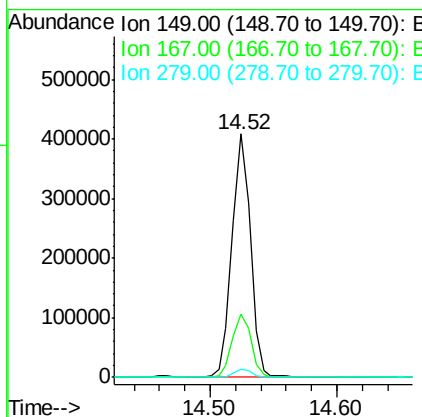
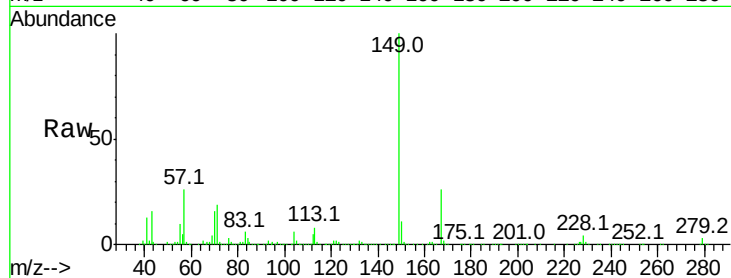
149 100

167 26.1 21.0 31.4

279 3.1 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 45.98 ng

RT: 15.28 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

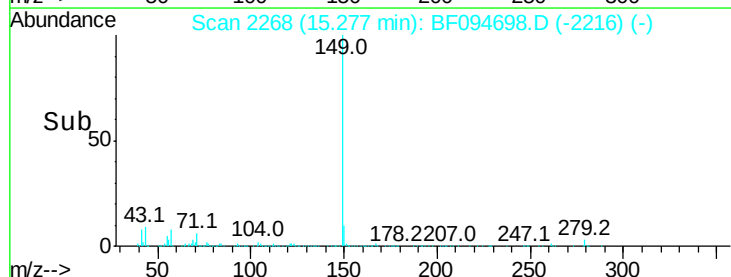
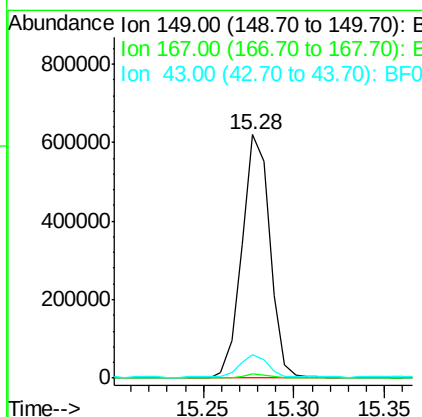
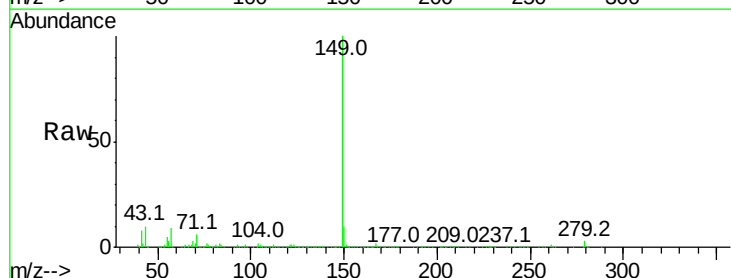
Tgt Ion:149 Resp: 661644

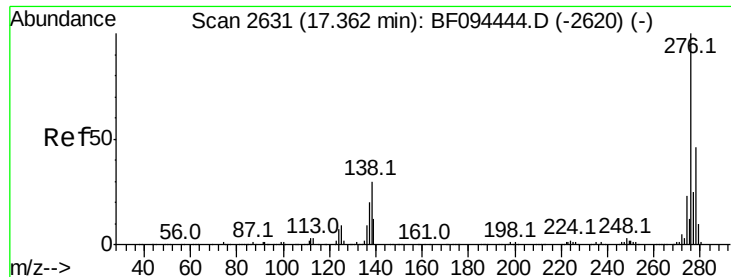
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.4 8.5 12.7





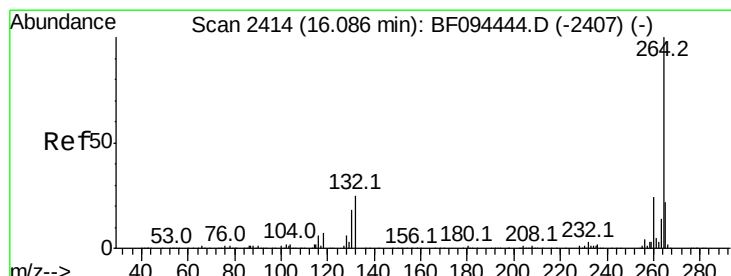
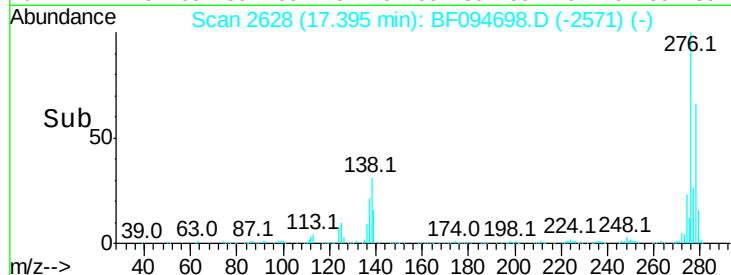
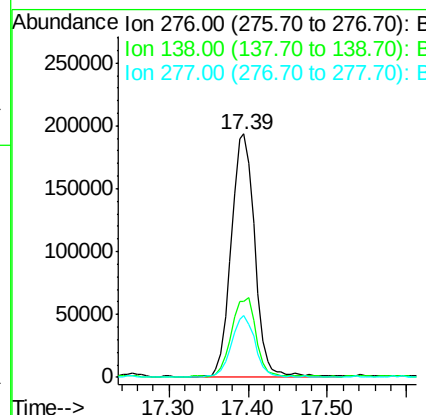
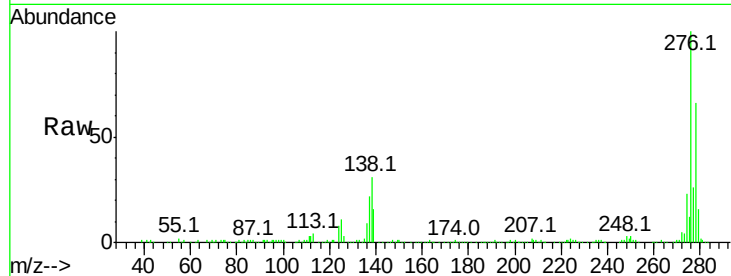
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.57 ng
 RT: 17.39 min Scan# 2628
 Delta R.T. 0.03 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion:	276	Resp:	396247
Ion Ratio	Lower	Upper	
276	100		
138	33.8	27.8	41.6
277	25.1	20.2	30.4

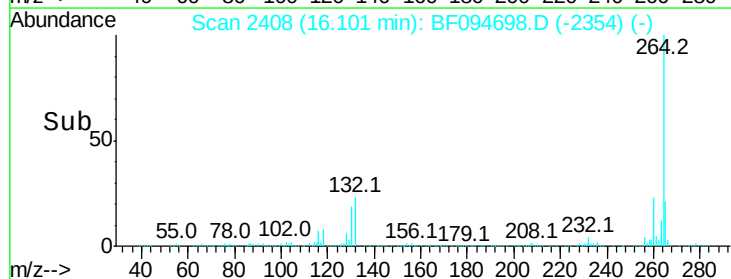
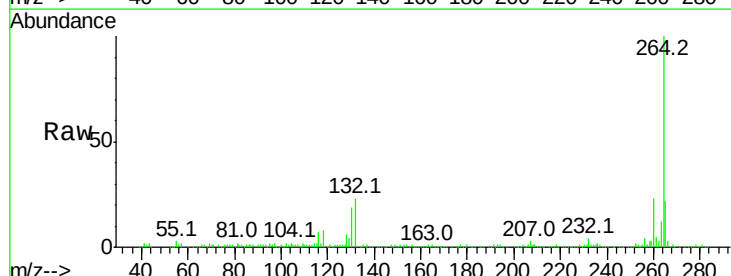
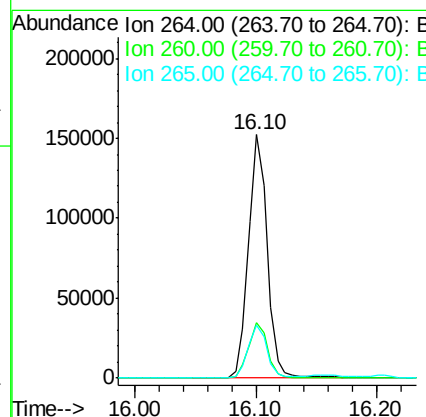
Manual Integrations
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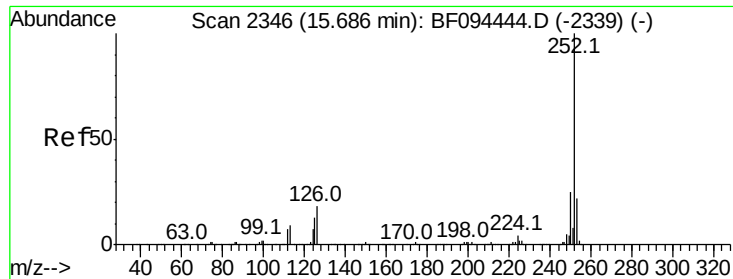
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:	264	Resp:	166941
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.5	29.3
265	21.5	17.2	25.8





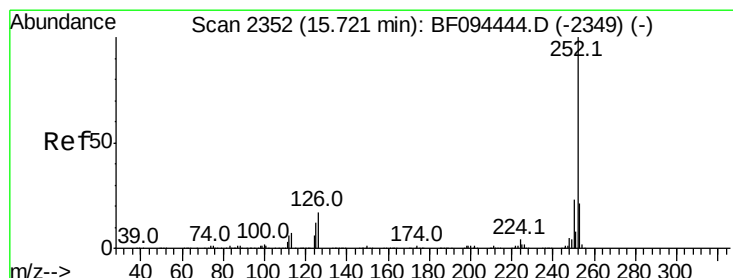
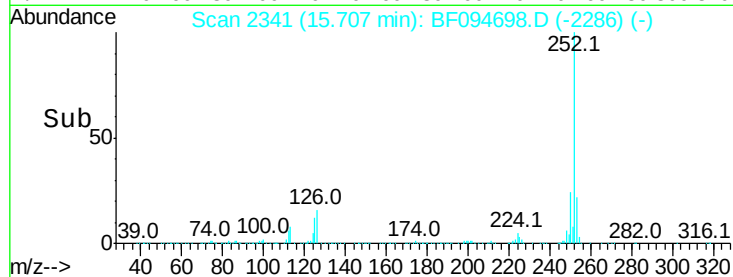
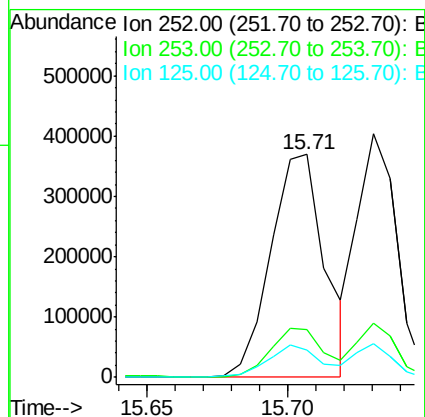
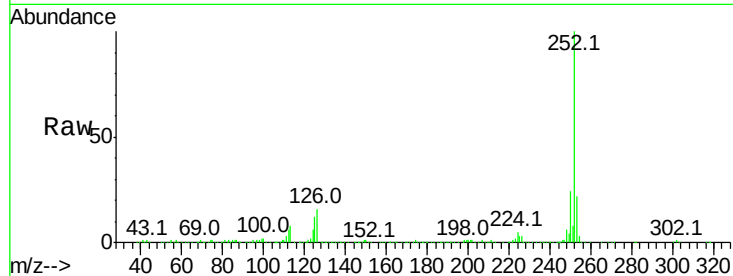
#87
Benzo(b)fluoranthene
Concen: 48.03 ng
RT: 15.71 min Scan# 2341
Delta R.T. 0.02 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.3	9.8	14.8

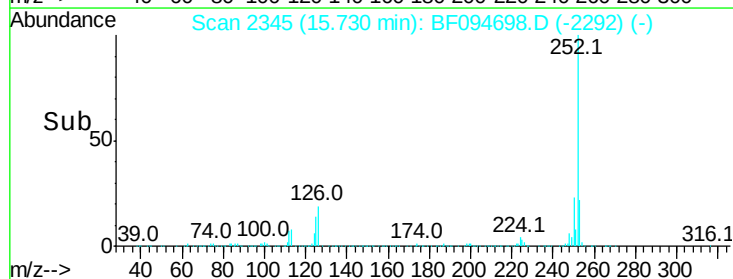
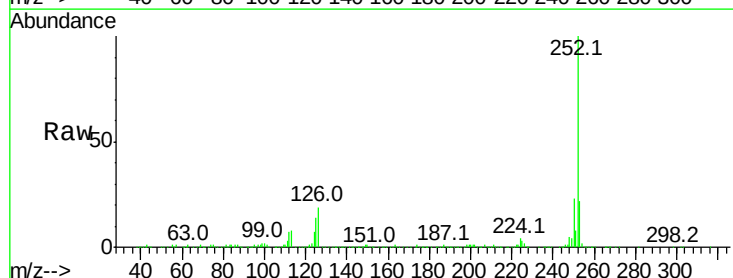
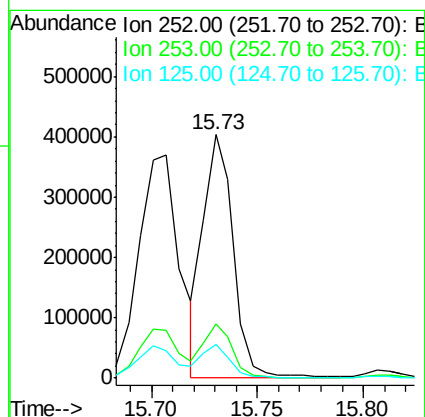
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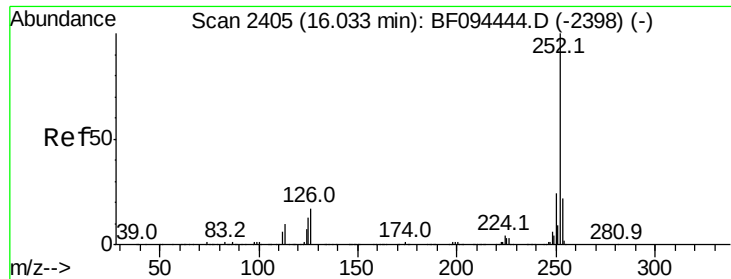
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#88
Benzo(k)fluoranthene
Concen: 41.17 ng
RT: 15.73 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	13.8	13.1	19.7





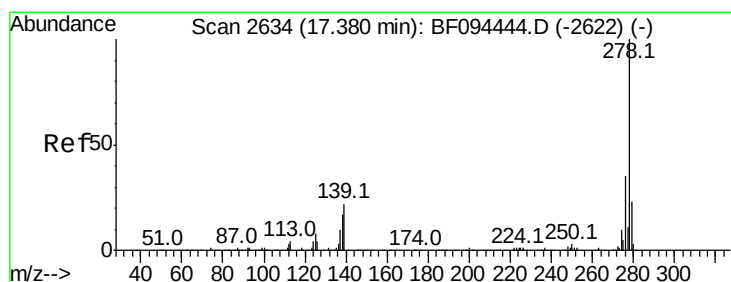
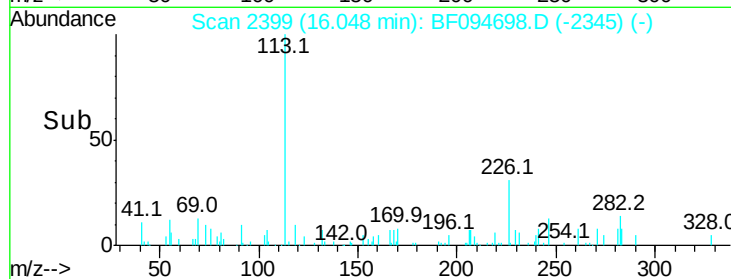
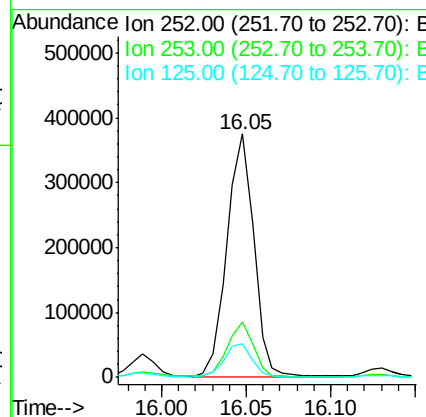
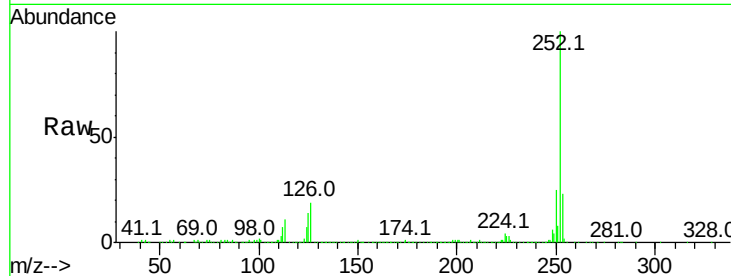
#89
Benzo(a)pyrene
Concen: 44.07 ng
RT: 16.05 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.1	11.0	16.4

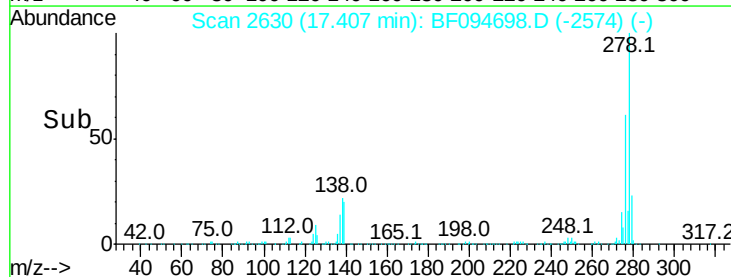
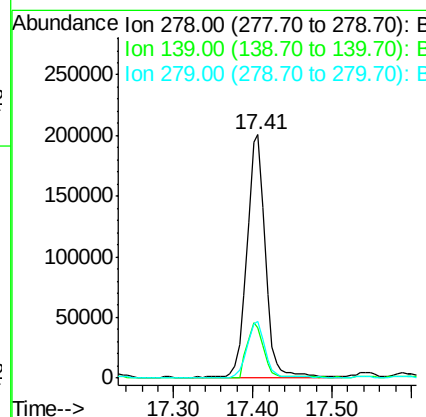
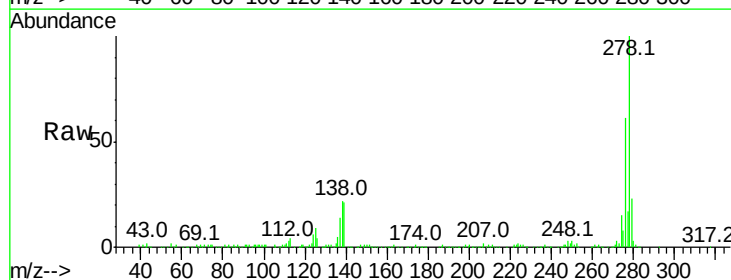
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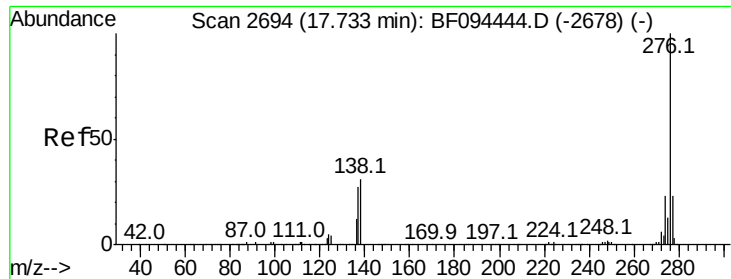
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#90
Dibenzo(a,h)anthracene
Concen: 40.90 ng
RT: 17.41 min Scan# 2630
Delta R.T. 0.03 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.6	24.8
279	23.4	19.3	28.9





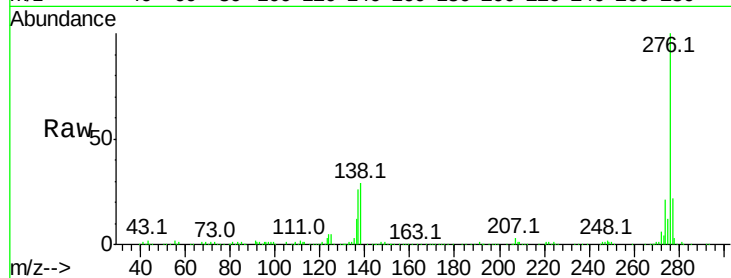
#91
 Benzo(a,h,i)perylene
 Concen: 41.12 ng
 RT: 17.77 min Scan# 2691
 Delta R.T. 0.03 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.6	28.0
138	28.8	25.4	38.0

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

