

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098417.D
 Acq On : 11 Sep 2017 22:16
 Operator : SJ/JU
 Sample : I5138-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:11 PM

Quant Time: Sep 12 02:42:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	237353	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1007627	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	437809	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	756764	20.00	ng	0.00
75) Chrysene-d12	13.82	240	409078	20.00	ng	0.00
86) Perylene-d12	15.22	264	352726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2158742	134.47	ng	0.02
7) Phenol-d6	6.33	99	2663183	130.66	ng	0.01
23) Nitrobenzene-d5	7.25	82	1762252	97.50	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	444606	152.16	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2334671	90.38	ng	0.00
78) Terphenyl-d14	12.77	244	1714773	90.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	295425	35.655	ng	88
3) Pyridine	3.06	79	865053	39.313	ng	# 83
4) n-Nitrosodimethylamine	3.02	42	490238	45.444	ng	93
6) Aniline	6.34	93	909904	35.584	ng	# 3
8) 2-Chlorophenol	6.46	128	790725	44.794	ng	95
9) Benzaldehyde	6.22	77	601317	45.130	ng	94
10) Phenol	6.35	94	1090409	46.058	ng	87
11) bis(2-Chloroethyl)ether	6.42	93	828595	46.421	ng	92
12) 1,3-Dichlorobenzene	6.61	146	773892	43.556	ng	97
13) 1,4-Dichlorobenzene	6.69	146	783668	43.060	ng	# 93
14) 1,2-Dichlorobenzene	6.84	146	707265	42.655	ng	99
15) Benzyl Alcohol	6.83	79	639467	47.141	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1315057	44.777	ng	83
17) 2-Methylphenol	6.95	107	675851	46.952	ng	# 89
18) Hexachloroethane	7.17	117	306833	44.023	ng	# 81
19) n-Nitroso-di-n-propylamine	7.10	70	581769	45.377	ng	99
20) 3+4-Methylphenols	7.10	107	846395	46.594	ng	# 80
22) Acetophenone	7.09	105	1151178	44.203	ng	# 94
24) Nitrobenzene	7.26	77	913256	44.360	ng	98
25) Isophorone	7.50	82	1707641	46.697	ng	100
26) 2-Nitrophenol	7.57	139	440278	52.966	ng	# 78
27) 2,4-Dimethylphenol	7.63	122	734001	46.321	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	1071917	48.038	ng	99
29) 2,4-Dichlorophenol	7.82	162	642746	48.771	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	653069	45.555	ng	100
31) Naphthalene	7.97	128	2231763	44.803	ng	99
32) Benzoic acid	7.73	122	55590	12.331	ng	95
33) 4-Chloroaniline	8.03	127	754722	37.280	ng	99
34) Hexachlorobutadiene	8.09	225	333561	45.323	ng	99
35) Caprolactam	8.42	113	218486m	48.077	ng	
36) 4-Chloro-3-methylphenol	8.53	107	737489	45.123	ng	85
37) 2-Methylnaphthalene	8.67	142	1445956	47.922	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	589013	43.190	ng	98
40) Hexachlorocyclopentadiene	8.82	237	376752	92.575	ng	100

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098417.D
 Acq On : 11 Sep 2017 22:16
 Operator : SJ/JU
 Sample : I5138-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:11 PM

Quant Time: Sep 12 02:42:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	398154	49.705	nq	94
43) 2,4,5-Trichlorophenol	9.00	196	411051	49.095	nq	95
45) 1,1'-Biphenyl	9.13	154	1698297	43.339	nq	97
46) 2-Chloronaphthalene	9.16	162	1287928	46.020	nq	# 93
47) 2-Nitroaniline	9.26	65	535864	49.887	nq	98
48) Acenaphthylene	9.57	152	1846811	44.383	nq	99
49) Dimethylphthalate	9.44	163	1977365	58.347	nq	100
50) 2,6-Dinitrotoluene	9.50	165	346263	49.740	nq	# 67
51) Acenaphthene	9.74	154	1188771	44.943	nq	98
52) 3-Nitroaniline	9.67	138	301474	35.876	nq	98
53) 2,4-Dinitrophenol	9.79	184	127955	43.266	nq	# 76
54) Dibenzofuran	9.91	168	1613125	46.293	nq	97
55) 4-Nitrophenol	9.86	139	465292	96.375	nq	# 41
56) 2,4-Dinitrotoluene	9.91	165	399688	47.226	nq	# 49
57) Fluorene	10.26	166	1242274	43.071	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	292791	52.035	nq	99
59) Diethylphthalate	10.14	149	1476199	45.801	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	589009	44.214	nq	92
61) 4-Nitroaniline	10.29	138	375185	44.210	nq	84
62) Azobenzene	10.40	77	1614591	46.480	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	179955	39.724	nq	87
65) n-Nitrosodiphenylamine	10.37	169	1184199	48.192	nq	98
66) 4-Bromophenyl-phenylether	10.73	248	356097	49.579	nq	97
67) Hexachlorobenzene	10.80	284	337054	46.265	nq	# 81
68) Atrazine	10.90	200	358106	47.338	nq	98
69) Pentachlorophenol	11.00	266	284967	87.638	nq	95
70) Phenanthrene	11.21	178	1833087	45.692	nq	99
71) Anthracene	11.26	178	1888567	45.851	nq	99
72) Carbazole	11.42	167	1707022	44.469	nq	99
73) Di-n-butylphthalate	11.75	149	2145818	46.655	nq	100
74) Fluoranthene	12.39	202	1745870	43.471	nq	98
76) Benzidine	12.52	184	798110	44.084	nq	# 94
77) Pyrene	12.62	202	1736744	53.818	nq	100
79) Butylbenzylphthalate	13.24	149	805872	57.563	nq	# 80
80) Benzo(a)anthracene	13.81	228	1100977	45.906	nq	98
81) 3,3'-Dichlorobenzidine	13.77	252	392501	42.111	nq	# 96
82) Chrysene	13.84	228	1087212	44.846	nq	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	964505	54.894	nq	99
84) Di-n-octyl phthalate	14.41	149	1546078	51.287	nq	97
85) Indeno(1,2,3-cd)pyrene	16.57	276	976243	57.396	nq	98
87) Benzo(b)fluoranthene	14.82	252	939922	42.380	nq	97
88) Benzo(k)fluoranthene	14.85	252	931103	44.970	nq	96
89) Benzo(a)pyrene	15.16	252	910872	46.100	nq	99
90) Dibenzo(a,h)anthracene	16.57	278	810230	56.371	nq	96
91) Benzo(g,h,i)perylene	16.97	276	831331	57.505	nq	99

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

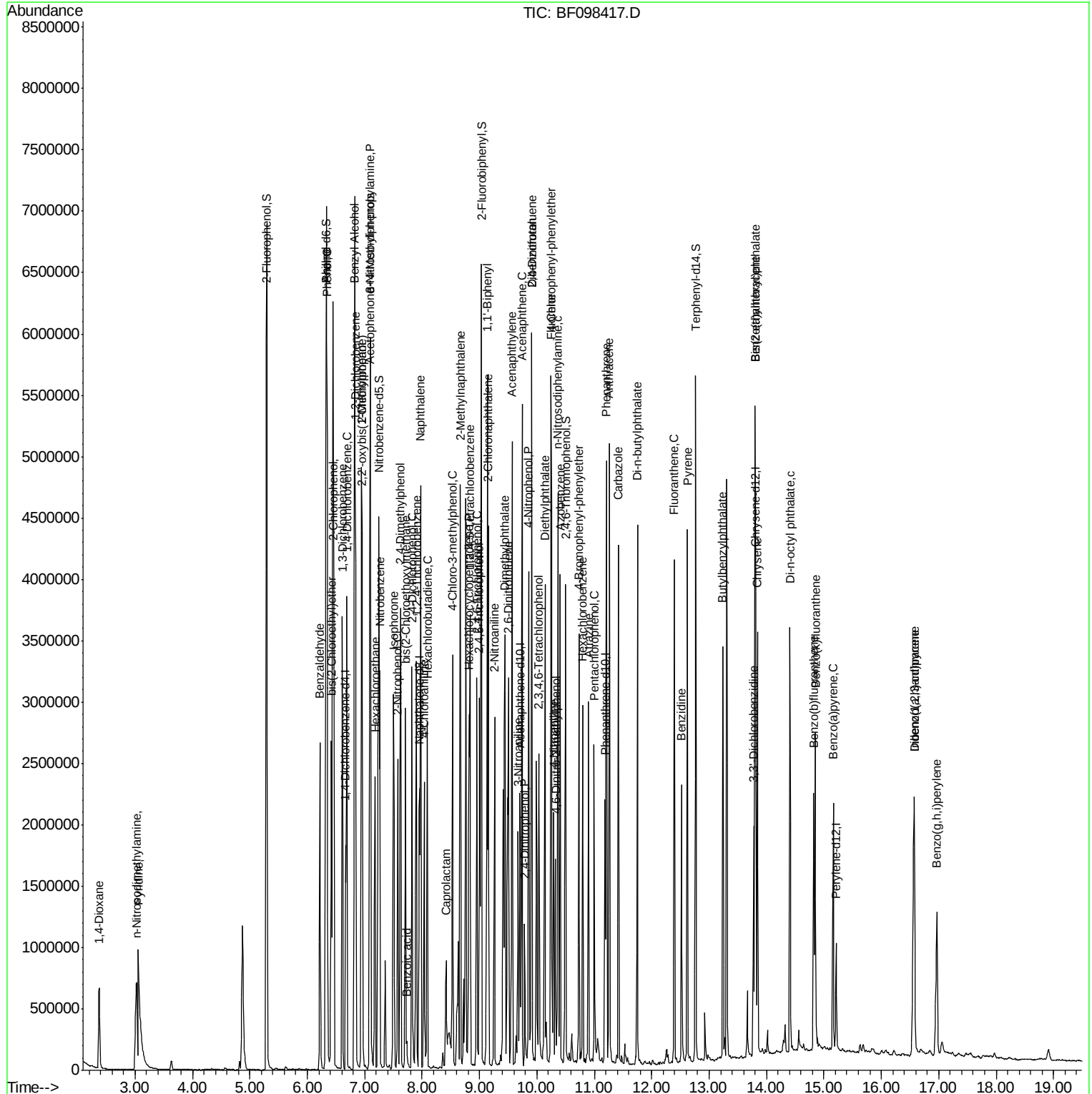
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098417.D
 Acq On : 11 Sep 2017 22:16
 Operator : SJ/JU
 Sample : I5138-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

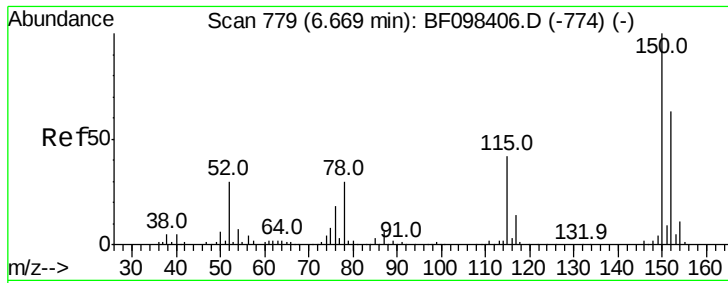
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:11 PM

Quant Time: Sep 12 02:42:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration





#1

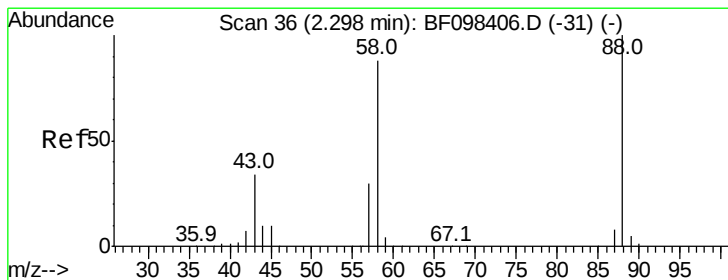
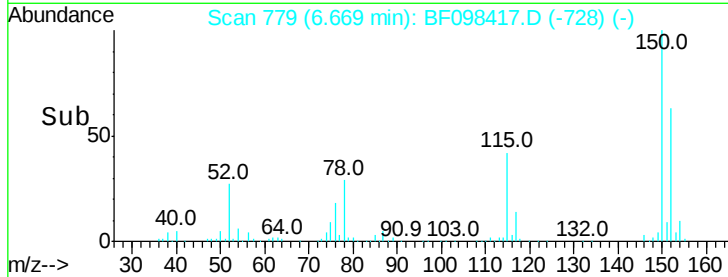
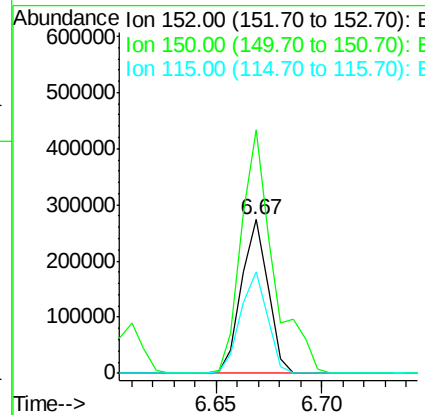
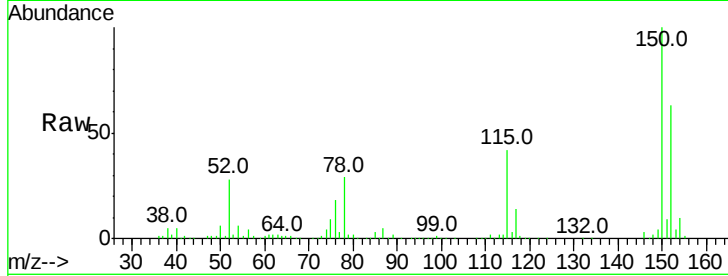
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	66.2	52.2	78.2

Manual Integrations
APPROVED

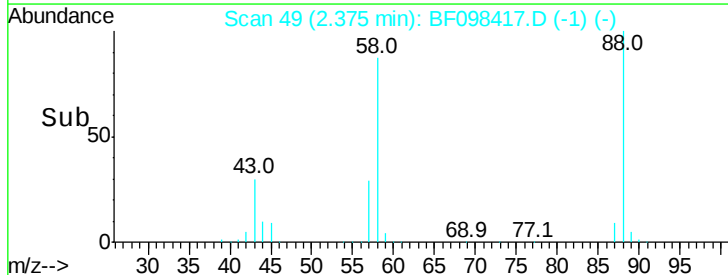
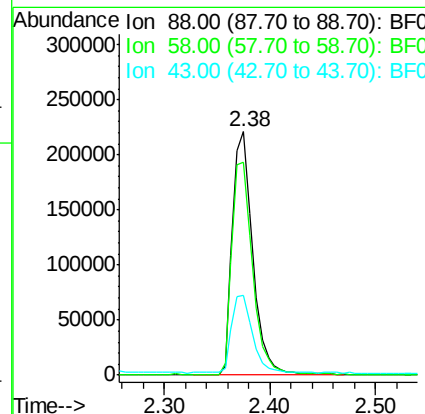
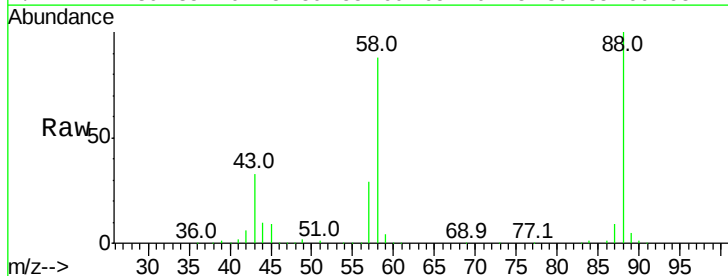
Sohil
9/12/2017 6:02:11 PM

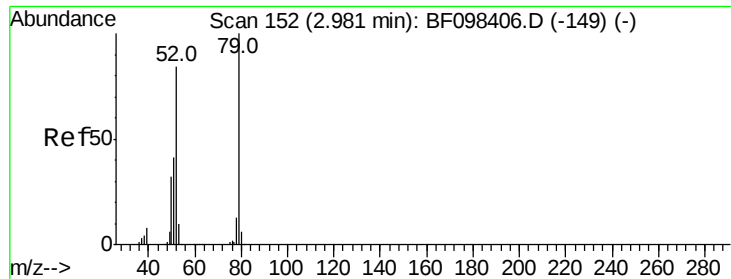


#2

1,4-Dioxane
Concen: 35.655 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	61.4	92.0
43	32.0	23.4	35.0





#3

Pvridine

Concen: 39.313 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.08 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

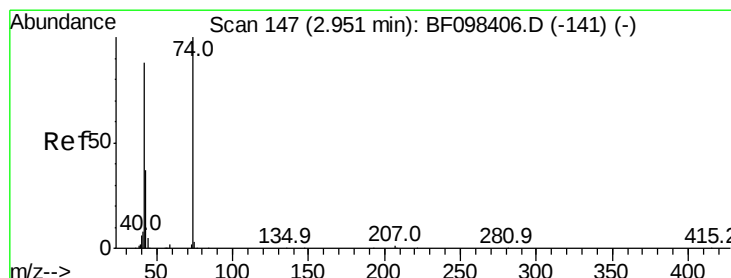
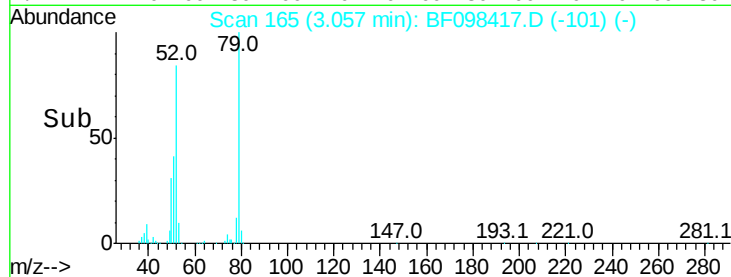
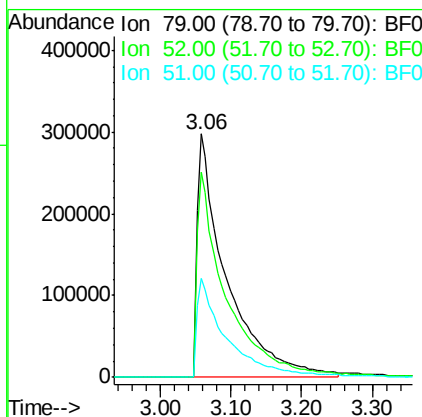
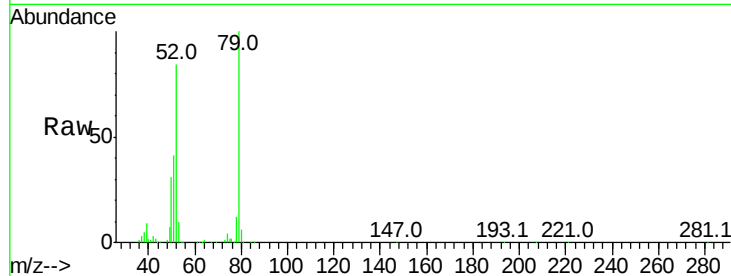
ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:	79	Resp:	865053
Ion Ratio	Lower	Upper	
79	100		
52	84.5	54.8	82.2#
51	40.8	27.0	40.4#

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM



#4

n-Nitrosodimethylamine

Concen: 45.444 ng

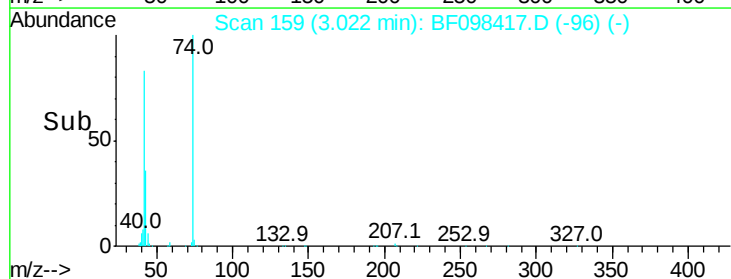
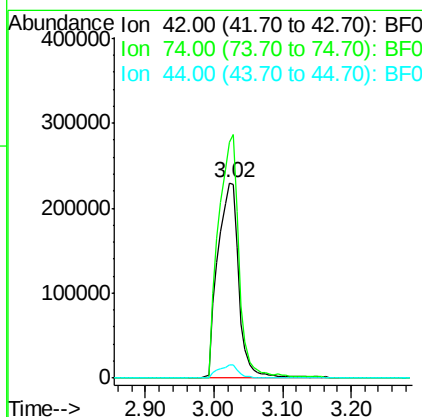
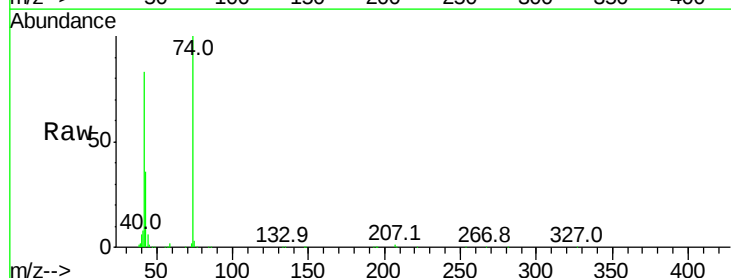
RT: 3.02 min Scan# 159

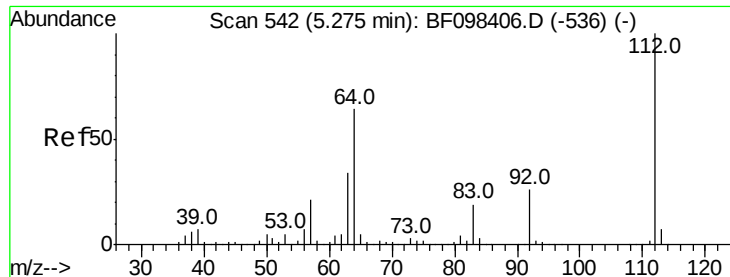
Delta R.T. 0.07 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:	42	Resp:	490238
Ion Ratio	Lower	Upper	
42	100		
74	120.8	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 134.473 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

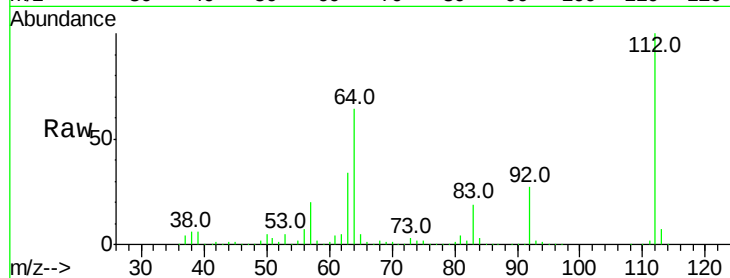
ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:	112	Resp:	2158742
Ion Ratio	Lower	Upper	
112	100		
64	64.3	46.0	69.0
63	33.7	23.4	35.0

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

2500000

2000000

1500000

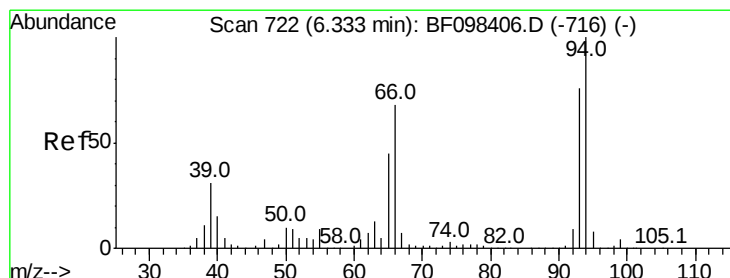
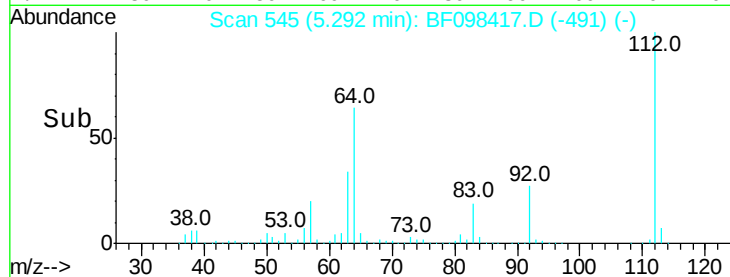
1000000

500000

0

5.29

Time-->



#6

Aniline

Concen: 35.584 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:	93	Resp:	909904
Ion Ratio	Lower	Upper	
93	100		
66	101.5	32.9	49.3#
65	64.9	16.0	24.0#

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

1200000

1000000

800000

600000

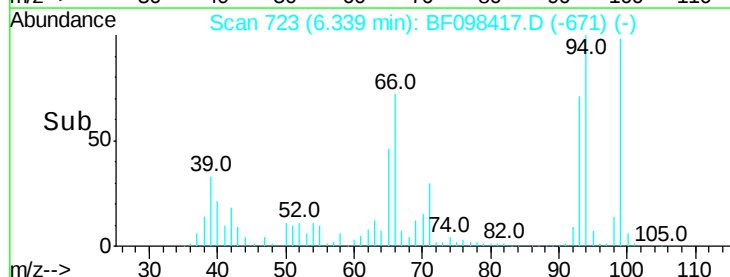
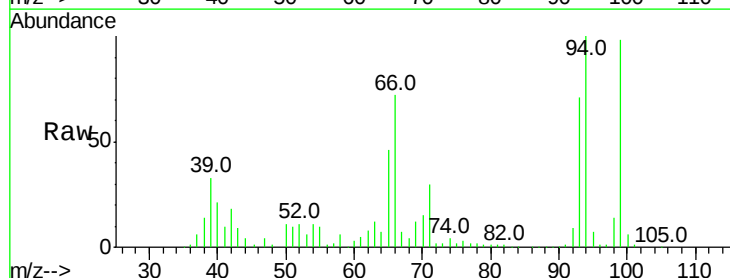
400000

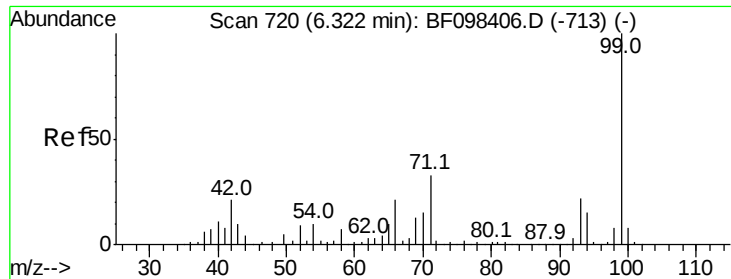
200000

0

6.25 6.30 6.35 6.40

Time-->





#7

Phenol-d6

Concen: 130.661 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion: 99 Resp: 2663183

Ion Ratio Lower Upper

99 100

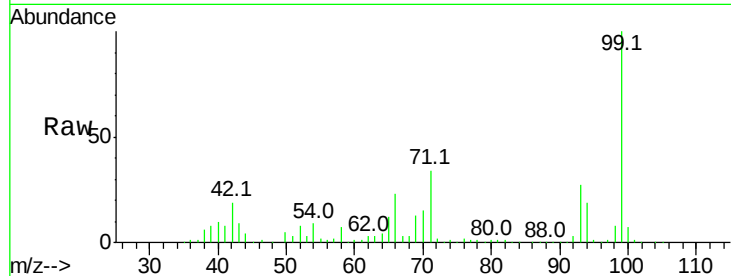
42 18.7 13.5 20.3

71 33.7 24.5 36.7

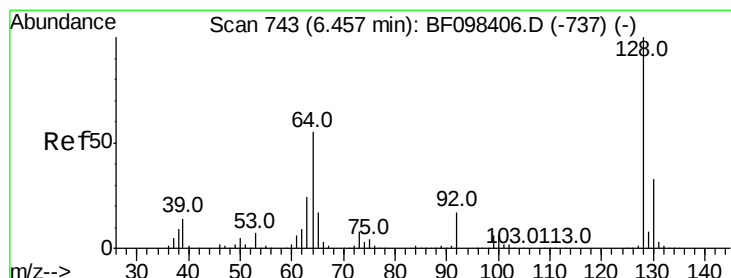
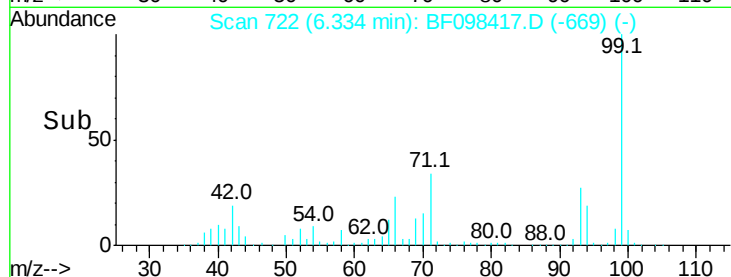
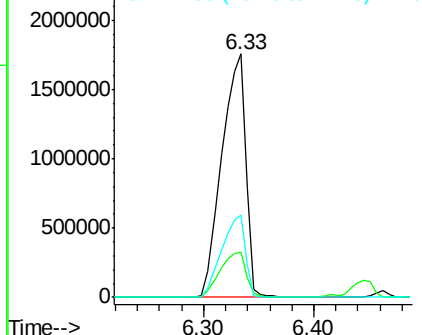
Manual Integrations
APPROVED

Sohil

9/12/2017 6:02:11 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.794 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

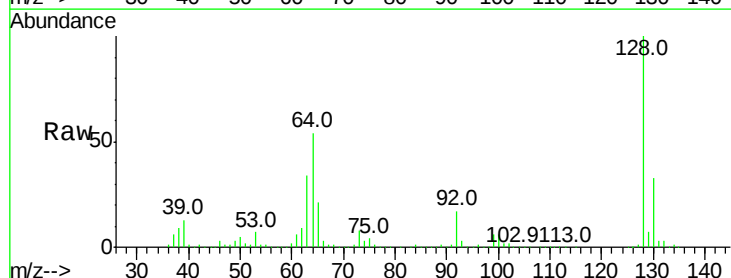
Tgt Ion: 128 Resp: 790725

Ion Ratio Lower Upper

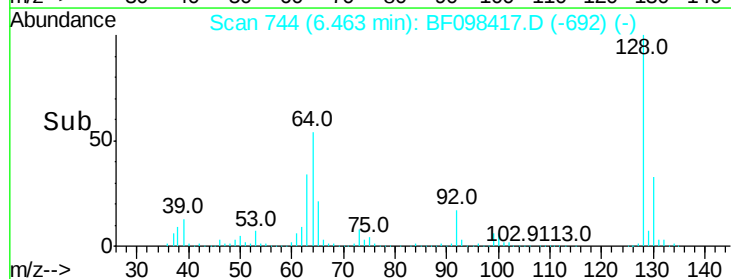
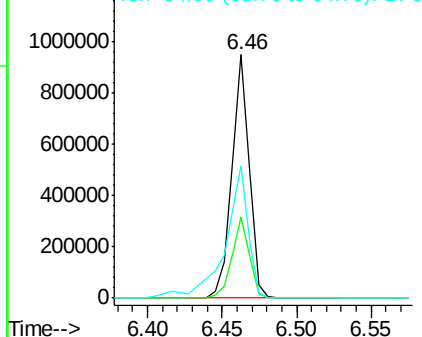
128 100

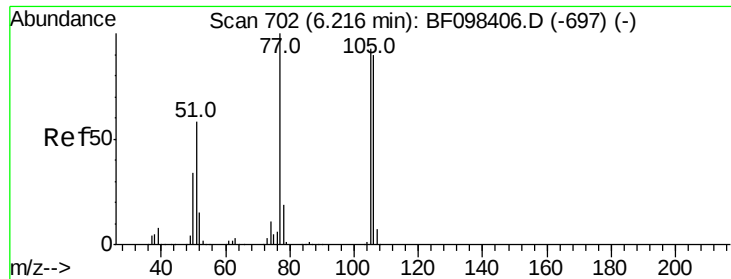
130 33.2 12.9 52.9

64 54.2 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.130 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

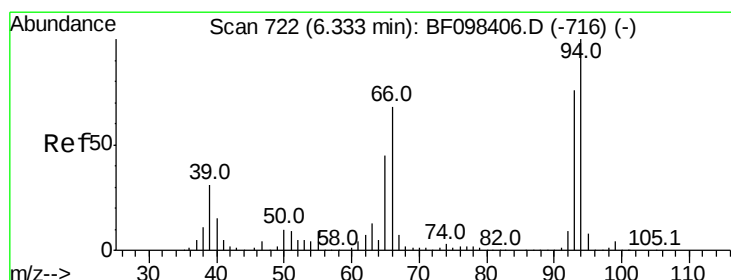
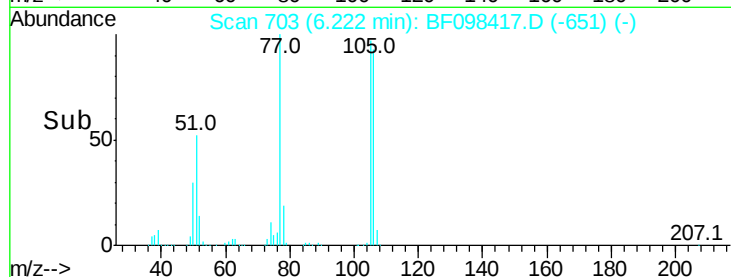
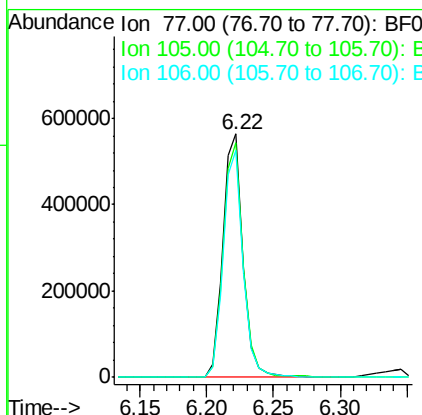
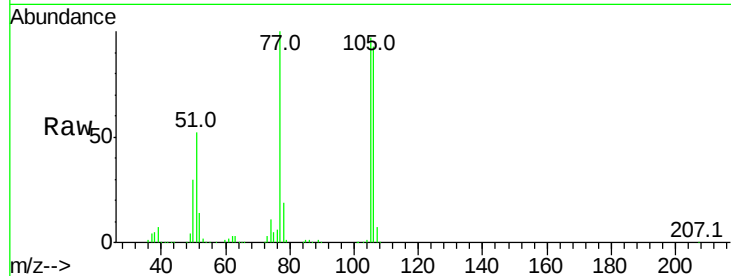
EME-UTS-TS001-01MSD

Tot Ion:	77	Resp:	601317
Ion Ratio	Lower	Upper	
77	100		
105	96.5	83.8	123.8
106	93.4	79.1	119.1

Manual Integrations
APPROVED

Sohil

9/12/2017 6:02:11 PM



#10

Phenol

Concen: 46.058 ng

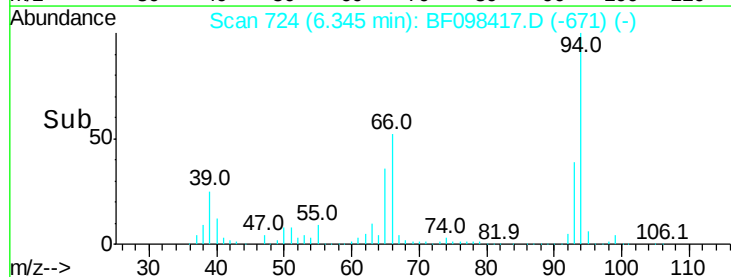
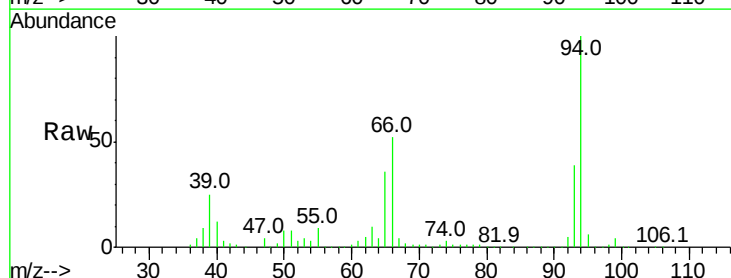
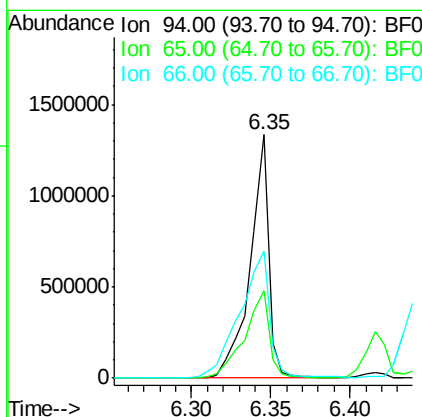
RT: 6.35 min Scan# 724

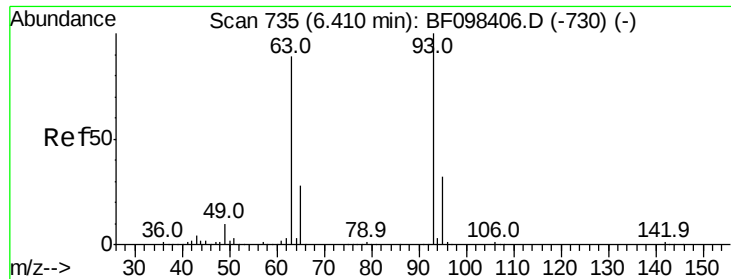
Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:	94	Resp:	1090409
Ion Ratio	Lower	Upper	
94	100		
65	36.0	9.9	49.9
66	52.1	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 46.421 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

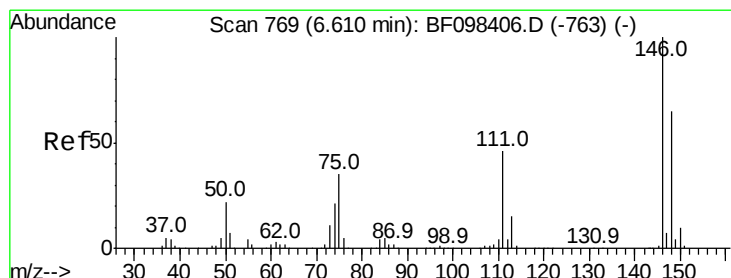
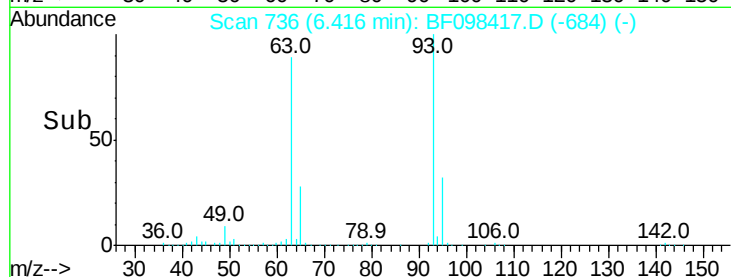
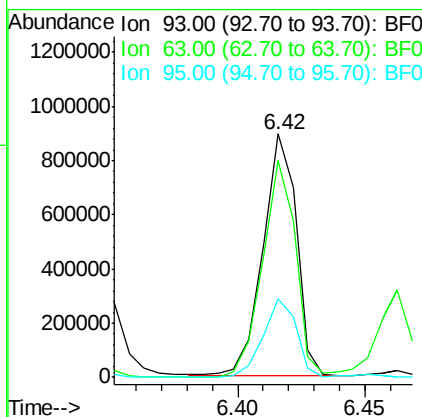
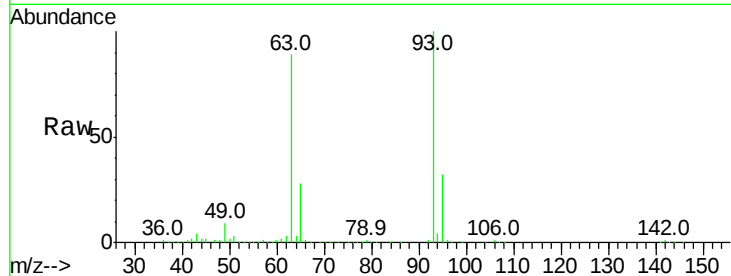
ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:	93	Resp:	828595
Ion Ratio	Lower	Upper	
93	100		
63	89.2	59.2	99.2
95	32.4	12.8	52.8

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM



#12

1,3-Dichlorobenzene

Concen: 43.556 ng

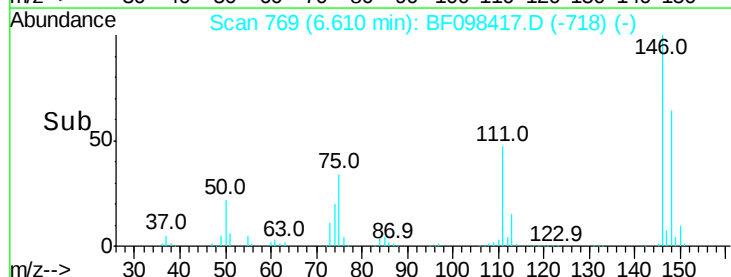
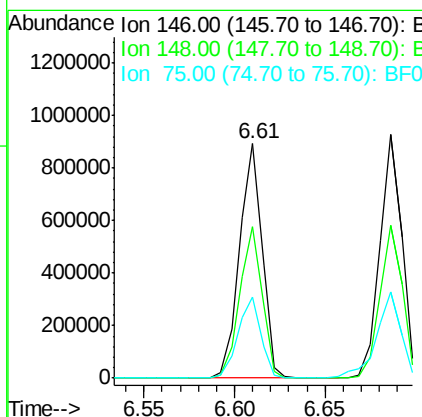
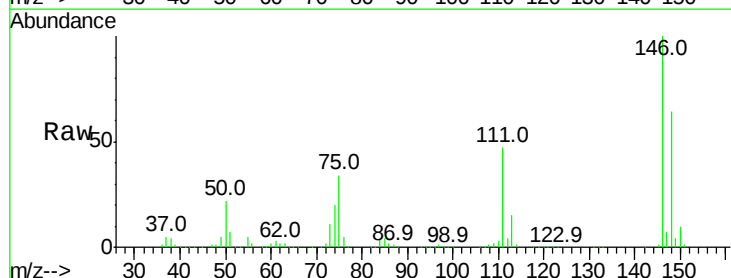
RT: 6.61 min Scan# 769

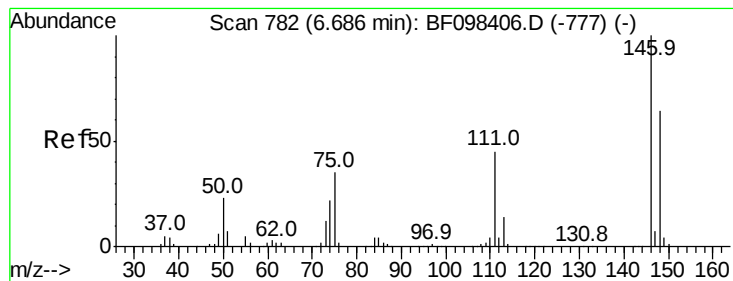
Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:	146	Resp:	773892
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.6
75	34.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.060 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

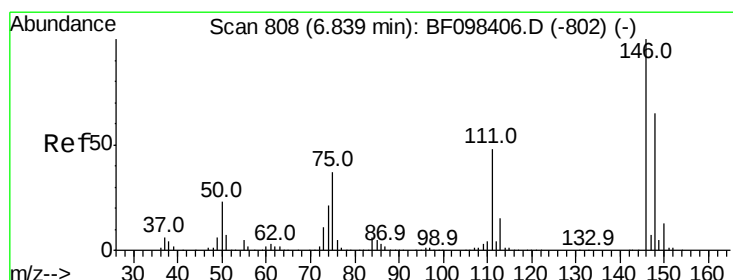
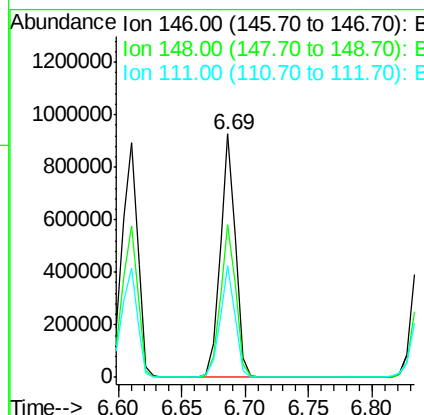
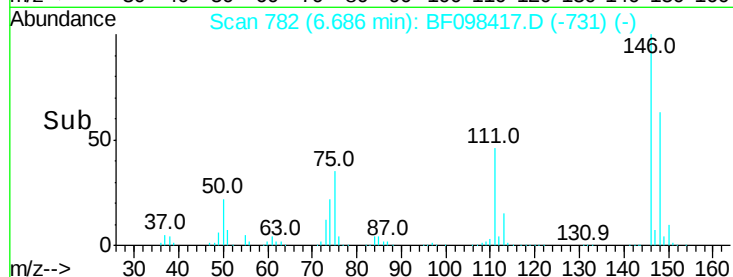
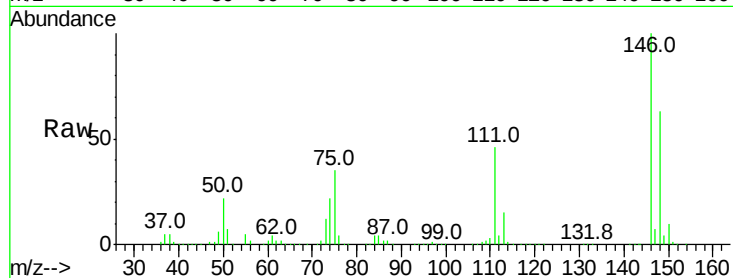
ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:	146	Resp:	783668
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	46.0	30.3	45.5#

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM



#14

1,2-Dichlorobenzene

Concen: 42.655 ng

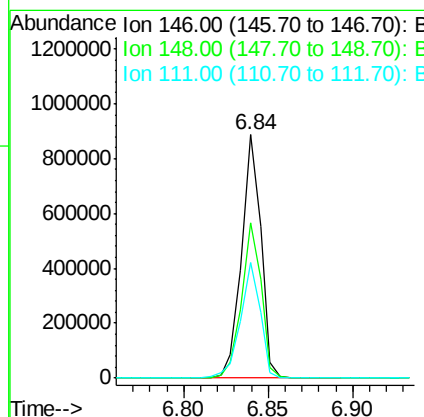
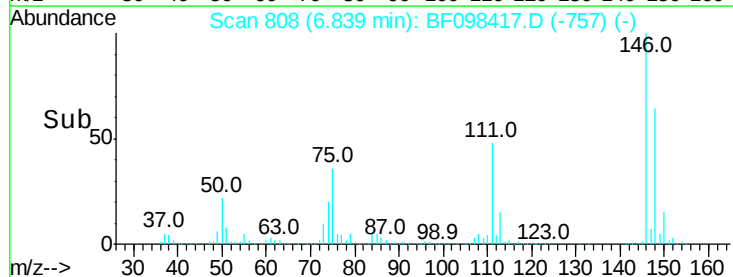
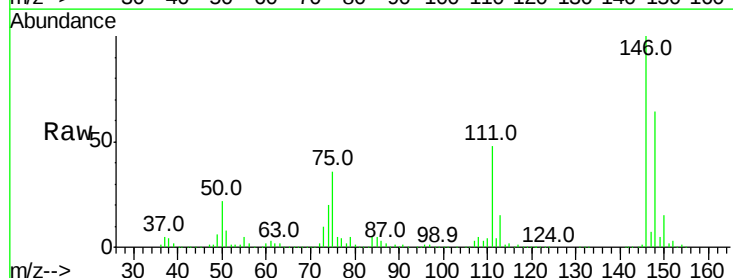
RT: 6.84 min Scan# 808

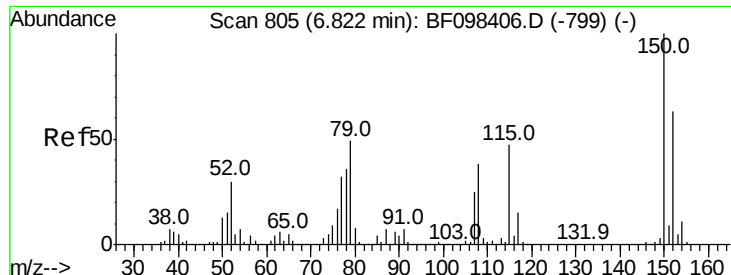
Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:	146	Resp:	707265
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.4	75.6
111	47.7	38.2	57.4





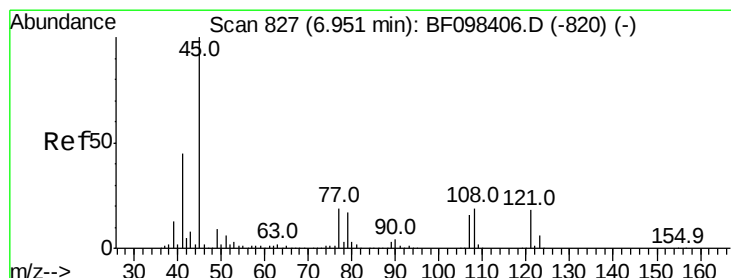
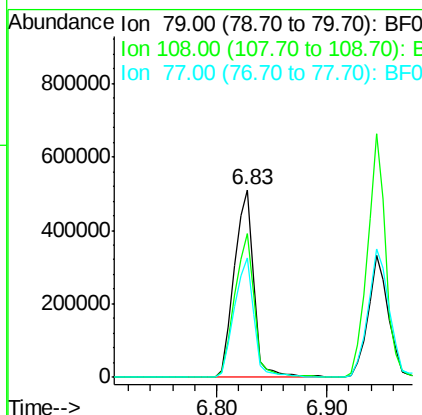
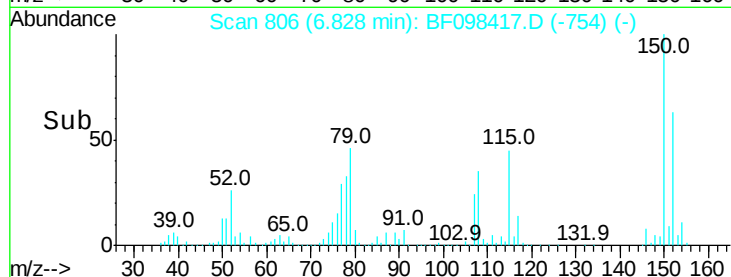
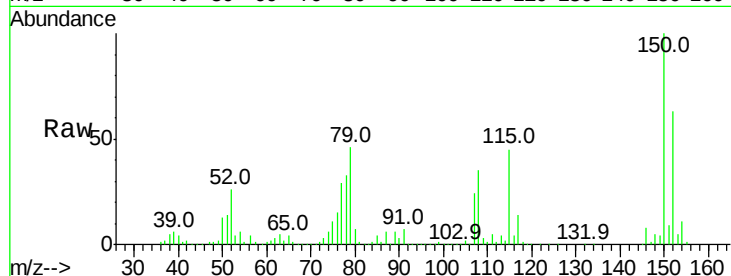
#15
Benzyl Alcohol
Concen: 47.141 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	63.4	95.0
77	63.8	49.2	73.8

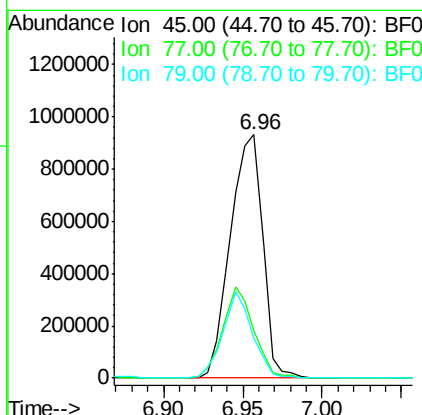
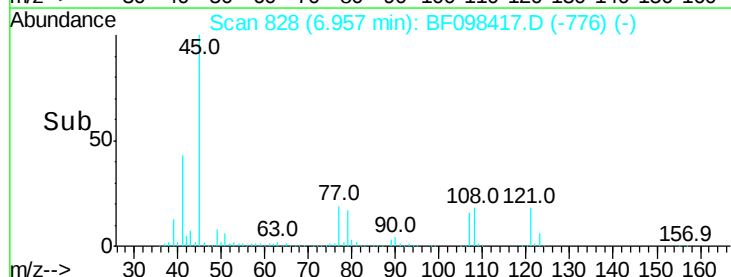
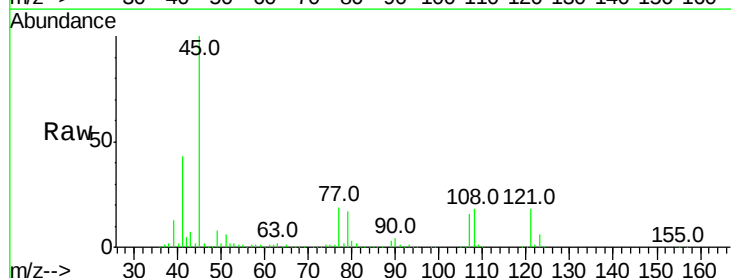
Manual Integrations
APPROVED

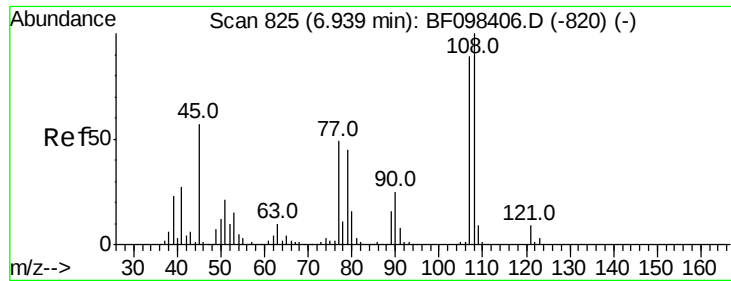
Sohil
9/12/2017 6:02:11 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.777 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	33.2
79	16.7	0.0	30.0





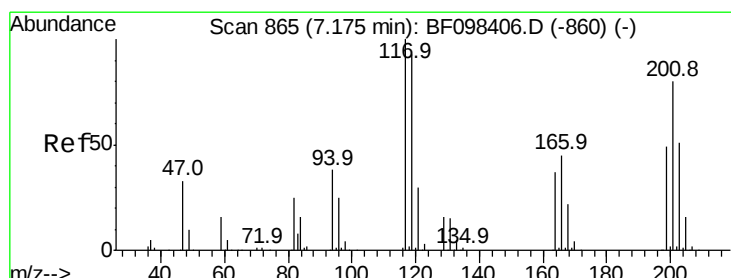
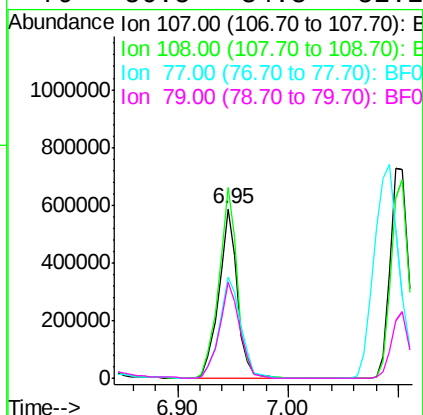
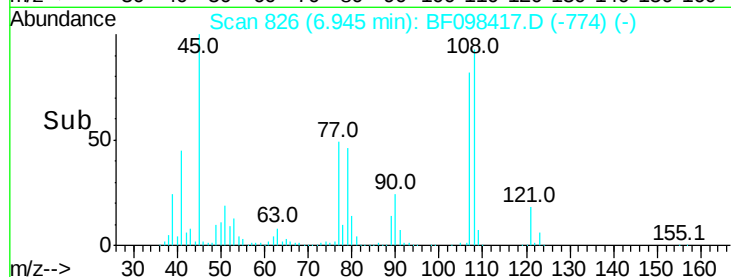
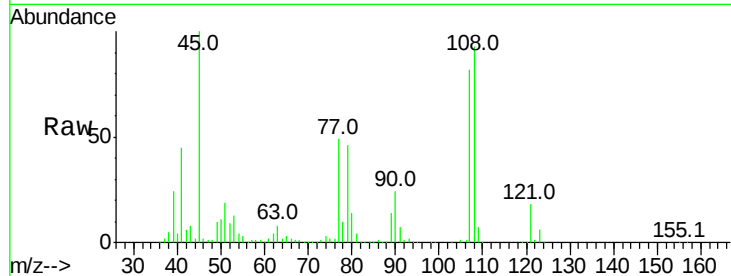
#17
2-Methylphenol
Concen: 46.952 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	675851		
108	112.9	93.4	140.0	
77	59.7	35.8	53.6#	
79	56.5	34.8	52.2#	

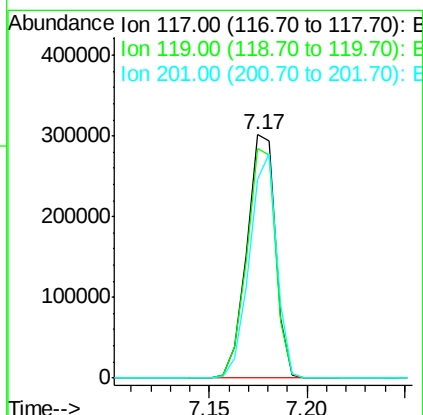
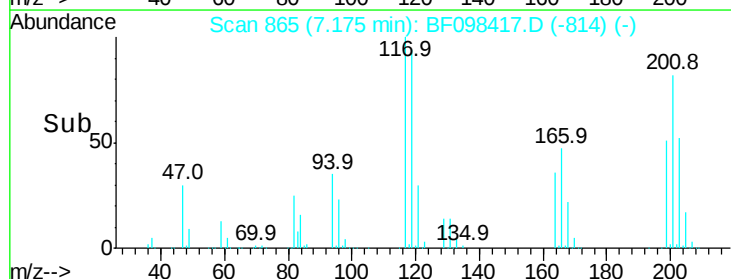
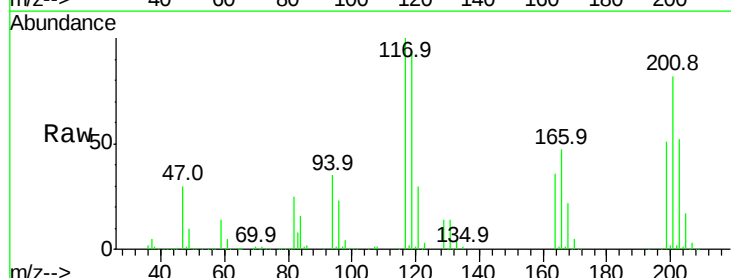
Manual Integrations
APPROVED

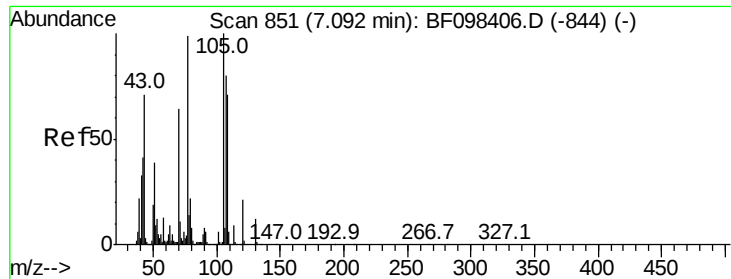
Sohil
9/12/2017 6:02:11 PM



#18
Hexachloroethane
Concen: 44.023 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	306833		
119	94.1	77.4	116.0	
201	81.9	94.6	141.8#	





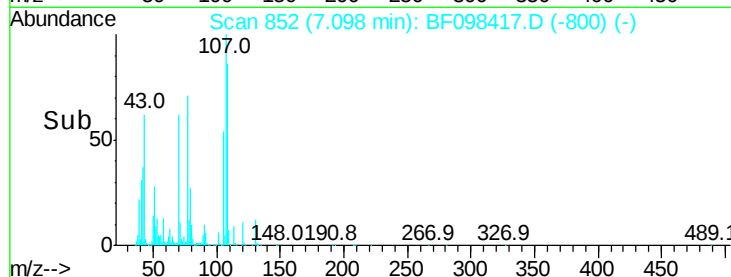
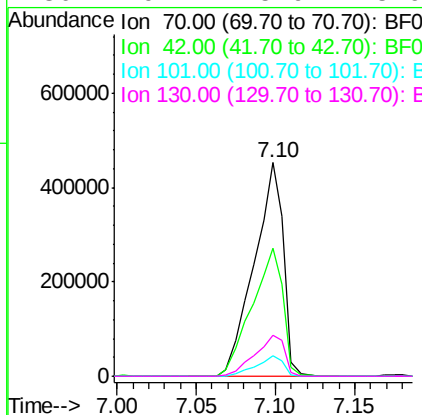
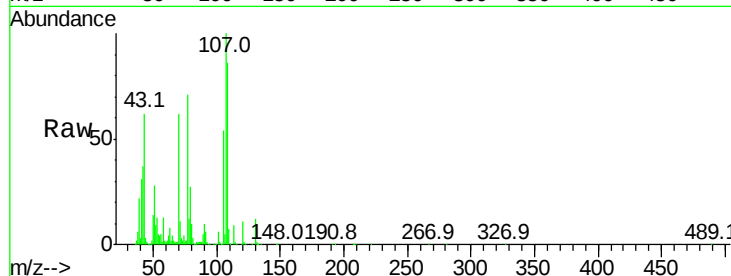
#19
n-Nitroso-di-n-propylamine
Concen: 45.377 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.2	70.8
101	9.6	7.2	10.8
130	19.4	15.9	23.9

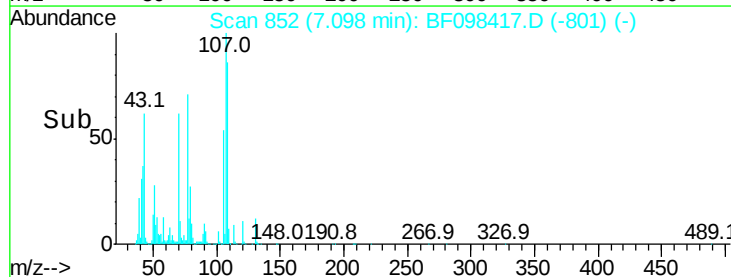
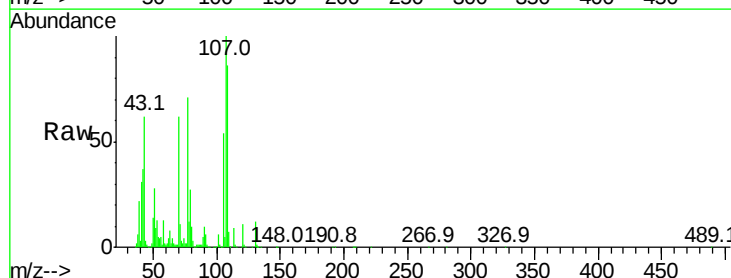
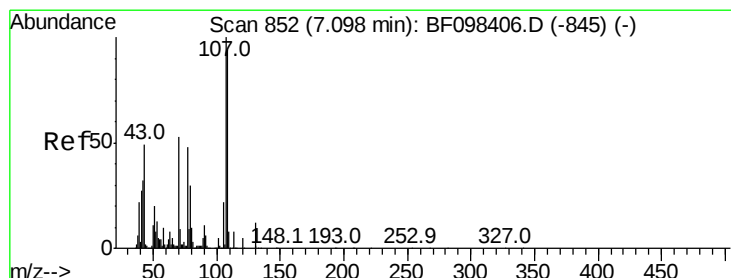
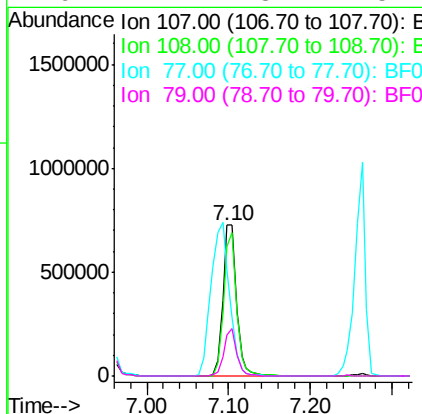
Manual Integrations
APPROVED

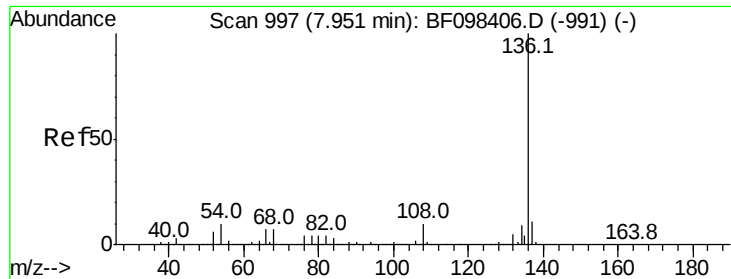
Sohil
9/12/2017 6:02:11 PM



#20
3+4-Methylphenols
Concen: 46.594 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	71.0	111.0
77	70.7	90.5	130.5#
79	27.4	8.4	48.4





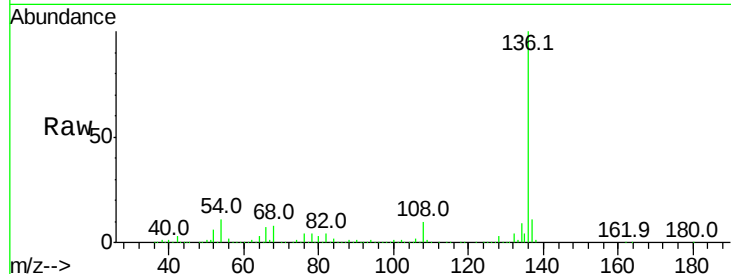
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

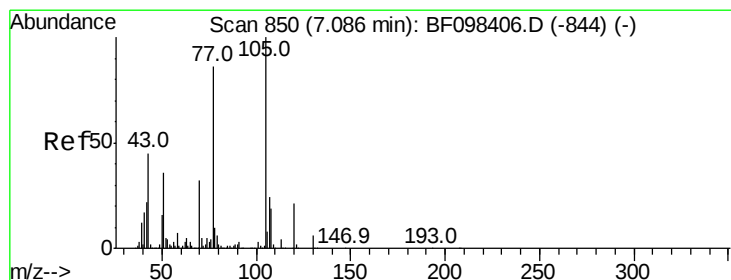
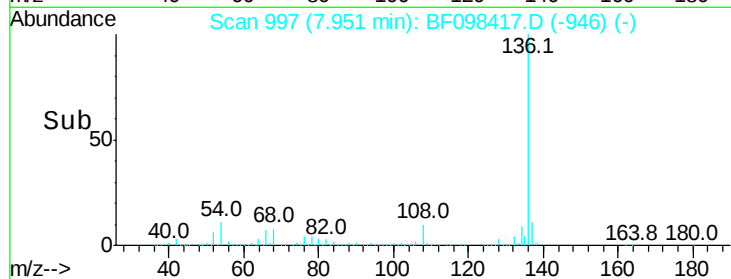
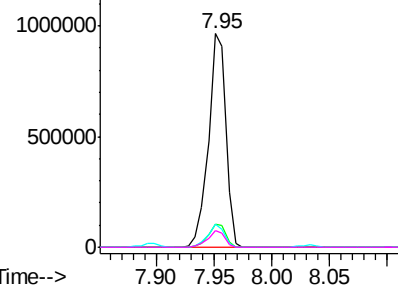
Tot Ion	Ratio	Resp	Lower	Upper
136	100	1007627		
137	10.8		8.5	12.7
54	10.8		4.9	7.3#
68	7.6		4.1	6.1#

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM



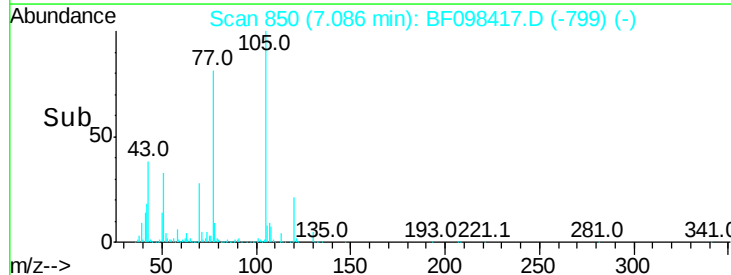
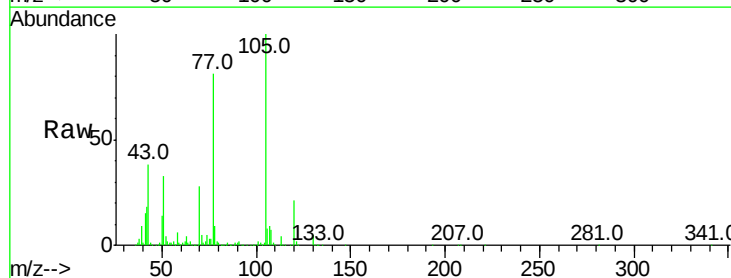
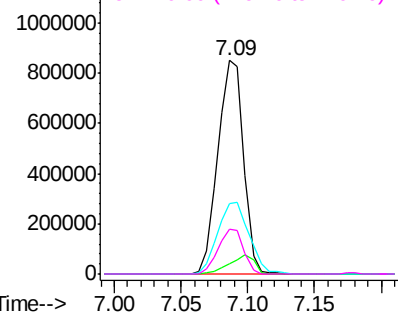
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

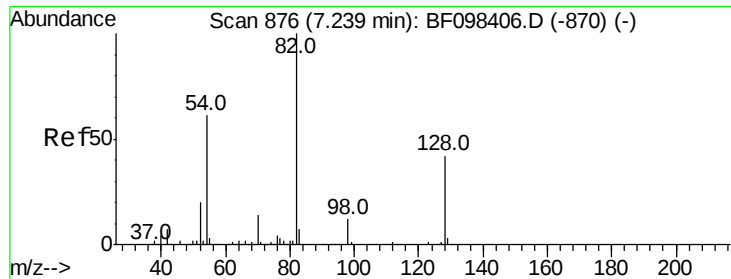


#22
Acetophenone
Concen: 44.203 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1151178		
71	4.8		2.8	4.2#
51	32.7		30.7	46.1
120	21.2		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: 97.501 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion: 82 Resp: 1762252

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

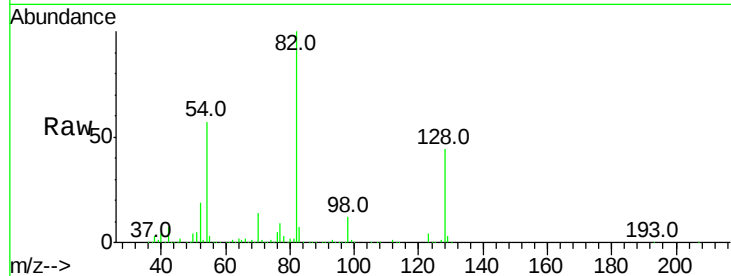
54 57.2 42.2 63.2

Manual Integrations

APPROVED

Sohil

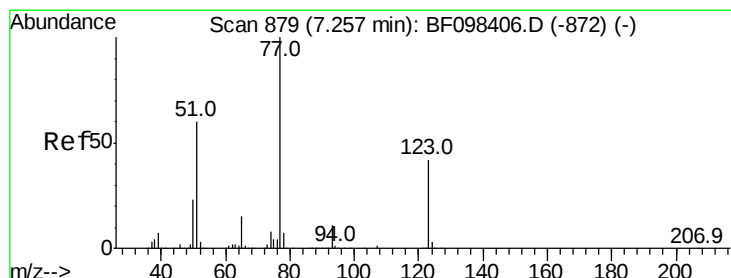
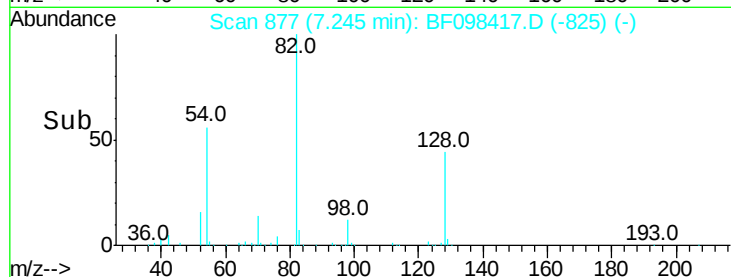
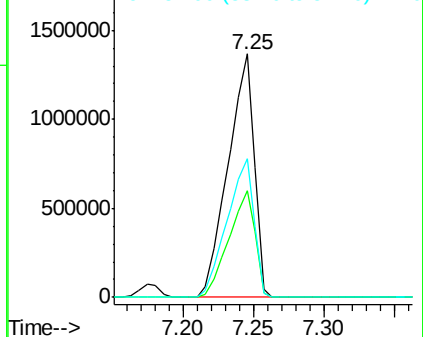
9/12/2017 6:02:11 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.360 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

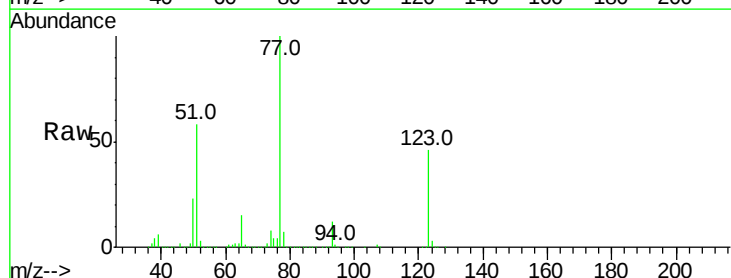
Tgt Ion: 77 Resp: 913256

Ion Ratio Lower Upper

77 100

123 45.6 35.8 53.8

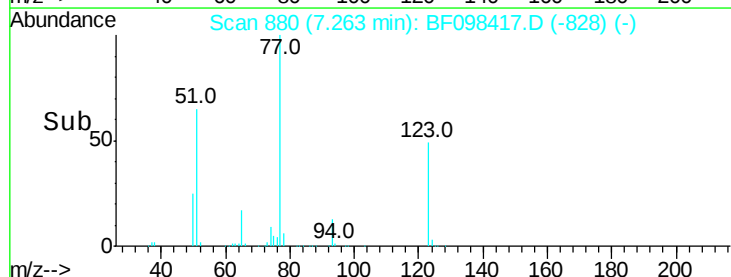
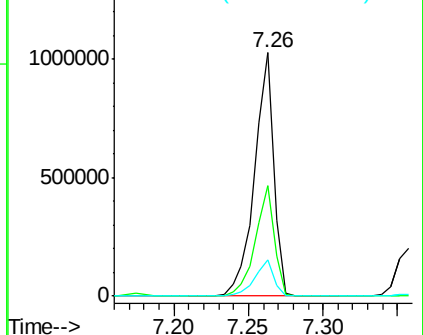
65 15.1 10.6 15.8

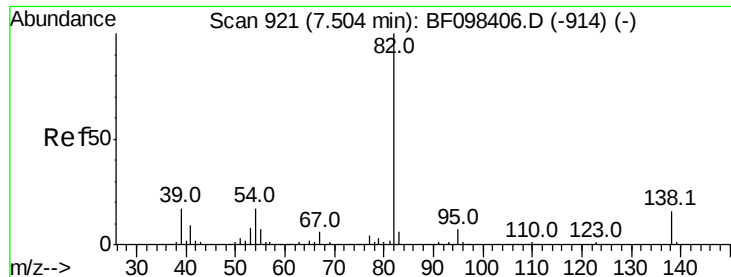


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.697 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion: 82 Resp: 1707641

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

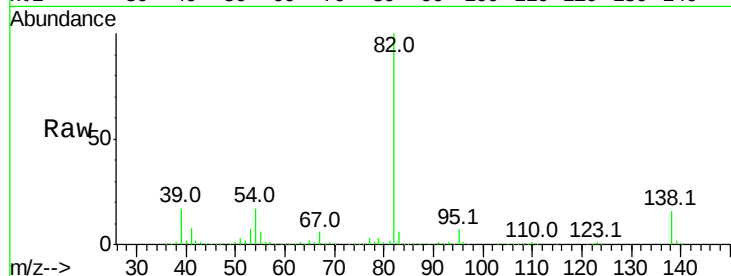
138 16.3 13.1 19.7

Manual Integrations

APPROVED

Sohil

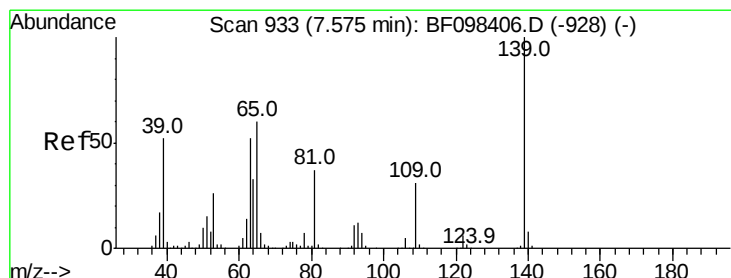
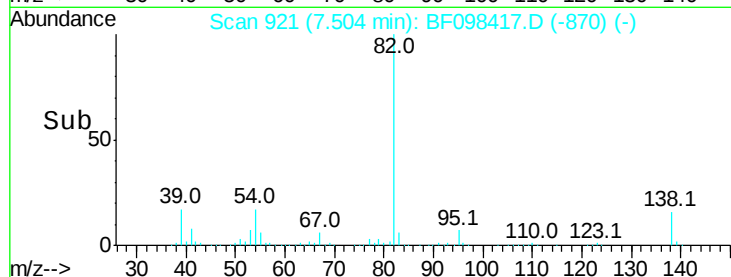
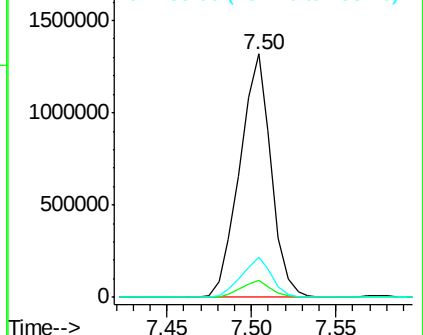
9/12/2017 6:02:11 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 52.966 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

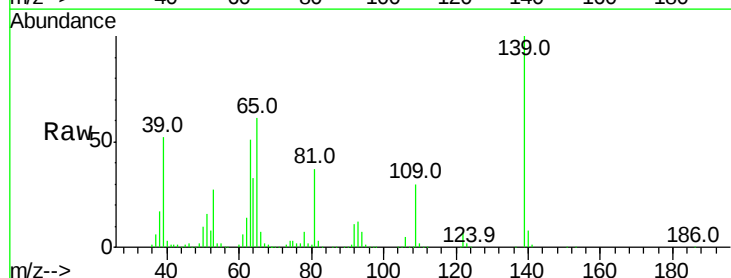
Tgt Ion: 139 Resp: 440278

Ion Ratio Lower Upper

139 100

109 29.9 21.0 31.6

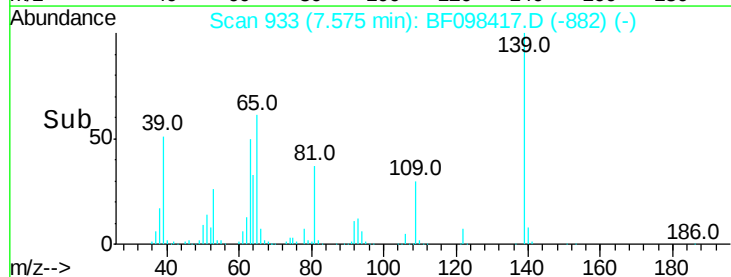
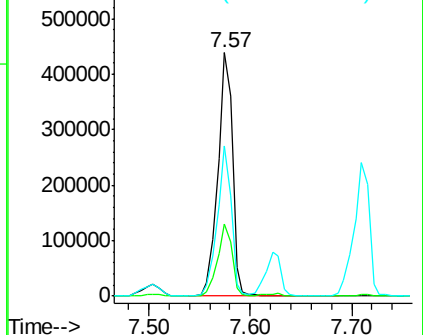
65 61.5 33.0 49.6#

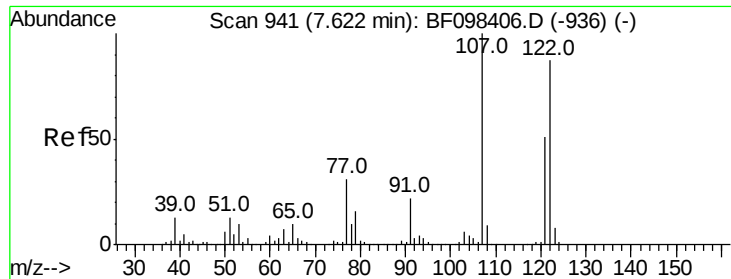


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





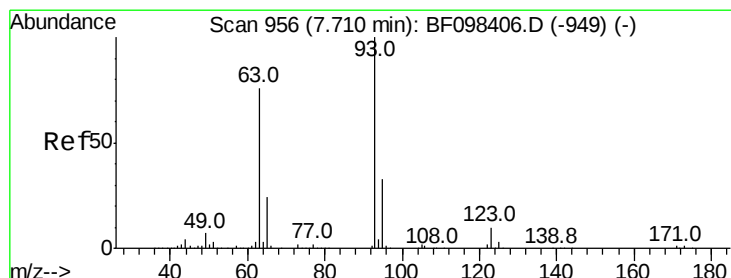
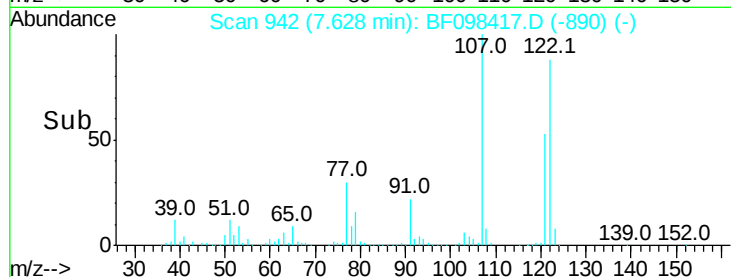
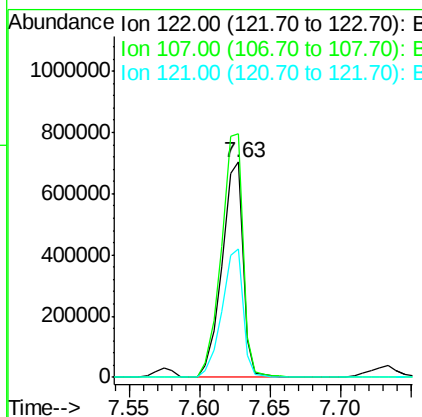
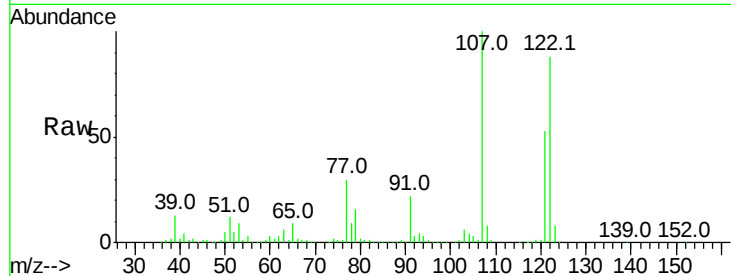
#27
2,4-Dimethylphenol
Concen: 46.321 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.2	133.8
121	59.7	45.2	67.8

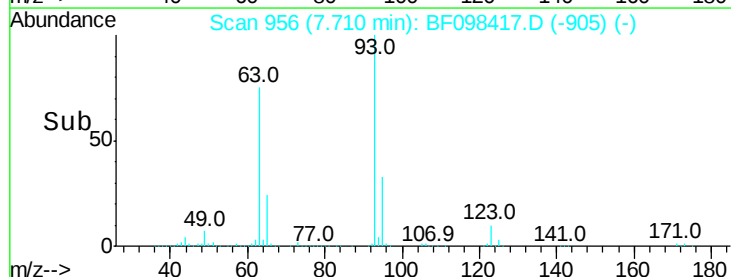
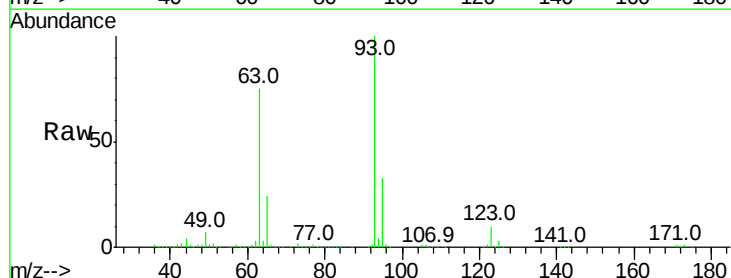
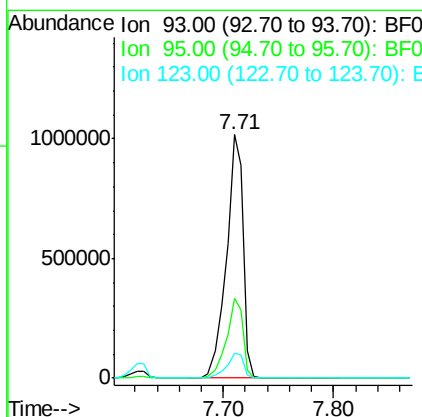
Manual Integrations
APPROVED

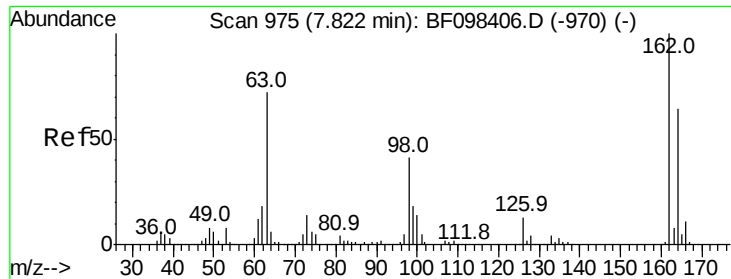
Sohil
9/12/2017 6:02:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.038 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	10.2	9.0	13.4





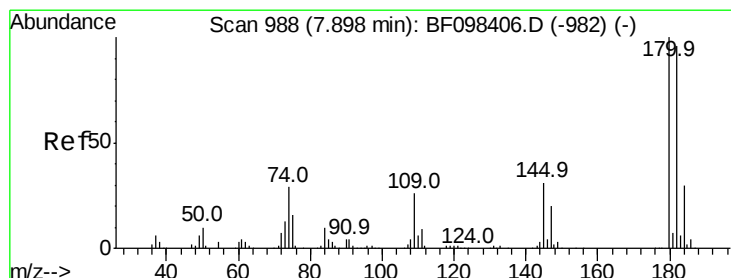
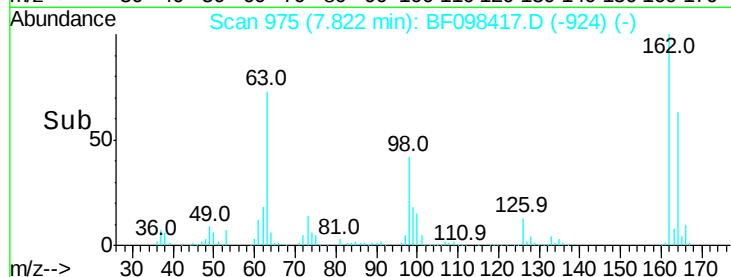
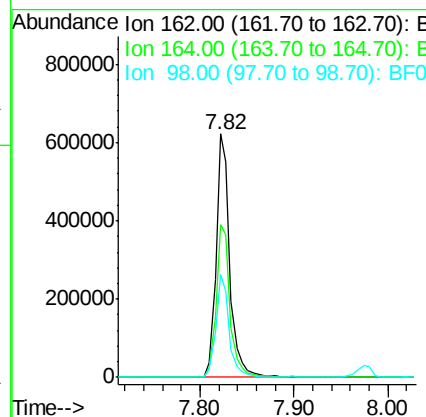
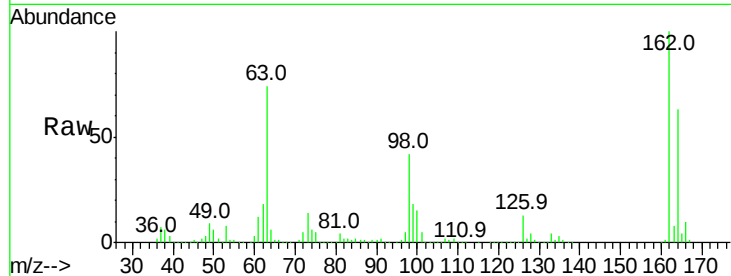
#29
 2,4-Dichlorophenol
 Concen: 48.771 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion:	162	Resp:	642746
Ion Ratio	Lower	Upper	
162	100		
164	62.5	44.6	84.6
98	42.3	14.8	54.8

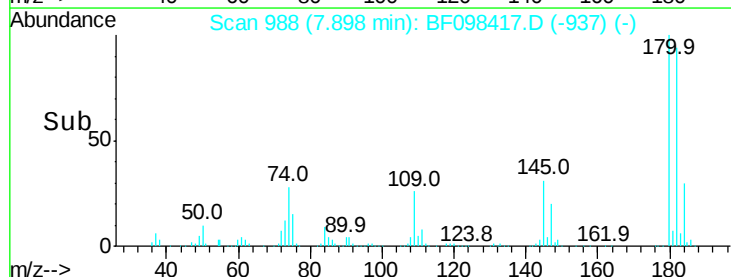
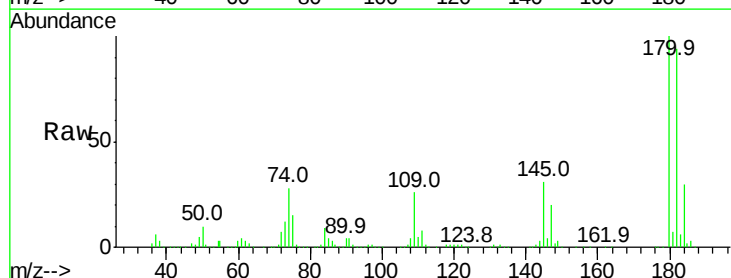
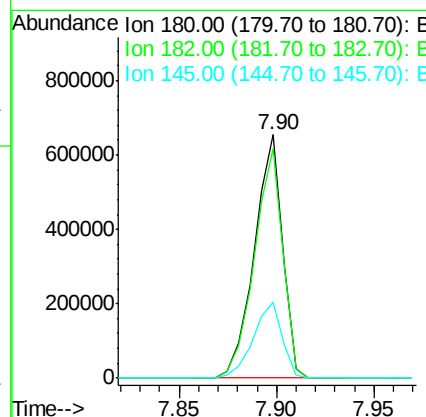
Manual Integrations
 APPROVED

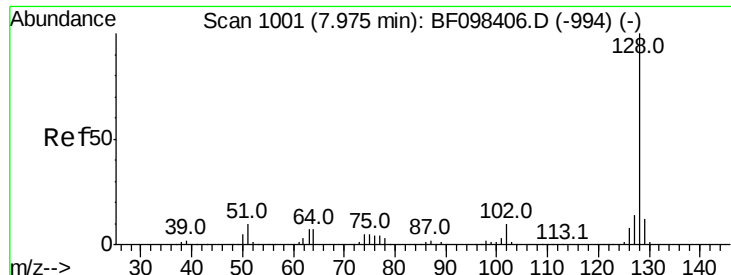
Sohil
 9/12/2017 6:02:11 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.555 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:	180	Resp:	653069
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.6
145	31.3	25.3	37.9





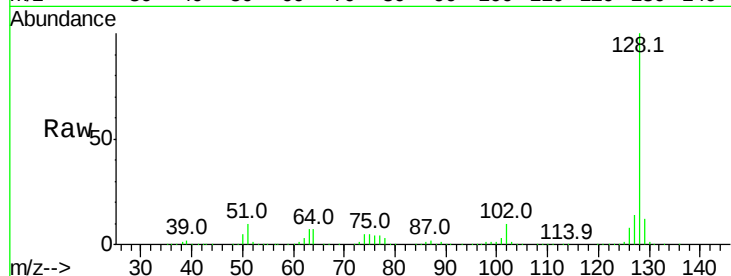
#31
Naphthalene
Concen: 44.803 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	13.9	10.8	16.2

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM

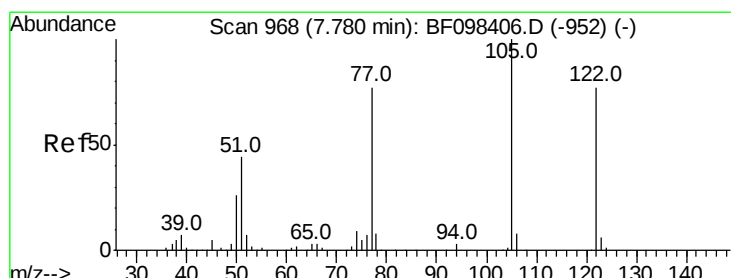
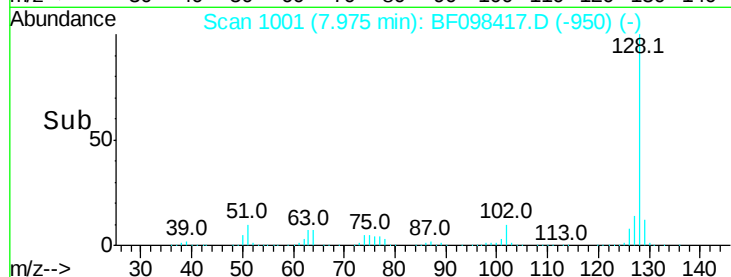
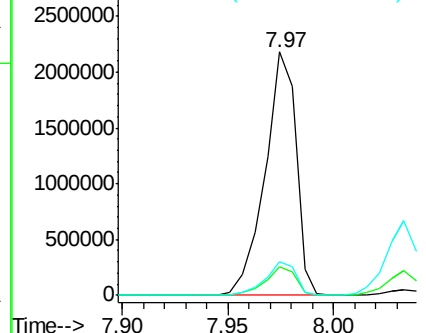


Abundance

Ion 128.00 (127.70 to 128.70): E

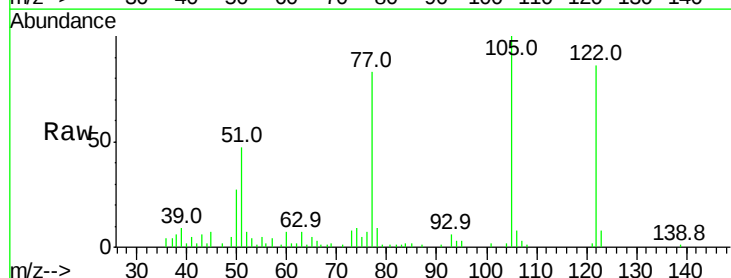
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 12.331 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.05 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.3	103.3	143.3
77	96.5	73.7	113.7

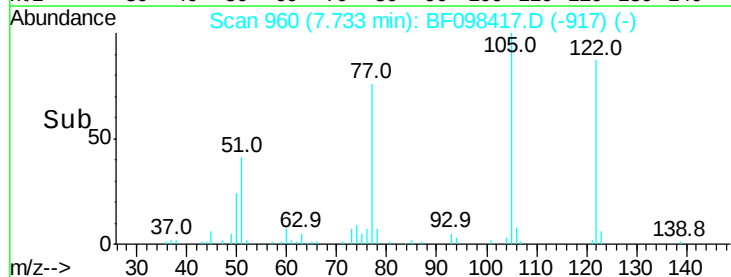
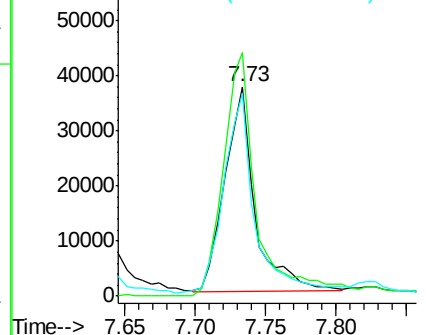


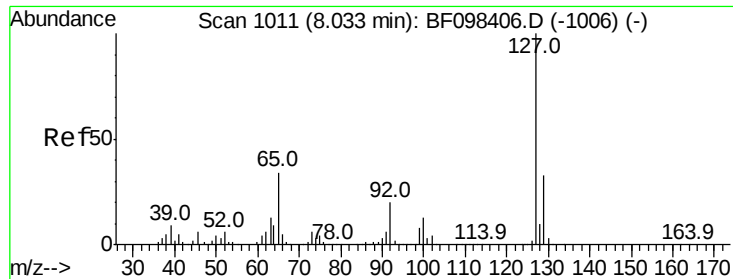
Abundance

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





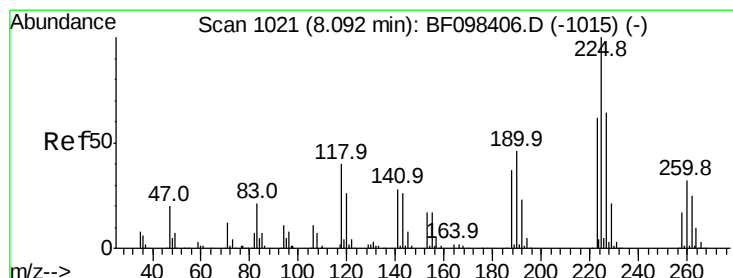
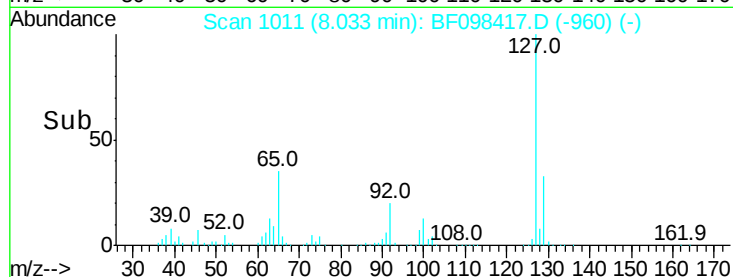
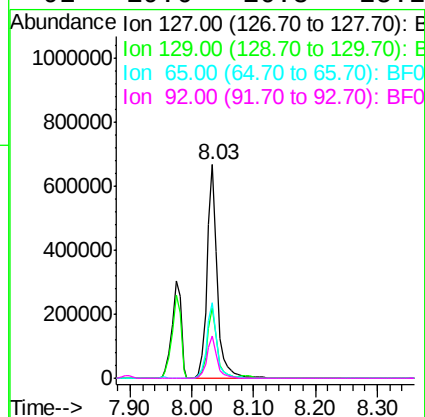
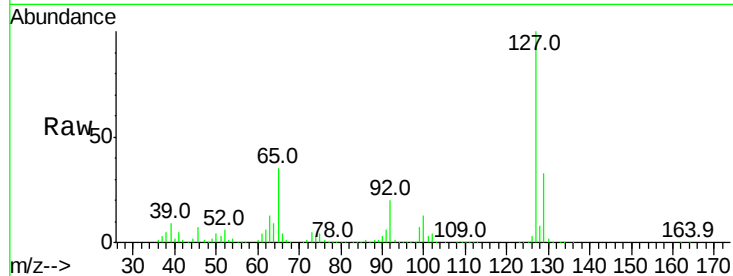
#33
4-Chloroaniline
Concen: 37.280 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.2	39.2		
65	35.1	27.8	41.8		
92	19.6	16.8	25.2		

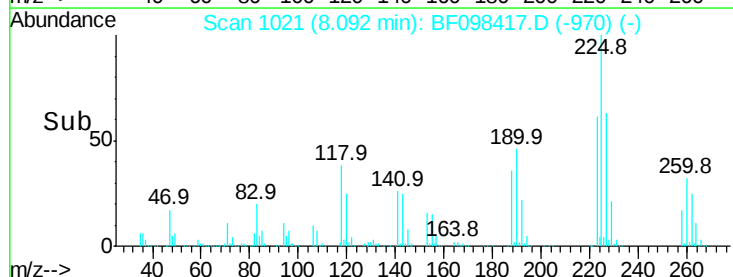
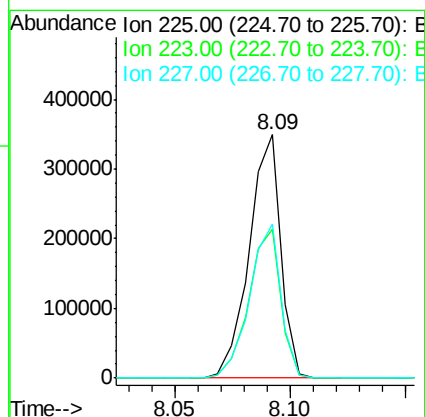
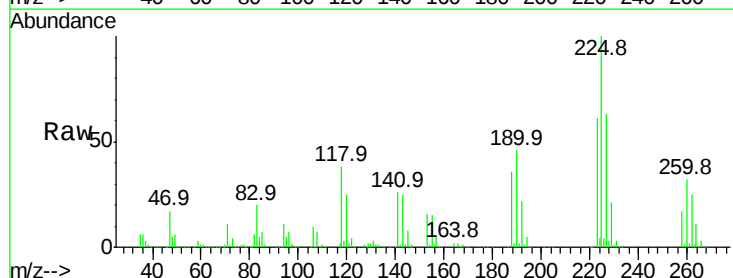
Manual Integrations
APPROVED

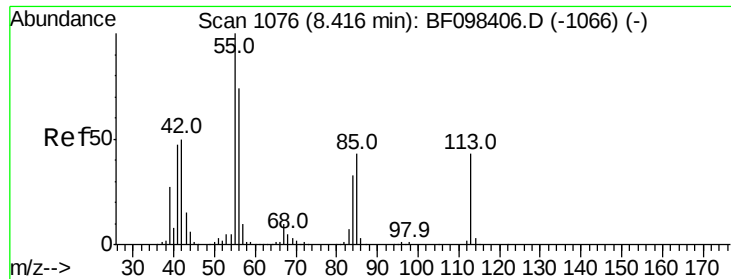
Sohil
9/12/2017 6:02:11 PM



#34
Hexachlorobutadiene
Concen: 45.323 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	48.8	73.2		
227	63.0	51.1	76.7		





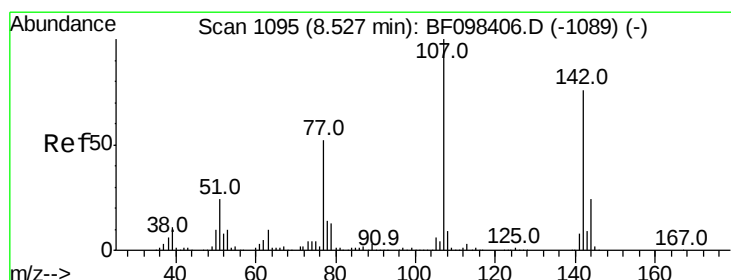
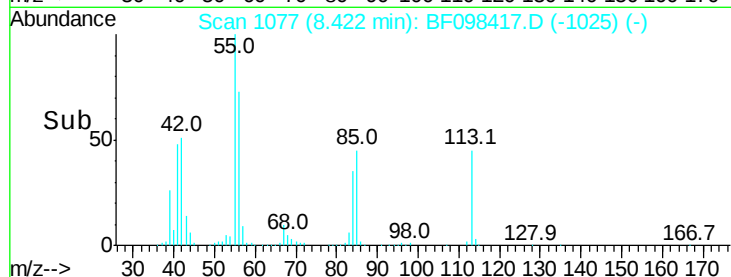
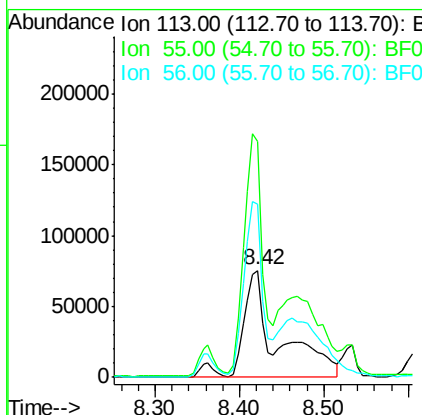
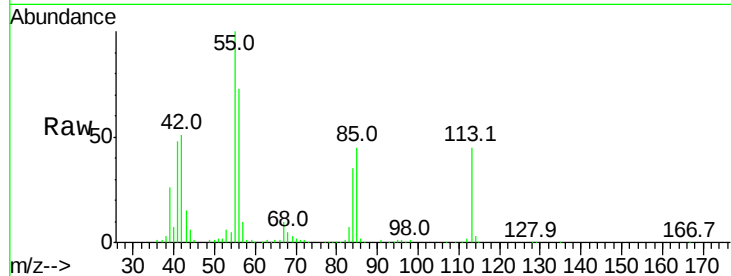
#35
 Caprolactam
 Concen: 48.077 ng/ml
 RT: 8.42 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion:113 Resp: 218486
 Ion Ratio Lower Upper
 113 100
 55 221.8 150.2 190.2#
 56 161.8 107.8 147.8#

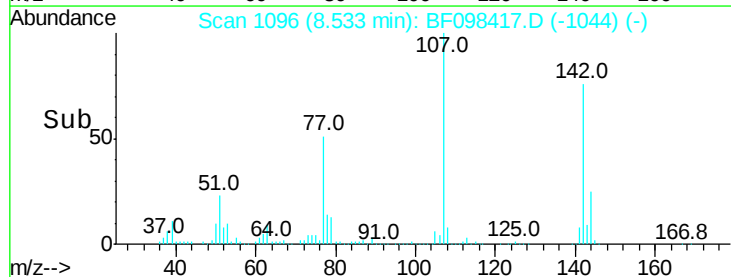
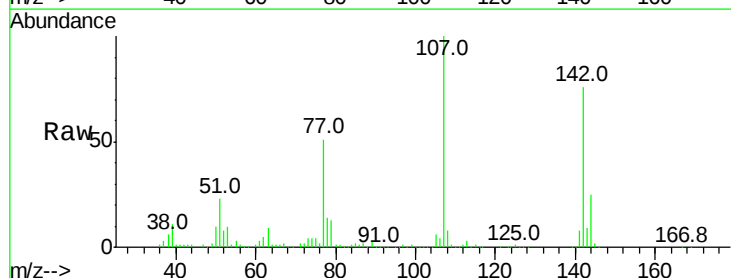
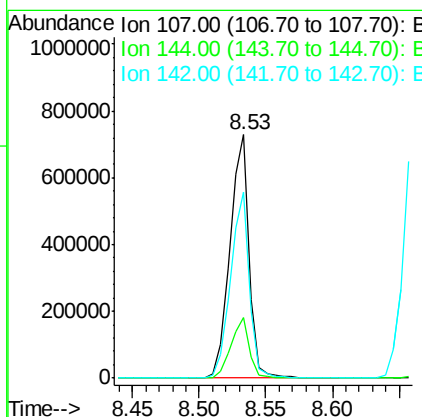
Manual Integrations
 APPROVED

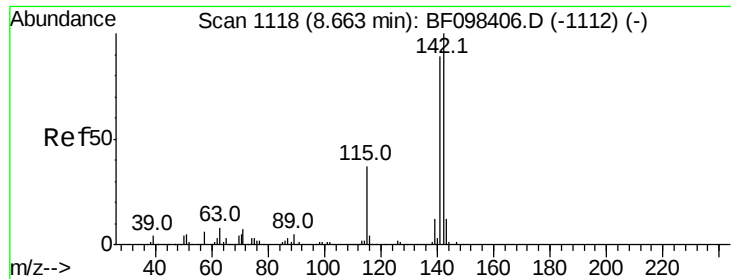
Sohil
 9/12/2017 6:02:11 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.123 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:107 Resp: 737489
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 76.3 73.4 110.0





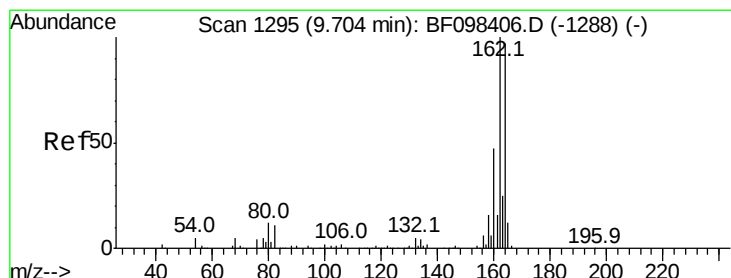
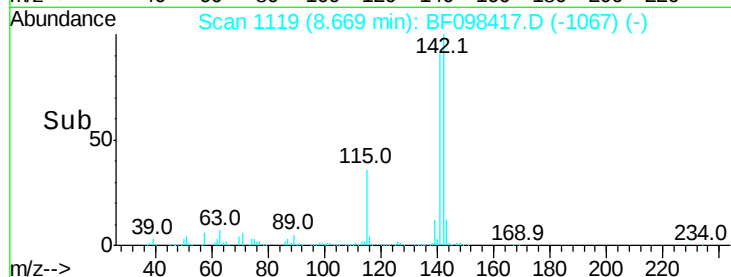
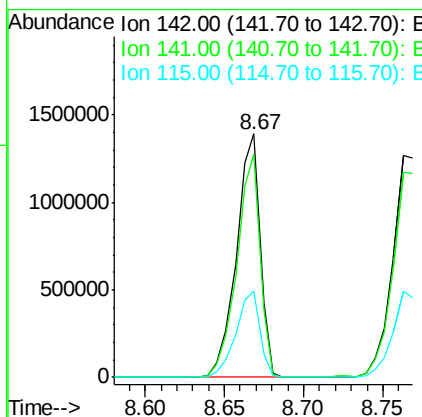
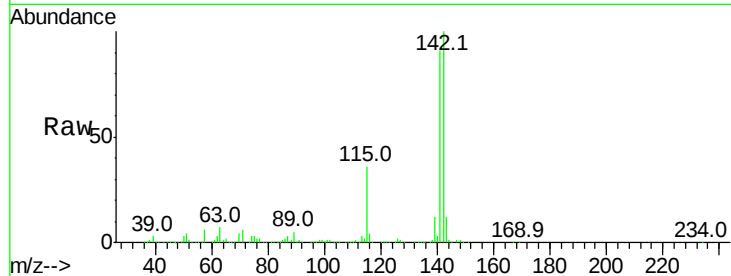
#37
 2-Methylnaphthalene
 Concen: 47.922 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9
115	35.6	27.1	40.7

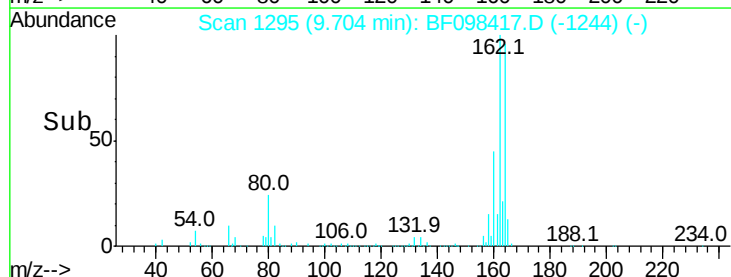
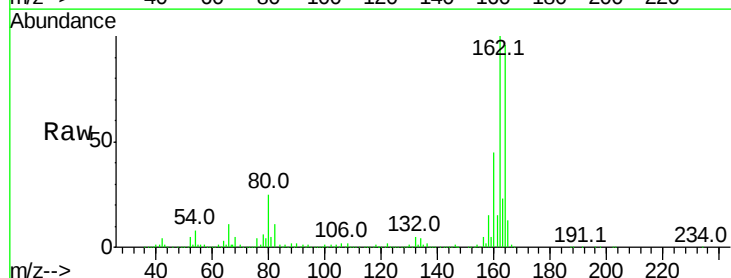
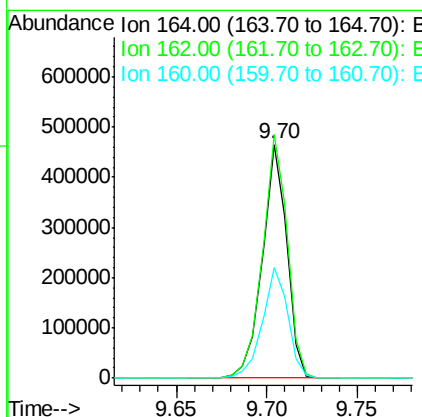
Manual Integrations
 APPROVED

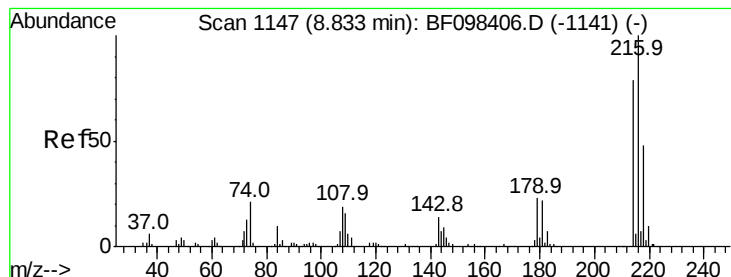
Sohil
 9/12/2017 6:02:11 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	47.0	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.190 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF098417.D

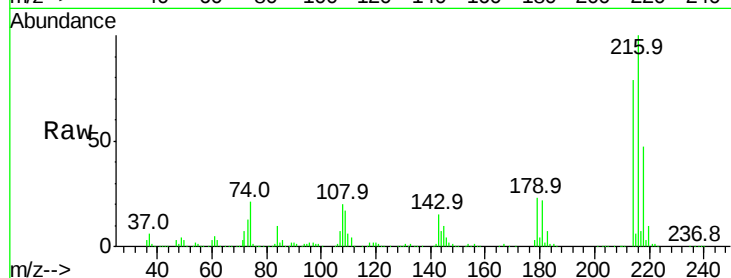
Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD



Tot Ion:216 Resp: 589013

Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 22.8 17.9 26.9

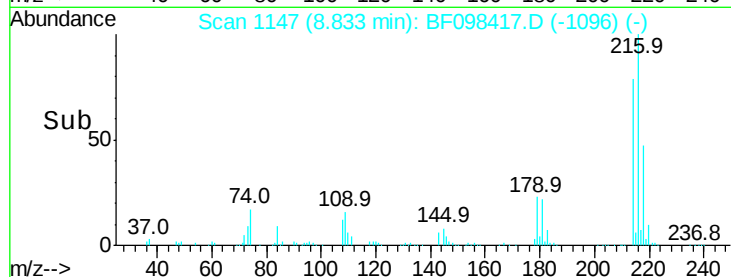
108 23.5 16.5 24.7

Manual Integrations

APPROVED

Sohil

9/12/2017 6:02:11 PM

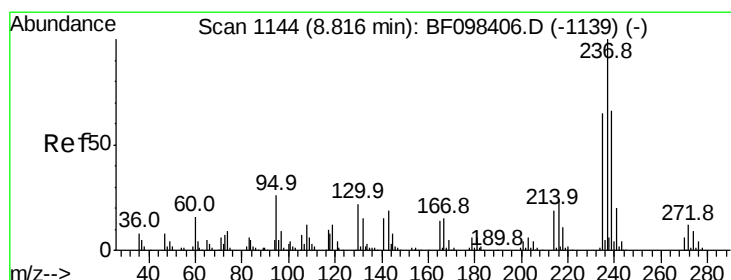
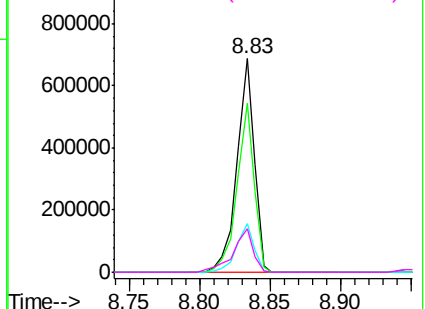


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.575 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

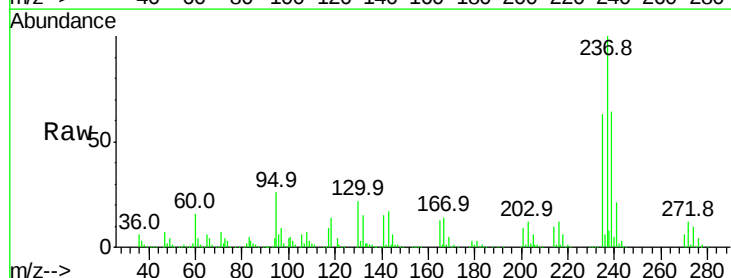
Tgt Ion:237 Resp: 376752

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

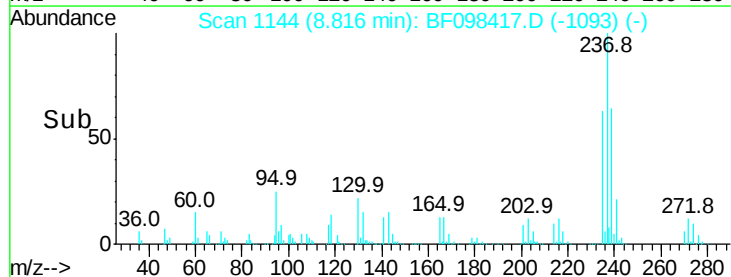
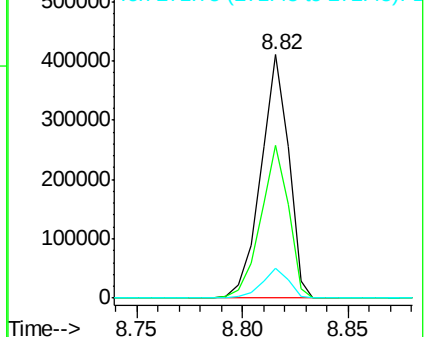
272 12.0 0.0 31.9

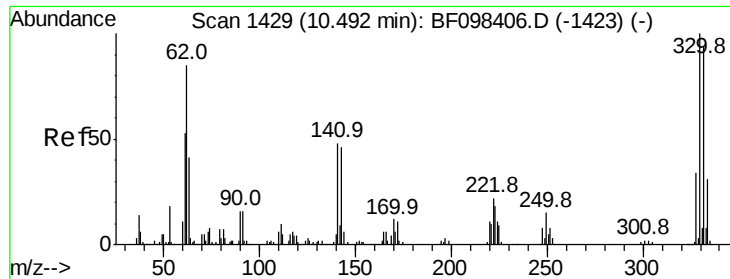


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





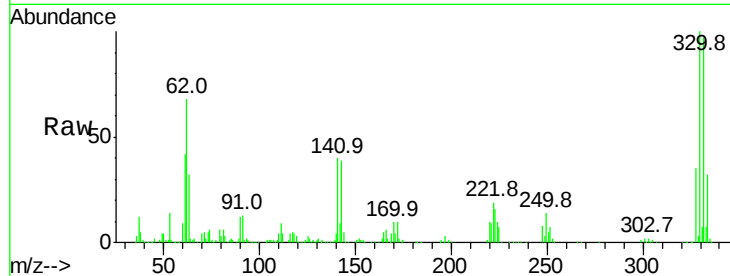
#41
 2,4,6-Tribromophenol
 Concen: 152.157 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

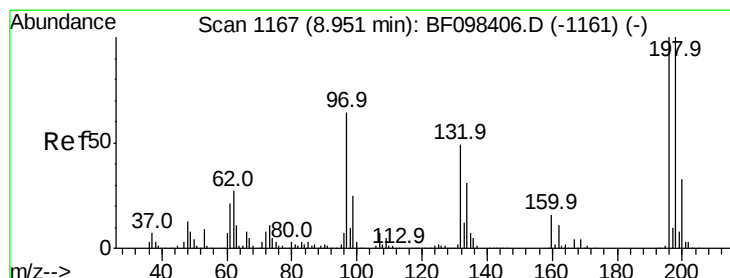
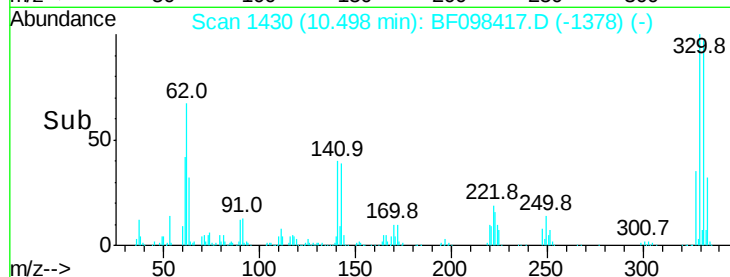
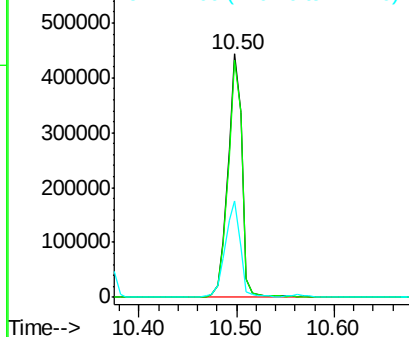
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	76.6	115.0	
141	42.6	31.4	47.2	

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:11 PM



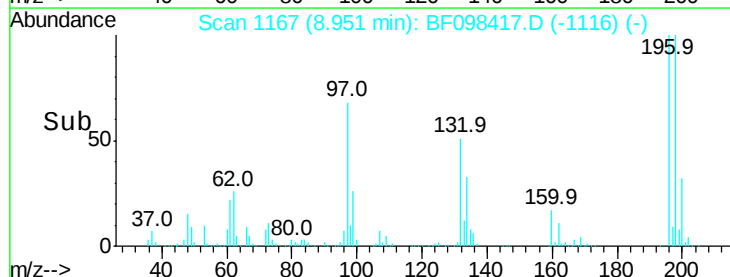
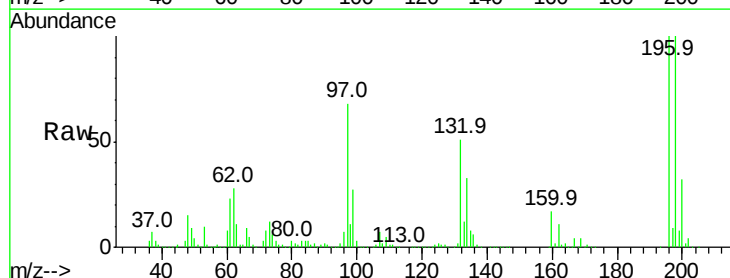
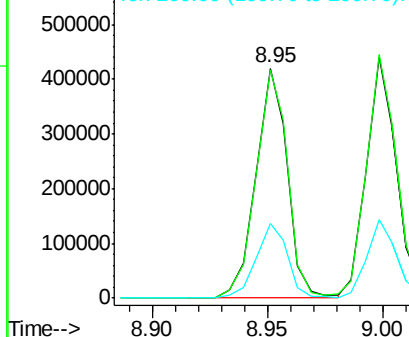
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

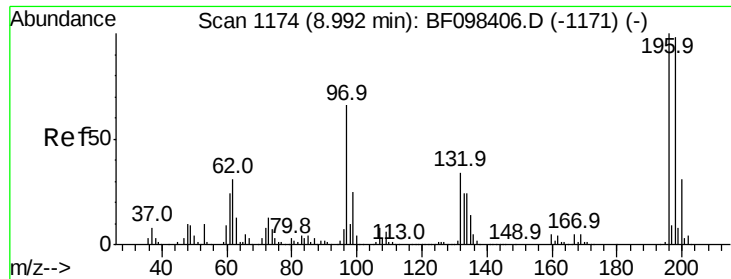


#42
 2,4,6-Trichlorophenol
 Concen: 49.705 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.5	74.2	111.4	
200	32.2	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





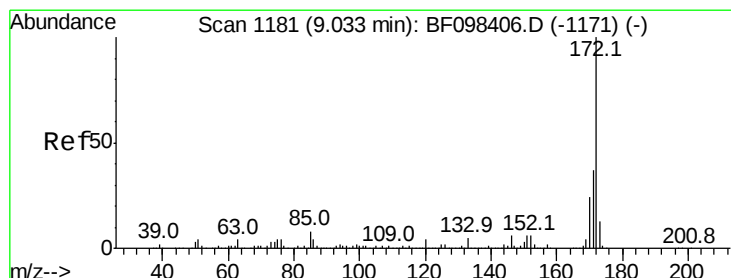
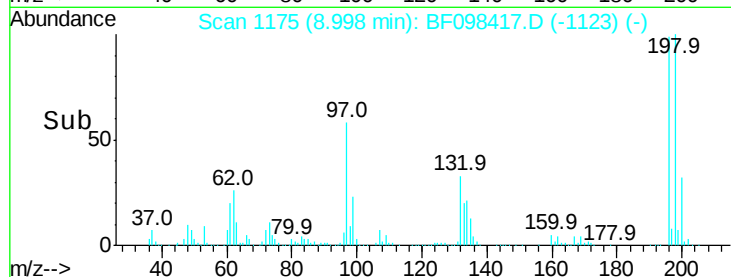
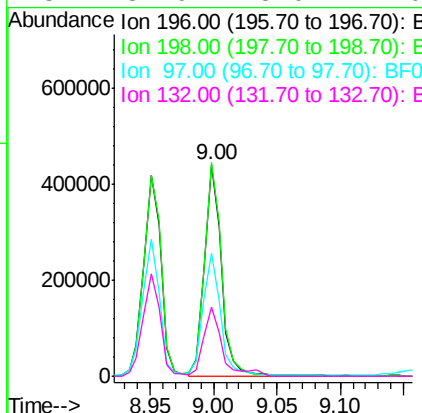
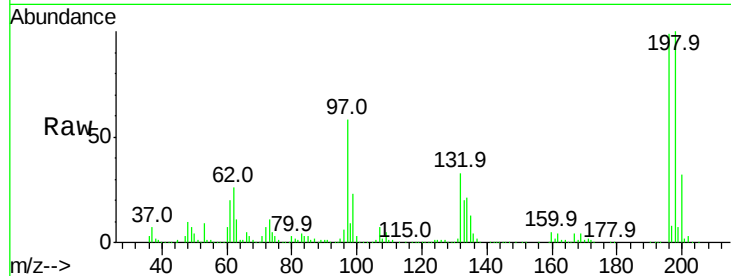
#43
 2,4,5-Trichlorophenol
 Concen: 49.095 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion:	196	Resp:	411051
Ion Ratio	Lower	Upper	
196	100		
198	101.1	75.7	113.5
97	58.5	47.7	71.5
132	32.9	28.0	42.0

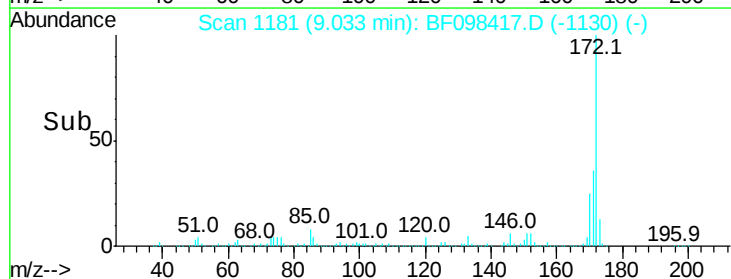
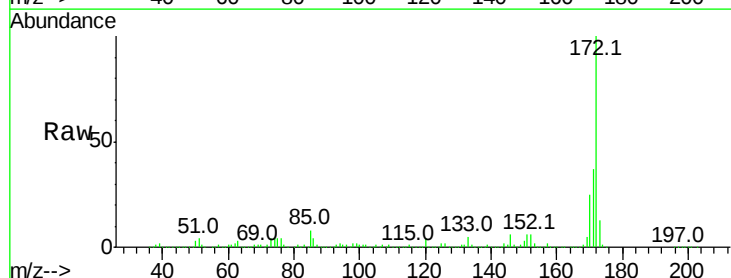
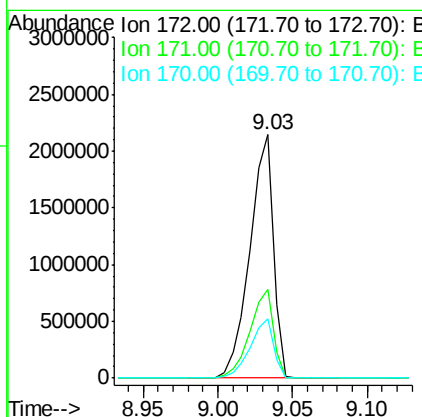
Manual Integrations
 APPROVED

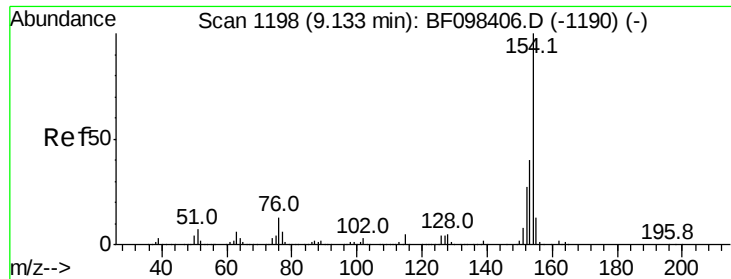
Sohil
 9/12/2017 6:02:11 PM



#44
 2-Fluorobiphenyl
 Concen: 90.384 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:	172	Resp:	2334671
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8





#45

1,1'-Biphenyl

Concen: 43.339 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:154 Resp: 1698297

Ion Ratio Lower Upper

154 100

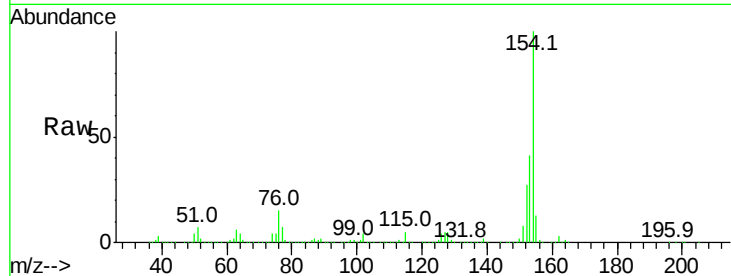
153 41.4 21.2 61.2

76 14.5 0.0 29.9

Manual Integrations
APPROVED

Sohil

9/12/2017 6:02:11 PM

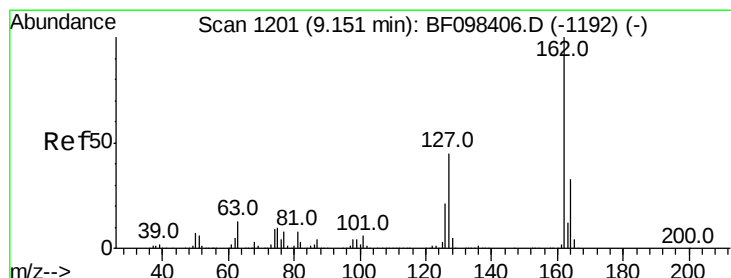
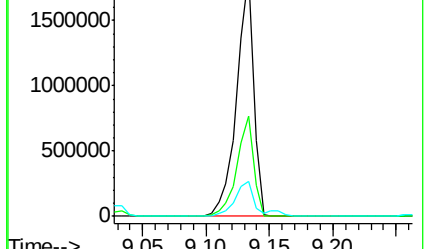
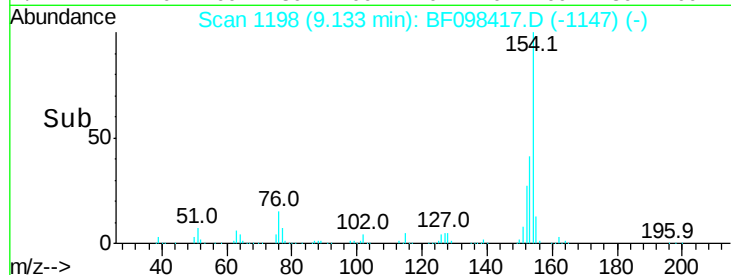


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

Time-->



#46

2-Chloronaphthalene

Concen: 46.020 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

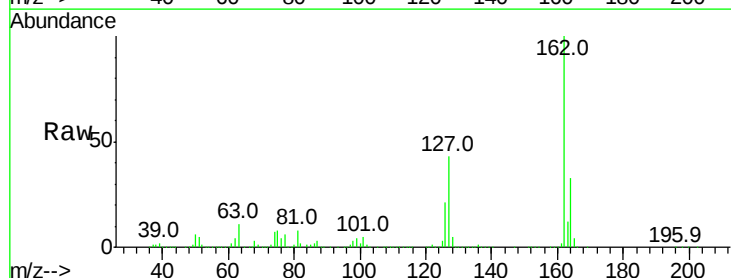
Tgt Ion:162 Resp: 1287928

Ion Ratio Lower Upper

162 100

127 43.0 28.3 42.5#

164 33.3 27.0 40.4

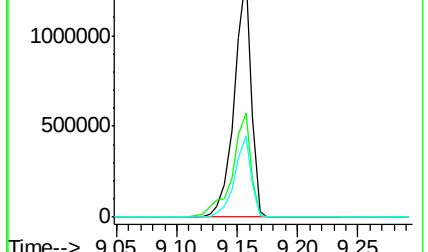
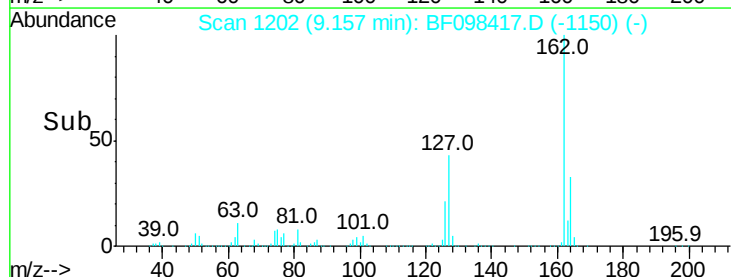


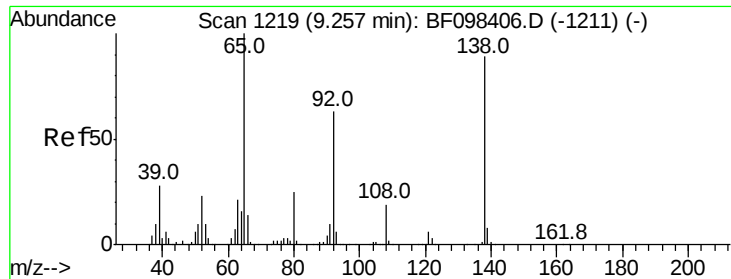
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->





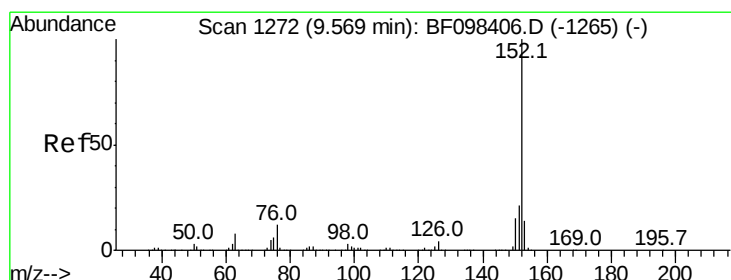
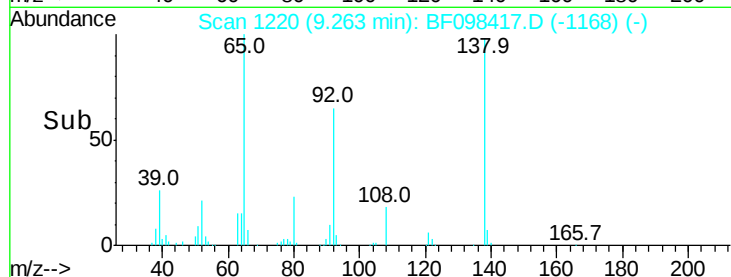
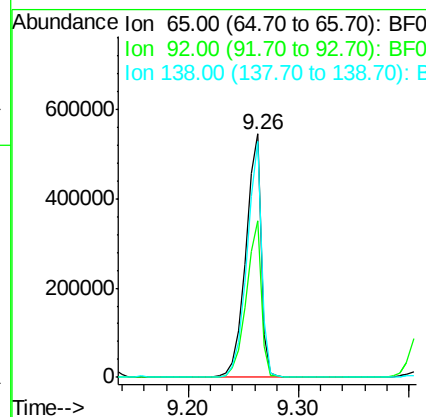
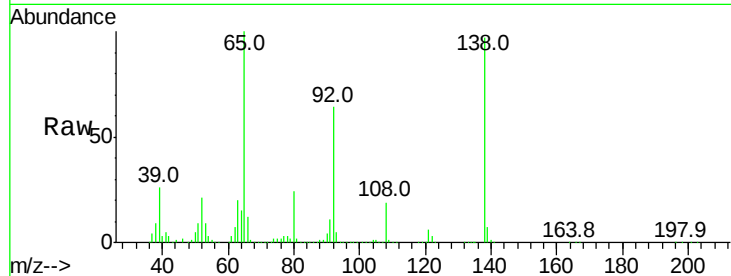
#47
2-Nitroaniline
Concen: 49.887 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.9	80.9
138	97.1	78.8	118.2

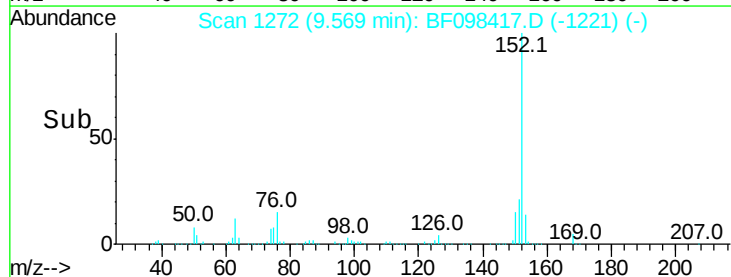
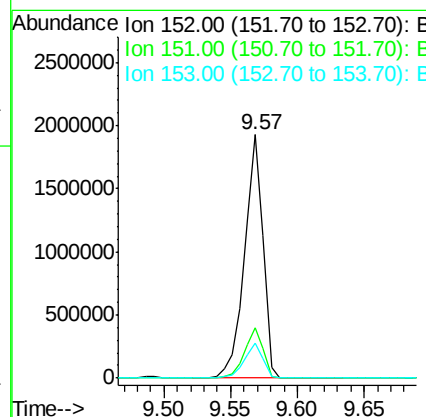
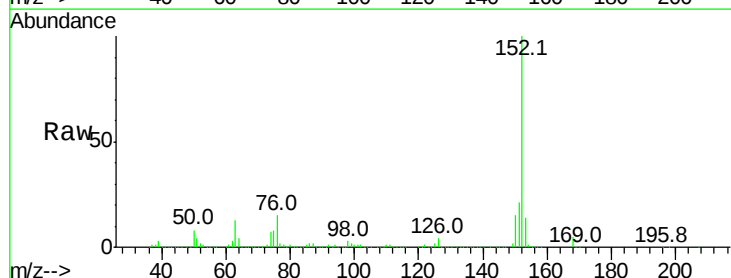
Manual Integrations
APPROVED

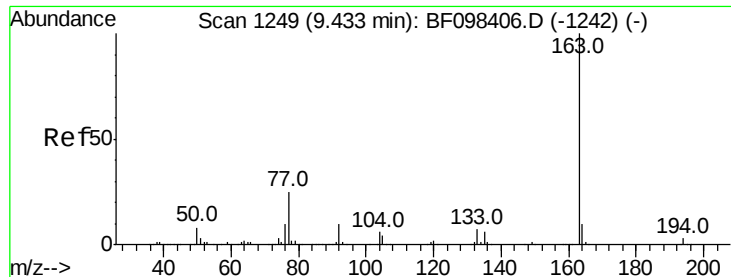
Sohil
9/12/2017 6:02:11 PM



#48
Acenaphthylene
Concen: 44.383 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.1	10.8	16.2





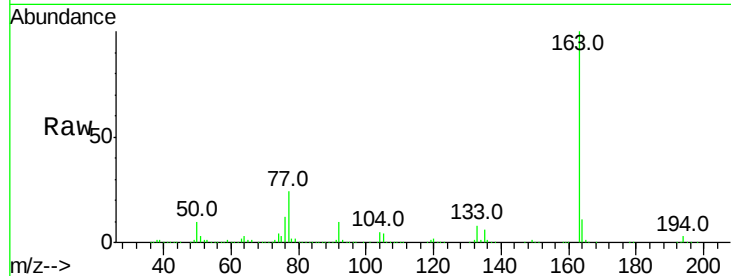
#49
Dimethylphthalate
Concen: 58.347 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

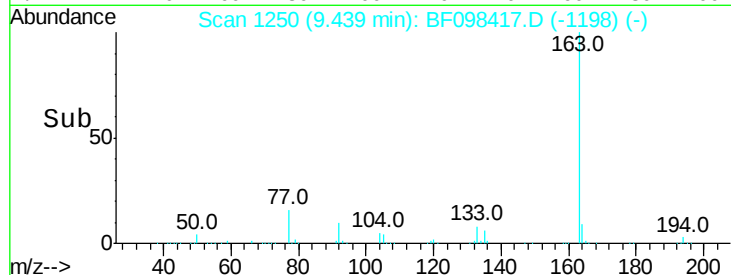
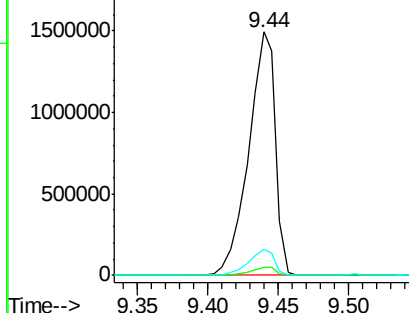
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM



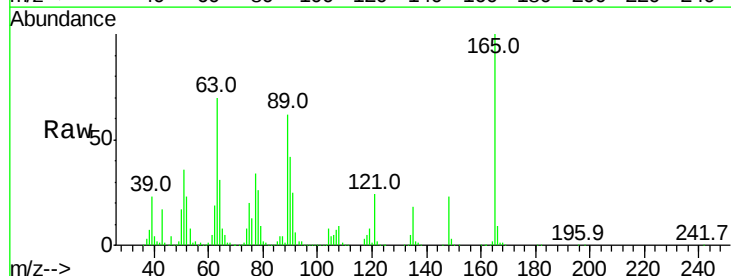
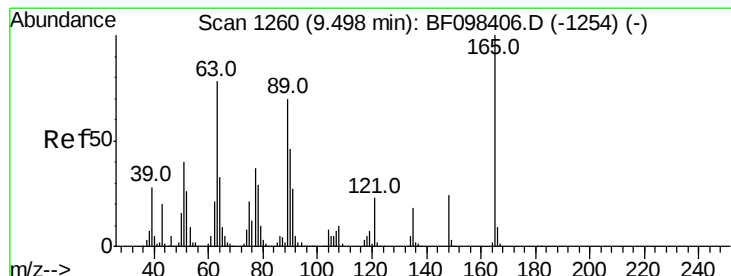
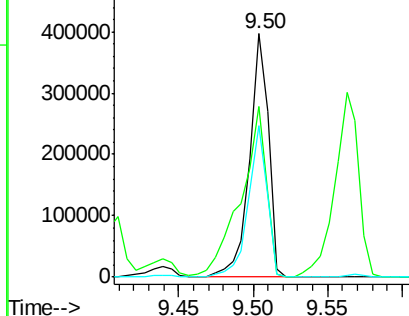
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

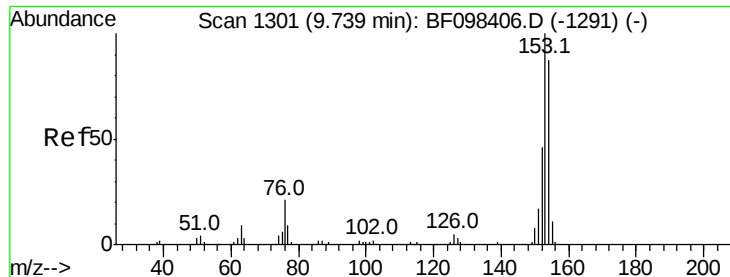


#50
2,6-Dinitrotoluene
Concen: 49.740 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.0	34.3	51.5#
89	62.0	37.1	55.7#

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





#51

Acenaphthene

Concen: 44.943 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:154 Resp: 1188771

Ion Ratio Lower Upper

154 100

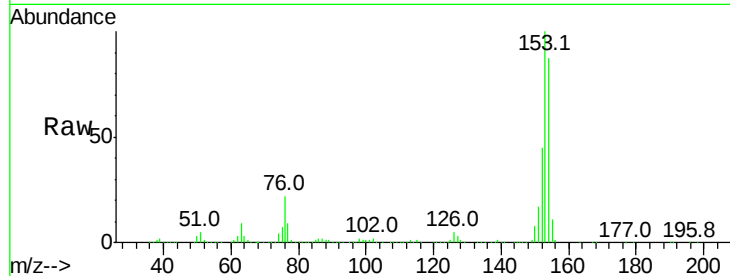
153 114.5 90.5 135.7

152 51.9 43.6 65.4

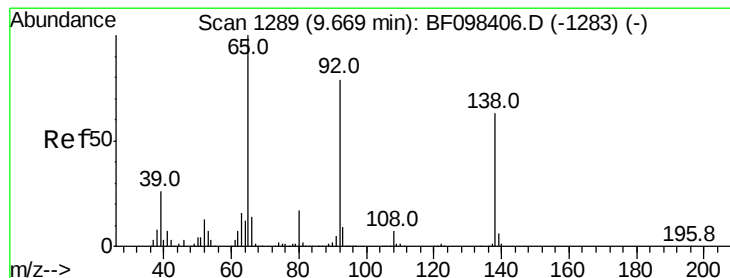
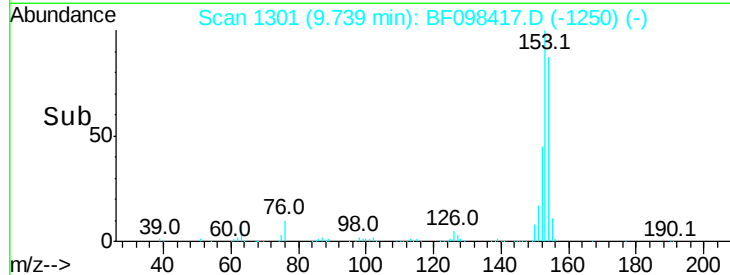
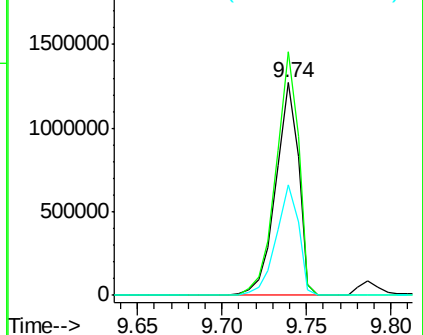
Manual Integrations
APPROVED

Sohil

9/12/2017 6:02:11 PM



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: 35.876 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

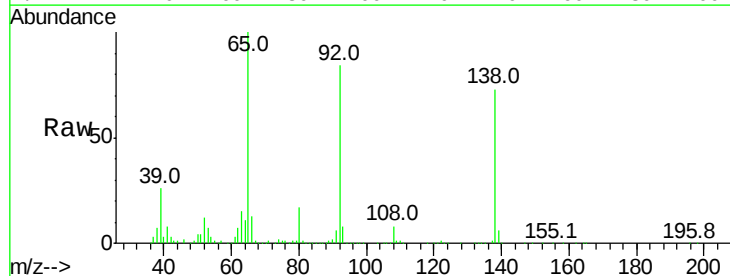
Tgt Ion:138 Resp: 301474

Ion Ratio Lower Upper

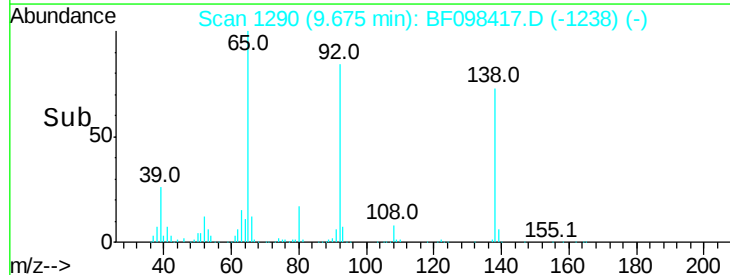
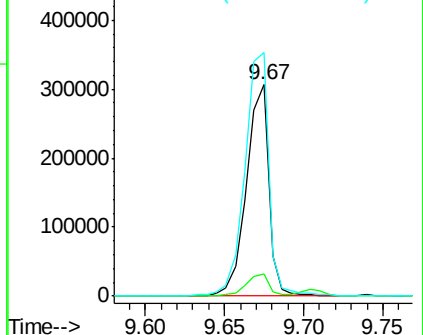
138 100

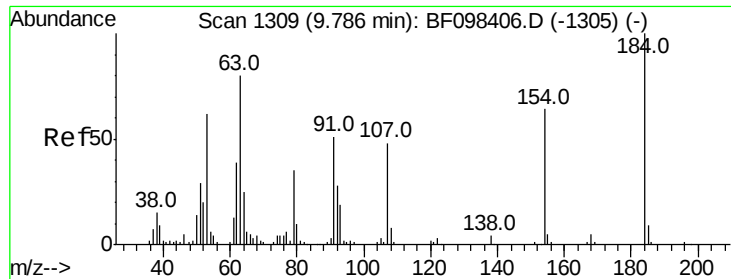
108 10.5 9.1 13.7

92 115.2 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





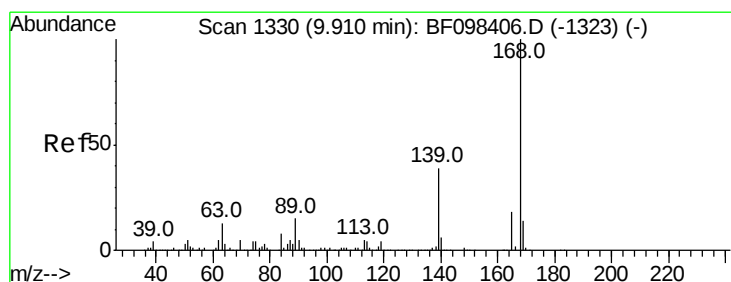
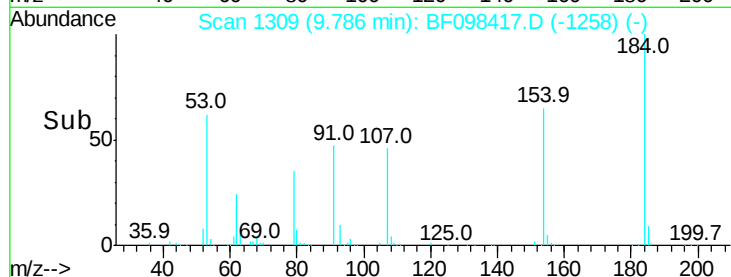
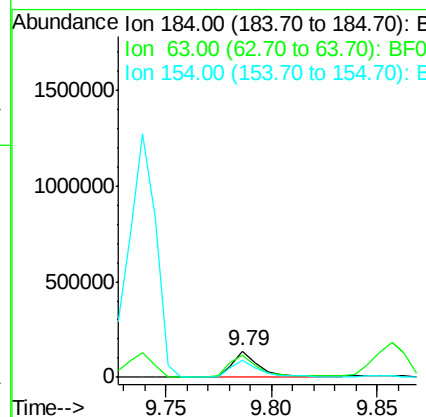
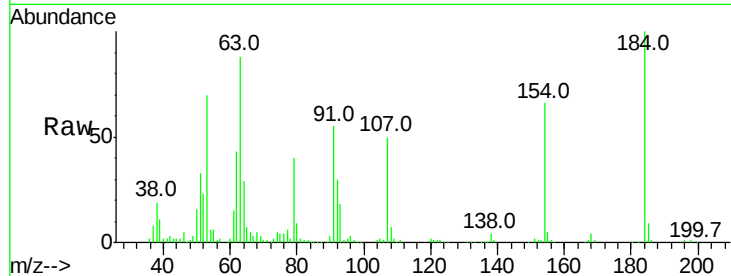
#53
 2,4-Dinitrophenol
 Concen: 43.266 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	87.5	62.7	94.1	
154	65.8	81.1	121.7	

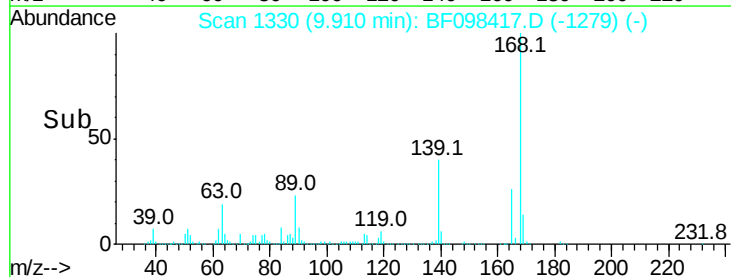
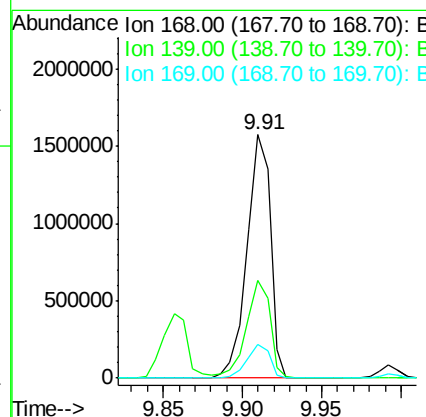
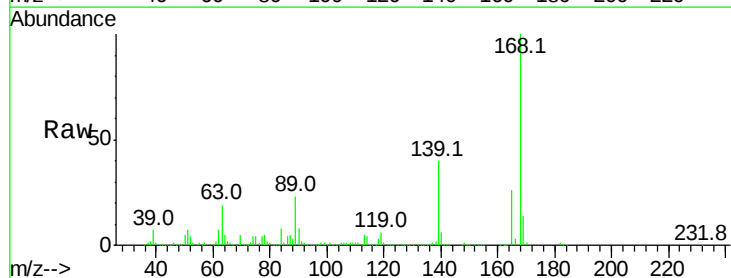
Manual Integrations
 APPROVED

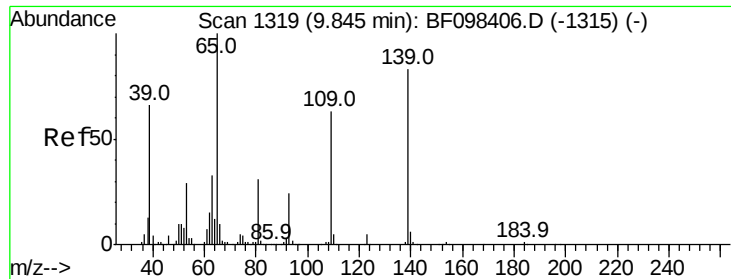
Sohil
 9/12/2017 6:02:11 PM



#54
 Dibenzofuran
 Concen: 46.293 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	30.6	45.8	
169	13.9	10.8	16.2	





#55

4-Nitrophenol

Concen: 96.375 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:139 Resp: 465292

Ion Ratio Lower Upper

139 100

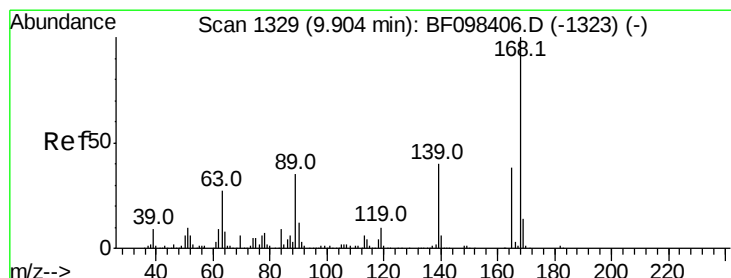
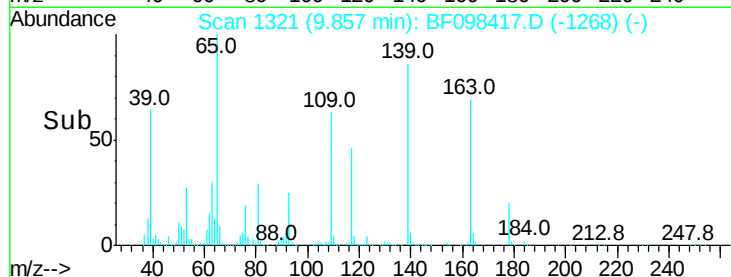
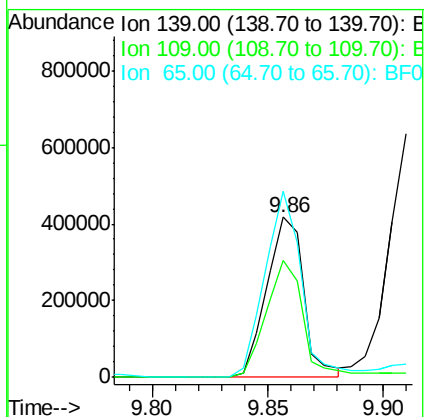
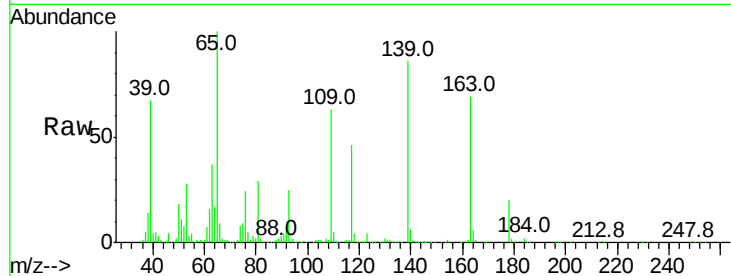
109 73.2 34.1 74.1

65 116.3 31.4 71.4#

Manual Integrations
APPROVED

Sohil

9/12/2017 6:02:11 PM



#56

2,4-Dinitrotoluene

Concen: 47.226 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:165 Resp: 399688

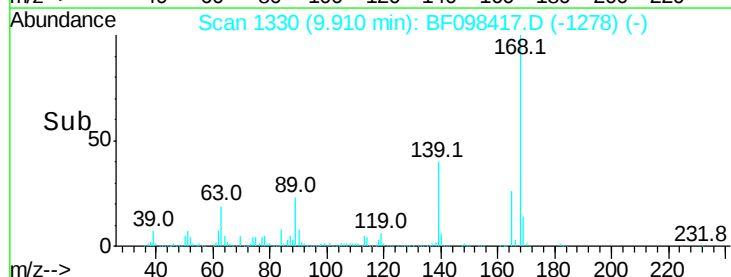
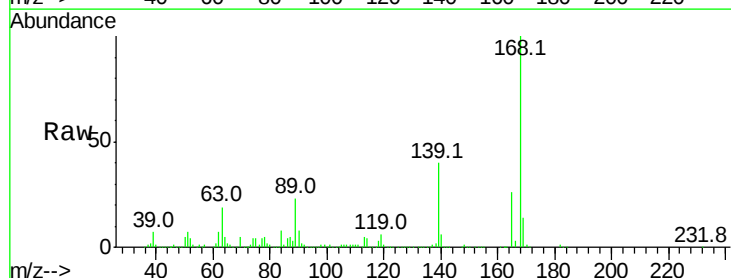
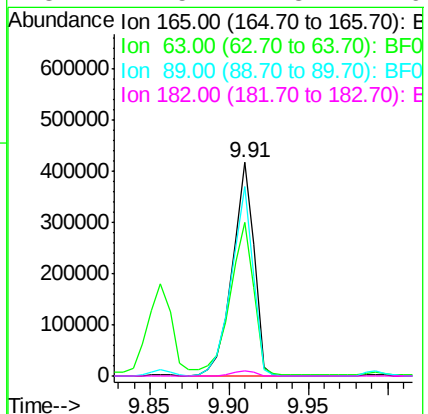
Ion Ratio Lower Upper

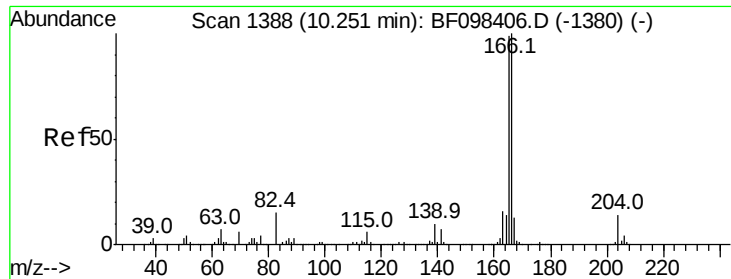
165 100

63 71.9 25.4 38.0#

89 88.4 46.4 69.6#

182 2.5 1.8 2.6





#57

Fluorene

Concen: 43.071 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:166 Resp: 1242274

Ion Ratio Lower Upper

166 100

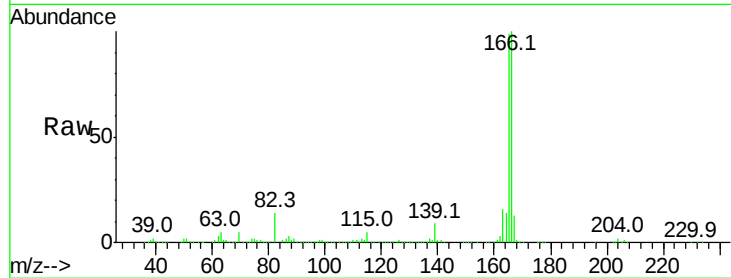
165 99.1 78.8 118.2

167 13.2 10.6 16.0

Manual Integrations
APPROVED

Sohil

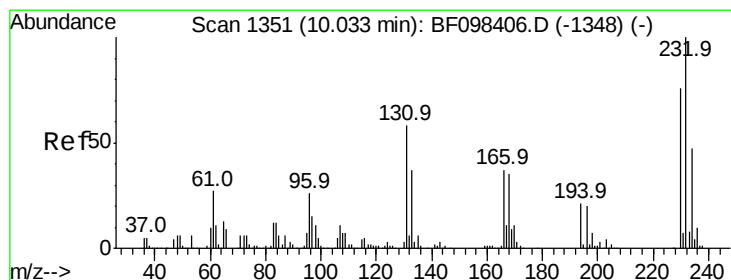
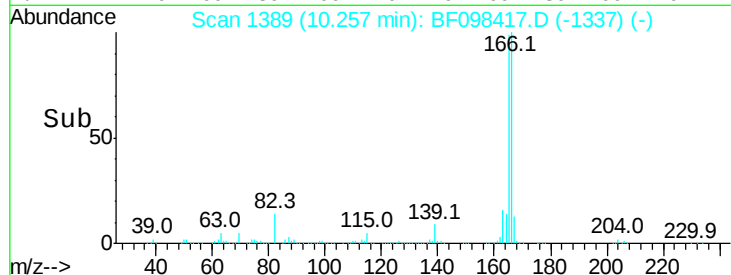
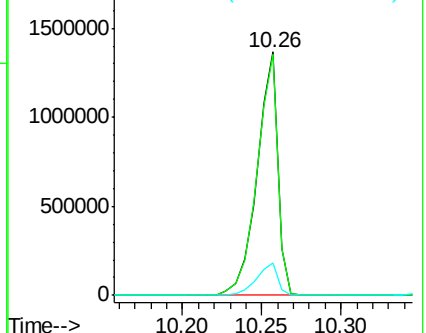
9/12/2017 6:02:11 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.035 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:232 Resp: 292791

Ion Ratio Lower Upper

232 100

131 56.7 44.8 67.2

130 3.1 2.3 3.5

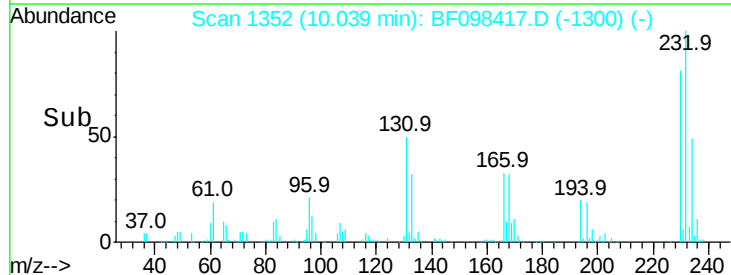
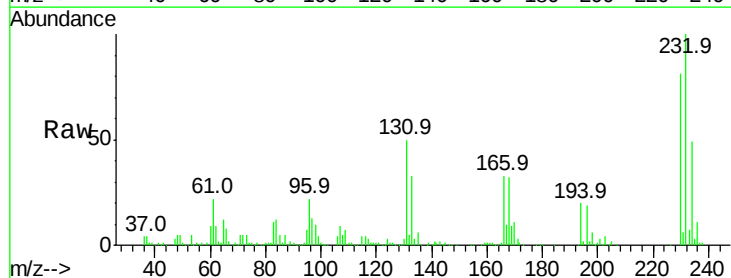
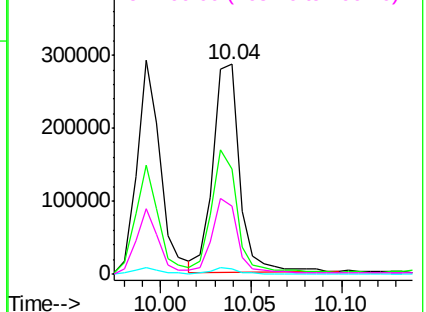
166 34.8 29.0 43.4

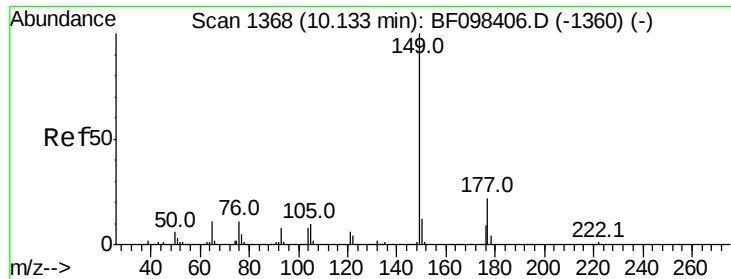
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





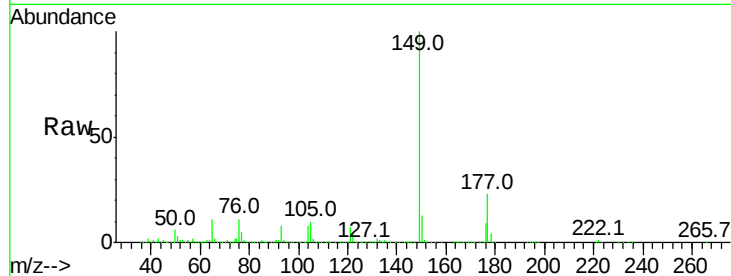
#59
Diethylphthalate
Concen: 45.801 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.7	25.1
150	12.5	10.2	15.2

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM

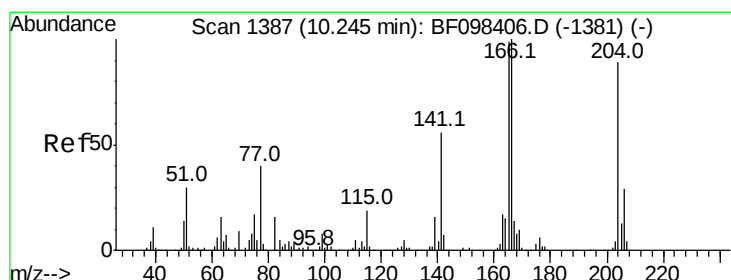
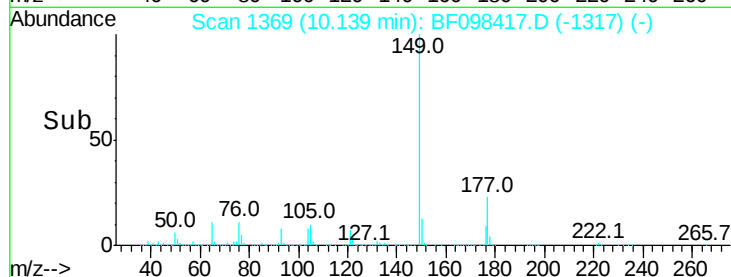
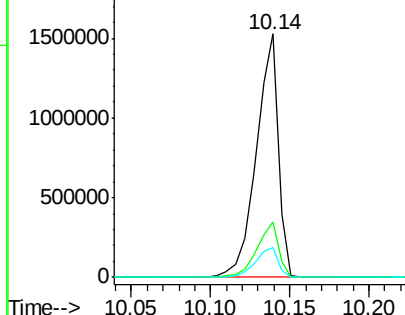


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 44.214 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

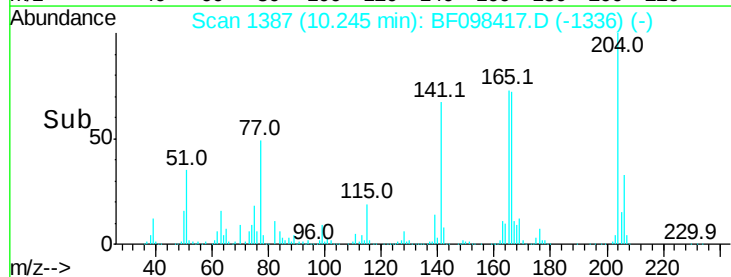
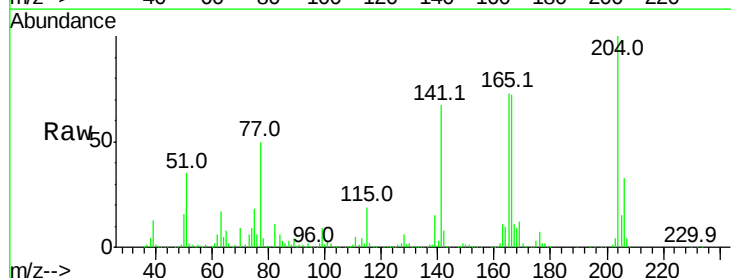
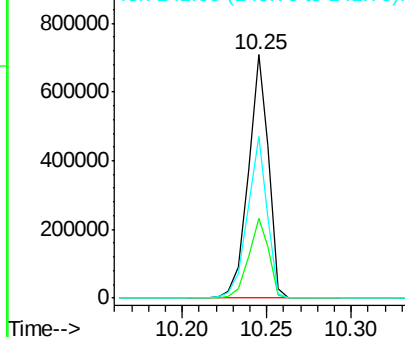
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	66.6	60.8	91.2

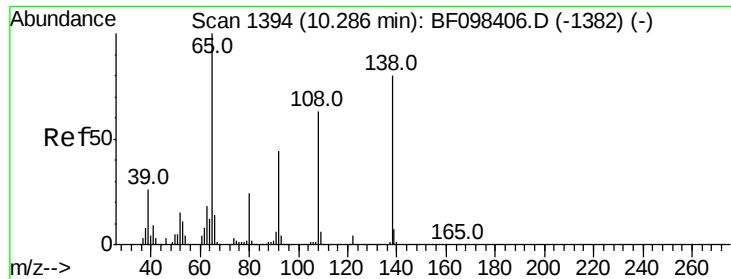
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





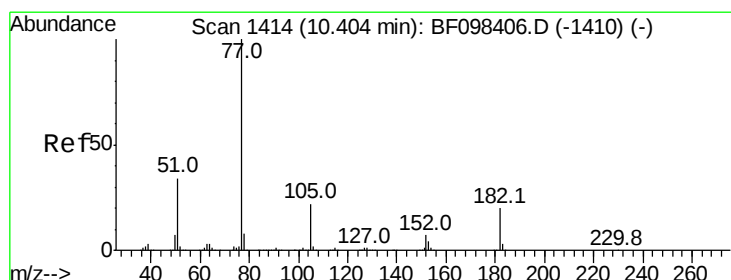
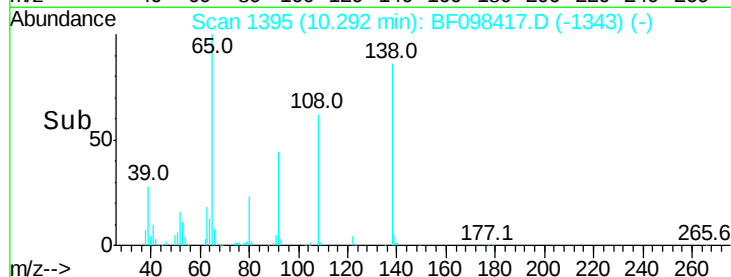
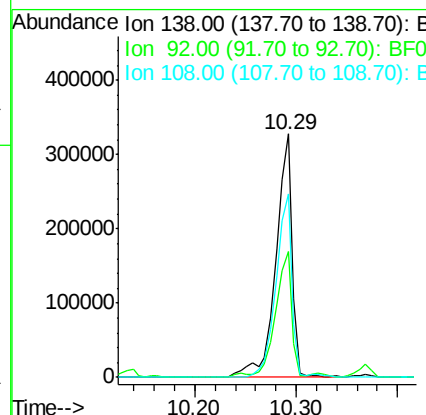
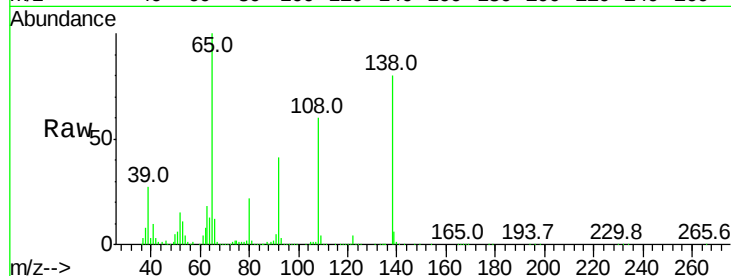
#61
4-Nitroaniline
Concen: 44.210 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	21.8	61.8
108	75.2	42.3	82.3

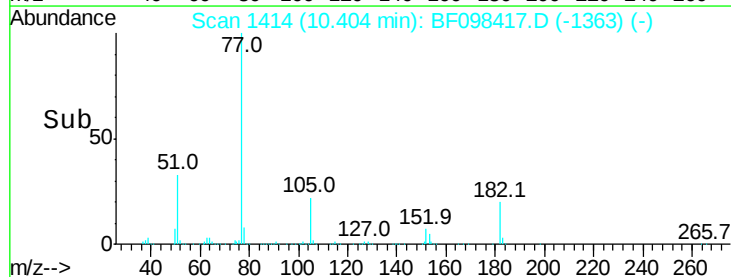
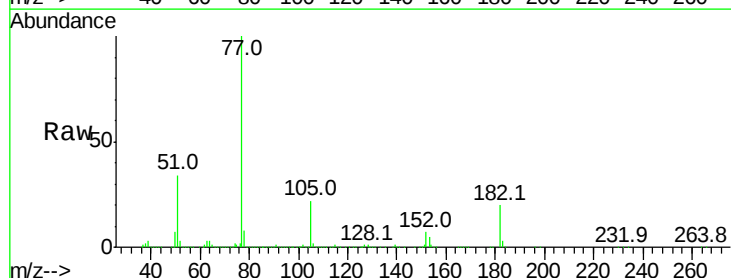
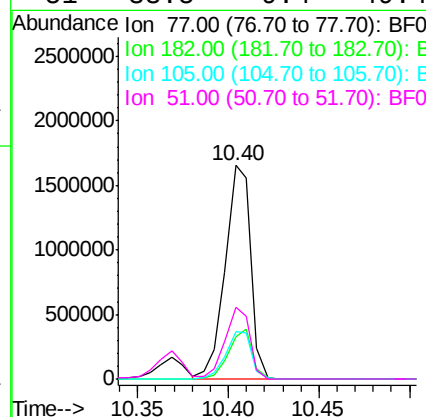
Manual Integrations
APPROVED

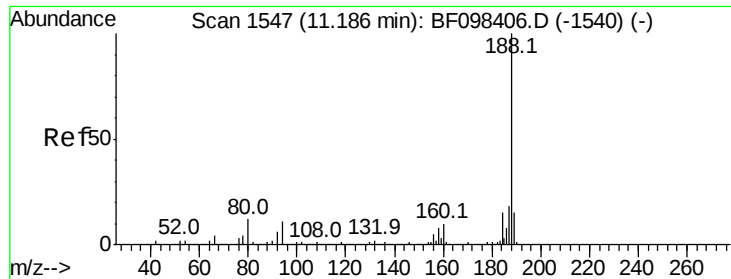
Sohil
9/12/2017 6:02:11 PM



#62
Azobenzene
Concen: 46.480 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.1	40.1
105	22.1	3.6	43.6
51	33.5	9.4	49.4





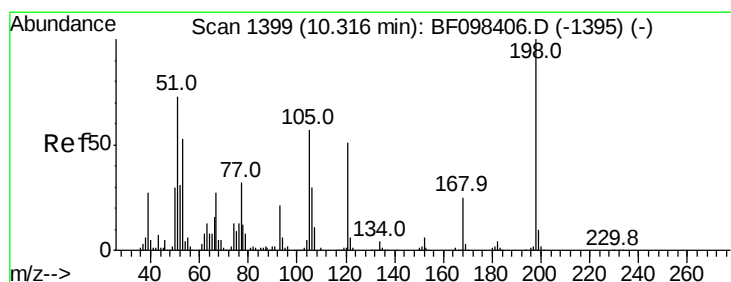
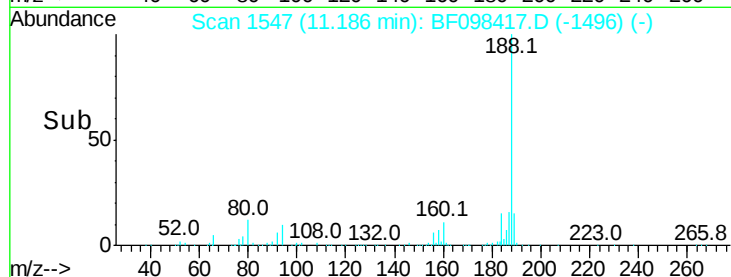
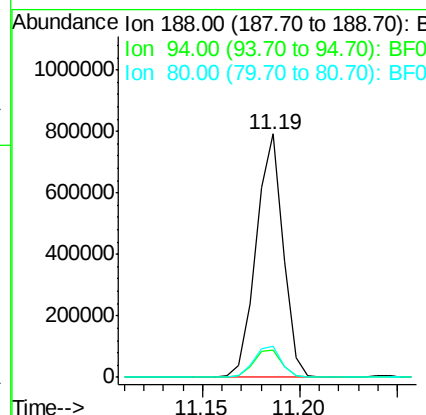
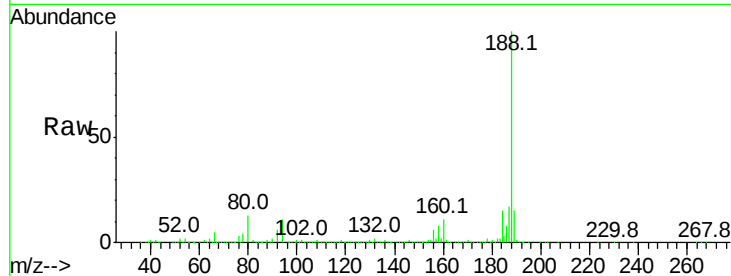
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	756764		
94	11.5		9.4	14.2
80	12.6		10.2	15.2

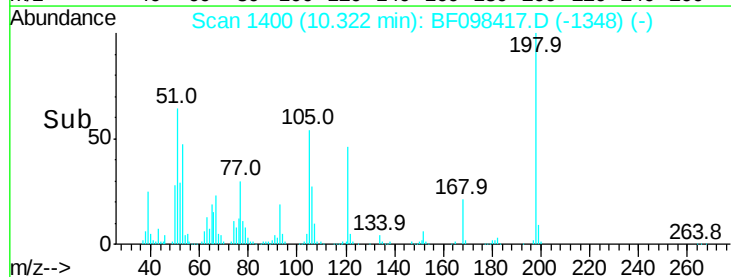
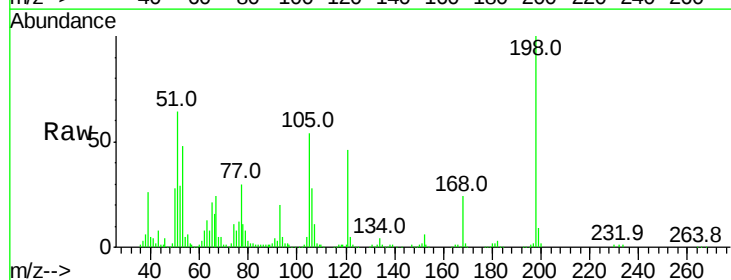
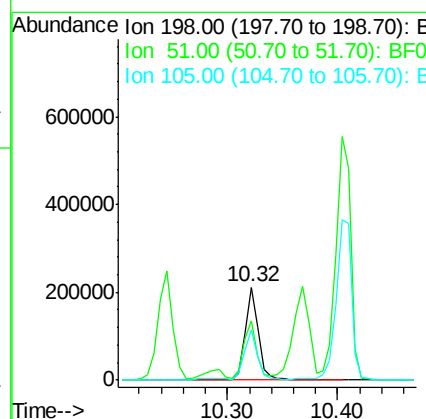
Manual Integrations
APPROVED

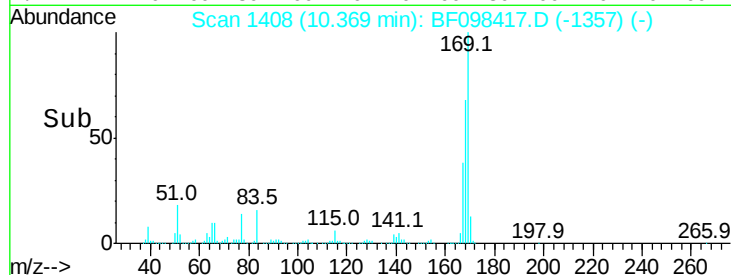
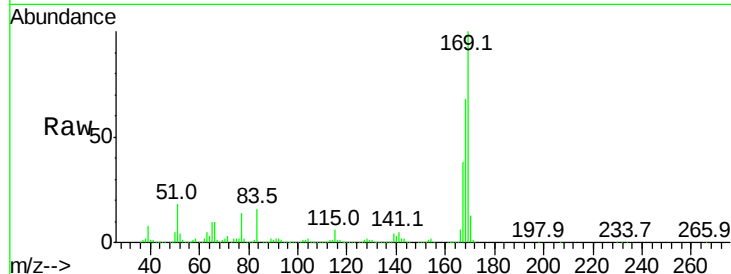
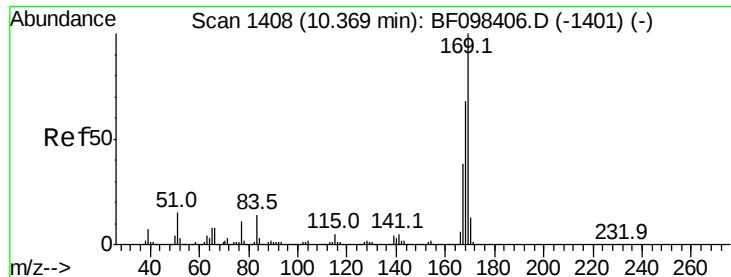
Sohil
9/12/2017 6:02:11 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.724 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	179955		
51	64.3		53.2	93.2
105	53.8		45.8	85.8





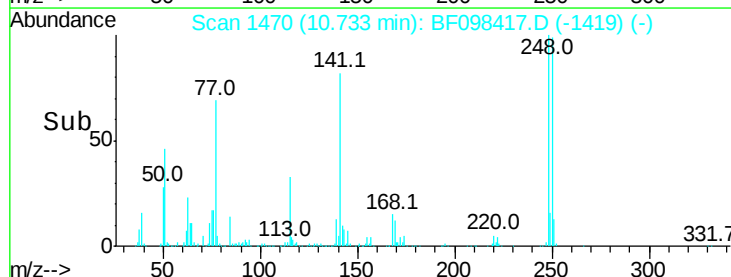
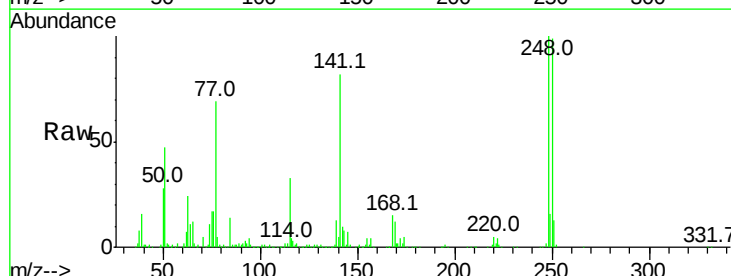
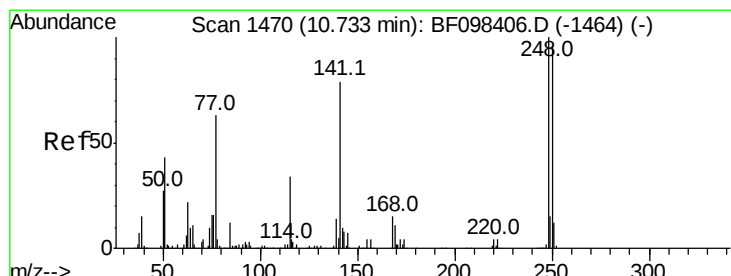
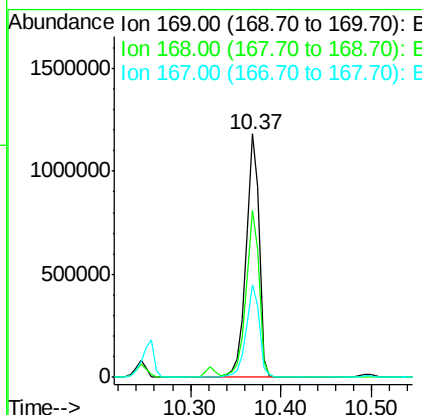
#65
n-Nitrosodiphenylamine
Concen: 48.192 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.2	79.8
167	37.9	29.5	44.3

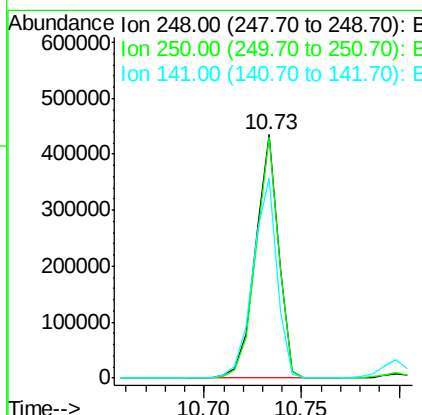
Manual Integrations
APPROVED

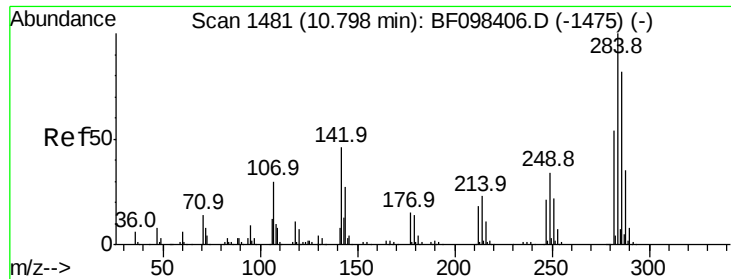
Sohil
9/12/2017 6:02:11 PM



#66
4-Bromophenyl-phenylether
Concen: 49.579 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.8	115.2
141	82.1	68.6	103.0





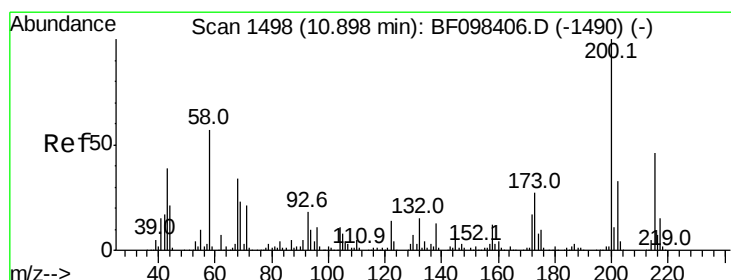
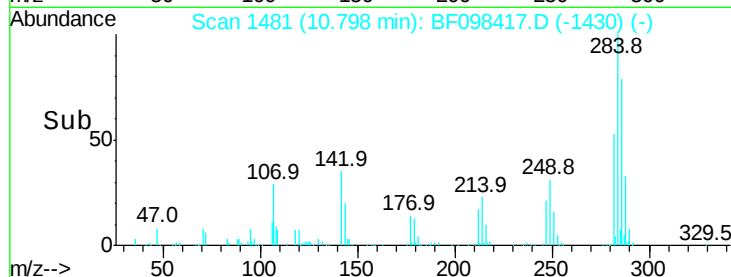
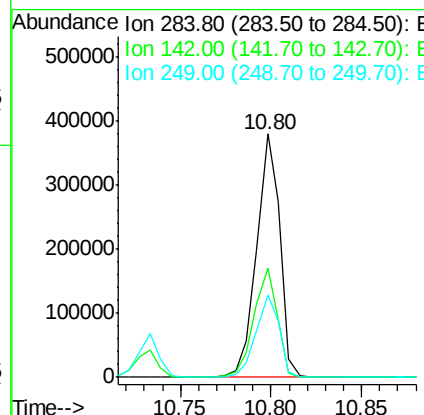
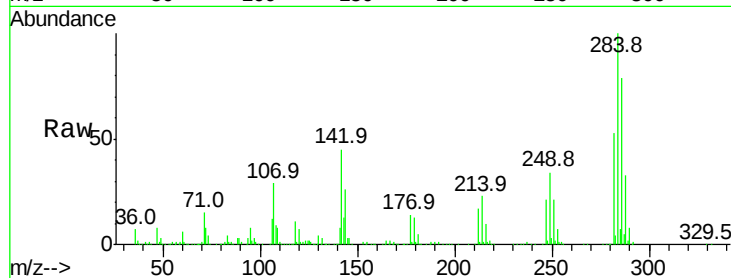
#67
Hexachlorobenzene
Concen: 46.265 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	45.0	22.8	34.2	#
249	33.9	24.0	36.0	

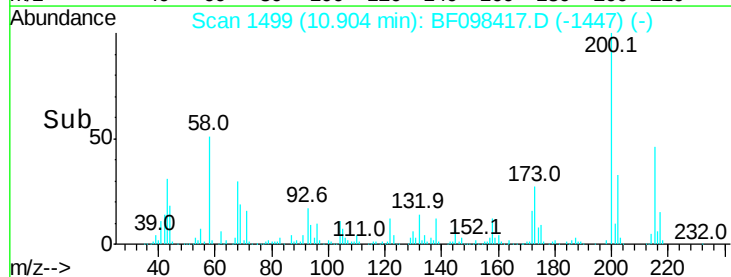
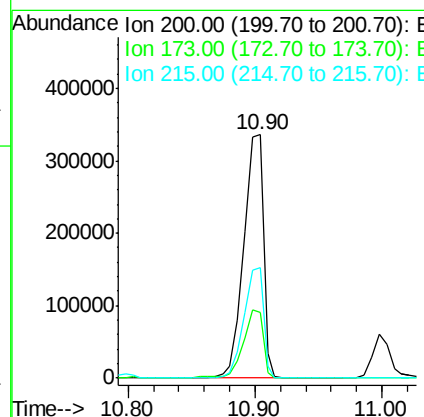
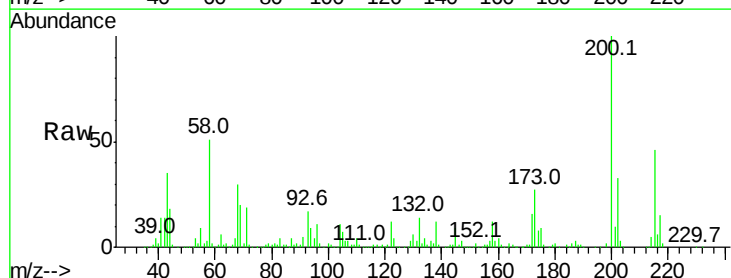
Manual Integrations
APPROVED

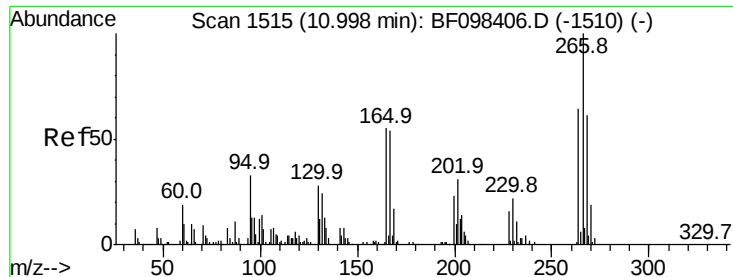
Sohil
9/12/2017 6:02:11 PM



#68
Atrazine
Concen: 47.338 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	6.3	46.3	
215	45.6	27.2	67.2	





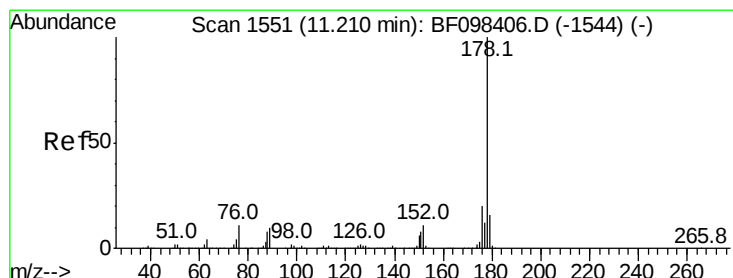
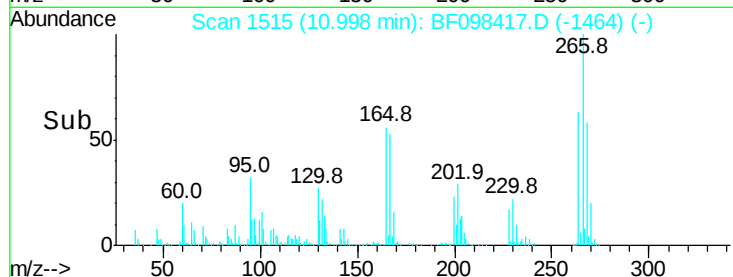
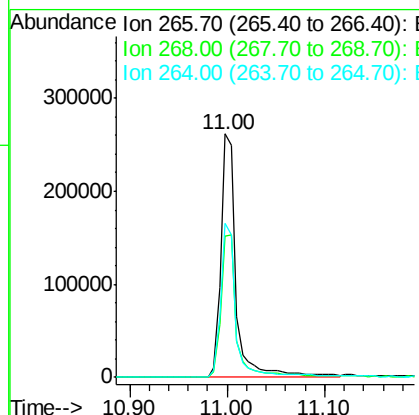
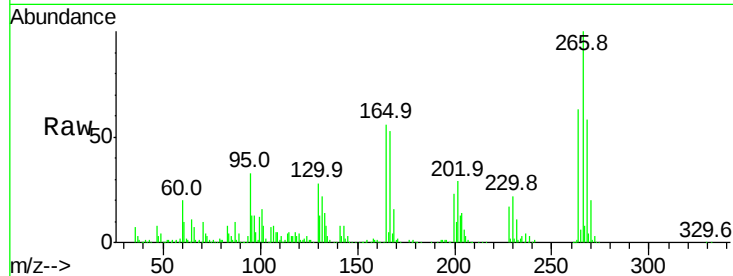
#69
 Pentachlorophenol
 Concen: 87.638 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	284967		
268	58.1		51.1	76.7
264	63.1		51.7	77.5

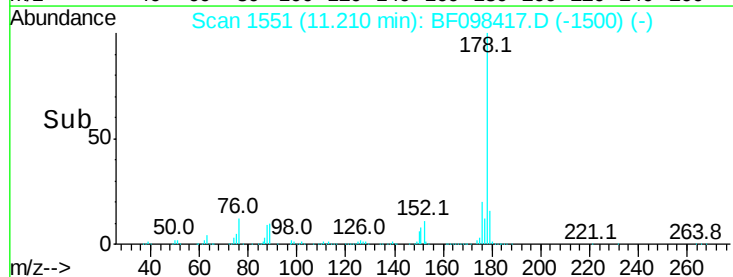
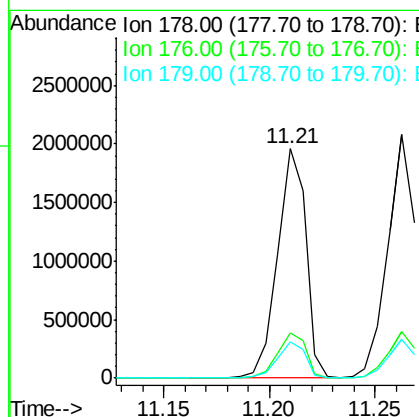
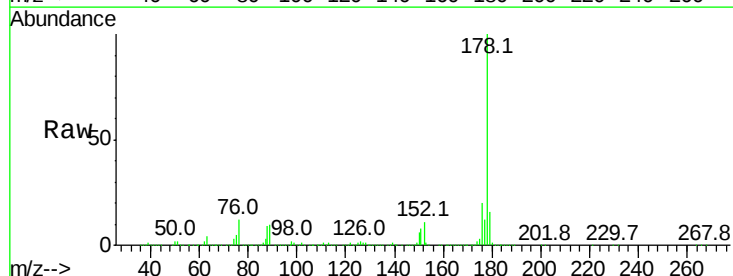
Manual Integrations
 APPROVED

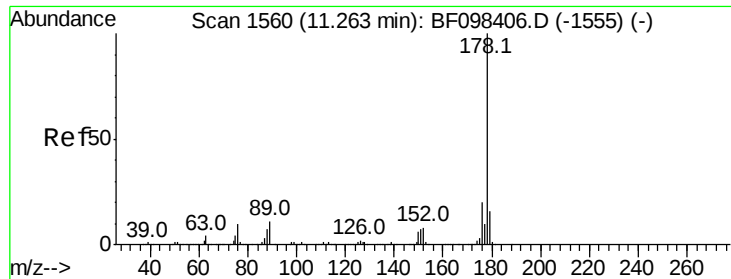
Sohil
 9/12/2017 6:02:11 PM



#70
 Phenanthrene
 Concen: 45.692 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1833087		
176	19.9		16.2	24.4
179	15.7		12.6	19.0





#71
 Anthracene
 Concen: 45.851 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

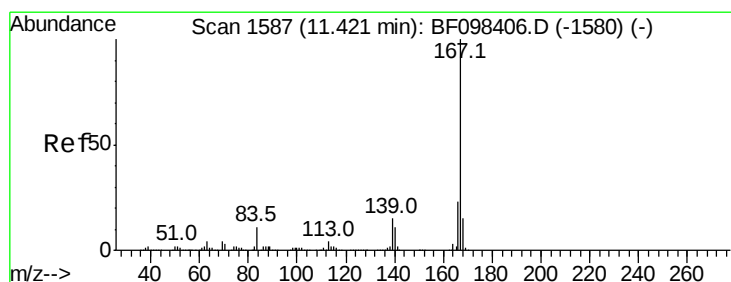
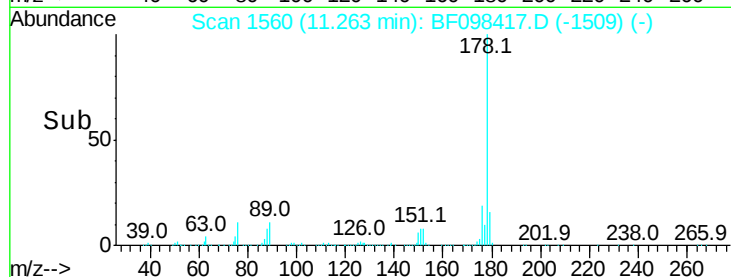
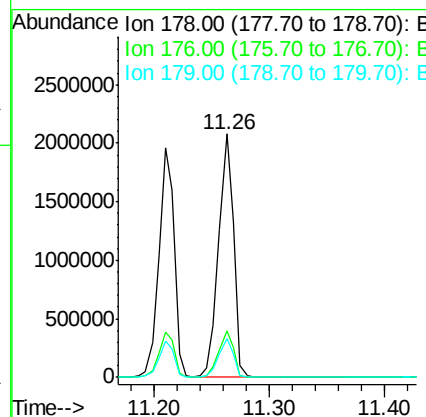
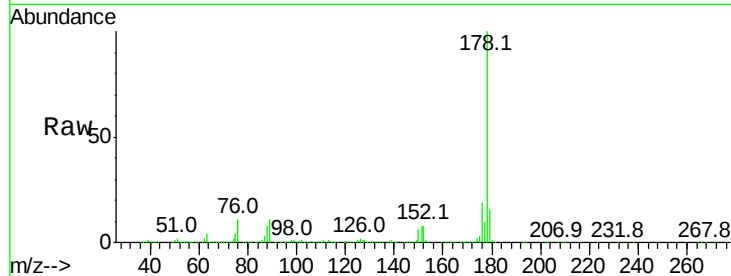
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion:178 Resp: 1888567

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.0	12.7	19.1

Manual Integrations
 APPROVED

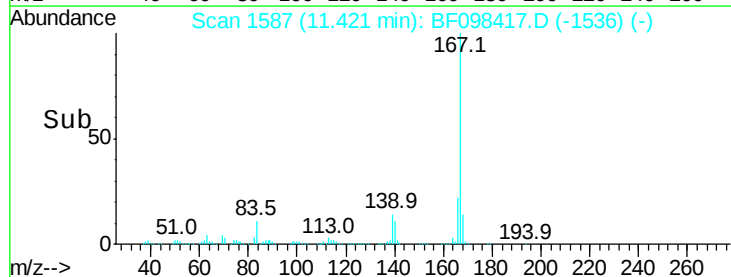
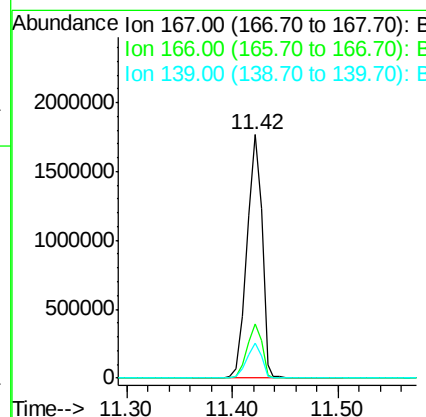
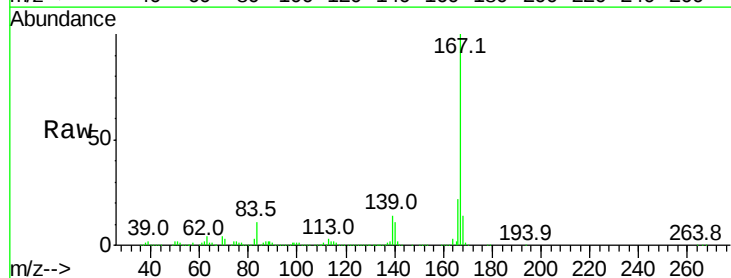
Sohil
 9/12/2017 6:02:11 PM

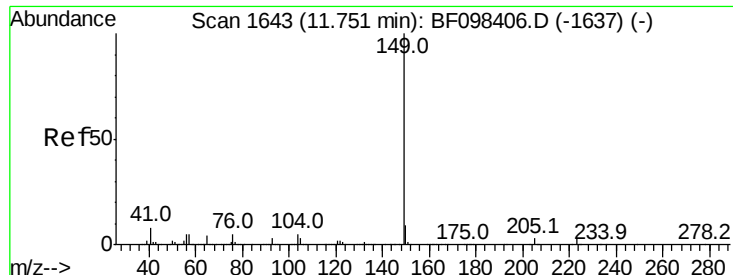


#72
 Carbazole
 Concen: 44.469 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:167 Resp: 1707022

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	14.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.655 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:149 Resp: 2145818

Ion Ratio Lower Upper

149 100

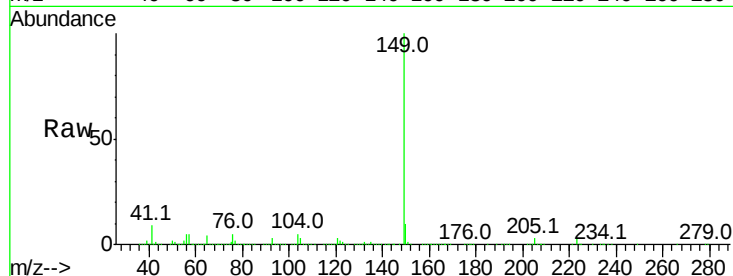
150 9.5 7.7 11.5

104 5.4 4.0 6.0

Manual Integrations
APPROVED

Sohil

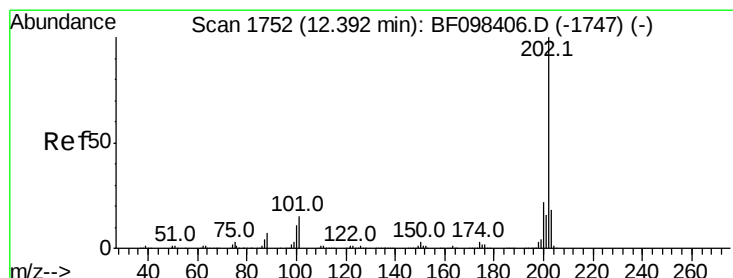
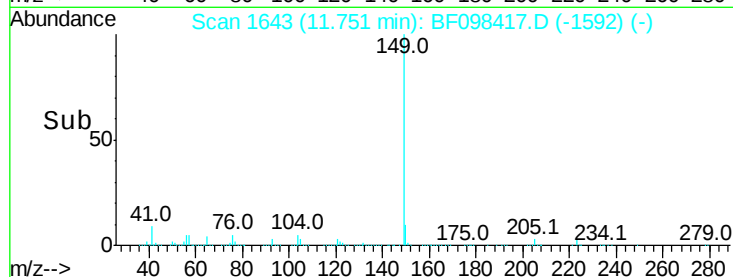
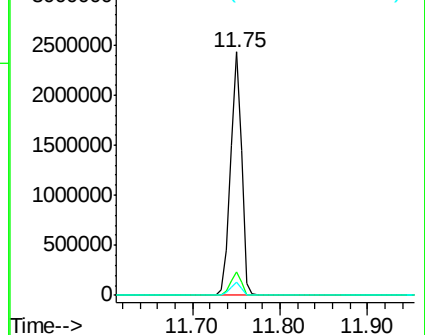
9/12/2017 6:02:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.471 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

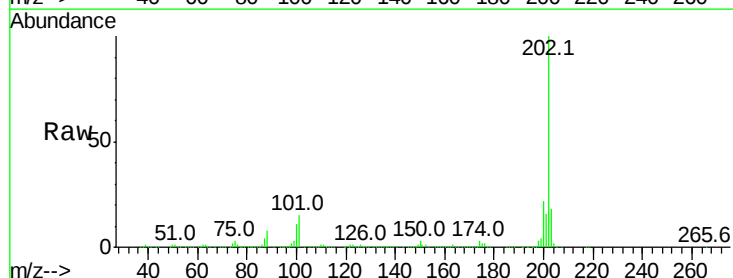
Tgt Ion:202 Resp: 1745870

Ion Ratio Lower Upper

202 100

101 15.2 0.0 33.2

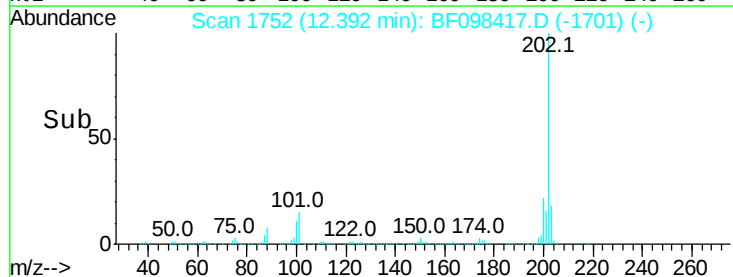
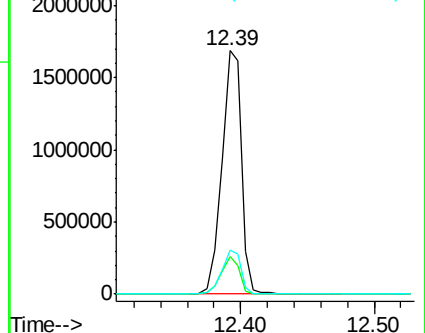
203 18.0 0.0 38.1

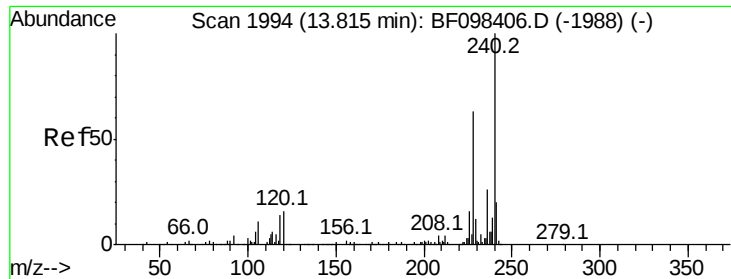


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





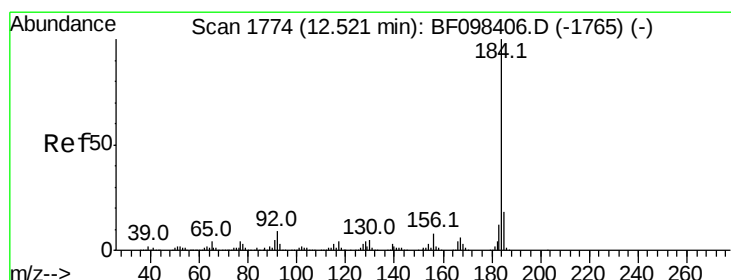
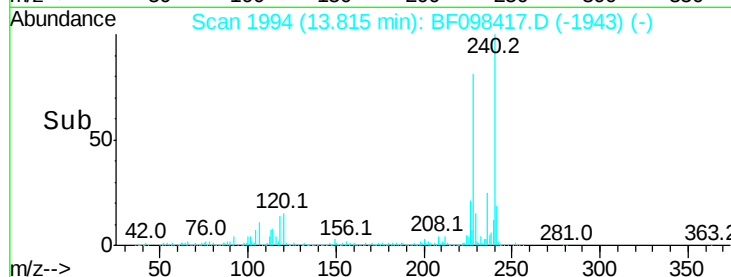
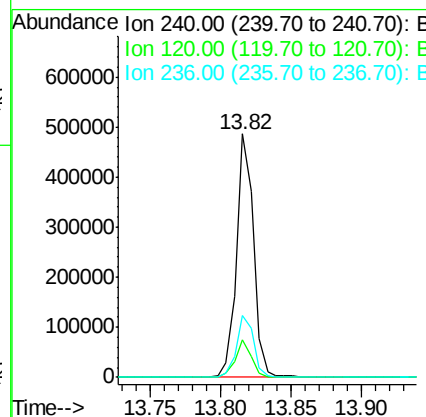
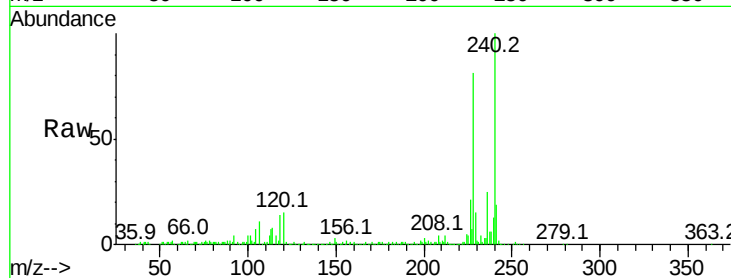
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.4	20.5	30.7

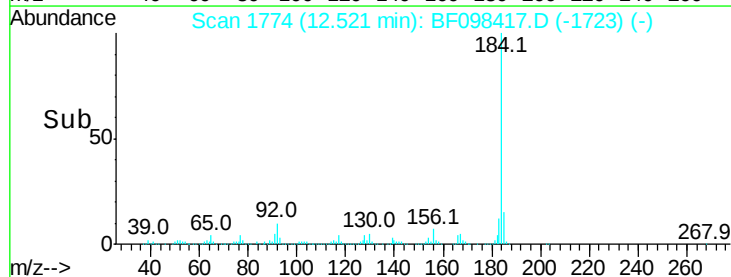
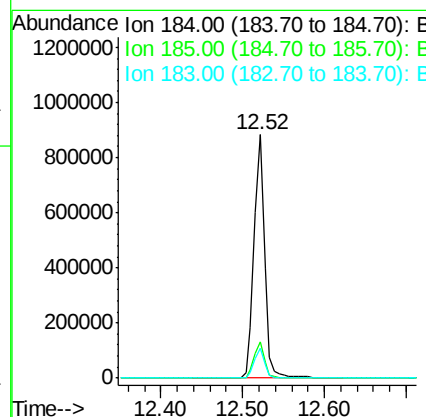
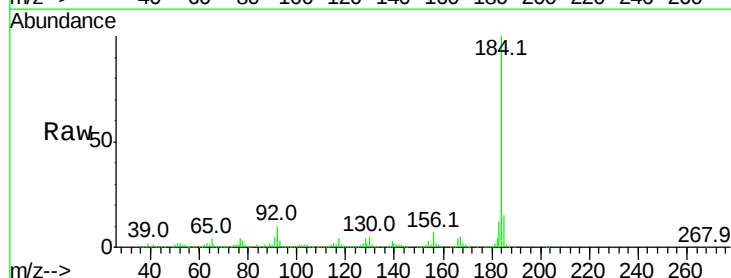
Manual Integrations
APPROVED

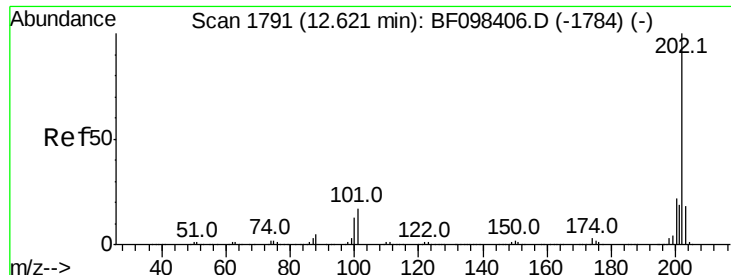
Sohil
9/12/2017 6:02:11 PM



#76
Benzidine
Concen: 44.084 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	15.5	23.3#
183	12.2	9.8	14.6





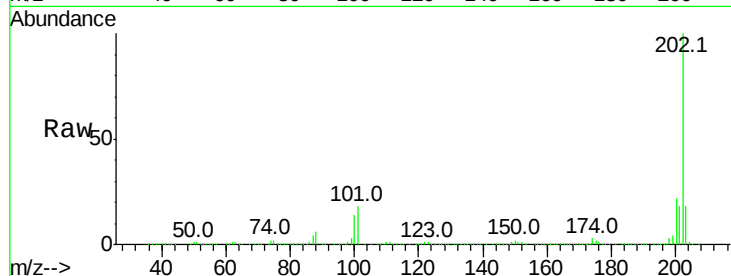
#77
Pvrene
Concen: 53.818 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.2	14.4	21.6

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM

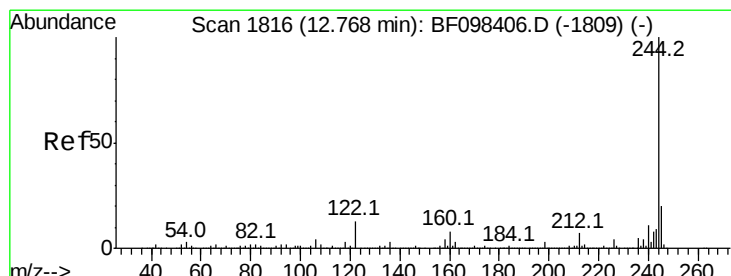
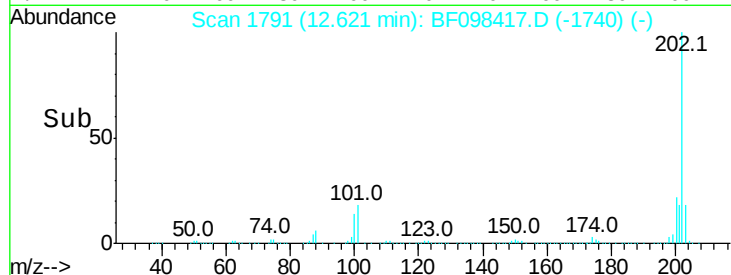
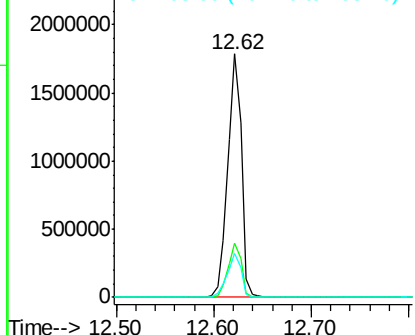


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 90.478 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

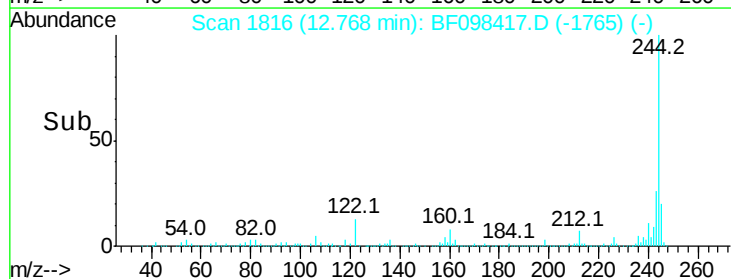
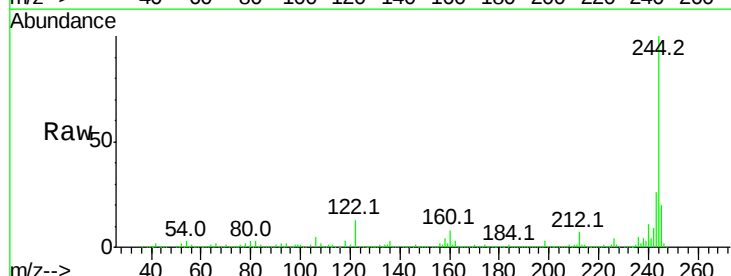
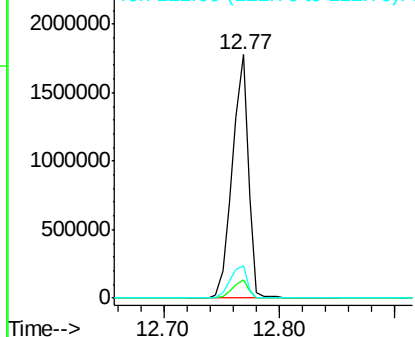
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.4	10.3	15.5

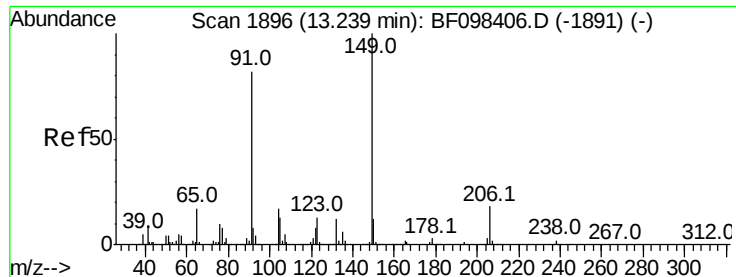
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





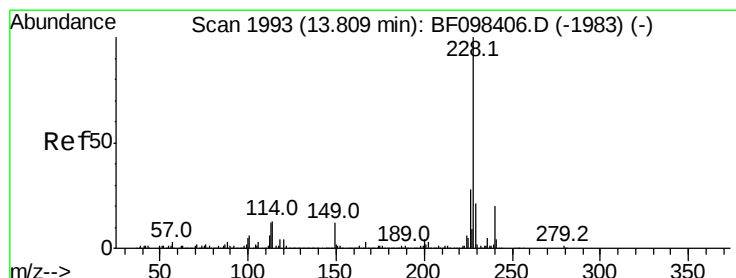
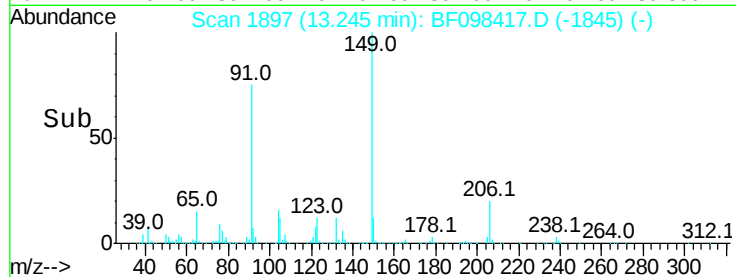
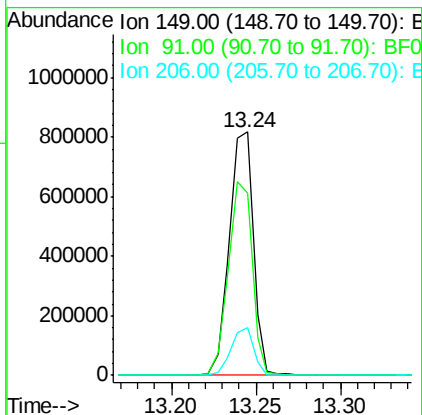
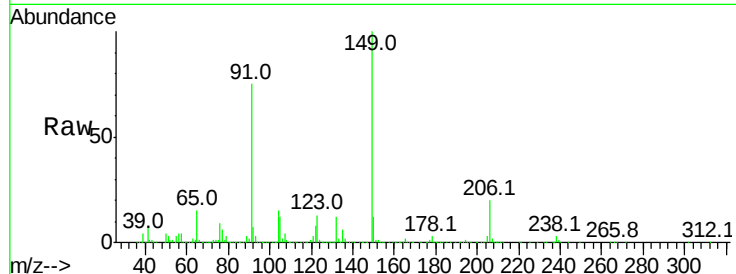
#79
Butylbenzylphthalate
Concen: 57.563 ng
RT: 13.24 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	805872		
91	75.1	45.0	67.4#	
206	19.8	17.0	25.6	

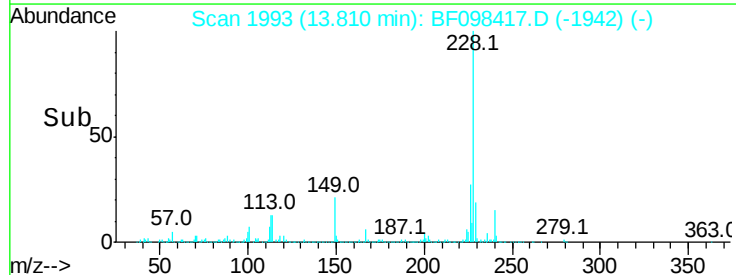
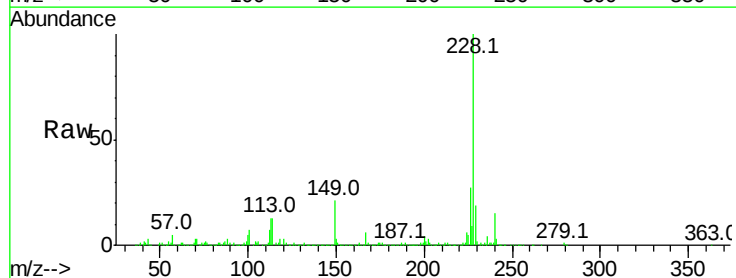
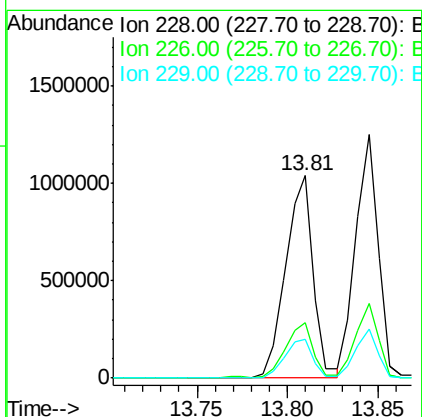
Manual Integrations
APPROVED

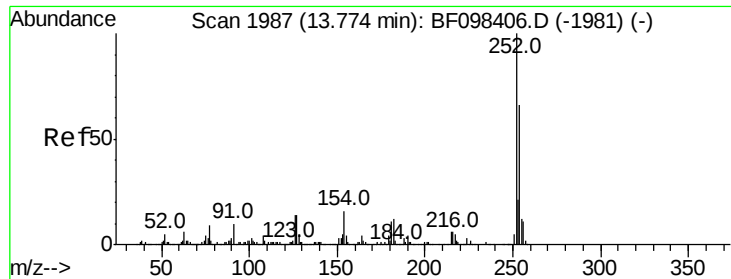
Sohil
9/12/2017 6:02:11 PM



#80
Benzo(a)anthracene
Concen: 45.906 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1100977		
226	27.3	22.6	33.8	
229	19.3	16.3	24.5	





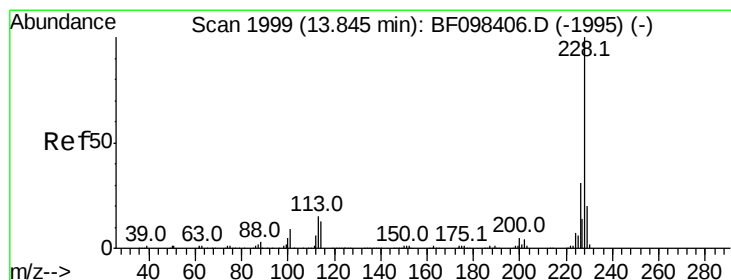
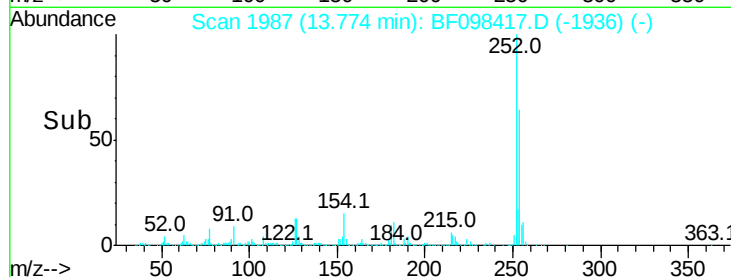
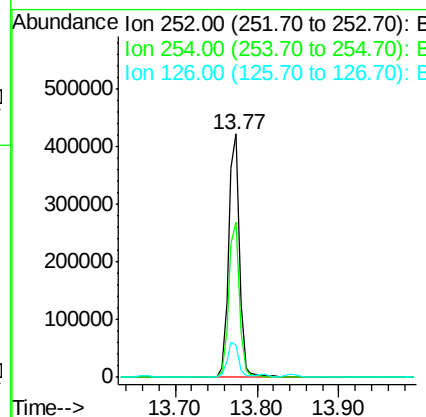
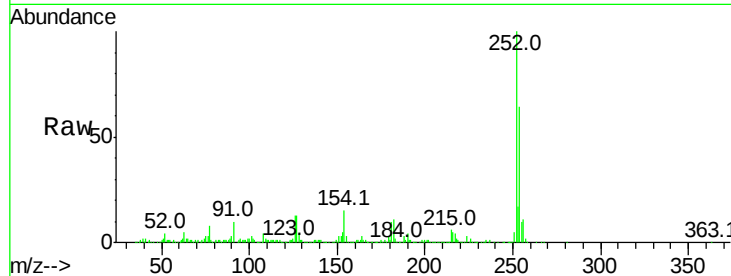
#81
 3,3'-Dichlorobenzidine
 Concen: 42.111 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	392501		
254	64.0	51.5	77.3	
126	13.4	15.8	23.8	

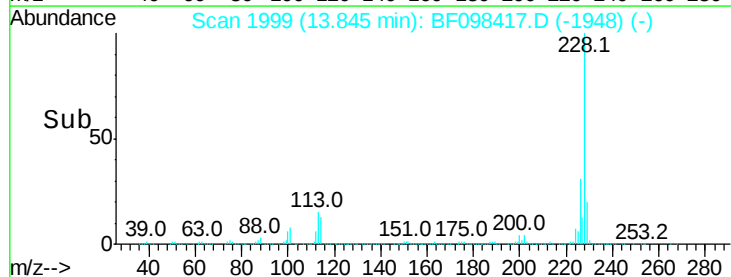
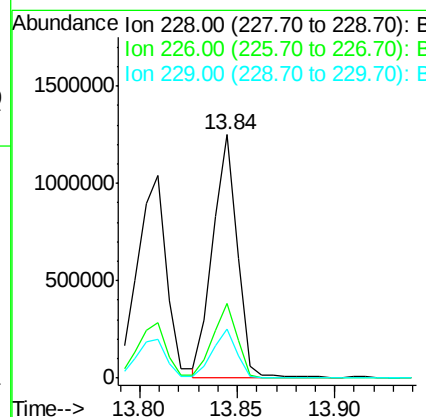
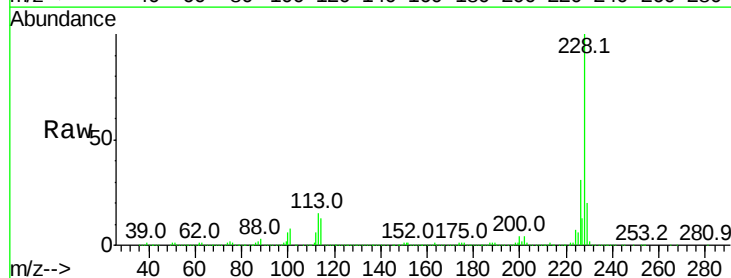
Manual Integrations
 APPROVED

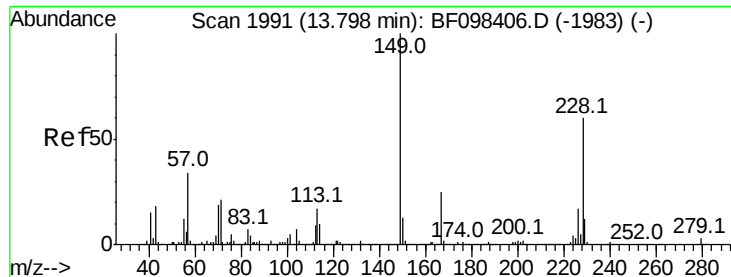
Sohil
 9/12/2017 6:02:11 PM



#82
 Chrysene
 Concen: 44.846 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1087212		
226	30.9	24.9	37.3	
229	19.9	15.8	23.6	





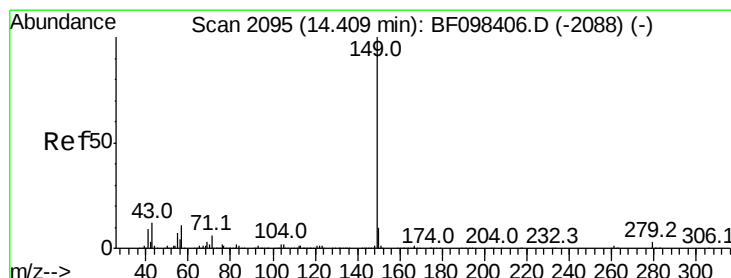
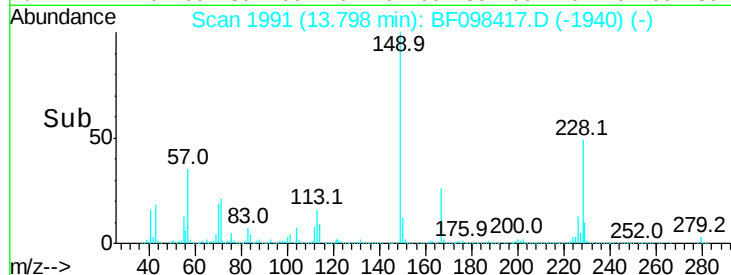
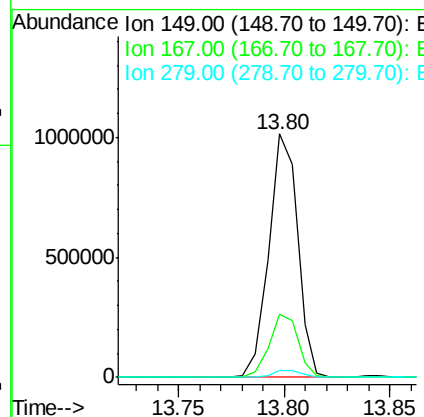
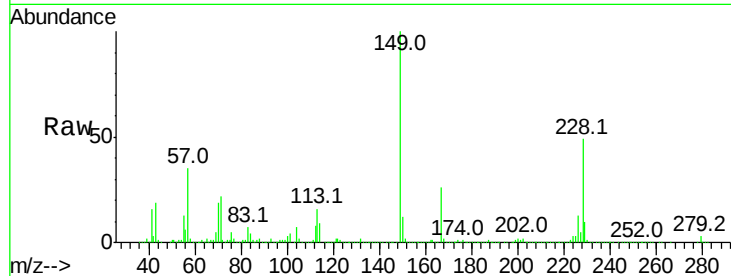
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.894 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	964505		
167	25.8		21.0	31.4
279	2.6		1.9	2.9

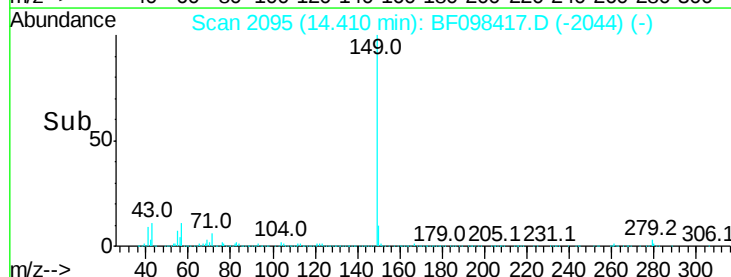
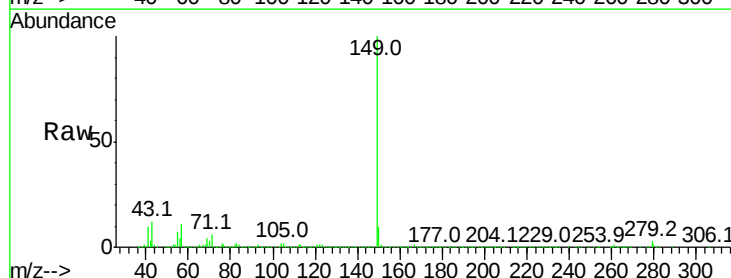
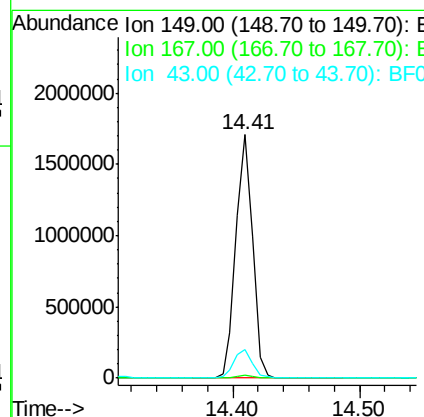
Manual Integrations
 APPROVED

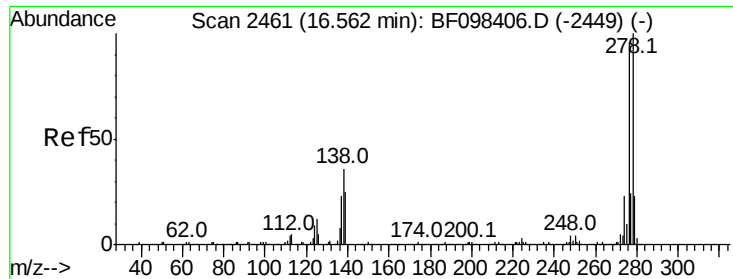
Sohil
 9/12/2017 6:02:11 PM



#84
 Di-n-octyl phthalate
 Concen: 51.287 ng
 RT: 14.41 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1546078		
167	1.4		1.2	1.8
43	12.0		8.5	12.7





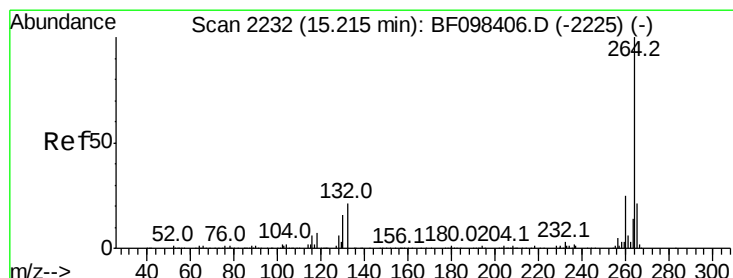
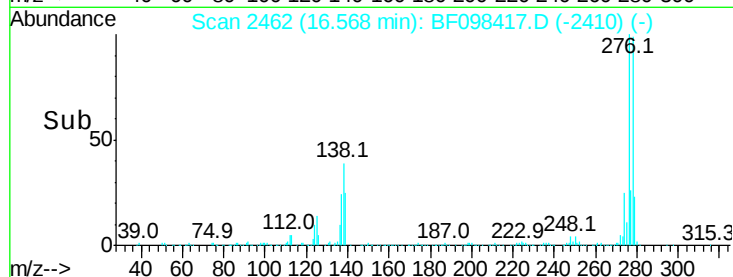
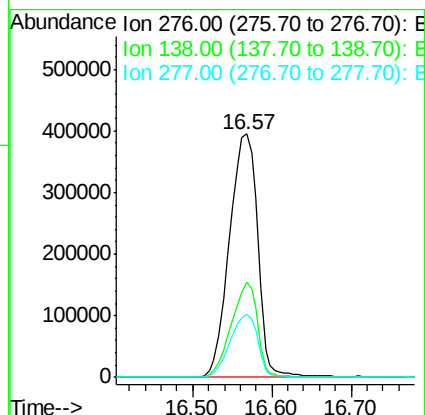
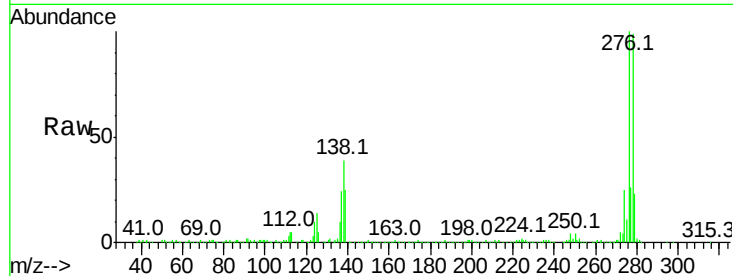
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.396 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.4	27.8	41.6
277	25.4	20.2	30.4

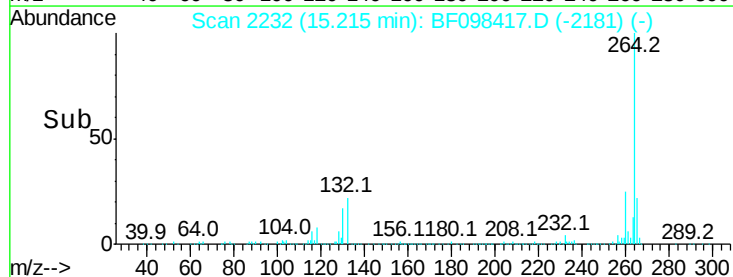
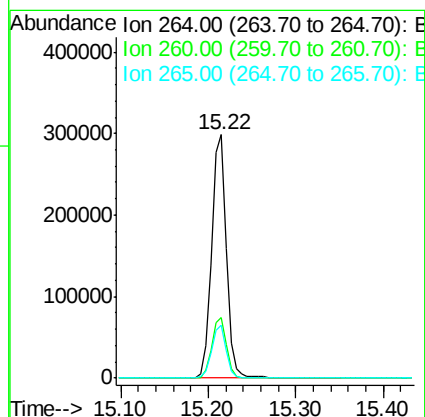
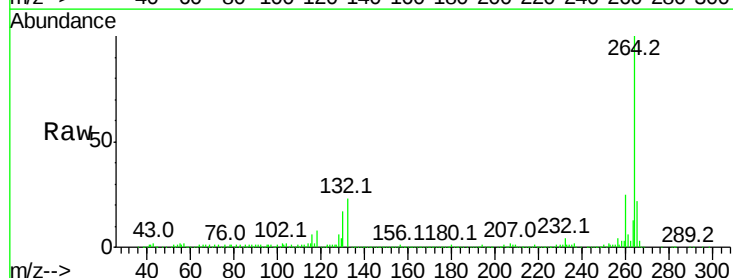
Manual Integrations
APPROVED

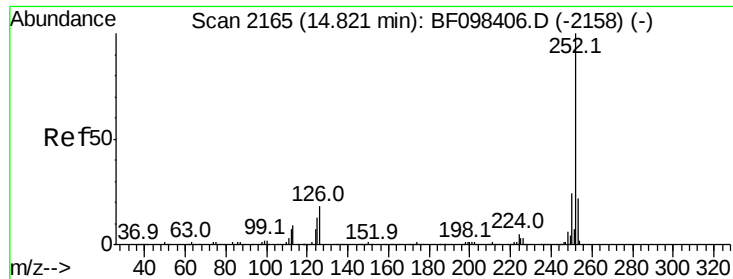
Sohil
9/12/2017 6:02:11 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.380 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

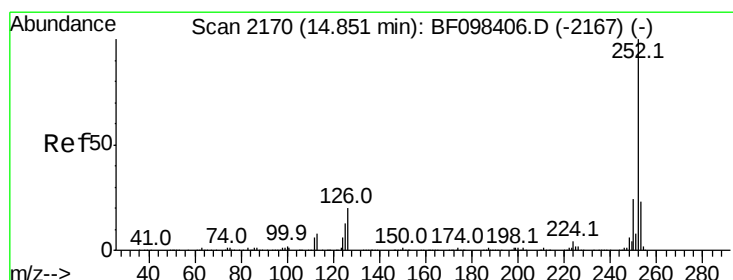
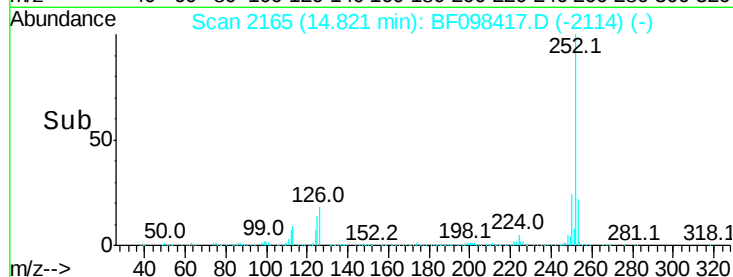
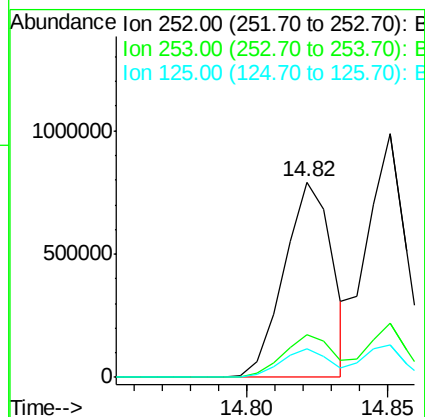
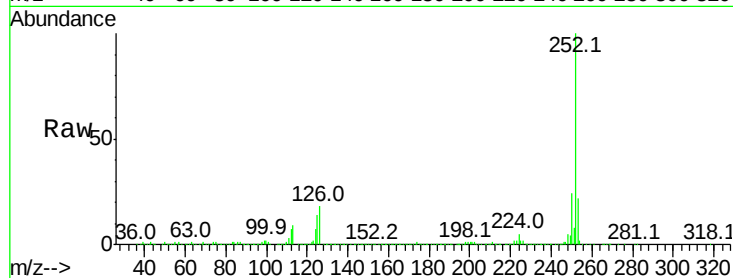
ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.4	9.8	14.8

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:11 PM



#88

Benzo(k)fluoranthene

Concen: 44.970 ng

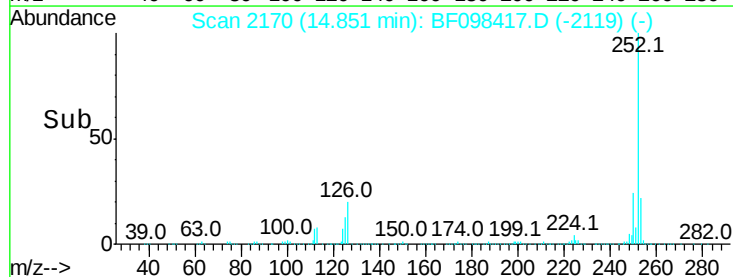
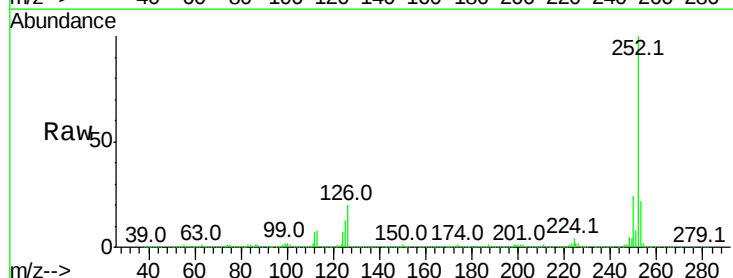
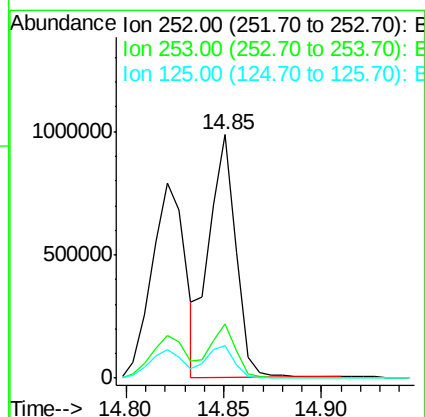
RT: 14.85 min Scan# 2170

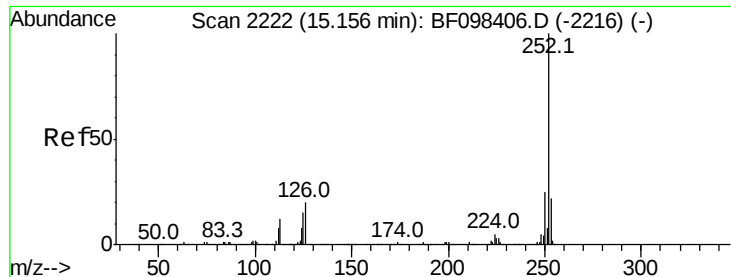
Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.4	13.1	19.7





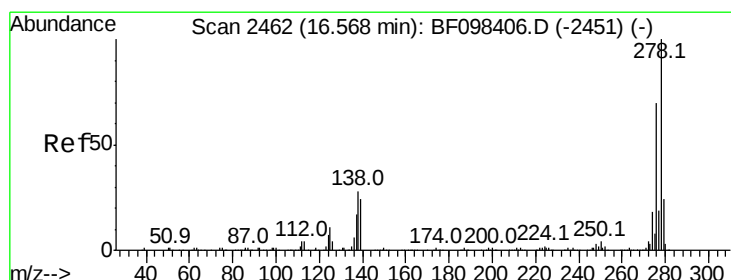
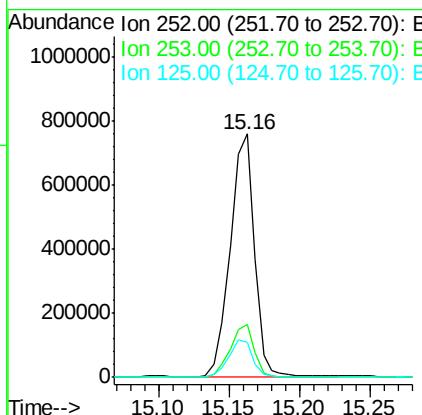
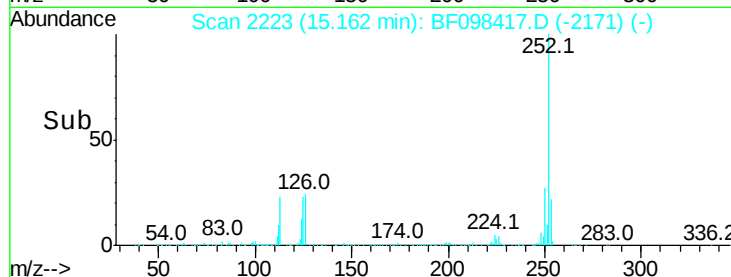
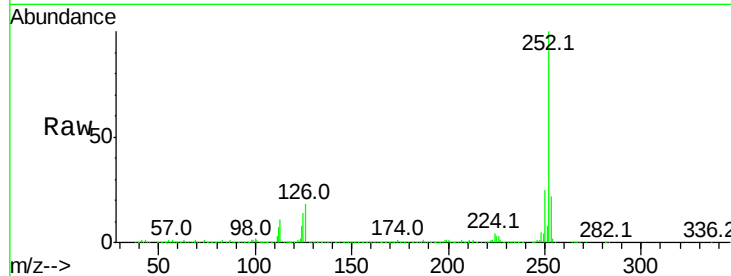
#89
Benzo(a)pyrene
Concen: 46.100 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.4	11.0	16.4

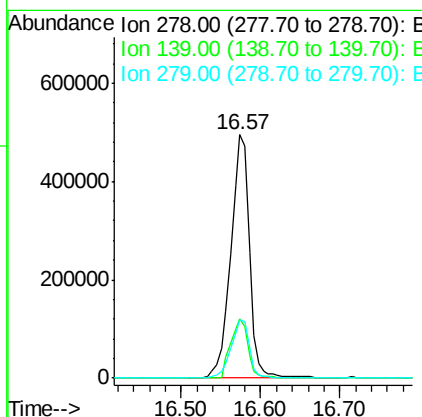
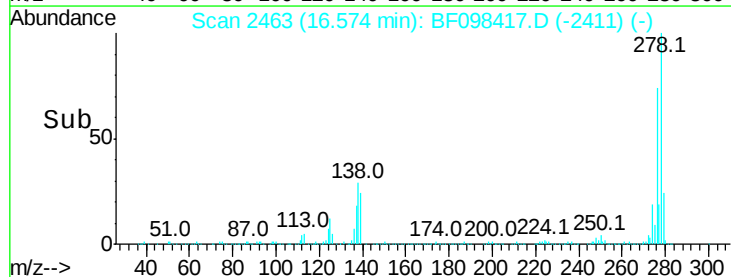
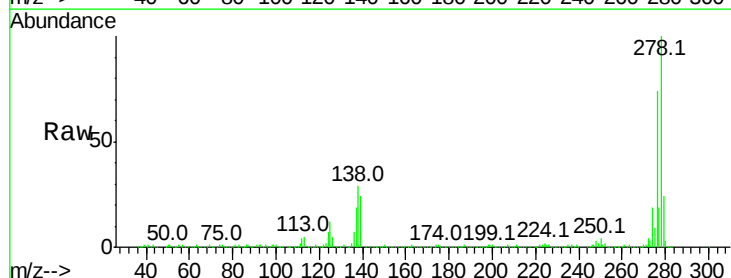
Manual Integrations
APPROVED

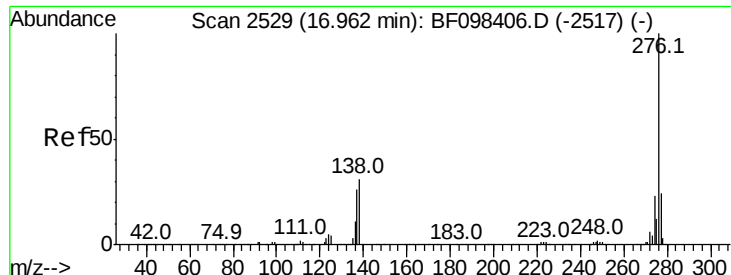
Sohil
9/12/2017 6:02:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.371 ng
RT: 16.57 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.4	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 57.505 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion:	276	Resp:	831331
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	31.6	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:11 PM

