

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098416.D
 Acq On : 11 Sep 2017 21:49
 Operator : SJ/JU
 Sample : I5138-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:08 PM

Quant Time: Sep 12 02:39:16 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	245097	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1037614	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	460463	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	809116	20.00	ng	0.00
75) Chrysene-d12	13.82	240	446228	20.00	ng	0.00
86) Perylene-d12	15.22	264	379664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2343890	141.39	ng	0.02
7) Phenol-d6	6.33	99	2932092	139.31	ng	0.01
23) Nitrobenzene-d5	7.25	82	1918994	103.10	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	493122	160.46	ng	0.01
44) 2-Fluorobiphenyl	9.03	172	2438290	89.75	ng	0.00
78) Terphenyl-d14	12.77	244	1817732	87.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	347783	40.648	ng	88
3) Pyridine	3.07	79	998034	43.924	ng	# 82
4) n-Nitrosodimethylamine	3.04	42	562196	50.468	ng	92
6) Aniline	6.35	93	870247	32.958	ng	# 1
8) 2-Chlorophenol	6.46	128	858667	47.106	ng	93
9) Benzaldehyde	6.22	77	665449	48.365	ng	94
10) Phenol	6.35	94	1170085	47.862	ng	84
11) bis(2-Chloroethyl)ether	6.42	93	905996	49.153	ng	96
12) 1,3-Dichlorobenzene	6.61	146	863317	47.054	ng	95
13) 1,4-Dichlorobenzene	6.69	146	866552	46.109	ng	# 93
14) 1,2-Dichlorobenzene	6.84	146	773695	45.187	ng	99
15) Benzyl Alcohol	6.83	79	700218	49.988	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1409232	46.467	ng	76
17) 2-Methylphenol	6.95	107	749966	50.455	ng	# 87
18) Hexachloroethane	7.18	117	340606	47.324	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	630598	47.631	ng	99
20) 3+4-Methylphenols	7.10	107	928493	49.499	ng	# 68
22) Acetophenone	7.09	105	1271388	47.408	ng	# 94
24) Nitrobenzene	7.26	77	1009922	47.637	ng	98
25) Isophorone	7.50	82	1888504	50.150	ng	99
26) 2-Nitrophenol	7.57	139	488388	57.056	ng	# 78
27) 2,4-Dimethylphenol	7.63	122	799197	48.978	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	1170414	50.937	ng	100
29) 2,4-Dichlorophenol	7.83	162	698050	51.437	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	728194	49.327	ng	99
31) Naphthalene	7.97	128	2441796	47.603	ng	99
32) Benzoic acid	7.75	122	105598	16.015	ng	99
33) 4-Chloroaniline	8.03	127	586009	28.110	ng	99
34) Hexachlorobutadiene	8.09	225	360364	47.550	ng	97
35) Caprolactam	8.43	113	233581m	49.913	ng	
36) 4-Chloro-3-methylphenol	8.53	107	833106	49.500	ng	# 84
37) 2-Methylnaphthalene	8.67	142	1574881	50.686	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	639018	44.552	ng	98
40) Hexachlorocyclopentadiene	8.82	237	467918	107.541	ng	100

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Manual Integrations
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Quant Time: Sep 12 02:39:16 2017
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 QLast Update : Mon Sep 11 19:42:20 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	434825	51.612	nq	91
43) 2,4,5-Trichlorophenol	9.00	196	455570	51.735	nq	96
45) 1,1'-Biphenyl	9.13	154	1851008	44.912	nq	97
46) 2-Chloronaphthalene	9.16	162	1415826	48.102	nq	# 92
47) 2-Nitroaniline	9.26	65	587972	52.045	nq	94
48) Acenaphthylene	9.57	152	2040342	46.621	nq	99
49) Dimethylphthalate	9.45	163	2193470	61.539	nq	100
50) 2,6-Dinitrotoluene	9.51	165	385625	52.669	nq	# 79
51) Acenaphthene	9.74	154	1313503	47.215	nq	99
52) 3-Nitroaniline	9.67	138	270446	30.600	nq	99
53) 2,4-Dinitrophenol	9.79	184	202130	60.705	nq	# 73
54) Dibenzofuran	9.92	168	1769748	48.289	nq	99
55) 4-Nitrophenol	9.86	139	505506	99.553	nq	# 44
56) 2,4-Dinitrotoluene	9.92	165	441043	49.549	nq	# 58
57) Fluorene	10.26	166	1364930	44.996	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	338200	57.148	nq	99
59) Diethylphthalate	10.14	149	1625620	47.956	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	653281	46.626	nq	91
61) 4-Nitroaniline	10.30	138	427429	47.888	nq	86
62) Azobenzene	10.41	77	1773913	48.554	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	228815	46.302	nq	# 76
65) n-Nitrosodiphenylamine	10.37	169	1324891	50.429	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	400649	52.173	nq	99
67) Hexachlorobenzene	10.80	284	378471	48.588	nq	# 92
68) Atrazine	10.90	200	402425	49.755	nq	98
69) Pentachlorophenol	11.00	266	349731	99.570	nq	97
70) Phenanthrene	11.22	178	2078282	48.452	nq	99
71) Anthracene	11.26	178	2144678	48.700	nq	99
72) Carbazole	11.43	167	1939414	47.254	nq	99
73) Di-n-butylphthalate	11.75	149	2378506	48.368	nq	99
74) Fluoranthene	12.40	202	1990520	46.356	nq	99
76) Benzidine	12.52	184	843445	42.709	nq	# 93
77) Pyrene	12.62	202	2013091	57.188	nq	100
79) Butylbenzylphthalate	13.24	149	899953	58.931	nq	# 78
80) Benzo(a)anthracene	13.81	228	1282633	49.027	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	323003	31.770	nq	# 97
82) Chrysene	13.84	228	1287170	48.674	nq	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	1037460	54.131	nq	# 100
84) Di-n-octyl phthalate	14.41	149	1700943	51.727	nq	97
85) Indeno(1,2,3-cd)pyrene	16.57	276	1117769	60.246	nq	98
87) Benzo(b)fluoranthene	14.83	252	1207033	50.562	nq	99
88) Benzo(k)fluoranthene	14.85	252	978587	43.910	nq	97
89) Benzo(a)pyrene	15.16	252	1047781	49.266	nq	98
90) Dibenzo(a,h)anthracene	16.58	278	927844	59.973	nq	97
91) Benzo(g,h,i)perylene	16.97	276	965108	62.022	nq	99

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

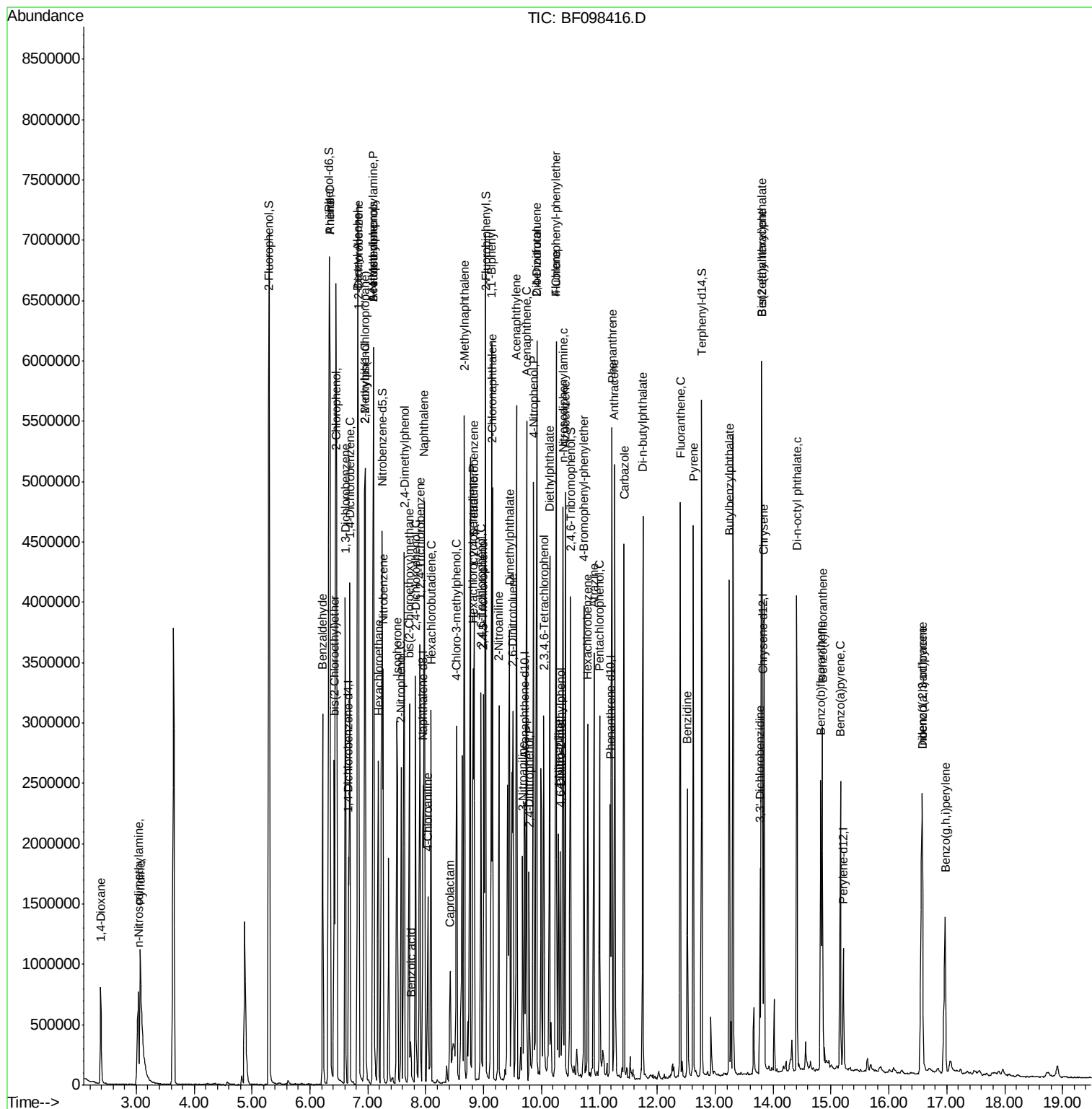
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
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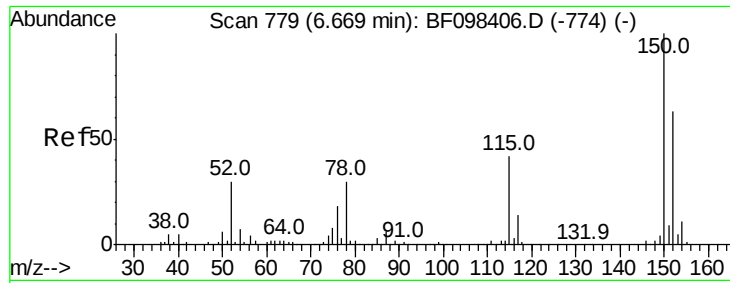
Instrument :
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ClientSampleId :
EME-UTS-TS001-01MS

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#1

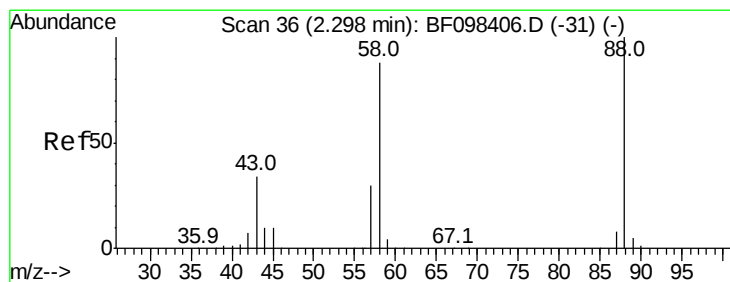
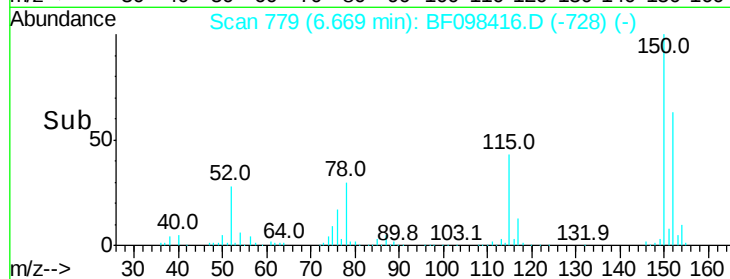
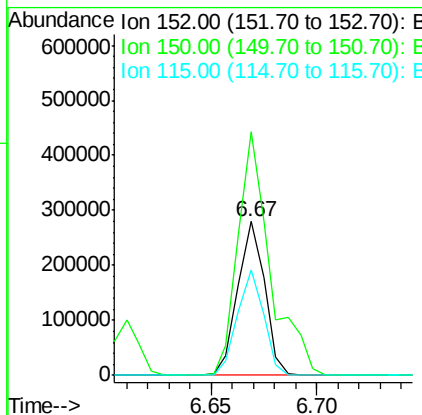
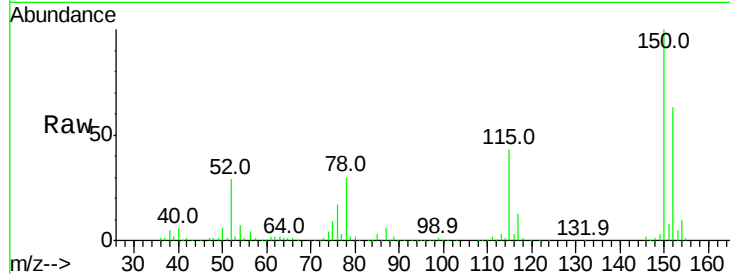
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	68.9	52.2	78.2

Manual Integrations
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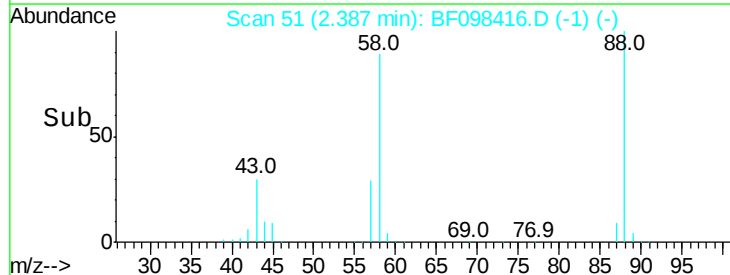
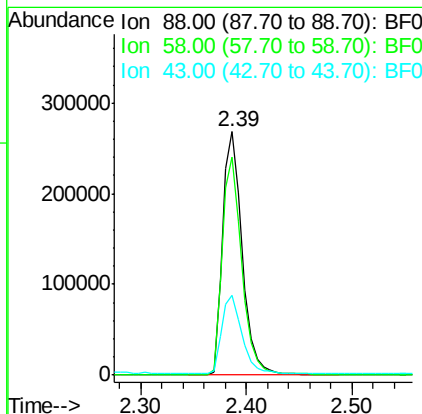
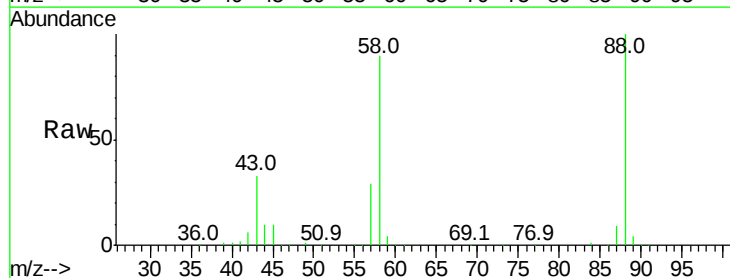
Sohil
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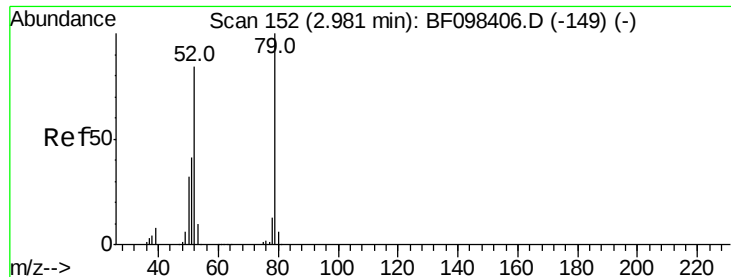


#2

1,4-Dioxane
Concen: 40.648 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.09 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	61.4	92.0
43	32.9	23.4	35.0





#3

Pvridine

Concen: 43.924 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.09 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

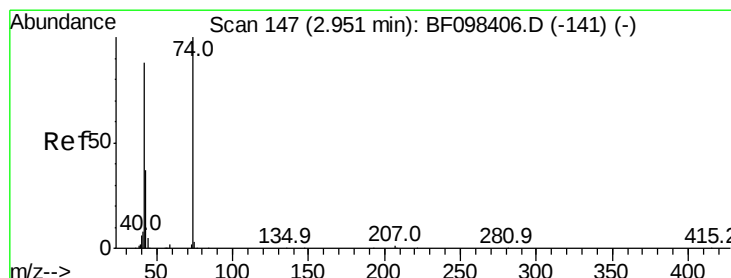
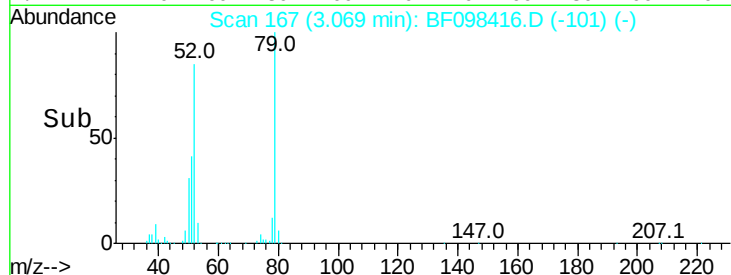
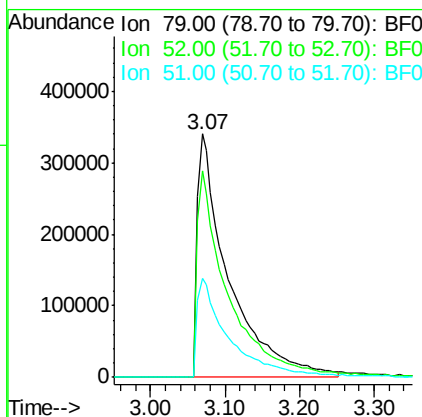
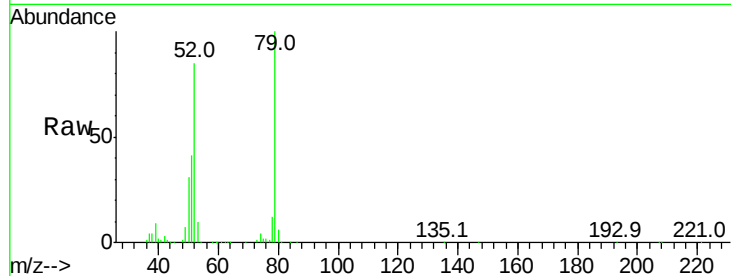
ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:	79	Resp:	998034
Ion Ratio	Lower	Upper	
79	100		
52	84.8	54.8	82.2#
51	40.9	27.0	40.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.468 ng

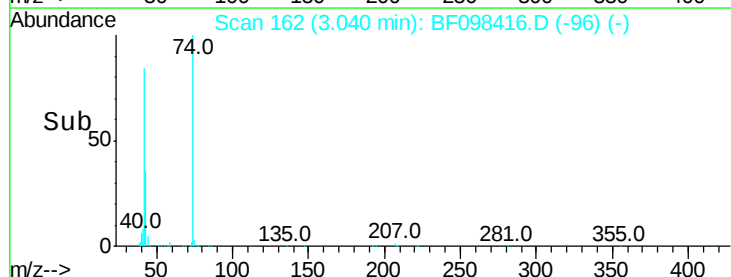
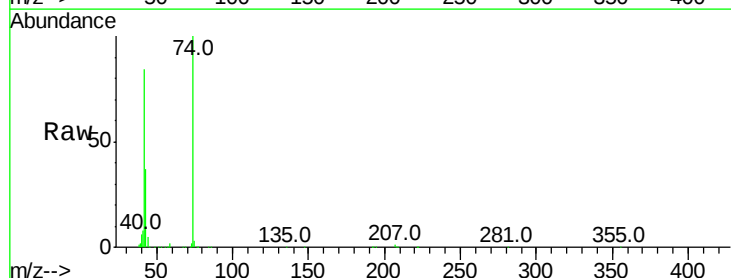
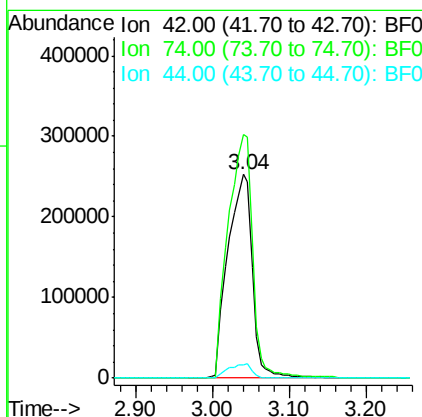
RT: 3.04 min Scan# 162

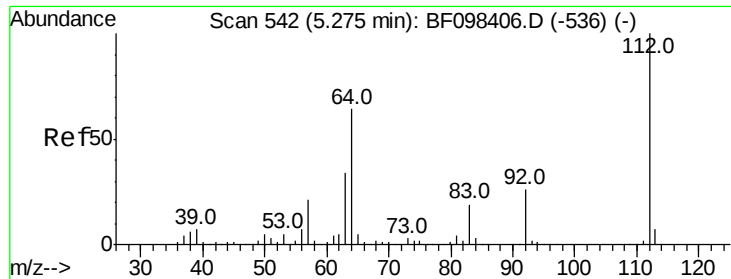
Delta R.T. 0.09 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Tgt Ion:	42	Resp:	562196
Ion Ratio	Lower	Upper	
42	100		
74	119.7	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 141.393 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:112 Resp: 2343890

Ion Ratio Lower Upper

112 100

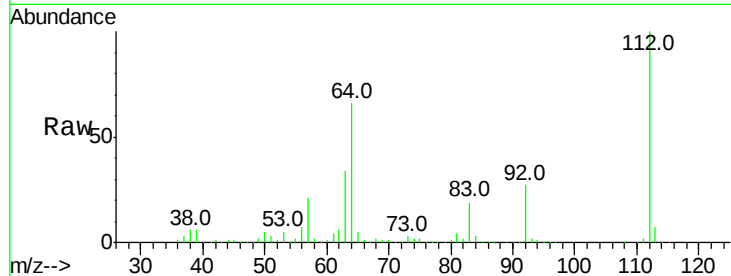
64 65.9 46.0 69.0

63 34.3 23.4 35.0

Manual Integrations
APPROVED

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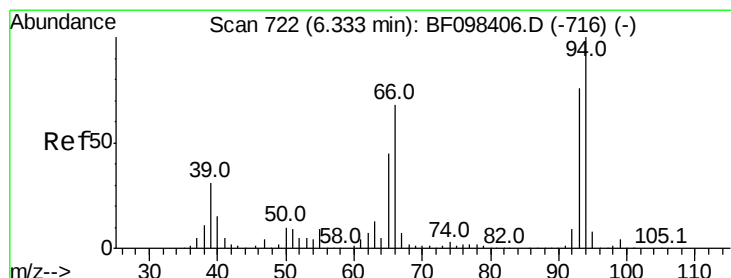
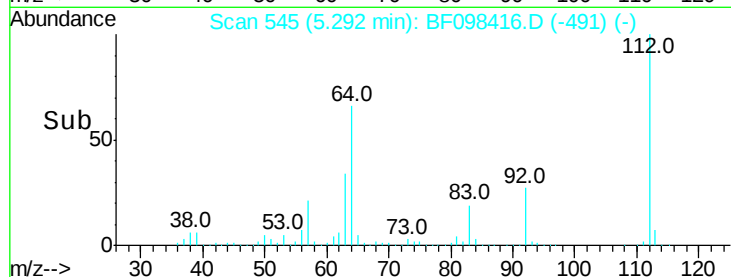
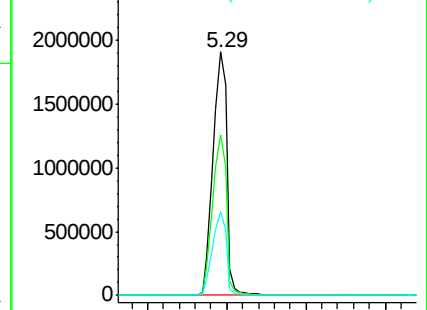
9/12/2017 6:02:08 PM



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



#6

Aniline

Concen: 32.958 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

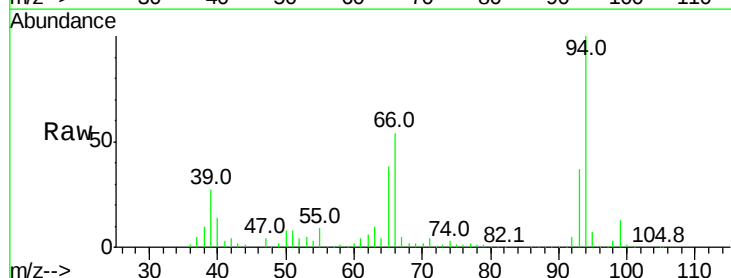
Tgt Ion: 93 Resp: 870247

Ion Ratio Lower Upper

93 100

66 146.6 32.9 49.3#

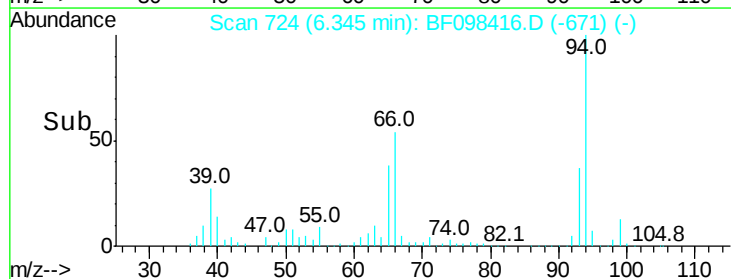
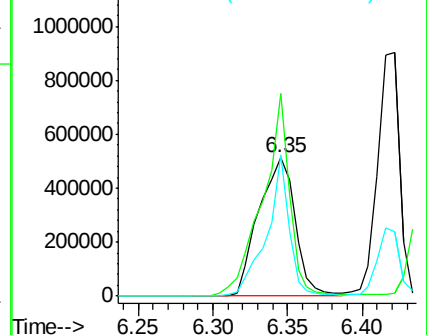
65 101.7 16.0 24.0#

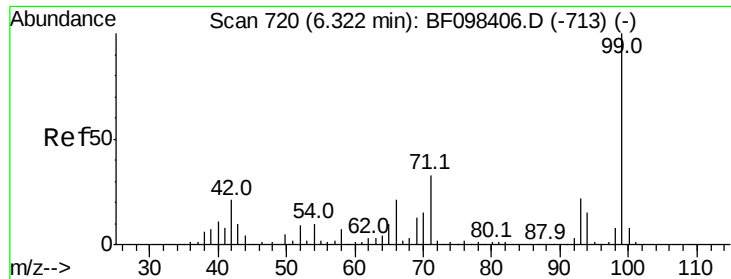


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.309 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion: 99 Resp: 2932092

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

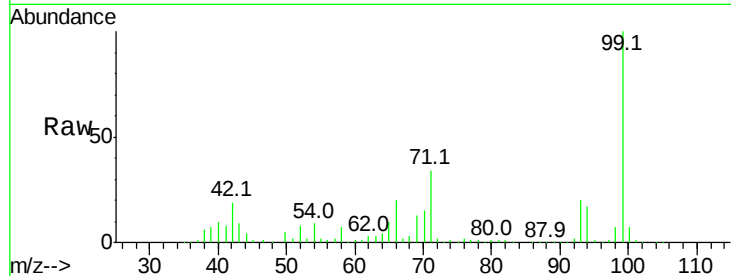
71 34.3 24.5 36.7

Manual Integrations

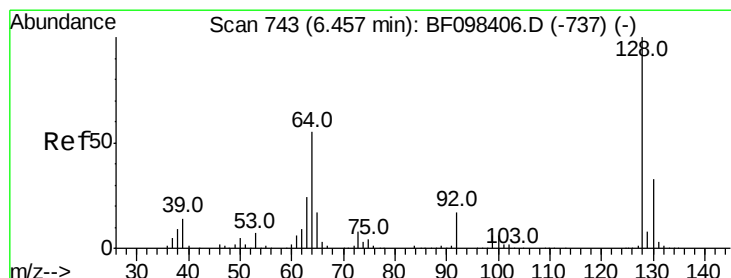
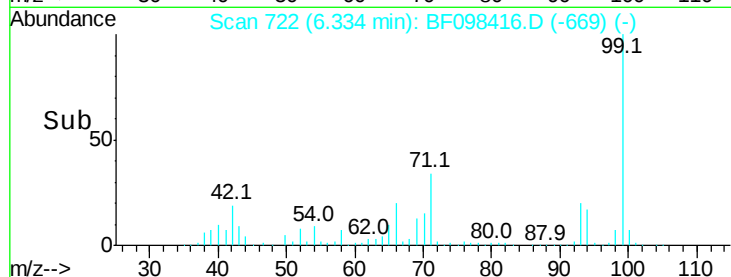
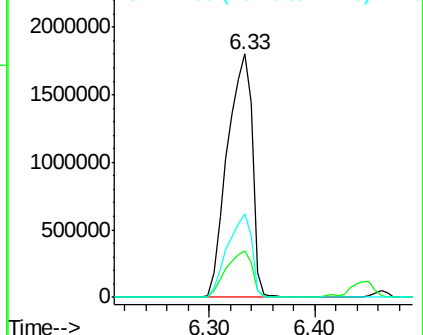
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.106 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

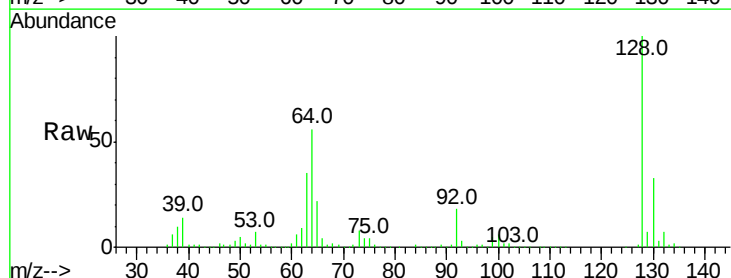
Tgt Ion:128 Resp: 858667

Ion Ratio Lower Upper

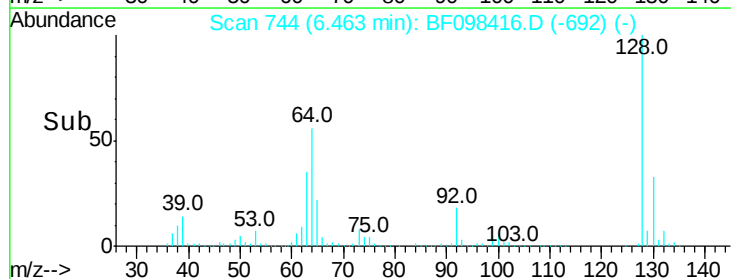
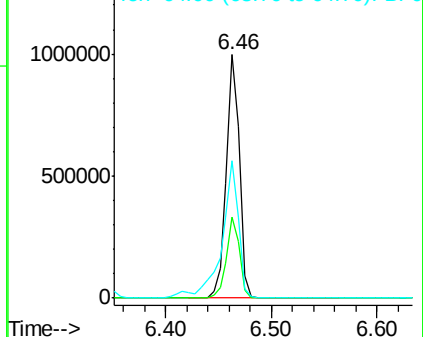
128 100

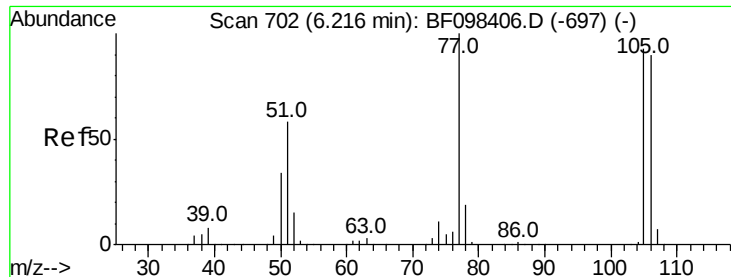
130 33.2 12.9 52.9

64 56.2 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: 48.365 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion: 77 Resp: 665449

Ion Ratio Lower Upper

77 100

105 97.4 83.8 123.8

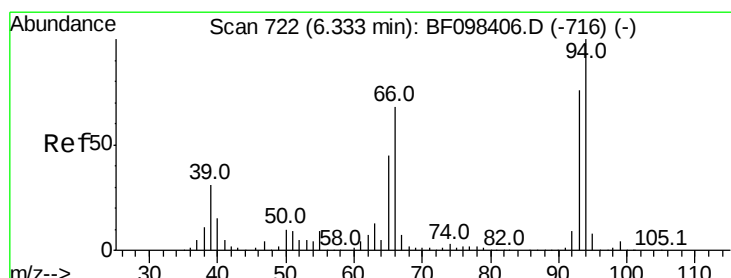
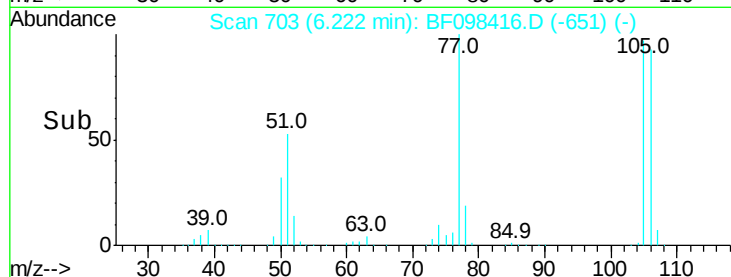
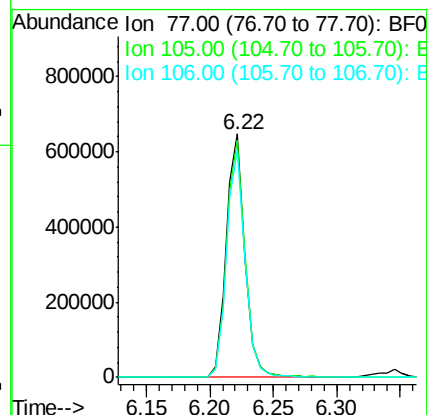
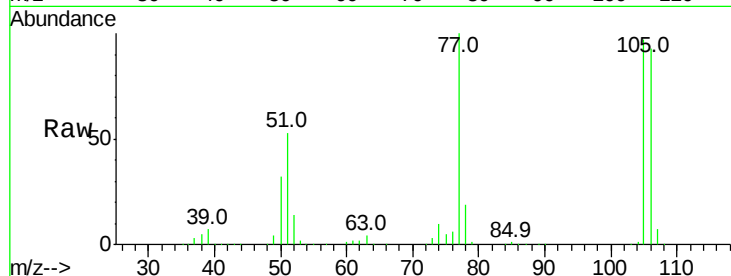
106 93.2 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 47.862 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

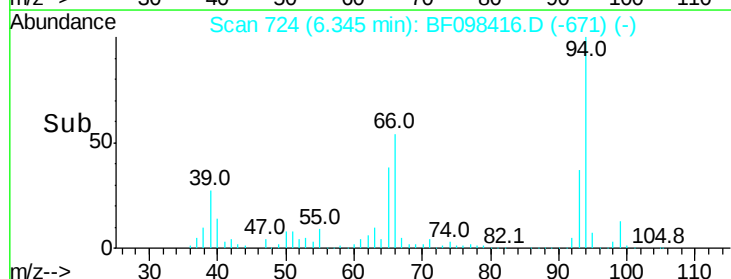
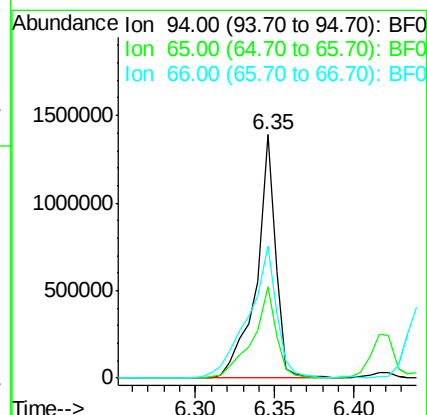
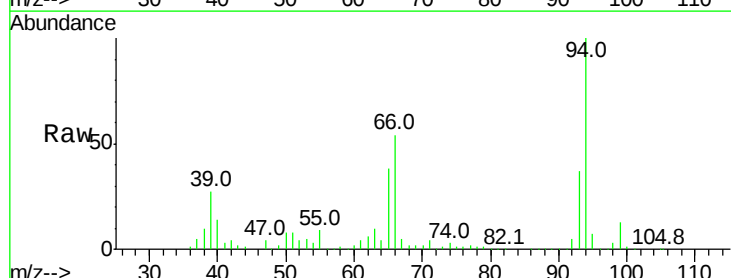
Tgt Ion: 94 Resp: 1170085

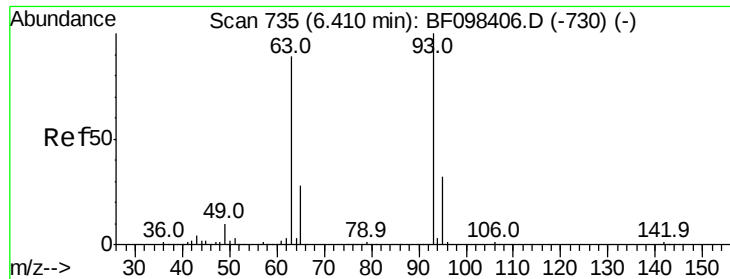
Ion Ratio Lower Upper

94 100

65 37.6 9.9 49.9

66 54.2 23.1 63.1





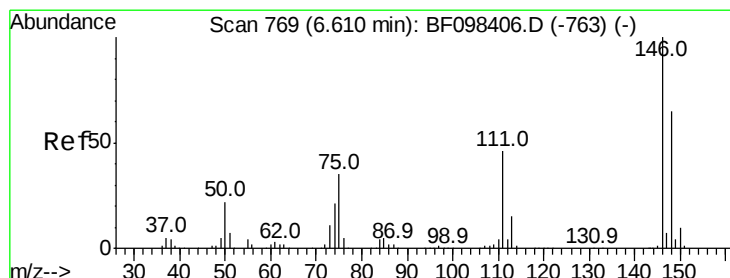
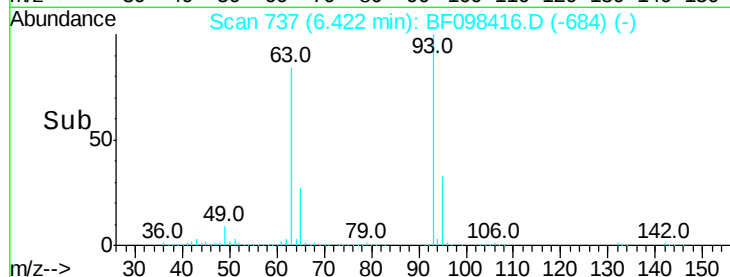
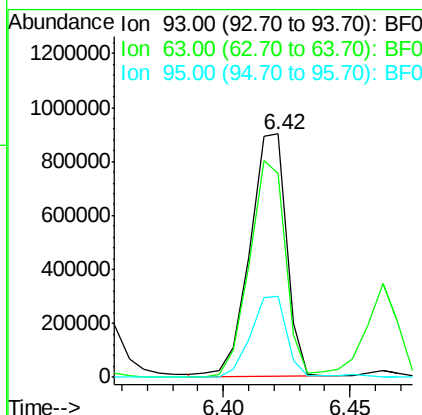
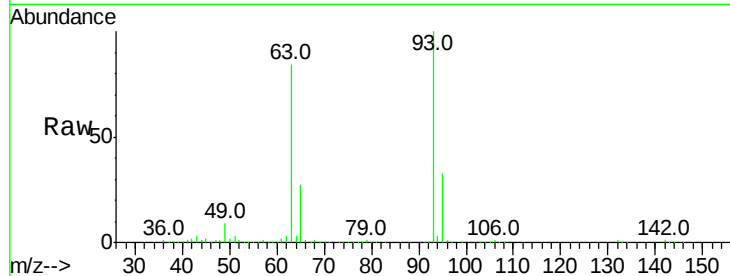
#11
bis(2-Chloroethyl)ether
Concen: 49.153 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	59.2	99.2
95	33.2	12.8	52.8

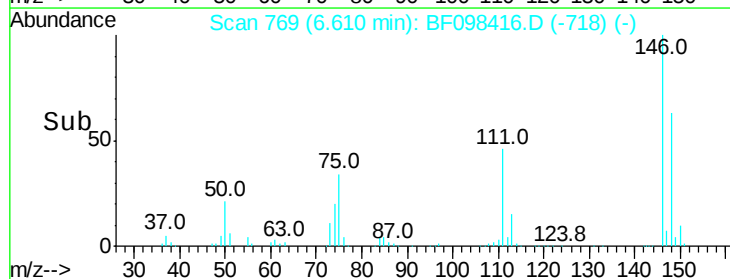
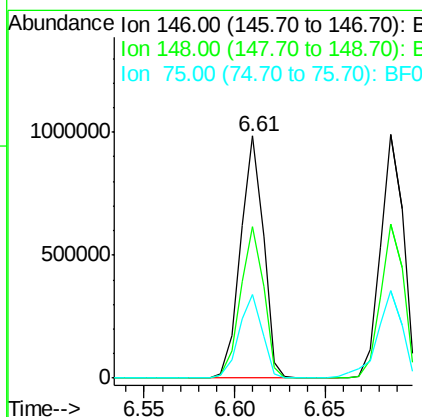
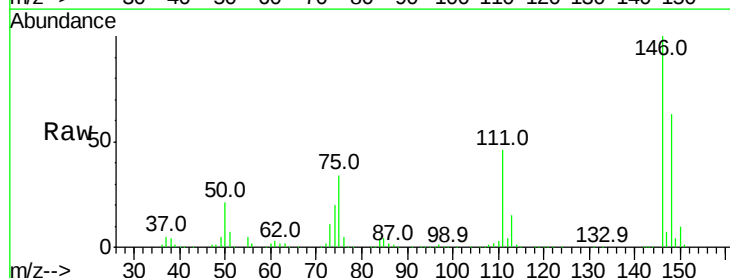
Manual Integrations
APPROVED

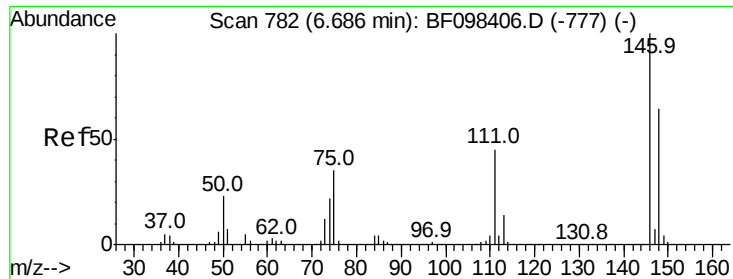
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#12
1,3-Dichlorobenzene
Concen: 47.054 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.6
75	34.4	23.1	34.7





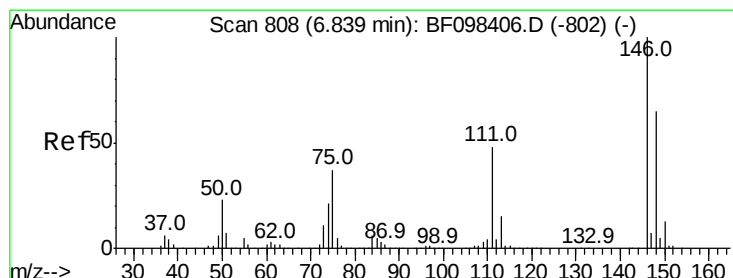
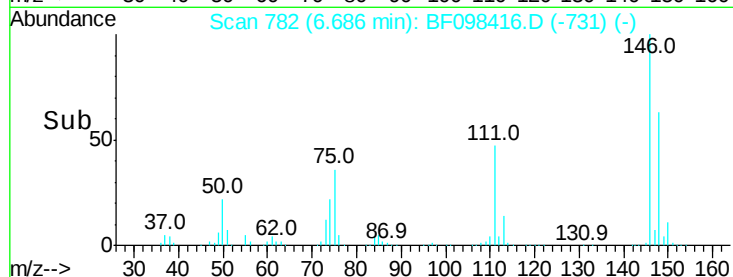
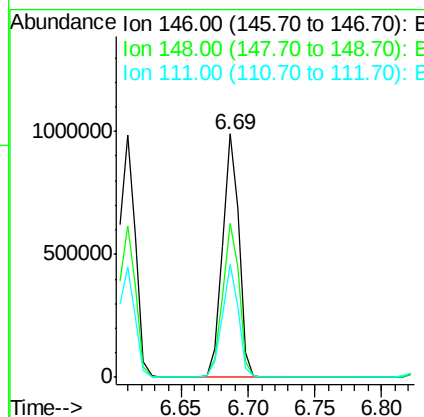
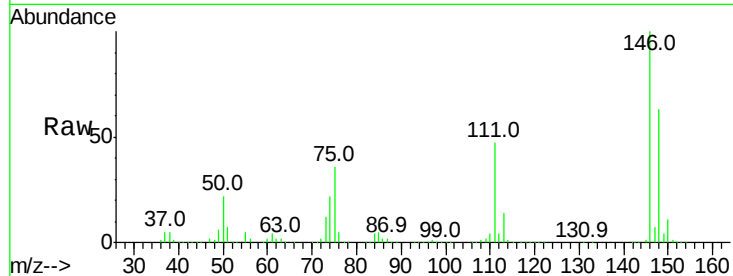
#13
 1,4-Dichlorobenzene
 Concen: 46.109 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	46.6	30.3	45.5#

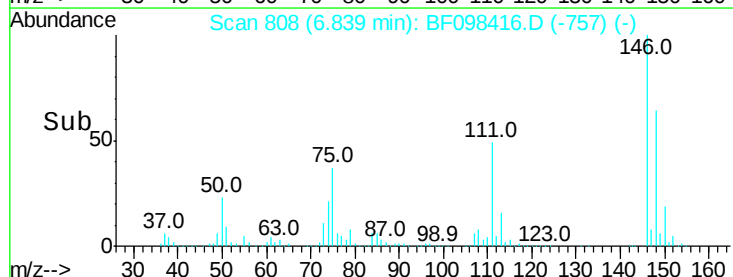
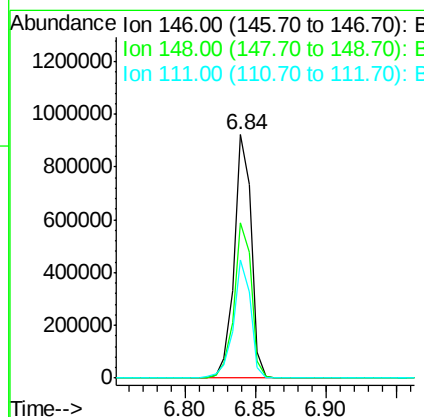
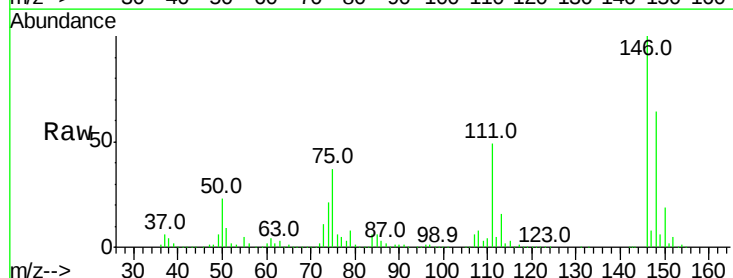
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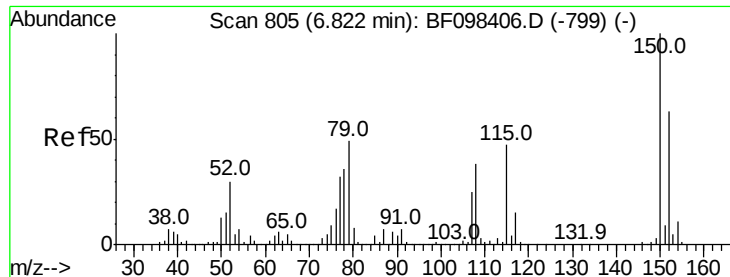
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#14
 1,2-Dichlorobenzene
 Concen: 45.187 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	48.6	38.2	57.4





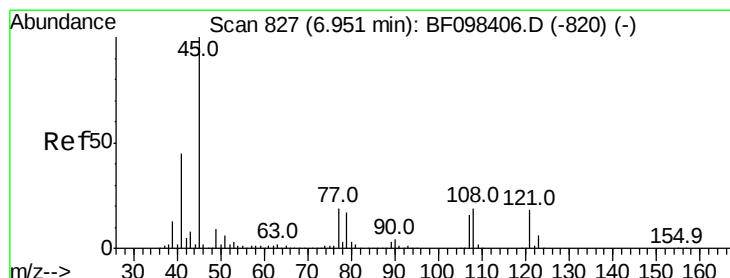
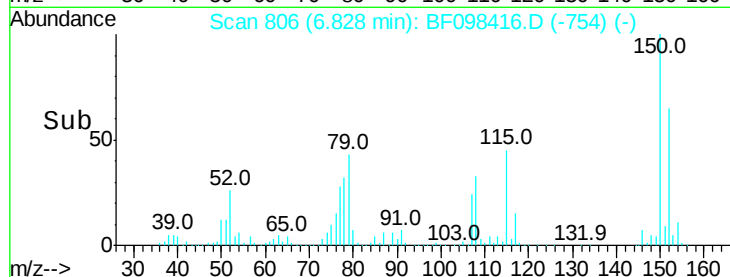
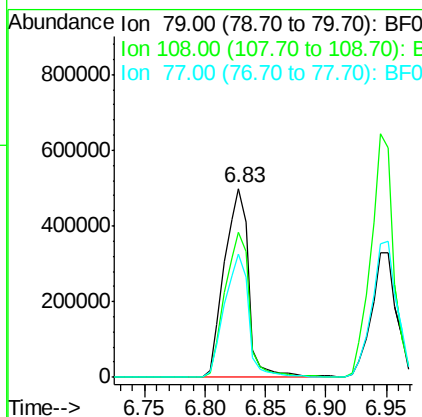
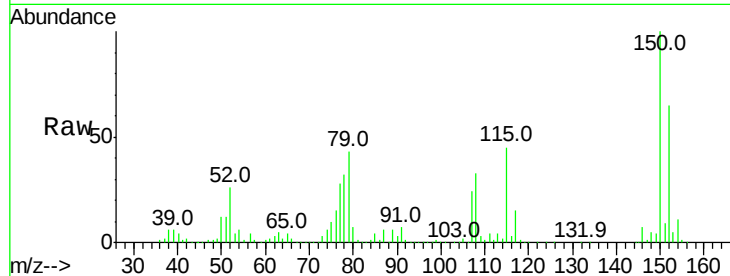
#15
Benzyl Alcohol
Concen: 49.988 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	63.4	95.0
77	65.3	49.2	73.8

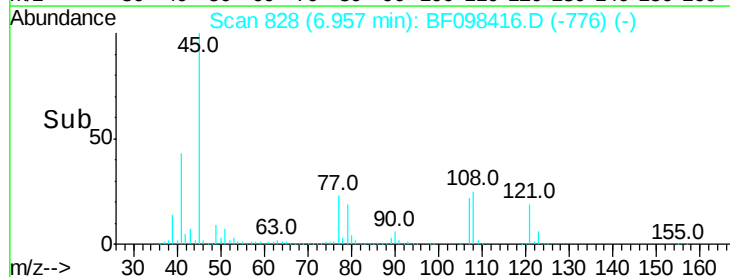
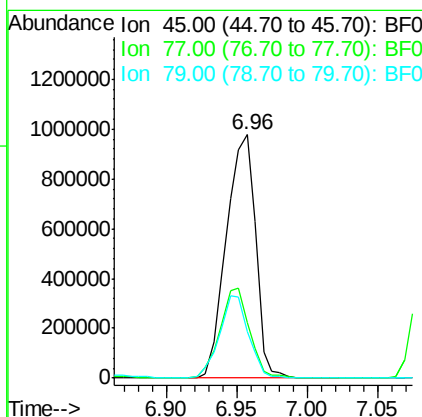
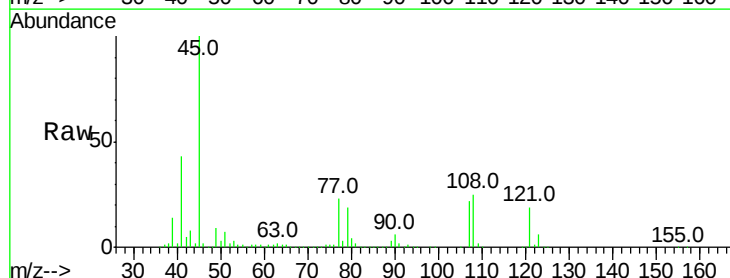
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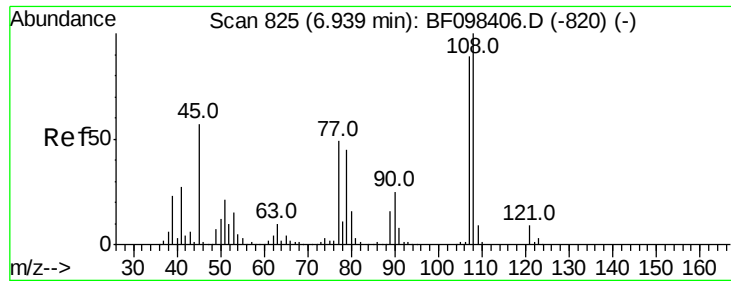
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.467 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.6	0.0	33.2
79	19.0	0.0	30.0





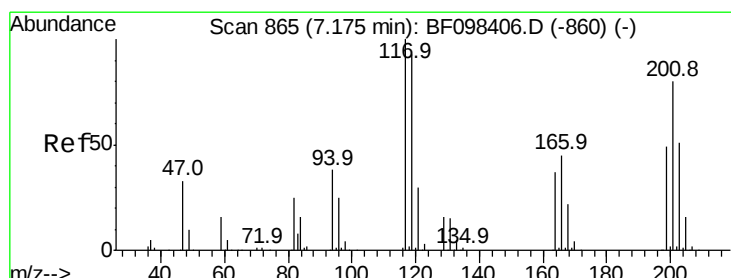
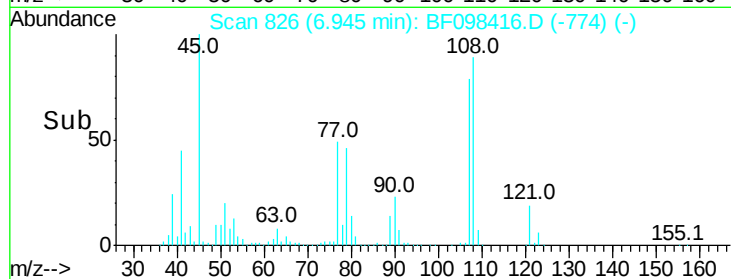
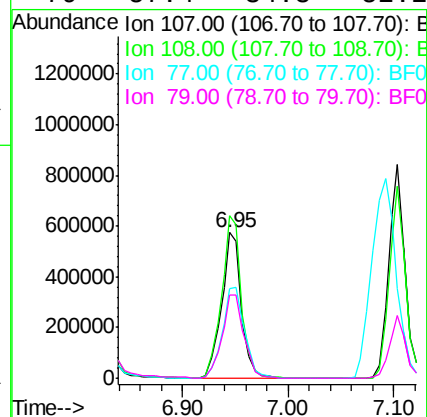
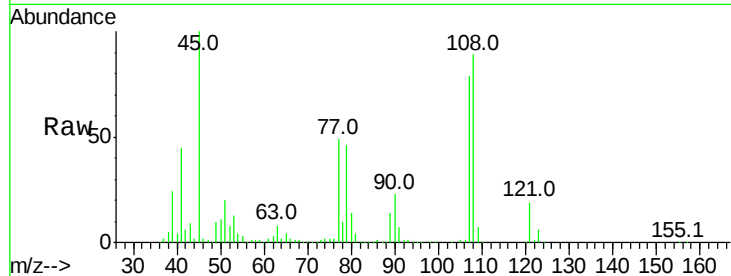
#17
2-Methylphenol
Concen: 50.455 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	93.4	140.0	
77	61.4	35.8	53.6#	
79	57.4	34.8	52.2#	

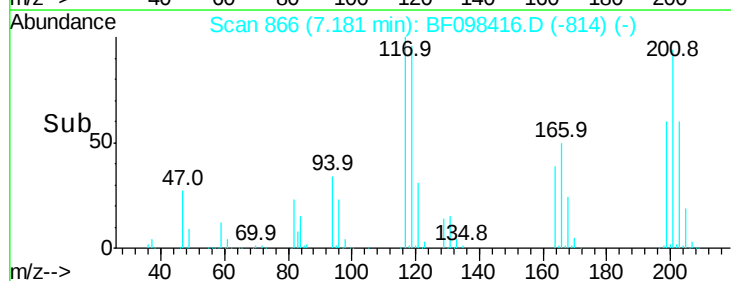
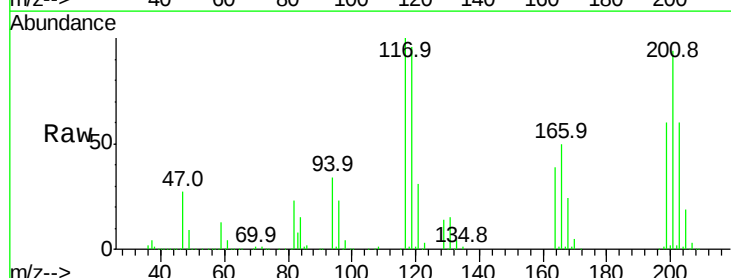
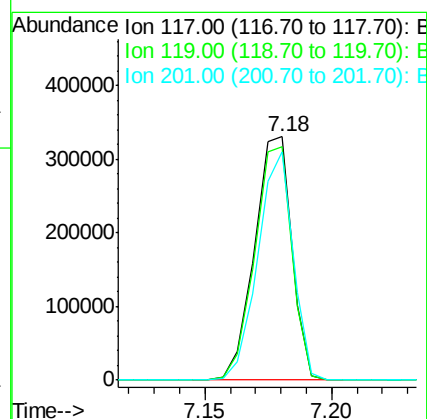
Manual Integrations
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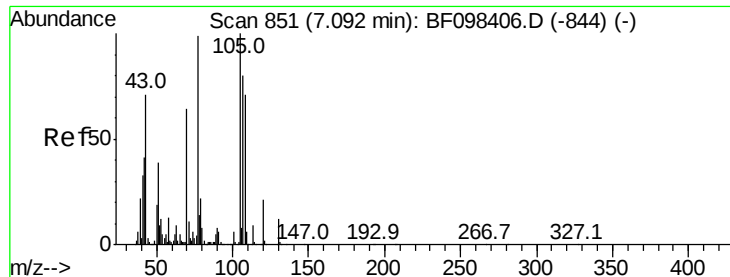
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#18
Hexachloroethane
Concen: 47.324 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.4	116.0	
201	94.0	94.6	141.8#	





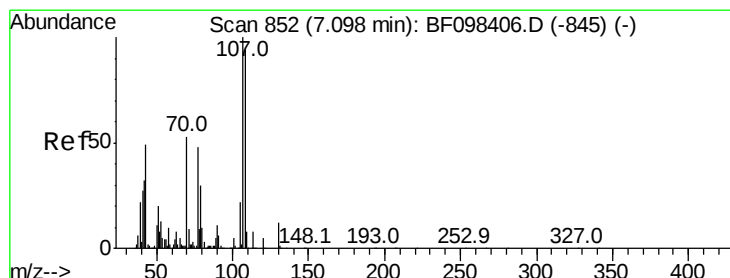
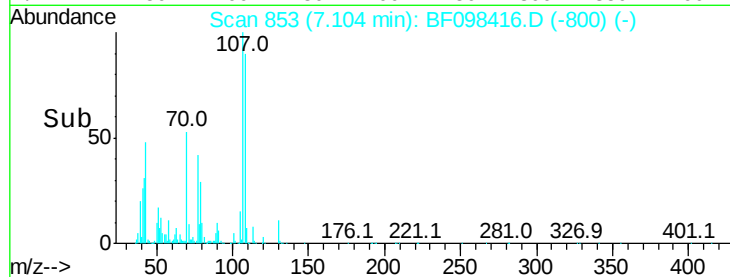
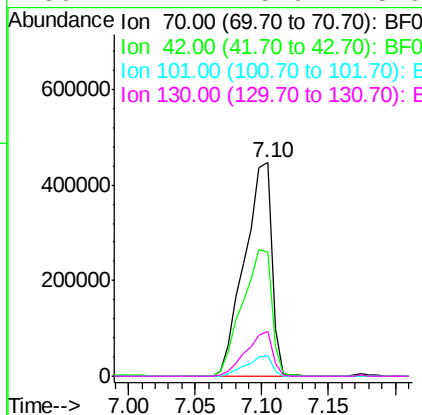
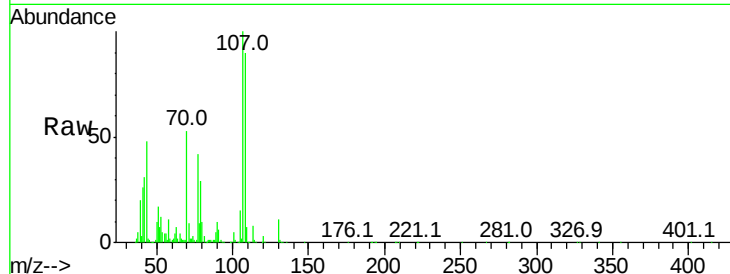
#19
n-Nitroso-di-n-propylamine
Concen: 47.631 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	70	Resp	630598
Ion Ratio	Lower	Upper	
70	100		
42	58.3	47.2	70.8
101	9.5	7.2	10.8
130	21.1	15.9	23.9

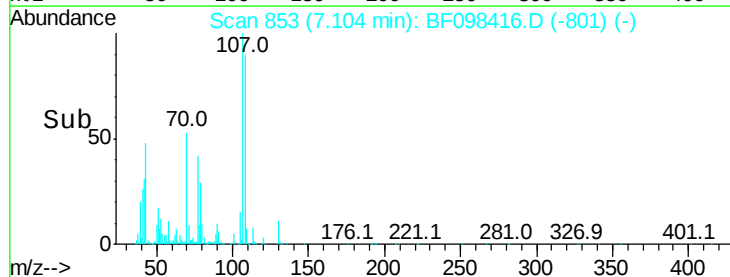
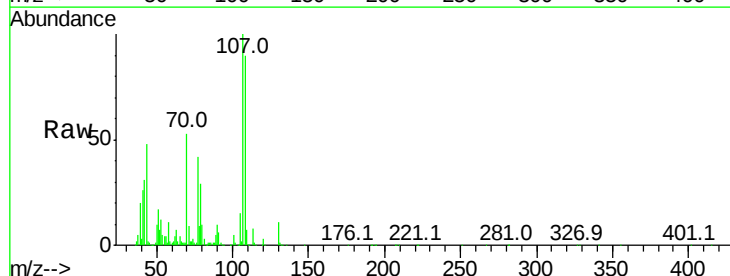
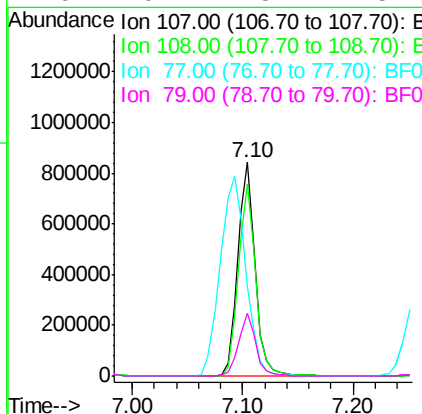
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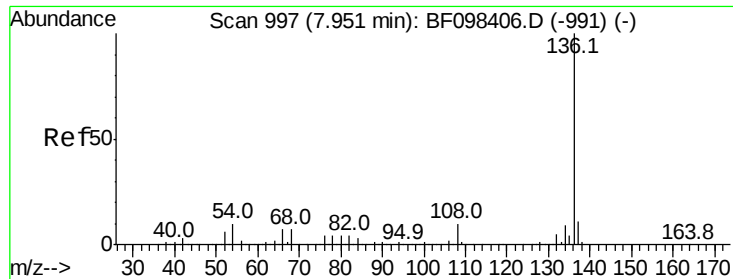
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#20
3+4-Methylphenols
Concen: 49.499 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	107	Resp	928493
Ion Ratio	Lower	Upper	
107	100		
108	90.2	71.0	111.0
77	41.9	90.5	130.5#
79	29.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:136 Resp: 1037614

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

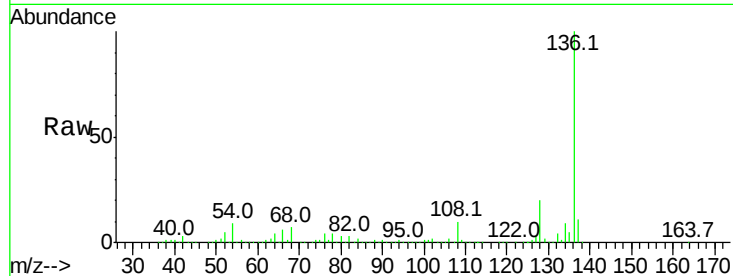
54 9.2 4.9 7.3#

68 6.9 4.1 6.1#

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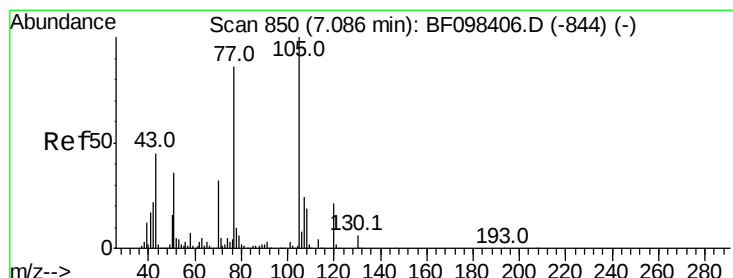
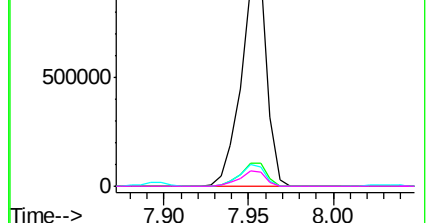
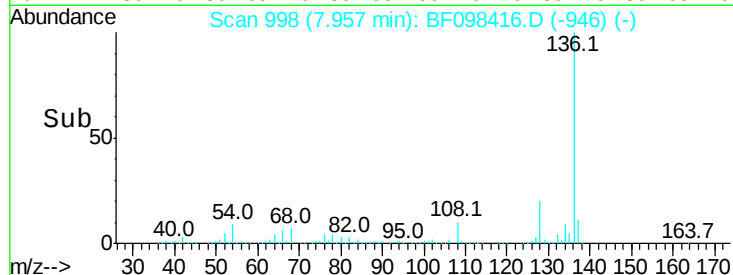


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.408 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Tgt Ion:105 Resp: 1271388

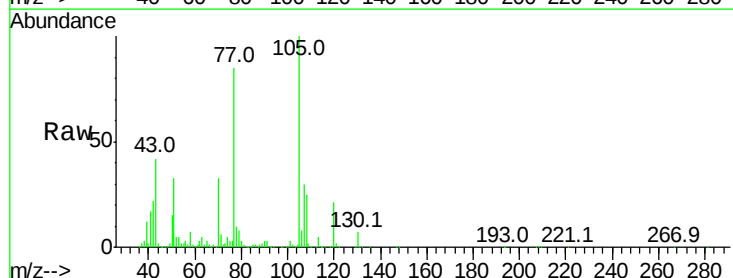
Ion Ratio Lower Upper

105 100

71 5.7 2.8 4.2#

51 33.3 30.7 46.1

120 21.2 17.4 26.0

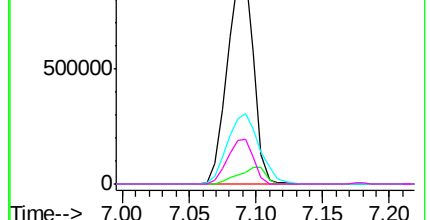
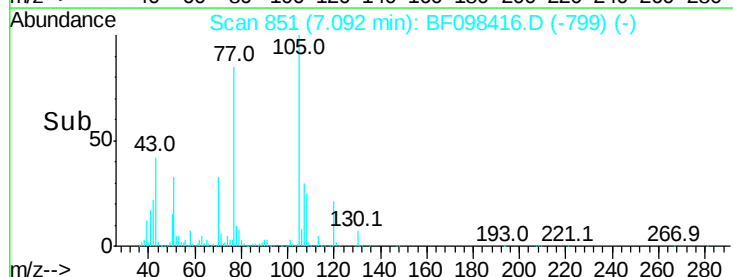


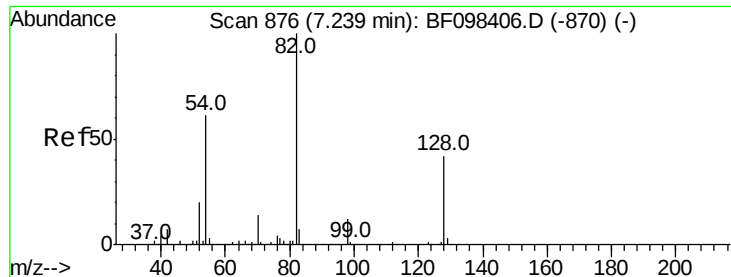
Abundance Ion 105.00 (104.70 to 105.70): E

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





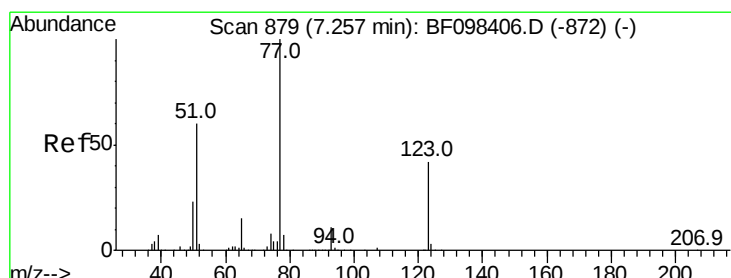
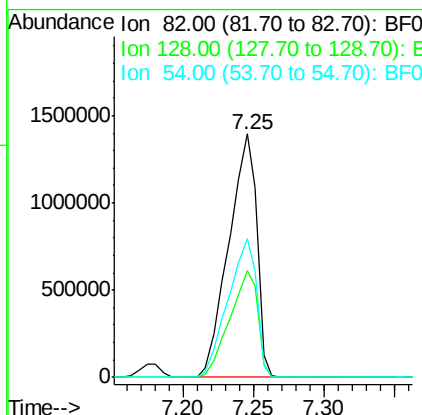
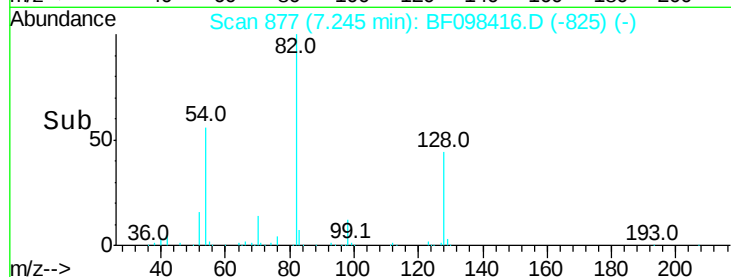
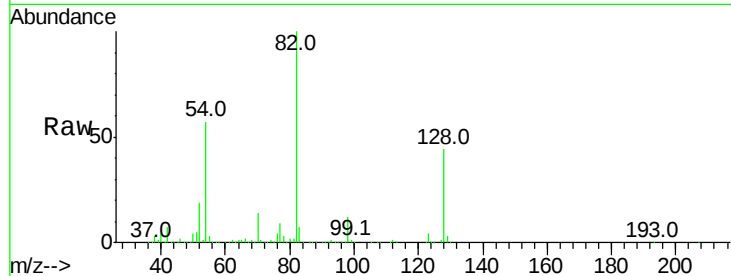
#23
Nitrobenzene-d5
Concen: 103.105 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion: 82 Resp: 1918994
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 57.2 42.2 63.2

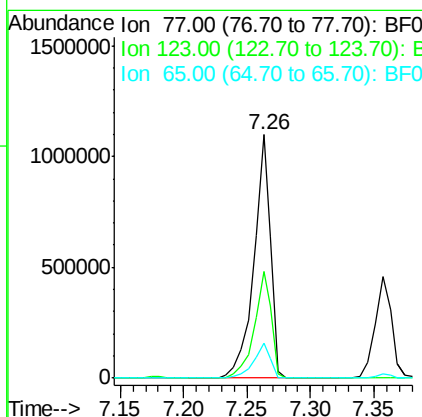
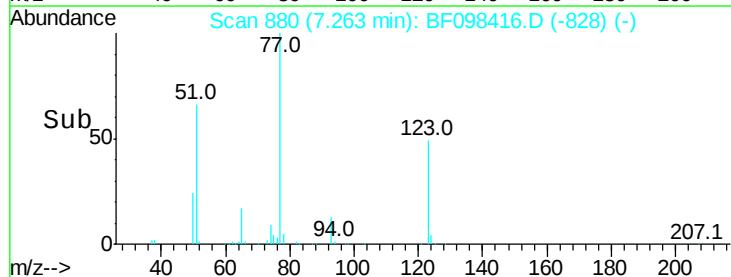
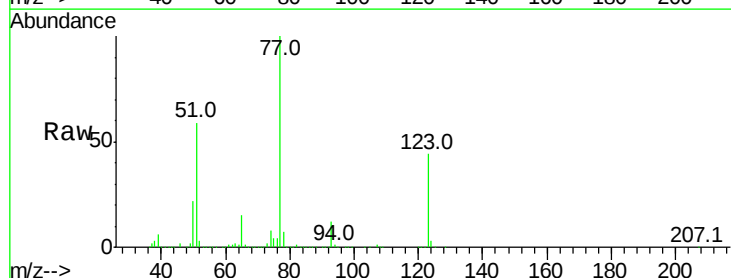
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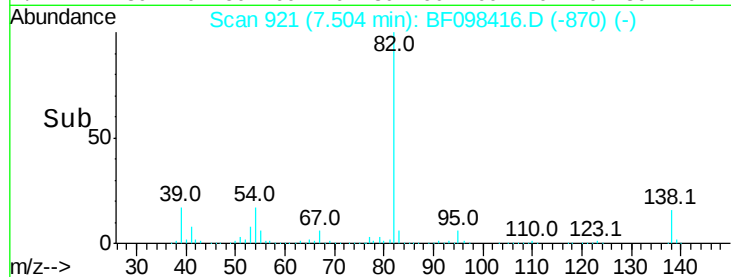
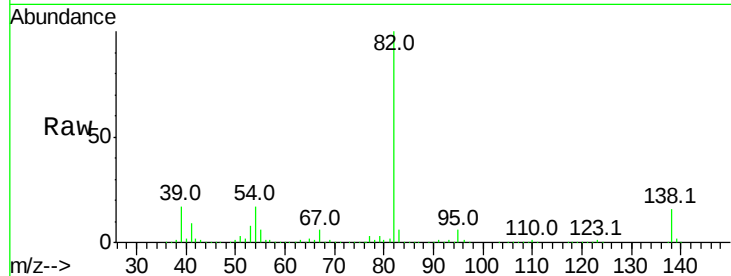
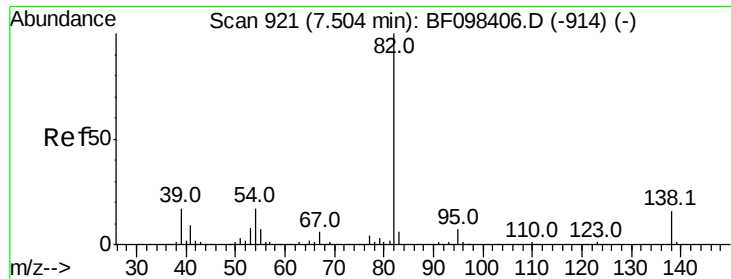
Sohil
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#24
Nitrobenzene
Concen: 47.637 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion: 77 Resp: 1009922
Ion Ratio Lower Upper
77 100
123 43.8 35.8 53.8
65 14.5 10.6 15.8





#25

Isophorone

Concen: 50.150 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Tot Ion:	82	Resp:	1888504
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.3	7.9
138	16.0	13.1	19.7

Instrument :

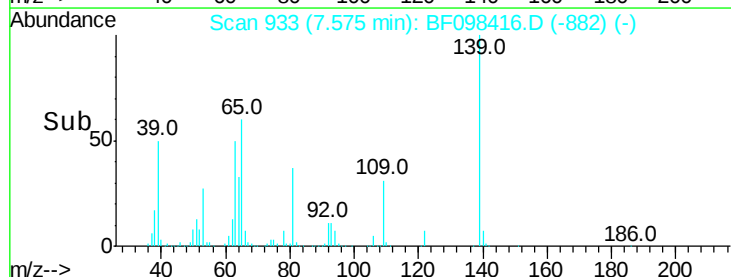
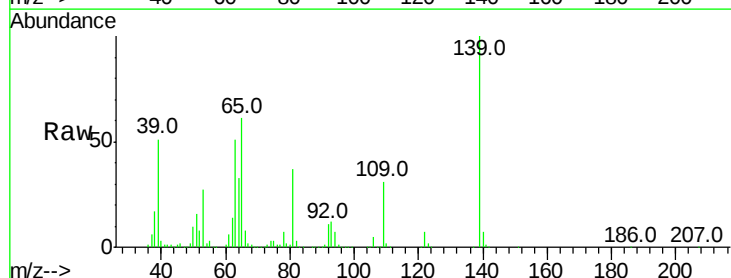
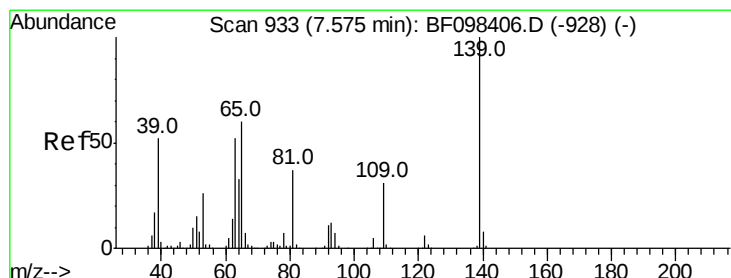
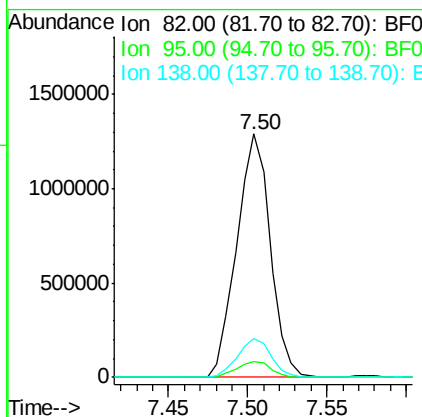
BNA_F

ClientSampleId :

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#26

2-Nitrophenol

Concen: 57.056 ng

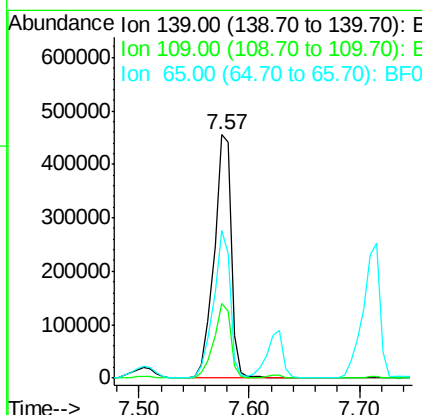
RT: 7.57 min Scan# 933

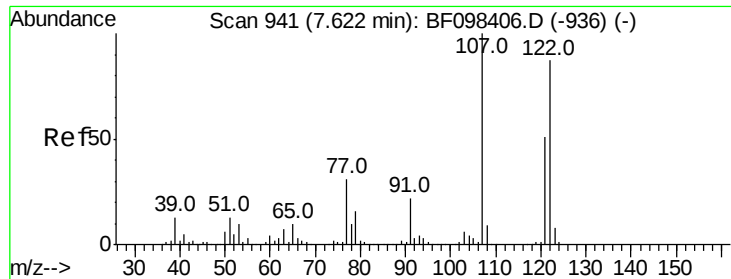
Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Tgt Ion:	139	Resp:	488388
Ion	Ratio	Lower	Upper
139	100		
109	30.5	21.0	31.6
65	60.7	33.0	49.6





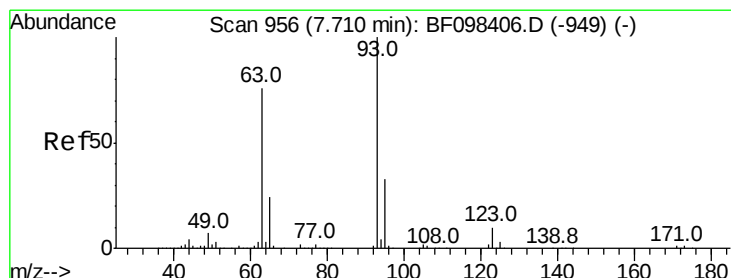
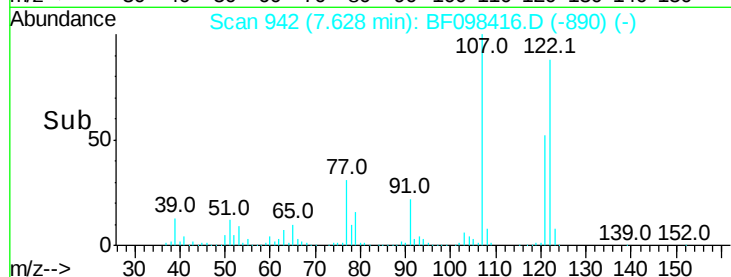
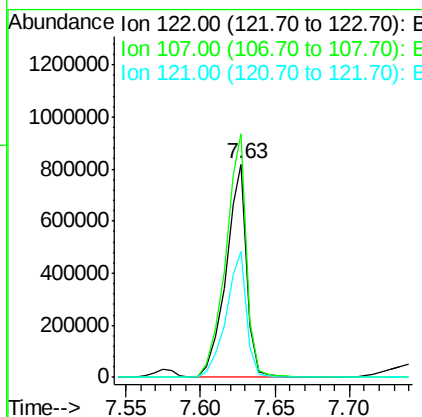
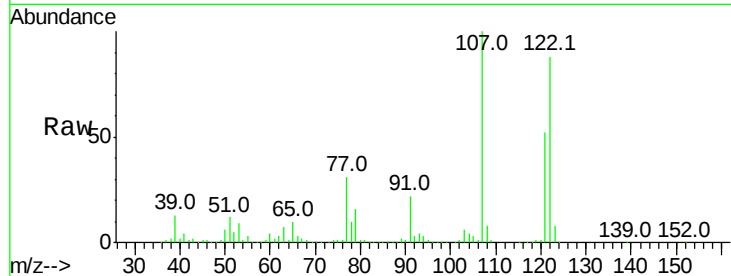
#27
2,4-Dimethylphenol
Concen: 48.978 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	89.2	133.8
121	59.1	45.2	67.8

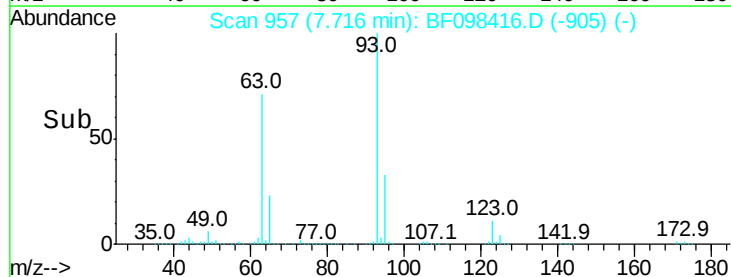
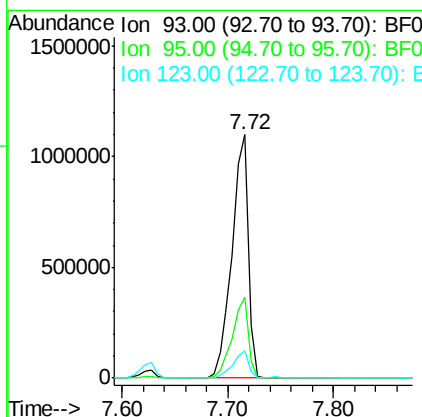
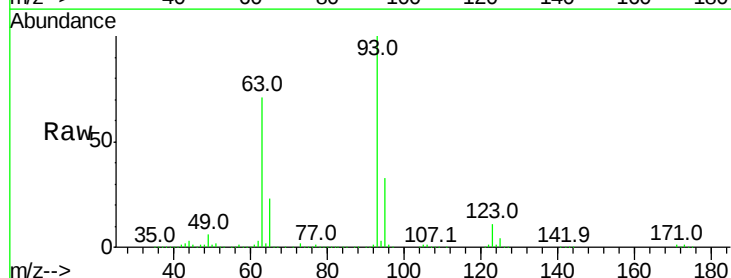
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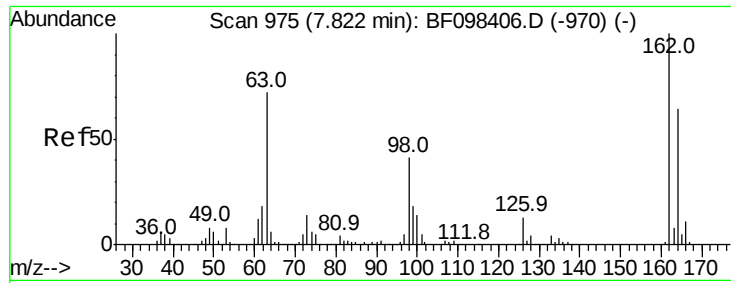
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#28
bis(2-Chloroethoxy)methane
Concen: 50.937 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.0	9.0	13.4





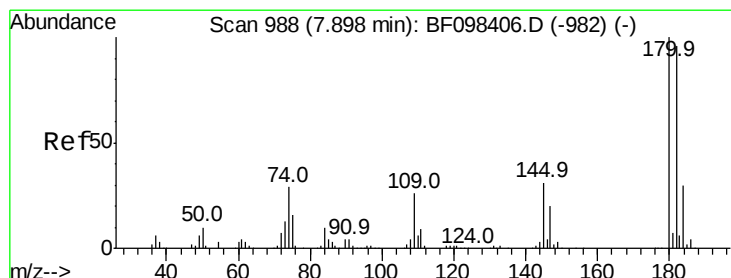
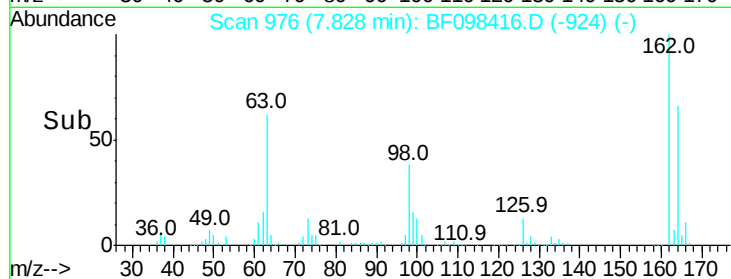
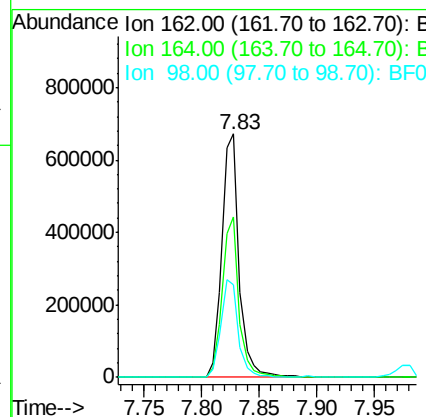
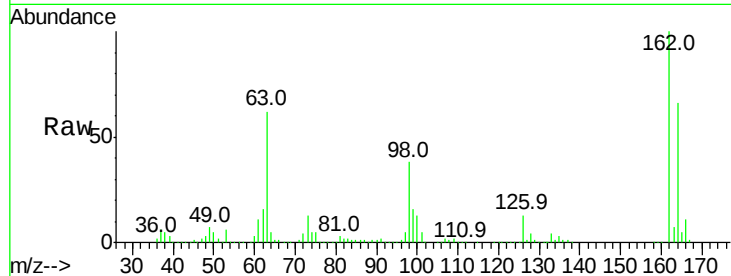
#29
 2,4-Dichlorophenol
 Concen: 51.437 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	698050		
164	65.7		44.6	84.6
98	38.1		14.8	54.8

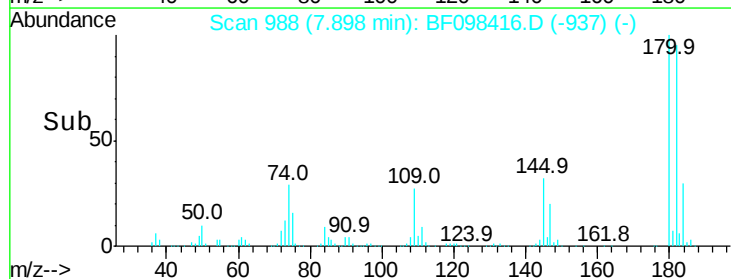
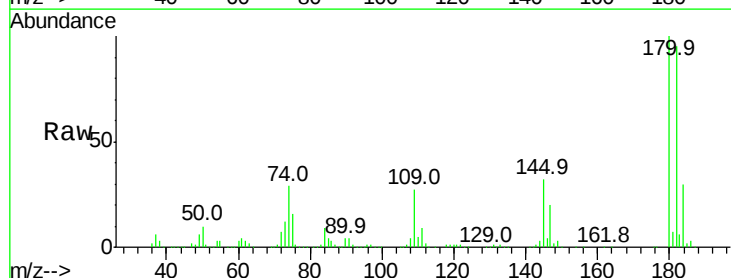
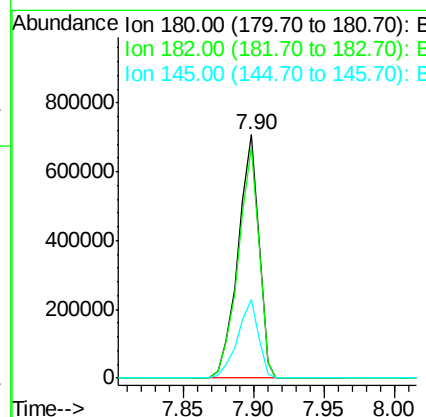
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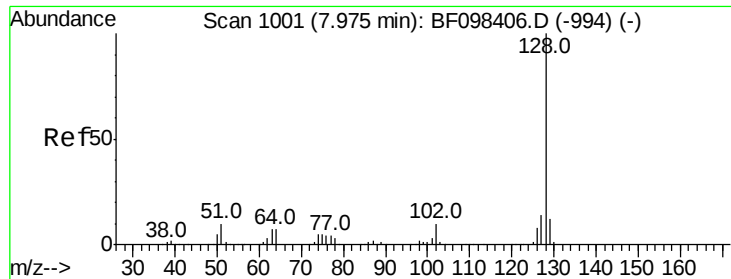
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.327 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	728194		
182	95.0		75.8	113.6
145	32.2		25.3	37.9





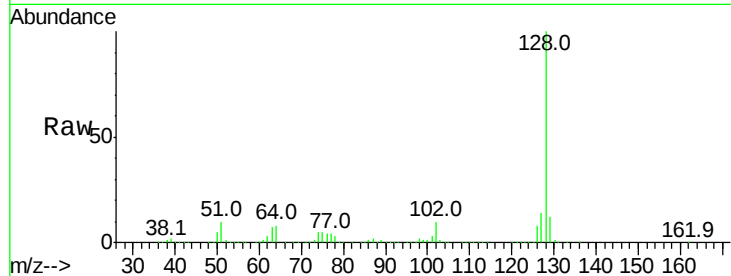
#31
Naphthalene
Concen: 47.603 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

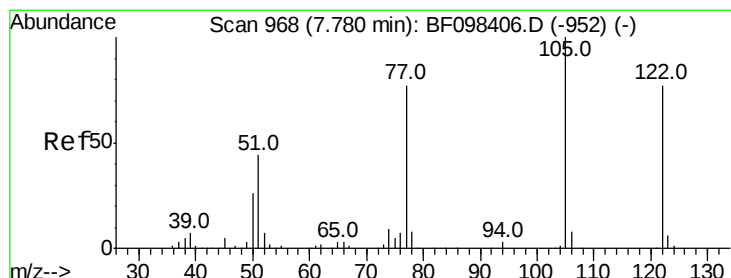
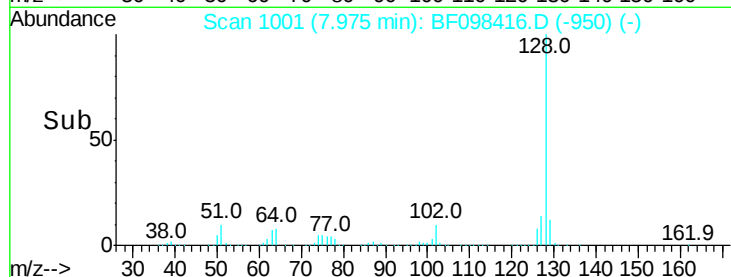
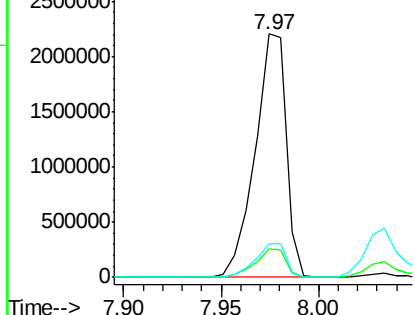
Tot Ion:128 Resp: 2441796
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 14.0 10.8 16.2

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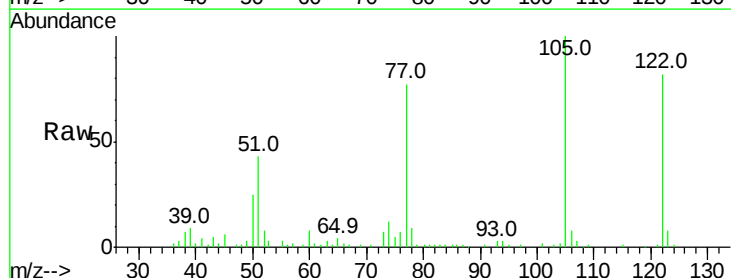


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

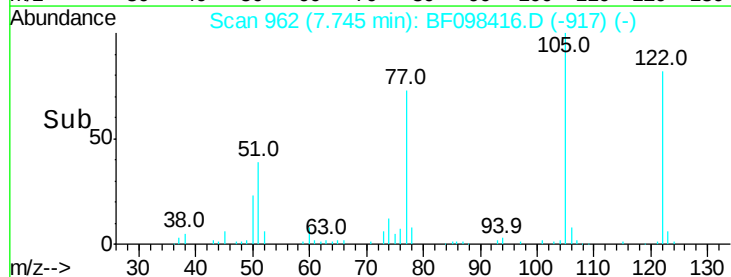
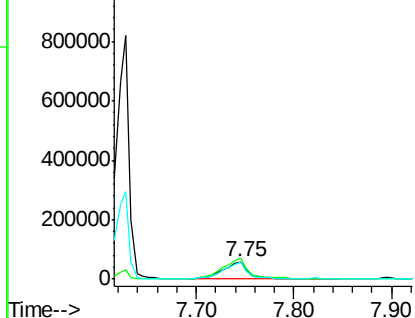


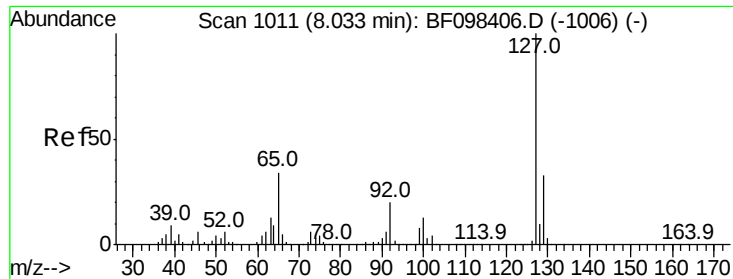
#32
Benzoic acid
Concen: 16.015 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.03 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion:122 Resp: 105598
Ion Ratio Lower Upper
122 100
105 122.4 103.3 143.3
77 94.0 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





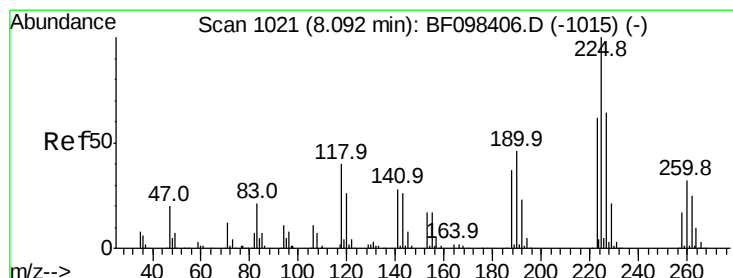
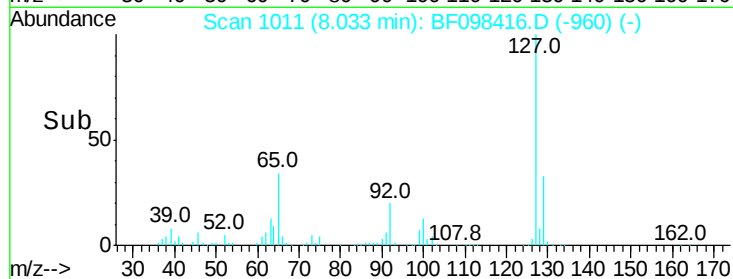
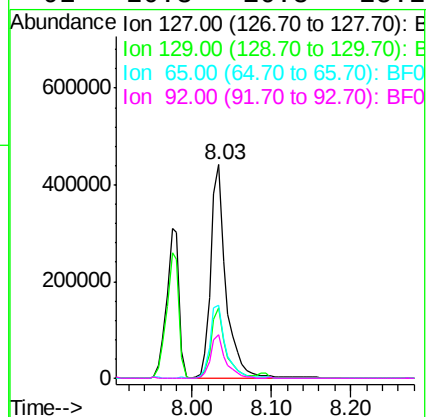
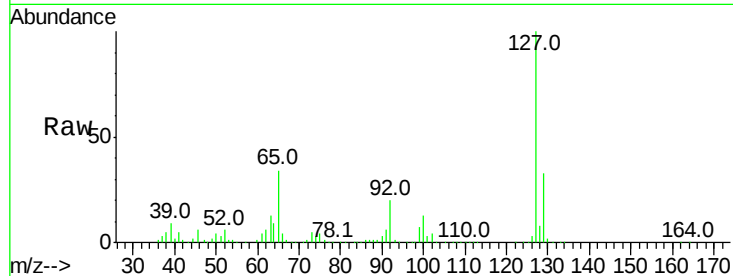
#33
4-Chloroaniline
Concen: 28.110 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.2	39.2	
65	34.4	27.8	41.8	
92	20.3	16.8	25.2	

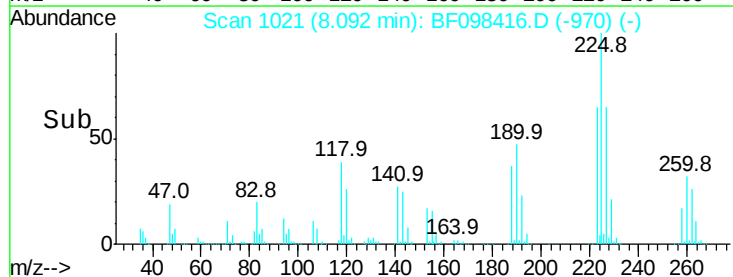
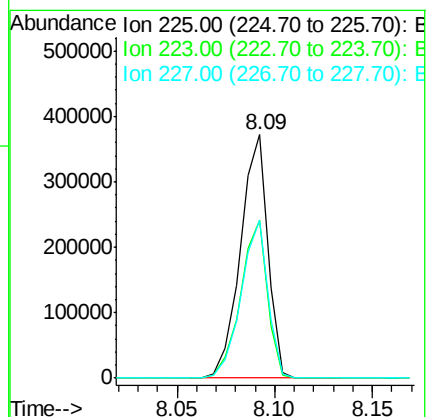
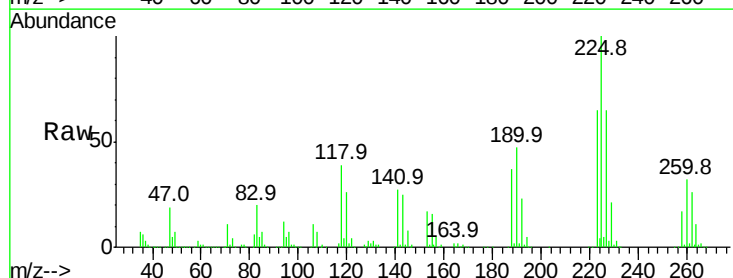
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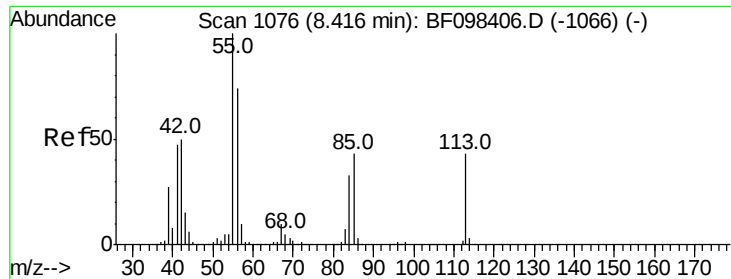
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#34
Hexachlorobutadiene
Concen: 47.550 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	48.8	73.2	
227	65.0	51.1	76.7	





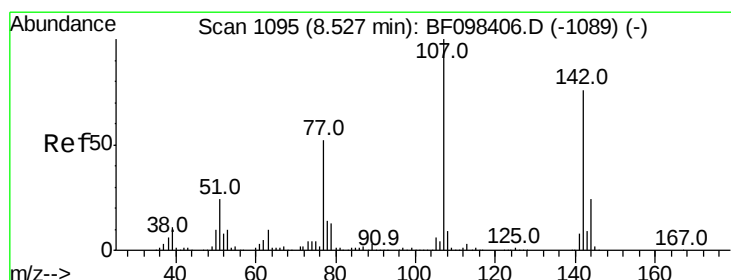
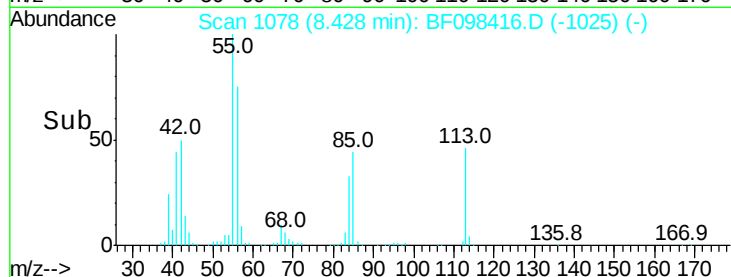
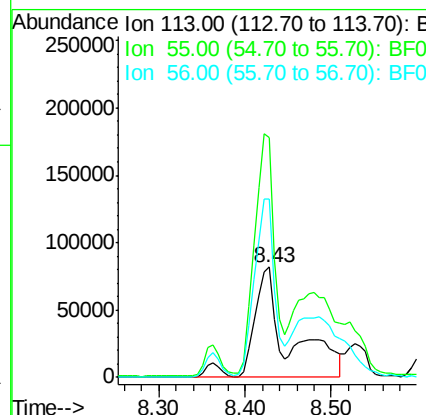
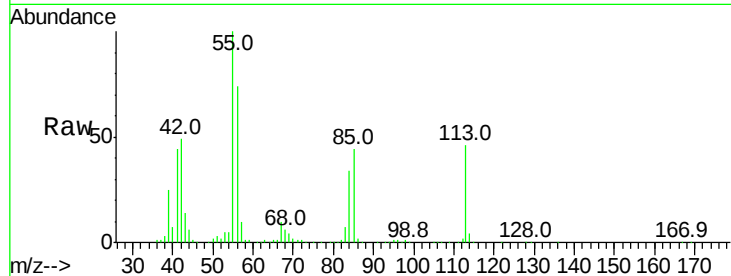
#35
 Caprolactam
 Concen: 49.913 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.0	150.2	190.2#
56	162.3	107.8	147.8#

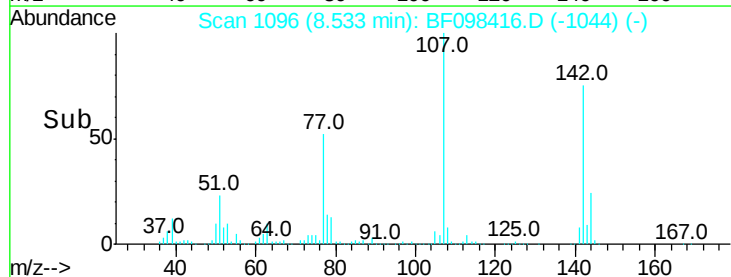
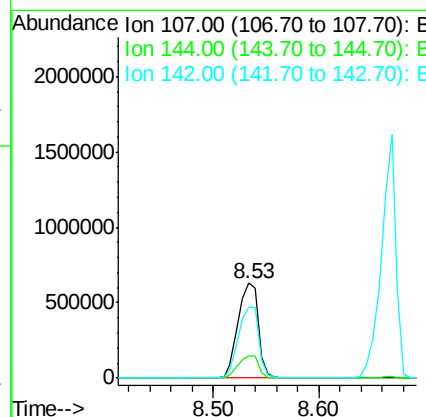
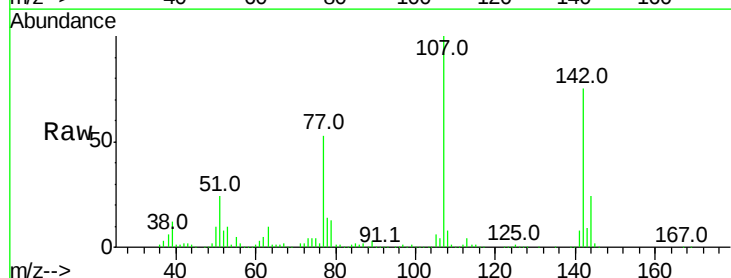
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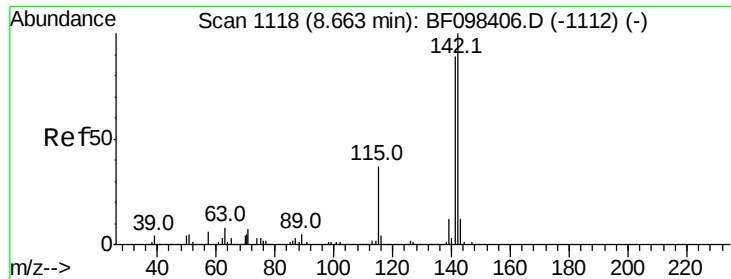
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#36
 4-Chloro-3-methylphenol
 Concen: 49.500 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	24.2	36.4#
142	75.5	73.4	110.0





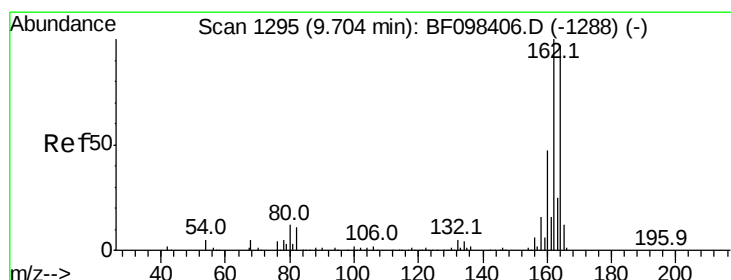
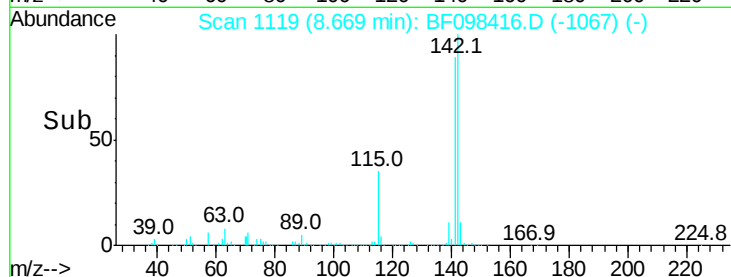
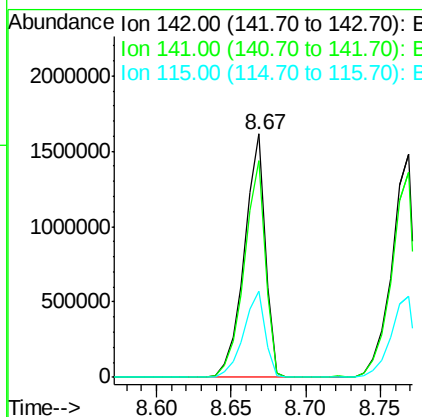
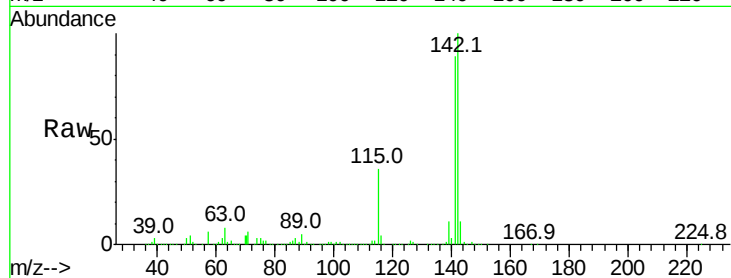
#37
2-Methylnaphthalene
Concen: 50.686 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	35.5	27.1	40.7

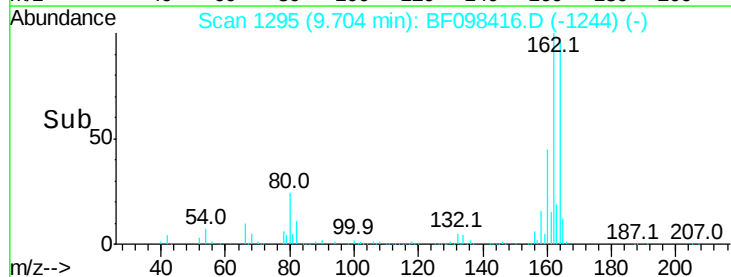
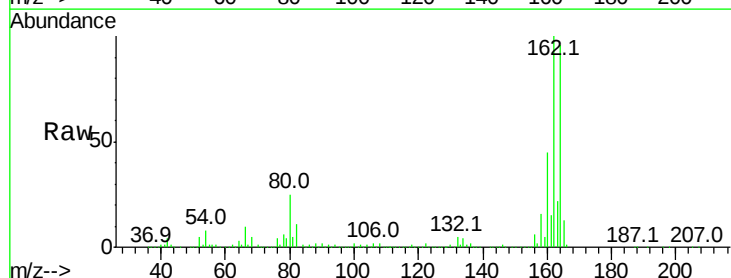
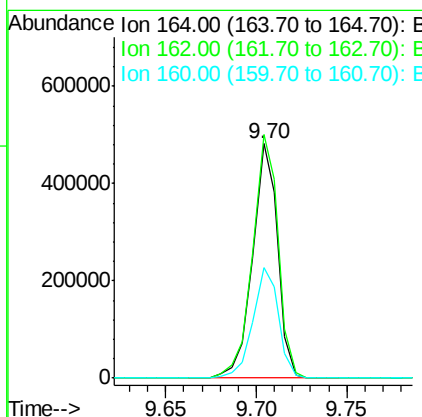
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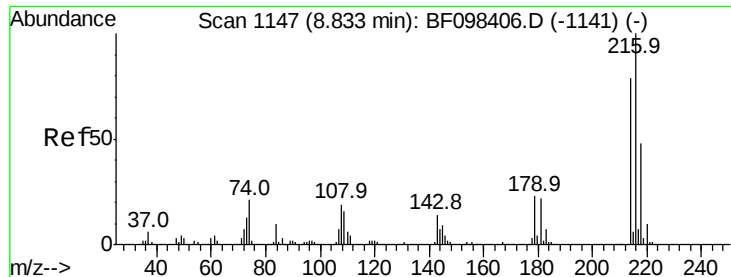
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	47.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.552 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

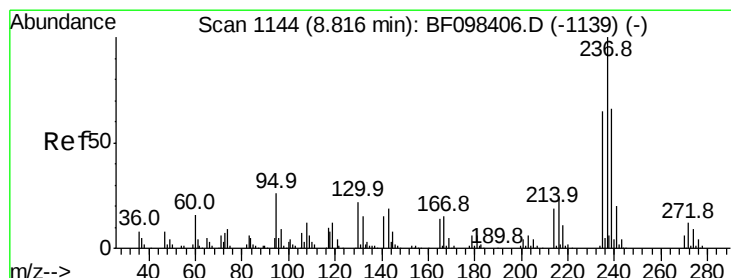
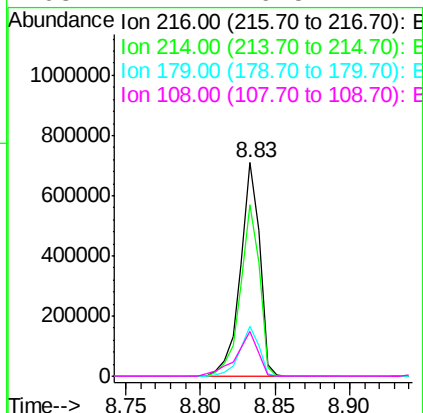
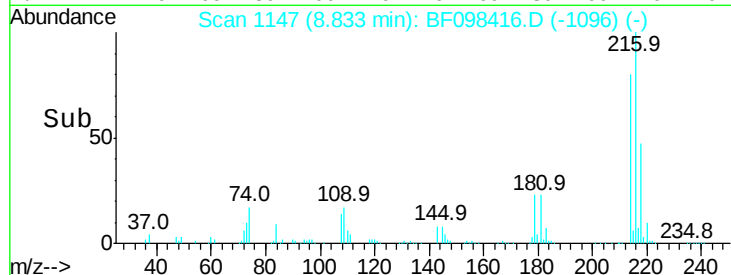
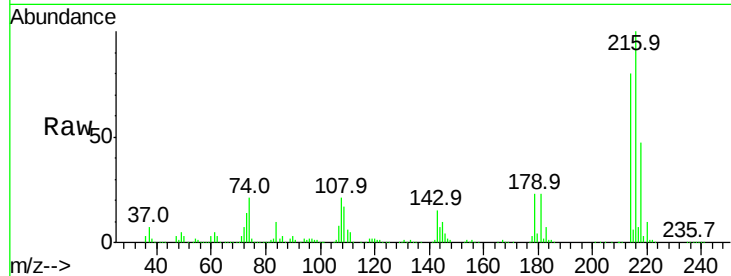
EME-UTS-TS001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	639018		
214	79.7	63.4	95.2	
179	23.1	17.9	26.9	
108	24.1	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 107.541 ng

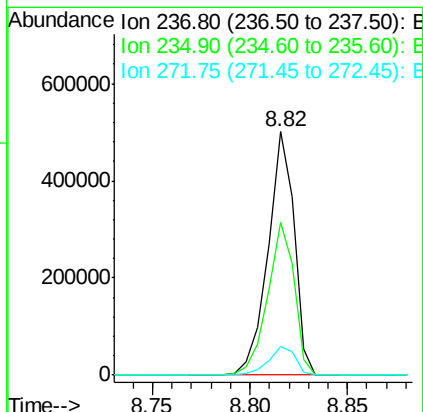
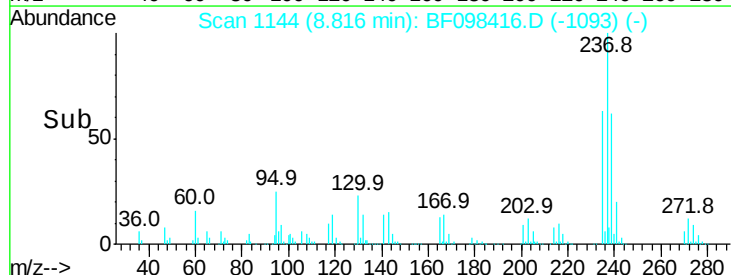
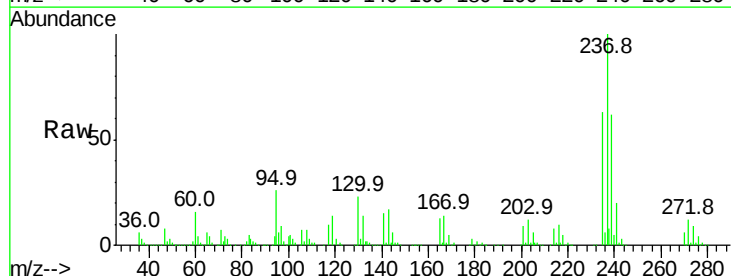
RT: 8.82 min Scan# 1144

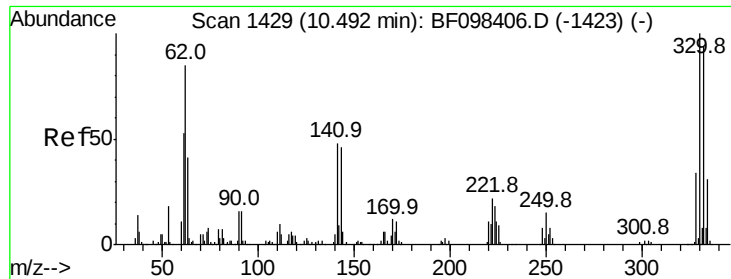
Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	467918		
235	62.7	42.6	82.6	
272	11.8	0.0	31.9	





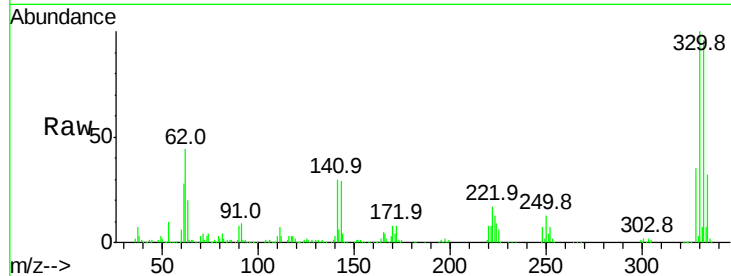
#41
 2,4,6-Tribromophenol
 Concen: 160.458 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

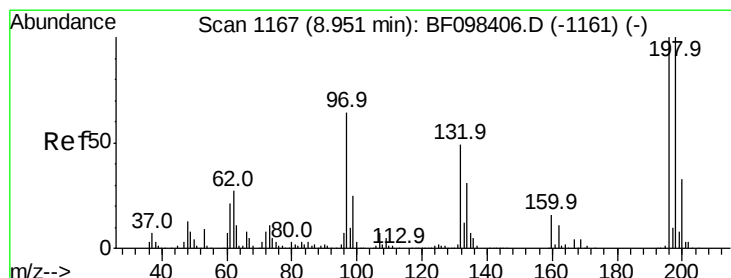
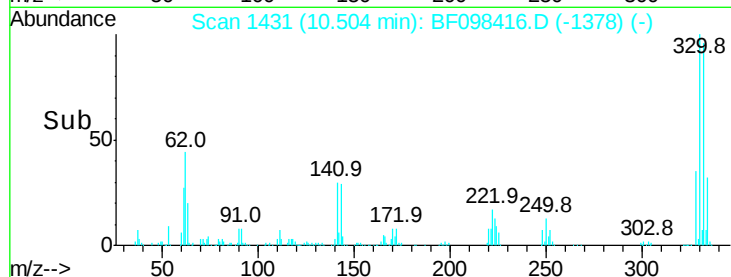
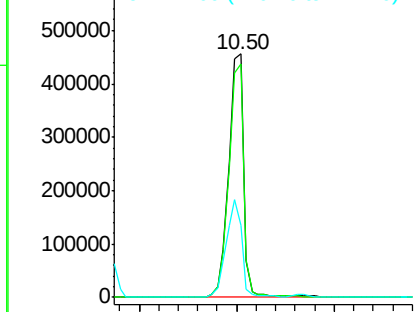
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	41.8	31.4	47.2	

Manual Integrations
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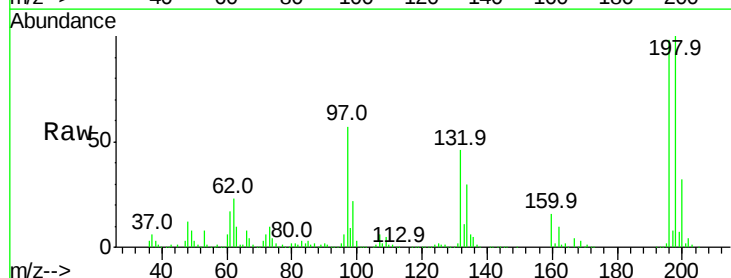


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

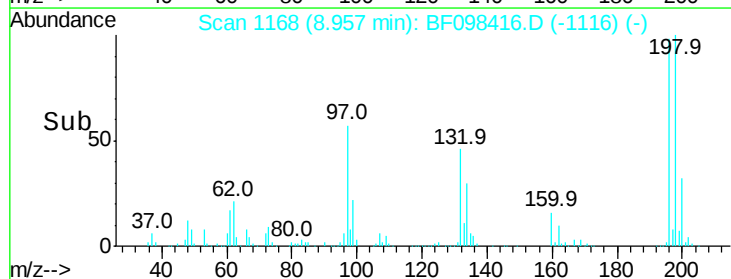
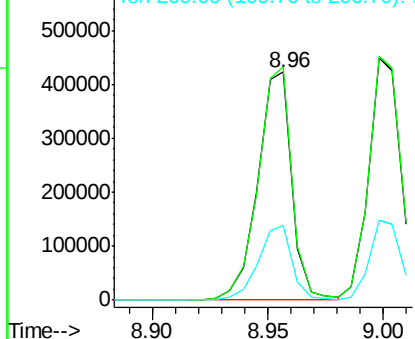


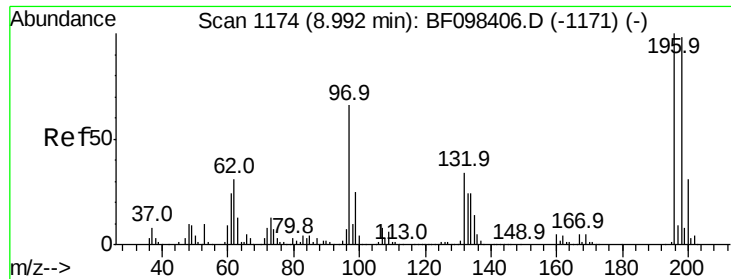
#42
 2,4,6-Trichlorophenol
 Concen: 51.612 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.3	74.2	111.4	
200	32.6	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





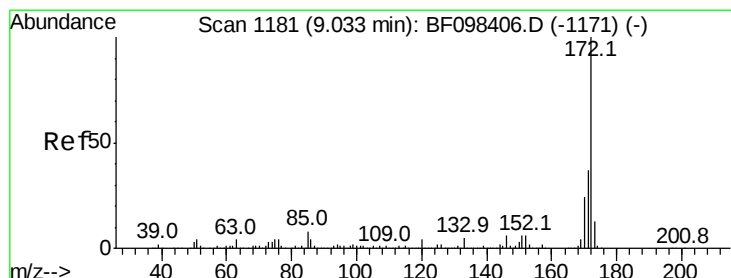
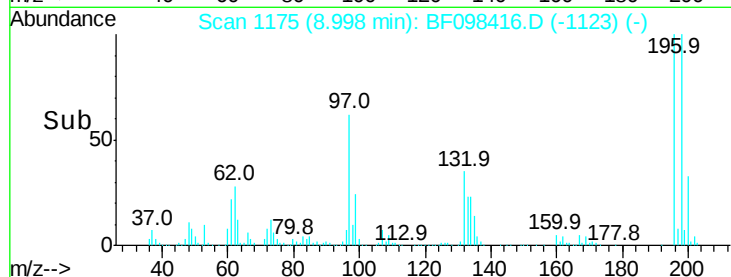
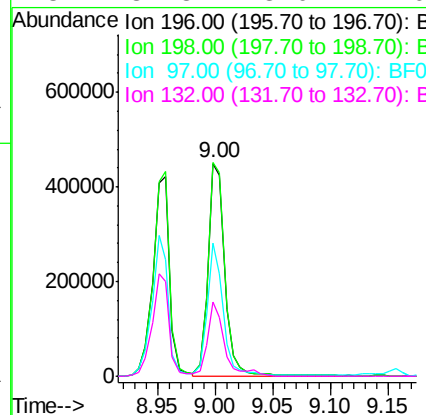
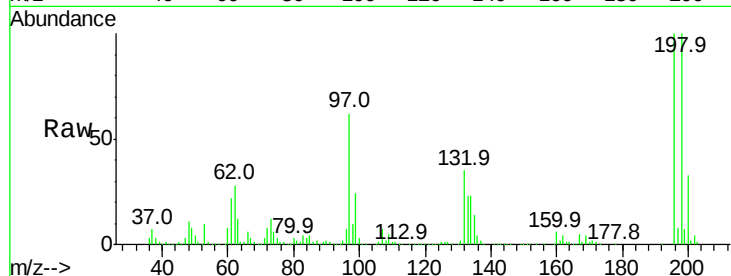
#43
 2,4,5-Trichlorophenol
 Concen: 51.735 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	455570		
198	100.4	75.7	113.5	
97	62.7	47.7	71.5	
132	34.8	28.0	42.0	

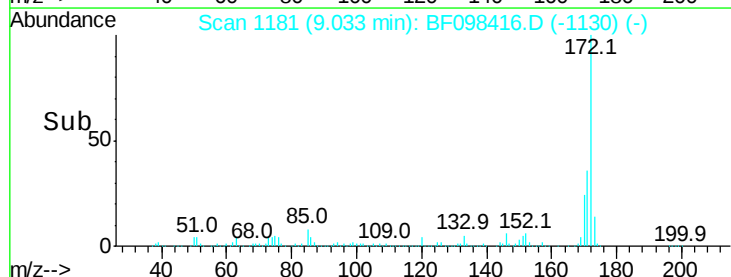
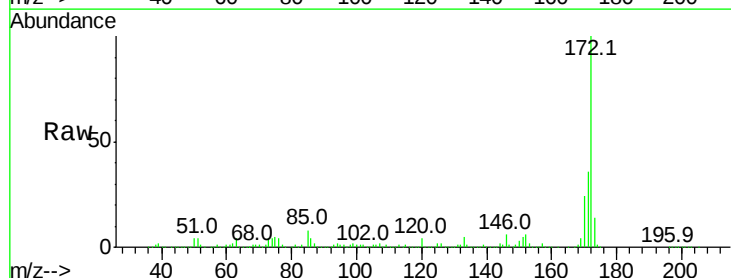
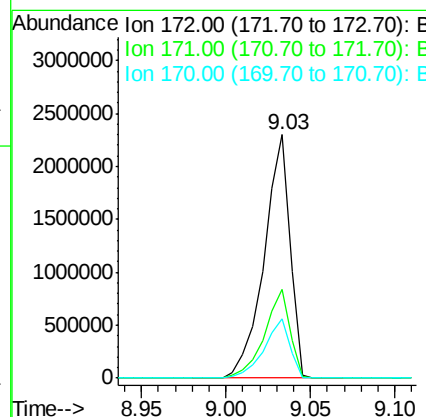
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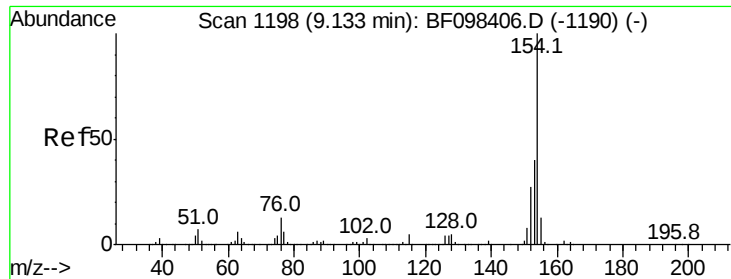
Sohil
 9/12/2017 6:02:08 PM



#44
 2-Fluorobiphenyl
 Concen: 89.751 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2438290		
171	36.5	29.6	44.4	
170	24.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 44.912 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:154 Resp: 1851008

Ion Ratio Lower Upper

154 100

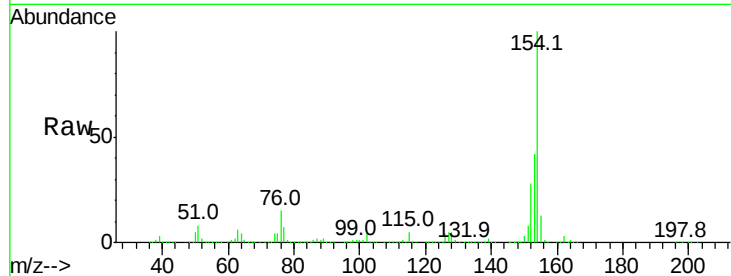
153 41.7 21.2 61.2

76 14.7 0.0 29.9

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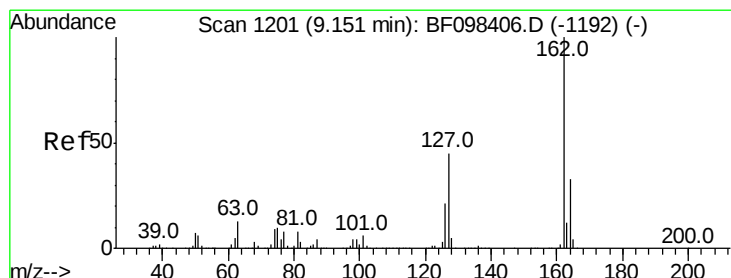
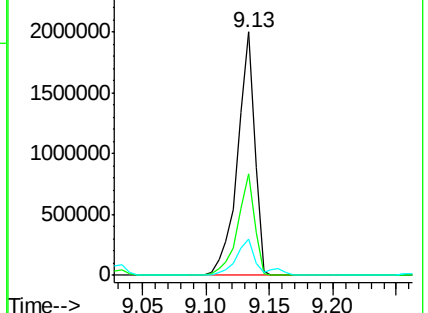
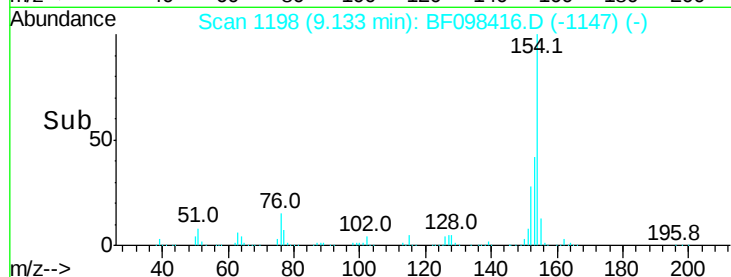
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.102 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

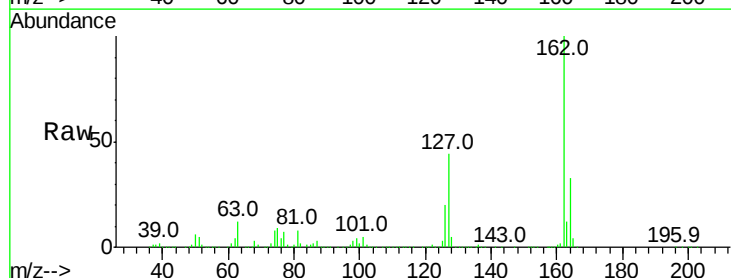
Tgt Ion:162 Resp: 1415826

Ion Ratio Lower Upper

162 100

127 43.9 28.3 42.5#

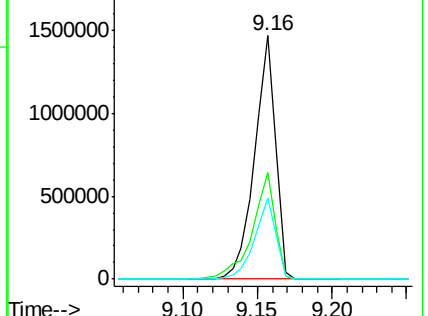
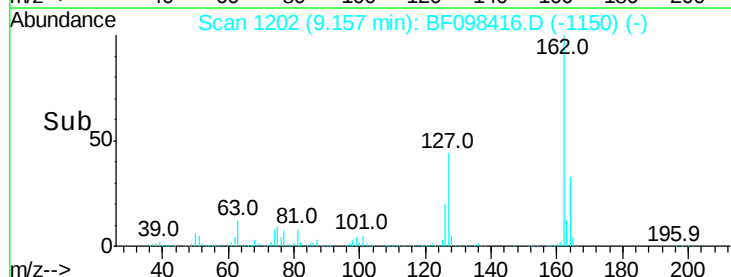
164 33.2 27.0 40.4

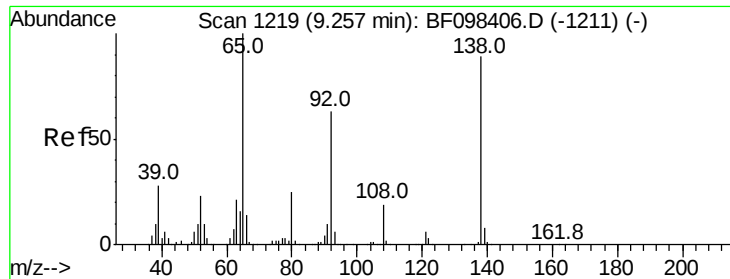


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





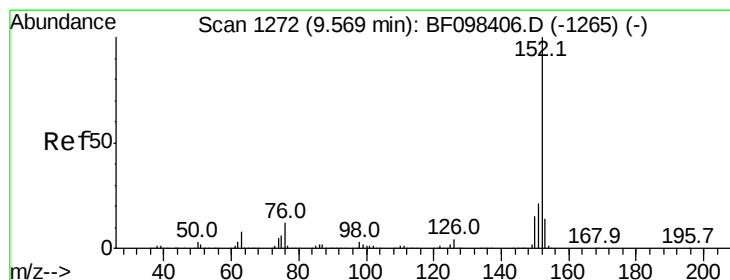
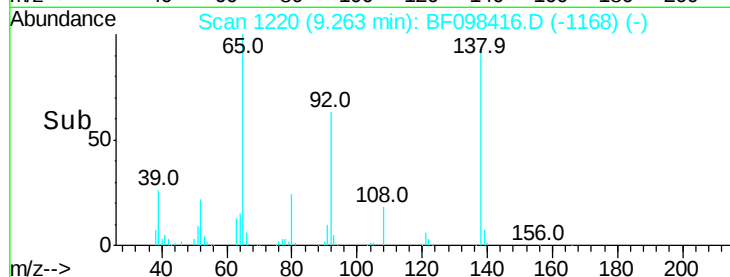
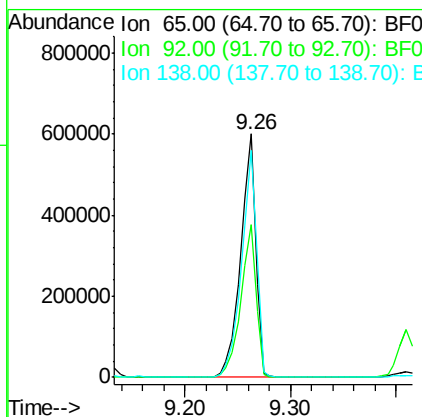
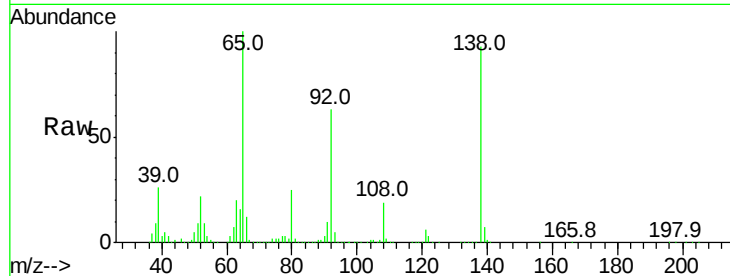
#47
2-Nitroaniline
Concen: 52.045 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	53.9	80.9
138	93.0	78.8	118.2

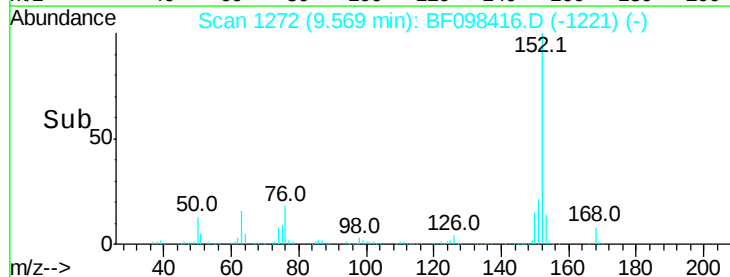
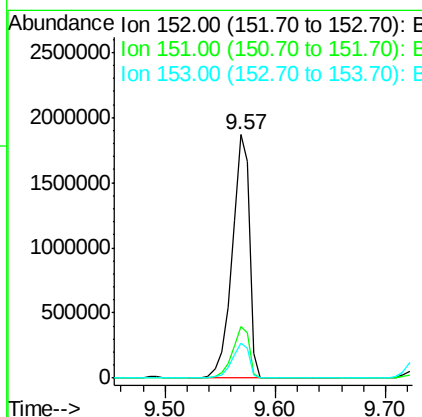
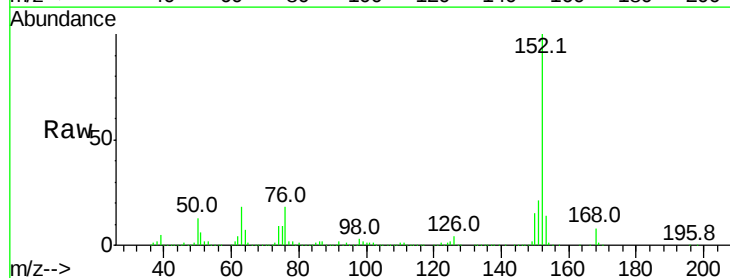
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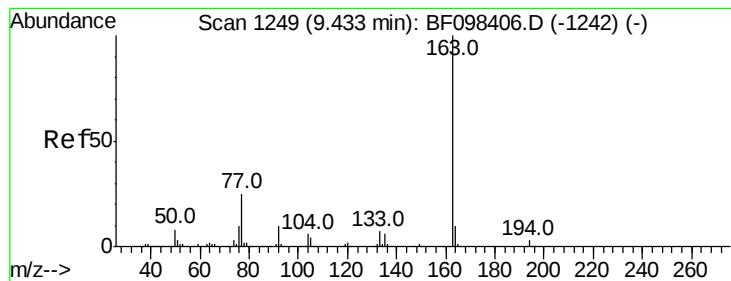
Sohil
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#48
Acenaphthylene
Concen: 46.621 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.4	10.8	16.2





#49

Dimethylphthalate

Concen: 61.539 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:163 Resp: 2193470

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

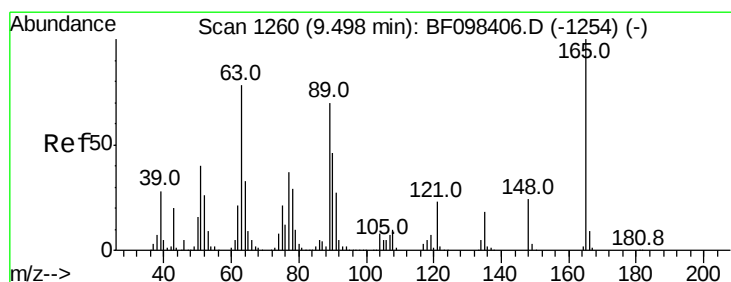
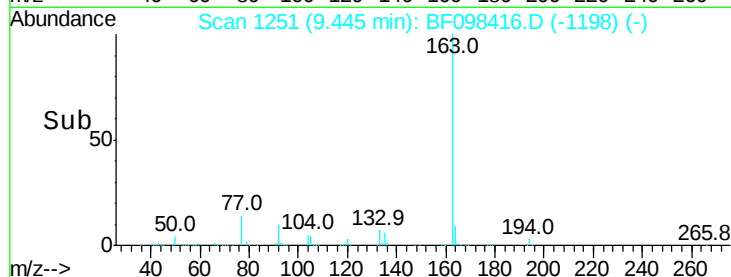
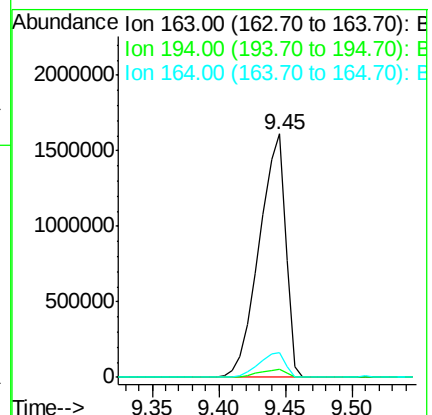
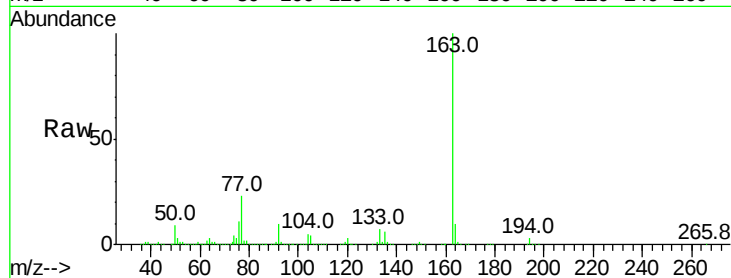
164 10.4 8.4 12.6

Manual Integrations

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9/12/2017 6:02:08 PM



#50

2,6-Dinitrotoluene

Concen: 52.669 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

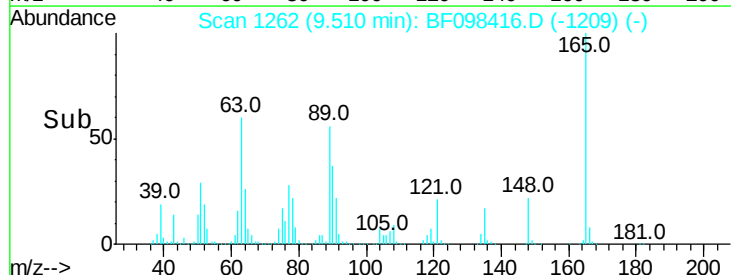
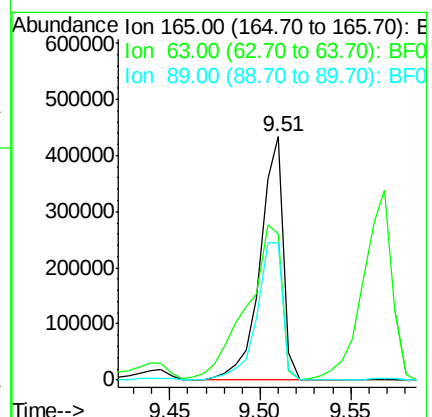
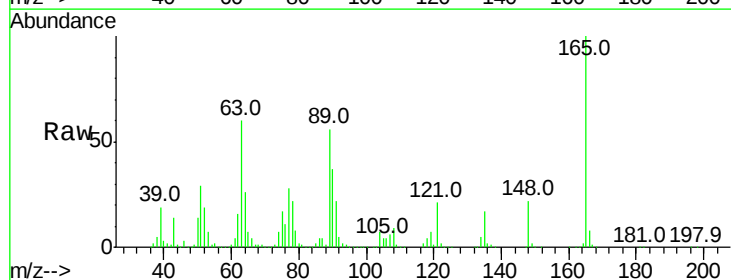
Tgt Ion:165 Resp: 385625

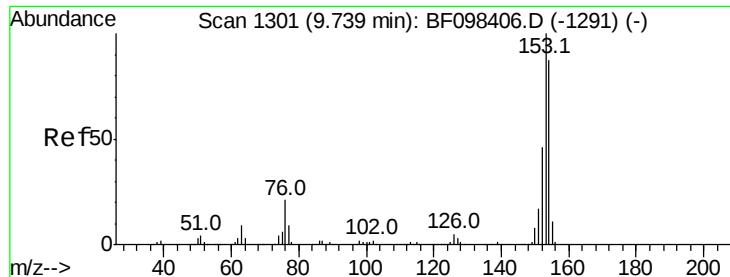
Ion Ratio Lower Upper

165 100

63 60.1 34.3 51.5#

89 56.5 37.1 55.7#





#51

Acenaphthene

Concen: 47.215 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:154 Resp: 1313503

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

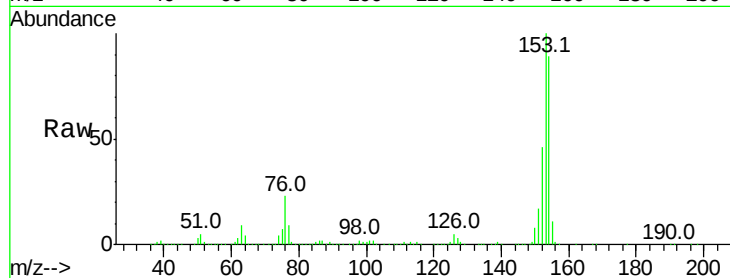
152 52.1 43.6 65.4

Manual Integrations

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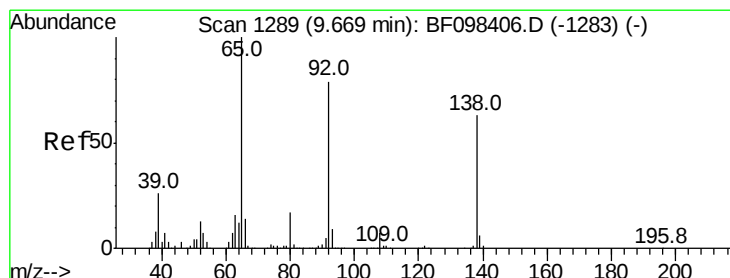
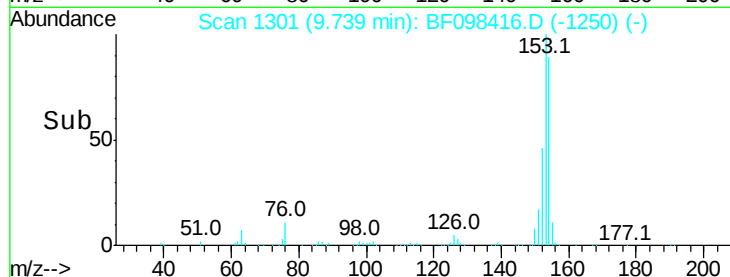
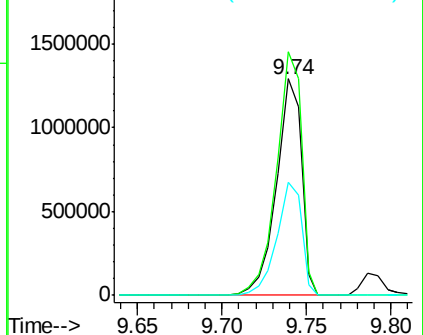
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.600 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

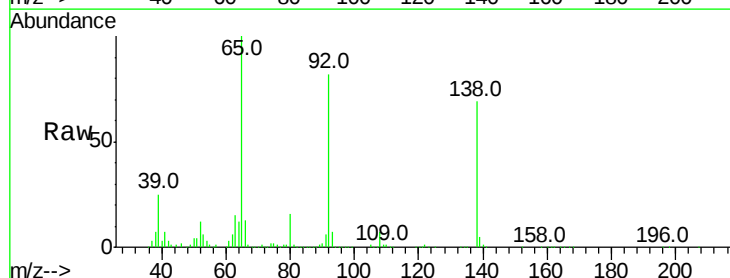
Tgt Ion:138 Resp: 270446

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

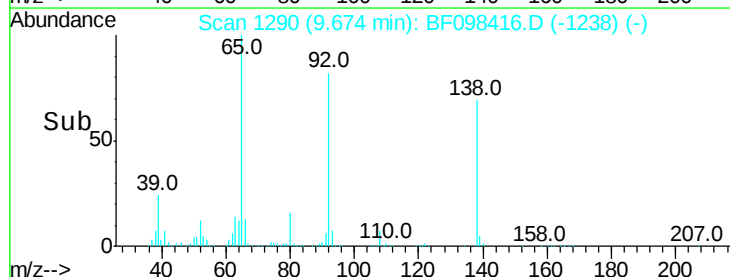
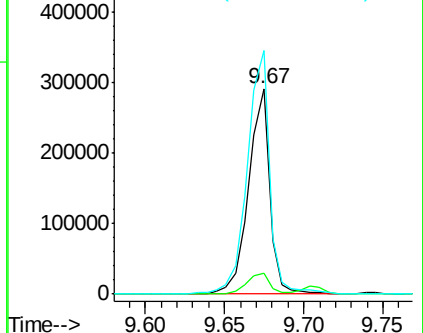
92 118.6 93.8 140.6

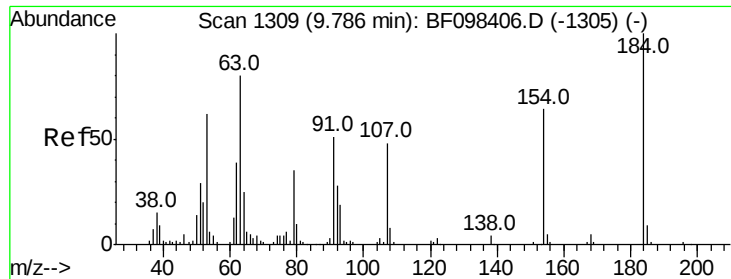


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





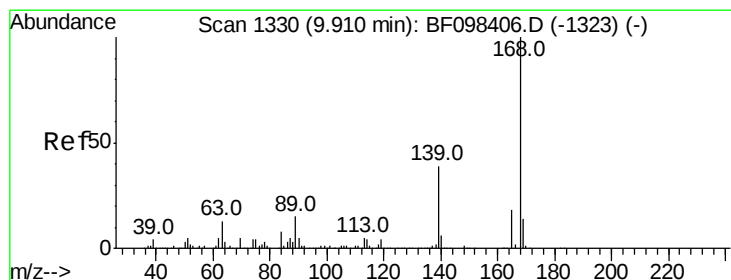
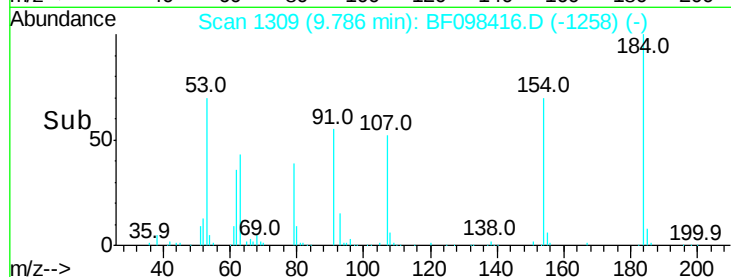
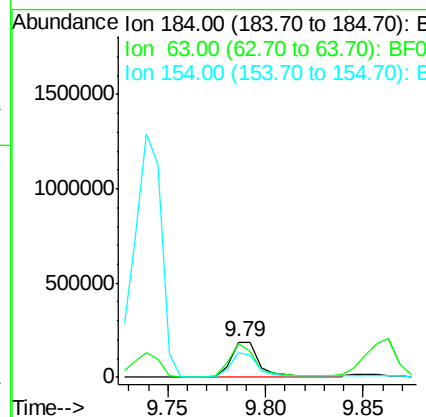
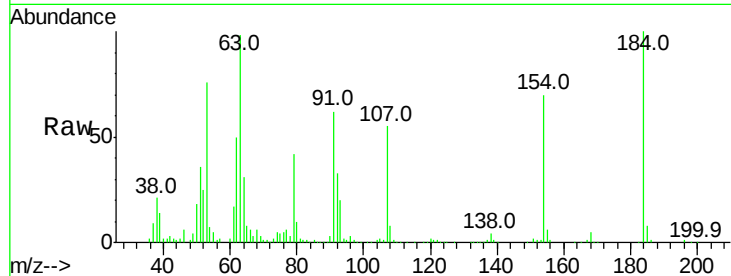
#53
2,4-Dinitrophenol
Concen: 60.705 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	202130		
63	98.0	62.7	94.1#	
154	70.5	81.1	121.7#	

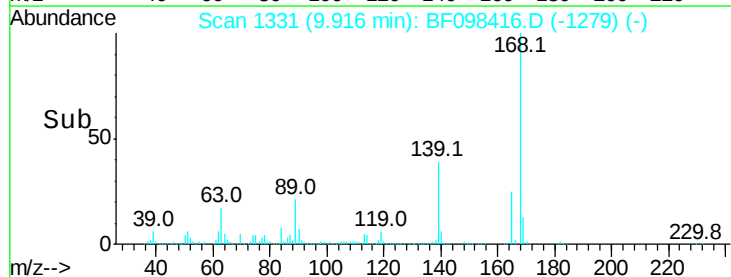
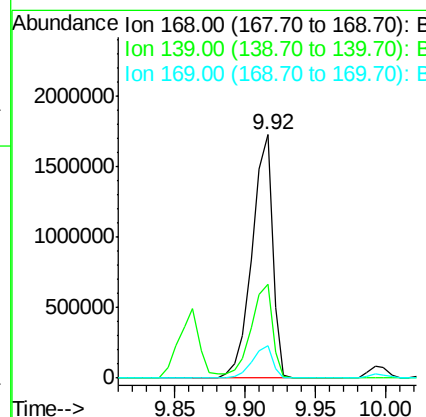
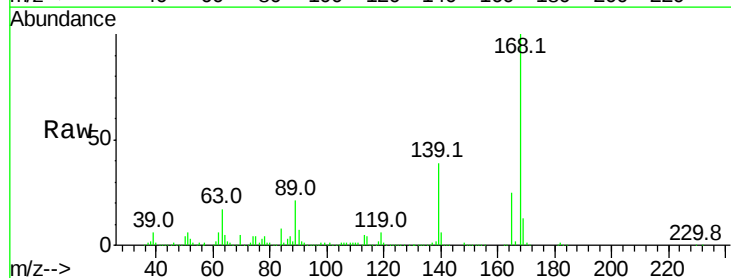
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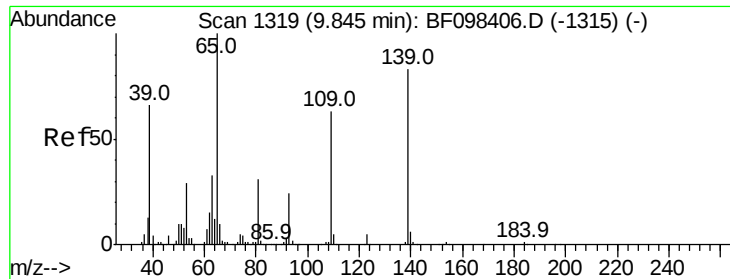
Sohil
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#54
Dibenzofuran
Concen: 48.289 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1769748		
139	38.6	30.6	45.8	
169	13.3	10.8	16.2	





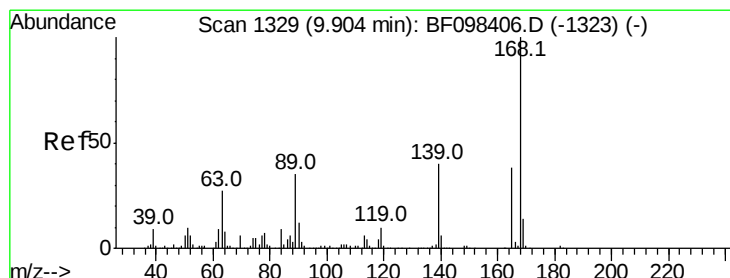
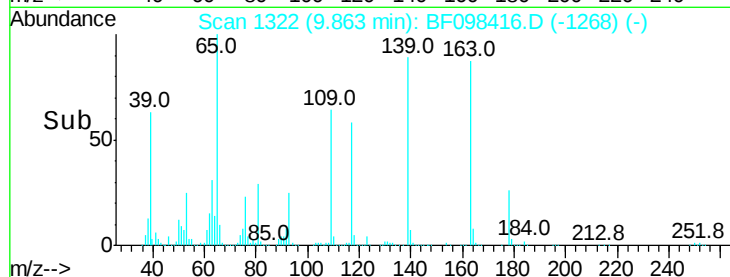
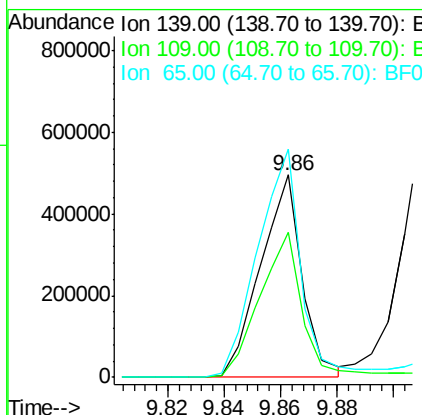
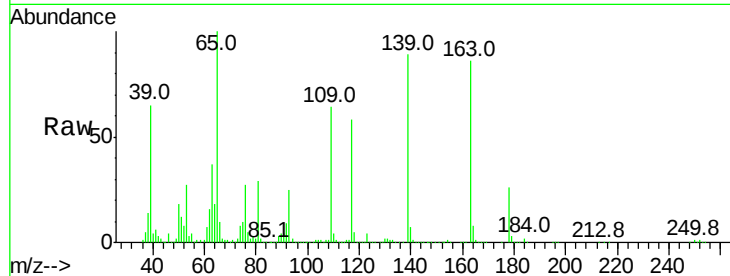
#55
4-Nitrophenol
Concen: 99.553 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.0	34.1	74.1	
65	112.6	31.4	71.4	

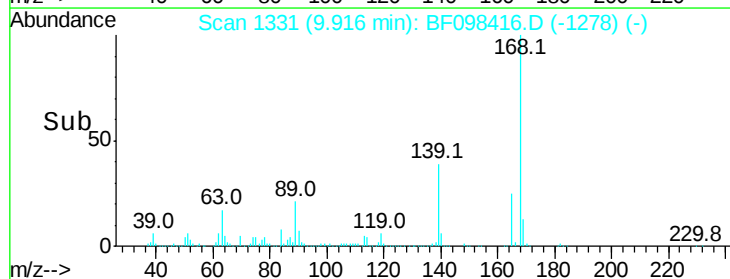
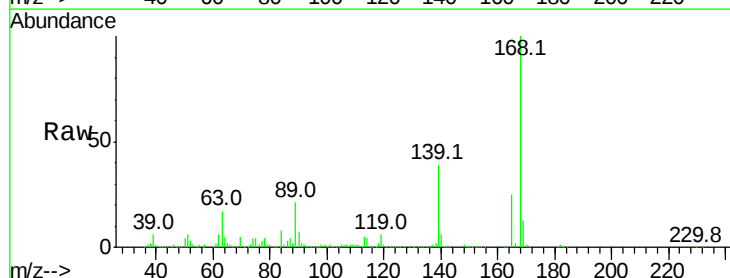
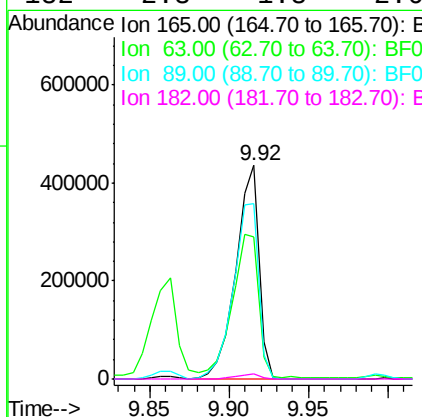
Manual Integrations
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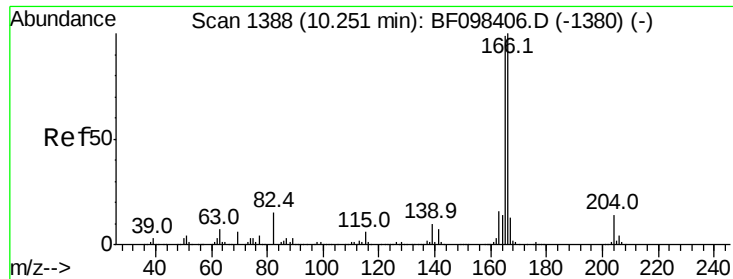
Sohil
9/12/2017 6:02:08 PM



#56
2,4-Dinitrotoluene
Concen: 49.549 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.6	25.4	38.0	
89	82.2	46.4	69.6	
182	2.3	1.8	2.6	





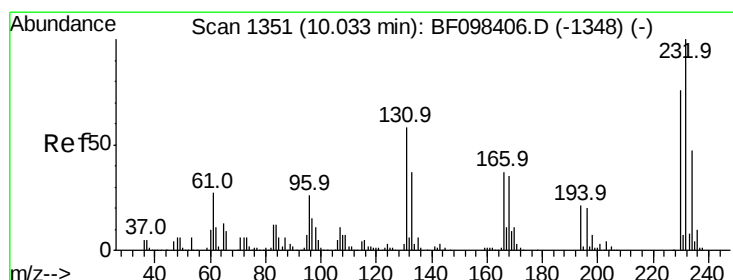
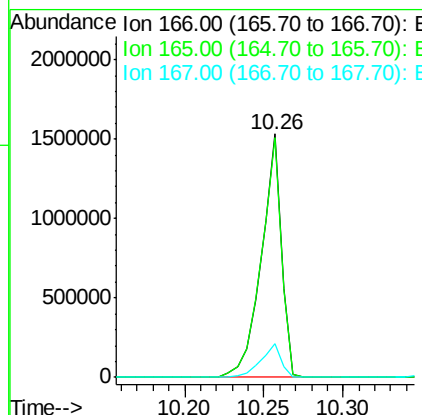
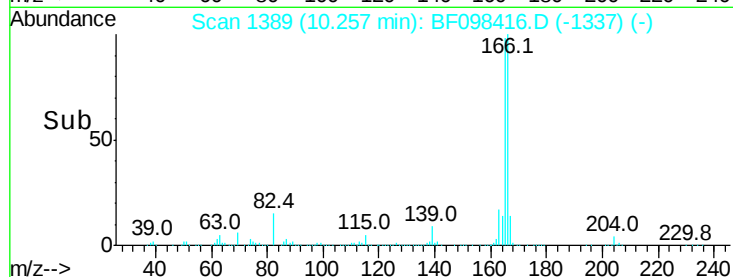
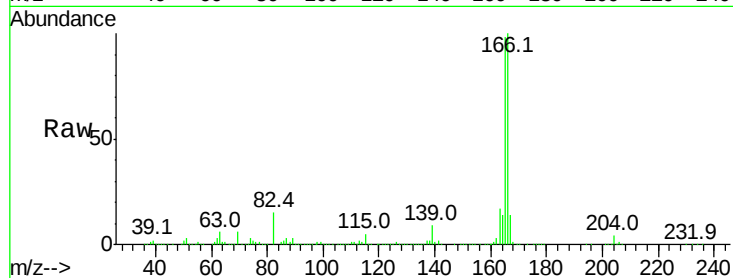
#57
 Fluorene
 Concen: 44.996 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion:166 Resp: 1364930
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.8 118.2
 167 13.7 10.6 16.0

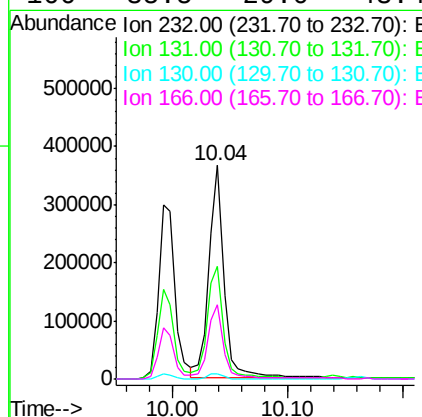
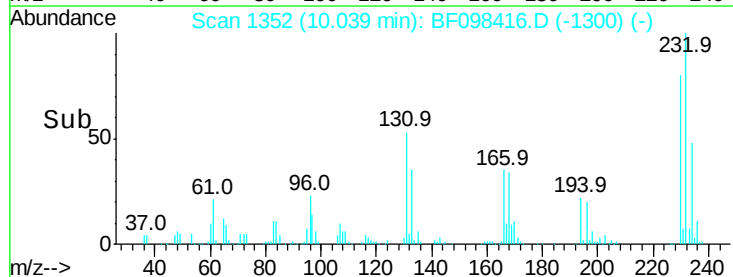
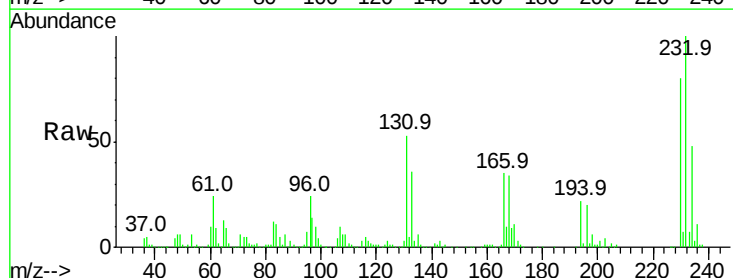
Manual Integrations
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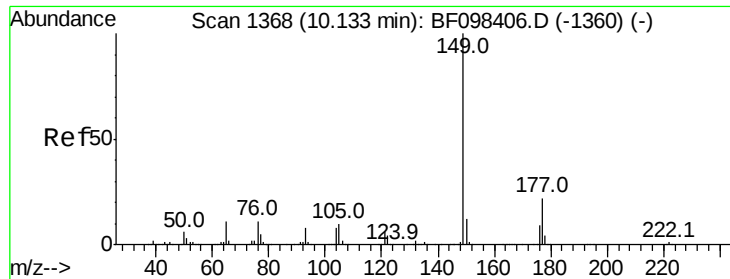
Sohil
 9/12/2017 6:02:08 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.148 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion:232 Resp: 338200
 Ion Ratio Lower Upper
 232 100
 131 55.0 44.8 67.2
 130 2.9 2.3 3.5
 166 35.5 29.0 43.4





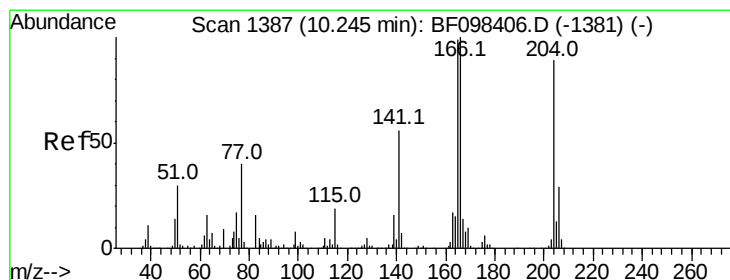
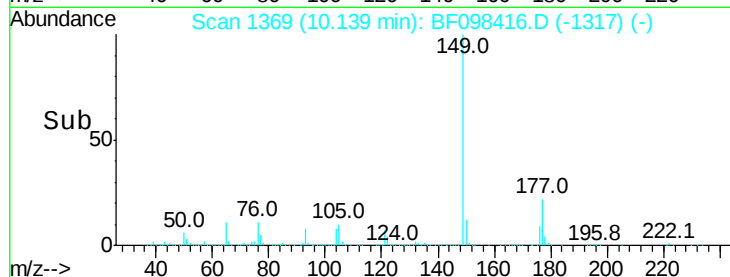
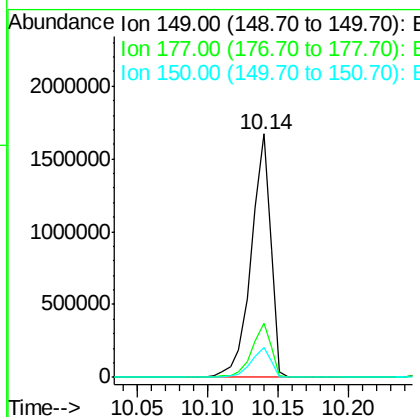
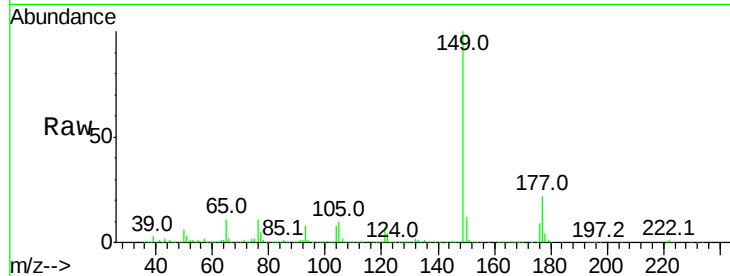
#59
Diethylphthalate
Concen: 47.956 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion:149 Resp: 1625620
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.4 10.2 15.2

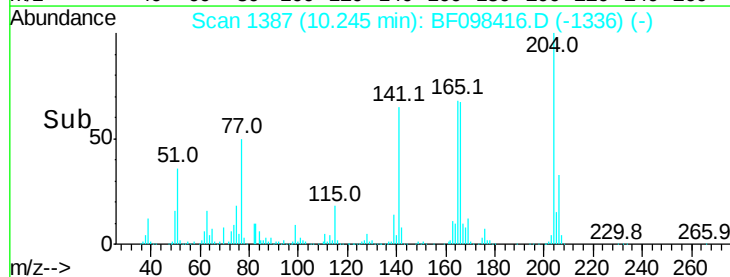
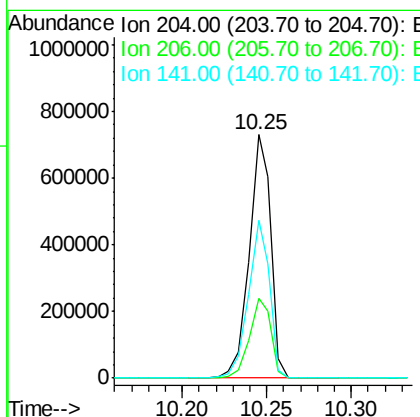
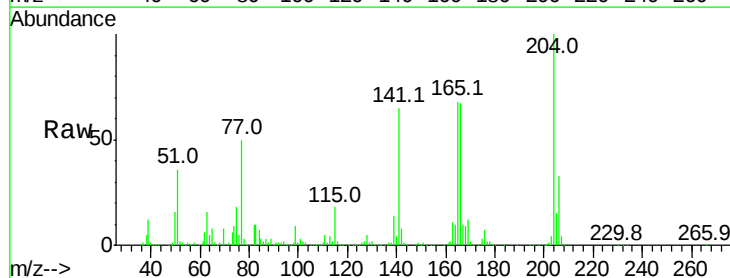
Manual Integrations
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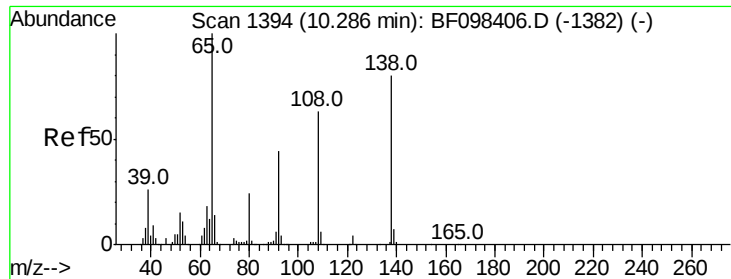
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 46.626 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion:204 Resp: 653281
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 64.9 60.8 91.2





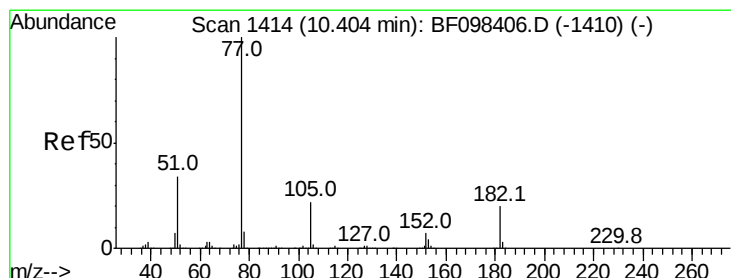
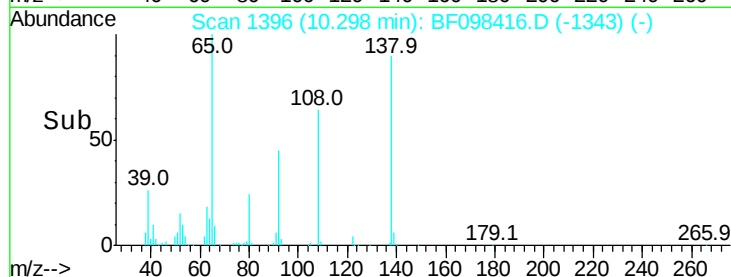
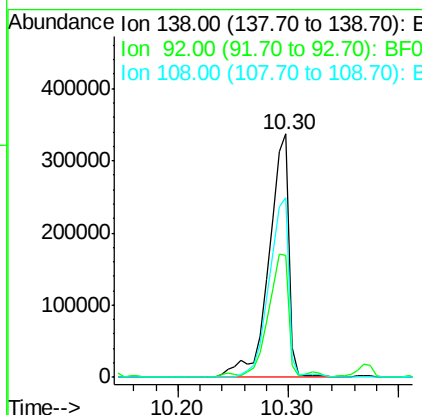
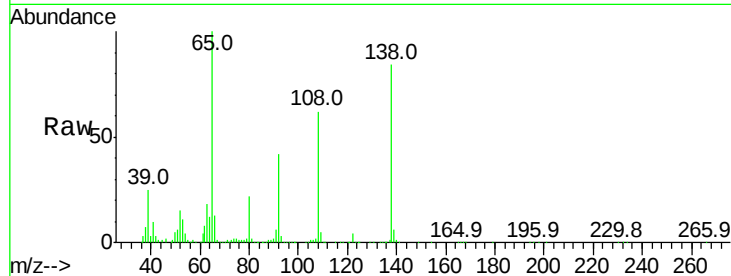
#61
4-Nitroaniline
Concen: 47.888 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	21.8	61.8
108	73.7	42.3	82.3

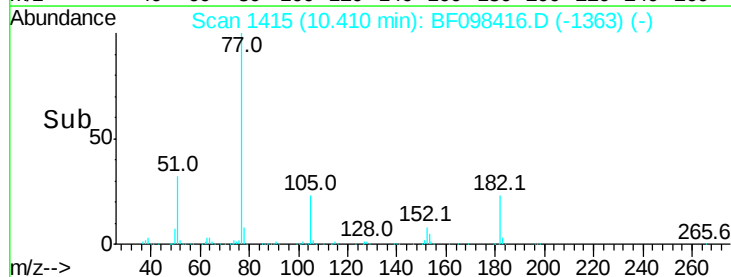
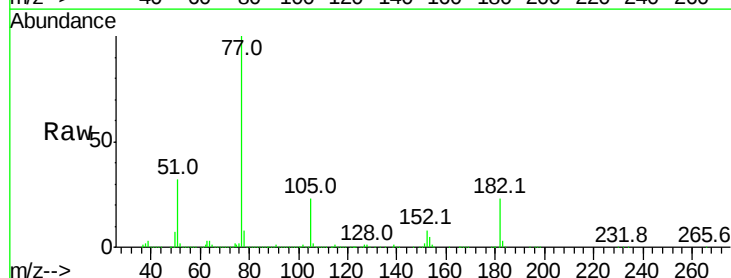
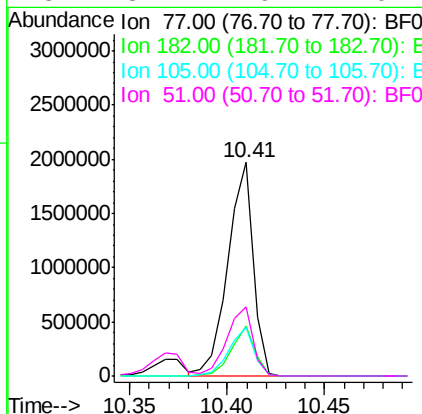
Manual Integrations
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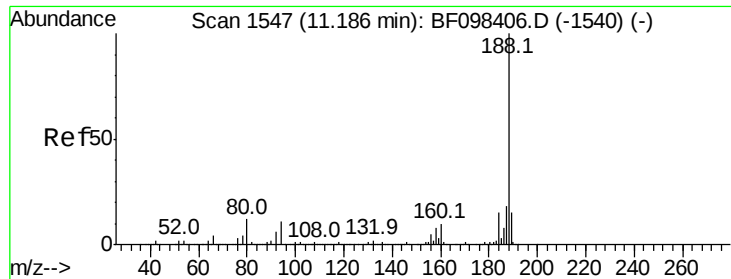
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#62
Azobenzene
Concen: 48.554 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	0.1	40.1
105	22.9	3.6	43.6
51	32.1	9.4	49.4





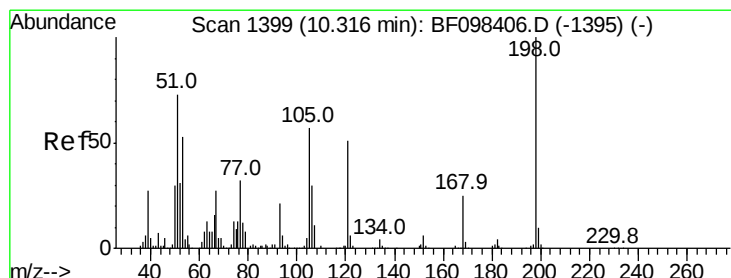
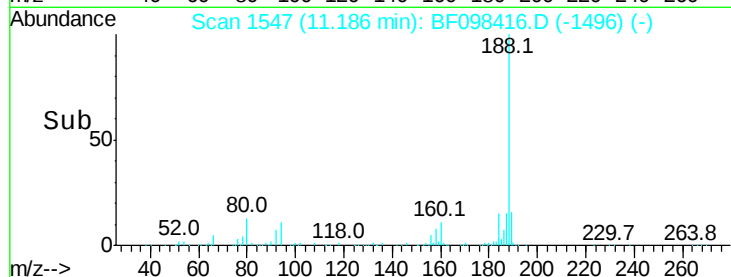
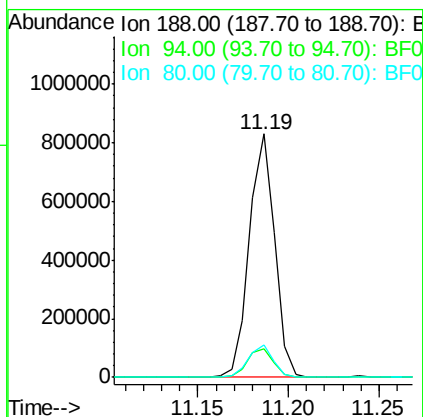
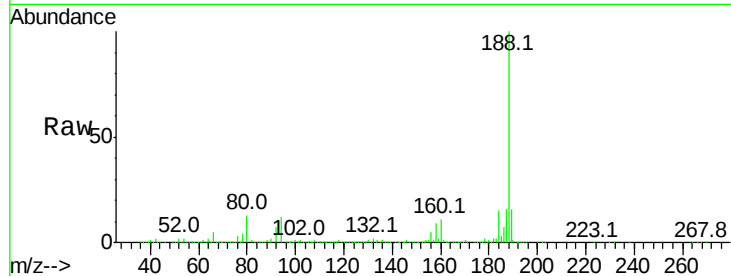
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	809116		
94	11.8		9.4	14.2
80	13.2		10.2	15.2

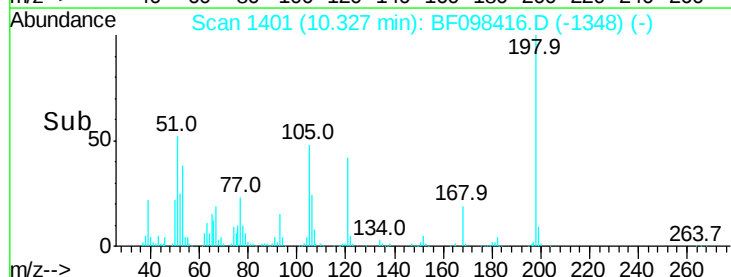
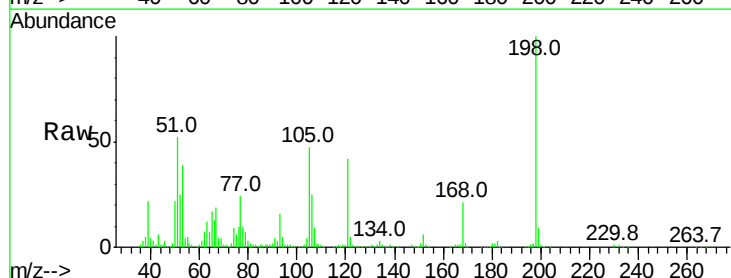
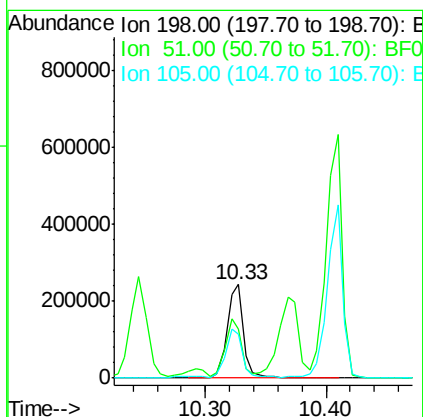
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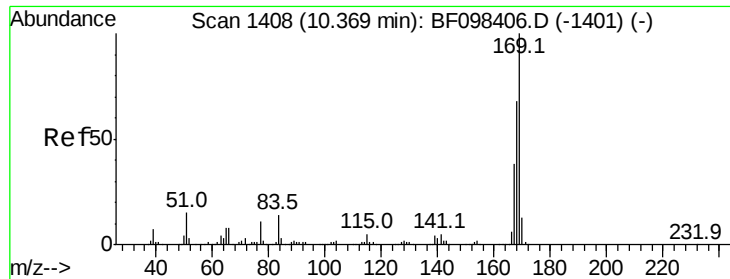
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.302 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	228815		
51	52.1		53.2	93.2#
105	47.4		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 50.429 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:169 Resp: 1324891

Ion Ratio Lower Upper

169 100

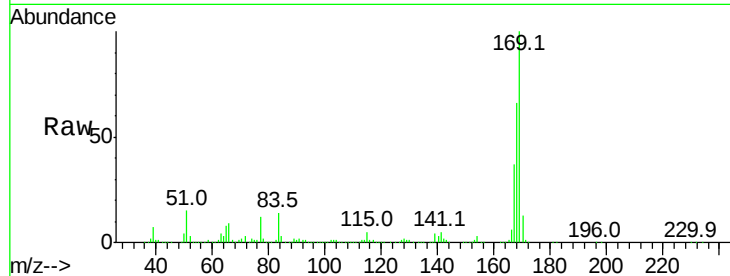
168 66.5 53.2 79.8

167 37.0 29.5 44.3

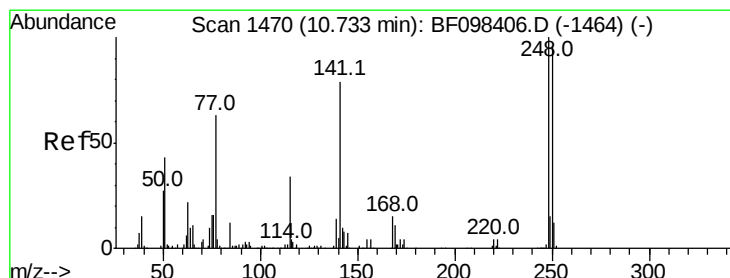
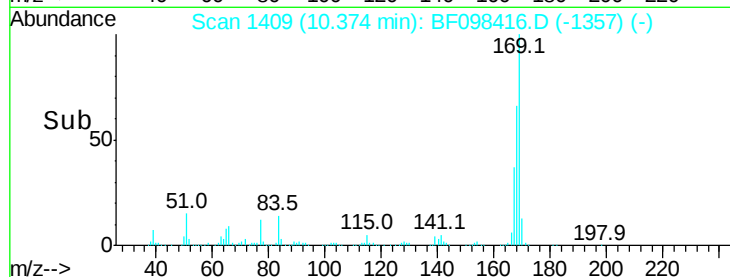
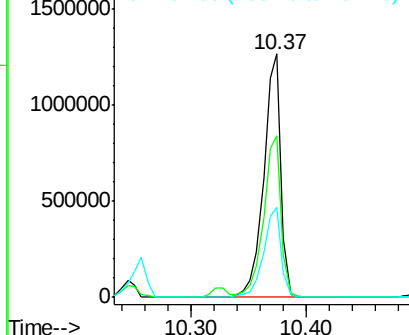
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.173 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

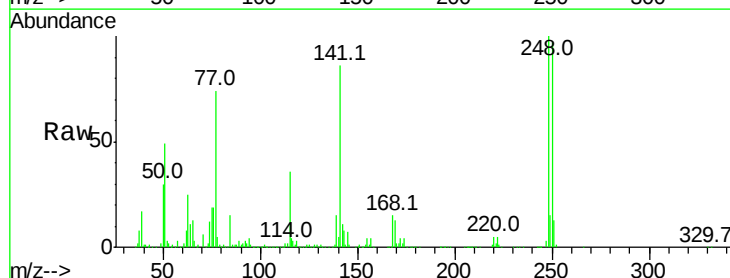
Tgt Ion:248 Resp: 400649

Ion Ratio Lower Upper

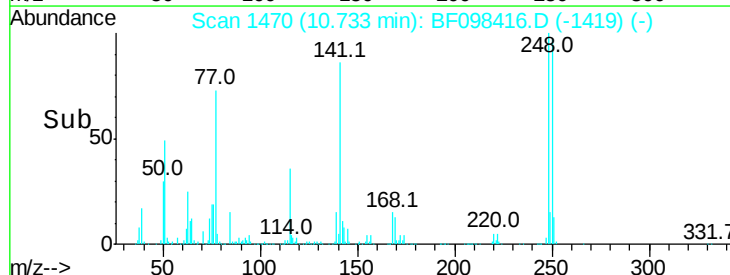
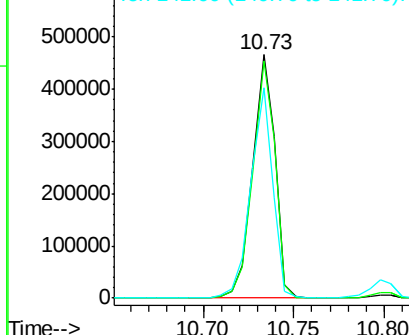
248 100

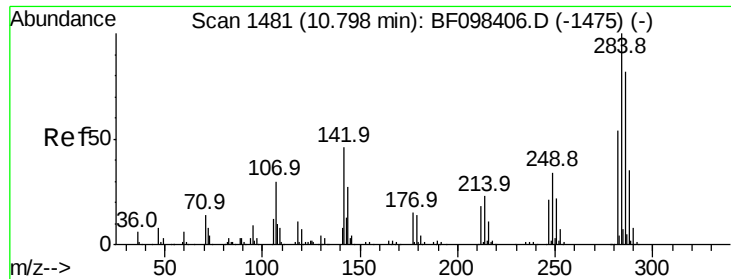
250 97.2 76.8 115.2

141 86.4 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





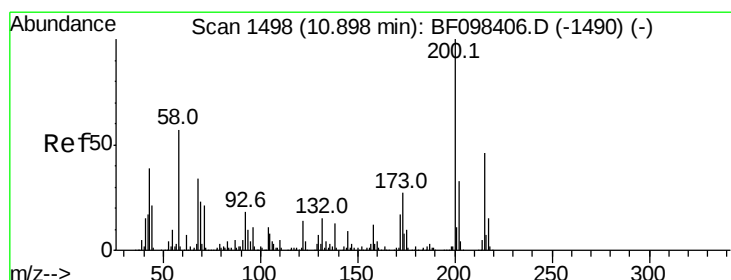
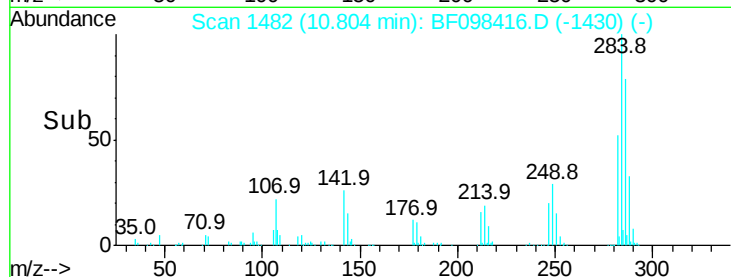
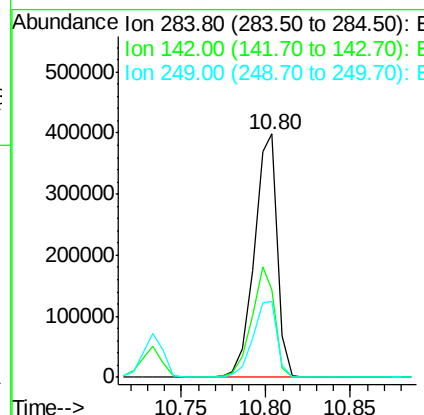
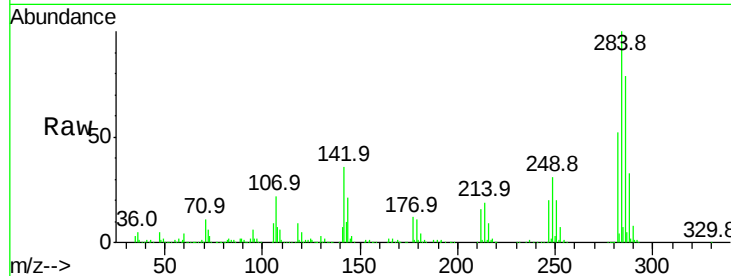
#67
Hexachlorobenzene
Concen: 48.588 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.8	22.8	34.2	
249	31.3	24.0	36.0	

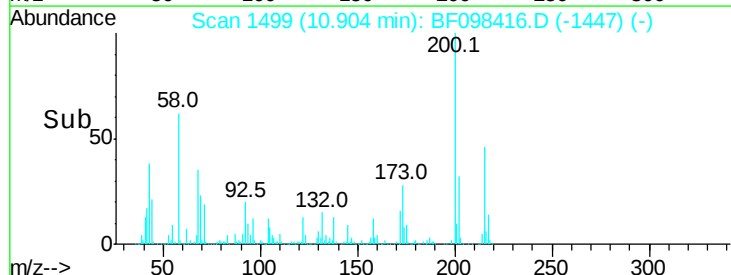
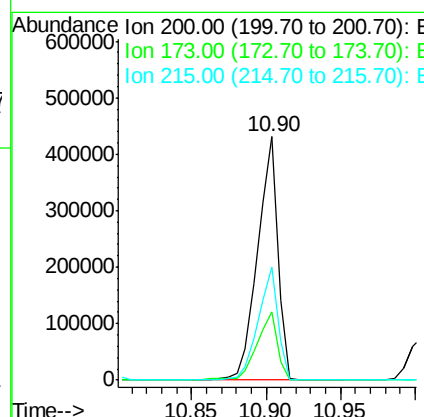
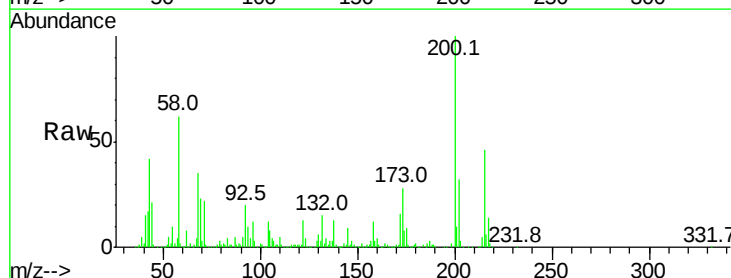
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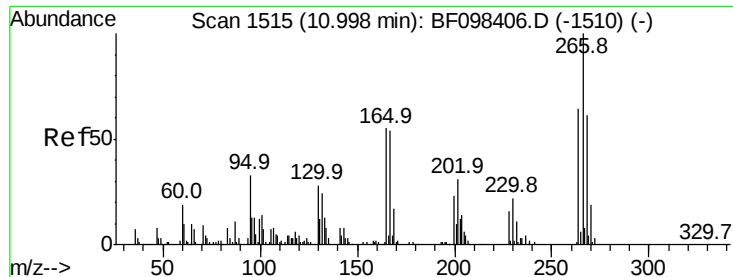
Sohil
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#68
Atrazine
Concen: 49.755 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.9	6.3	46.3	
215	46.3	27.2	67.2	





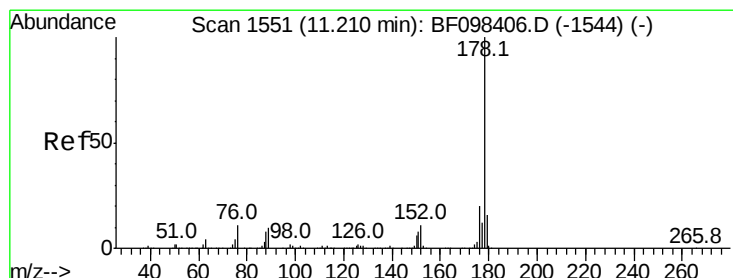
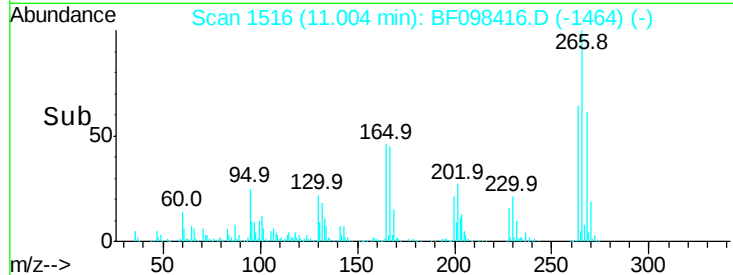
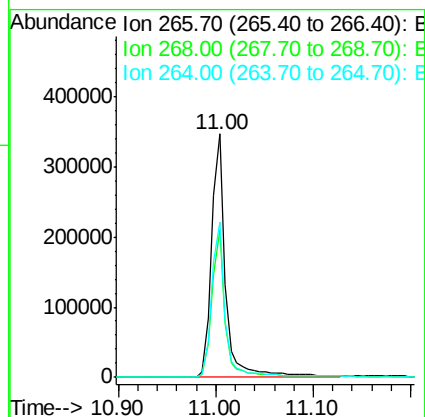
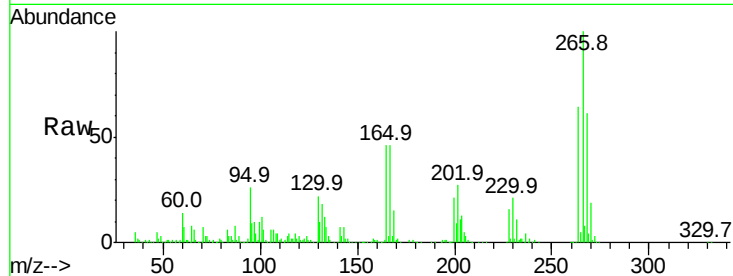
#69
 Pentachlorophenol
 Concen: 99.570 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	349731		
268	60.6	51.1	76.7	
264	63.7	51.7	77.5	

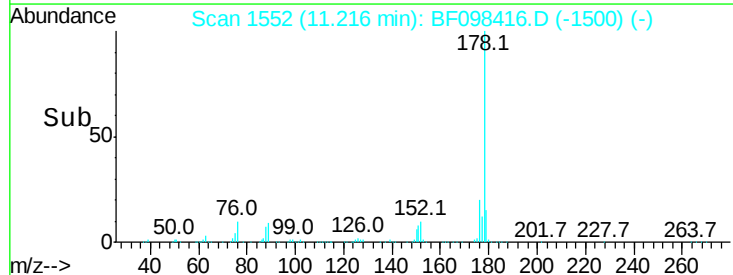
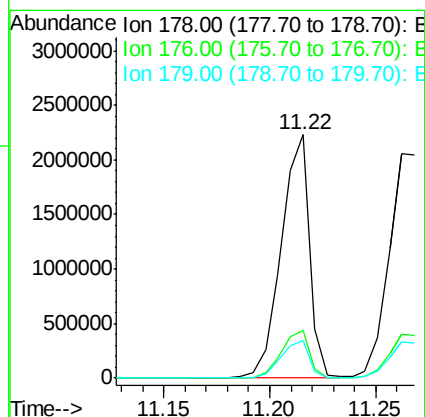
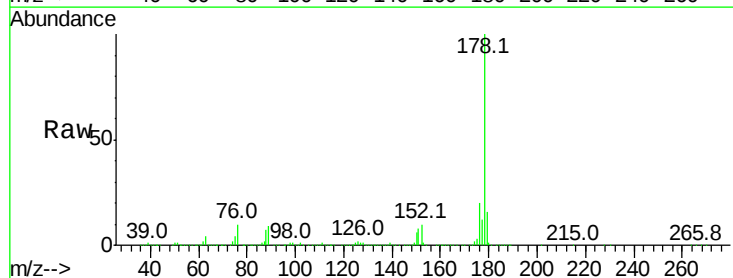
Manual Integrations
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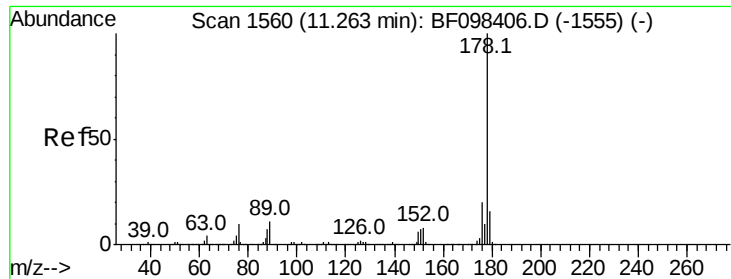
Sohil
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#70
 Phenanthrene
 Concen: 48.452 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2078282		
176	19.8	16.2	24.4	
179	15.7	12.6	19.0	





#71

Anthracene

Concen: 48.700 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:178 Resp: 2144678

Ion Ratio Lower Upper

178 100

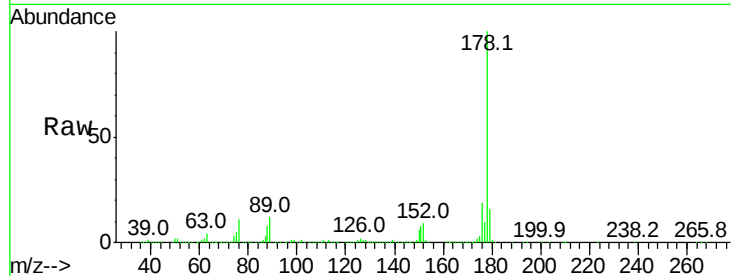
176 19.3 15.8 23.8

179 16.0 12.7 19.1

Manual Integrations
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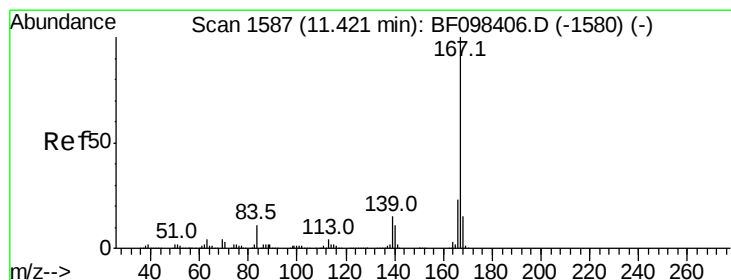
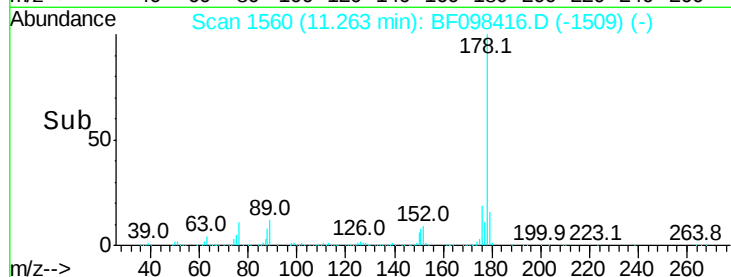
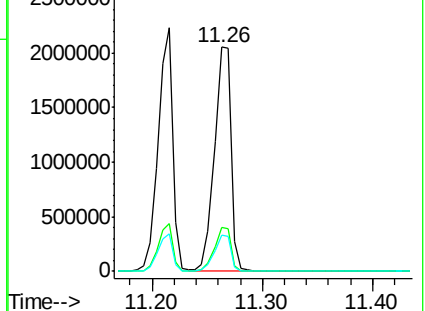
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.254 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

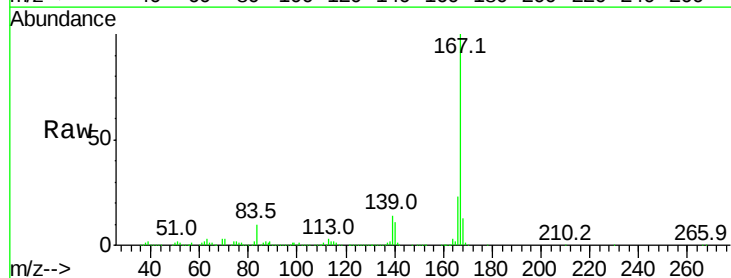
Tgt Ion:167 Resp: 1939414

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

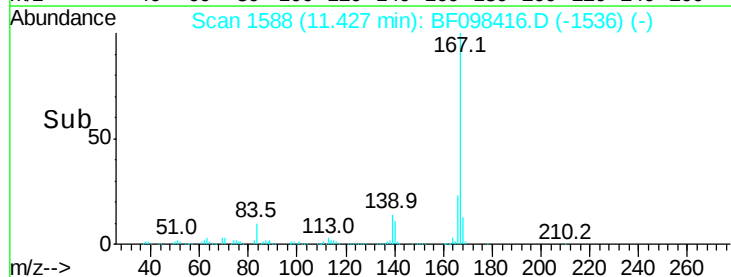
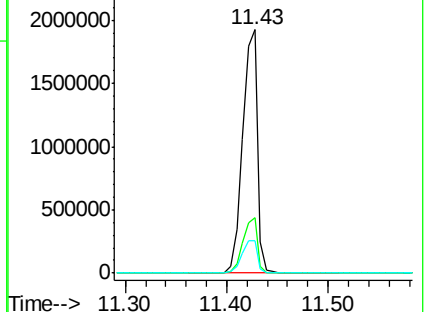
139 13.6 11.7 17.5

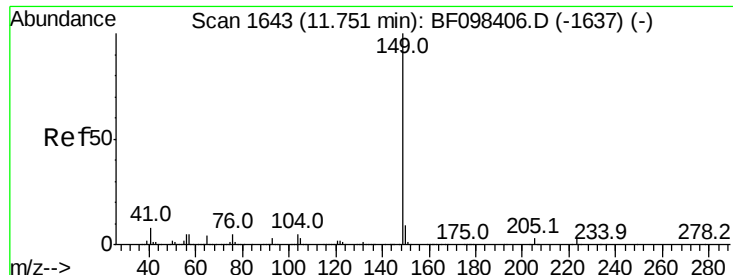


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.368 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:149 Resp: 2378506

Ion Ratio Lower Upper

149 100

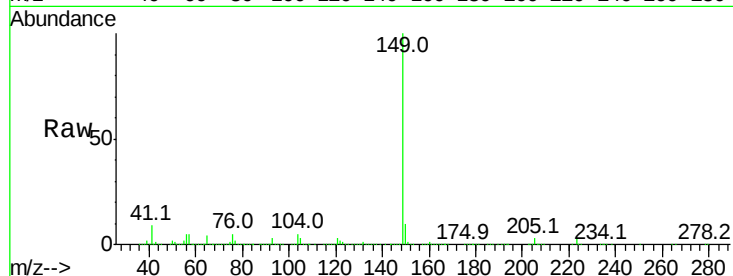
150 9.5 7.7 11.5

104 5.4 4.0 6.0

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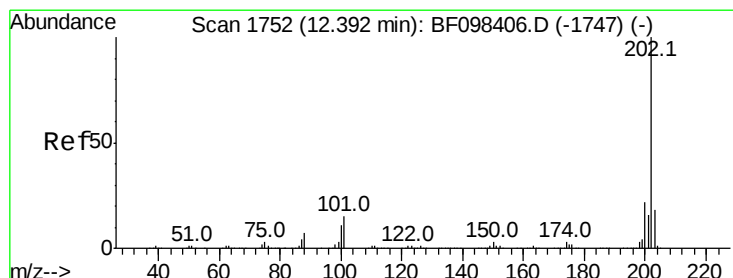
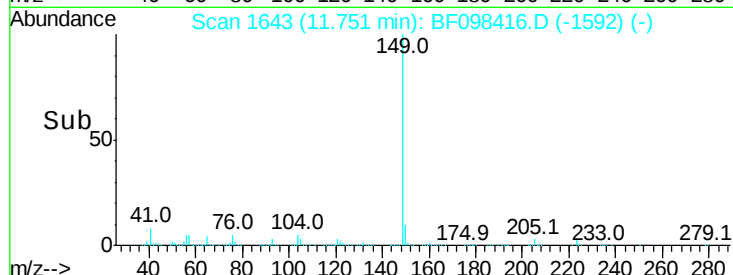
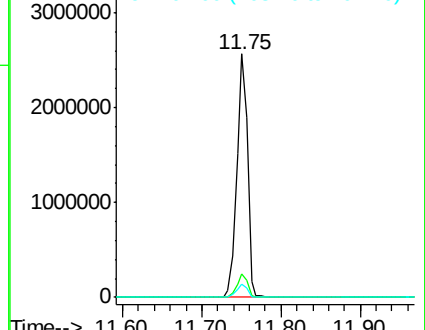
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.356 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

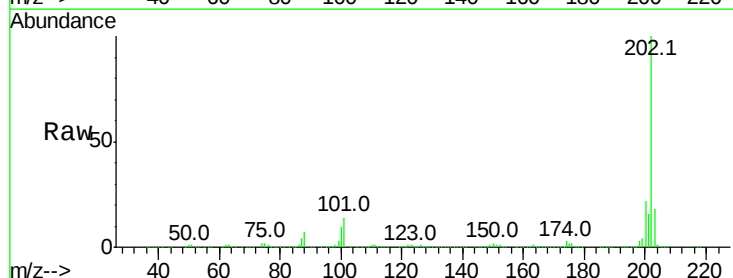
Tgt Ion:202 Resp: 1990520

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

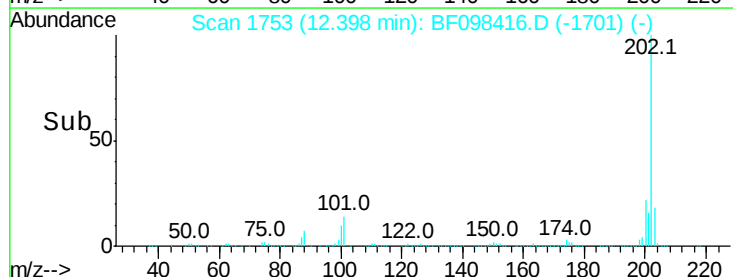
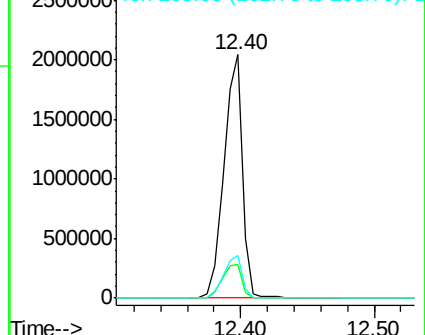
203 17.7 0.0 38.1

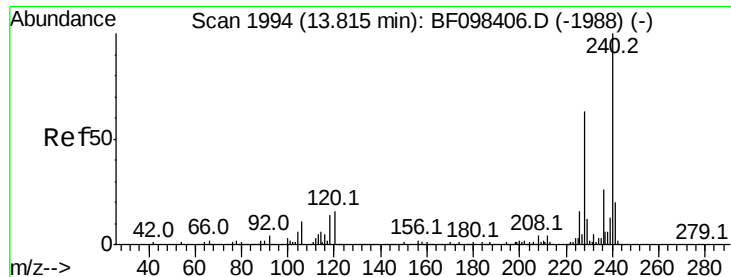


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1995

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:240 Resp: 446228

Ion Ratio Lower Upper

240 100

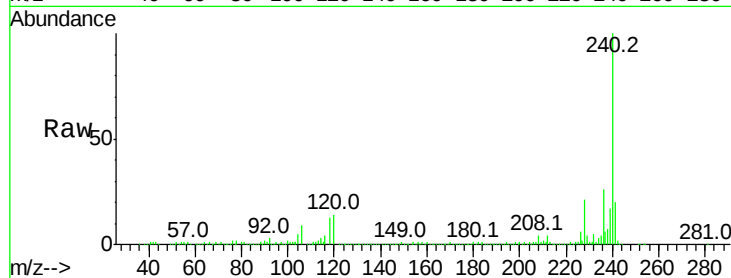
120 13.7 5.8 8.8#

236 26.4 20.5 30.7

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

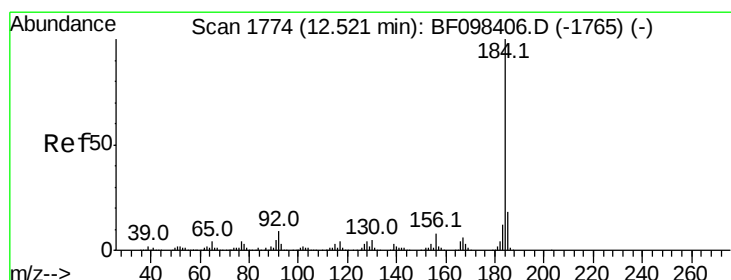
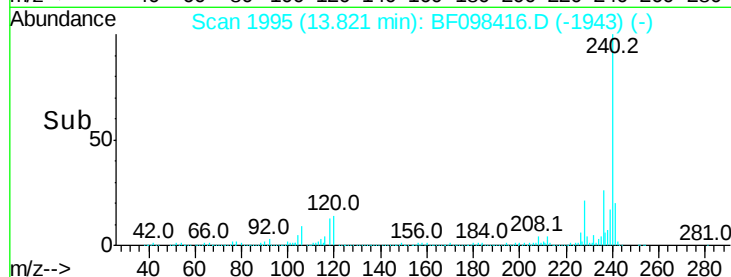
13.82

400000

200000

0

Time-->



#76

Benzidine

Concen: 42.709 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

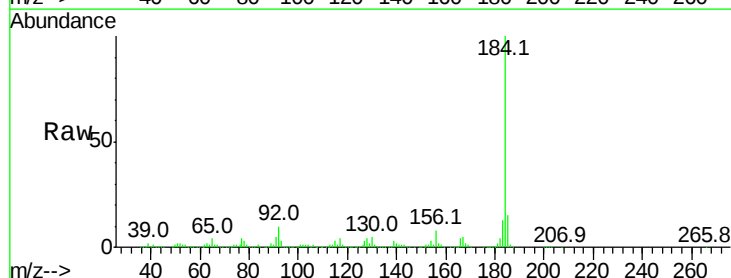
Tgt Ion:184 Resp: 843445

Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

183 12.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.52

1200000

1000000

800000

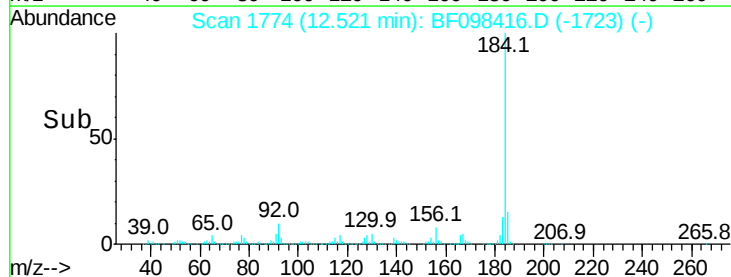
600000

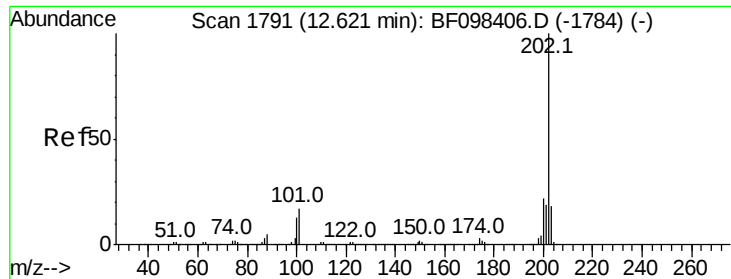
400000

200000

0

Time-->





#77

Pvrene

Concen: 57.188 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:202 Resp: 2013091

Ion Ratio Lower Upper

202 100

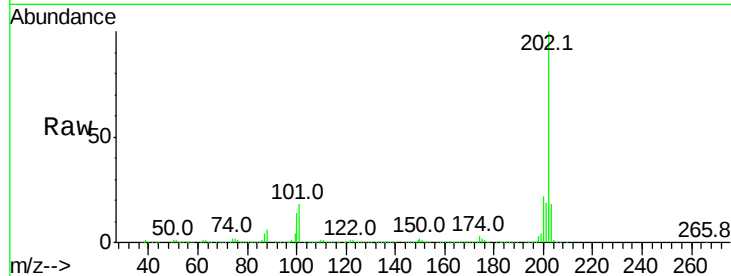
200 22.0 17.6 26.4

203 17.9 14.4 21.6

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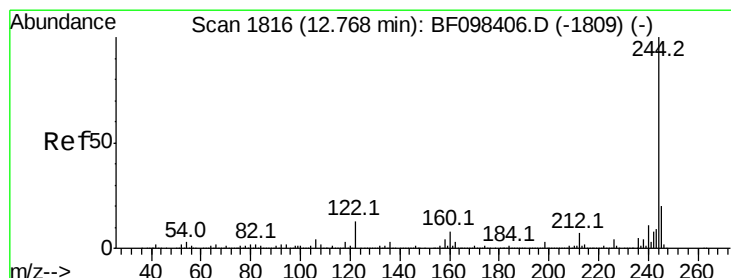
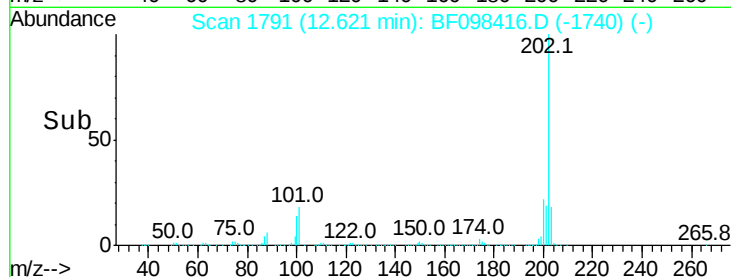
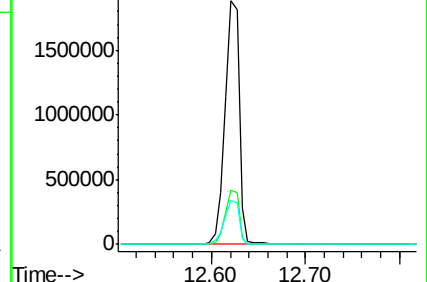
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.926 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

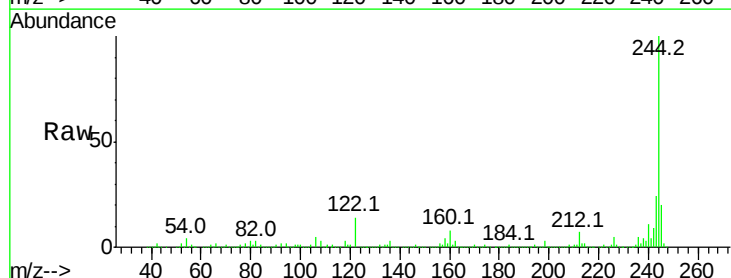
Tgt Ion:244 Resp: 1817732

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

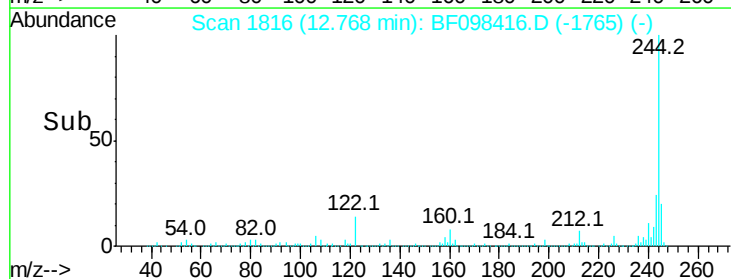
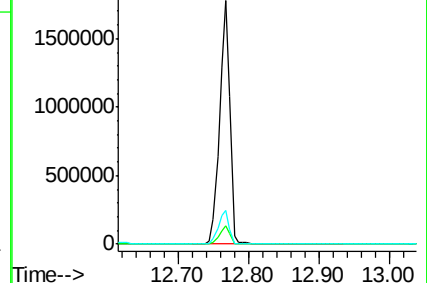
122 13.6 10.3 15.5

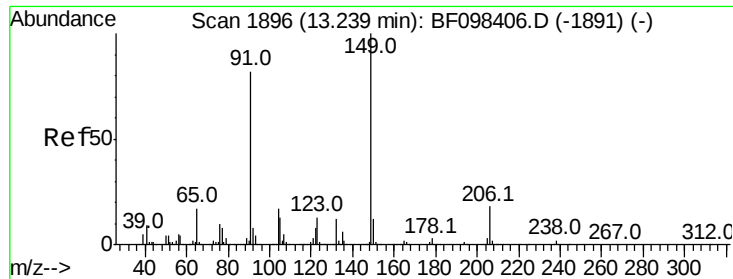


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 58.931 ng

RT: 13.24 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

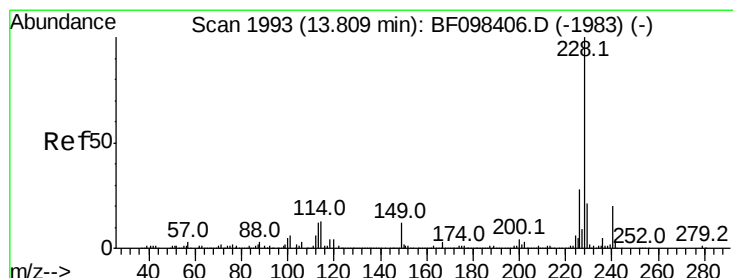
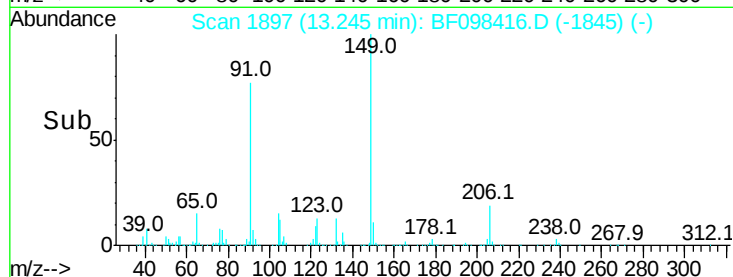
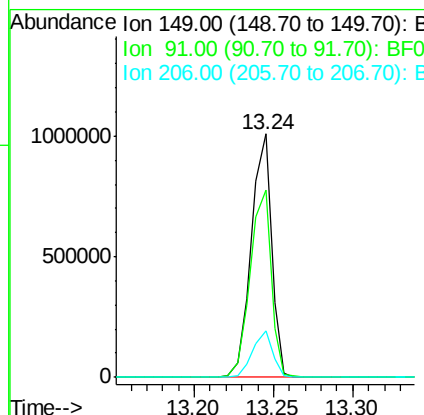
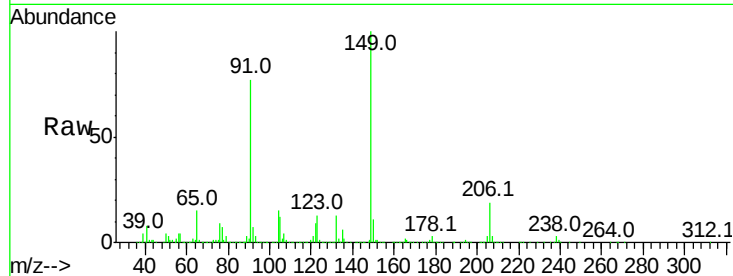
ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:	149	Resp:	899953
Ion Ratio	Lower	Upper	
149	100		
91	76.7	45.0	67.4#
206	19.2	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 49.027 ng

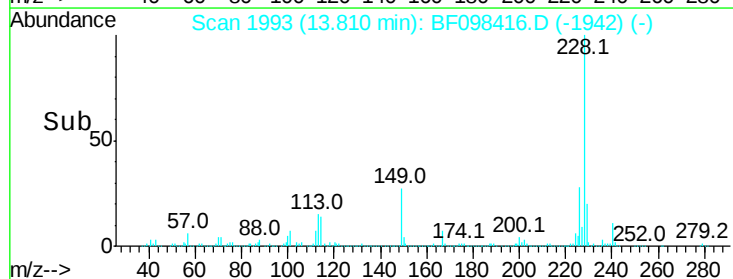
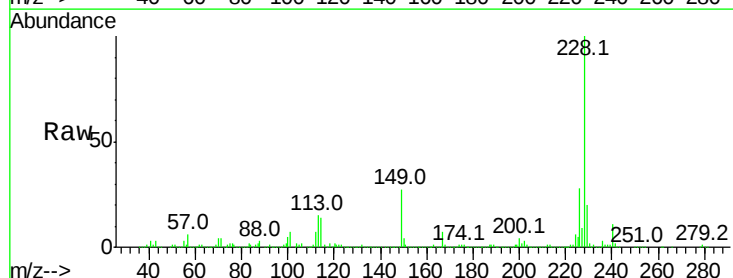
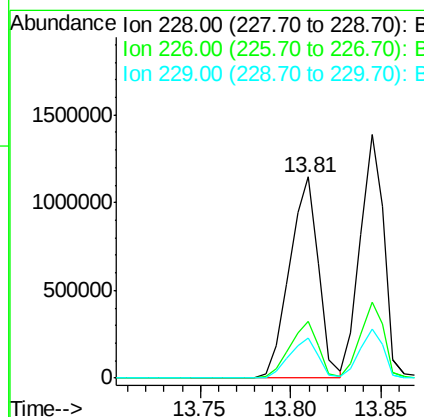
RT: 13.81 min Scan# 1993

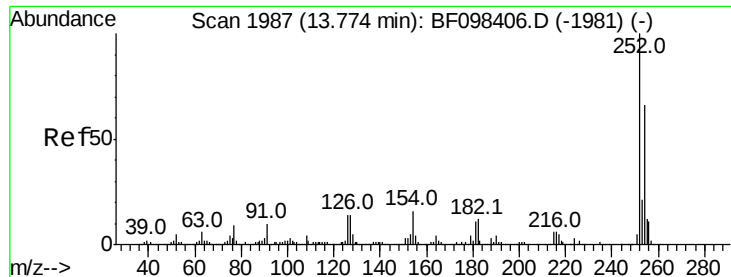
Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Tgt Ion:	228	Resp:	1282633
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	20.0	16.3	24.5





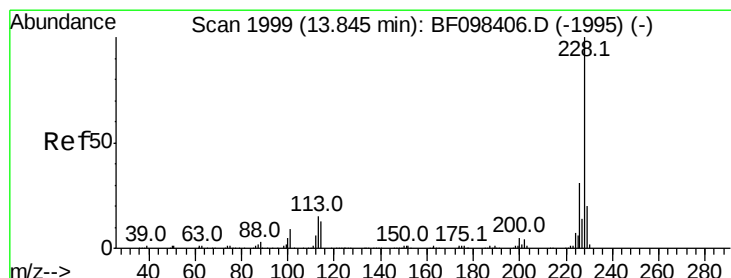
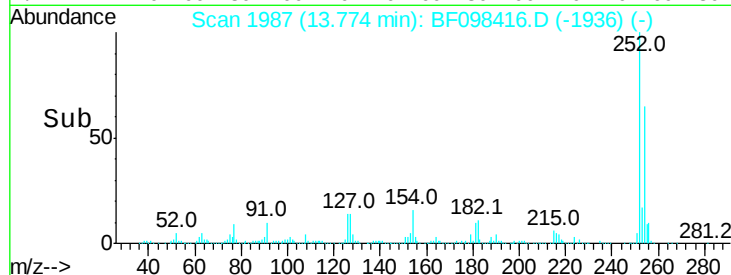
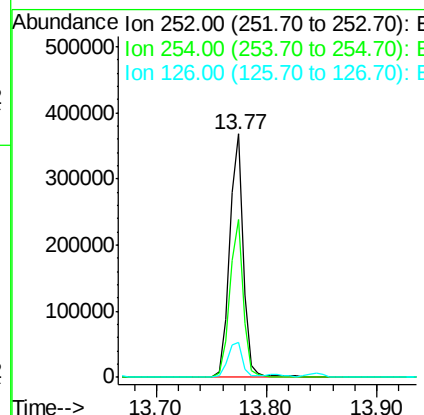
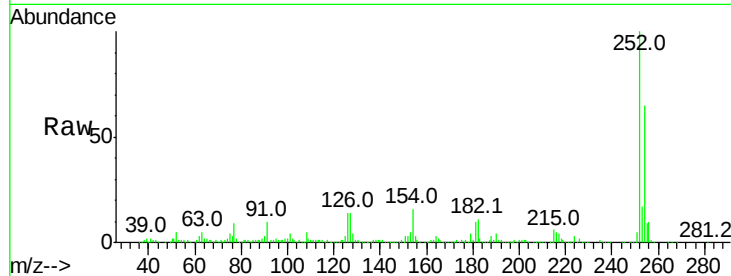
#81
 3,3'-Dichlorobenzidine
 Concen: 31.770 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.7	51.5	77.3	
126	14.5	15.8	23.8	

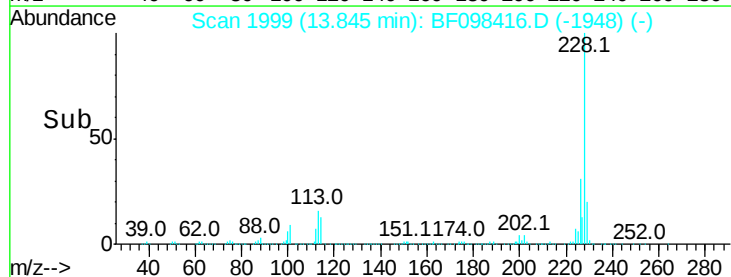
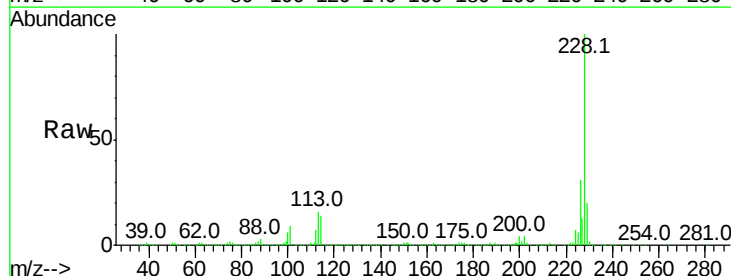
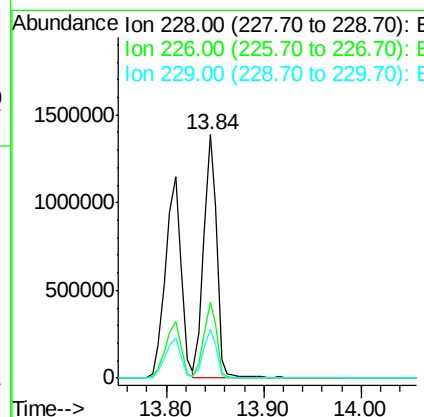
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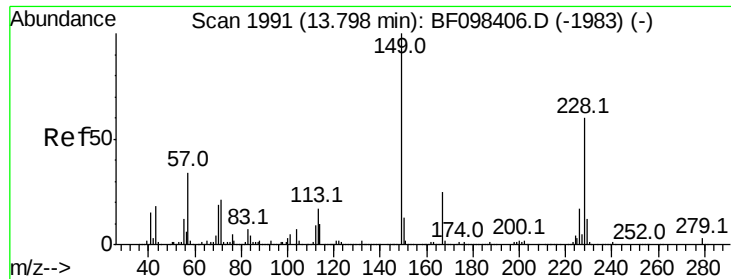
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#82
 Chrysene
 Concen: 48.674 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.2	24.9	37.3	
229	19.9	15.8	23.6	





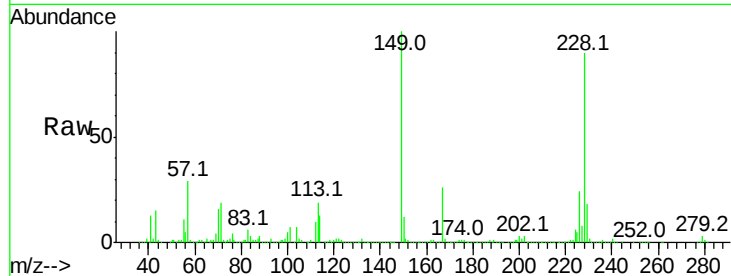
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.131 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

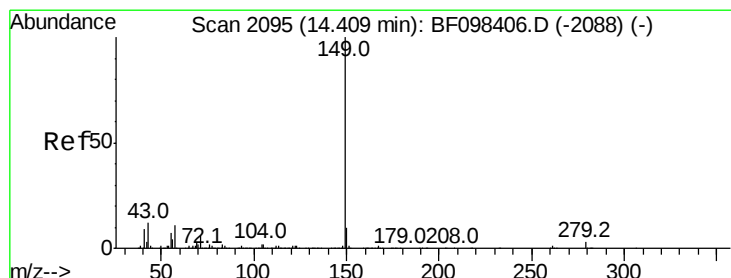
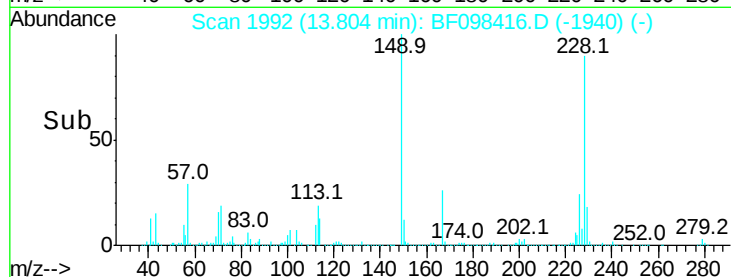
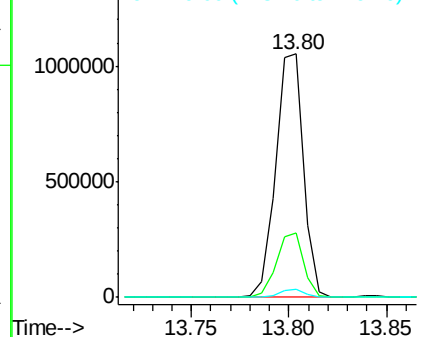
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.3	1.9	2.9

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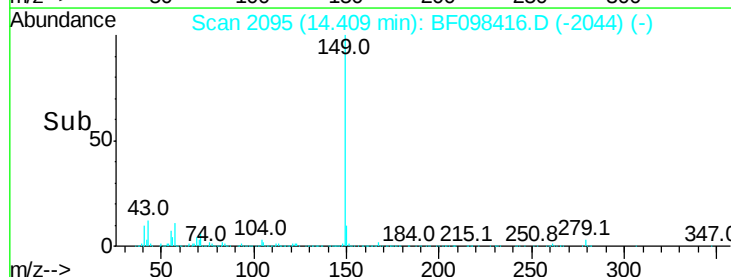
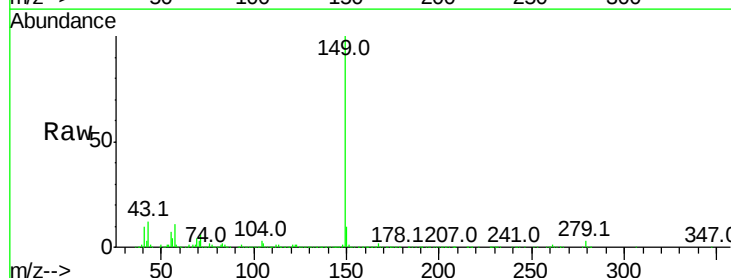
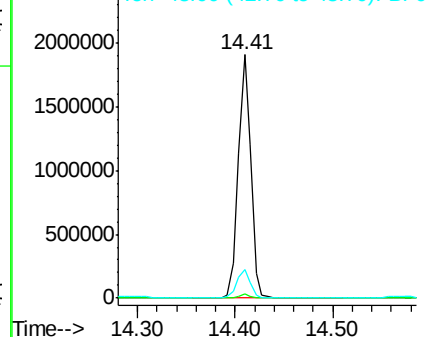
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

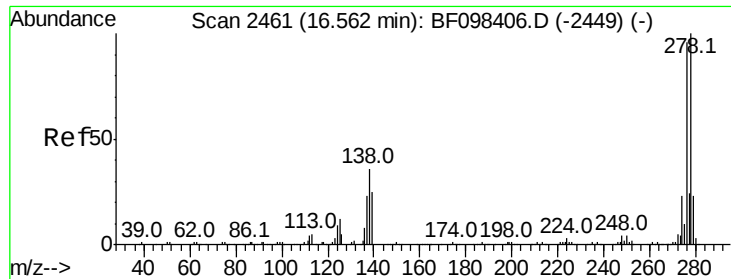


#84
 Di-n-octyl phthalate
 Concen: 51.727 ng
 RT: 14.41 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.8	8.5	12.7

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.246 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:276 Resp: 1117769

Ion Ratio Lower Upper

276 100

138 36.2 27.8 41.6

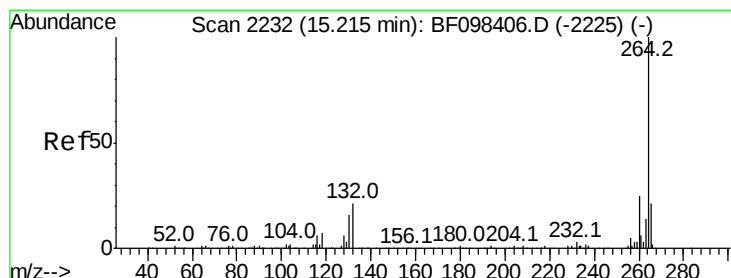
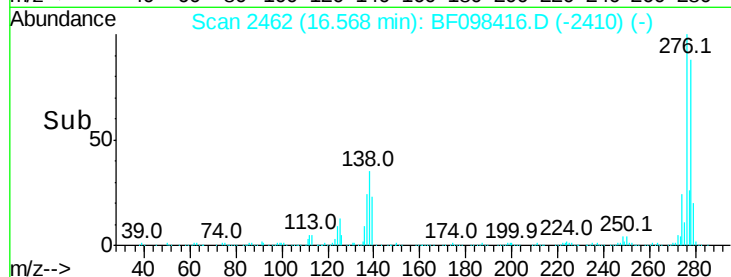
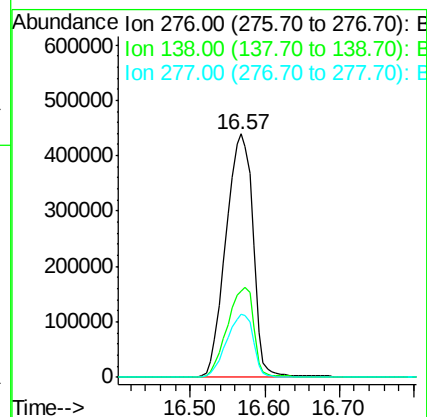
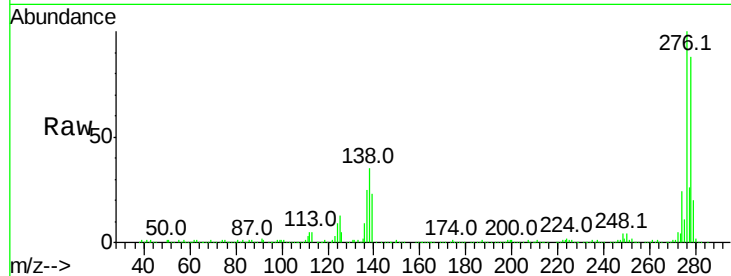
277 25.7 20.2 30.4

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

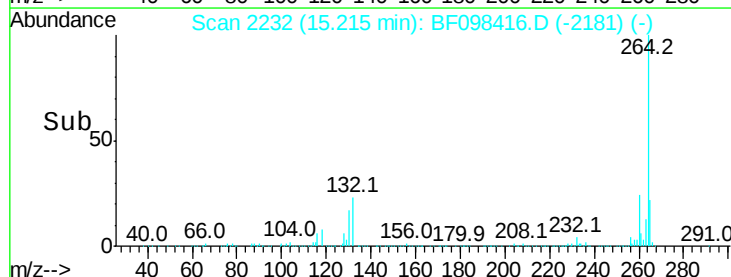
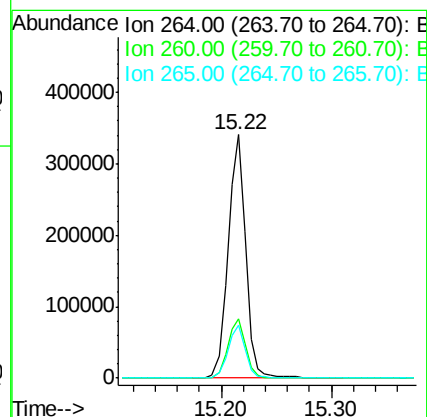
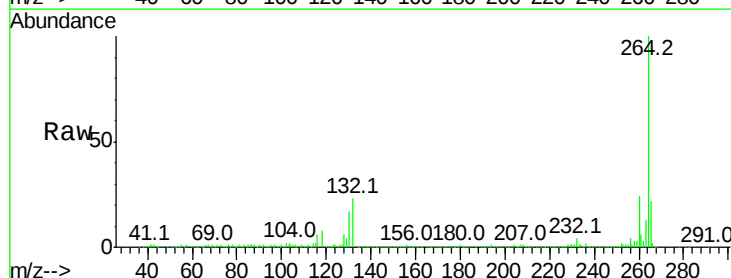
Tgt Ion:264 Resp: 379664

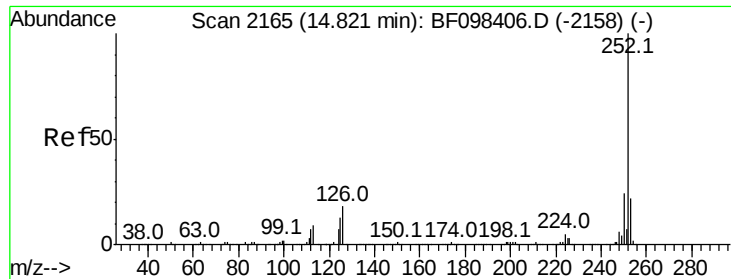
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 50.562 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Instrument :

BNA_F

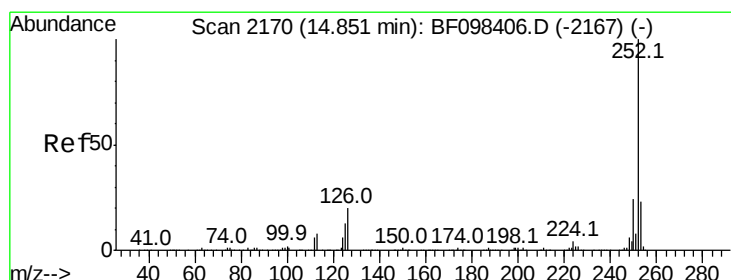
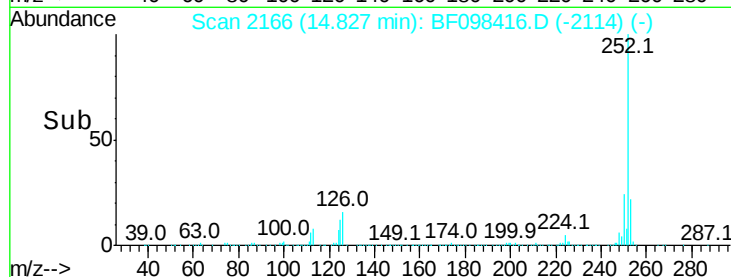
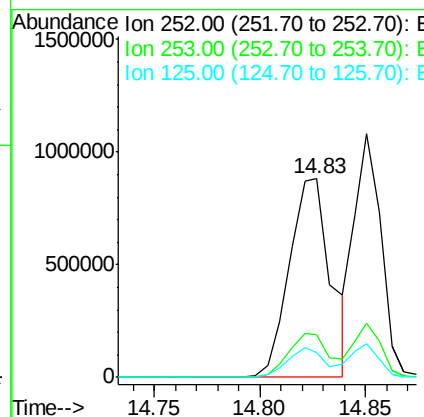
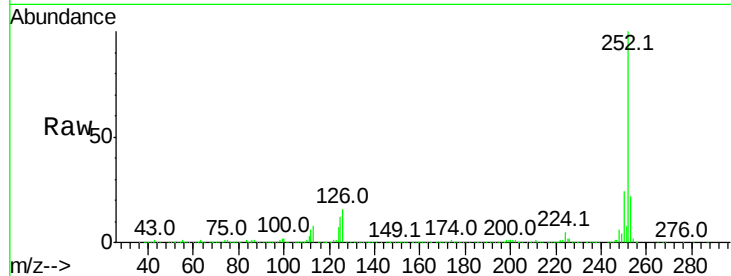
ClientSampleId :

EME-UTS-TS001-01MS

Tot Ion:	252	Resp:	1207033
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	12.5	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.910 ng

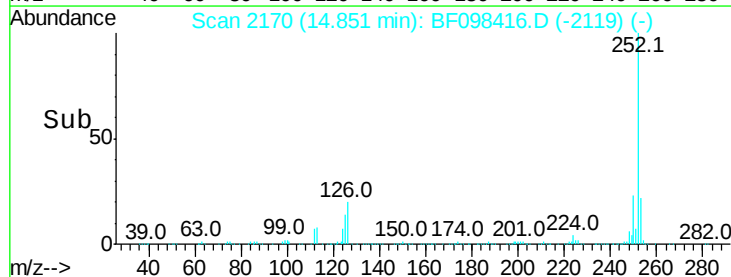
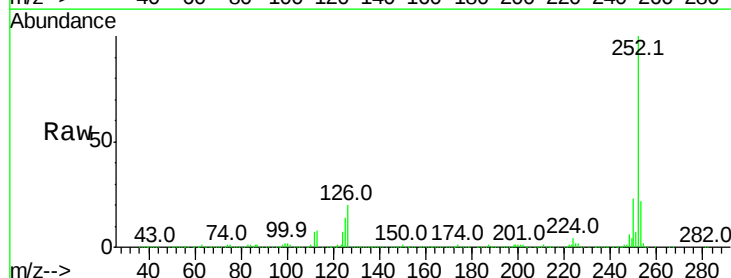
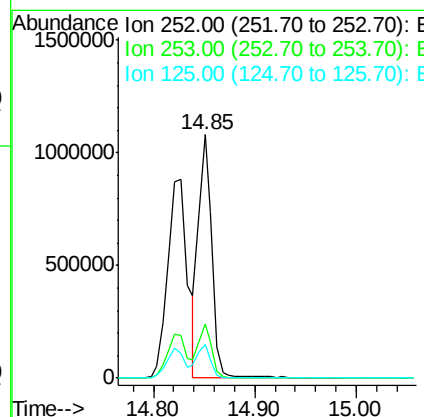
RT: 14.85 min Scan# 2170

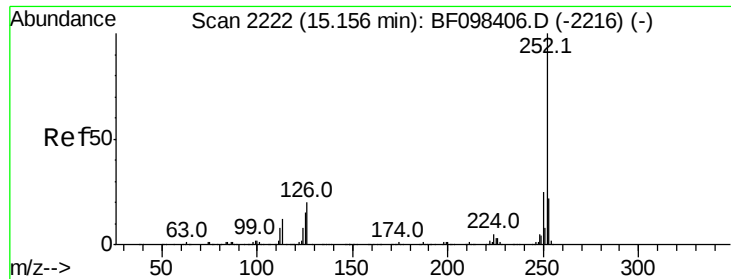
Delta R.T. 0.00 min

Lab File: BF098416.D

Acq: 11 Sep 2017 21:49

Tgt Ion:	252	Resp:	978587
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	14.0	13.1	19.7





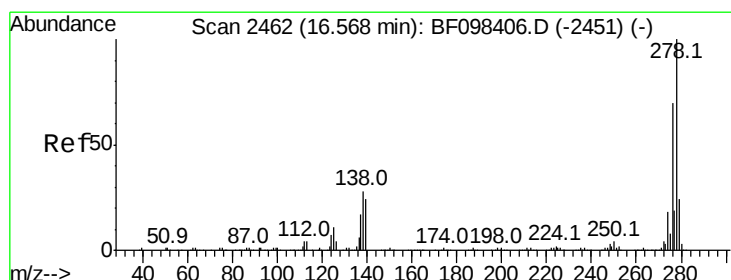
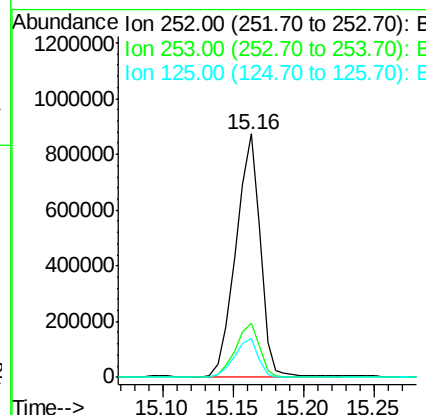
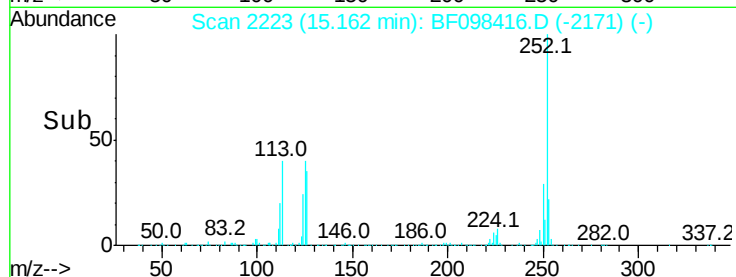
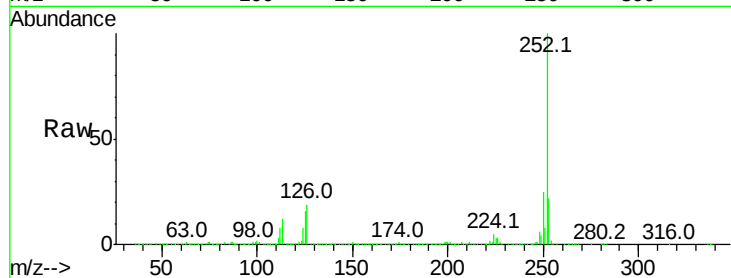
#89
Benzo(a)pyrene
Concen: 49.266 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.7	11.0	16.4

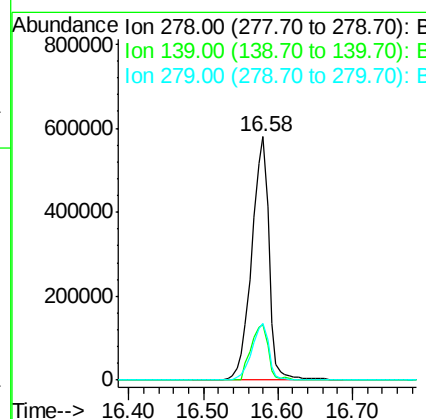
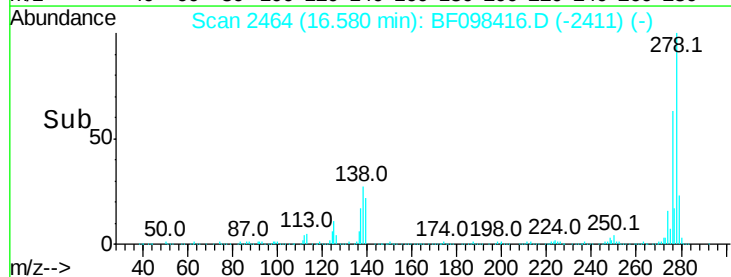
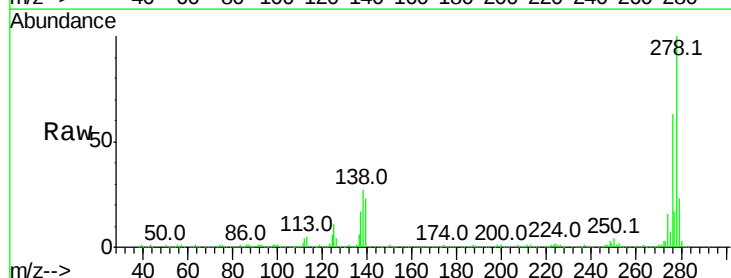
Manual Integrations
APPROVED

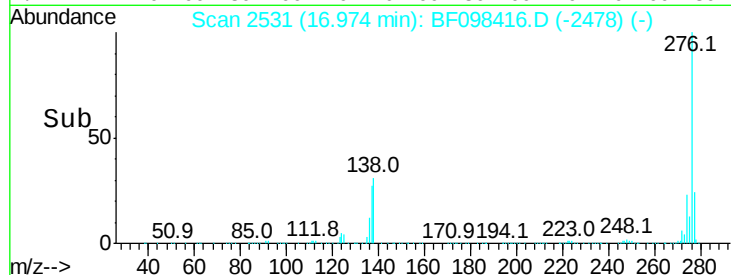
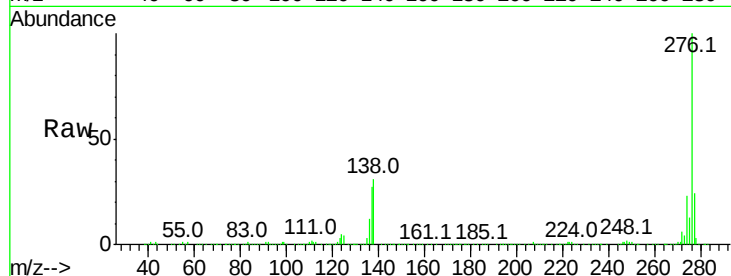
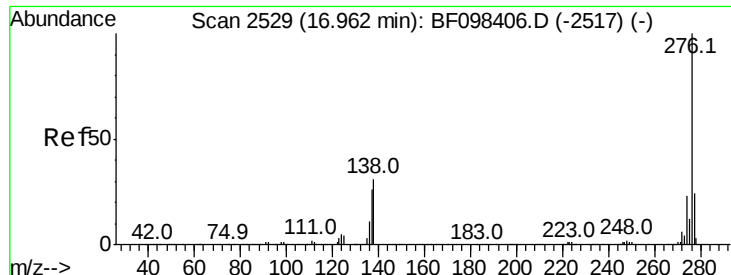
Sohil
9/12/2017 6:02:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.973 ng
RT: 16.58 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BF098416.D
Acq: 11 Sep 2017 21:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	23.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 62.022 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF098416.D
 Acq: 11 Sep 2017 21:49

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	31.0	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:08 PM

