

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114420.D
 Acq On : 19 May 2019 5:23
 Operator : JU/SJ
 Sample : PB119833BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:18:33 PM

Quant Time: May 20 08:56:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	238543	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	893503	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	403806	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	702156	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	426973	20.00	ng	-0.02
87) Perylene-d12	15.46	264	471473	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1503259	101.41	ng	0.00
7) Phenol-d6	6.49	99	1953429	111.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	1225228	76.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	411096	98.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2151247	80.59	ng	-0.02
79) Terphenyl-d14	12.93	244	1755850	84.77	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	216818	26.611	ng	98
3) Pyridine	3.43	79	605130	26.956	ng	96
4) n-Nitrosodimethylamine	3.37	42	323470	29.881	ng	96
6) Aniline	6.50	93	384054	15.165	ng	# 14
8) 2-Chlorophenol	6.63	128	592806	37.461	ng	98
9) Benzaldehyde	6.39	77	244825	19.947	ng	97
10) Phenol	6.50	94	702564	34.066	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	578904	36.973	ng	96
12) 1,3-Dichlorobenzene	6.78	146	609815	34.330	ng	99
13) 1,4-Dichlorobenzene	6.85	146	618504	34.554	ng	99
14) 1,2-Dichlorobenzene	7.01	146	571171	34.927	ng	99
15) Benzyl Alcohol	6.99	79	479798	35.089	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1057091	34.820	ng	68
17) 2-Methylphenol	7.10	107	469291	36.102	ng	# 90
18) Hexachloroethane	7.35	117	228742	34.045	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	414191	37.273	ng	99
20) 3+4-Methylphenols	7.26	107	602233	40.098	ng	# 62
22) Acetophenone	7.25	105	784125	39.614	ng	# 90
24) Nitrobenzene	7.42	77	623888	38.474	ng	96
25) Isophorone	7.66	82	1147545	38.863	ng	99
26) 2-Nitrophenol	7.74	139	316434	40.221	ng	95
27) 2,4-Dimethylphenol	7.77	122	518439	41.957	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	738058	38.523	ng	99
29) 2,4-Dichlorophenol	7.98	162	485731	39.478	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	517295	36.973	ng	99
31) Naphthalene	8.14	128	1633418	39.136	ng	99
32) Benzoic acid	7.90	122	192329	25.657	ng	97
33) 4-Chloroaniline	8.19	127	207537	10.912	ng	99
34) Hexachlorobutadiene	8.25	225	287651	36.133	ng	99
35) Caprolactam	8.56	113	167223m	41.681	ng	
36) 4-Chloro-3-methylphenol	8.69	107	497724	40.188	ng	94
37) 2-Methylnaphthalene	8.83	142	1105969	41.071	ng	98
38) 1-Methylnaphthalene	8.93	142	1048078	41.330	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	502061	41.044	ng	100

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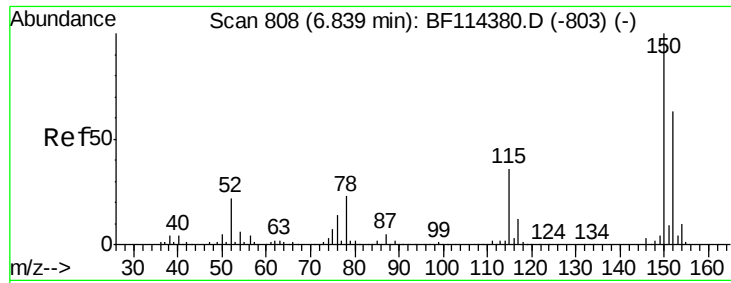
Manual Integrations
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 5/21/2019 7:18:33 PM

Quant Time: May 20 08:56:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	148420	28.961	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	315073	37.448	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	329412	38.177	ng	98
46) 1,1'-Biphenyl	9.29	154	1339977	41.076	ng	99
47) 2-Chloronaphthalene	9.32	162	1034541	39.405	ng	99
48) 2-Nitroaniline	9.42	65	344699	37.021	ng	98
49) Acenaphthylene	9.73	152	1605757	40.214	ng	98
50) Dimethylphthalate	9.59	163	1201047	40.517	ng	100
51) 2,6-Dinitrotoluene	9.66	165	265982	40.455	ng	91
52) Acenaphthene	9.90	154	941379	38.419	ng	98
53) 3-Nitroaniline	9.83	138	161557	19.795	ng	98
54) 2,4-Dinitrophenol	9.95	184	86612	30.734	ng	99
55) Dibenzofuran	10.07	168	1365596	38.007	ng	99
56) 4-Nitrophenol	10.00	139	248305	43.020	ng	97
57) 2,4-Dinitrotoluene	10.06	165	317332	35.559	ng	# 85
58) Fluorene	10.42	166	1091241	39.320	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	256815	34.495	ng	100
60) Diethylphthalate	10.29	149	1182881	39.273	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	525882	38.580	ng	96
62) 4-Nitroaniline	10.44	138	249866	29.134	ng	99
63) Azobenzene	10.57	77	1134893	38.928	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	86527	25.646	ng	93
66) n-Nitrosodiphenylamine	10.53	169	962189	45.151	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	328276	42.462	ng	97
68) Hexachlorobenzene	10.97	284	353512	41.334	ng	98
69) Atrazine	11.05	200	280069	42.231	ng	98
70) Pentachlorophenol	11.17	266	206909	51.035	ng	98
71) Phenanthrene	11.38	178	1433228	41.955	ng	98
72) Anthracene	11.43	178	1474410	42.971	ng	98
73) Carbazole	11.59	167	1269810	38.809	ng	99
74) Di-n-butylphthalate	11.91	149	1723922	45.733	ng	100
75) Fluoranthene	12.57	202	1363178	37.056	ng	99
77) Benzidine	12.69	184	362849	18.932	ng	95
78) Pyrene	12.80	202	1367326	39.808	ng	99
80) Butylbenzylphthalate	13.40	149	648547	44.859	ng	99
81) Benzo(a)anthracene	13.99	228	1130077	40.921	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	294330	27.474	ng	# 97
83) Chrysene	14.02	228	1094035	40.412	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	914939	48.388	ng	99
85) Di-n-octyl phthalate	14.57	149	1495143	48.779	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1019025	42.591	ng	99
88) Benzo(b)fluoranthene	15.03	252	1162269	38.479	ng	100
89) Benzo(k)fluoranthene	15.06	252	1166638	42.046	ng	98
90) Benzo(a)pyrene	15.40	252	1125405	42.335	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	854899	38.702	ng	99
92) Benzo(g,h,i)perylene	17.37	276	819036	36.999	ng	98

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



#1

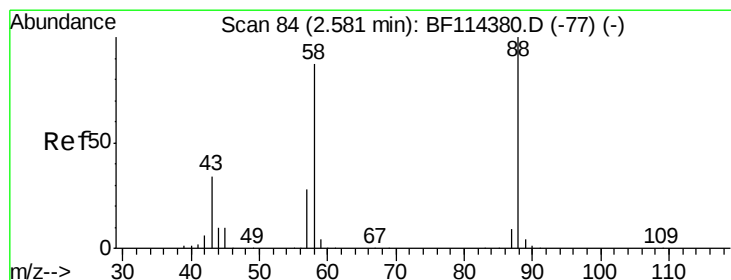
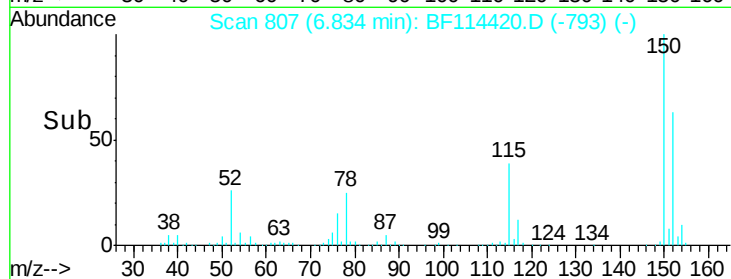
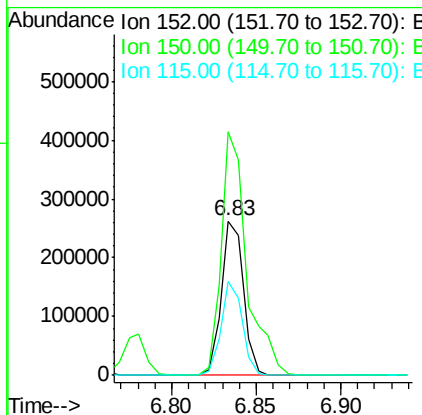
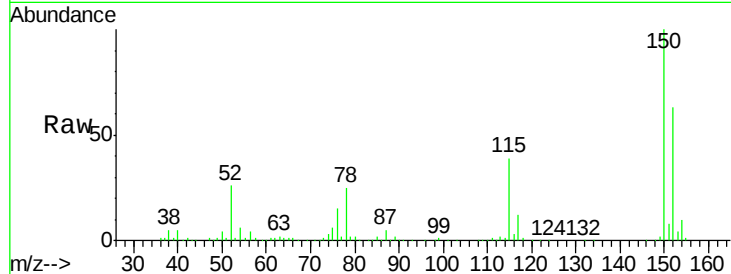
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampled :
PB119833BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	238543		
150	158.0	124.3	186.5	
115	60.9	49.1	73.7	

Manual Integrations
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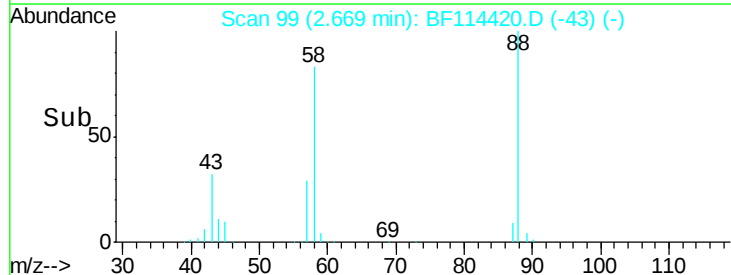
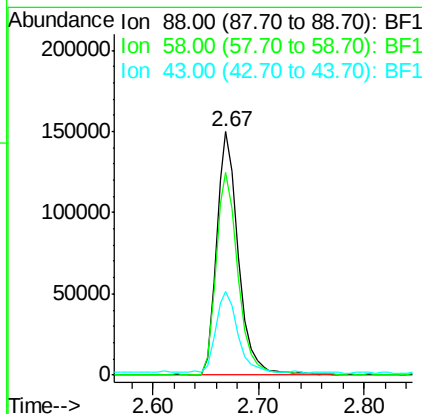
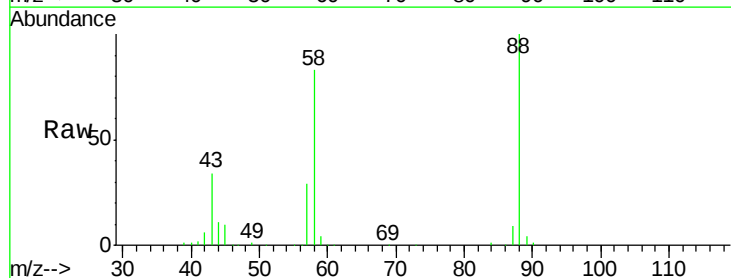
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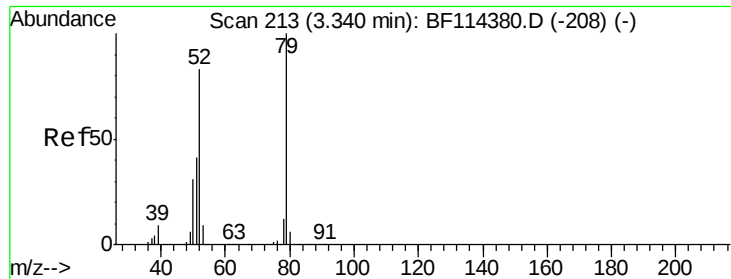


#2

1,4-Dioxane
Concen: 26.611 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.03 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	216818		
58	84.2	68.7	103.1	
43	33.1	28.2	42.2	





#3

Pyridine

Concen: 26.956 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

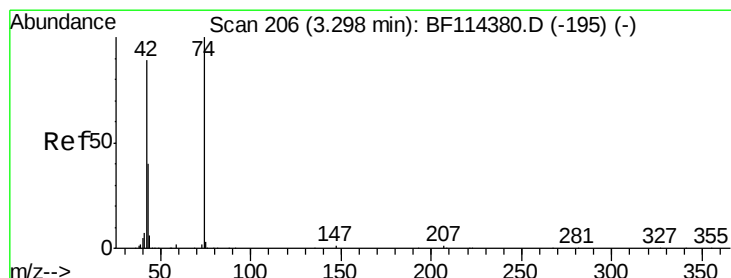
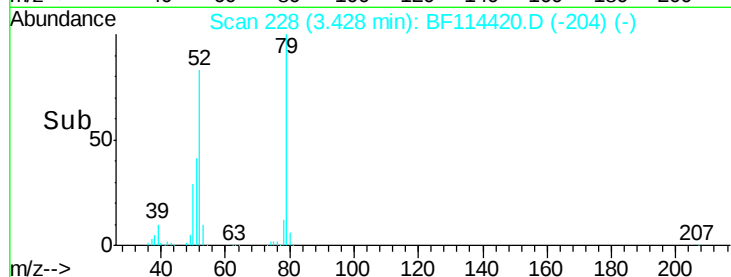
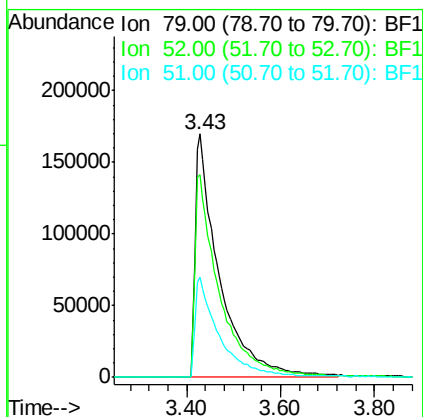
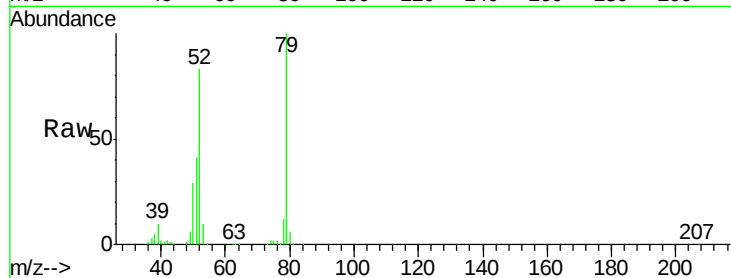
ClientSampleId :

PB119833BS

Tgt Ion:	79	Resp:	605130
Ion Ratio	Lower	Upper	
79	100		
52	83.0	70.6	105.8
51	41.4	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 29.881 ng

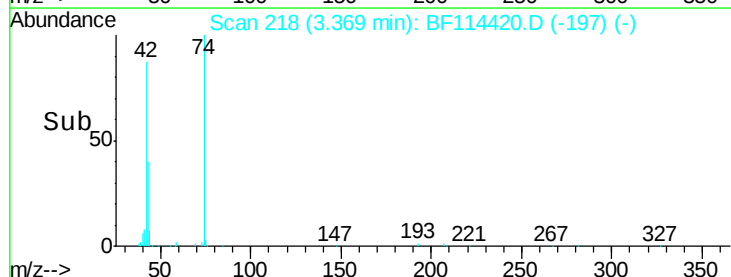
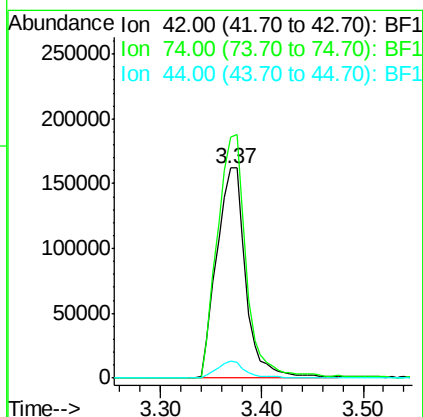
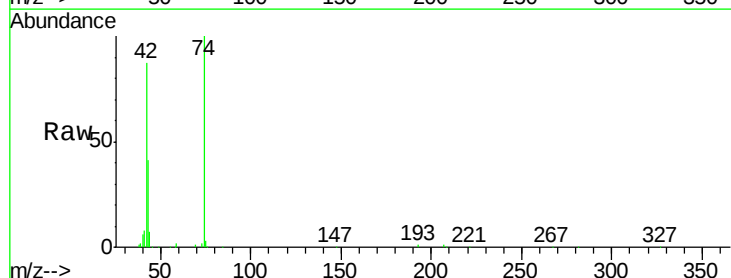
RT: 3.37 min Scan# 218

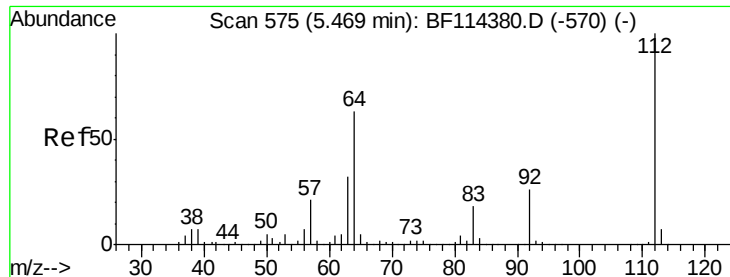
Delta R.T. 0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:	42	Resp:	323470
Ion Ratio	Lower	Upper	
42	100		
74	114.7	88.6	132.8
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 101.413 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

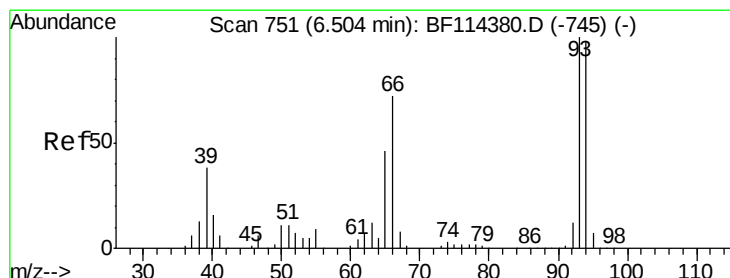
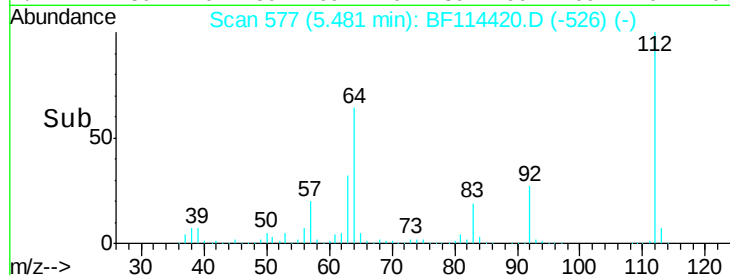
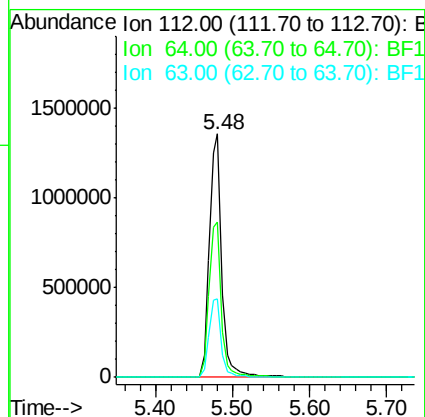
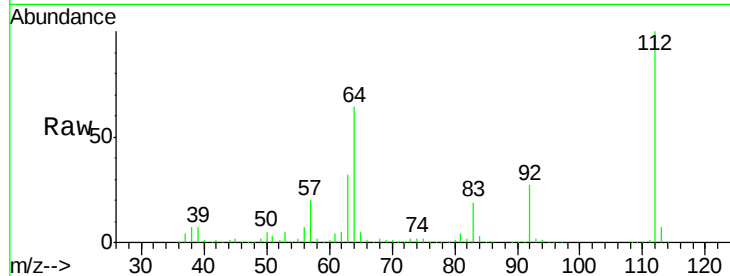
ClientSampleId :

PB119833BS

Tgt Ion:	112	Resp:	1503259
Ion	Ratio	Lower	Upper
112	100		
64	63.6	49.0	73.6
63	32.3	24.6	37.0

Manual Integrations
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#6

Aniline

Concen: 15.165 ng

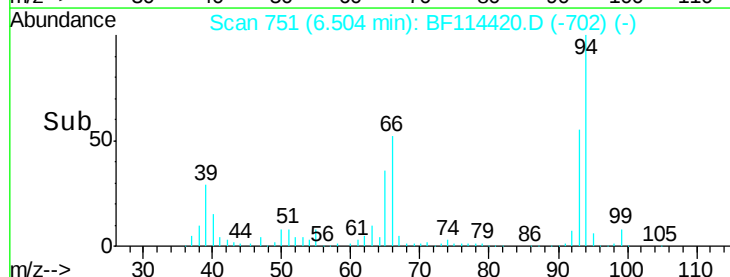
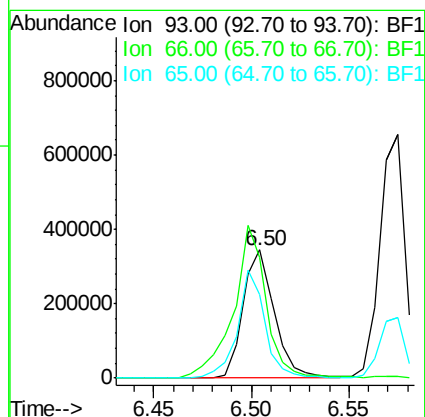
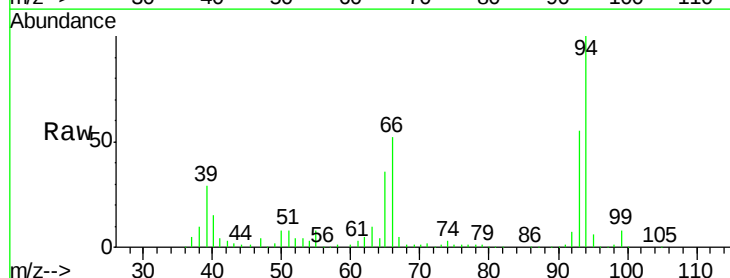
RT: 6.50 min Scan# 751

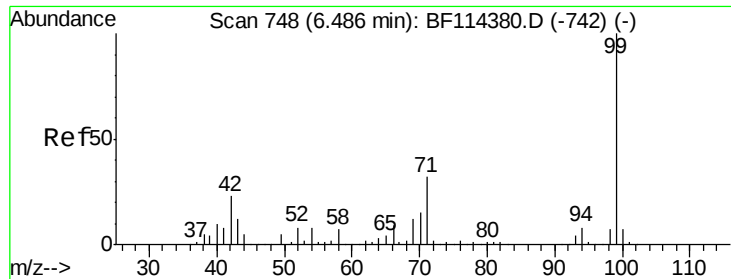
Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:	93	Resp:	384054
Ion	Ratio	Lower	Upper
93	100		
66	94.0	33.2	49.8#
65	65.7	17.6	26.4#





#7

Phenol-d6

Concen: 111.422 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion: 99 Resp: 1953429

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

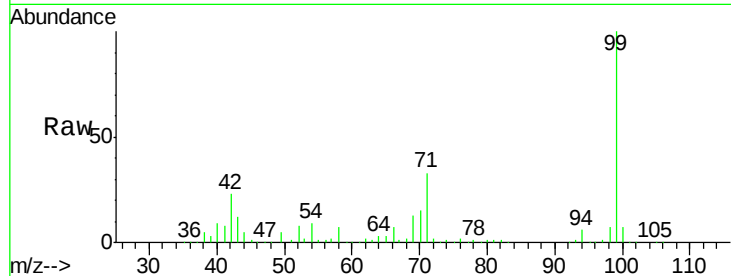
71 33.2 26.2 39.2

Manual Integrations

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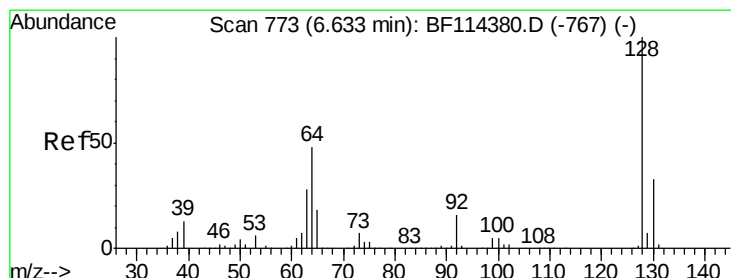
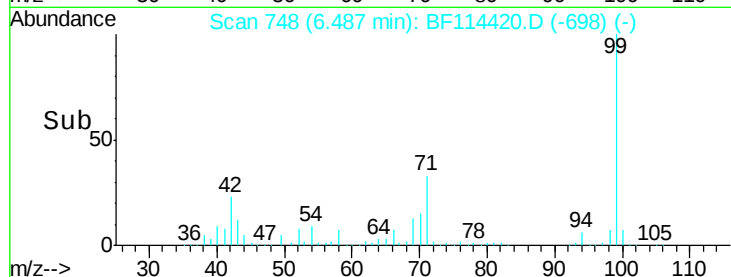
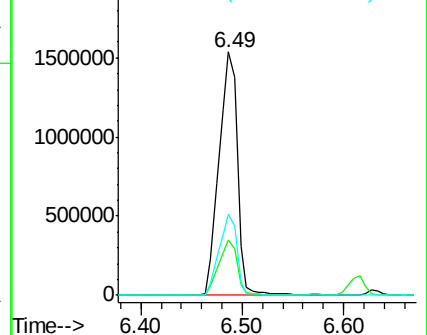
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.461 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

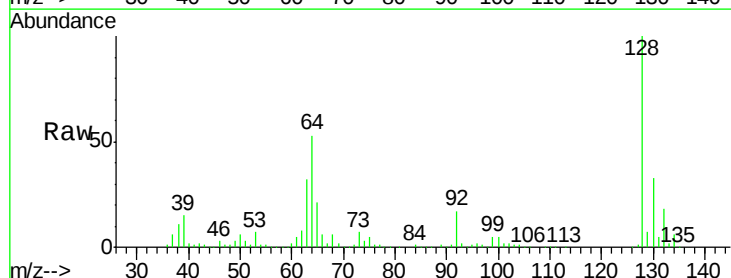
Tgt Ion: 128 Resp: 592806

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

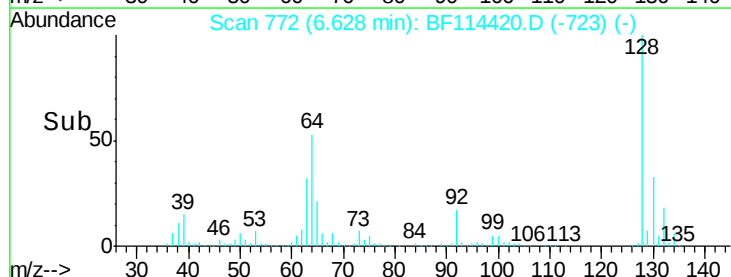
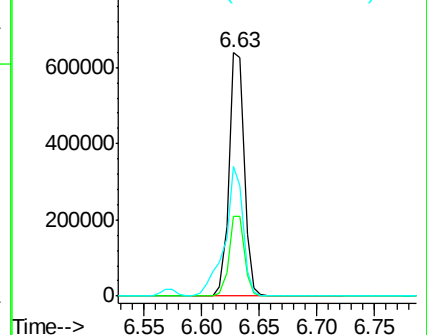
64 53.1 35.9 75.9

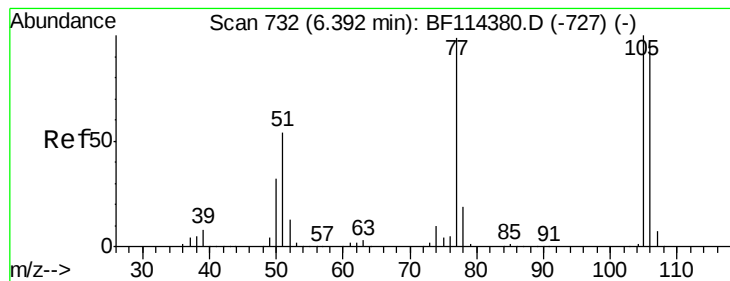


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.947 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion: 77 Resp: 244825
Ion Ratio Lower Upper

77 100

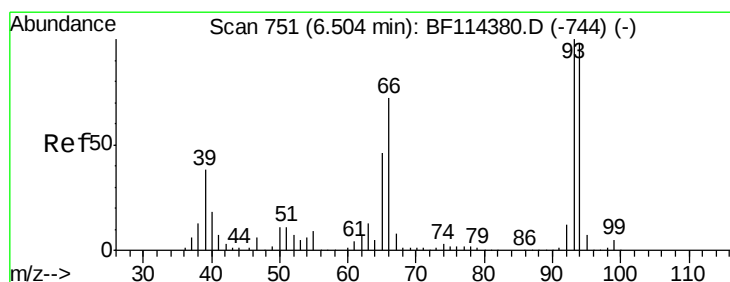
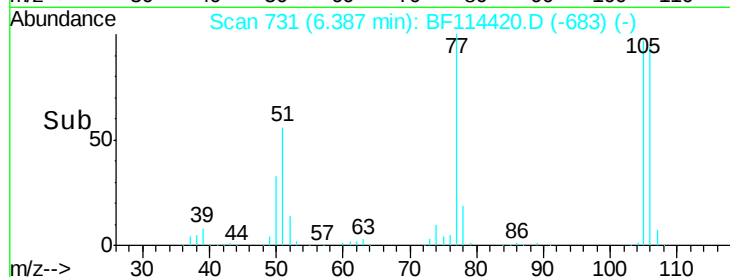
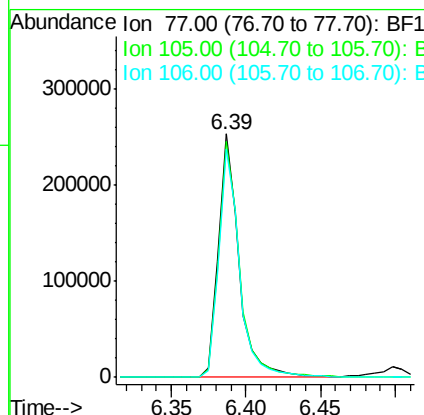
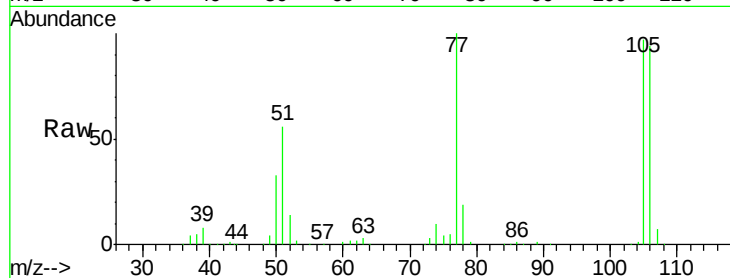
105 96.7 79.3 119.3

106 93.9 77.0 117.0

Manual Integrations
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#10

Phenol

Concen: 34.066 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114420.D

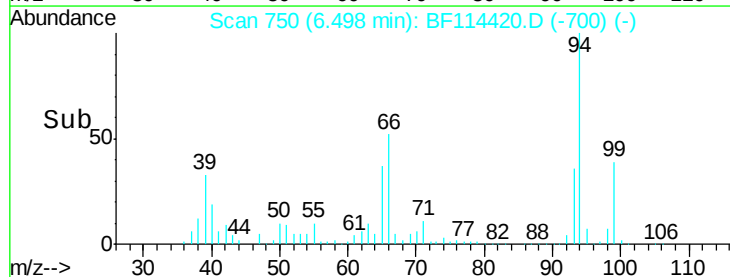
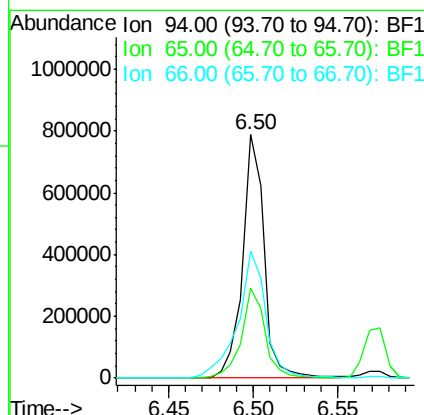
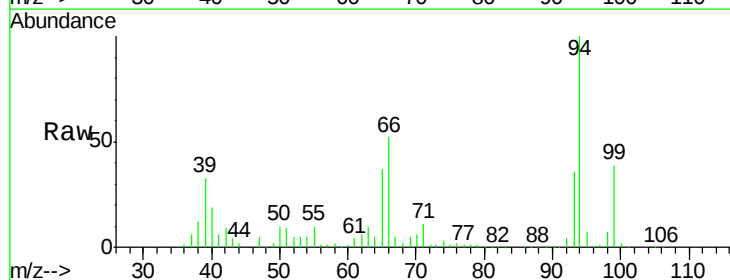
Acq: 19 May 2019 5:23

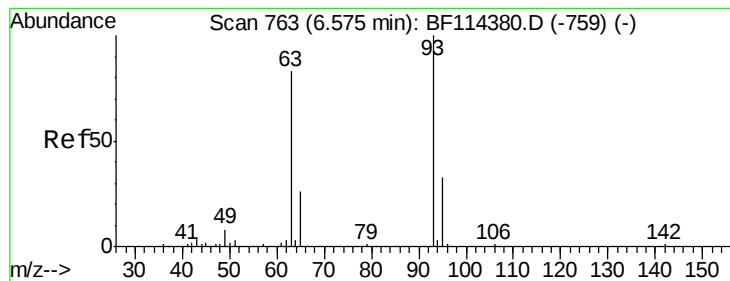
Tgt Ion: 94 Resp: 702564
Ion Ratio Lower Upper

94 100

65 36.9 14.7 54.7

66 52.1 29.6 69.6





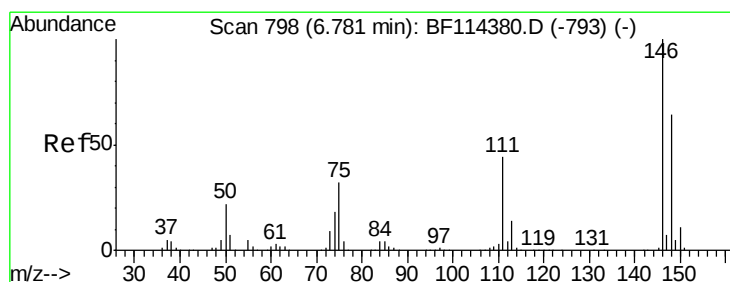
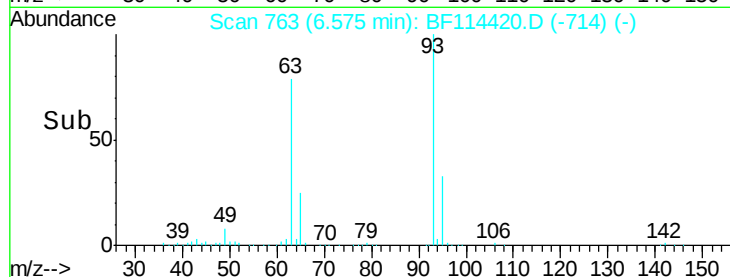
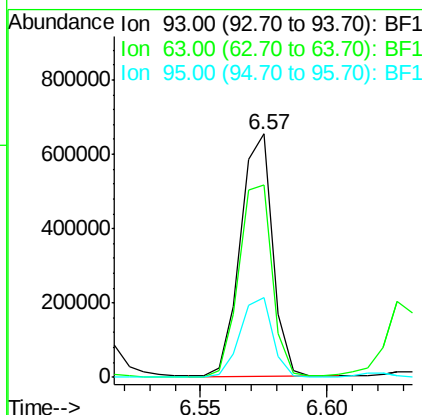
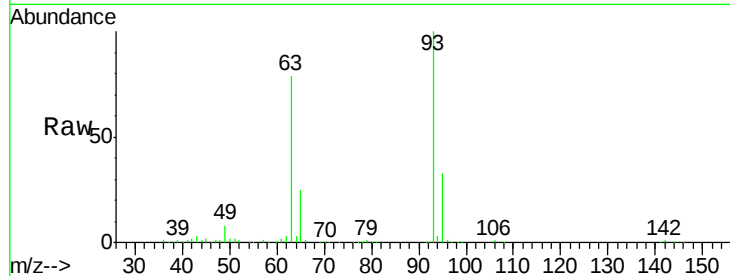
#11
bis(2-Chloroethyl)ether
Concen: 36.973 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	79.2	63.6	103.6
95	33.0	13.1	53.1

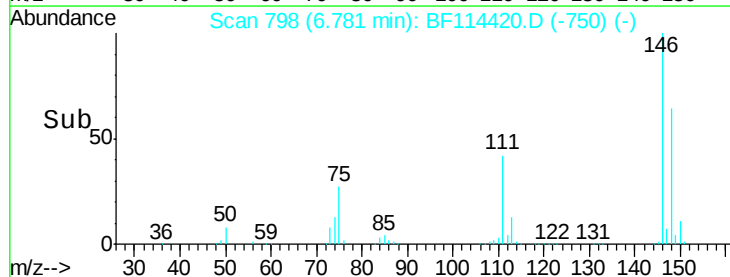
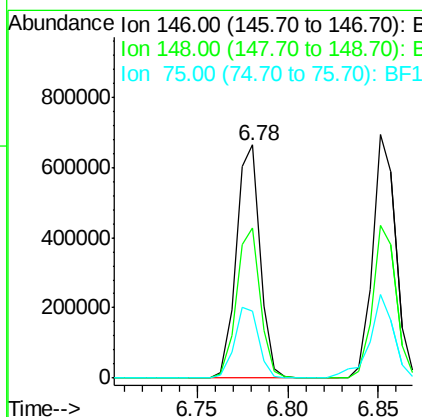
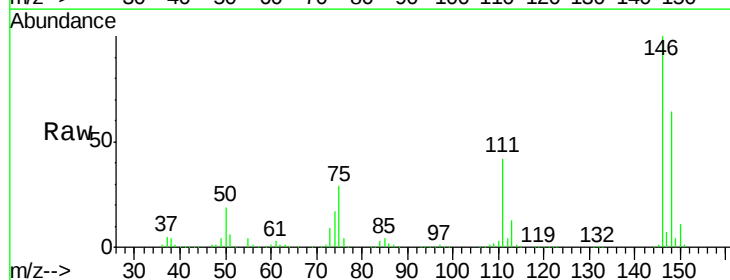
Manual Integrations
APPROVED

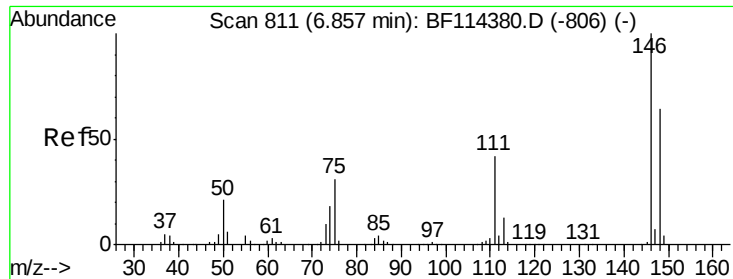
Sohil
5/21/2019 7:18:33 PM



#12
1,3-Dichlorobenzene
Concen: 34.330 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.4	51.6	77.4
75	28.9	24.2	36.2





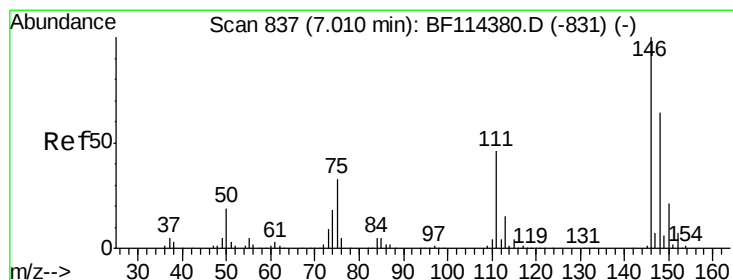
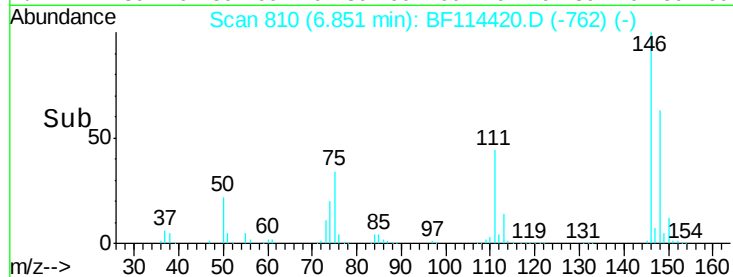
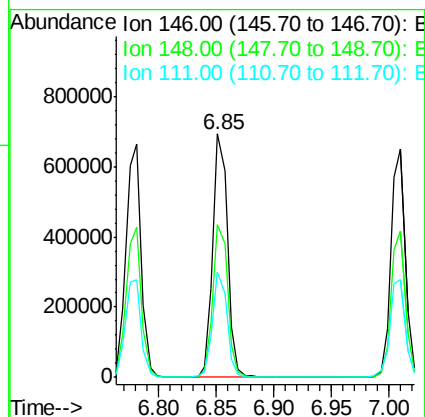
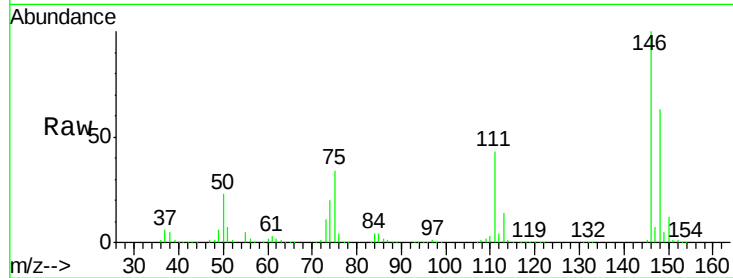
#13
 1,4-Dichlorobenzene
 Concen: 34.554 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleID :
 PB119833BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.2
111	43.5	35.8	53.6

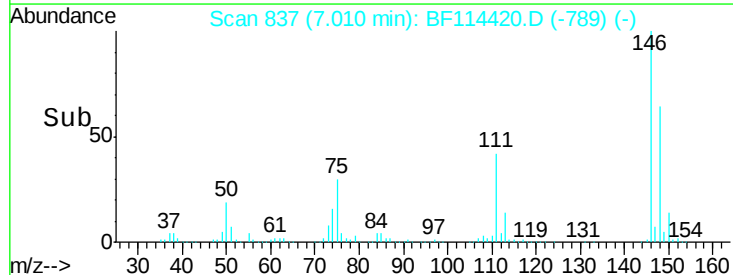
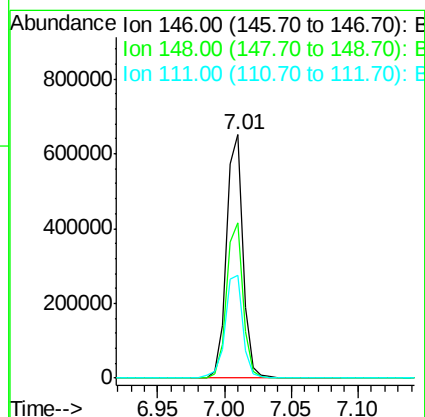
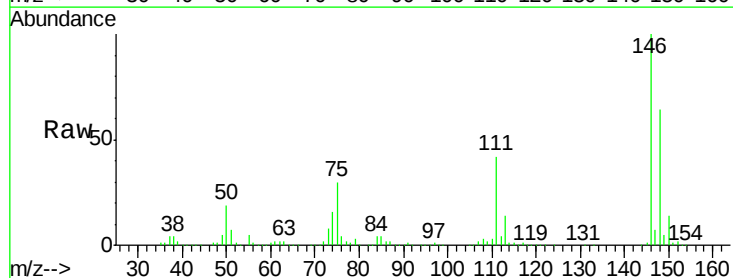
Manual Integrations
 APPROVED

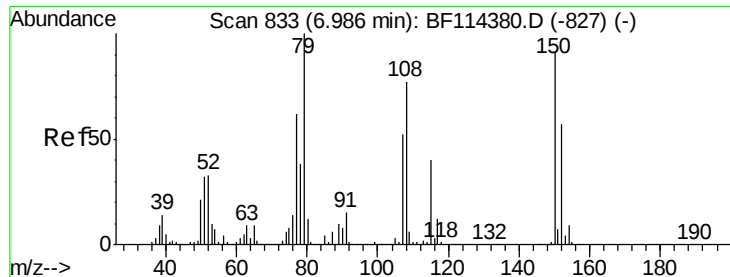
Sohil
 5/21/2019 7:18:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.927 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	42.5	35.3	52.9





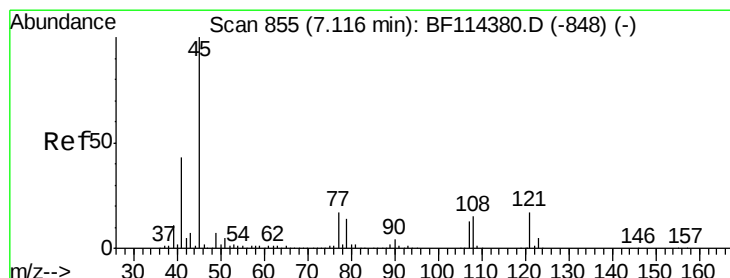
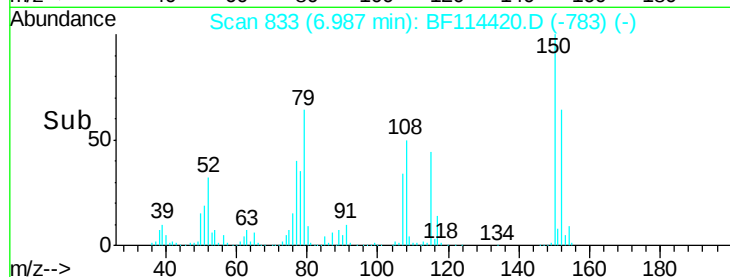
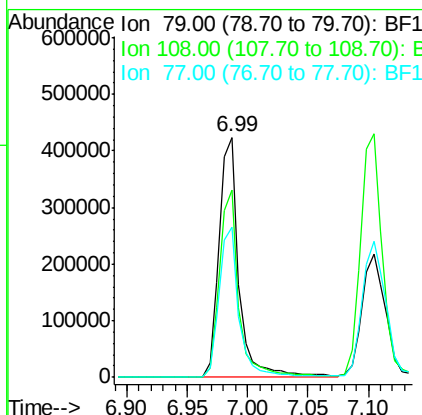
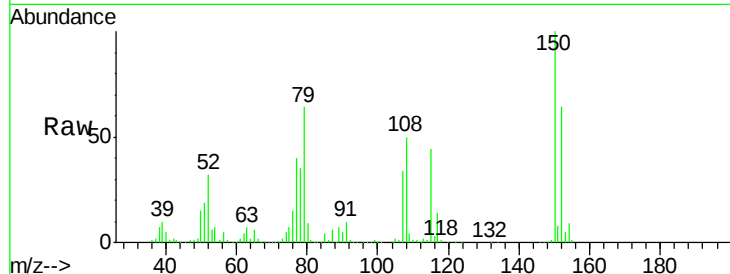
#15
Benzyl Alcohol
Concen: 35.089 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.1	93.1
77	62.3	51.0	76.6

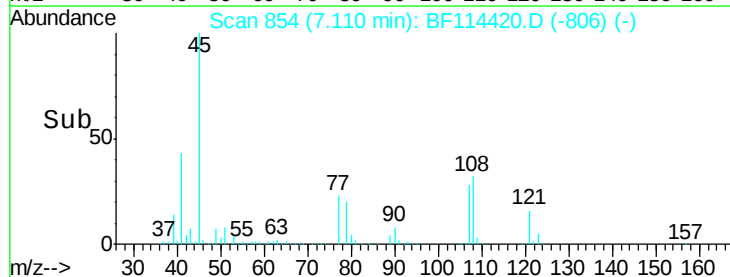
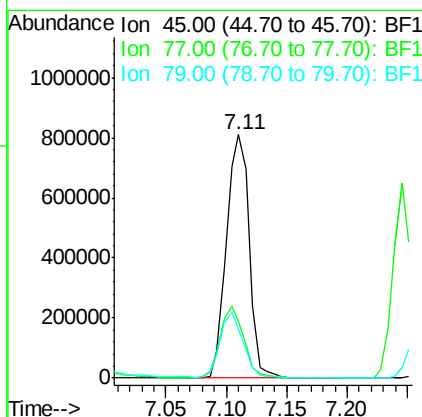
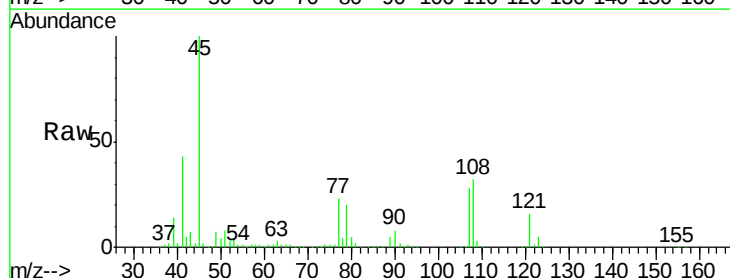
Manual Integrations
APPROVED

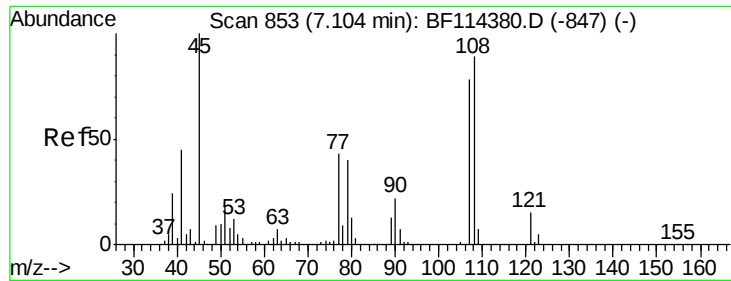
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.820 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	0.0	31.1
79	20.2	0.0	28.4





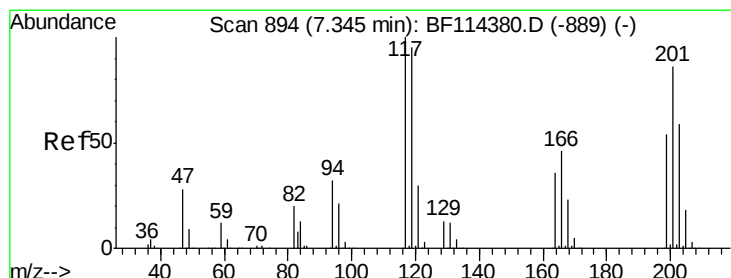
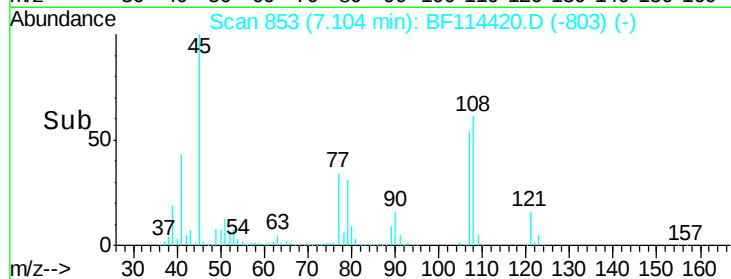
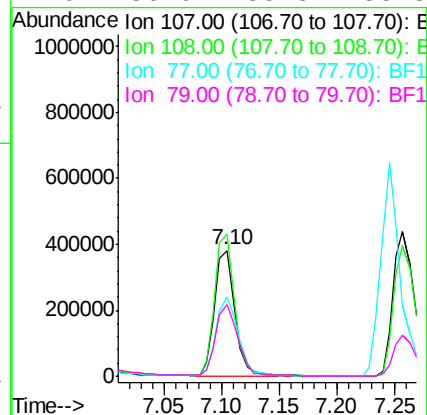
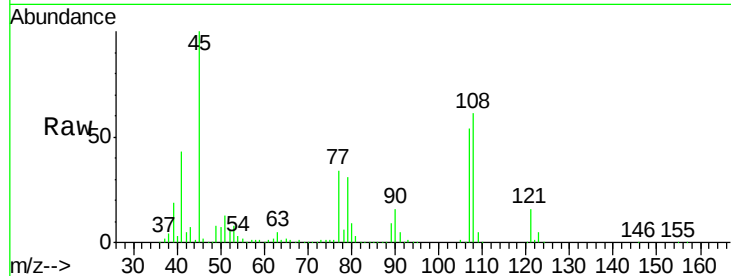
#17
2-Methylphenol
Concen: 36.102 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampled :
PB119833BS

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.6	90.5	135.7
77	62.9	37.0	55.4#
79	56.9	35.8	53.8#

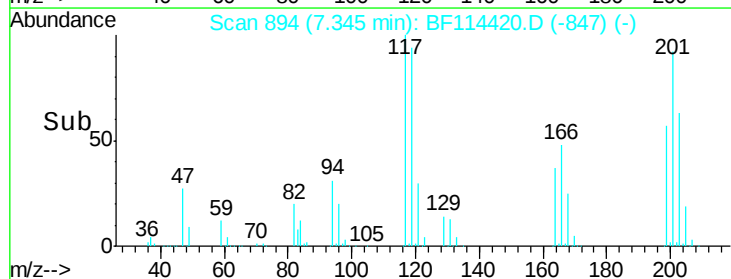
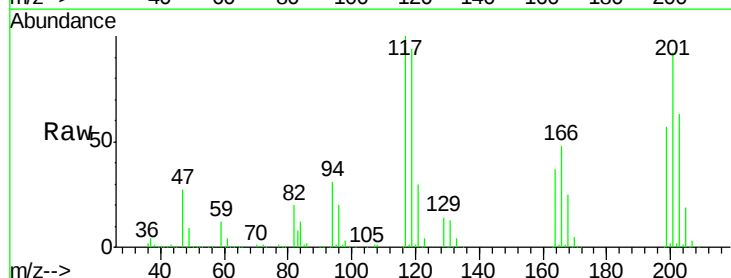
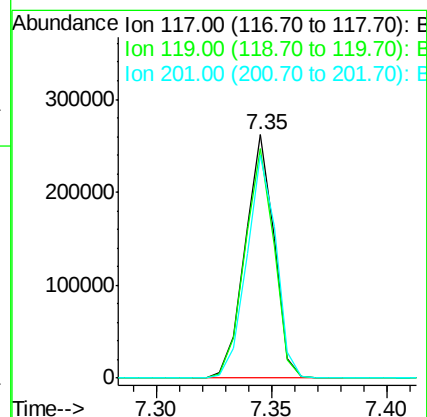
Manual Integrations
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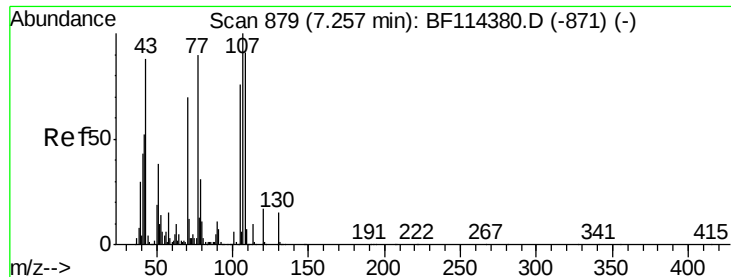
Sohil
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#18
Hexachloroethane
Concen: 34.045 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.4	77.4	116.2
201	91.8	74.5	111.7





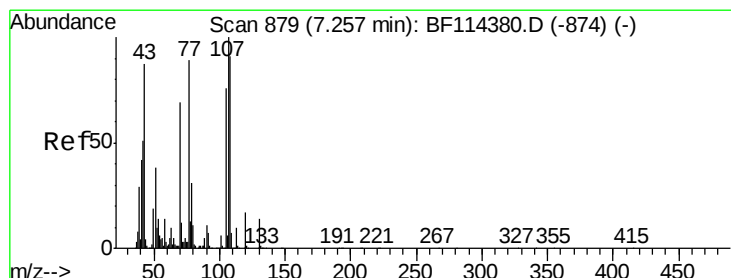
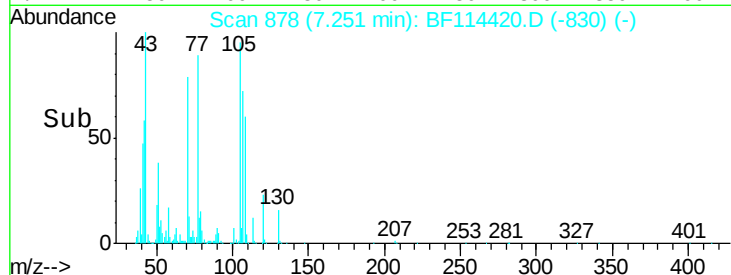
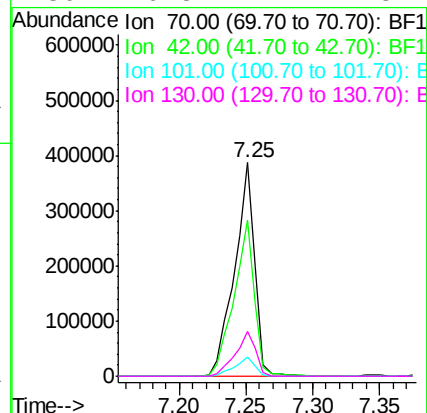
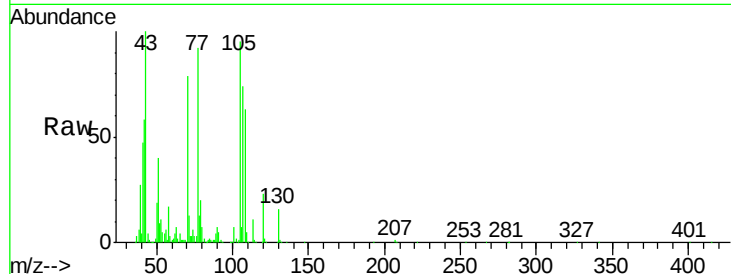
#19
n-Nitroso-di-n-propylamine
Concen: 37.273 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	414191		
42	73.4	58.6	87.8	
101	9.2	7.8	11.8	
130	20.8	17.1	25.7	

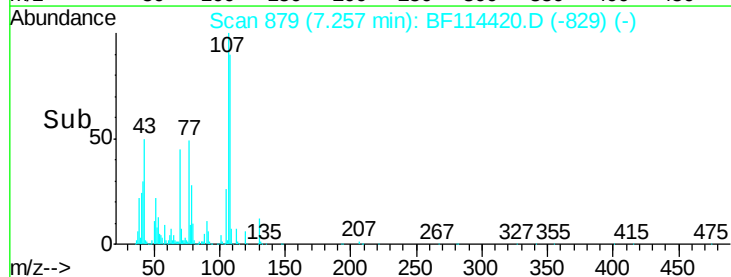
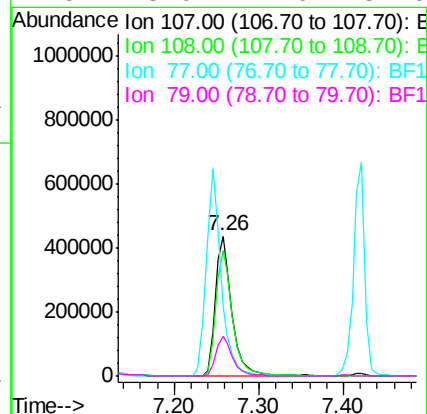
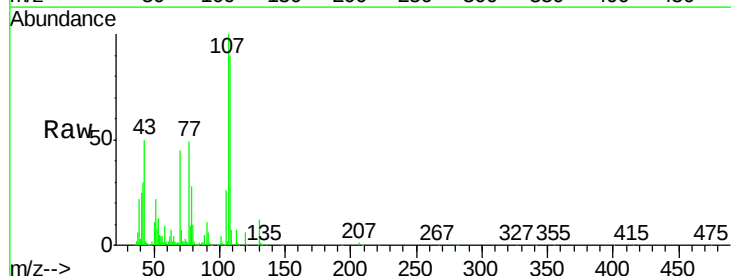
Manual Integrations
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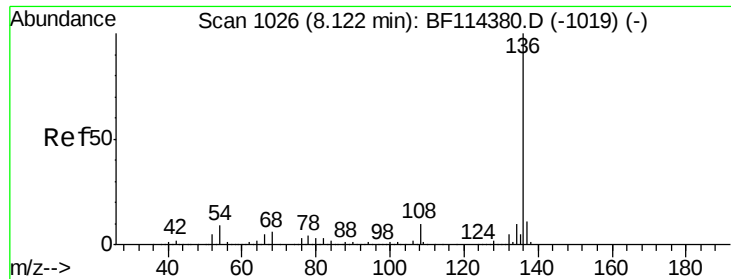
Sohil
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#20
3+4-Methylphenols
Concen: 40.098 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	602233		
108	89.9	73.8	113.8	
77	49.0	111.5	151.5#	
79	28.0	12.0	52.0	





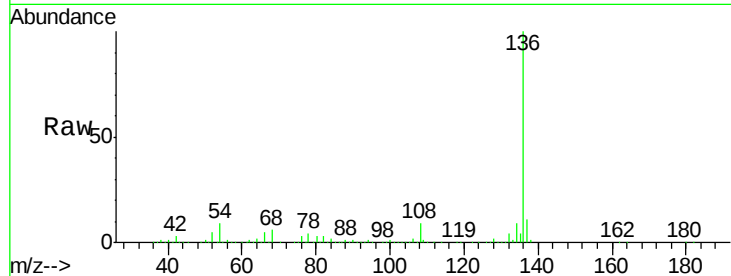
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampled :
PB119833BS

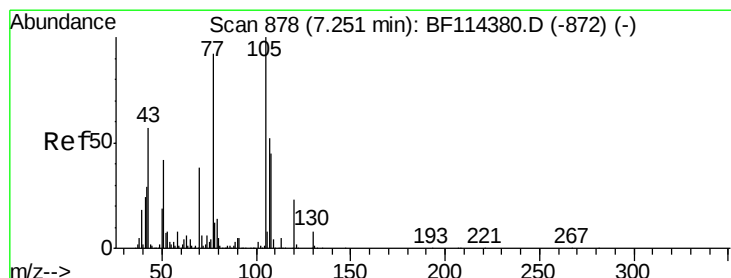
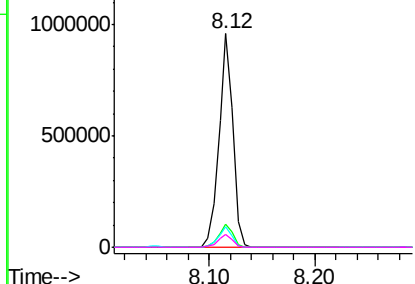
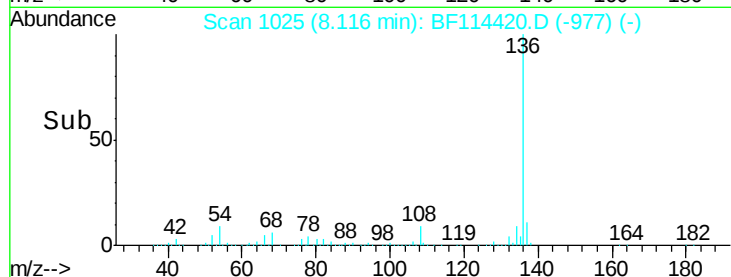
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	893503		
137	10.8	8.8	13.2	
54	9.4	7.8	11.8	
68	6.1	5.1	7.7	

Manual Integrations
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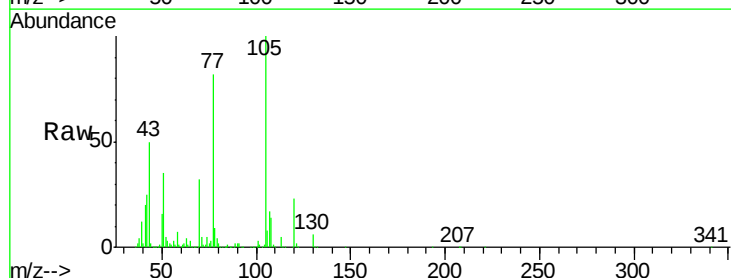


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

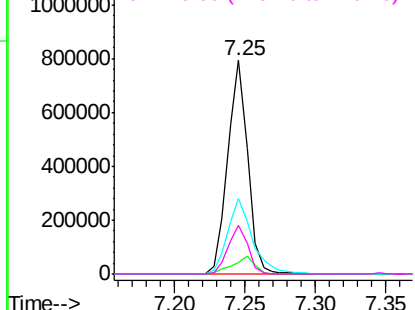
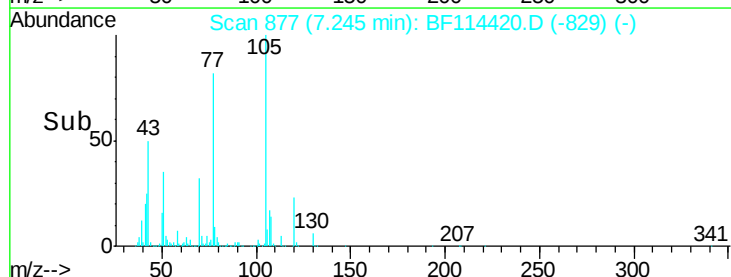


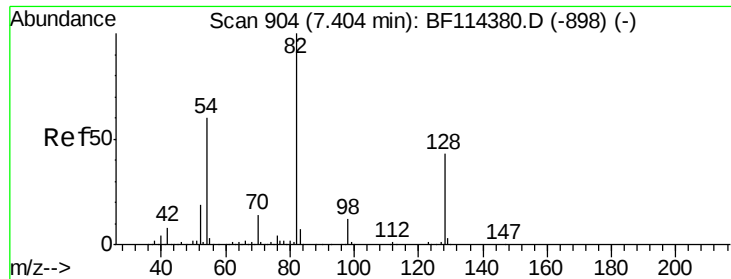
#22
Acetophenone
Concen: 39.614 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	784125		
71	5.3	5.3	7.9	
51	35.4	36.2	54.4	
120	22.8	18.6	28.0	



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





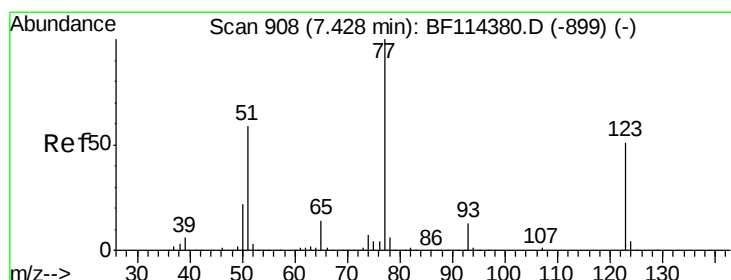
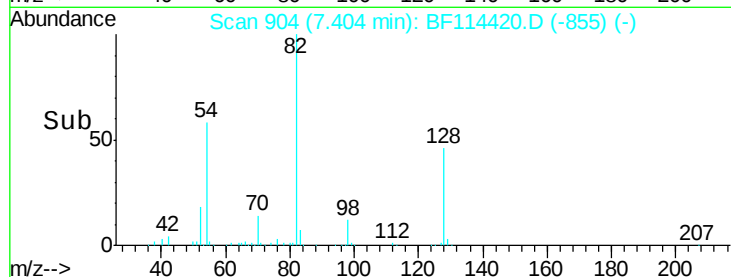
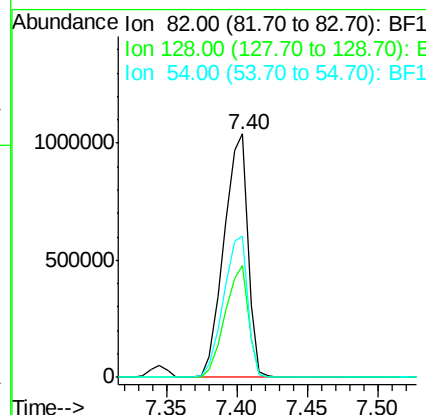
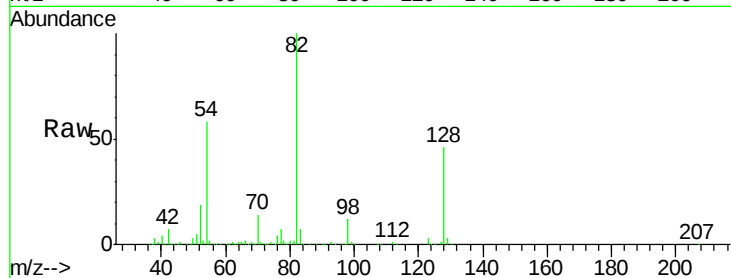
#23
 Nitrobenzene-d5
 Concen: 76.955 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampled :
 PB119833BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	58.0	48.5	72.7

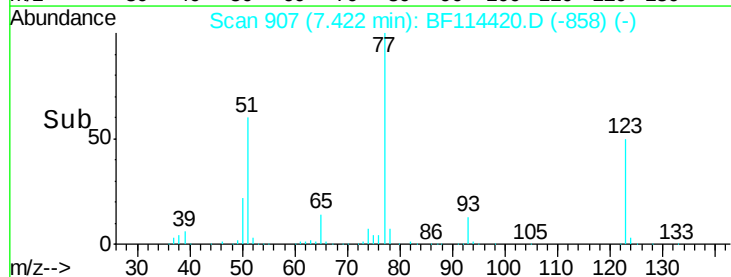
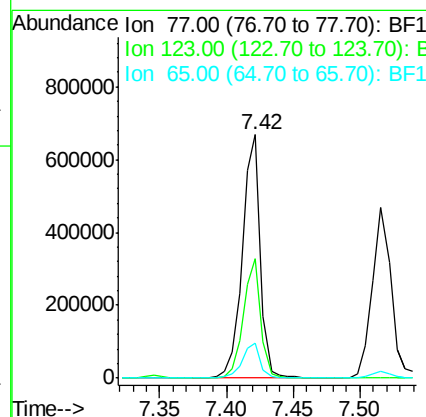
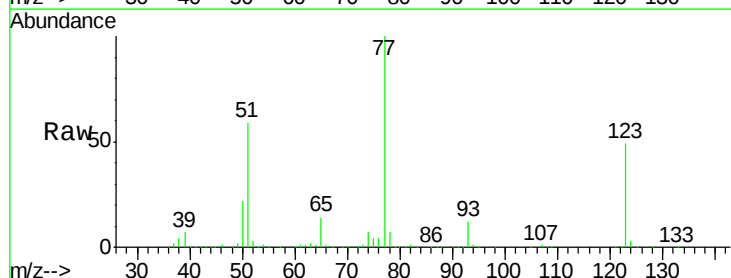
Manual Integrations
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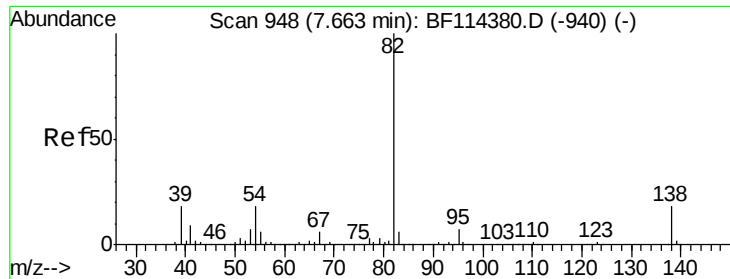
Sohil
 5/21/2019 7:18:33 PM



#24
 Nitrobenzene
 Concen: 38.474 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	36.9	55.3
65	14.3	11.8	17.6





#25

Isophorone

Concen: 38.863 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion: 82 Resp: 1147545

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

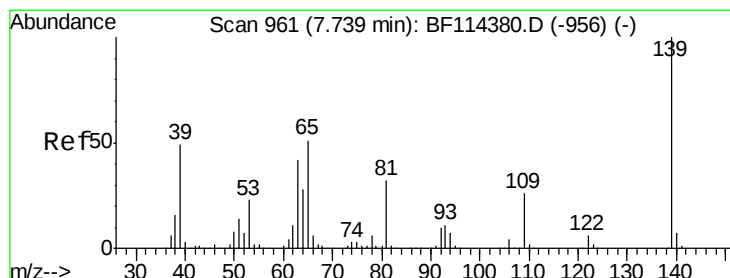
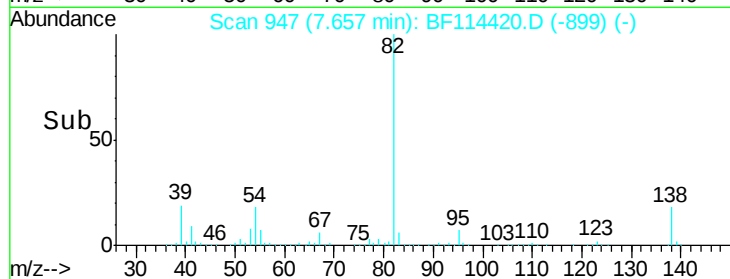
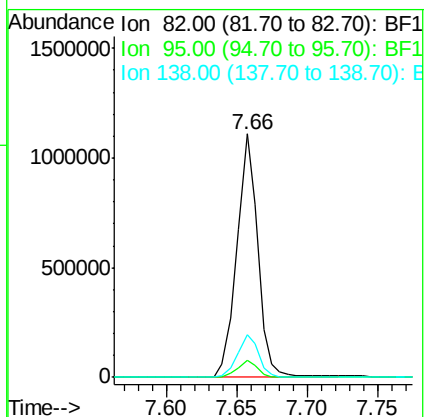
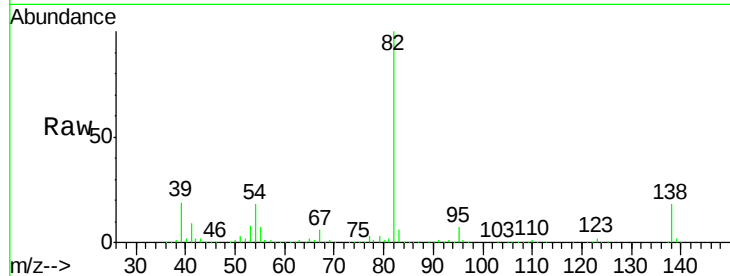
138 17.7 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.221 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

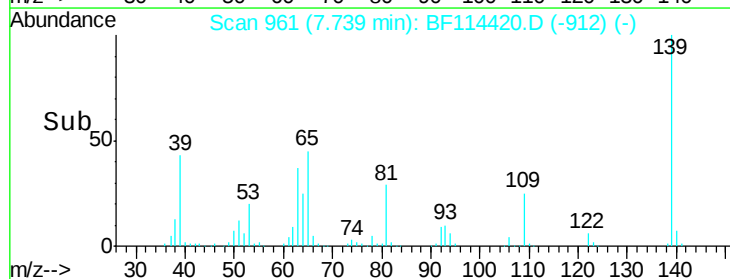
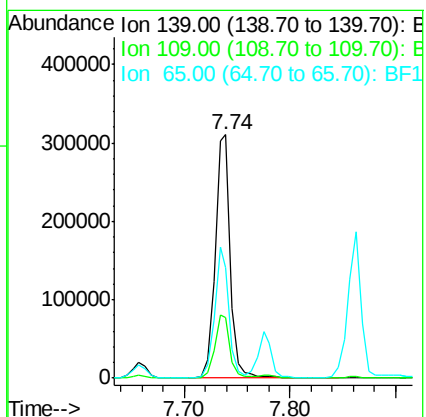
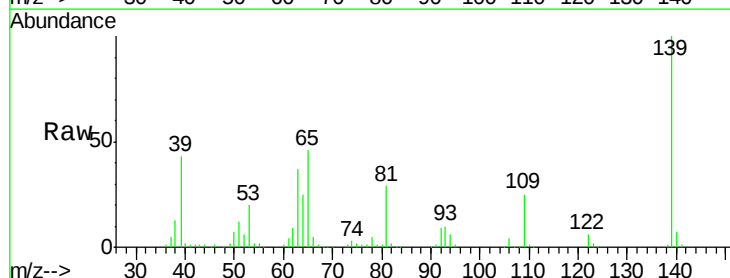
Tgt Ion: 139 Resp: 316434

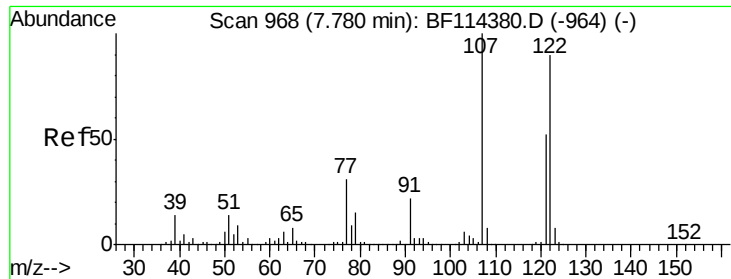
Ion Ratio Lower Upper

139 100

109 24.8 20.7 31.1

65 45.6 40.2 60.2





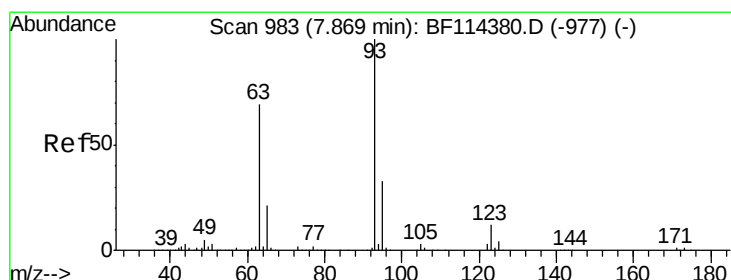
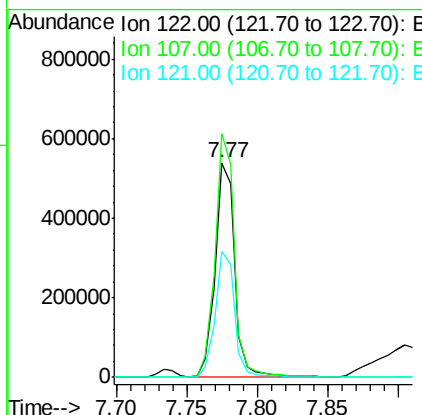
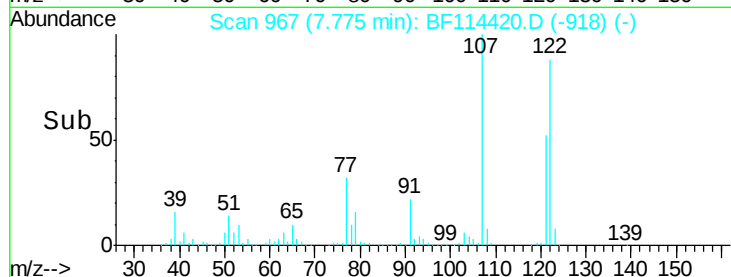
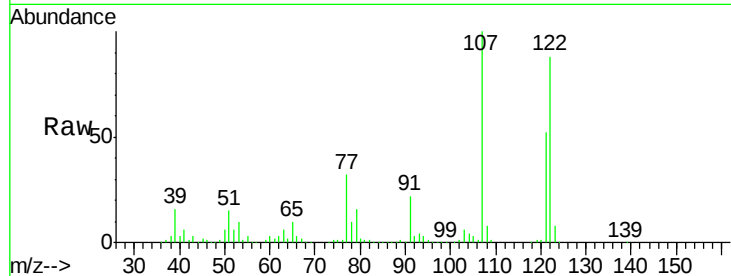
#27
2,4-Dimethylphenol
Concen: 41.957 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	518439		
107	113.6	88.4	132.6	
121	58.8	45.9	68.9	

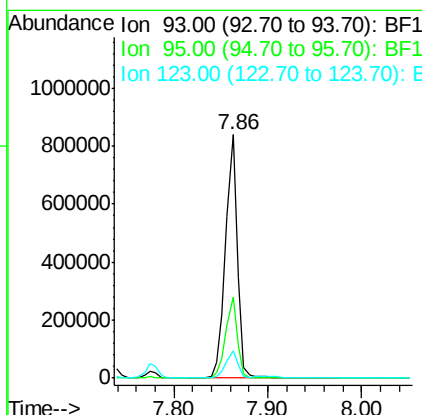
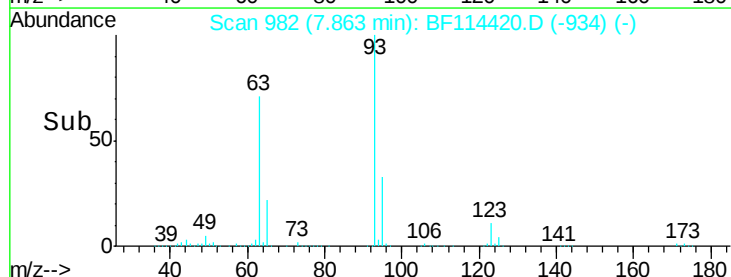
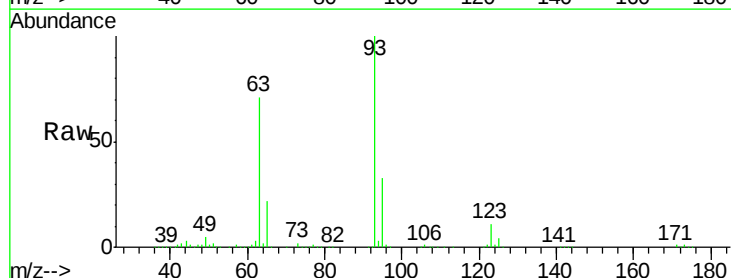
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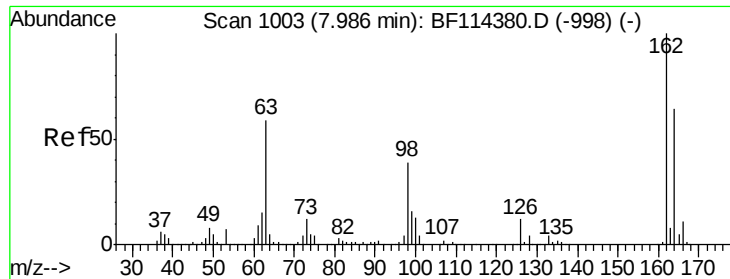
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.523 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	738058		
95	33.2	26.8	40.2	
123	11.2	9.5	14.3	





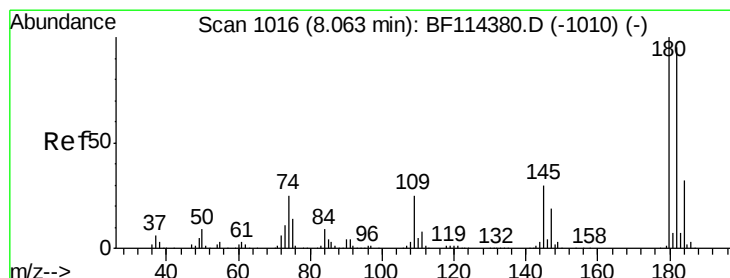
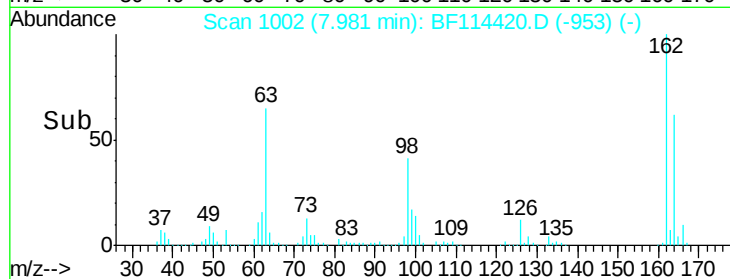
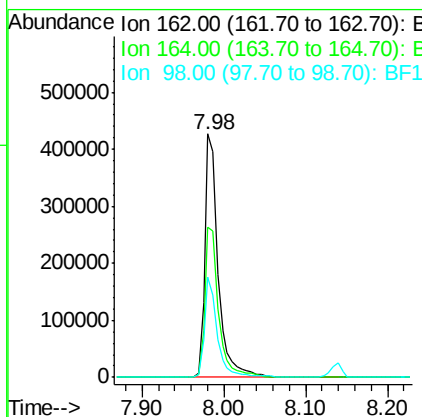
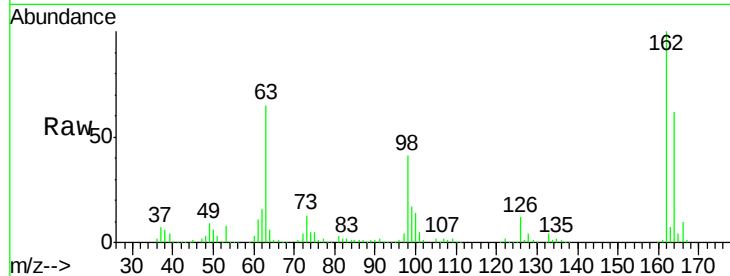
#29
 2,4-Dichlorophenol
 Concen: 39.478 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	485731		
164	61.7	43.6	83.6	
98	41.3	20.6	60.6	

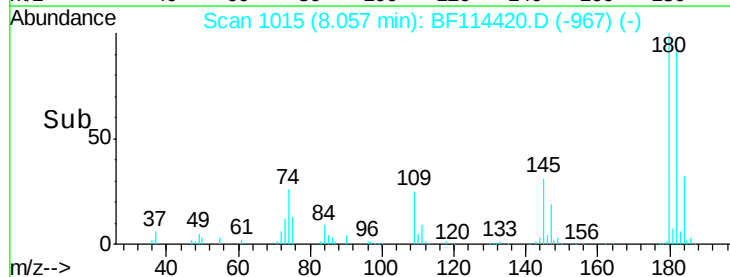
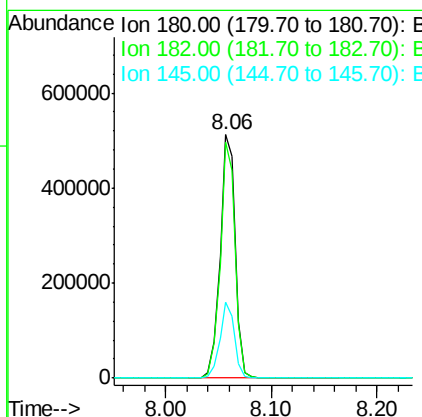
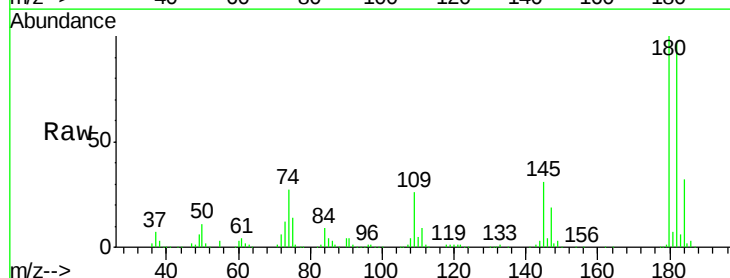
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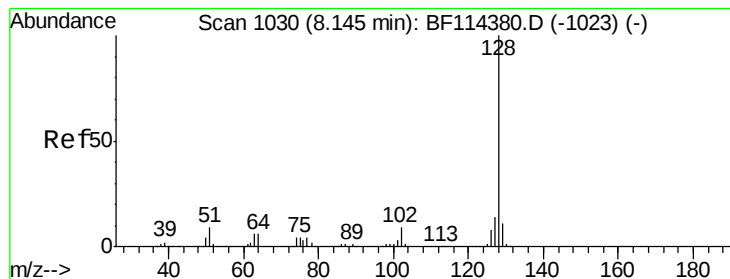
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.973 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	517295		
182	96.8	76.6	114.8	
145	31.4	25.1	37.7	





#31

Naphthalene

Concen: 39.136 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion:128 Resp: 1633418

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

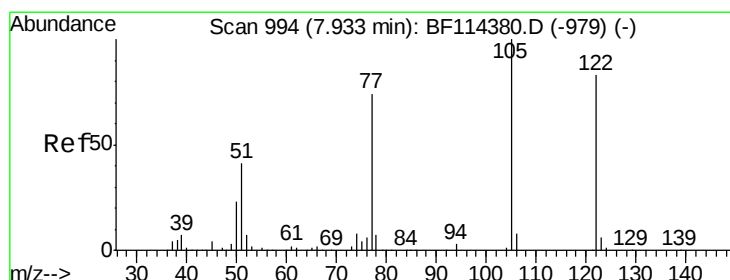
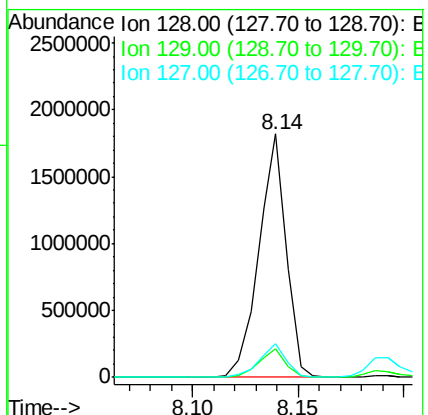
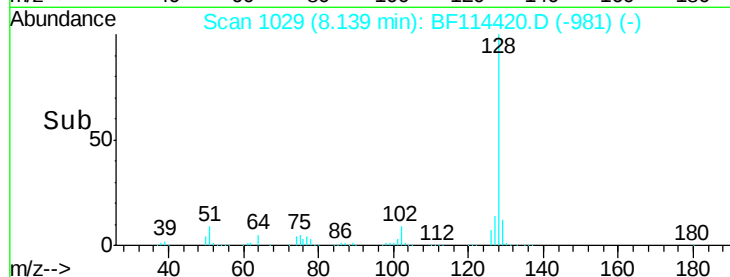
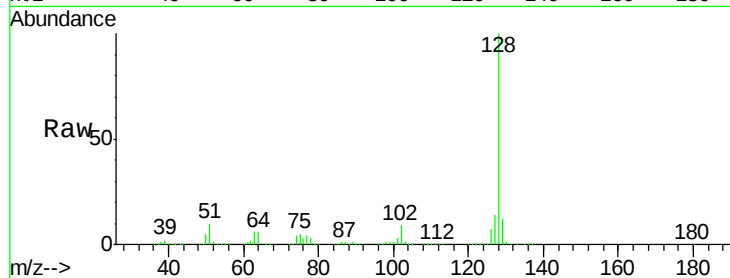
127 13.7 11.3 16.9

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#32

Benzoic acid

Concen: 25.657 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

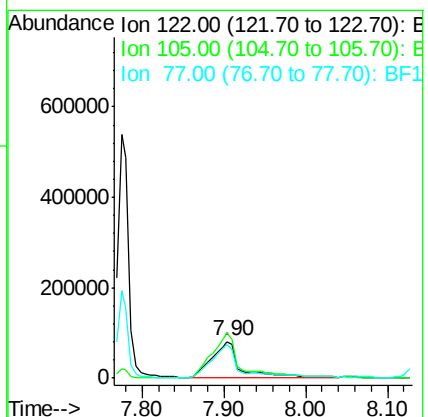
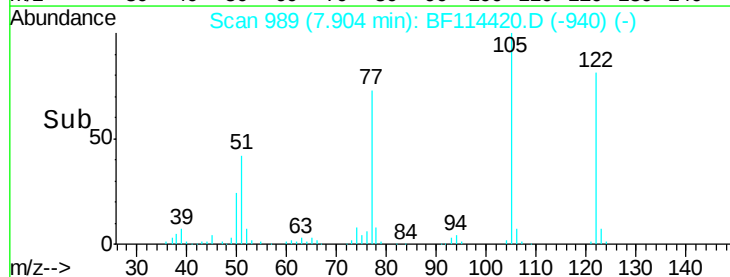
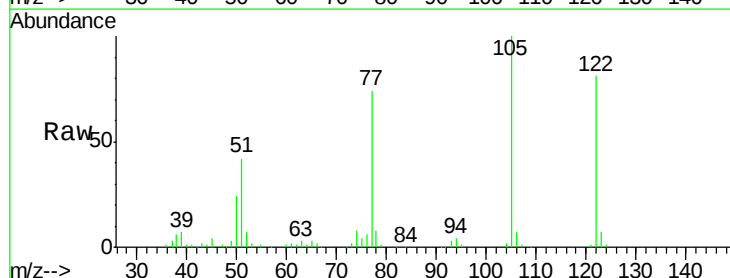
Tgt Ion:122 Resp: 192329

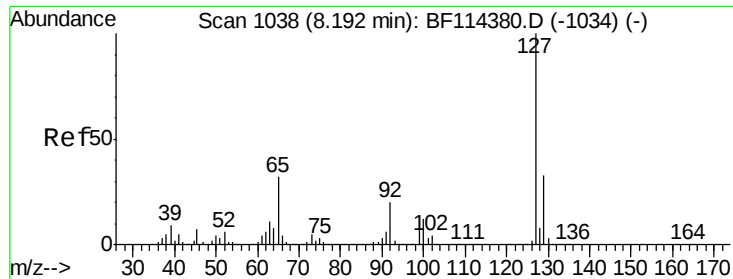
Ion Ratio Lower Upper

122 100

105 124.1 99.9 139.9

77 92.1 69.4 109.4





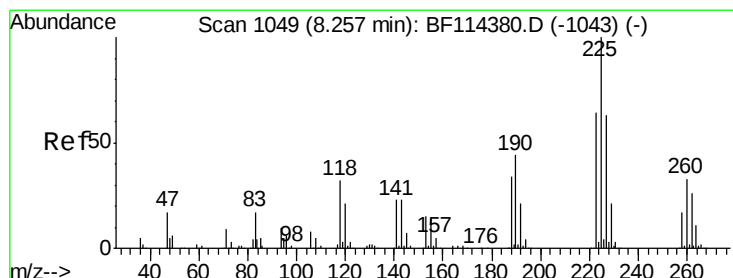
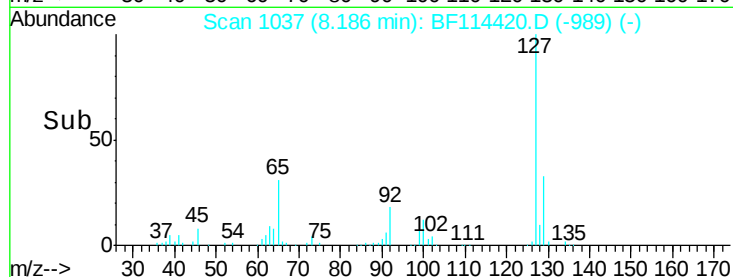
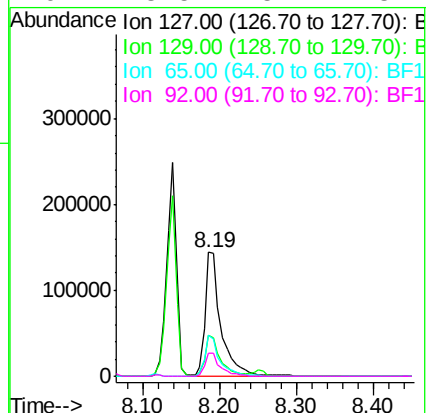
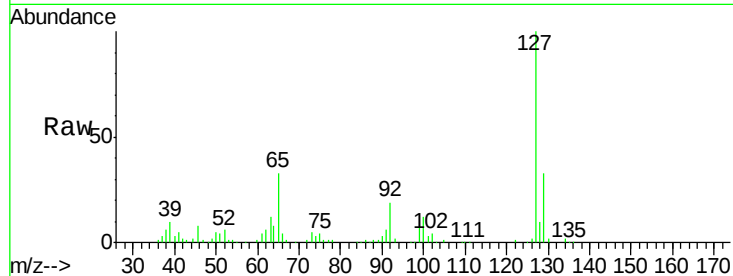
#33
 4-Chloroaniline
 Concen: 10.912 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	33.1	26.7	40.1
65	33.0	25.4	38.0
92	18.5	15.4	23.2

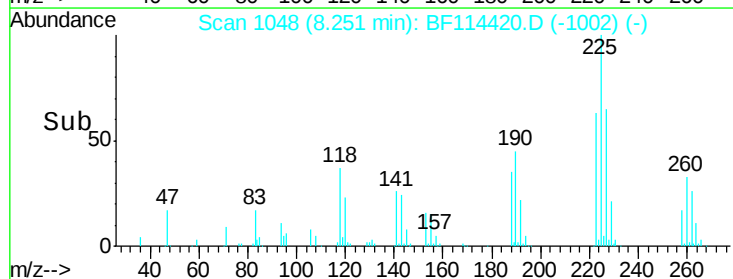
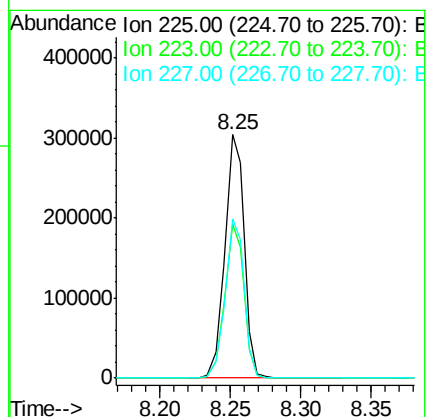
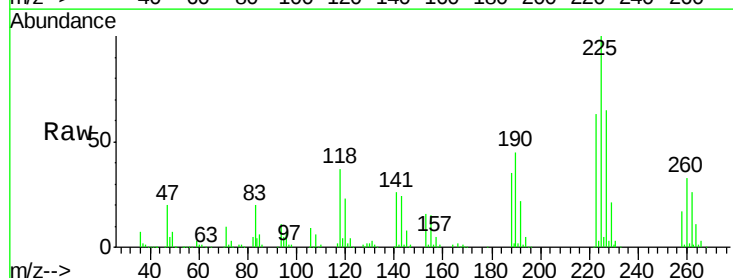
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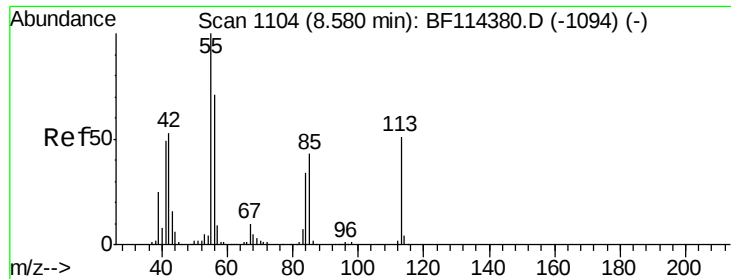
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#34
 Hexachlorobutadiene
 Concen: 36.133 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.5	50.2	75.2
227	65.1	52.6	79.0





#35

Caprolactam

Concen: 41.681 ng m

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

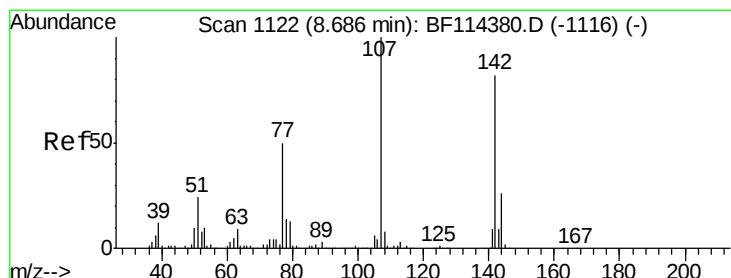
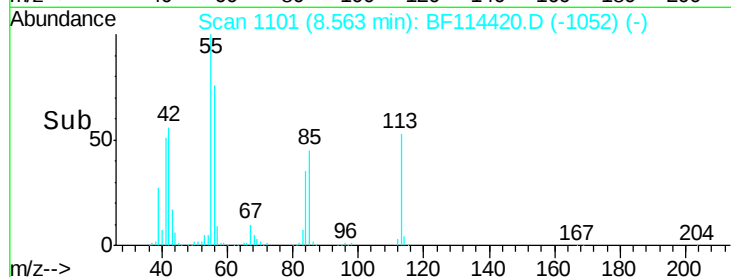
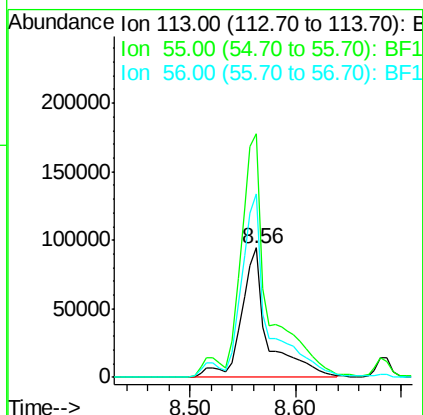
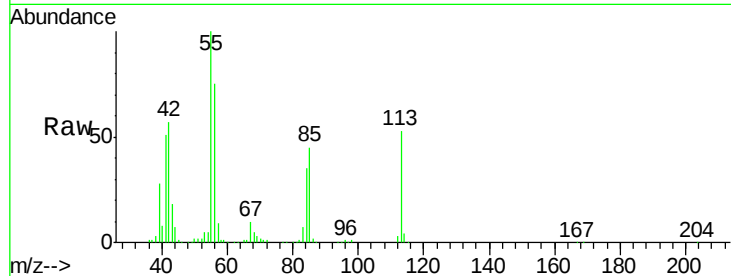
ClientSampled :

PB119833BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	187.9	183.5	223.5
56	141.4	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 40.188 ng

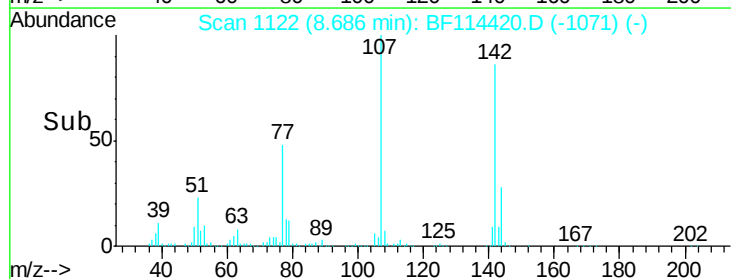
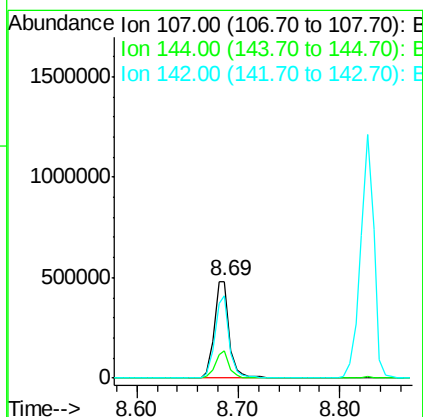
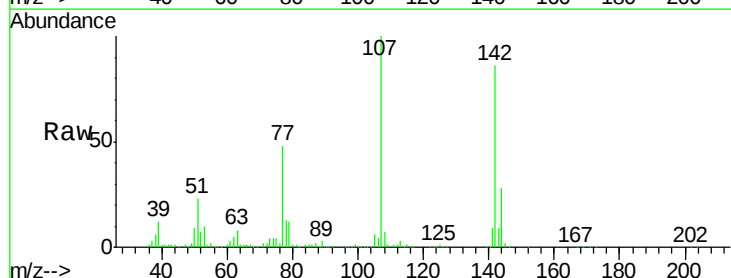
RT: 8.69 min Scan# 1122

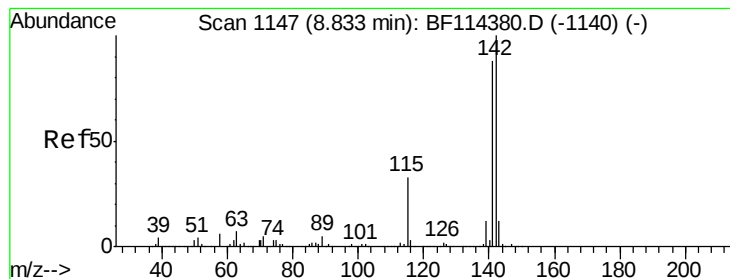
Delta R.T. -0.00 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	20.4	30.6
142	85.6	64.2	96.4





#37

2-Methylnaphthalene

Concen: 41.071 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion:142 Resp: 1105969

Ion Ratio Lower Upper

142 100

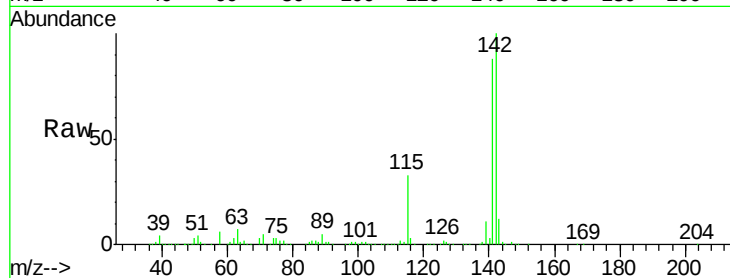
141 88.2 72.1 108.1

115 33.5 28.0 42.0

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.83

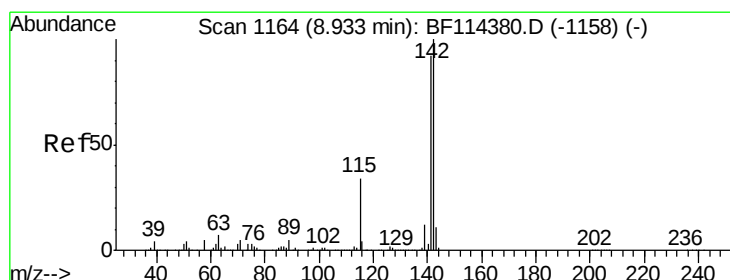
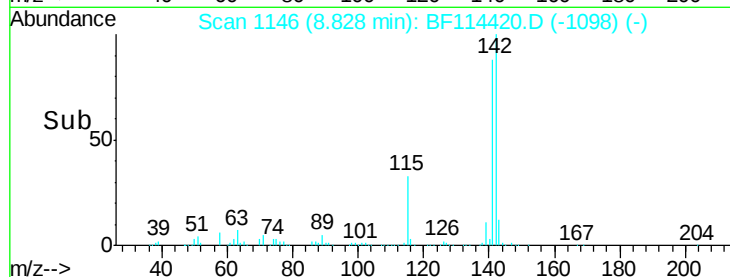
1500000

1000000

500000

0

Time-->



#38

1-Methylnaphthalene

Concen: 41.330 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

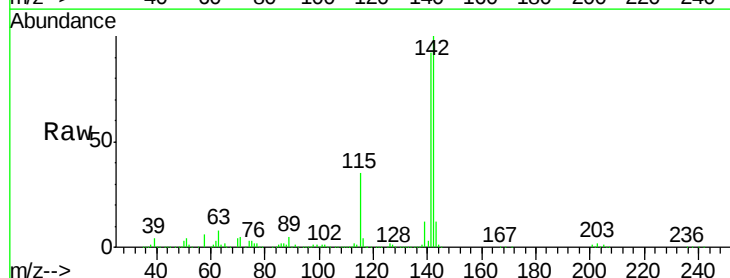
Tgt Ion:142 Resp: 1048078

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.93

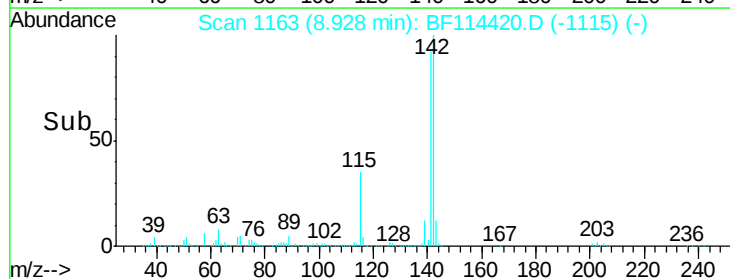
1500000

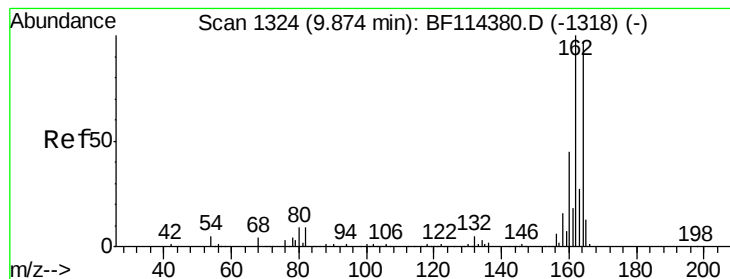
1000000

500000

0

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

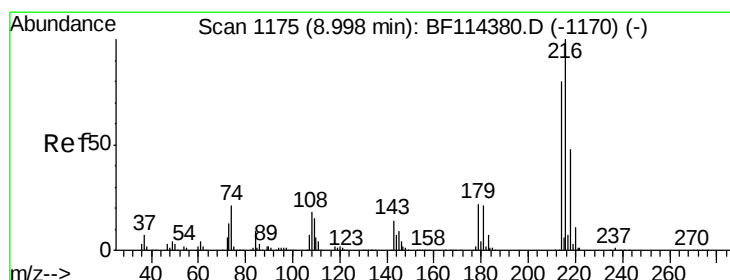
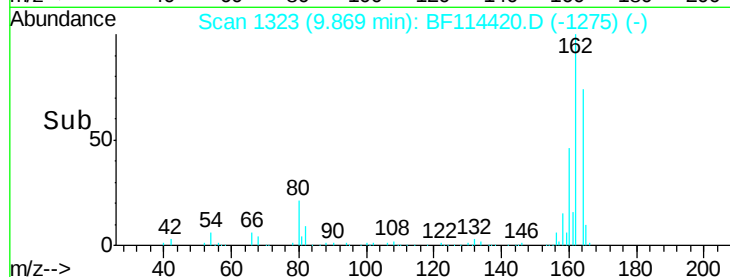
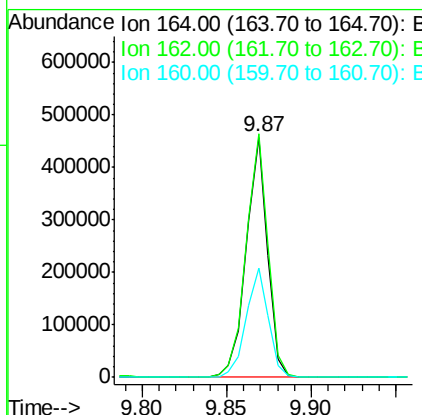
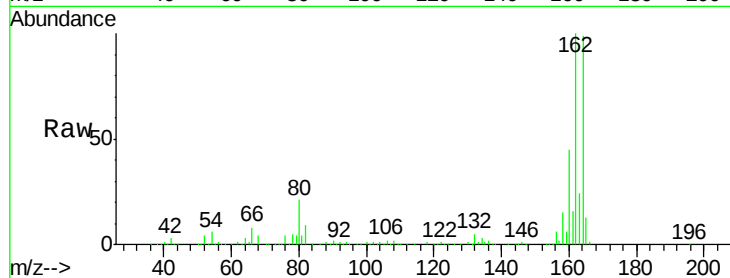
ClientSampleId :

PB119833BS

Tgt Ion:	164	Resp:	403806
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.6	120.8
160	45.6	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.044 ng

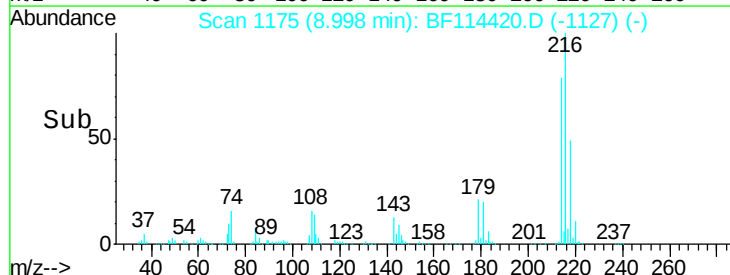
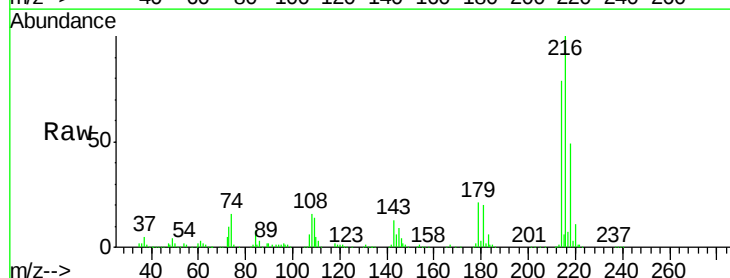
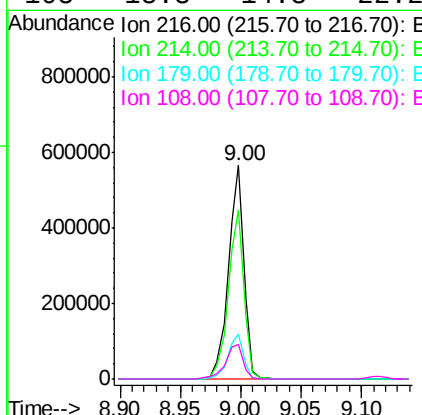
RT: 9.00 min Scan# 1175

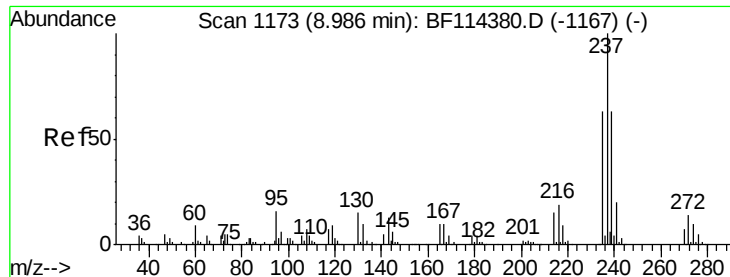
Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:	216	Resp:	502061
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.9	95.9
179	21.0	17.0	25.6
108	18.3	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 28.961 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

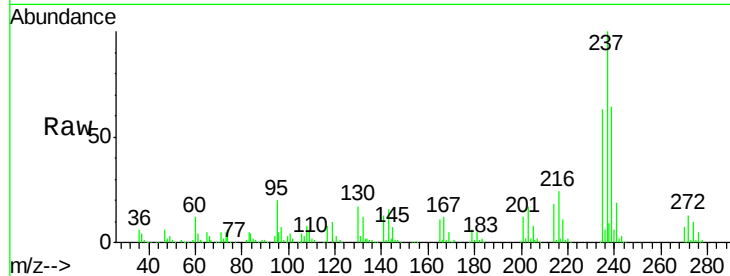
ClientSampleId :

PB119833BS

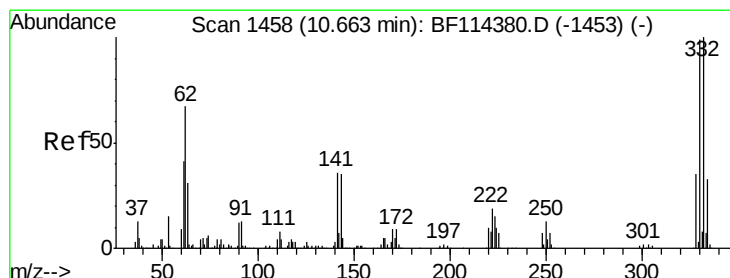
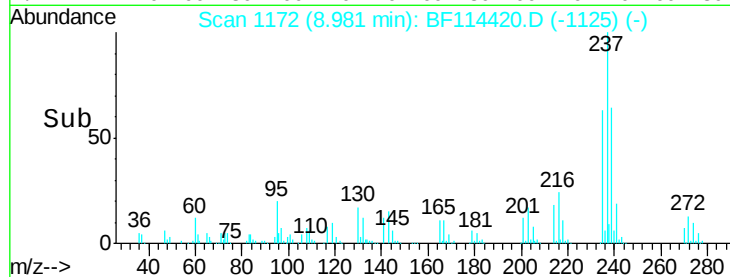
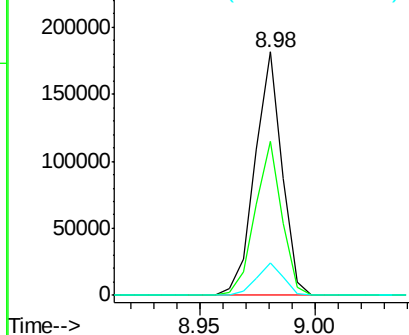
Tgt Ion:	237	Resp:	148420
Ion Ratio		Lower	Upper
237	100		
235	63.0	42.0	82.0
272	13.2	0.0	32.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.474 ng

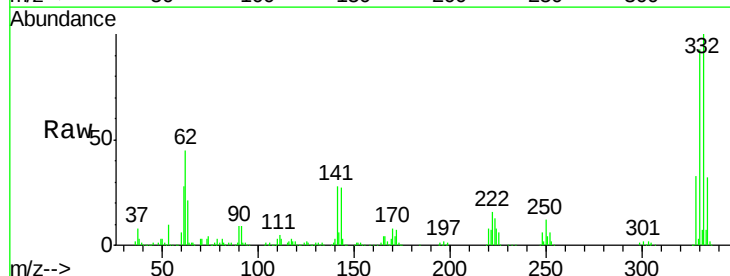
RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

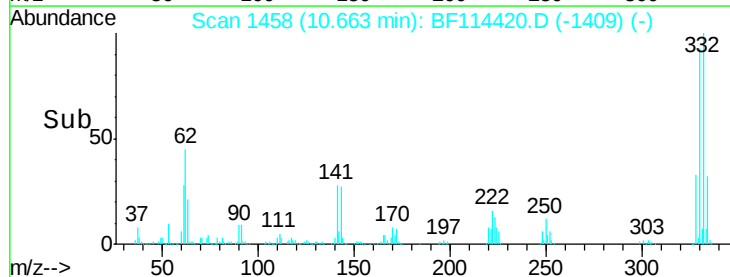
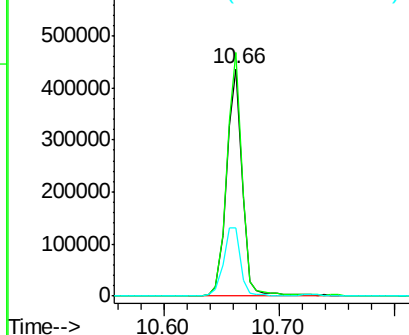
Lab File: BF114420.D

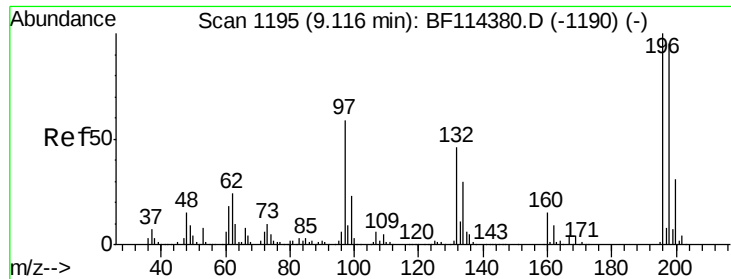
Acq: 19 May 2019 5:23

Tgt Ion:	330	Resp:	411096
Ion Ratio		Lower	Upper
330	100		
332	105.2	81.4	122.2
141	33.2	26.6	40.0



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





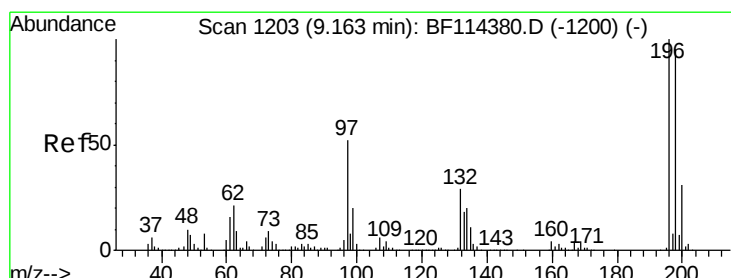
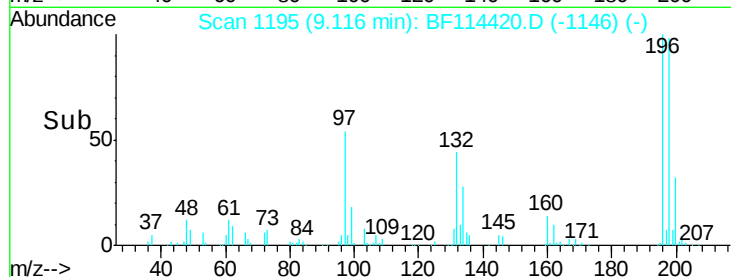
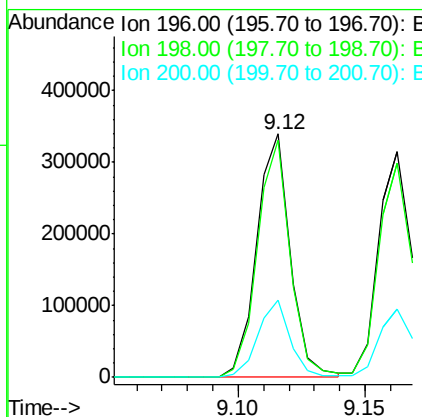
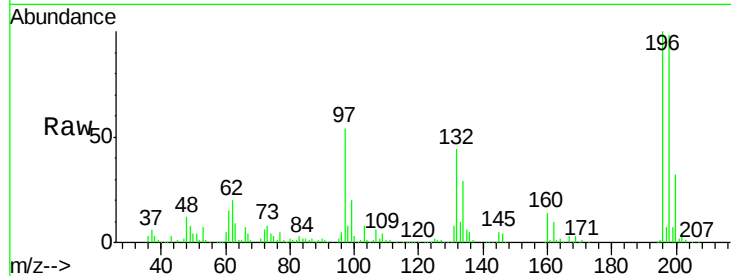
#43
 2,4,6-Trichlorophenol
 Concen: 37.448 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Tgt Ion:	196	Resp:	315073
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.9	113.9
200	31.6	23.5	35.3

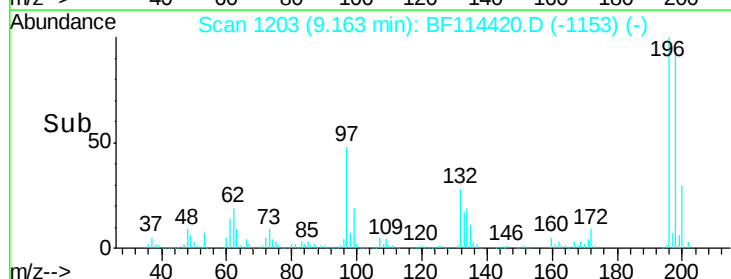
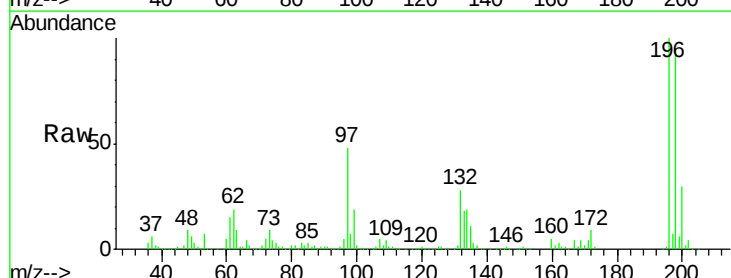
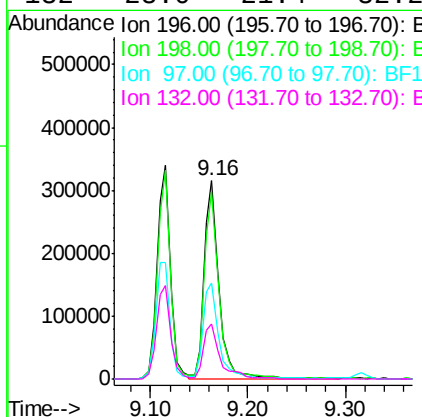
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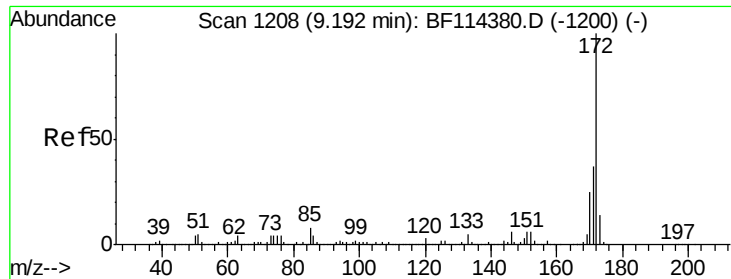
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#44
 2,4,5-Trichlorophenol
 Concen: 38.177 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion:	196	Resp:	329412
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.7	116.5
97	48.3	38.2	57.2
132	28.0	21.4	32.2





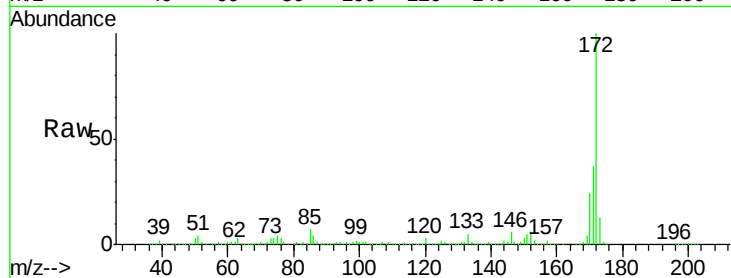
#45
2-Fluorobiphenyl
Concen: 80.586 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

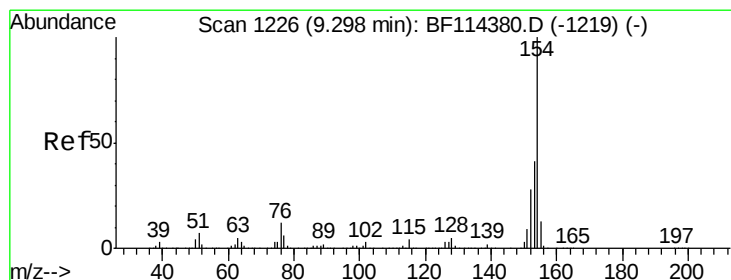
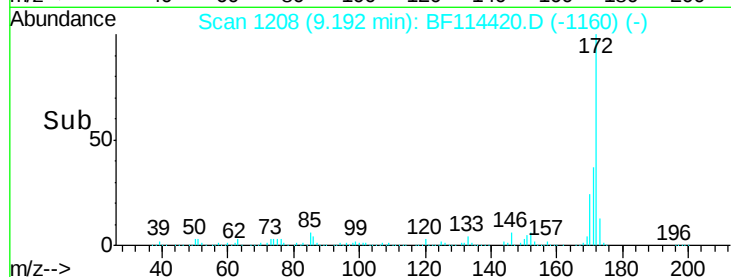
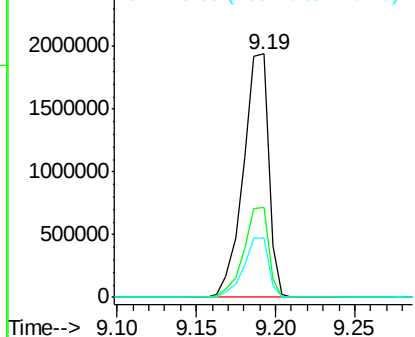
Tgt Ion:172 Resp: 2151247
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.4 20.5 30.7

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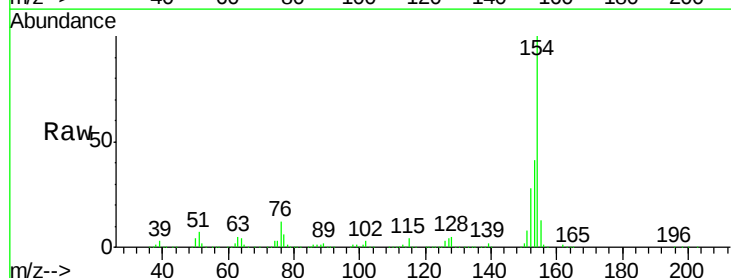


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

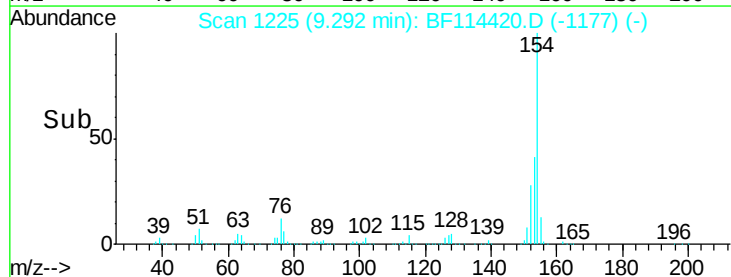
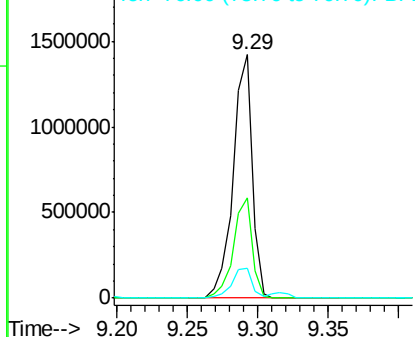


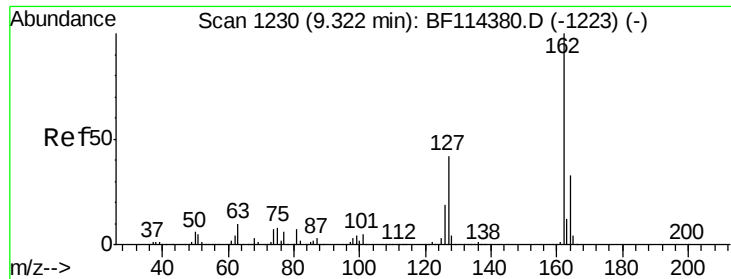
#46
1,1'-Biphenyl
Concen: 41.076 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:154 Resp: 1339977
Ion Ratio Lower Upper
154 100
153 41.0 21.9 61.9
76 12.3 0.0 32.8



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): BF1





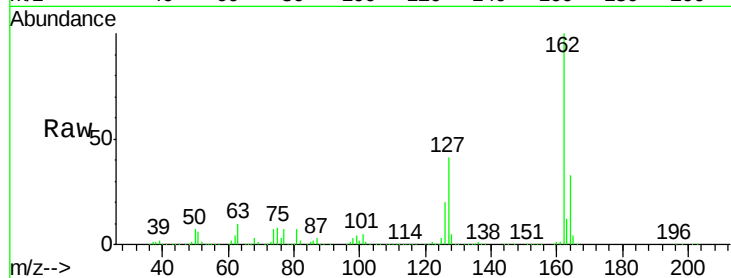
#47
 2-Chloronaphthalene
 Concen: 39.405 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleID :
 PB119833BS

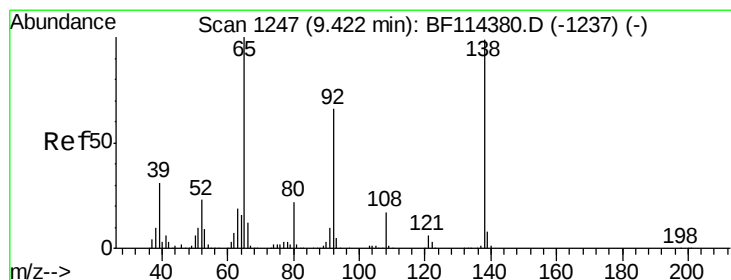
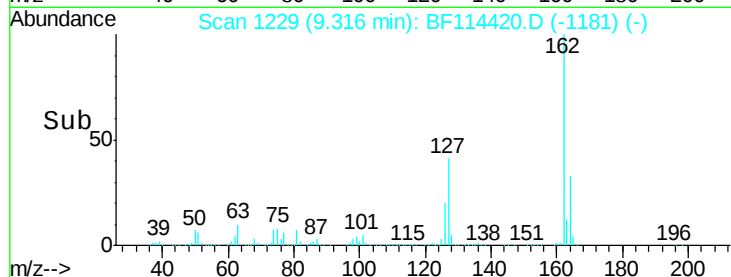
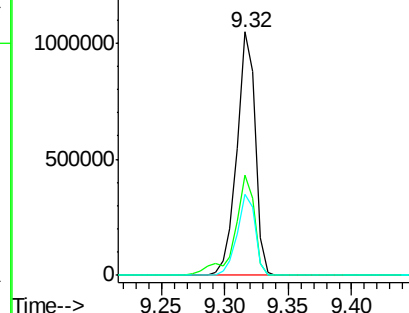
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	33.1	26.7	40.1

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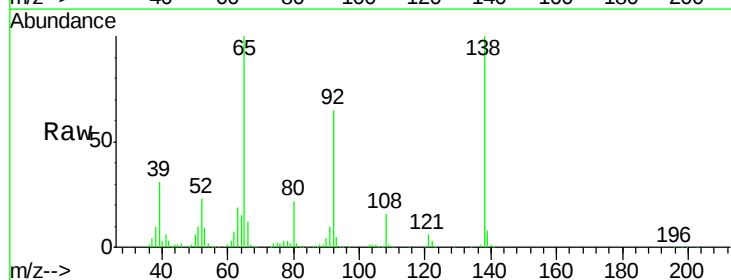


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

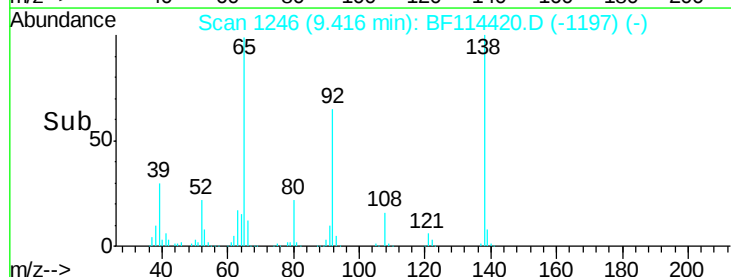
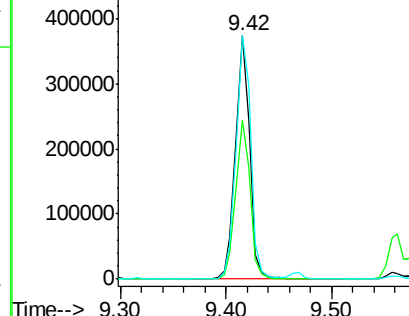


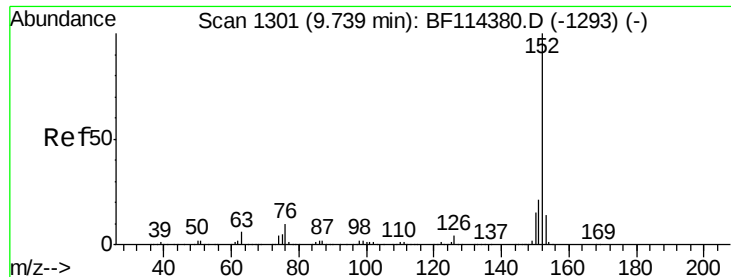
#48
 2-Nitroaniline
 Concen: 37.021 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.9	80.9
138	100.2	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.214 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion:152 Resp: 1605757

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

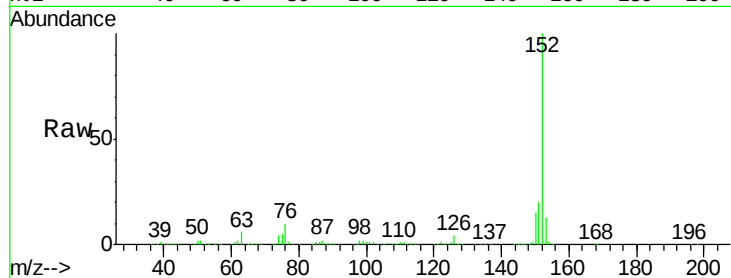
153 13.4 11.4 17.2

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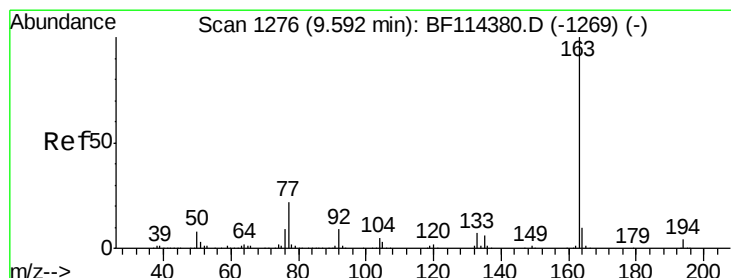
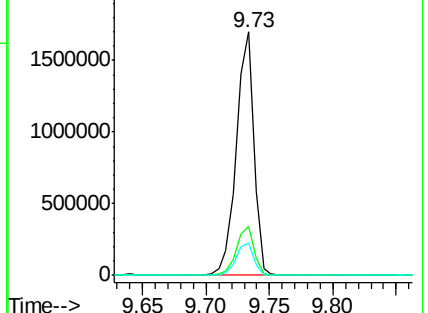
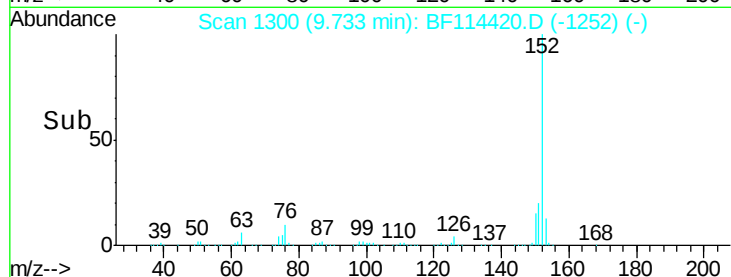
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.517 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

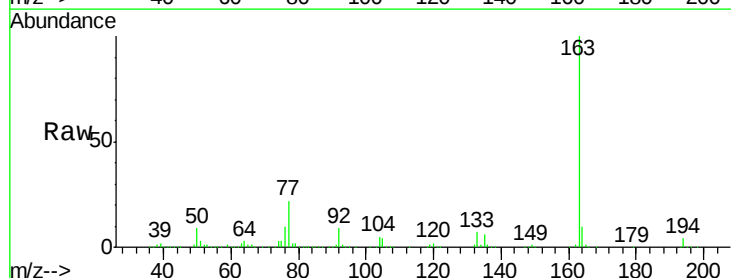
Tgt Ion:163 Resp: 1201047

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

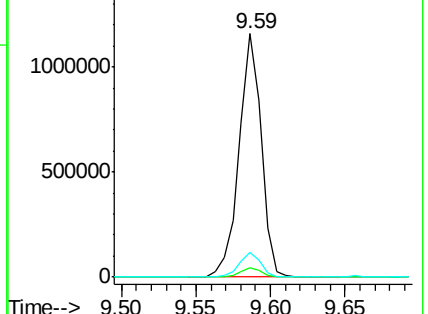
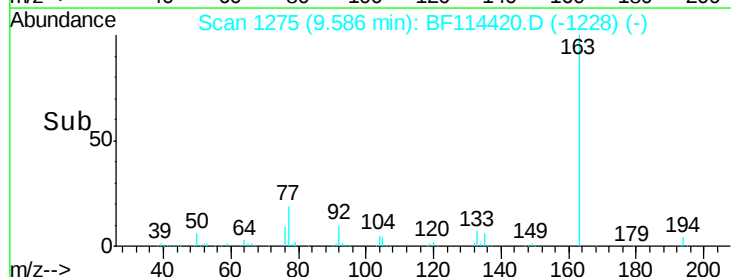
164 10.3 8.2 12.2

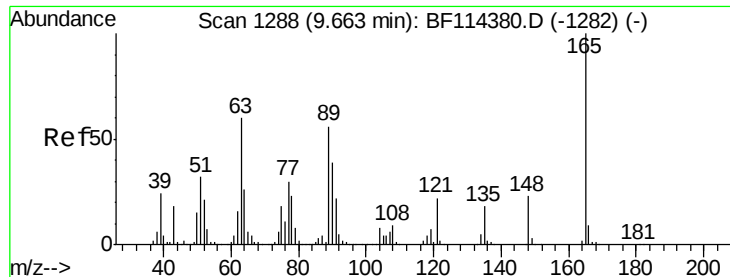


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





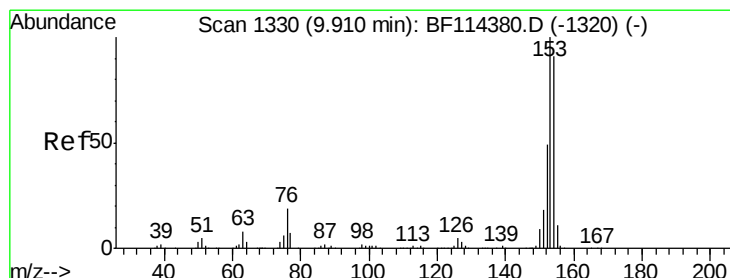
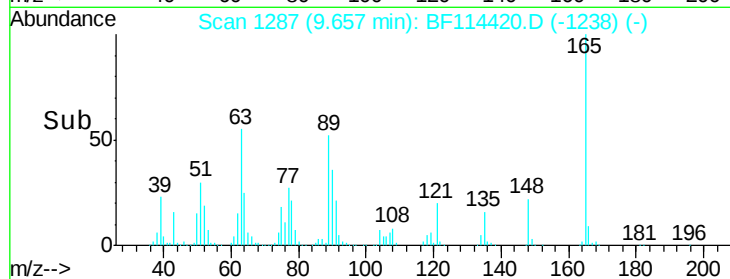
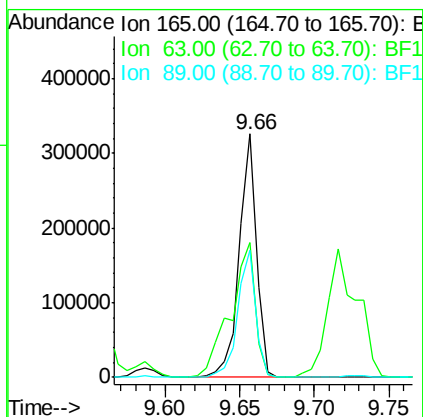
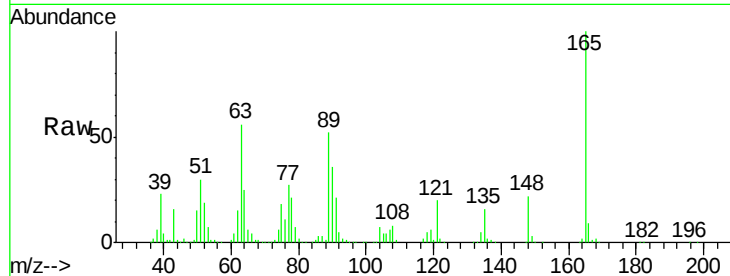
#51
2,6-Dinitrotoluene
Concen: 40.455 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampled :
PB119833BS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	55.5	50.2	75.4
89	52.5	46.6	69.8

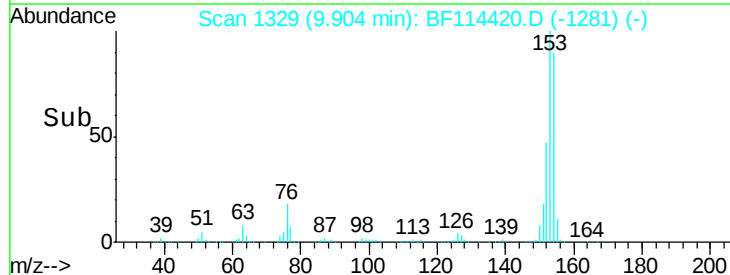
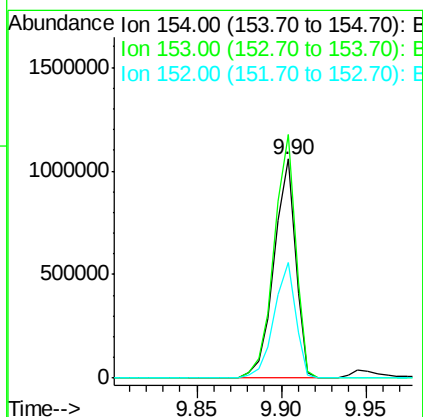
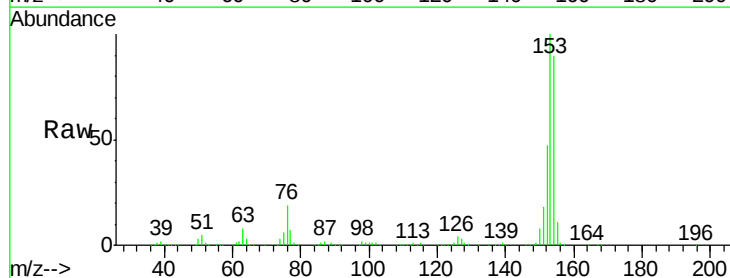
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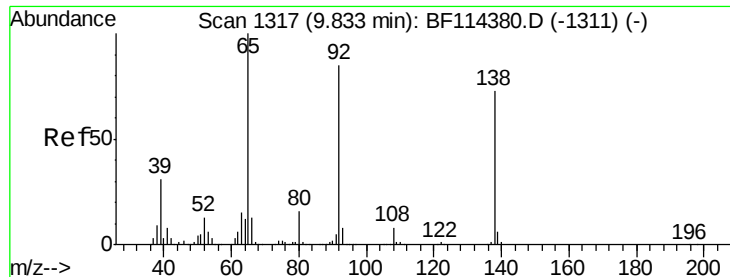
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#52
Acenaphthene
Concen: 38.419 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.3	90.5	135.7
152	52.8	43.4	65.2





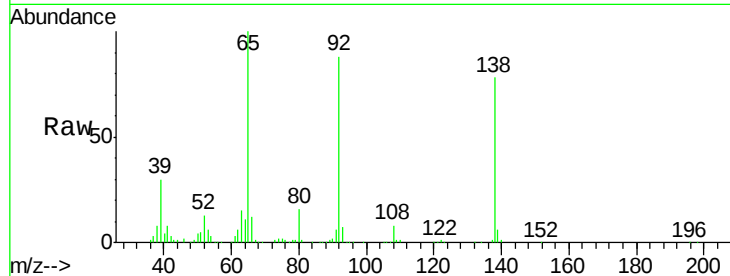
#53
3-Nitroaniline
Concen: 19.795 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampled :
PB119833BS

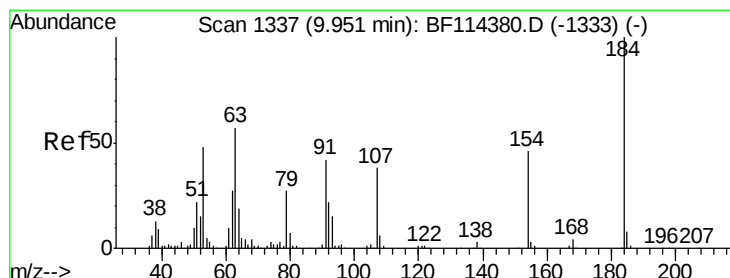
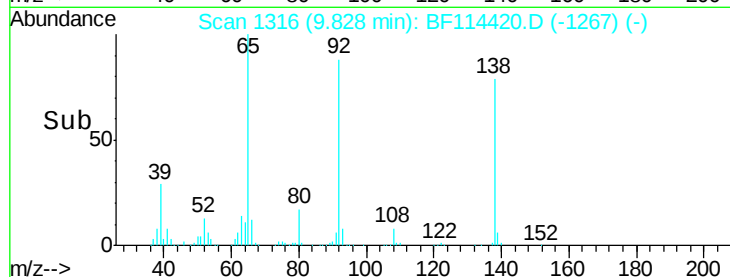
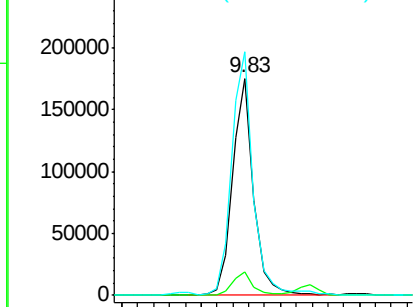
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	161557		
108	10.6	7.8	11.6	
92	112.3	91.2	136.8	

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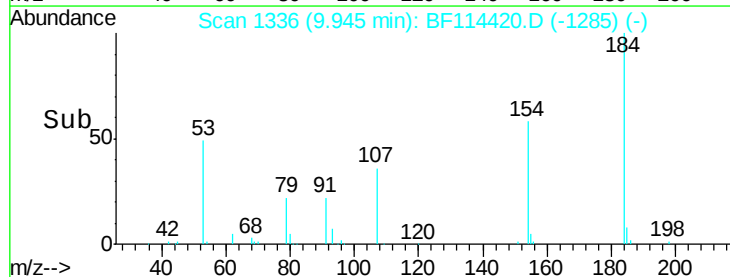
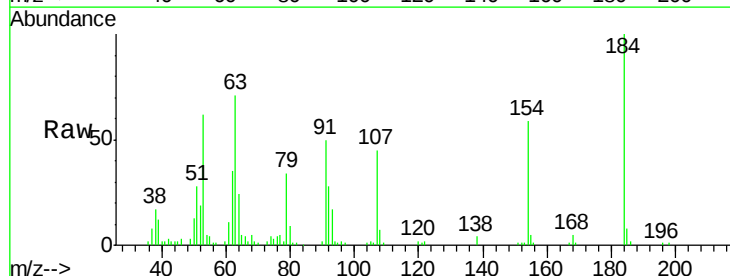
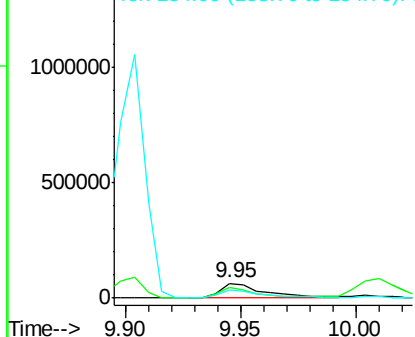
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

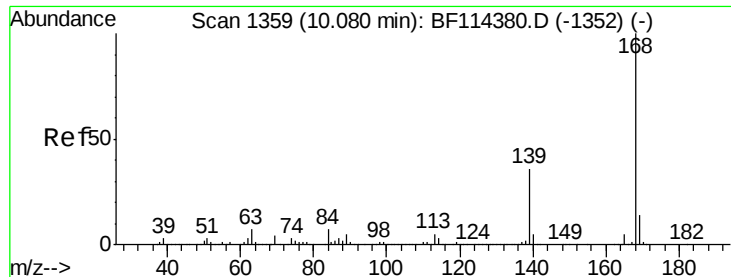


#54
2,4-Dinitrophenol
Concen: 30.734 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	86612		
63	70.5	55.6	83.4	
154	58.8	46.0	69.0	

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





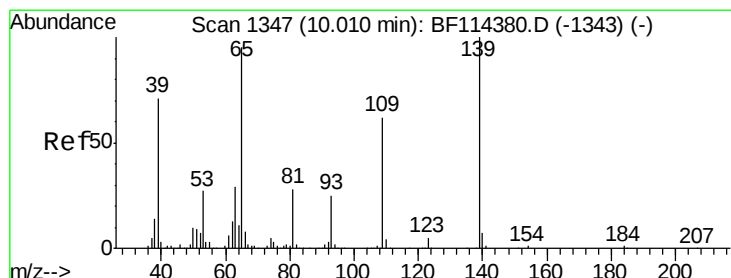
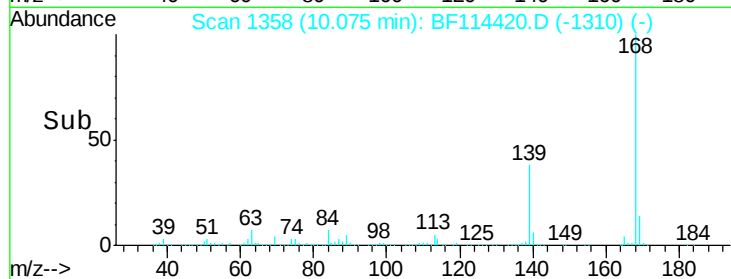
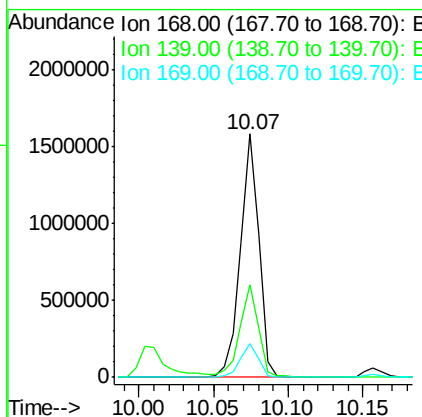
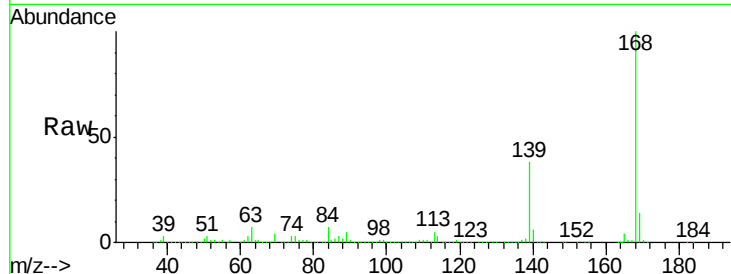
#55
Dibenzenofuran
Concen: 38.007 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	14.1	11.4	17.0

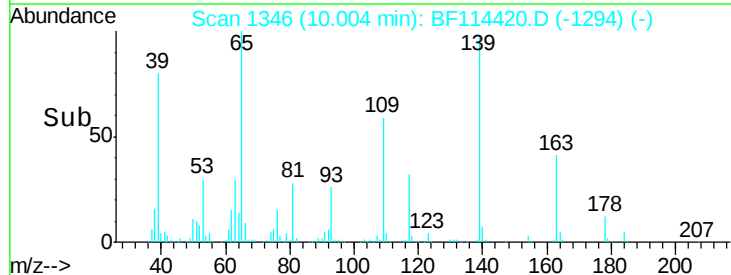
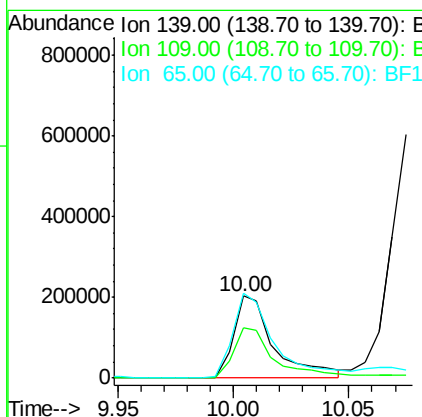
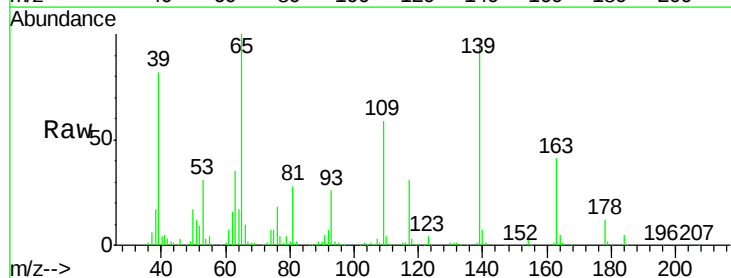
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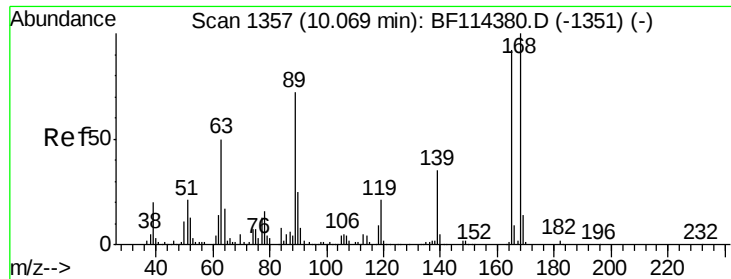
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#56
4-Nitrophenol
Concen: 43.020 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.9	83.9
65	103.4	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 35.559 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion:165 Resp: 317332
Ion Ratio Lower Upper

165 100

63 57.1 35.5 53.3#

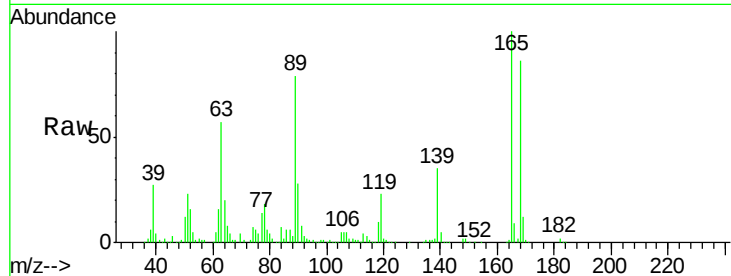
89 79.1 55.2 82.8

182 2.3 2.2 3.2

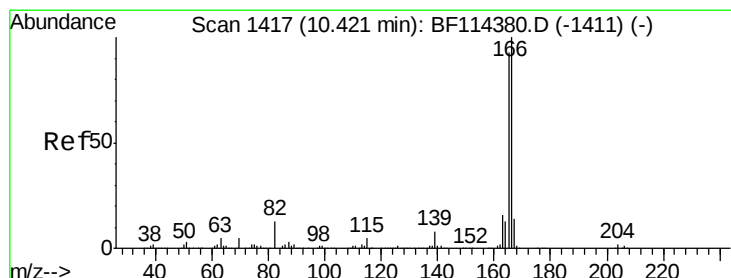
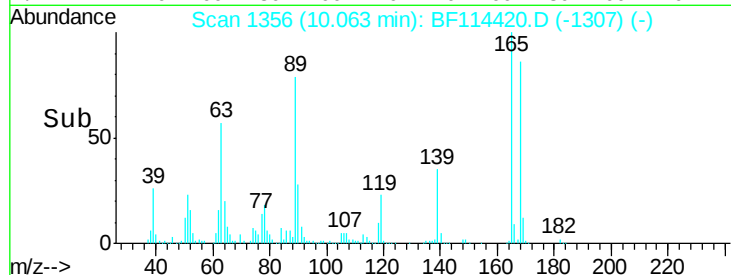
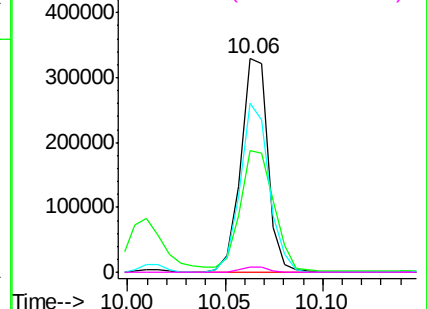
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.320 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

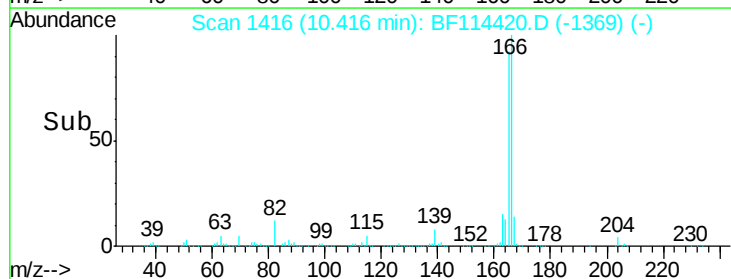
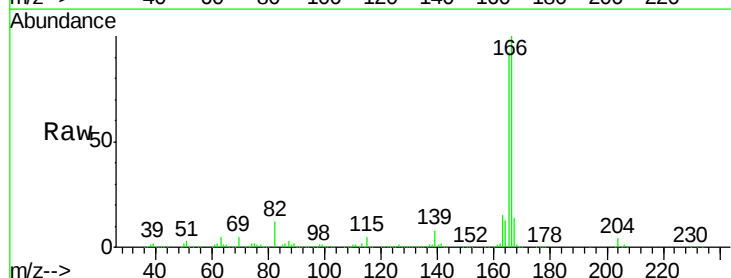
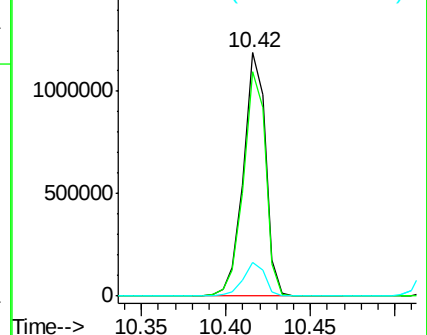
Tgt Ion:166 Resp: 1091241
Ion Ratio Lower Upper

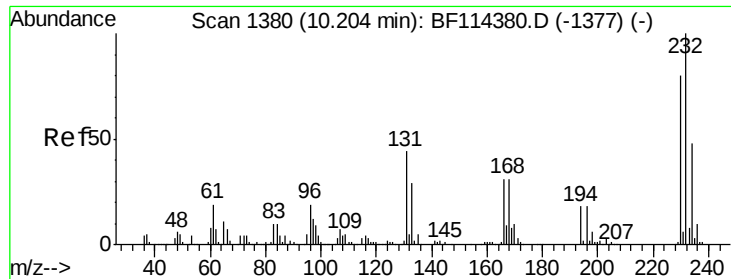
166 100

165 92.4 76.1 114.1

167 13.9 11.1 16.7

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





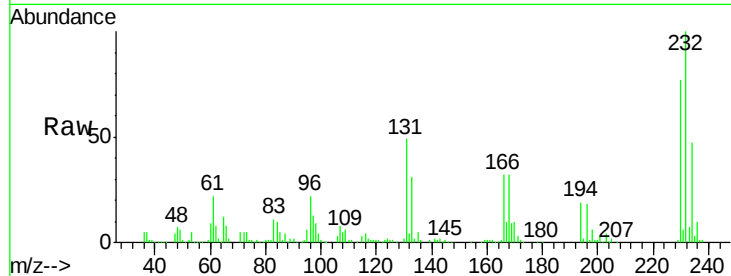
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.495 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

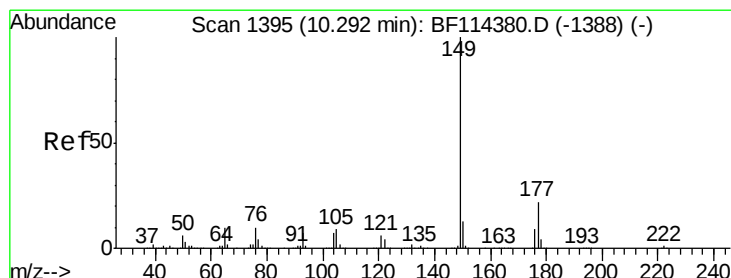
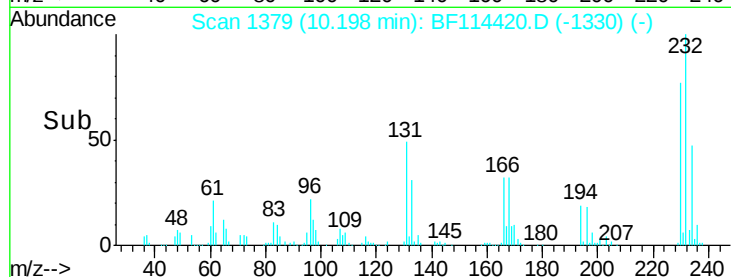
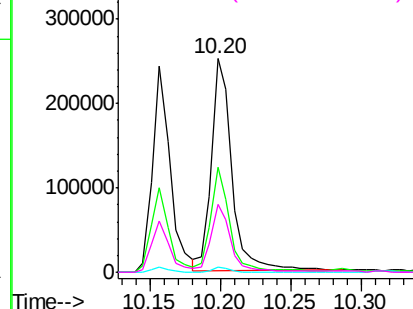
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	256815		
131	44.3	35.6	53.4	
130	2.1	1.6	2.4	
166	30.1	24.1	36.1	

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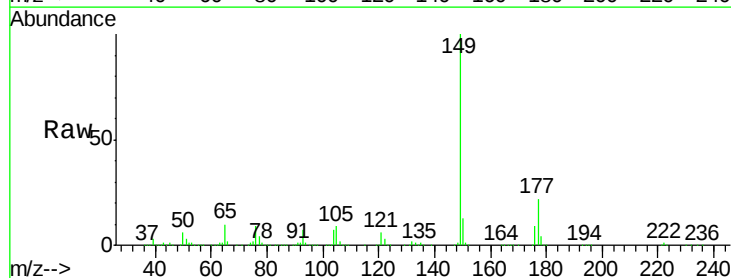


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

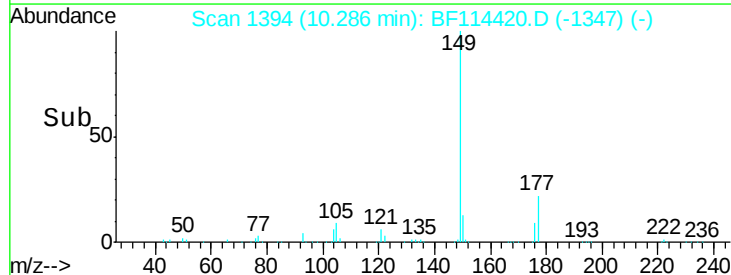
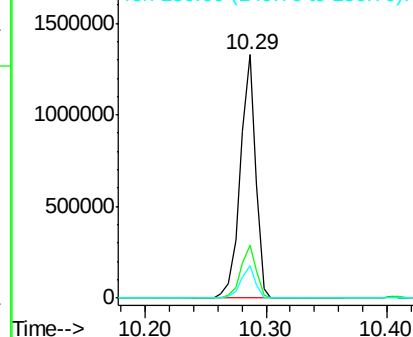


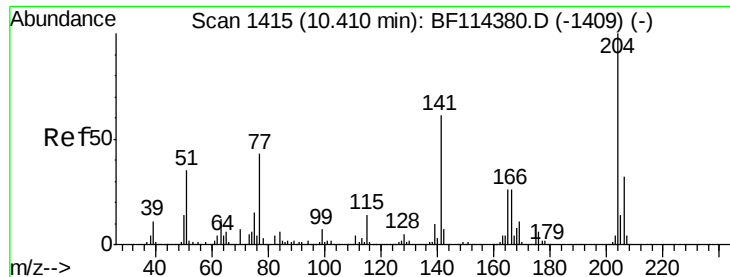
#60
 Diethylphthalate
 Concen: 39.273 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1182881		
177	21.9	17.8	26.6	
150	13.1	10.2	15.2	



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





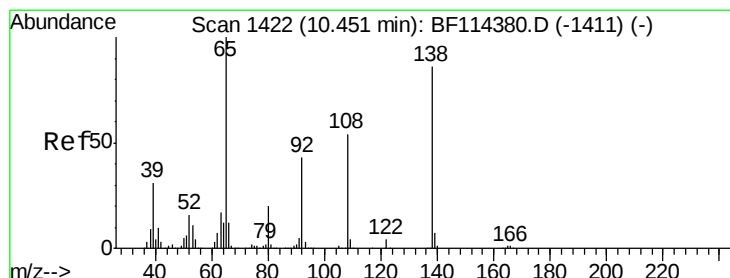
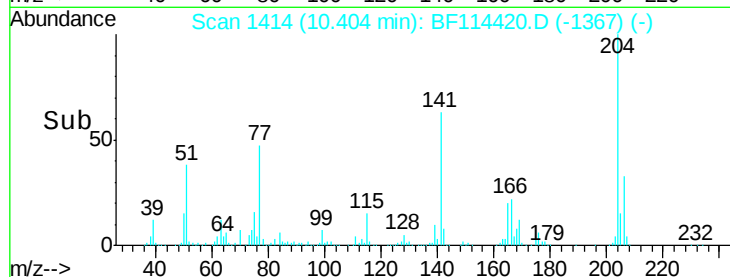
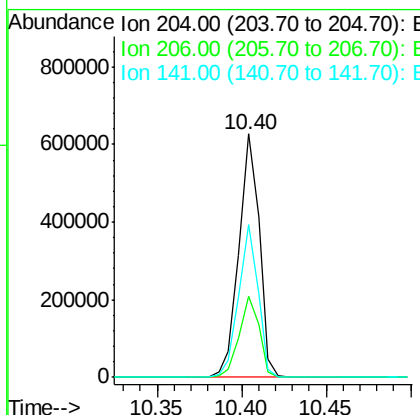
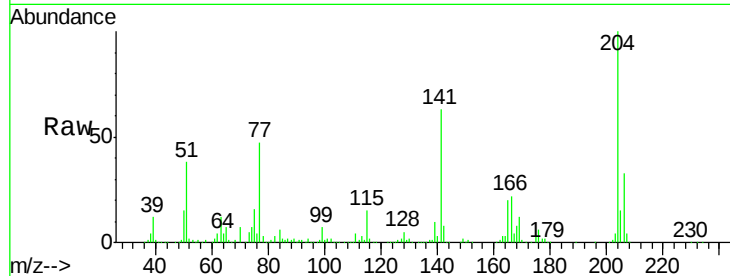
#61
 4-Chlorophenyl-phenylether
 Concen: 38.580 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	63.0	46.4	69.6

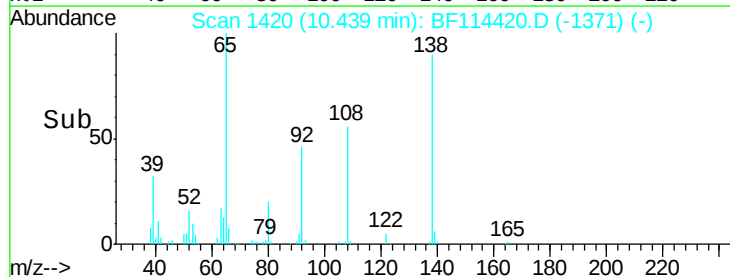
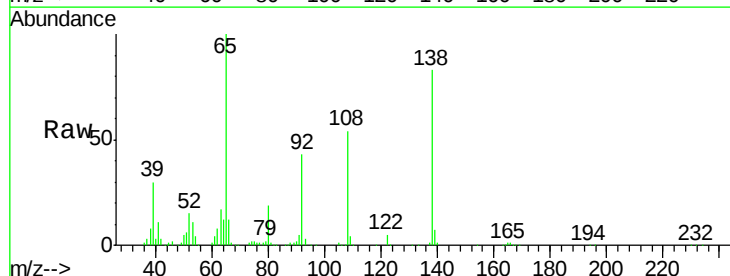
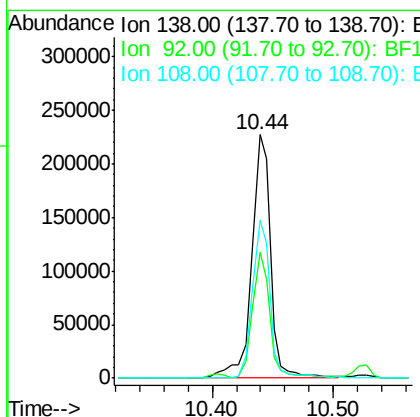
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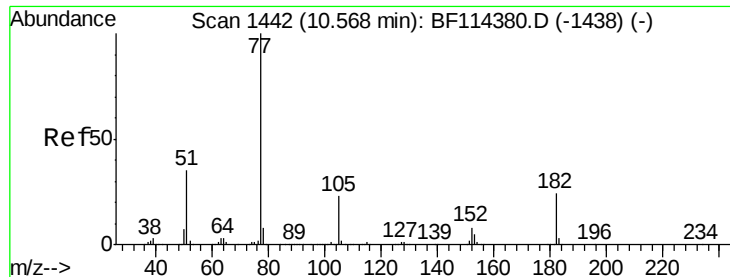
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#62
 4-Nitroaniline
 Concen: 29.134 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	33.0	73.0
108	64.7	44.9	84.9





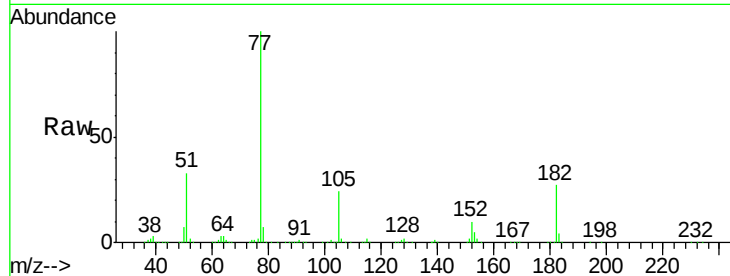
#63
Azobenzene
Concen: 38.928 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

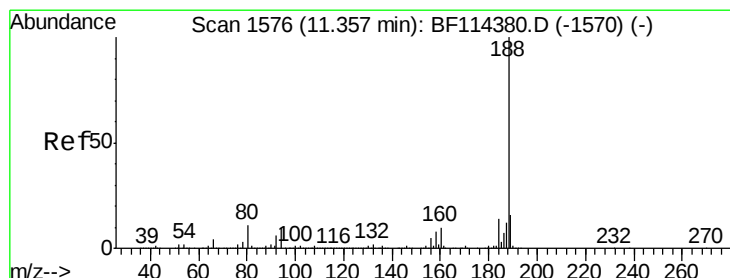
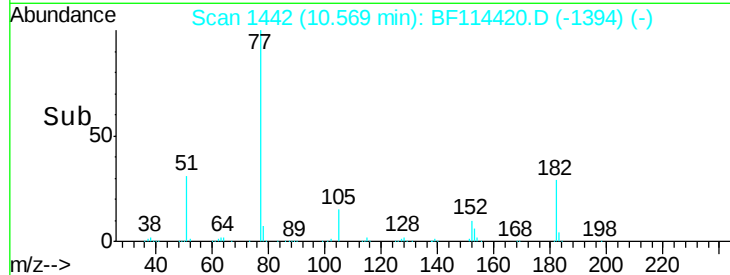
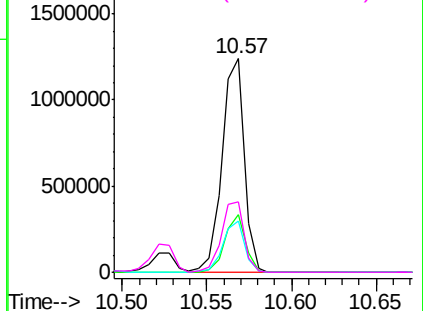
Tgt Ion: 77 Resp: 1134893
Ion Ratio Lower Upper
77 100
182 27.2 4.7 44.7
105 24.2 2.9 42.9
51 33.1 14.6 54.6

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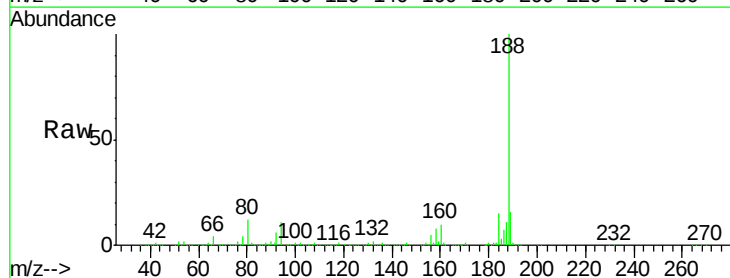


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

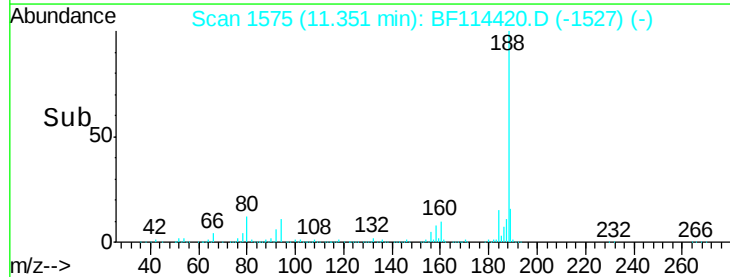
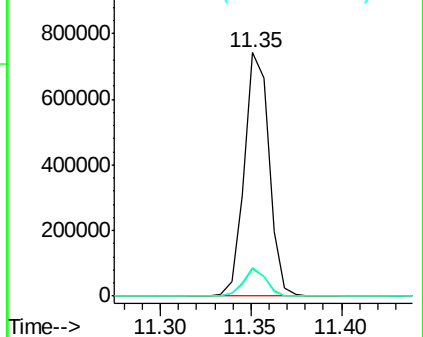


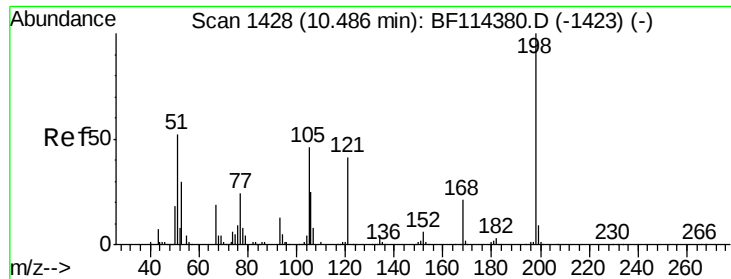
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion: 188 Resp: 702156
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 25.646 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

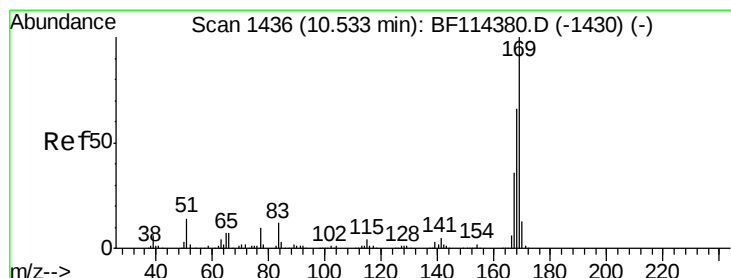
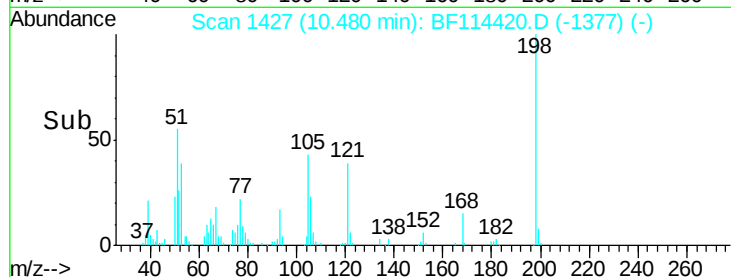
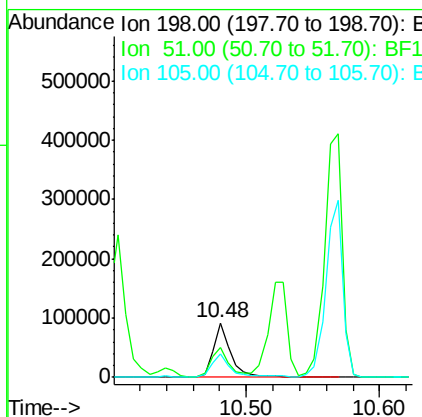
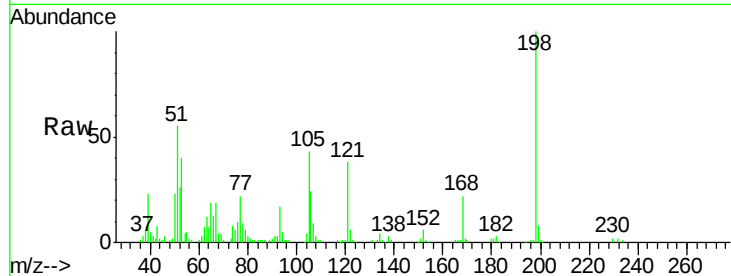
ClientSampleId :

PB119833BS

Tgt Ion:	198	Resp:	86527
Ion Ratio	Lower	Upper	
198	100		
51	54.6	28.0	68.0
105	43.1	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 45.151 ng

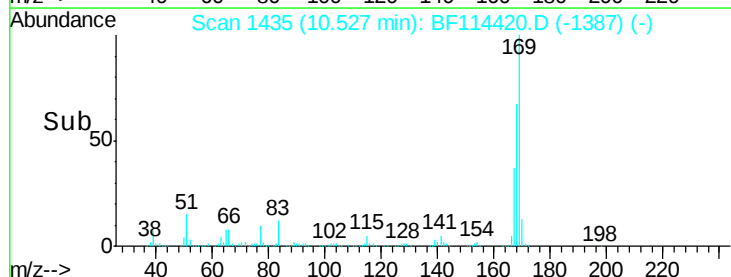
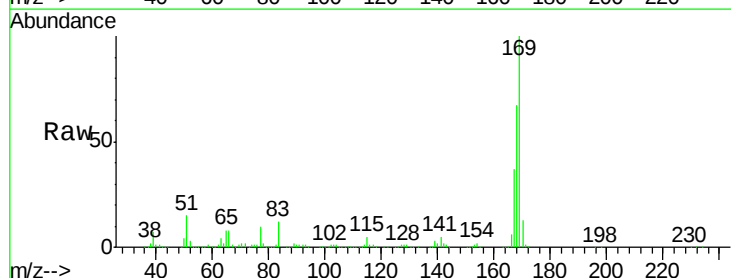
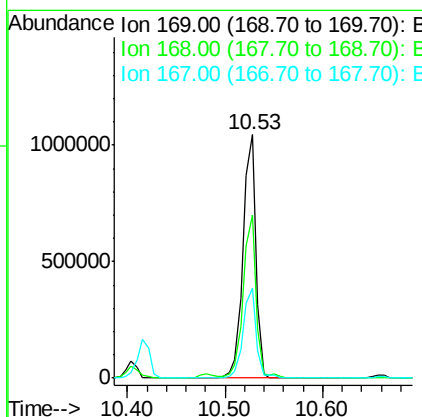
RT: 10.53 min Scan# 1435

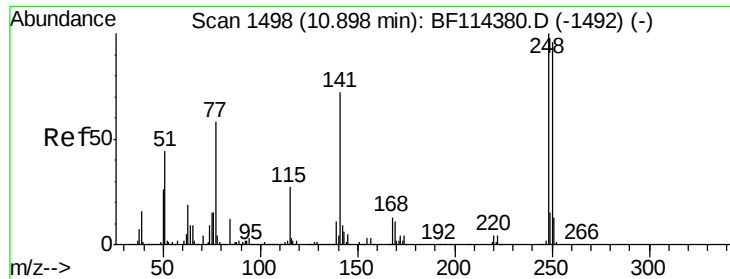
Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:	169	Resp:	962189
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.2	81.2
167	37.2	29.8	44.8





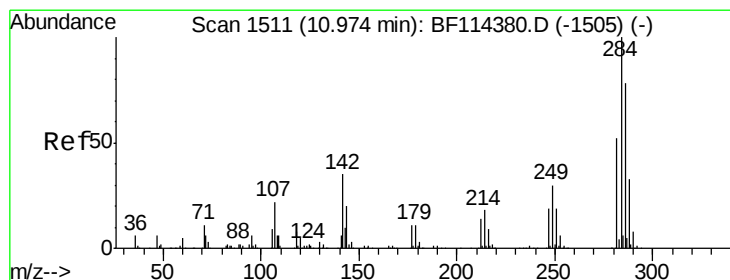
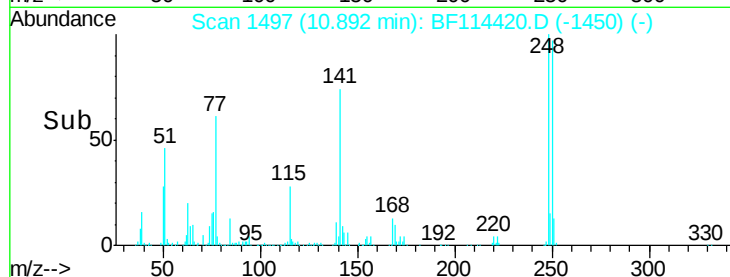
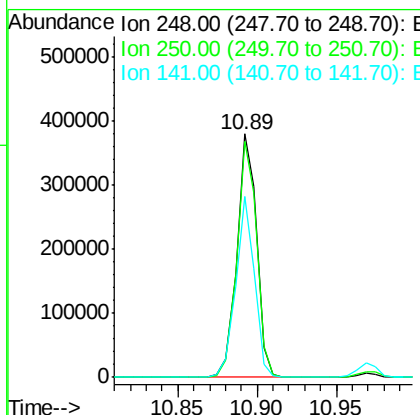
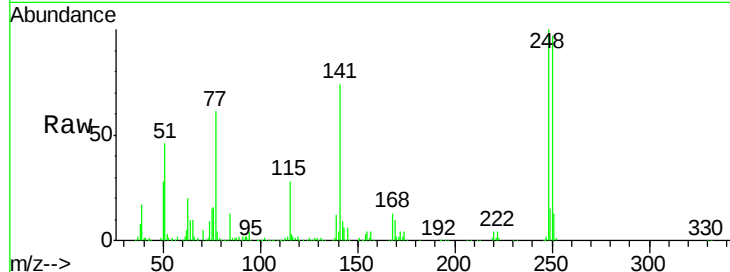
#67
 4-Bromophenyl-phenylether
 Concen: 42.462 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.4	116.2
141	74.2	55.6	83.4

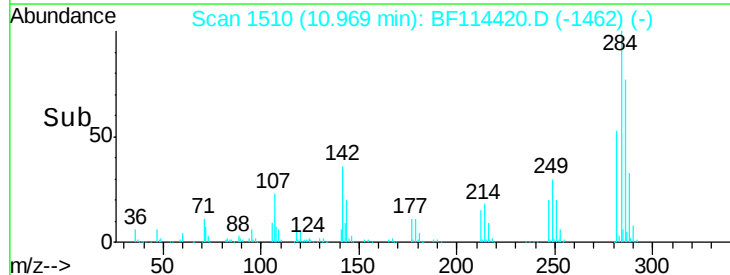
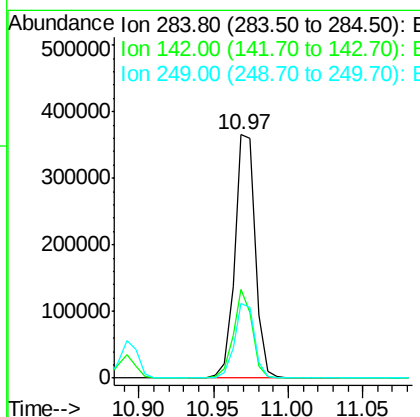
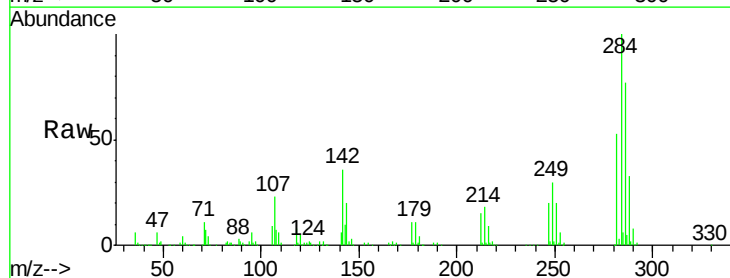
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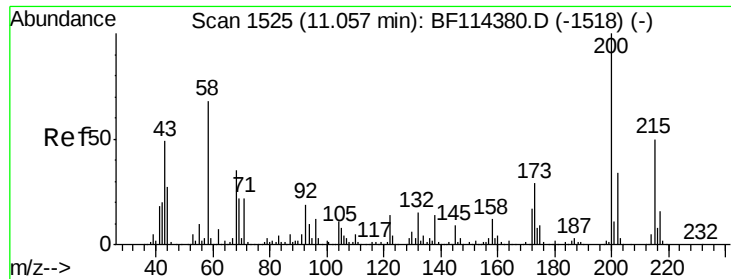
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#68
 Hexachlorobenzene
 Concen: 41.334 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.4	42.6
249	30.4	25.2	37.8





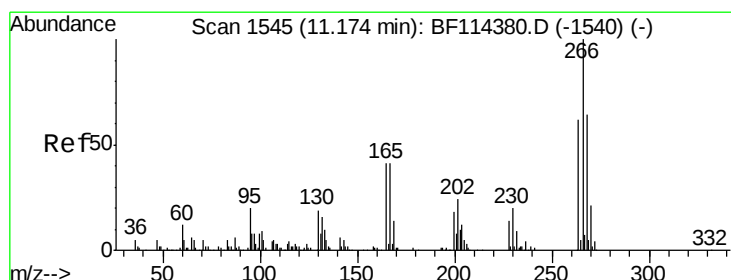
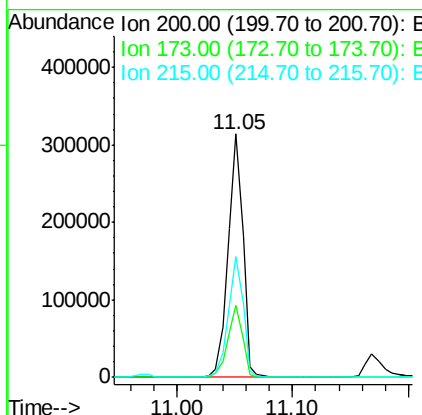
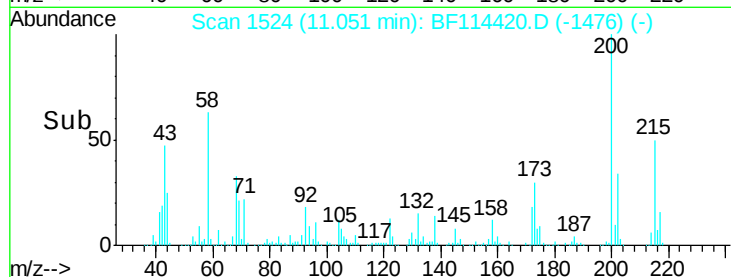
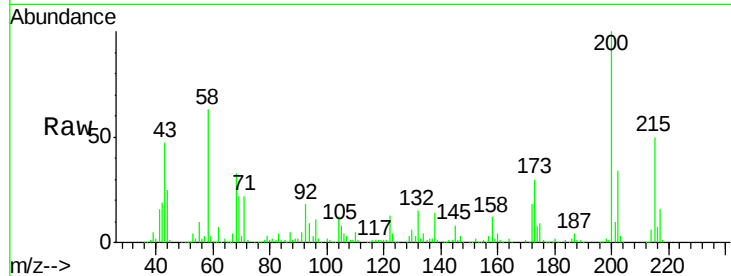
#69
Atrazine
Concen: 42.231 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.6	8.9	48.9
215	49.5	30.7	70.7

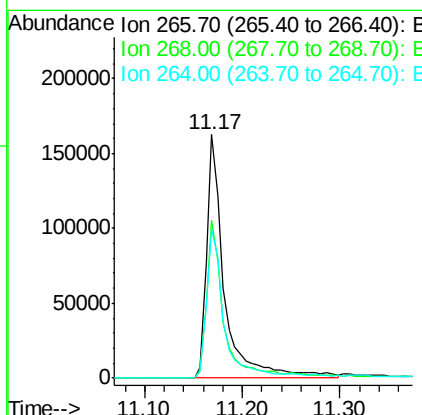
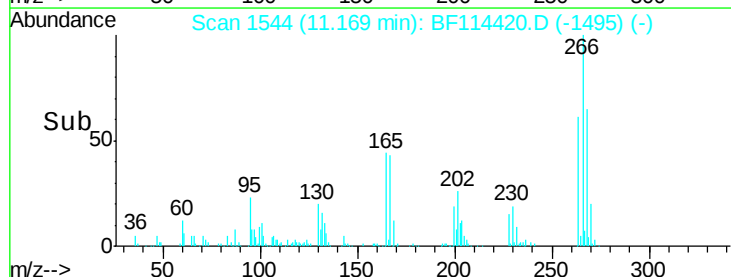
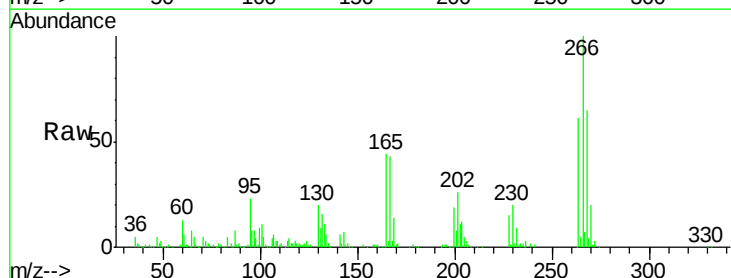
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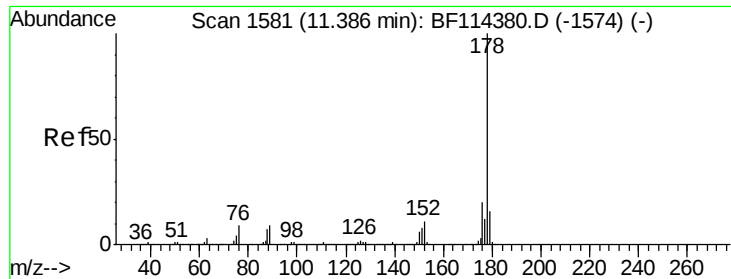
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#70
Pentachlorophenol
Concen: 51.035 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	51.1	76.7
264	61.4	51.1	76.7





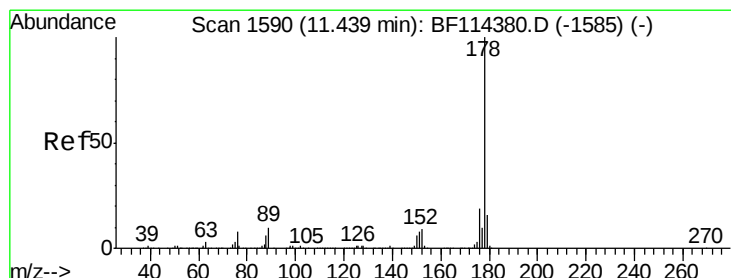
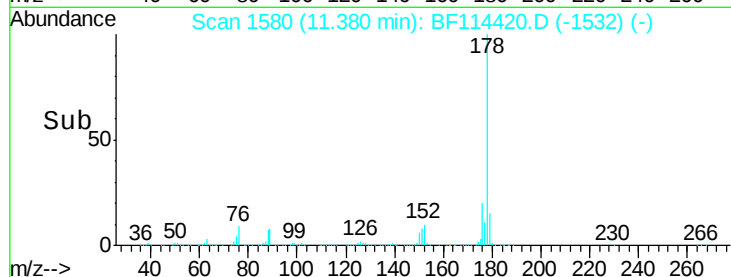
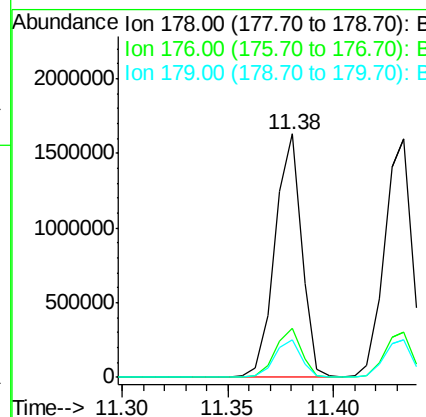
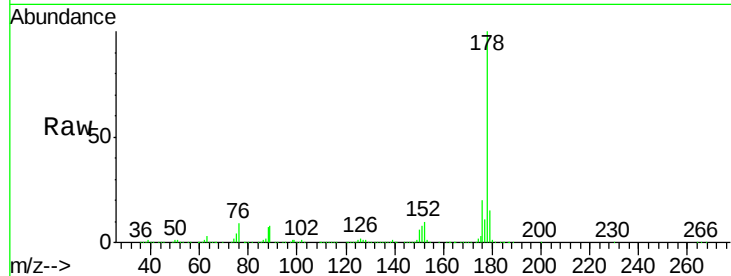
#71
Phenanthrene
Concen: 41.955 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion:178 Resp: 1433228
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.4 13.2 19.8

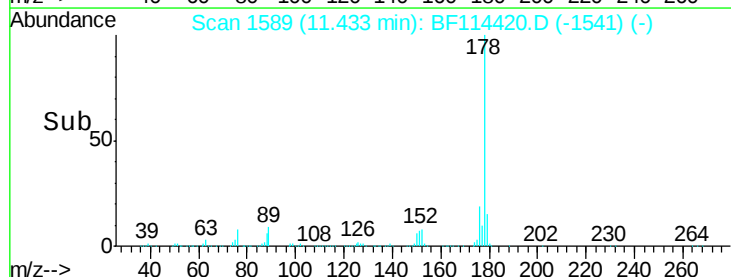
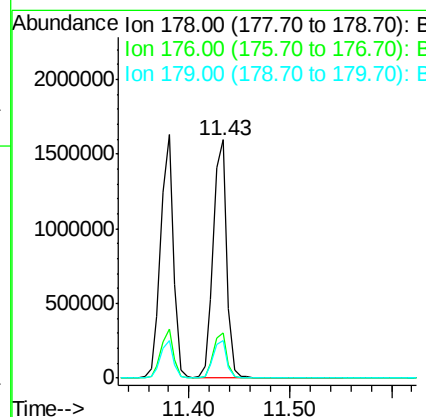
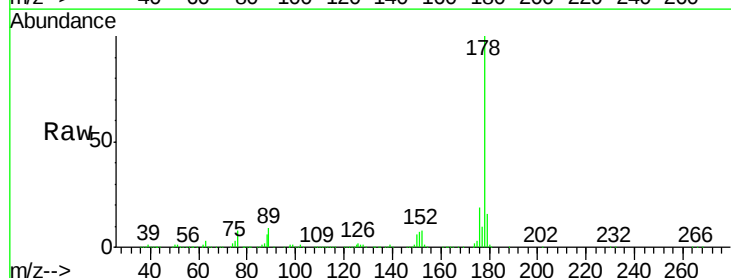
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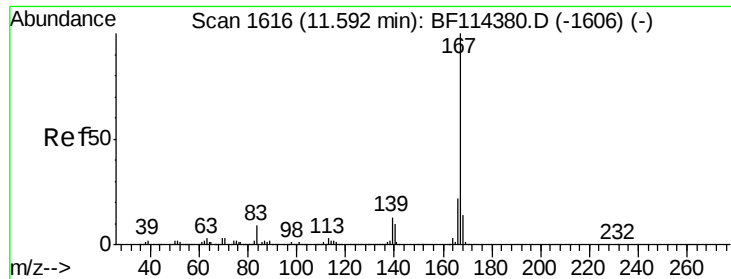
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#72
Anthracene
Concen: 42.971 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:178 Resp: 1474410
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.5 13.0 19.4





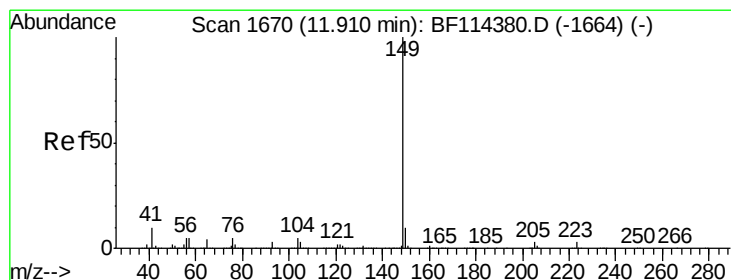
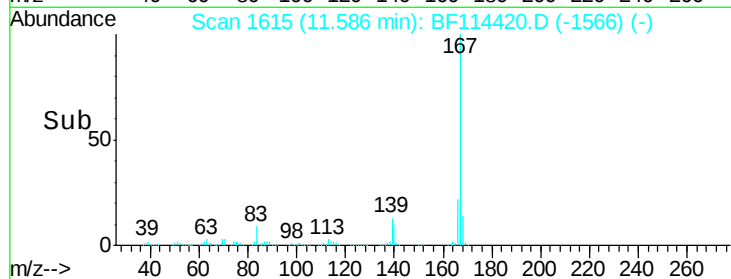
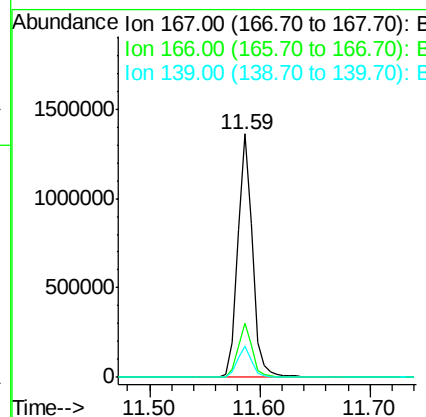
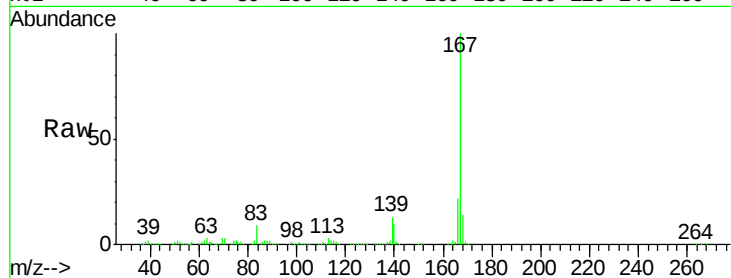
#73
 Carbazole
 Concen: 38.809 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	12.6	10.6	16.0

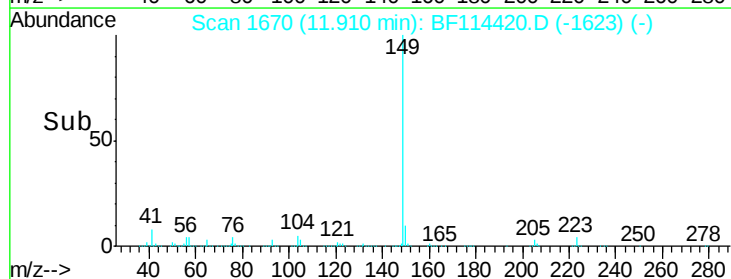
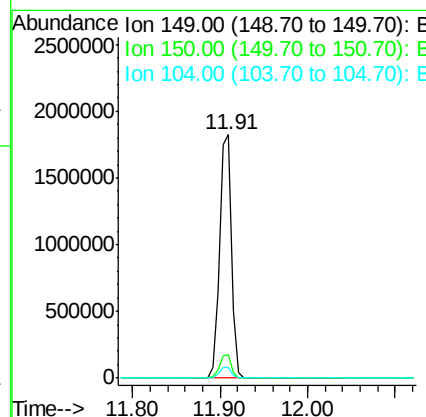
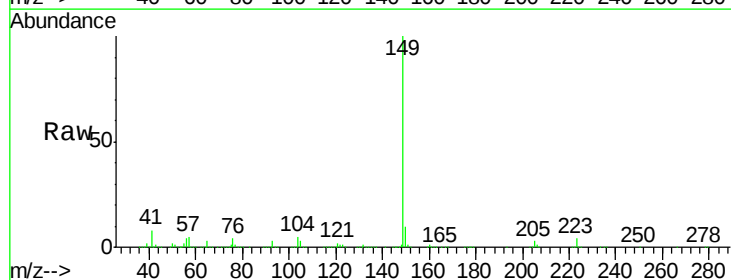
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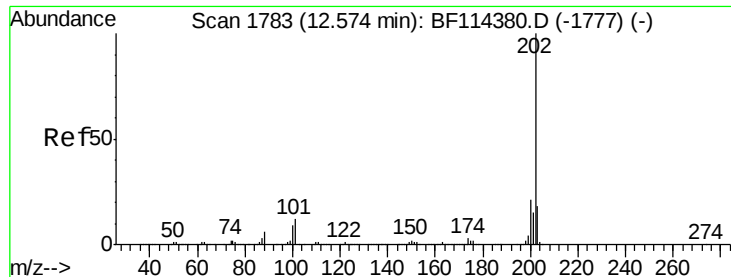
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#74
 Di-n-butylphthalate
 Concen: 45.733 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 37.056 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion:202 Resp: 1363178

Ion Ratio Lower Upper

202 100

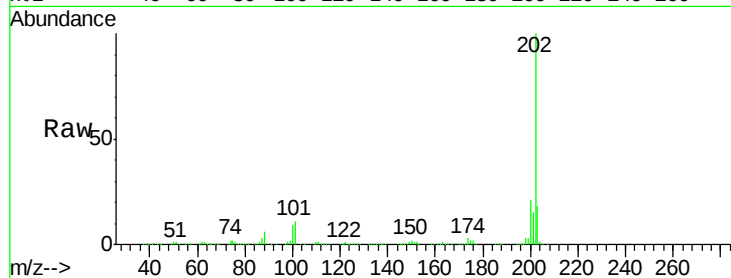
101 11.3 0.0 31.0

203 18.2 0.0 38.4

Manual Integrations
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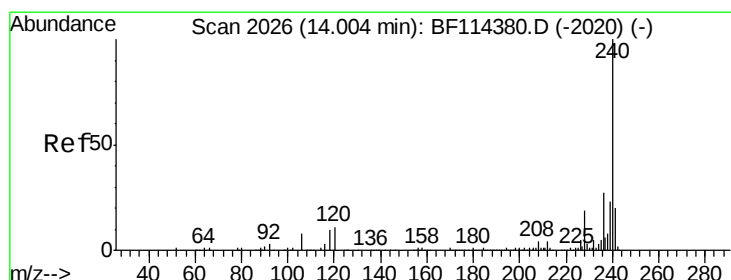
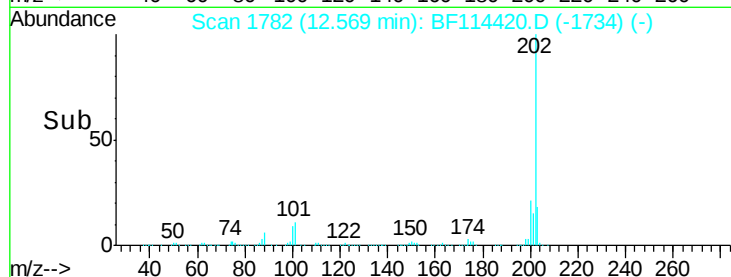
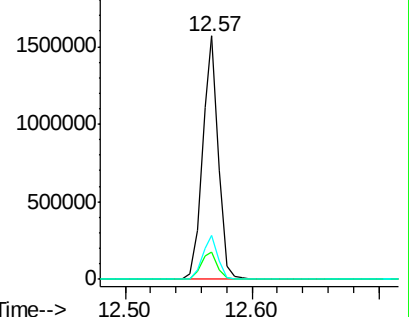
5/21/2019 7:18:33 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

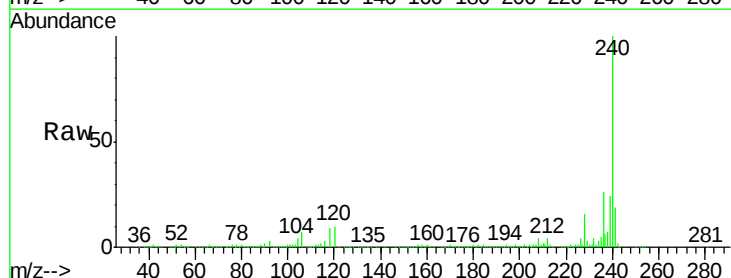
Tgt Ion:240 Resp: 426973

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

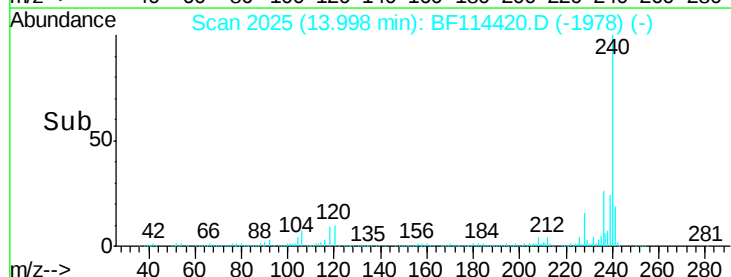
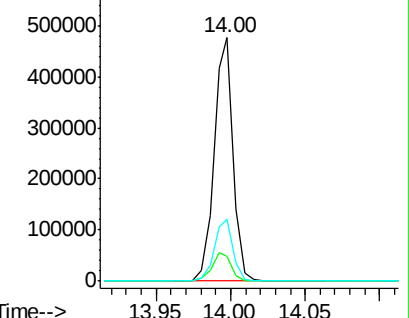
236 25.6 20.8 31.2

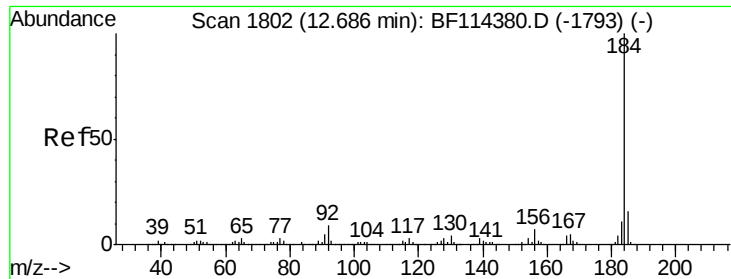


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.932 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

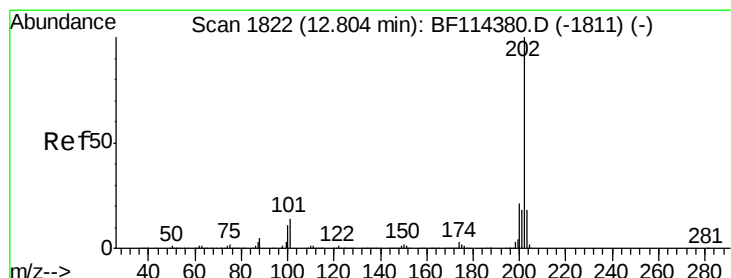
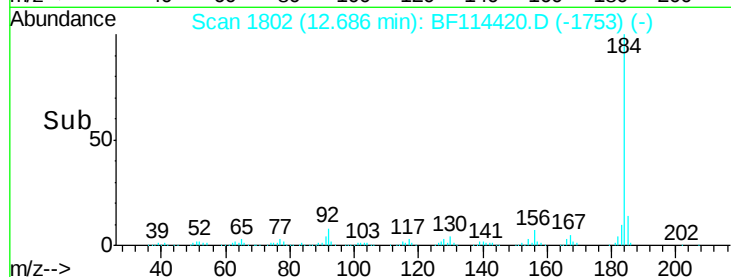
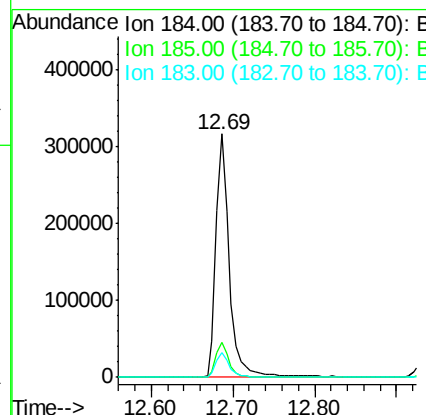
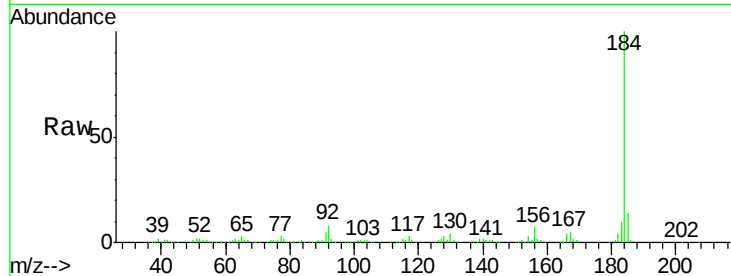
ClientSampleId :

PB119833BS

Tgt Ion:	184	Resp:	362849
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.6	20.4
183	10.4	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 39.808 ng

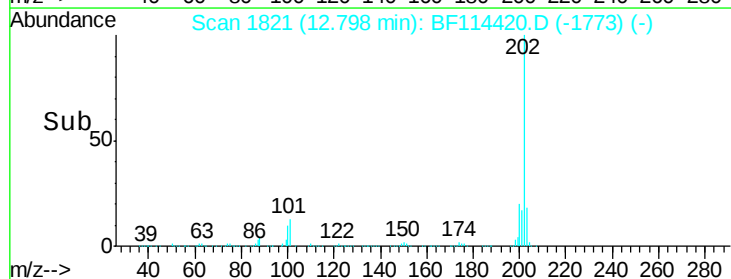
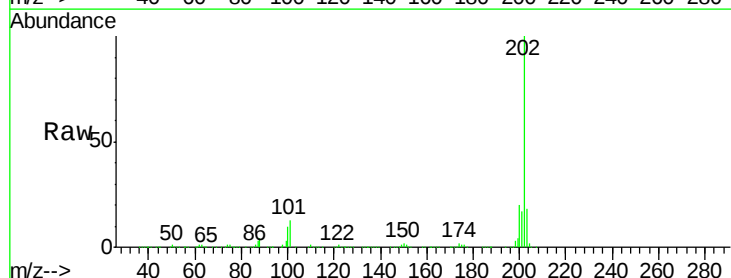
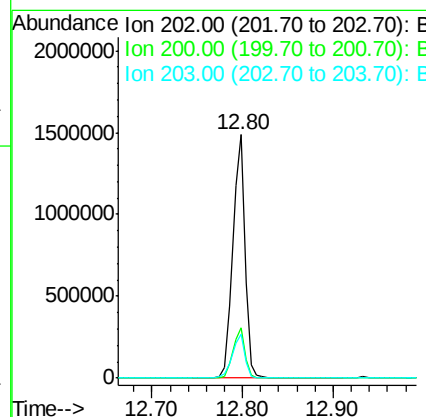
RT: 12.80 min Scan# 1821

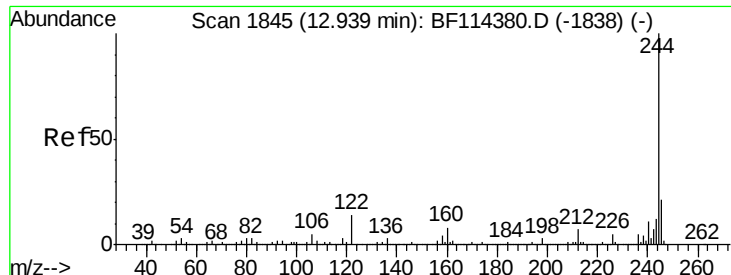
Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:	202	Resp:	1367326
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.9	25.3
203	17.8	14.5	21.7





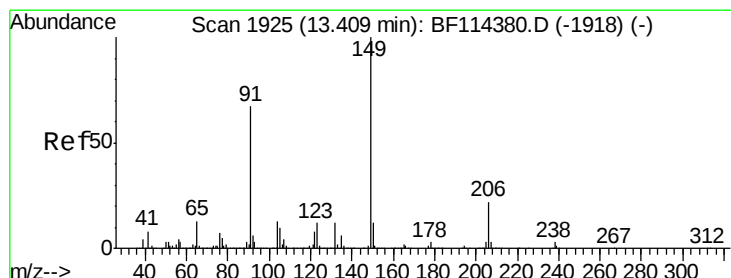
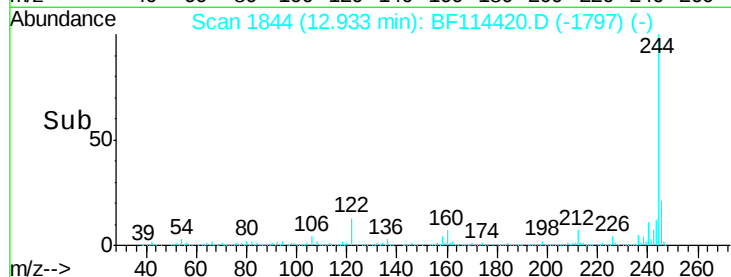
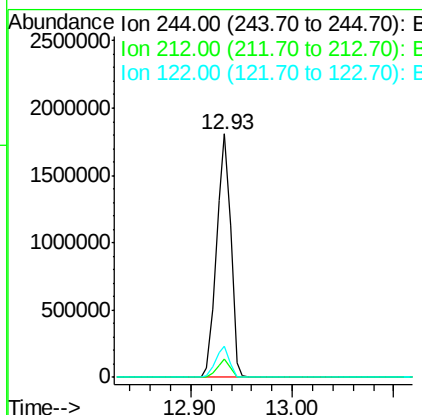
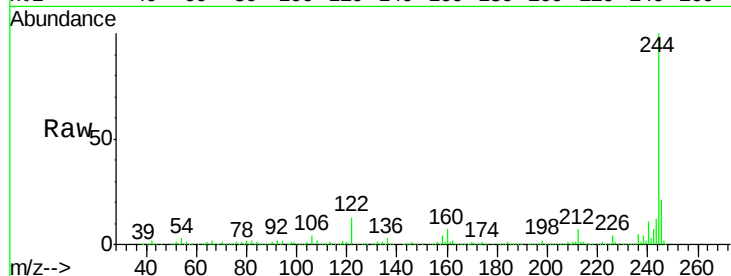
#79
 Terphenyl-d14
 Concen: 84.773 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119833BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	12.8	9.4	14.2

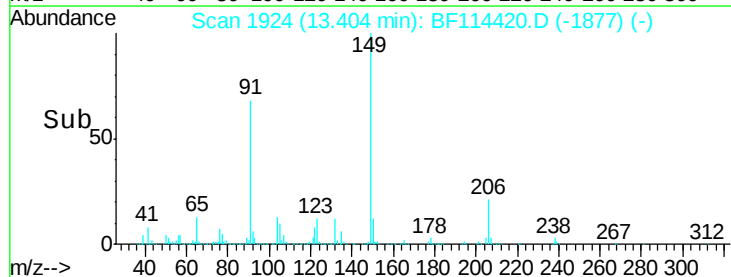
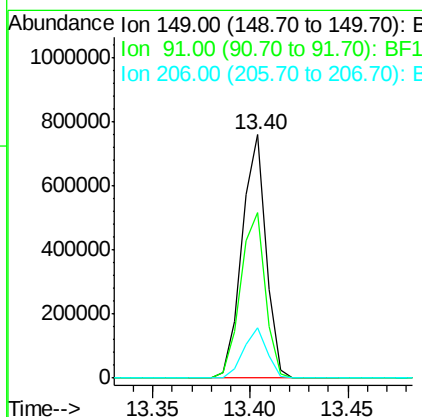
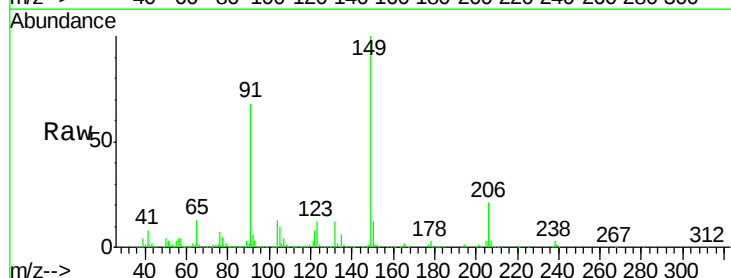
Manual Integrations
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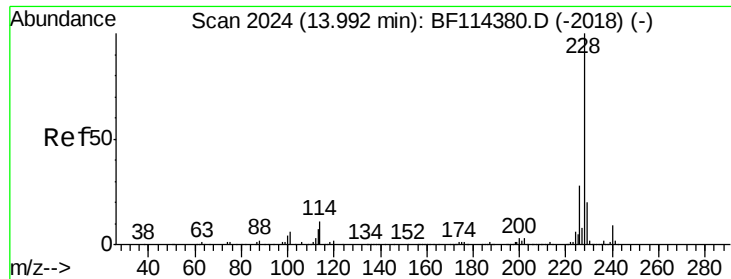
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#80
 Butylbenzylphthalate
 Concen: 44.859 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	55.0	82.4
206	20.8	16.9	25.3





#81

Benzo(a)anthracene

Concen: 40.921 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

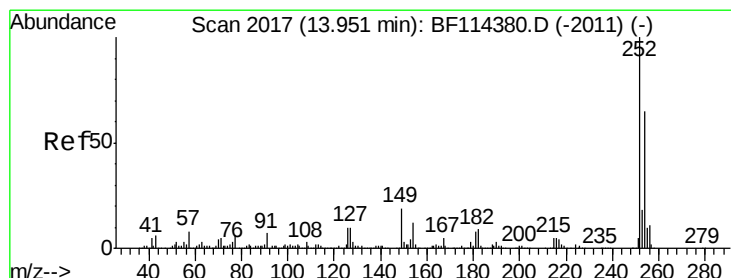
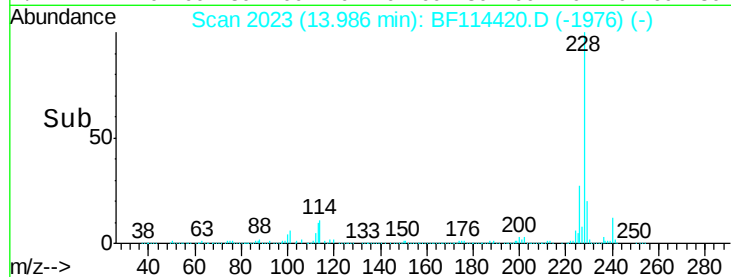
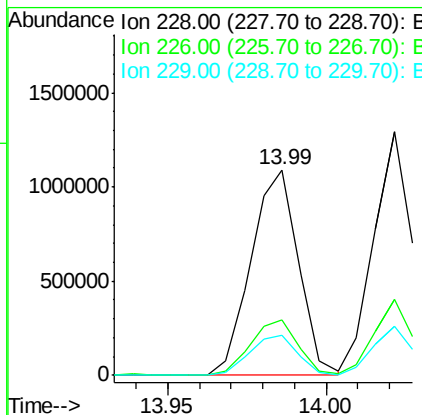
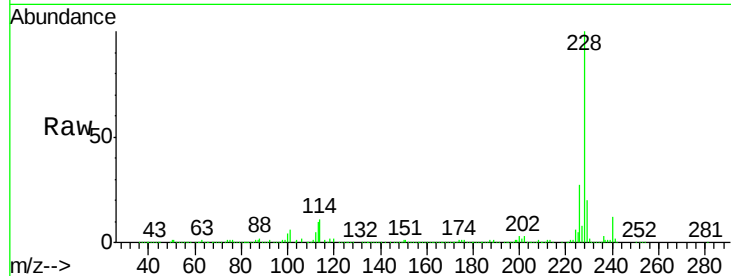
ClientSampleId :

PB119833BS

Tgt Ion:	228	Resp:	1130077
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	19.6	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.474 ng

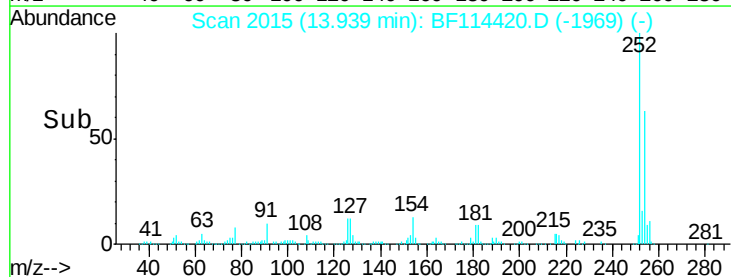
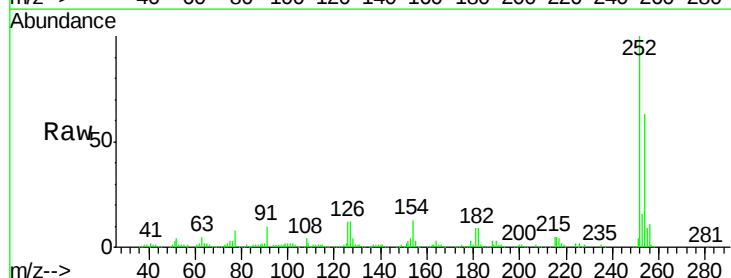
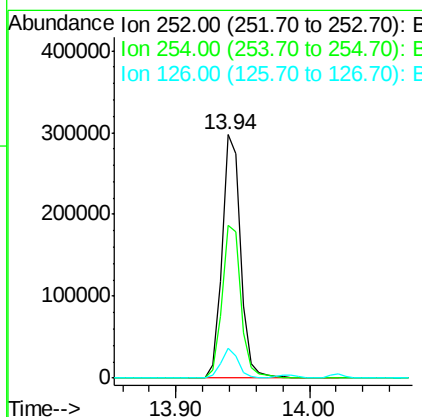
RT: 13.94 min Scan# 2015

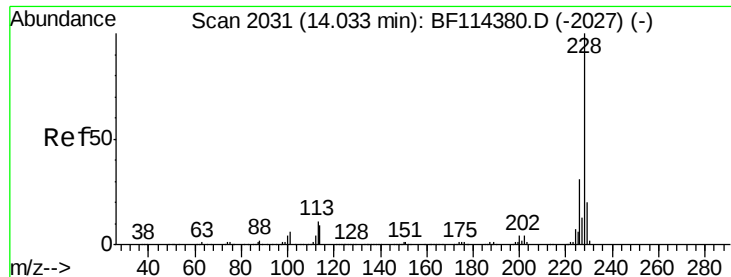
Delta R.T. -0.03 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:	252	Resp:	294330
Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.9	77.9
126	12.1	7.9	11.9#





#83

Chrysene

Concen: 40.412 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

PB119833BS

Tgt Ion:228 Resp: 1094035

Ion Ratio Lower Upper

228 100

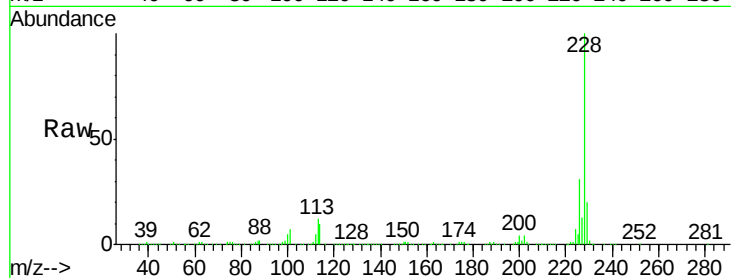
226 31.2 25.0 37.6

229 20.3 17.0 25.6

Manual Integrations
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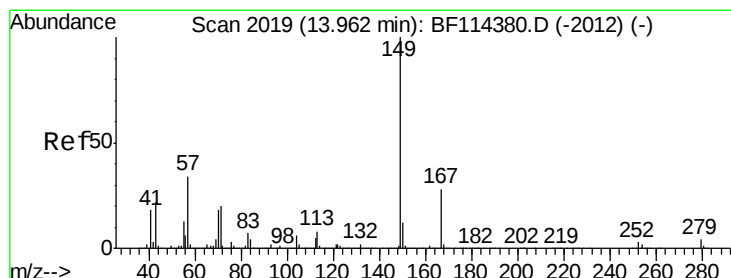
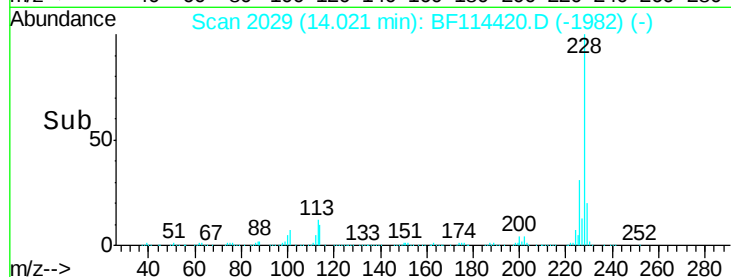
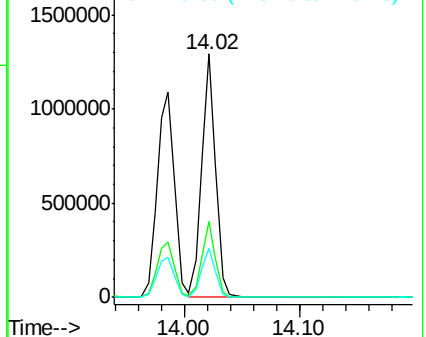
5/21/2019 7:18:33 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.388 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

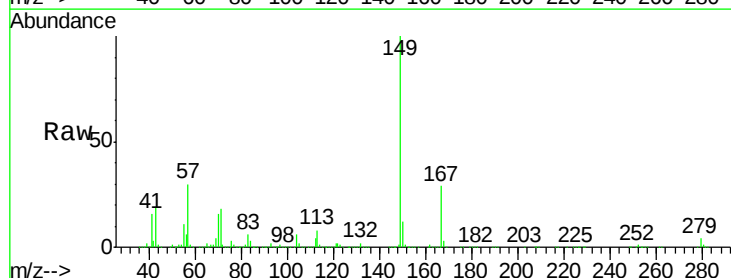
Tgt Ion:149 Resp: 914939

Ion Ratio Lower Upper

149 100

167 28.7 22.6 33.8

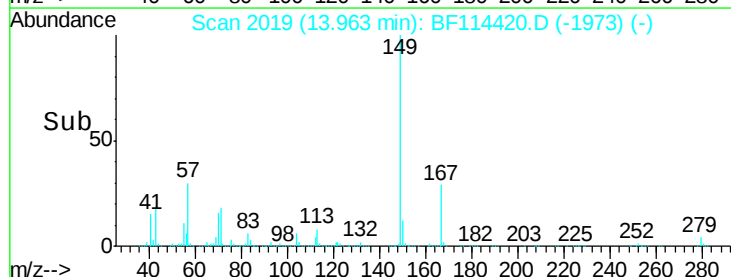
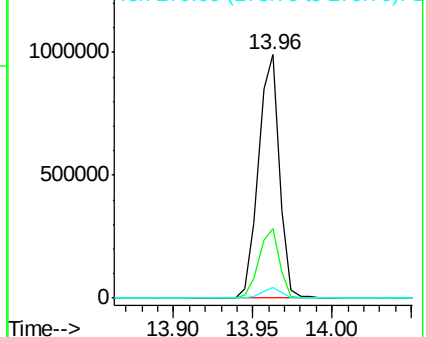
279 4.2 3.0 4.6

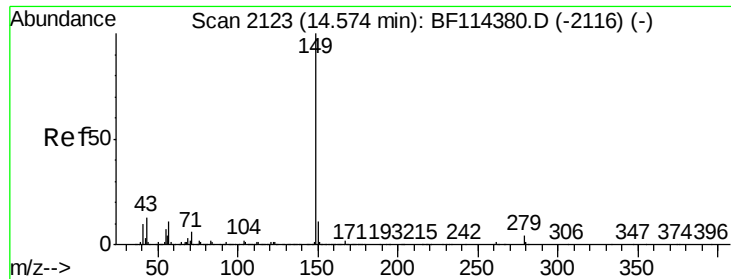


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





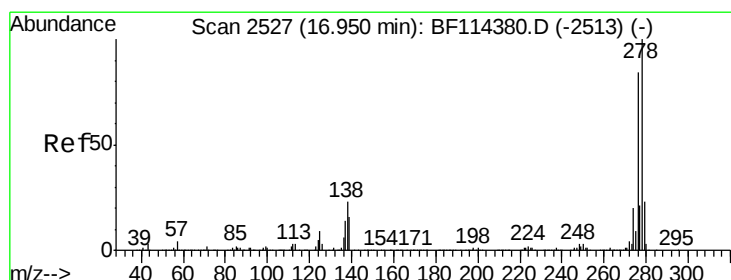
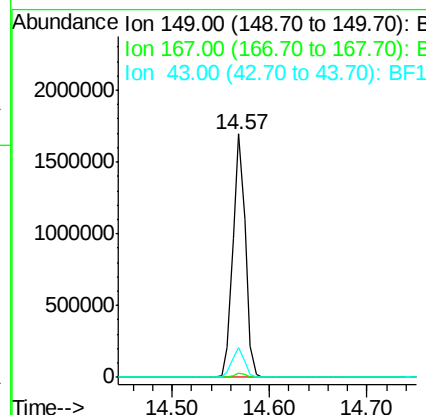
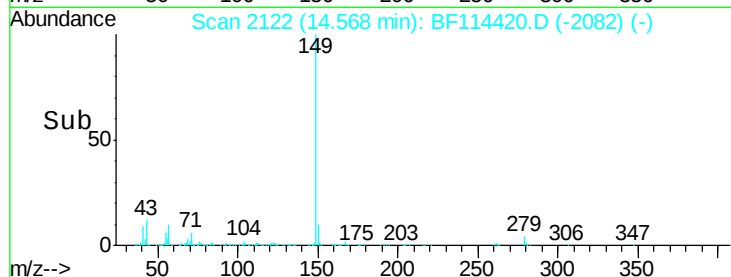
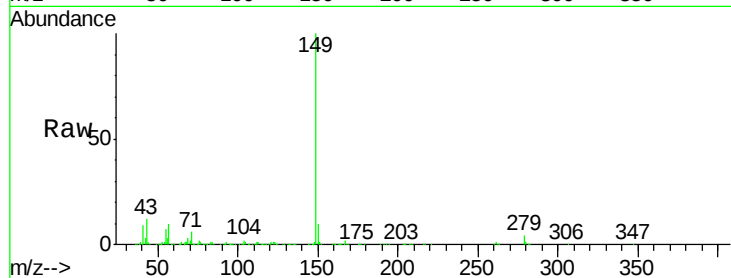
#85
Di-n-octyl phthalate
Concen: 48.779 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.06 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion:149 Resp: 1495143
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 10.1 15.1

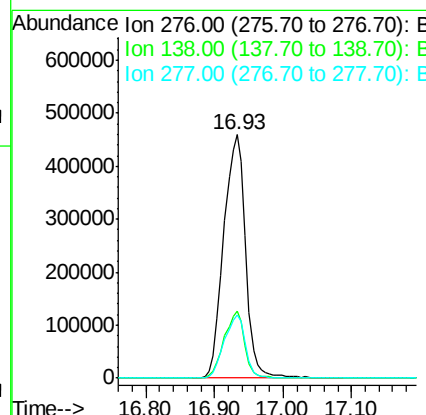
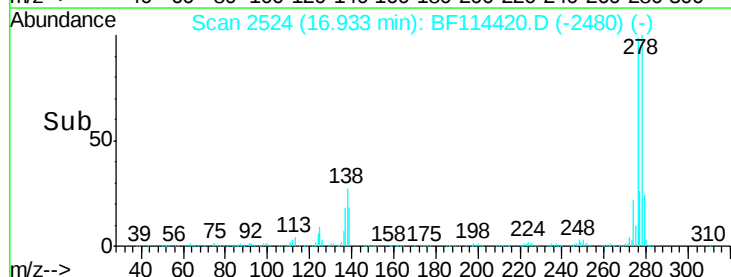
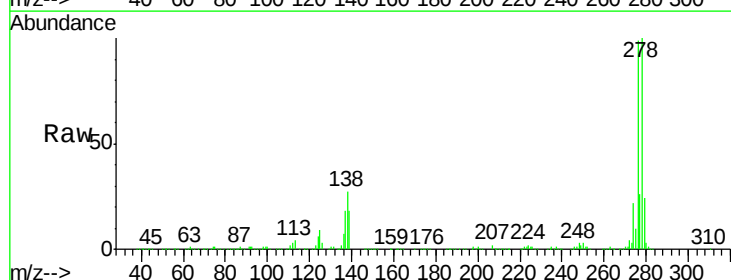
Manual Integrations
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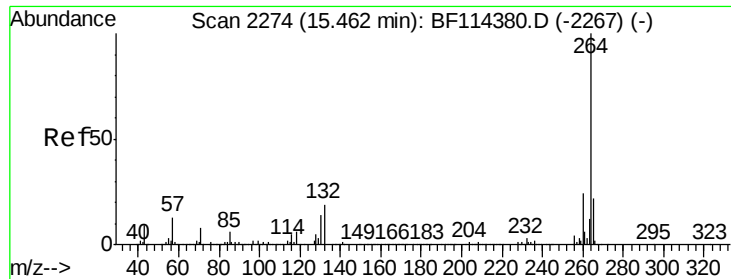
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.591 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.04 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:276 Resp: 1019025
Ion Ratio Lower Upper
276 100
138 25.9 20.2 30.2
277 25.2 20.0 30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

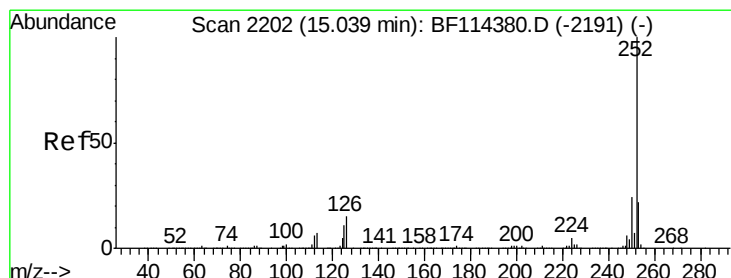
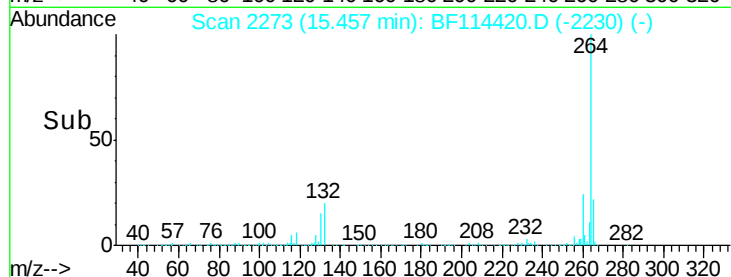
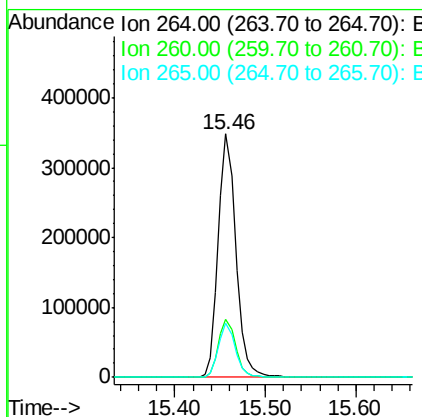
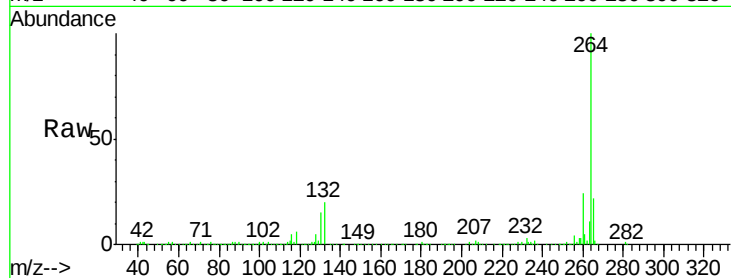
ClientSampleId :

PB119833BS

Tgt Ion:	264	Resp:	471473
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.4	29.0
265	22.2	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 38.479 ng

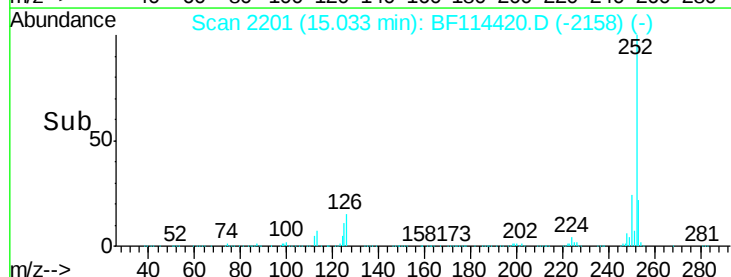
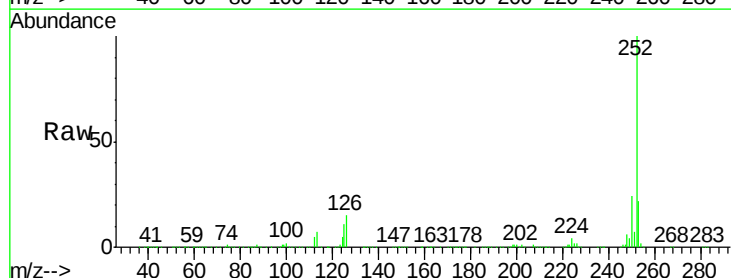
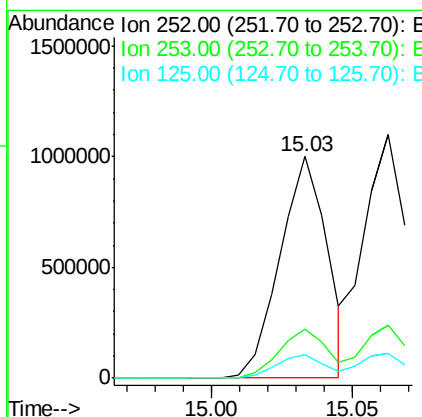
RT: 15.03 min Scan# 2201

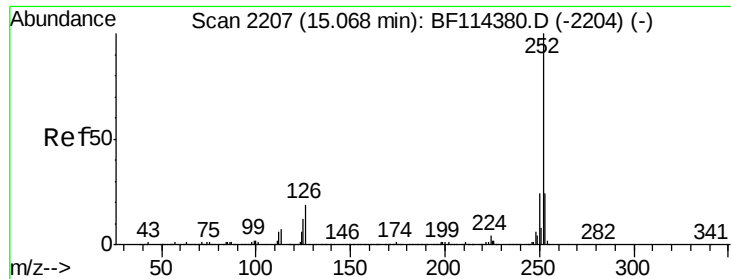
Delta R.T. -0.05 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:	252	Resp:	1162269
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.7	8.3	12.5





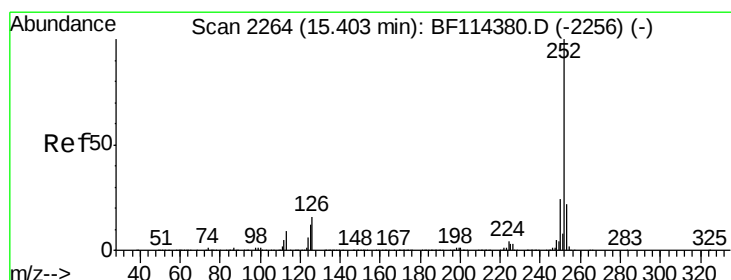
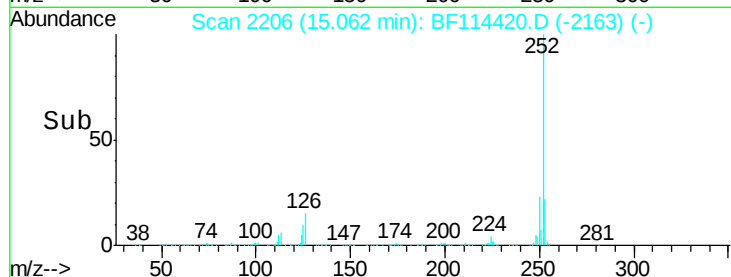
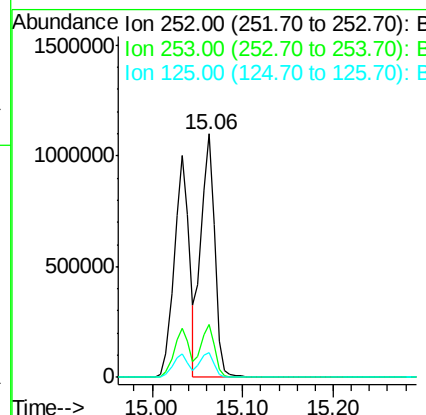
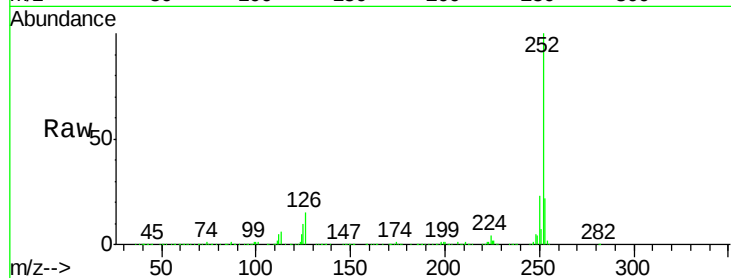
#89
Benzo(k)fluoranthene
Concen: 42.046 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.3	8.6	13.0

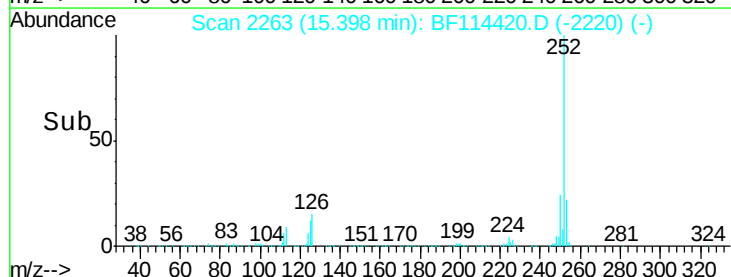
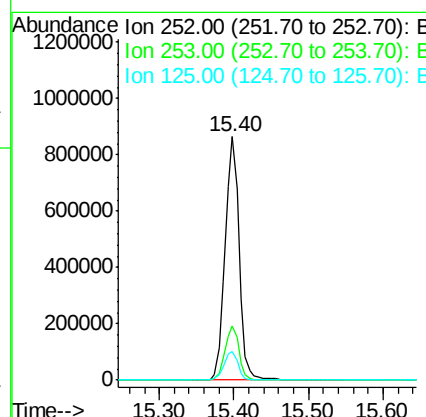
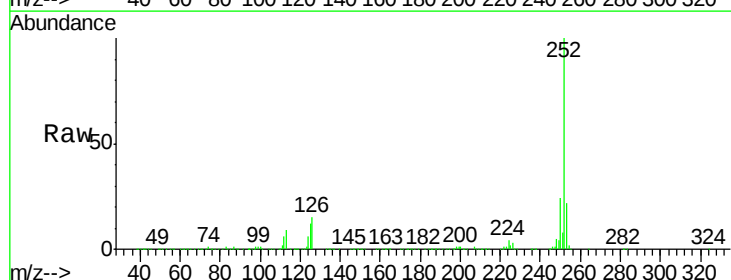
Manual Integrations
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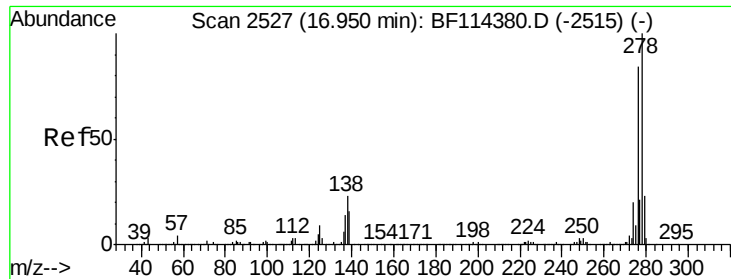
Sohil
5/21/2019 7:18:33 PM



#90
Benzo(a)pyrene
Concen: 42.335 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.05 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.0	9.5	14.3





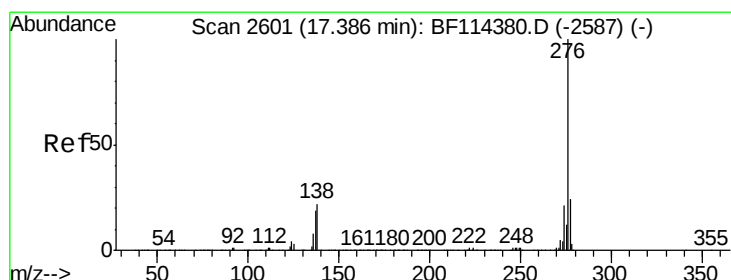
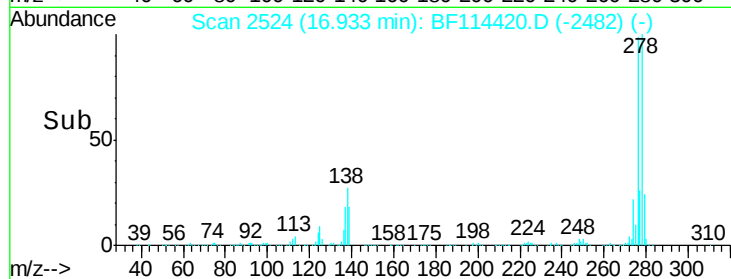
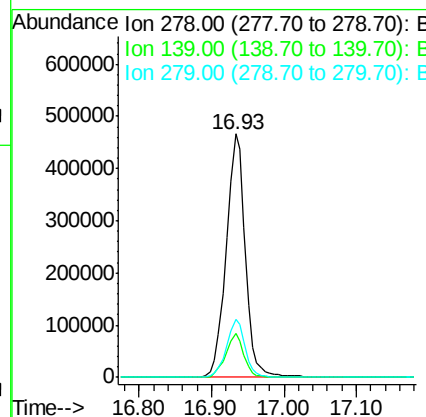
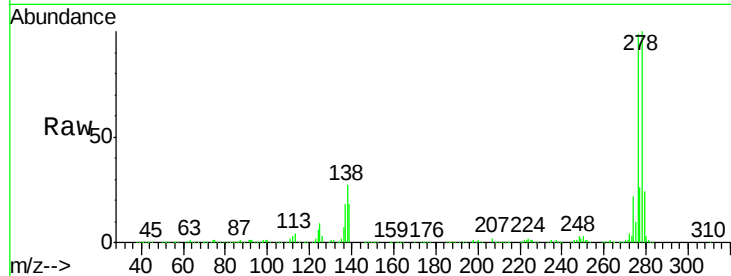
#91
Dibenzo(a,h)anthracene
Concen: 38.702 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.05 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :
PB119833BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.5	20.3
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:18:33 PM



#92
Benzo(g,h,i)perylene
Concen: 36.999 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.4
138	20.9	17.8	26.6

