

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112223.D
 Acq On : 24 Jan 2019 21:51
 Operator : JU/SJ
 Sample : K1223-10MS 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Manual Integrations
 APPROVED

Sohil
 1/25/2019 10:05:28 AM

Quant Time: Jan 25 01:02:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146596	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	561789	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	240409	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	407471	20.00	ng	0.00
76) Chrysene-d12	14.03	240	261770	20.00	ng	0.00
87) Perylene-d12	15.52	264	196718	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	518537	64.20	ng	0.00
7) Phenol-d6	6.51	99	631077	62.45	ng	0.00
23) Nitrobenzene-d5	7.42	82	394553	48.52	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	152595	58.84	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	711477	43.39	ng	0.00
79) Terphenyl-d14	12.97	244	612365	49.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	62427	16.480	ng	96
3) Pyridine	3.39	79	154334	16.267	ng	98
4) n-Nitrosodimethylamine	3.30	42	80179	20.814	ng	# 90
6) Aniline	6.52	93	129406	10.529	ng	# 27
8) 2-Chlorophenol	6.65	128	201667	21.499	ng	98
9) Benzaldehyde	6.40	77	38674	4.644	ng	95
10) Phenol	6.52	94	240359	21.764	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	180344	20.538	ng	99
12) 1,3-Dichlorobenzene	6.80	146	216558	20.230	ng	97
13) 1,4-Dichlorobenzene	6.87	146	218694	19.972	ng	97
14) 1,2-Dichlorobenzene	7.03	146	206514	20.474	ng	95
15) Benzyl Alcohol	7.00	79	164390	21.835	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	208766	16.486	ng	72
17) 2-Methylphenol	7.12	107	151488	21.504	ng	# 91
18) Hexachloroethane	7.37	117	46804	12.806	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	133722	21.722	ng	99
20) 3+4-Methylphenols	7.28	107	208062	24.359	ng	# 61
22) Acetophenone	7.26	105	277900	21.352	ng	# 93
24) Nitrobenzene	7.44	77	194546	22.575	ng	96
25) Isophorone	7.68	82	347149	22.103	ng	96
26) 2-Nitrophenol	7.76	139	76872	20.992	ng	93
27) 2,4-Dimethylphenol	7.80	122	167189	22.933	ng	90
28) bis(2-Chloroethoxy)methane	7.88	93	225286	20.911	ng	98
29) 2,4-Dichlorophenol	8.01	162	160697	20.178	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	176270	19.072	ng	98
31) Naphthalene	8.16	128	555164	21.727	ng	99
32) Benzoic acid	7.94	122	3815m	8.417	ng	
33) 4-Chloroaniline	8.21	127	113219	9.859	ng	98
34) Hexachlorobutadiene	8.28	225	99729	19.390	ng	99
35) Caprolactam	8.56	113	44892	16.105	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	158665	20.398	ng	95
37) 2-Methylnaphthalene	8.86	142	378983	21.842	ng	98
38) 1-Methylnaphthalene	8.96	142	342811	20.558	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	160249	20.758	ng	99

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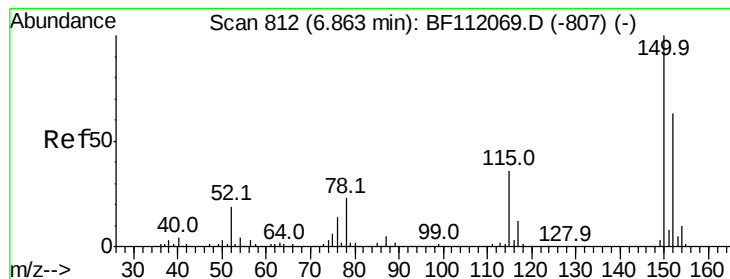
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	340	7.958	nq	88
43) 2,4,6-Trichlorophenol	9.14	196	104229	22.569	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	104665	21.279	nq	97
46) 1,1'-Biphenyl	9.32	154	431604	21.470	nq	98
47) 2-Chloronaphthalene	9.35	162	324782	20.640	nq	97
48) 2-Nitroaniline	9.44	65	98072	27.670	nq	93
49) Acenaphthylene	9.76	152	495415	21.575	nq	98
50) Dimethylphthalate	9.61	163	485129	27.670	nq	99
51) 2,6-Dinitrotoluene	9.68	165	71930	20.544	nq	94
52) Acenaphthene	9.93	154	294232	20.943	nq	99
53) 3-Nitroaniline	9.85	138	84153	21.493	nq	93
55) Dibenzofuran	10.10	168	438027	20.616	nq	95
56) 4-Nitrophenol	10.03	139	89422	35.351	nq	84
57) 2,4-Dinitrotoluene	10.09	165	81583	21.000	nq	# 87
58) Fluorene	10.45	166	337629	21.269	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	75702	20.396	nq	# 93
60) Diethylphthalate	10.31	149	403168	23.558	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	165519	19.323	nq	92
62) 4-Nitroaniline	10.46	138	94167	24.221	nq	93
63) Azobenzene	10.59	77	295385	18.023	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	962	10.517	nq	# 1
66) n-Nitrosodiphenylamine	10.55	169	298915	22.190	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	95093	20.092	nq	92
68) Hexachlorobenzene	11.00	284	97152	19.055	nq	99
69) Atrazine	11.08	200	94561	21.754	nq	94
70) Pentachlorophenol	11.20	266	62531	29.667	nq	100
71) Phenanthrene	11.41	178	626095	30.532	nq	99
72) Anthracene	11.46	178	507364	24.424	nq	99
73) Carbazole	11.62	167	424020	20.376	nq	99
74) Di-n-butylphthalate	11.94	149	565949	24.178	nq	99
75) Fluoranthene	12.60	202	707677	32.685	nq	98
77) Benzidine	12.72	184	58776	6.730	nq	97
78) Pyrene	12.83	202	653079	37.815	nq	98
80) Butylbenzylphthalate	13.44	149	257374	33.969	nq	91
81) Benzo(a)anthracene	14.03	228	401822	26.772	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	65049	11.573	nq	96
83) Chrysene	14.06	228	375755	26.458	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	367913	33.882	nq	98
85) Di-n-octyl phthalate	14.61	149	480224	28.703	nq	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	256764	19.597	nq	95
88) Benzo(b)fluoranthene	15.09	252	320744	28.724	nq	97
89) Benzo(k)fluoranthene	15.11	252	255031	23.597	nq	98
90) Benzo(a)pyrene	15.46	252	269053	26.273	nq	97
91) Dibenzo(a,h)anthracene	17.03	278	194348	21.368	nq	98
92) Benzo(g,h,i)perylene	17.47	276	202721	22.624	nq	97

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



#1

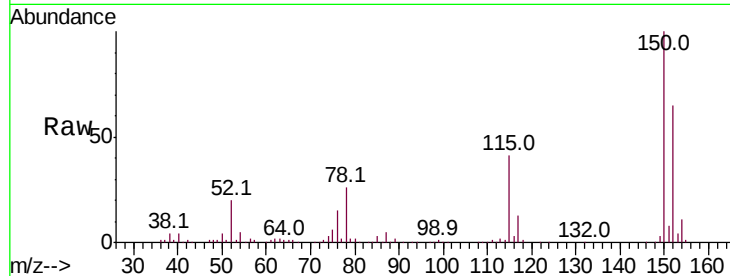
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.4	191.0
115	62.6	45.5	68.3

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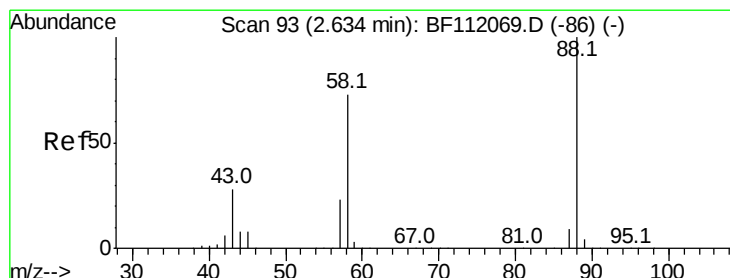
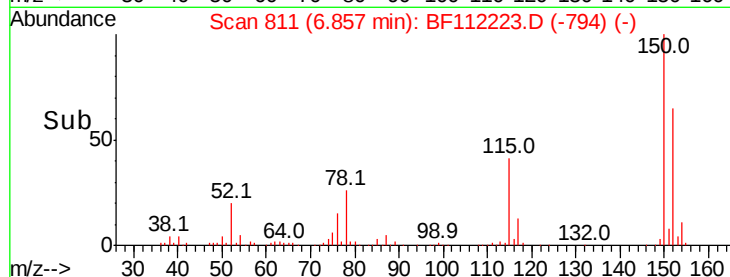
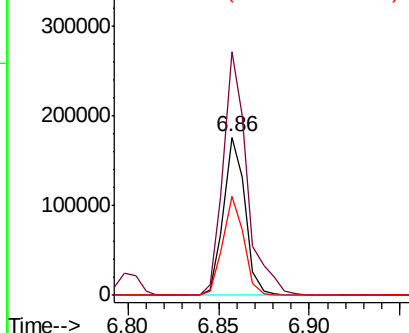


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

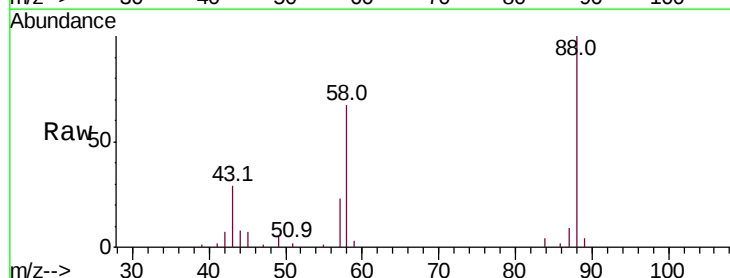
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.480 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.03 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	57.4	86.2
43	30.6	22.2	33.4

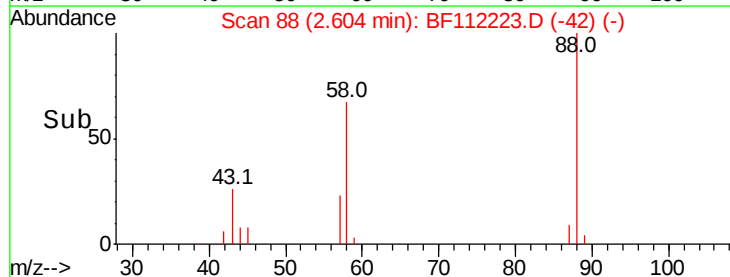
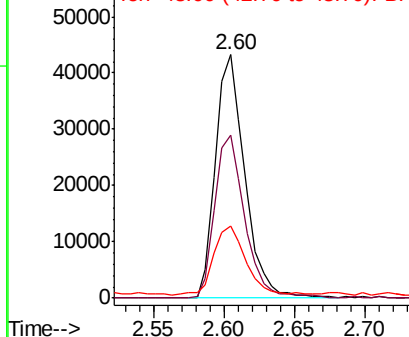


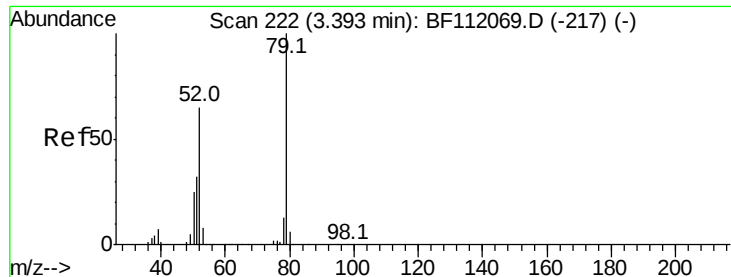
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 16.267 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

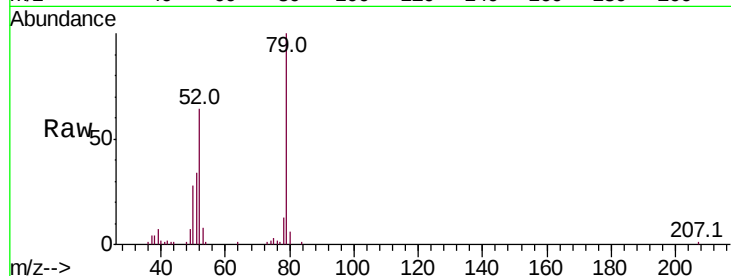
ClientSampleId :

TS-VMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	52.4	78.6
51	34.0	26.1	39.1

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Abundance

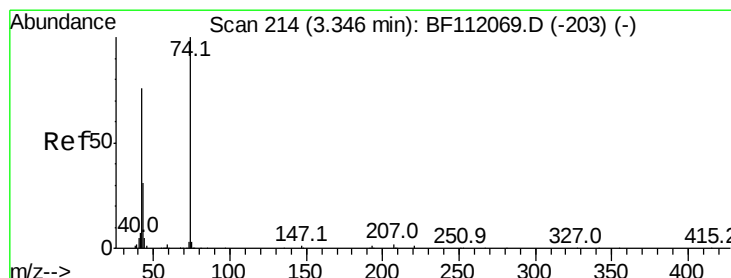
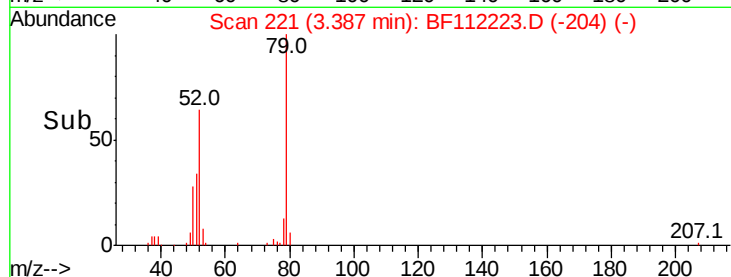
Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

3.39

Time-->



#4

n-Nitrosodimethylamine

Concen: 20.814 ng

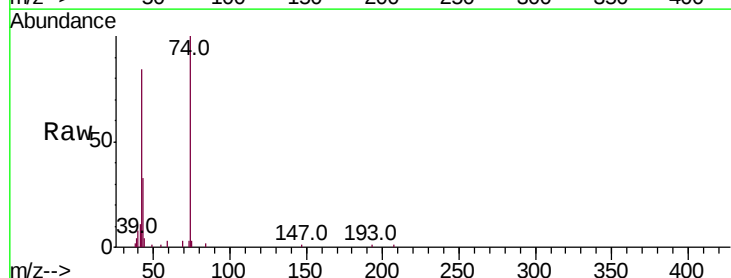
RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.4	105.6	158.4
44	4.7	5.4	8.2#



Abundance

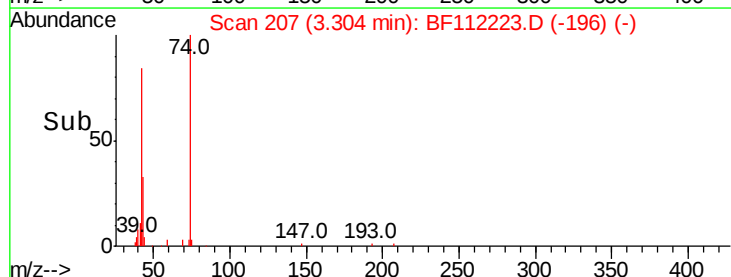
Ion 42.00 (41.70 to 42.70): BF1

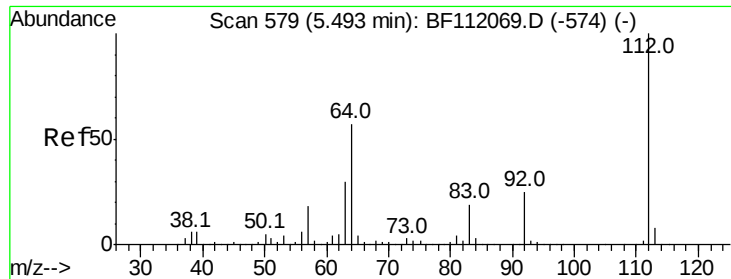
Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

3.30

Time-->





#5

2-Fluorophenol

Concen: 64.201 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

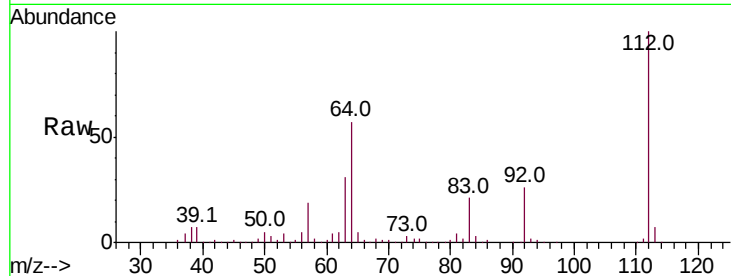
ClientSampled :

TS-VMS

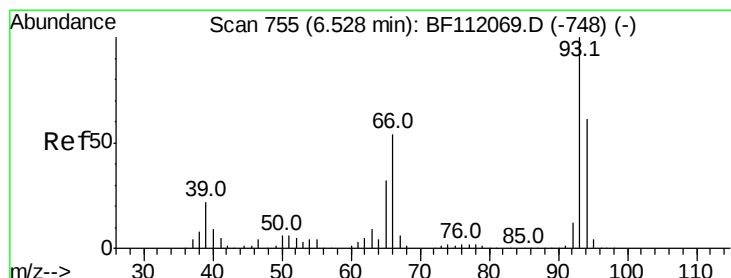
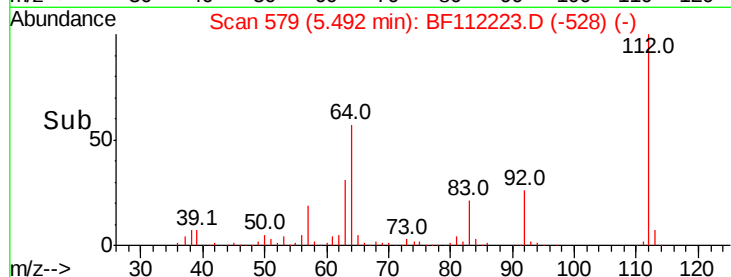
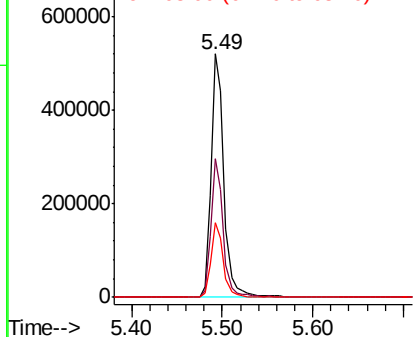
Tot Ion:	112	Resp:	518537
Ion Ratio	Lower	Upper	
112	100		
64	57.0	45.7	68.5
63	30.8	23.6	35.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.529 ng

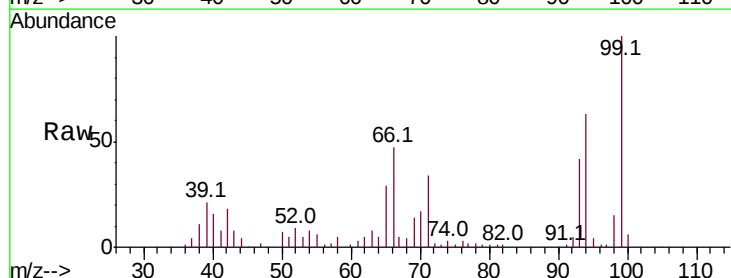
RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

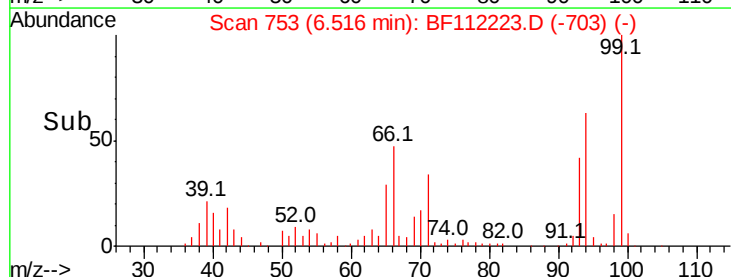
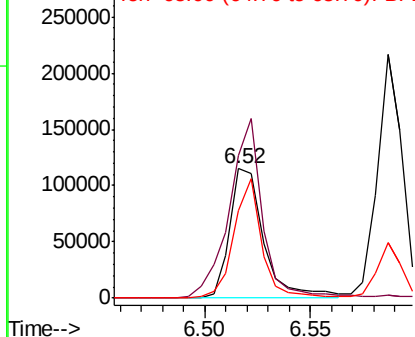
Lab File: BF112223.D

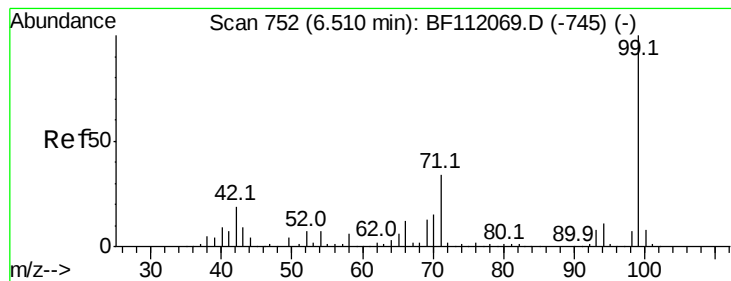
Acq: 24 Jan 2019 21:51

Tgt Ion:	93	Resp:	129406
Ion Ratio	Lower	Upper	
93	100		
66	110.1	43.4	65.2#
65	67.3	25.3	37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 62.450 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

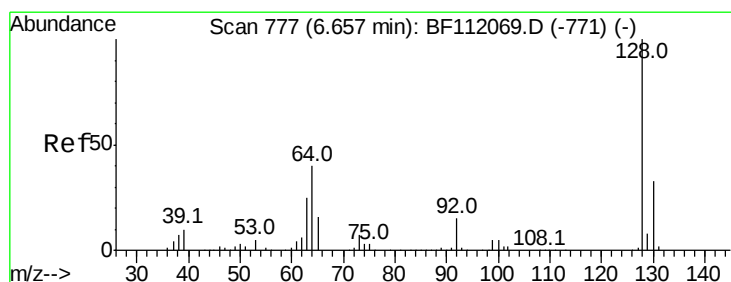
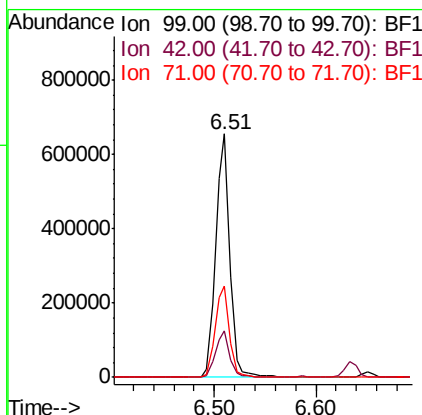
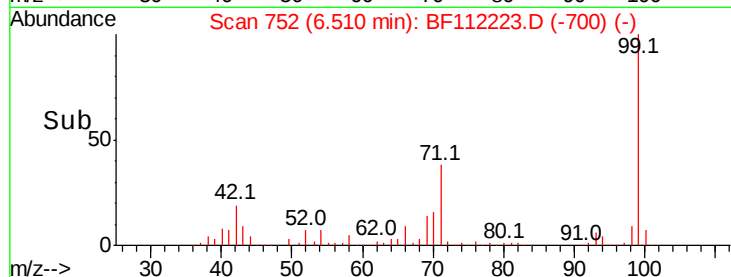
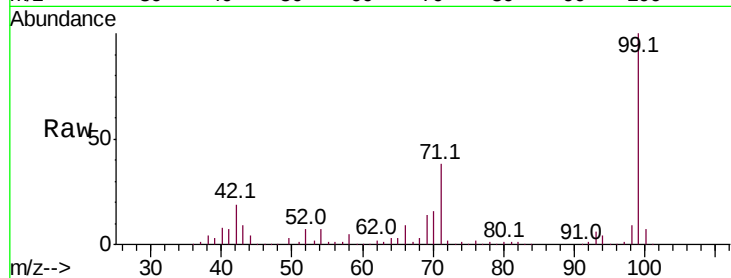
ClientSampled :

TS-VMS

Tot Ion:	99	Resp:	631077
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.1	22.7
71	37.7	26.9	40.3

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#8

2-Chlorophenol

Concen: 21.499 ng

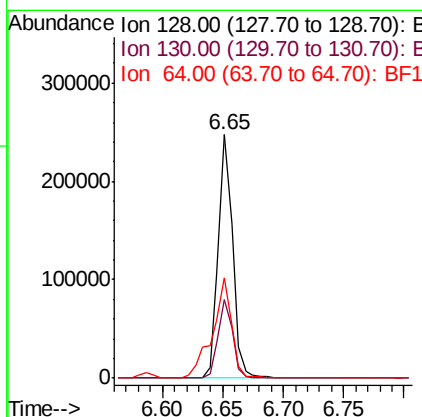
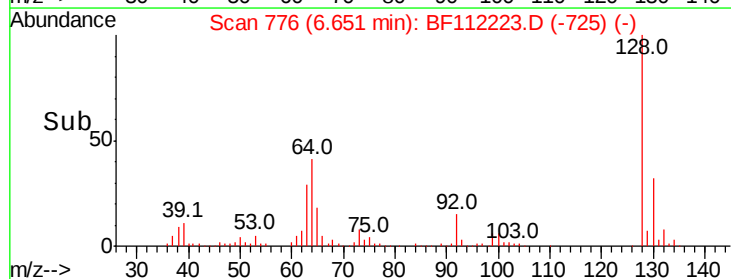
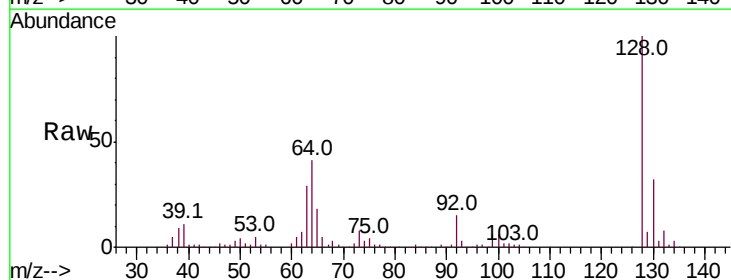
RT: 6.65 min Scan# 776

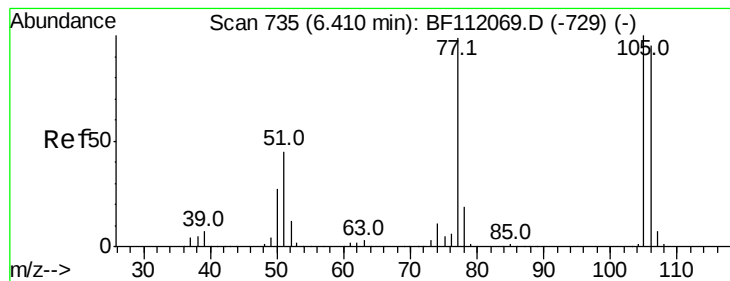
Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:	128	Resp:	201667
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.4	53.4
64	41.3	20.5	60.5





#9

Benzaldehyde

Concen: 4.644 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampled :

TS-VMS

Tot Ion: 77 Resp: 38674

Ion Ratio Lower Upper

77 100

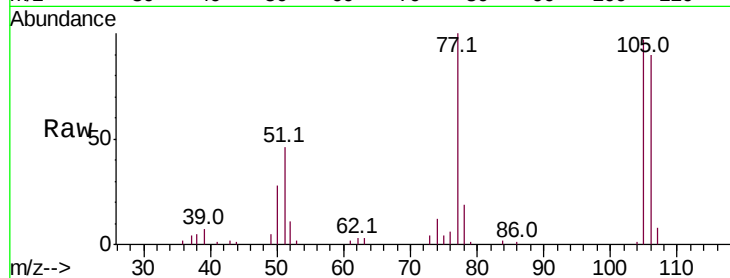
105 97.2 80.8 120.8

106 90.3 75.7 115.7

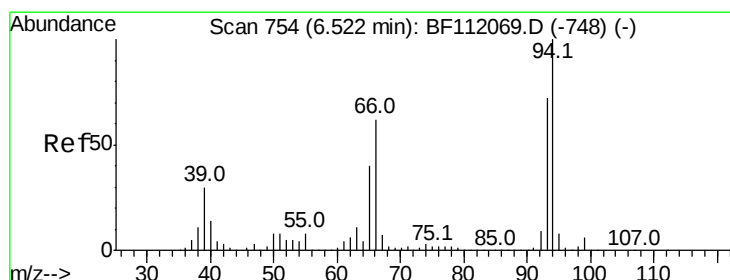
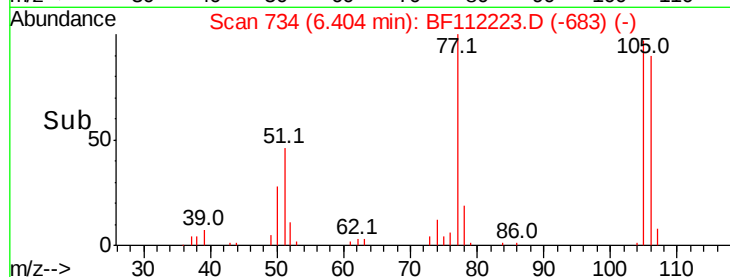
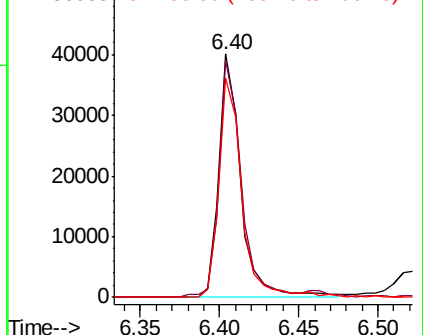
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 21.764 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

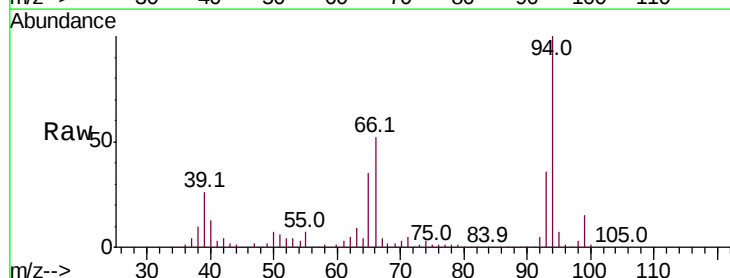
Tgt Ion: 94 Resp: 240359

Ion Ratio Lower Upper

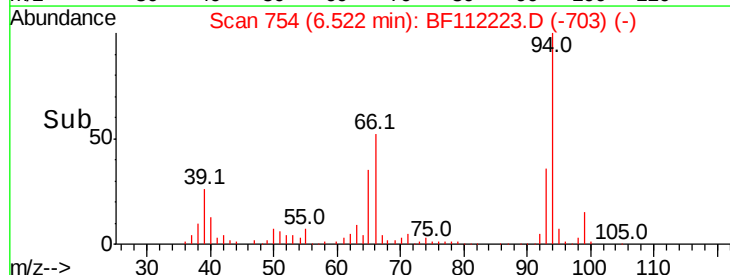
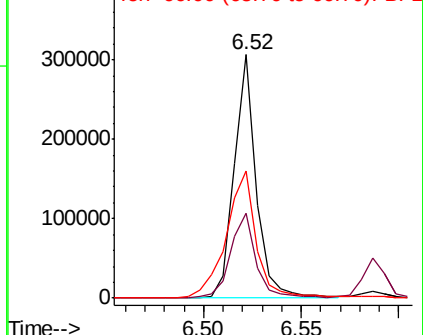
94 100

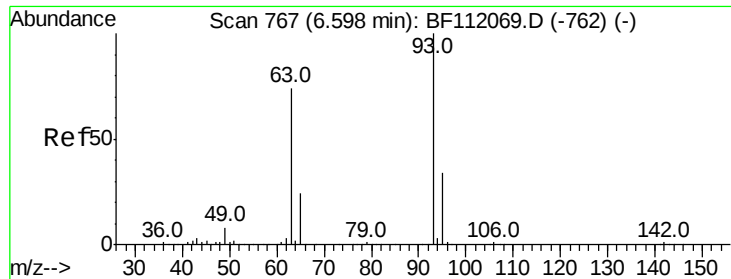
65 34.8 20.3 60.3

66 52.1 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





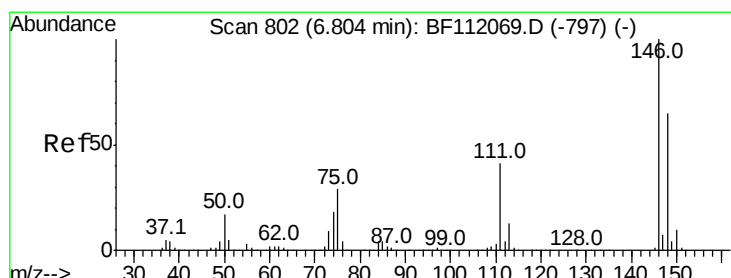
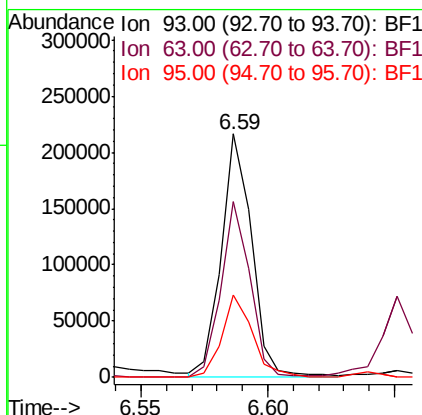
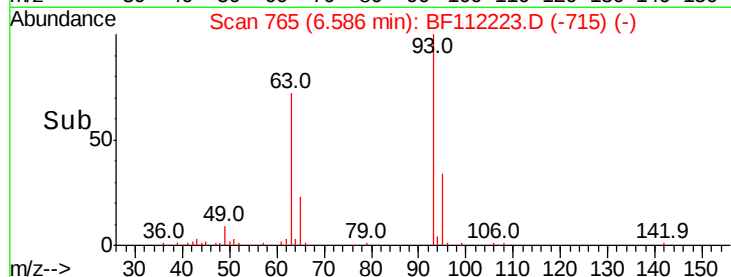
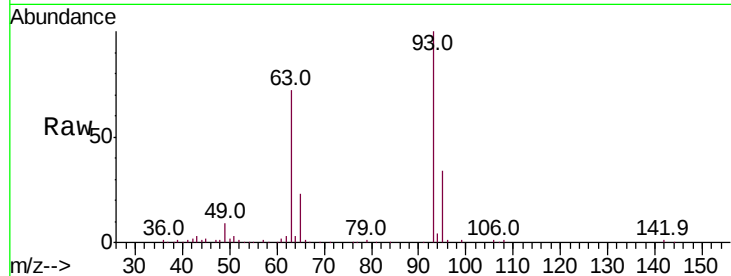
#11
bis(2-Chloroethyl)ether
Concen: 20.538 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion:	93	Resp:	180344
Ion Ratio	Lower	Upper	
93	100		
63	72.2	53.3	93.3
95	33.7	13.4	53.4

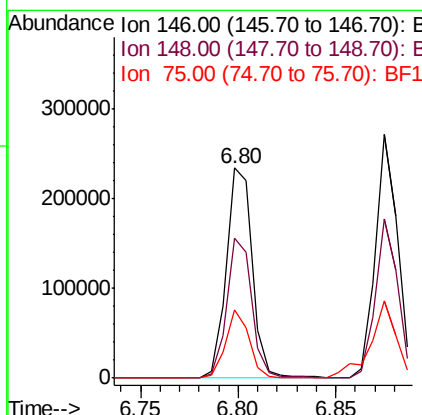
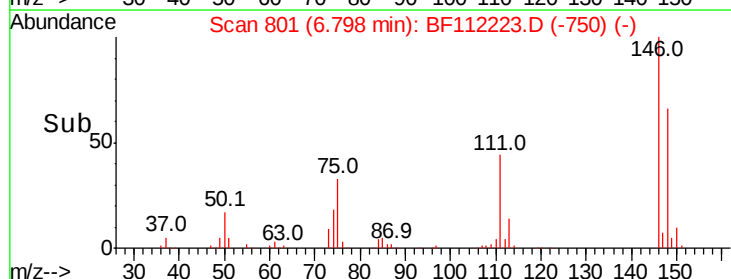
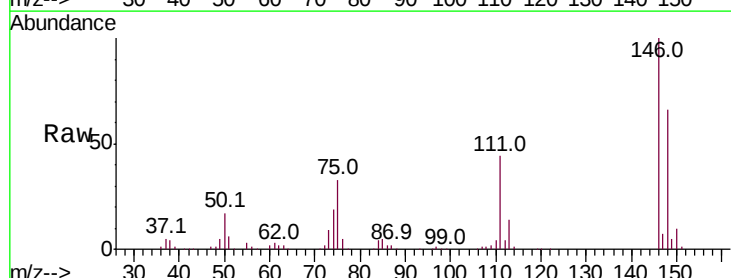
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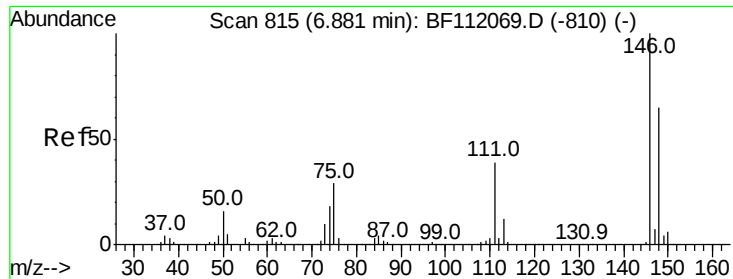
Sohil
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#12
1,3-Dichlorobenzene
Concen: 20.230 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:	146	Resp:	216558
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.8	77.8
75	32.6	23.1	34.7





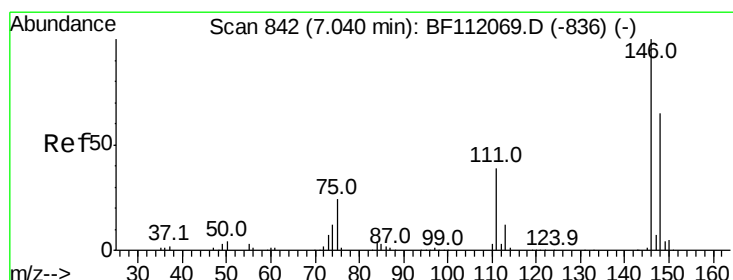
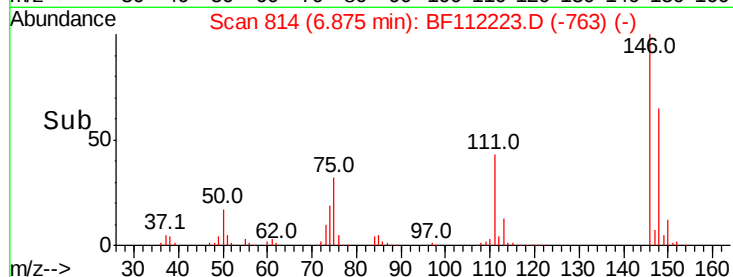
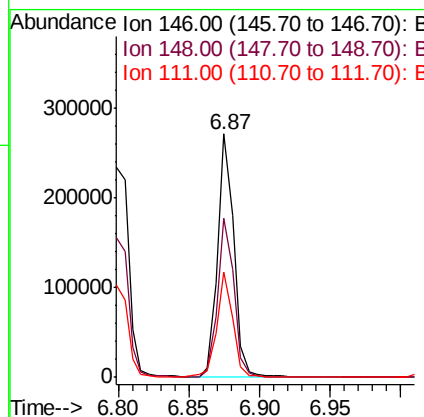
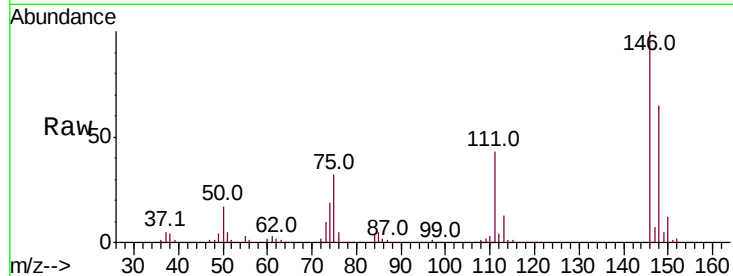
#13
1,4-Dichlorobenzene
Concen: 19.972 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	43.0	31.2	46.8

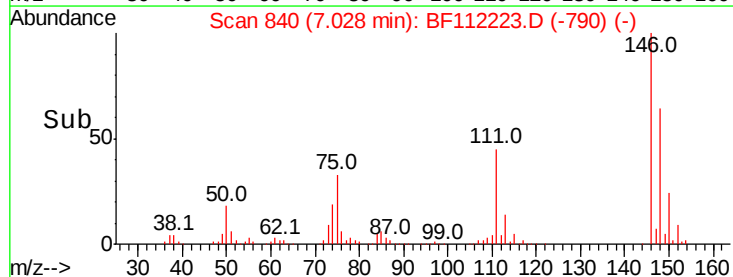
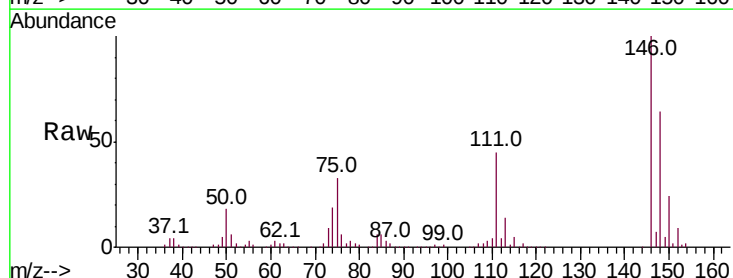
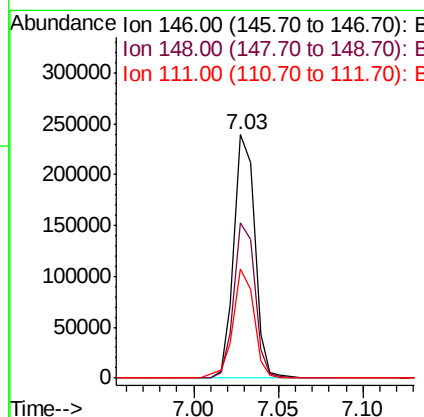
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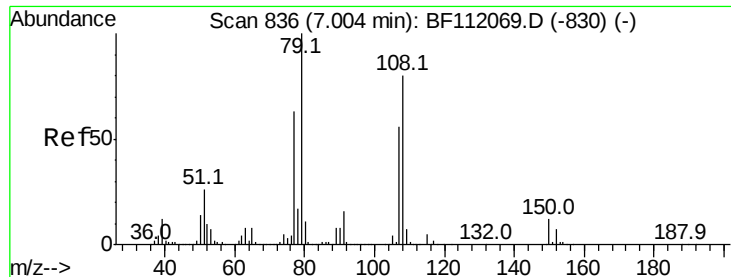
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#14
1,2-Dichlorobenzene
Concen: 20.474 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
111	44.6	31.2	46.8





#15

Benzyl Alcohol

Concen: 21.835 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

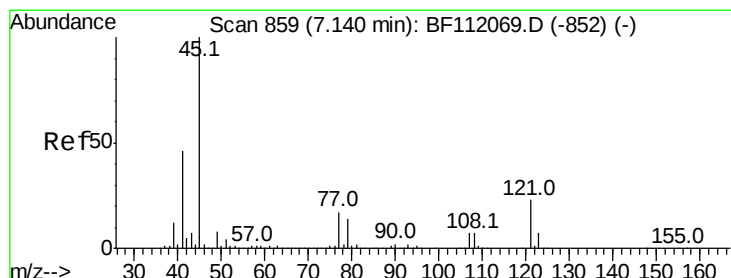
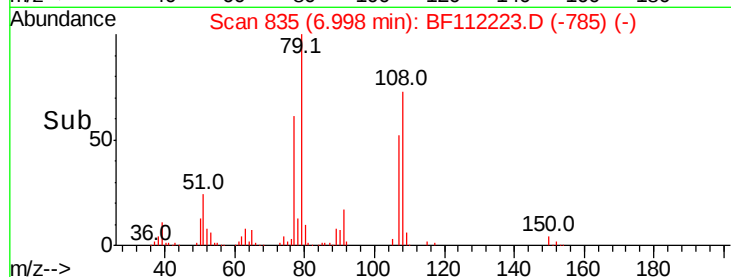
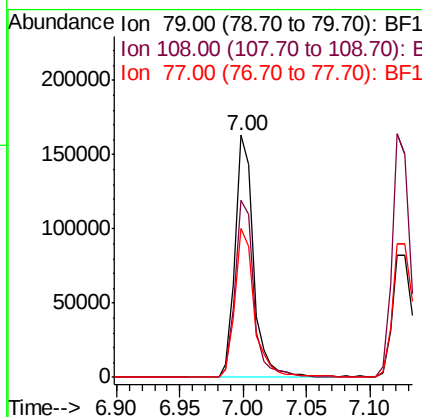
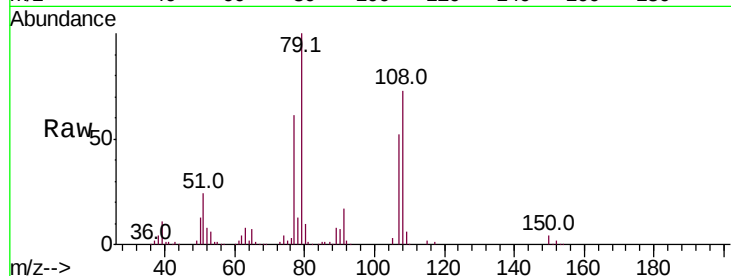
ClientSampled :

TS-VMS

Tot Ion:	79	Resp:	164390
Ion Ratio	Lower	Upper	
79	100		
108	73.3	64.2	96.2
77	61.3	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 16.486 ng

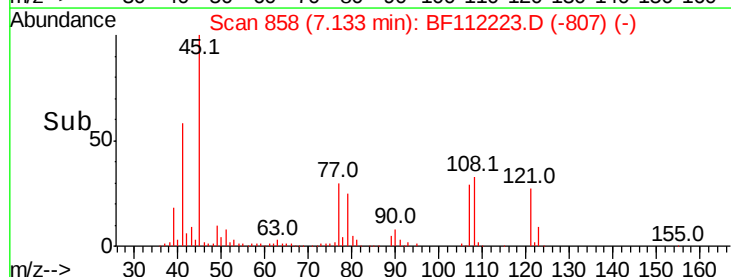
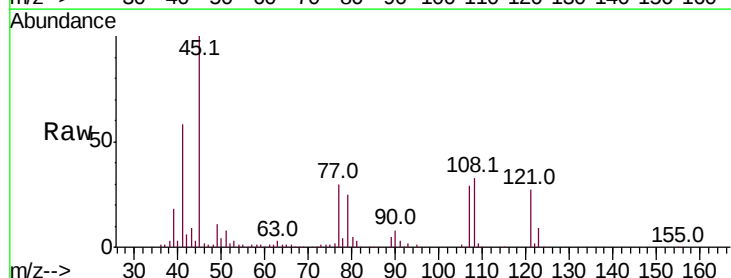
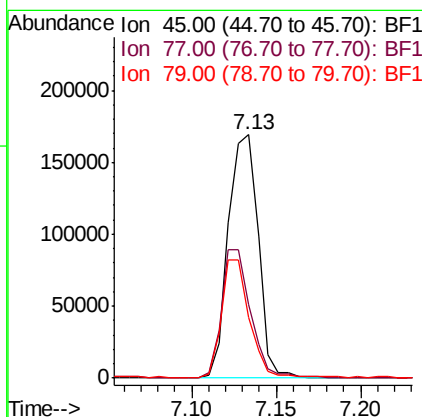
RT: 7.13 min Scan# 858

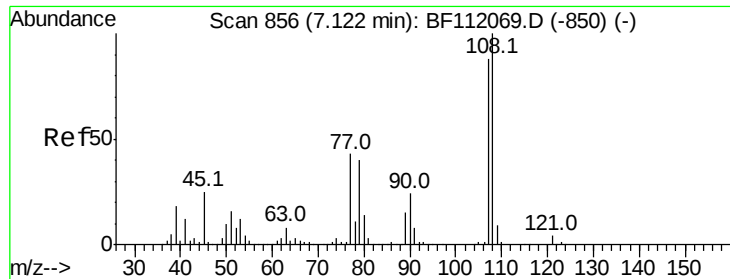
Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:	45	Resp:	208766
Ion Ratio	Lower	Upper	
45	100		
77	30.0	0.0	36.9
79	24.7	0.0	34.0





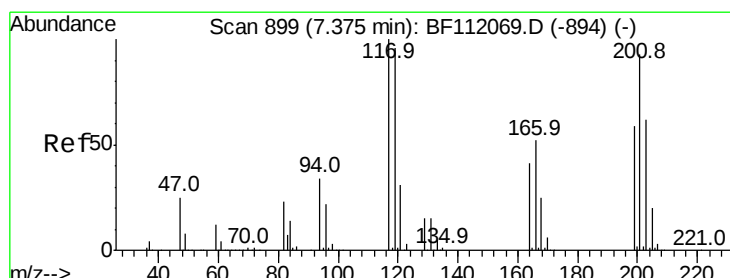
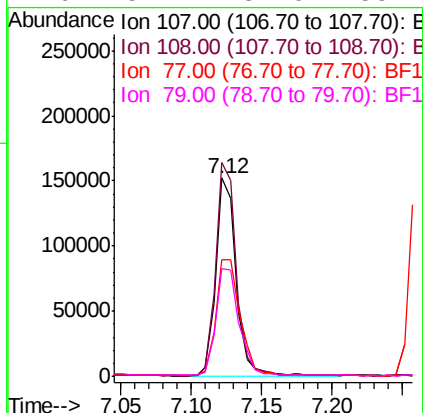
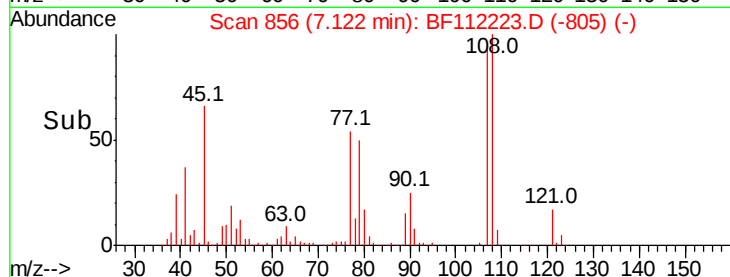
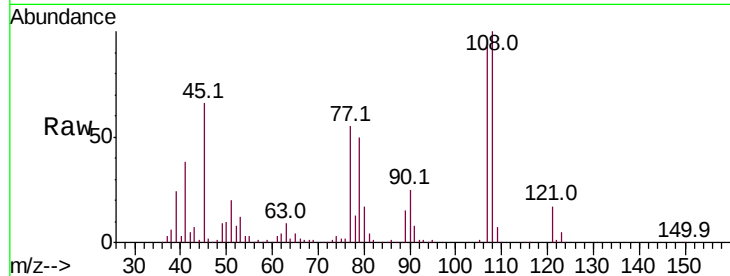
#17
2-Methylphenol
Concen: 21.504 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.7	91.3	136.9	
77	58.8	39.0	58.6	
79	54.2	37.0	55.4	

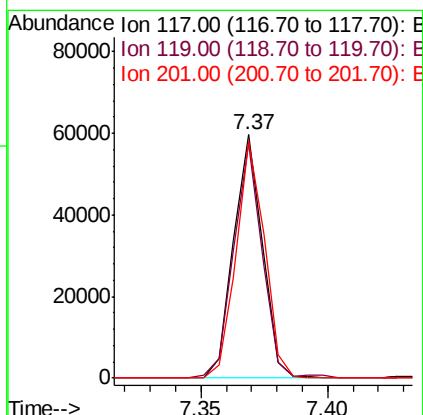
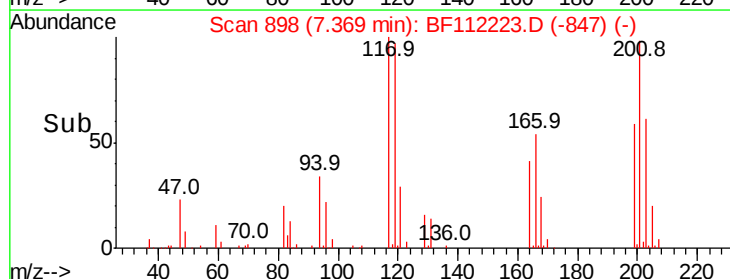
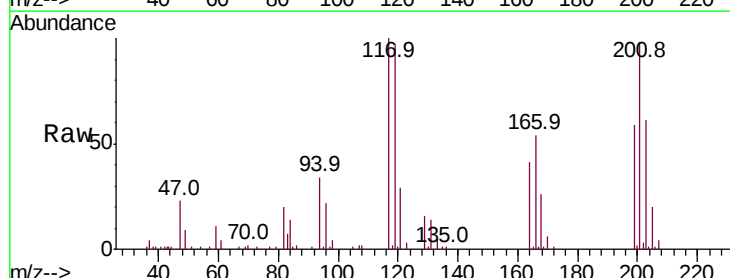
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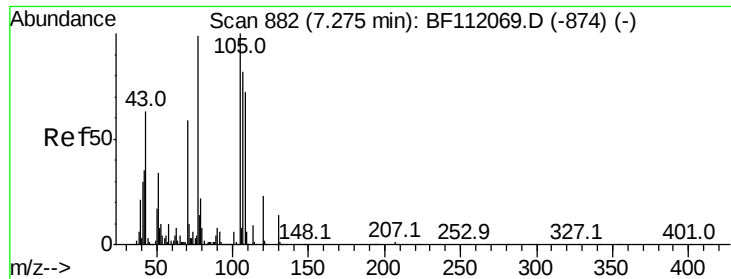
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#18
Hexachloroethane
Concen: 12.806 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.0	115.4	
201	97.6	74.1	111.1	





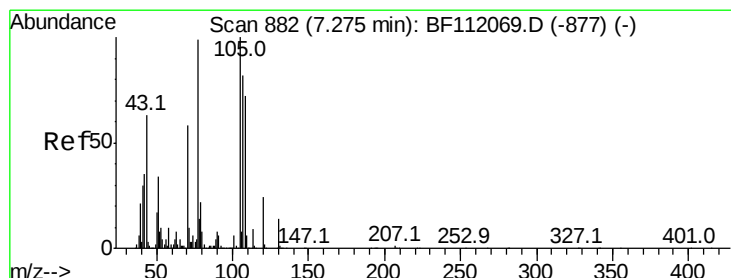
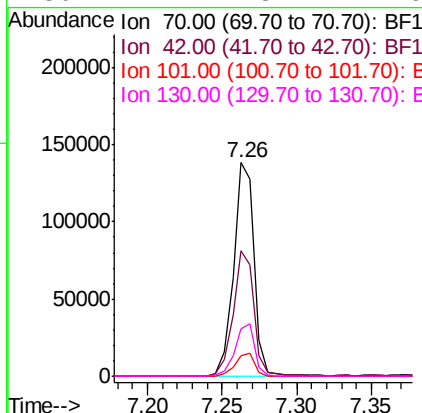
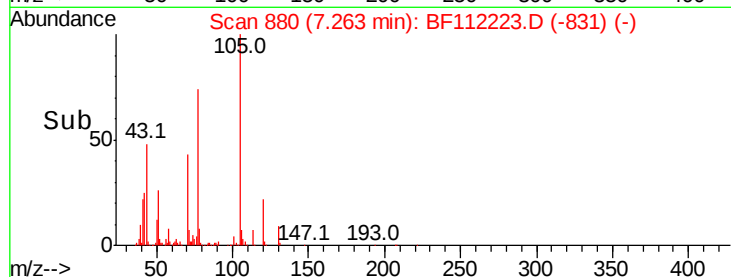
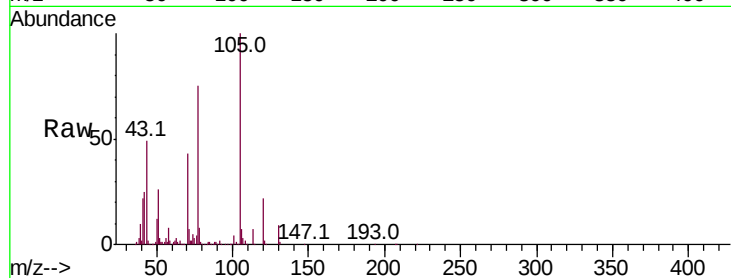
#19
n-Nitroso-di-n-propylamine
Concen: 21.722 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.6	71.4
101	9.5	7.9	11.9
130	22.1	18.4	27.6

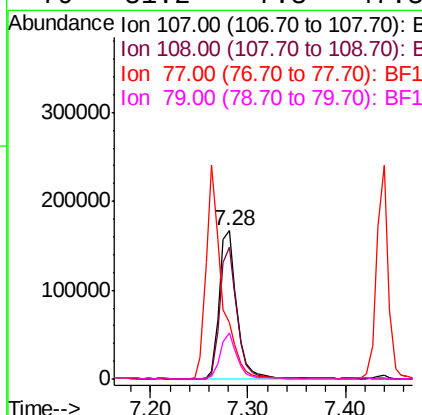
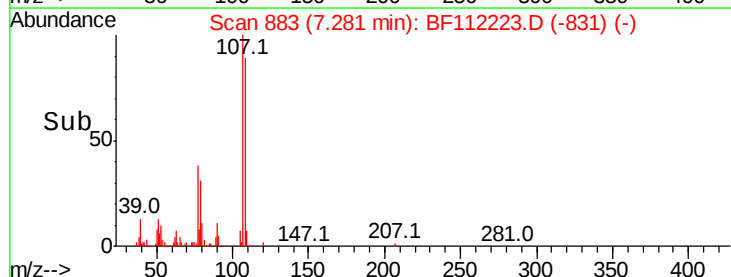
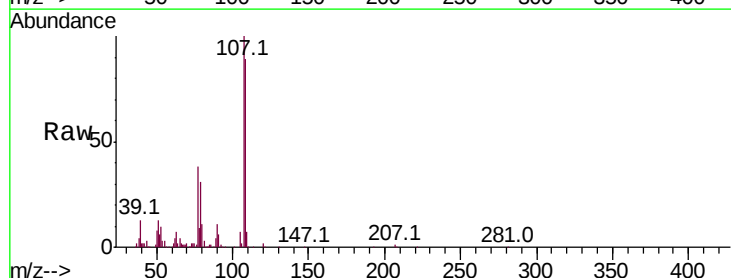
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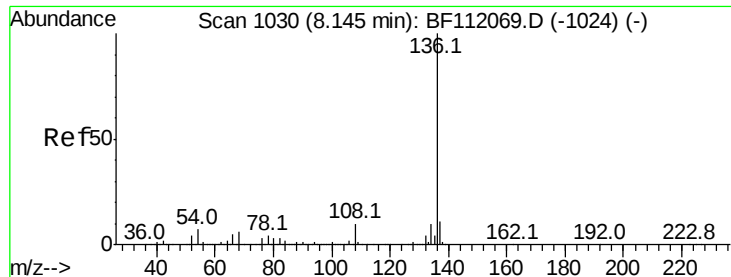
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#20
3+4-Methylphenols
Concen: 24.359 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	38.2	100.7	140.7#
79	31.2	7.3	47.3





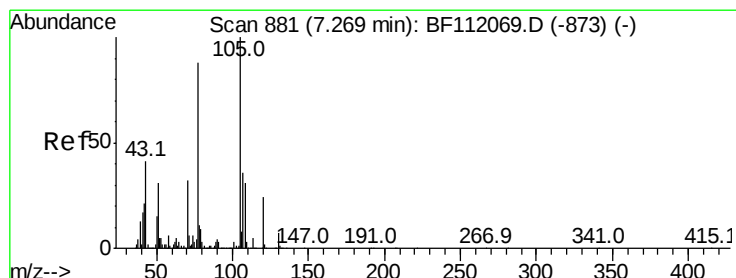
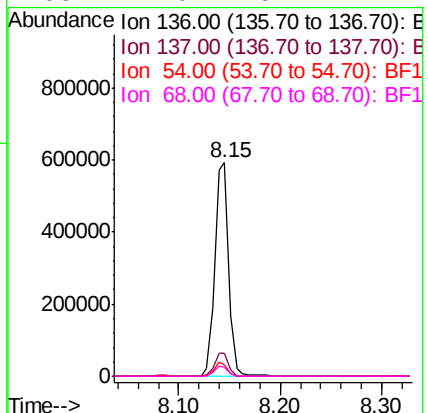
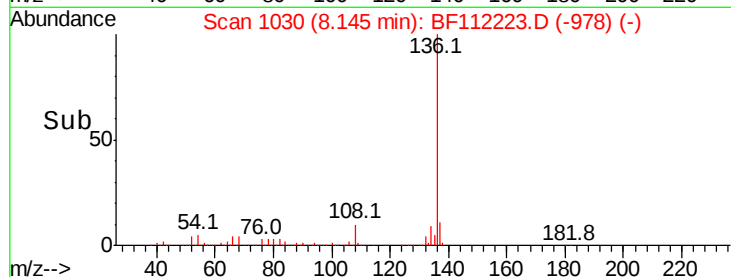
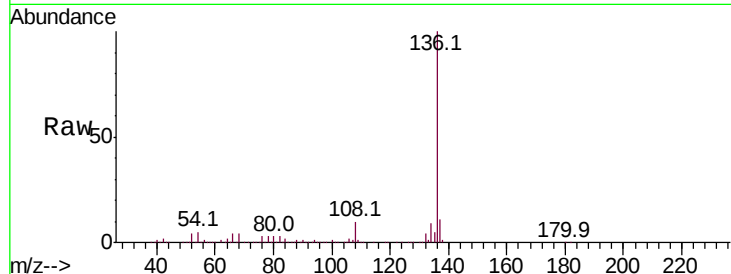
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	561789		
137	10.6		9.1	13.7
54	5.4		5.9	8.9#
68	4.0		5.1	7.7#

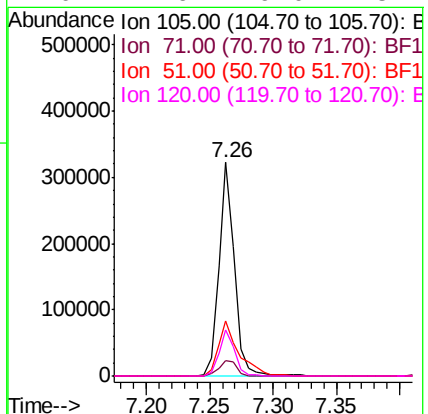
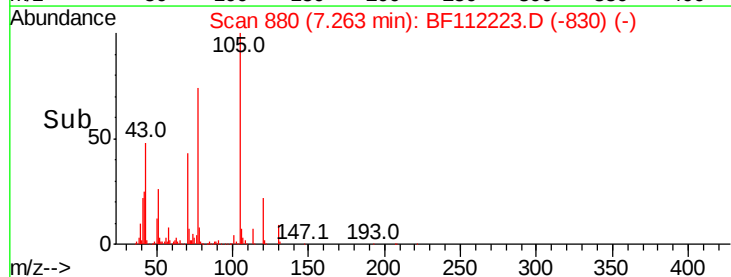
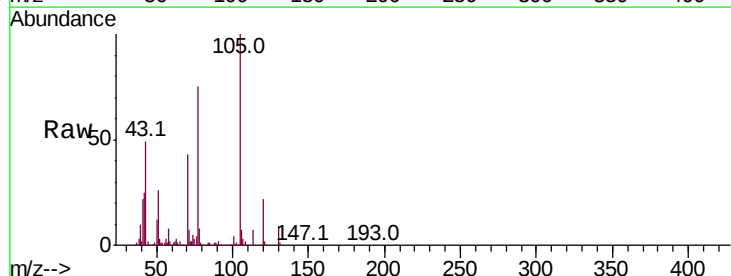
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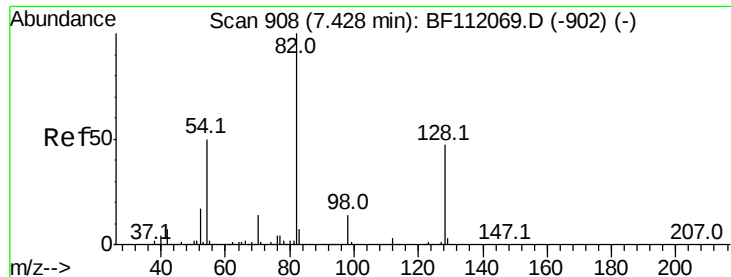
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#22
Acetophenone
Concen: 21.352 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277900		
71	7.2		4.6	6.8#
51	25.7		25.0	37.6
120	21.6		19.0	28.4





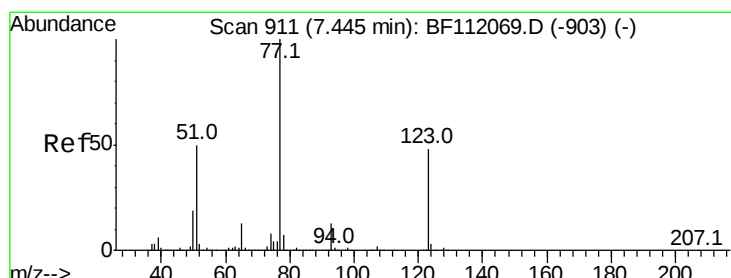
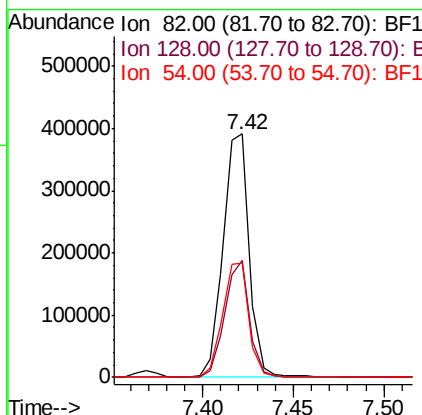
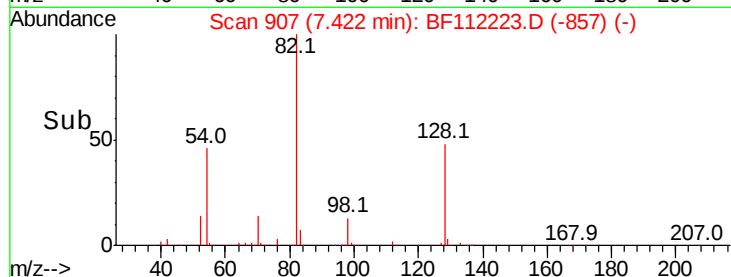
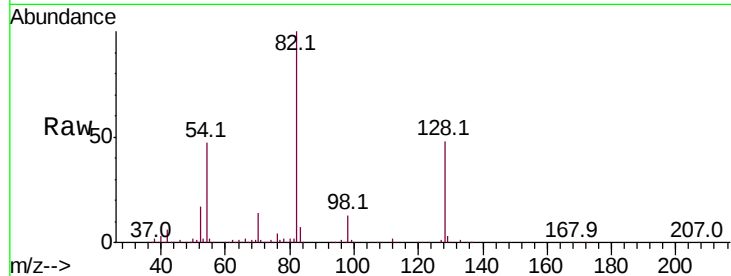
#23
Nitrobenzene-d5
Concen: 48.522 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	47.0	39.7	59.5

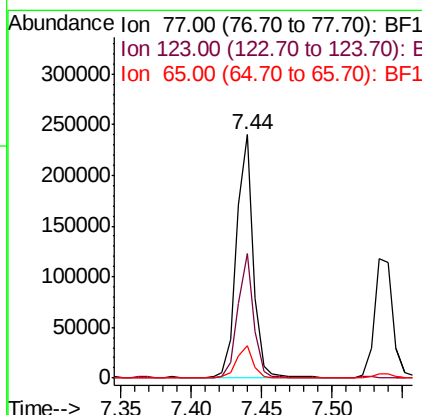
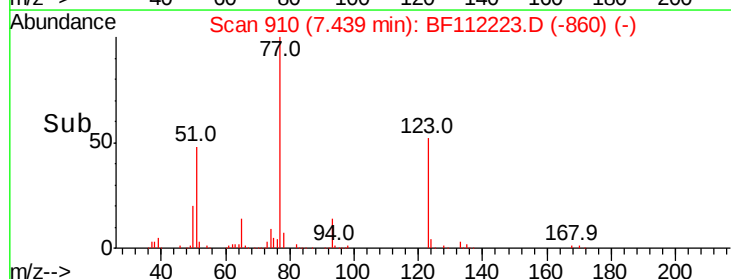
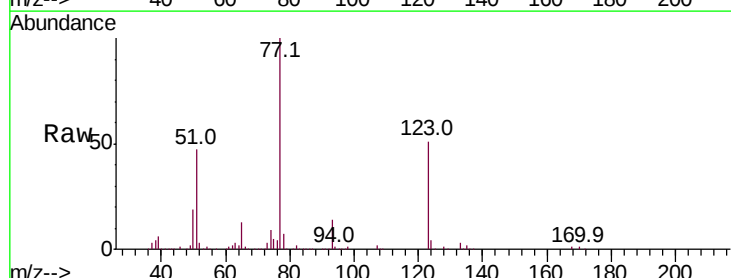
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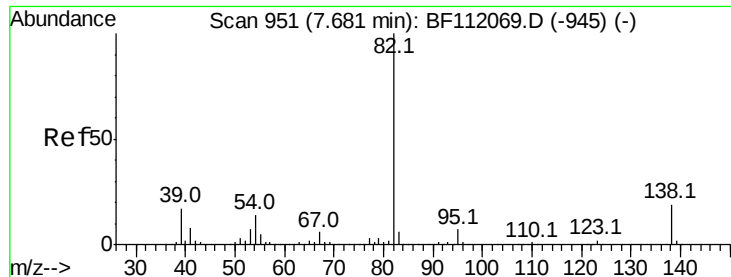
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#24
Nitrobenzene
Concen: 22.575 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	38.4	57.6
65	13.3	10.6	15.8





#25

Isophorone

Concen: 22.103 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

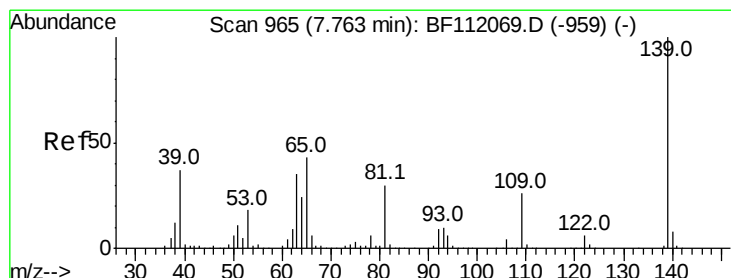
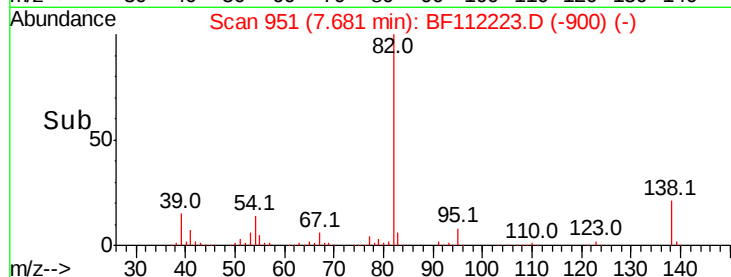
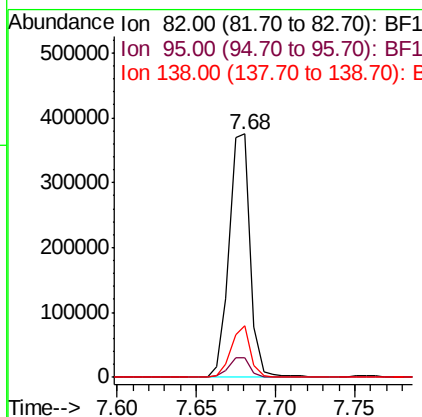
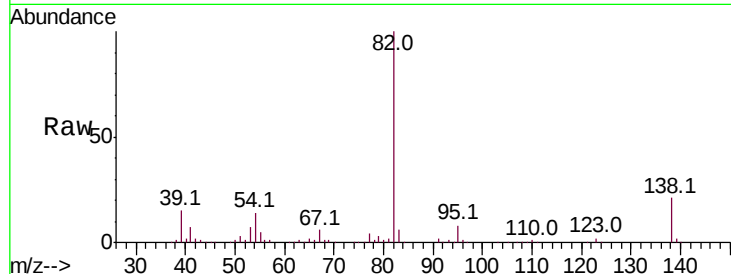
ClientSampleId :

TS-VMS

Tot Ion:	82	Resp:	347149
Ion Ratio	Lower	Upper	
82	100		
95	8.2	5.7	8.5
138	21.0	15.4	23.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 20.992 ng

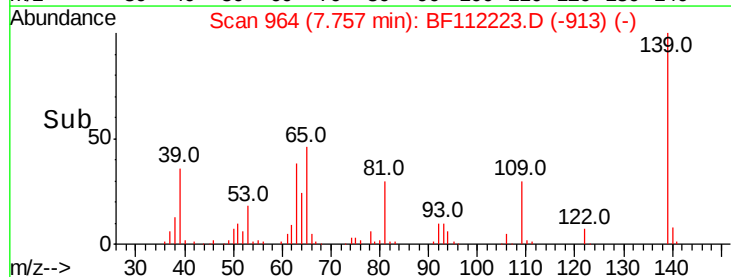
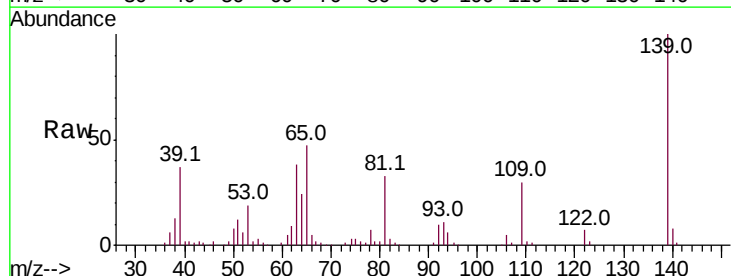
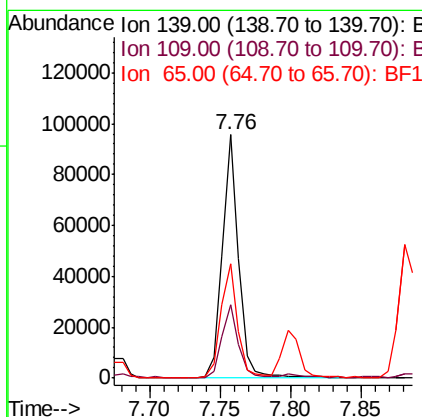
RT: 7.76 min Scan# 964

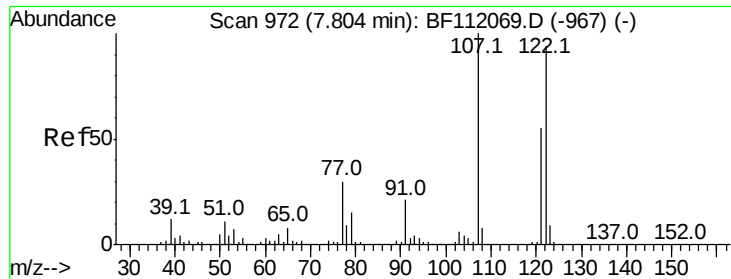
Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:	139	Resp:	76872
Ion Ratio	Lower	Upper	
139	100		
109	30.2	20.8	31.2
65	47.0	34.4	51.6





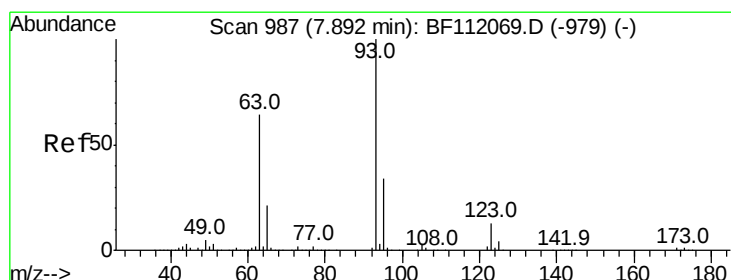
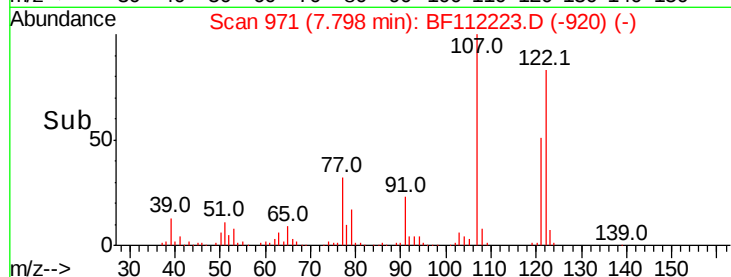
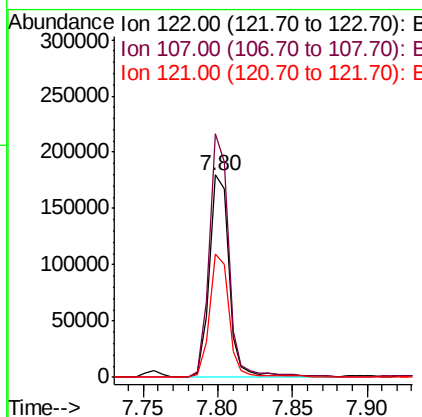
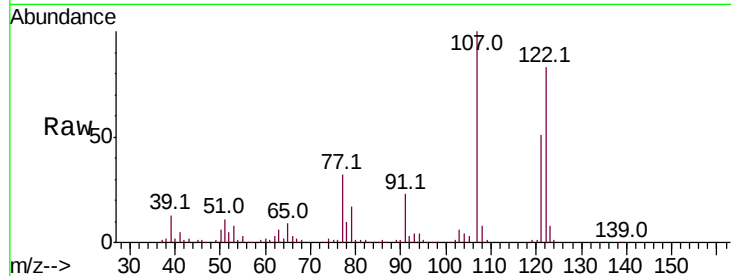
#27
2,4-Dimethylphenol
Concen: 22.933 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.5	85.4	128.0
121	61.3	47.0	70.4

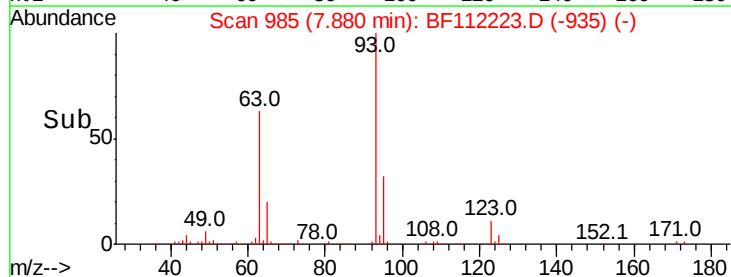
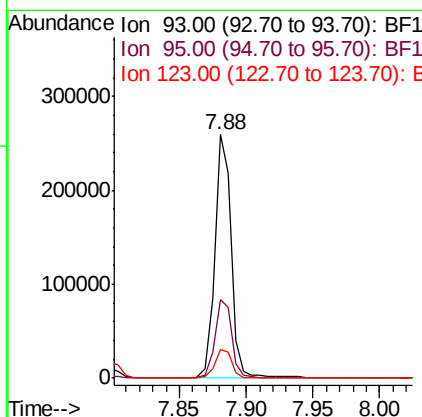
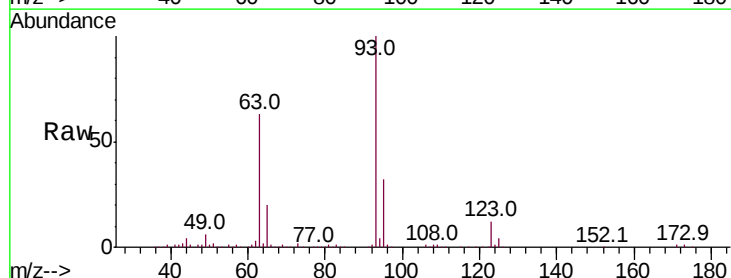
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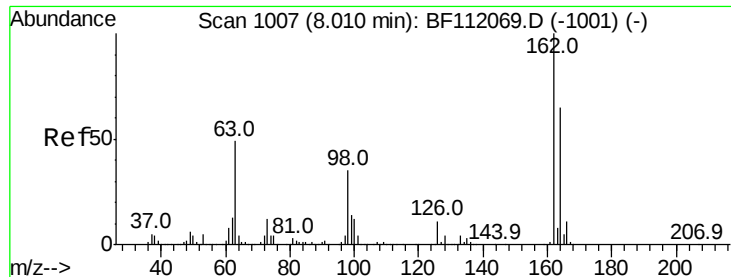
Sohil
1/25/2019 10:05:28 AM



#28
bis(2-Chloroethoxy)methane
Concen: 20.911 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.8	40.2
123	11.6	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 20.178 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

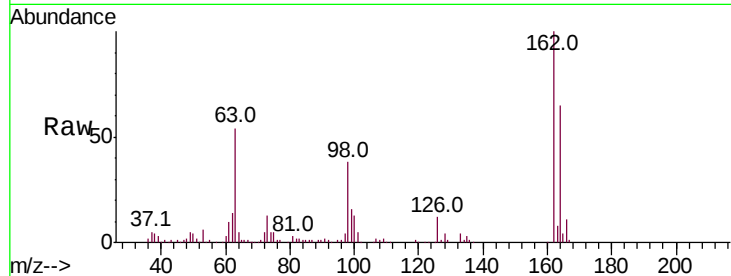
ClientSampled :

TS-VMS

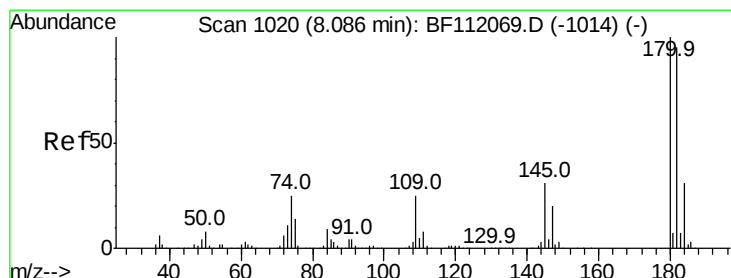
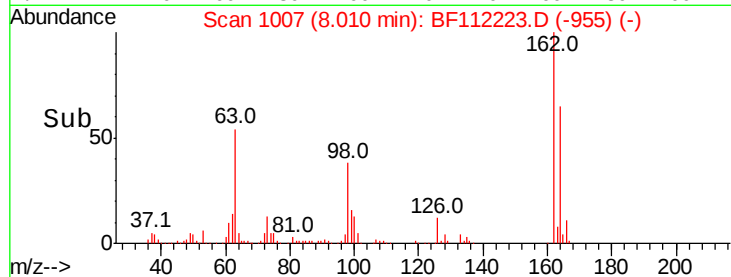
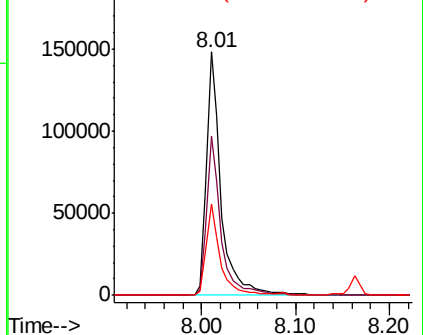
Tot Ion:	162	Resp:	160697
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.6	84.6
98	37.7	14.6	54.6

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 19.072 ng

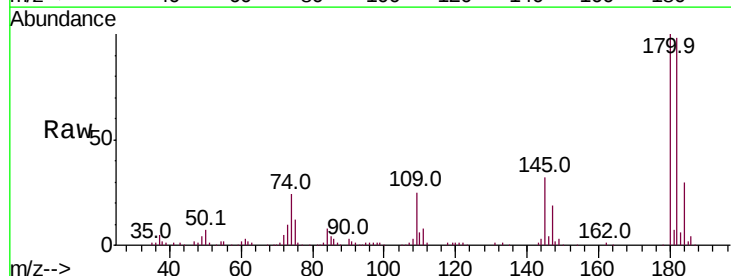
RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

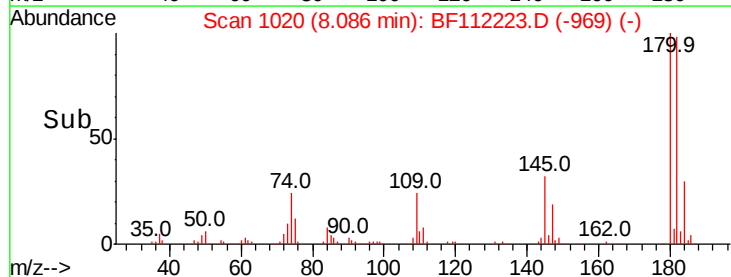
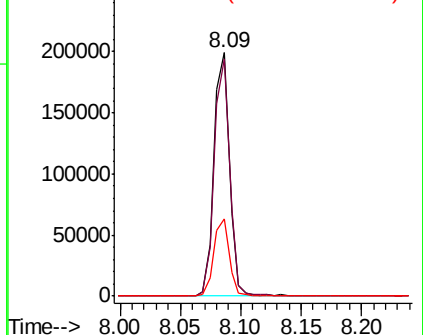
Lab File: BF112223.D

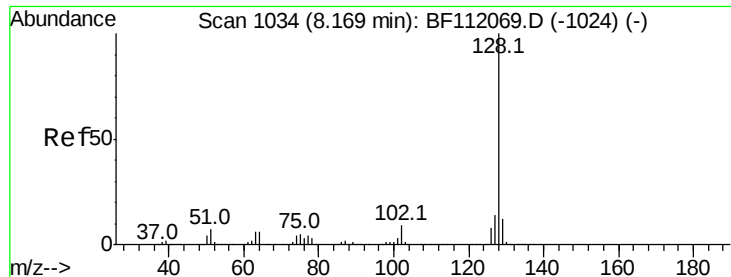
Acq: 24 Jan 2019 21:51

Tgt Ion:	180	Resp:	176270
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.4	114.6
145	31.7	25.0	37.4



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





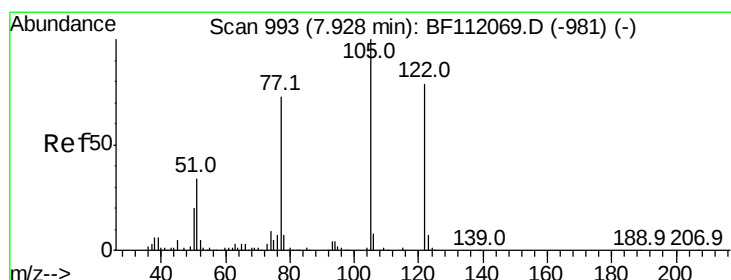
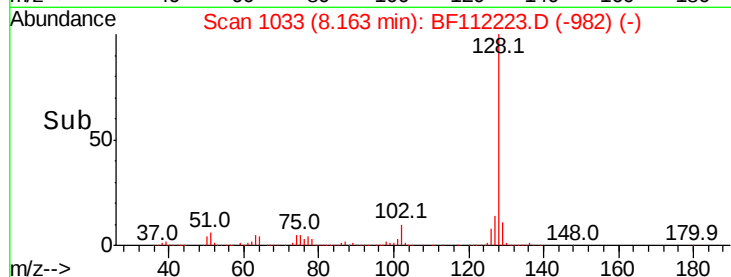
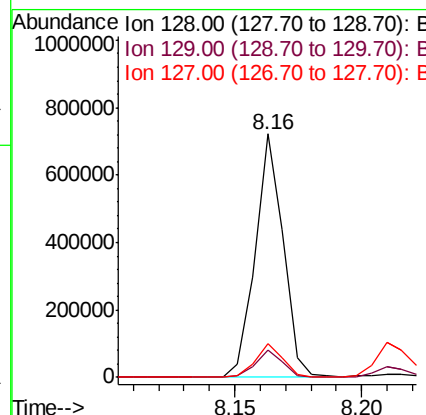
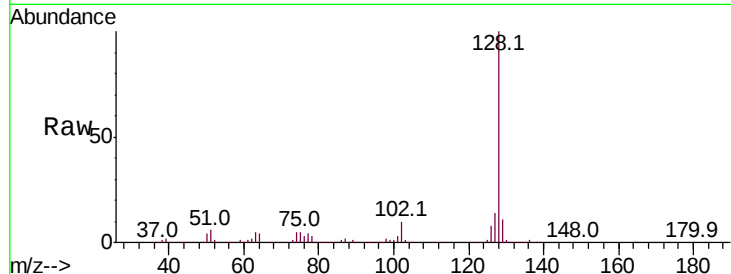
#31
Naphthalene
Concen: 21.727 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.7	11.1	16.7

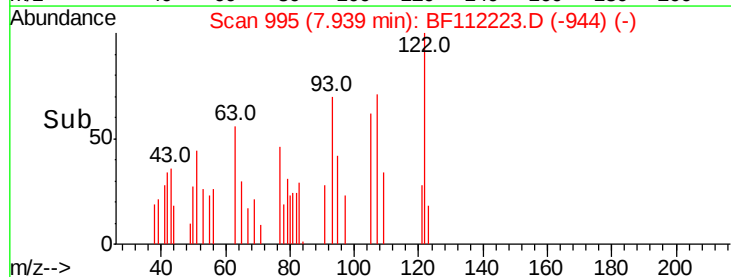
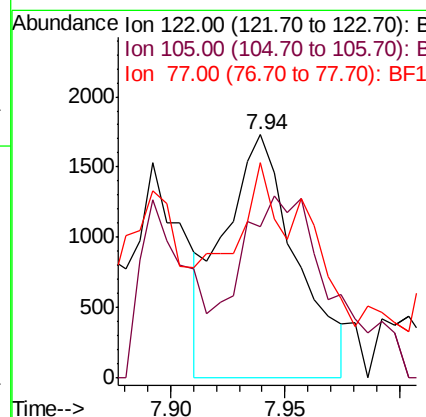
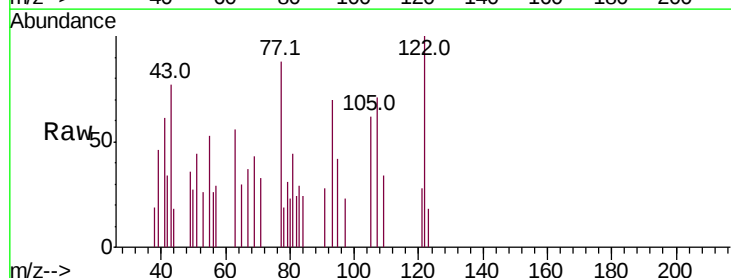
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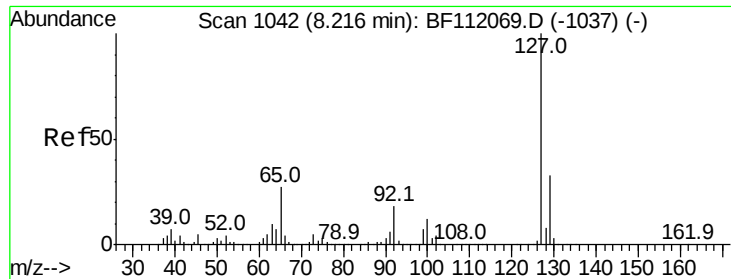
Sohil
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#32
Benzoic acid
Concen: 8.417 ng m
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	62.4	101.2	141.2#
77	88.3	70.4	110.4





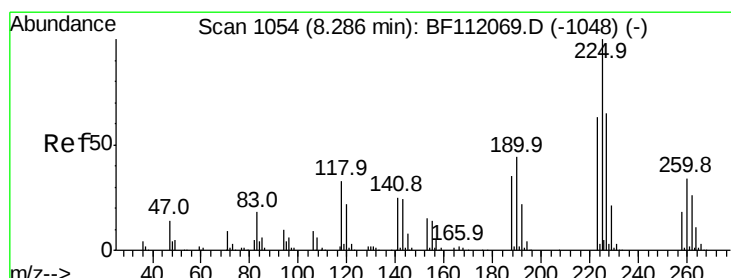
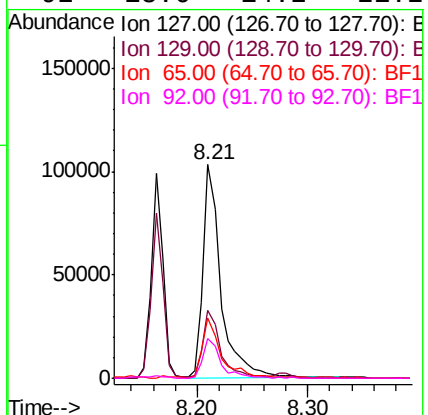
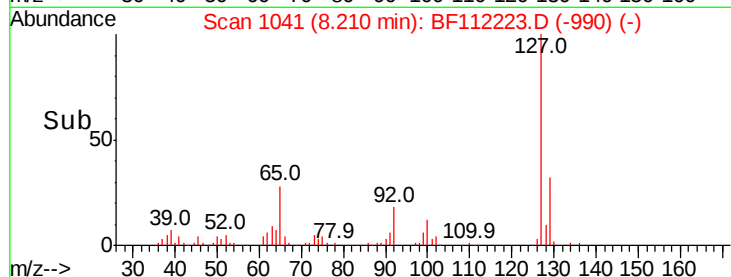
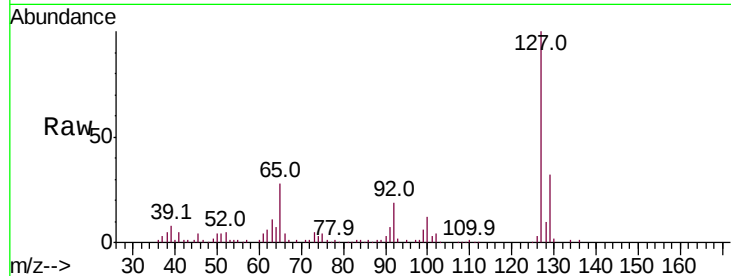
#33
 4-Chloroaniline
 Concen: 9.859 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.6	39.8	
65	28.3	21.4	32.2	
92	18.6	14.2	21.2	

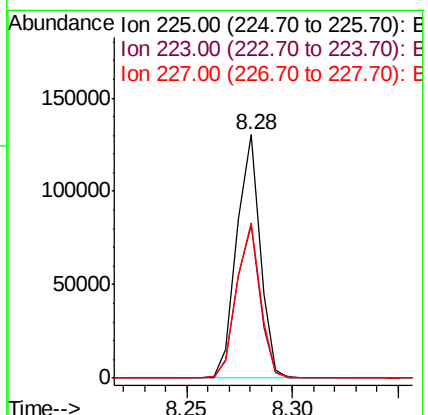
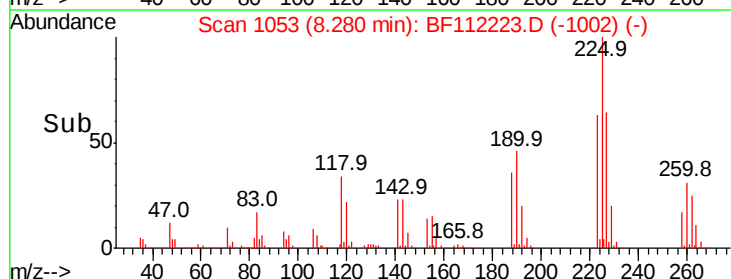
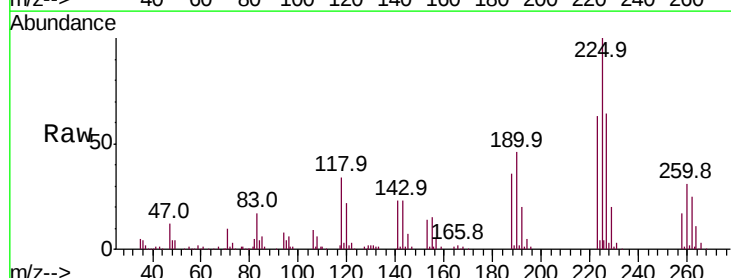
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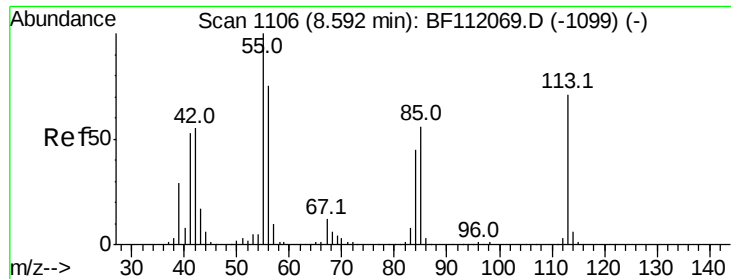
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#34
 Hexachlorobutadiene
 Concen: 19.390 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.3	75.5	
227	63.9	51.8	77.8	





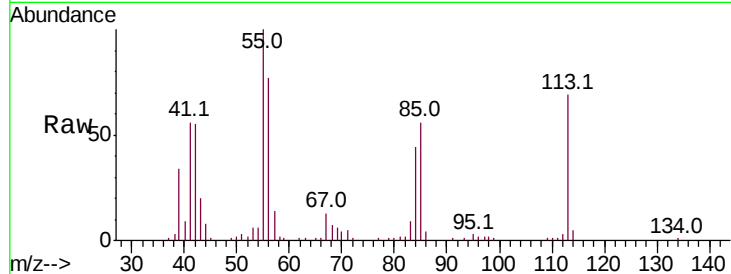
#35
 Caprolactam
 Concen: 16.105 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.04 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

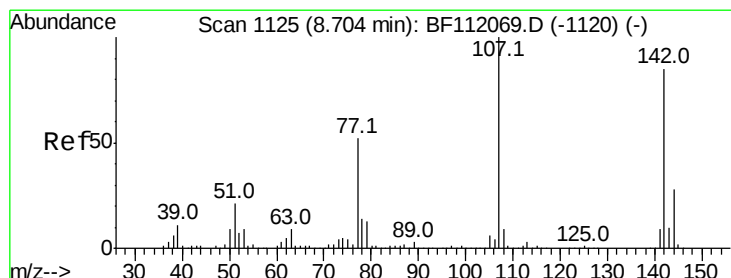
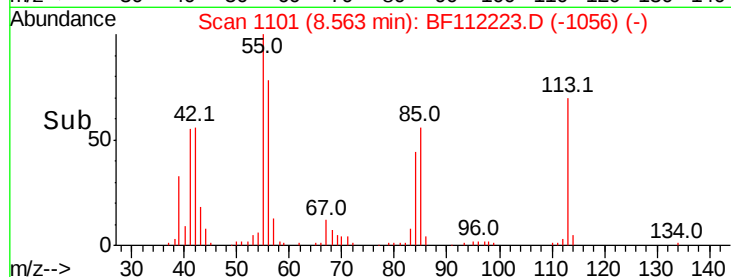
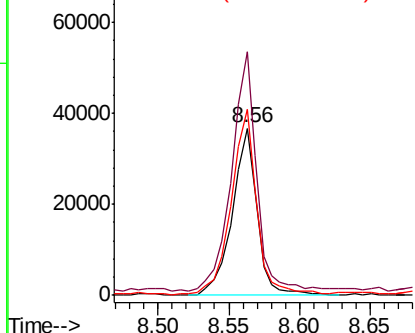
Tot Ion:113 Resp: 44892
 Ion Ratio Lower Upper
 113 100
 55 145.5 121.6 161.6
 56 111.5 86.7 126.7

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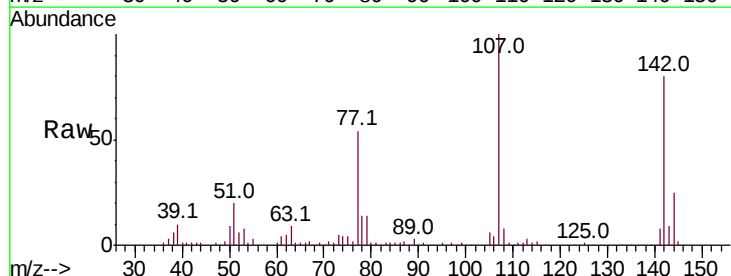


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

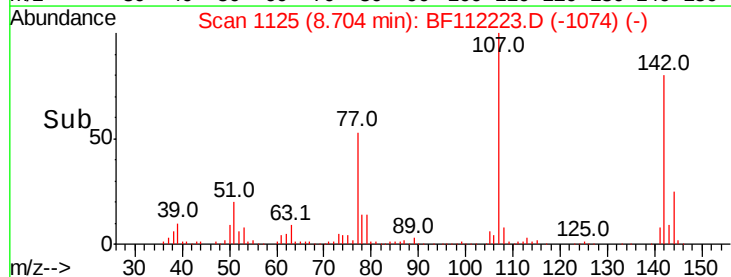
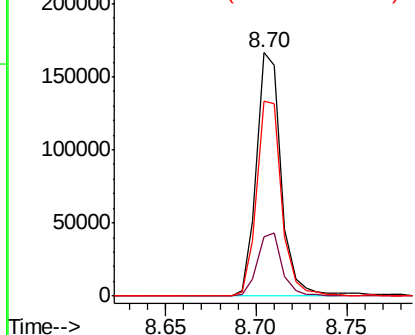


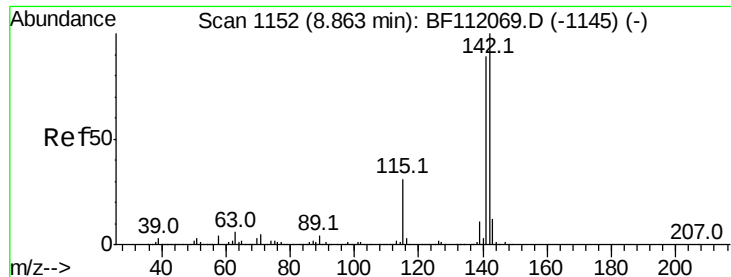
#36
 4-Chloro-3-methylphenol
 Concen: 20.398 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion:107 Resp: 158665
 Ion Ratio Lower Upper
 107 100
 144 24.6 22.2 33.2
 142 80.3 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





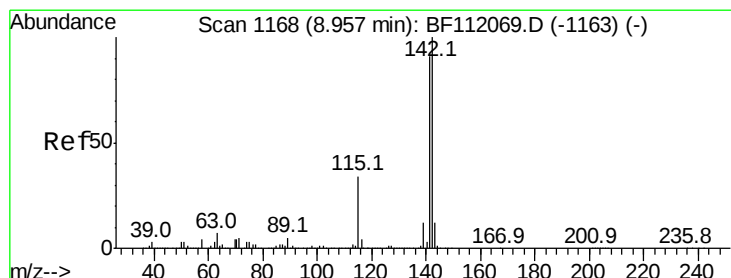
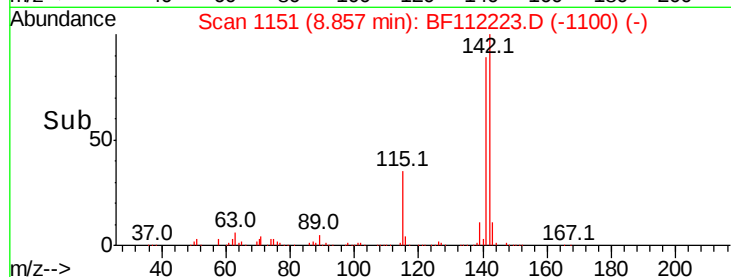
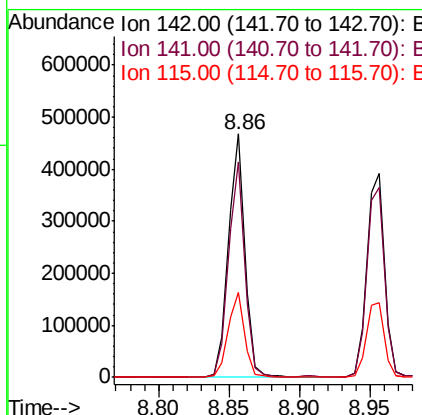
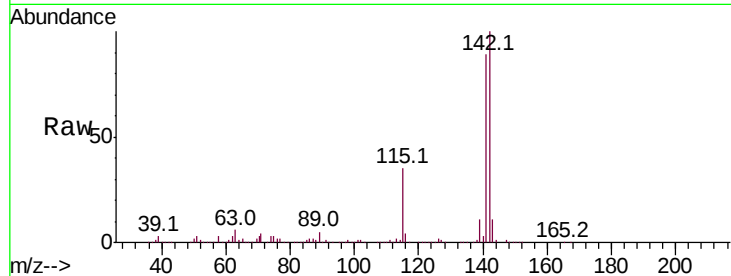
#37
2-Methylnaphthalene
Concen: 21.842 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	378983		
141	88.6		70.9	106.3
115	34.6		24.9	37.3

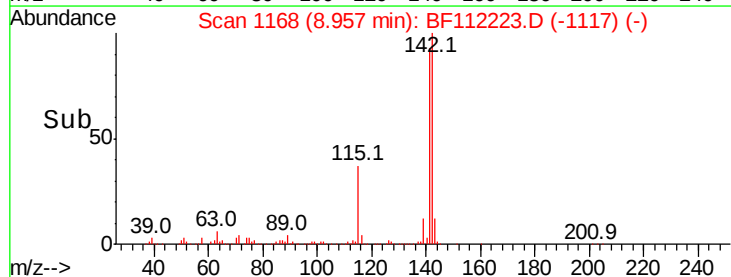
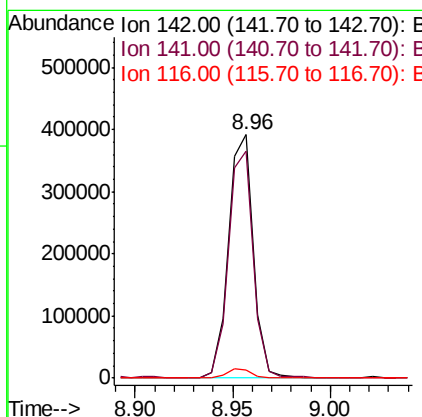
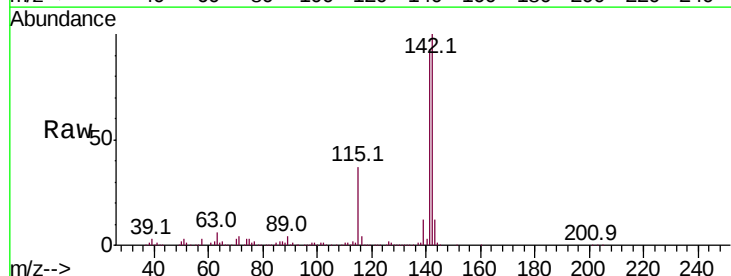
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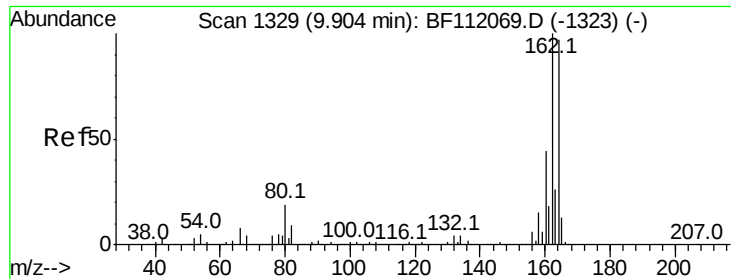
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#38
1-Methylnaphthalene
Concen: 20.558 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	342811		
141	93.2		72.6	108.8
116	3.5		2.8	4.2





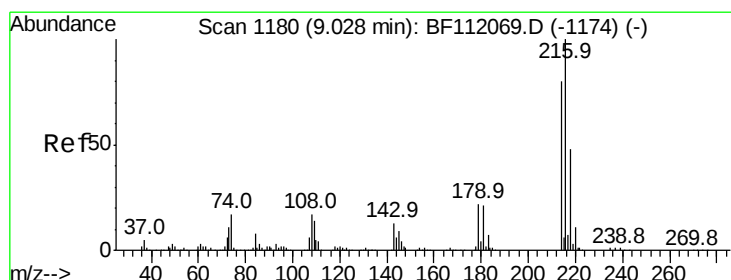
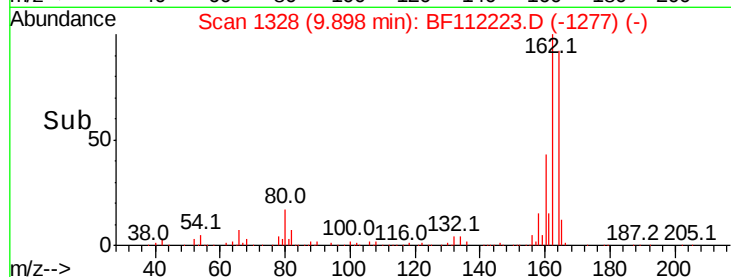
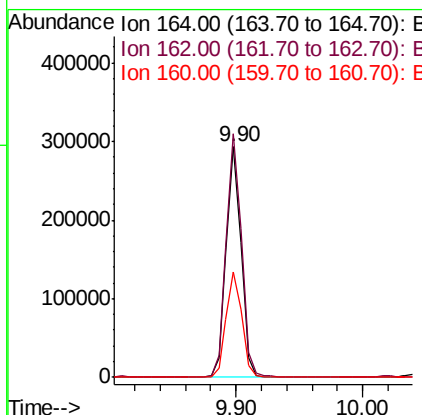
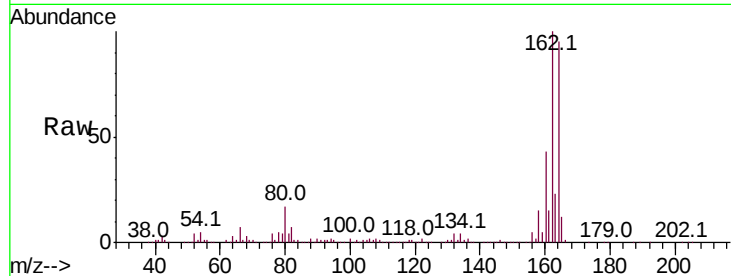
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	45.6	36.2	54.4

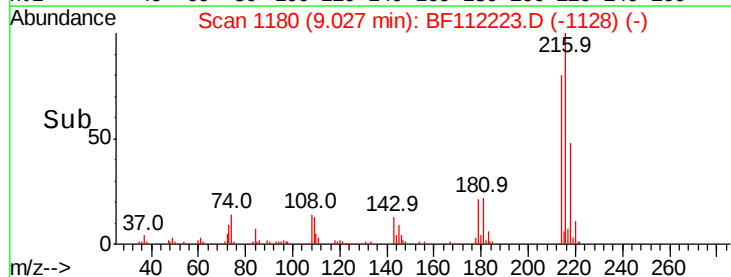
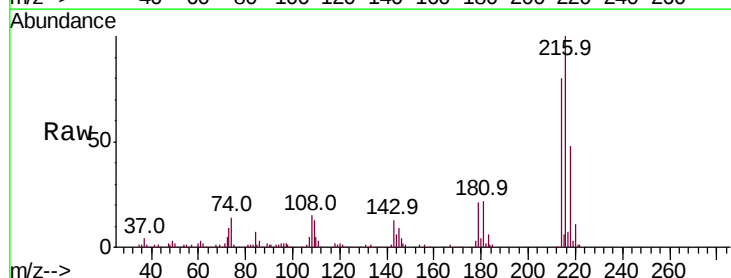
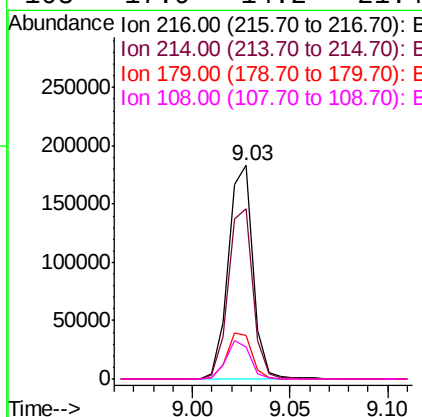
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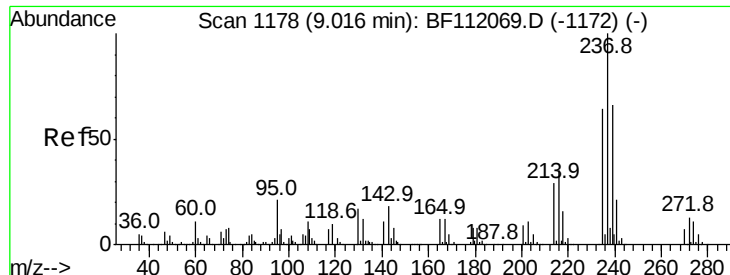
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.758 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.6
179	22.1	16.9	25.3
108	17.9	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 7.958 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

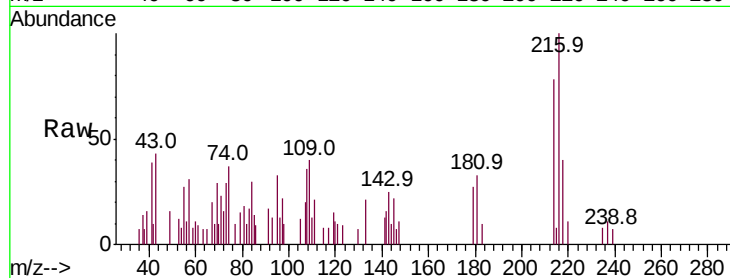
ClientSampleId :

TS-VMS

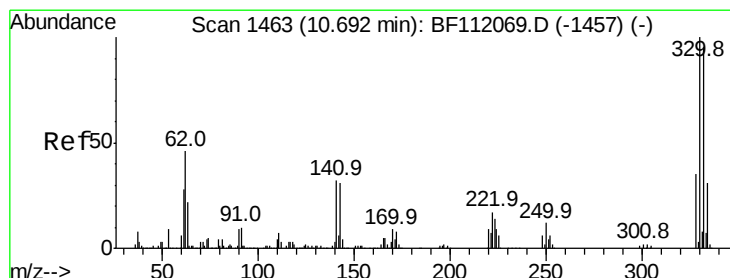
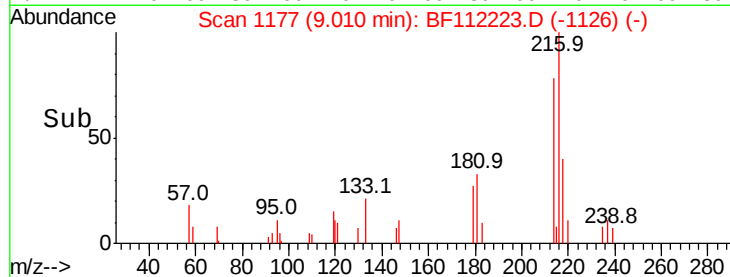
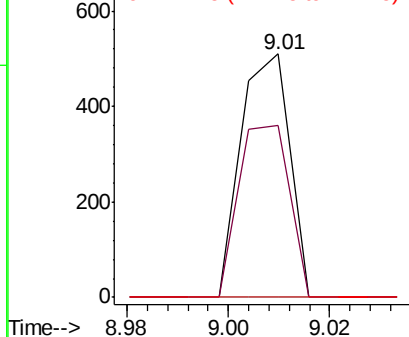
Tot Ion:	237	Resp:	340
Ion Ratio	Lower	Upper	
237	100		
235	70.4	44.0	84.0
272	0.0	0.0	33.3

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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: 58.838 ng

RT: 10.69 min Scan# 1463

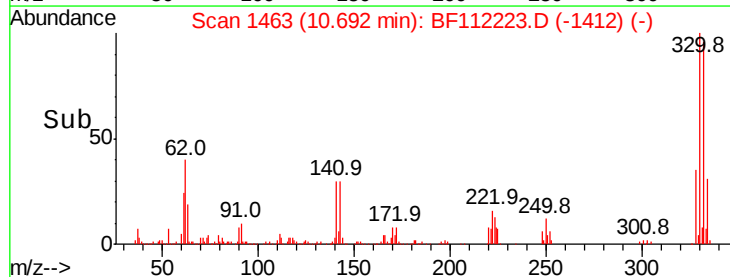
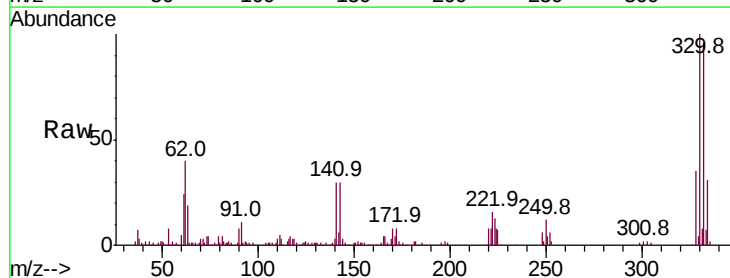
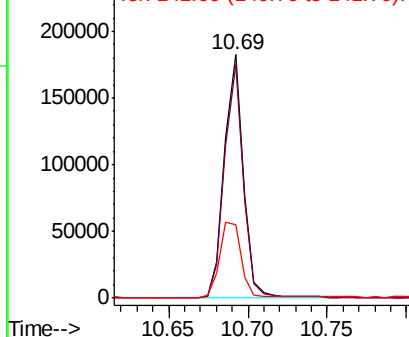
Delta R.T. 0.00 min

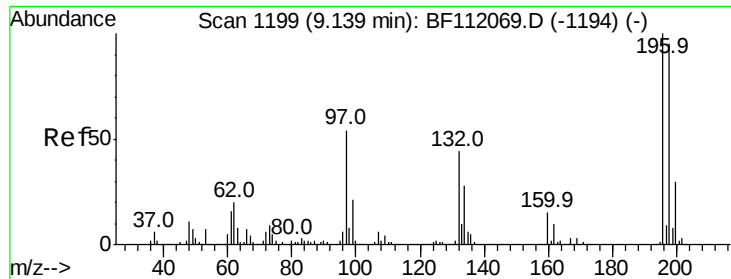
Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:	330	Resp:	152595
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	114.8
141	34.8	24.3	36.5

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





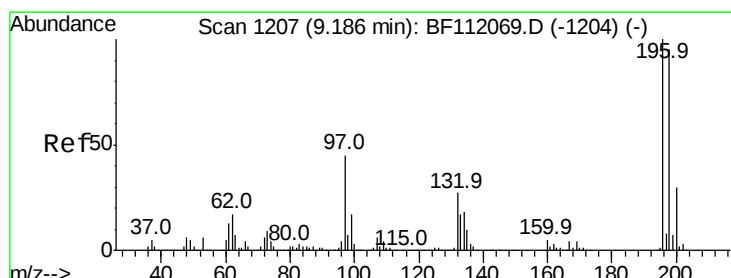
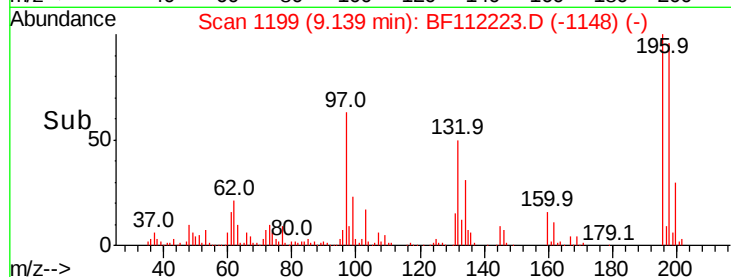
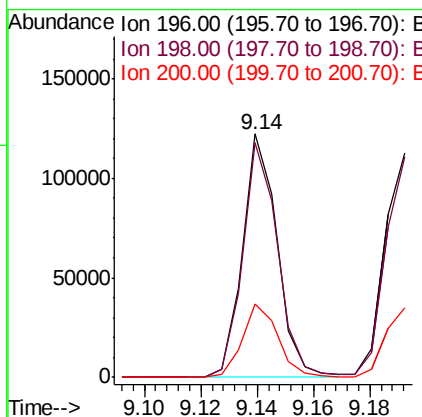
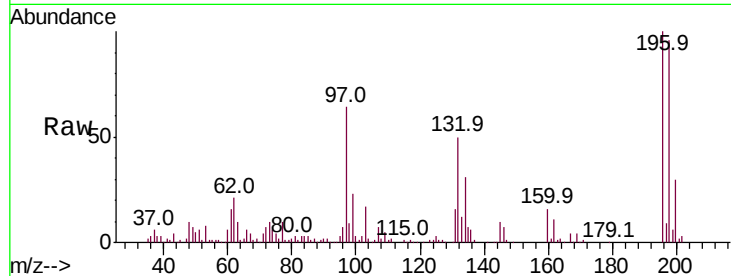
#43
 2,4,6-Trichlorophenol
 Concen: 22.569 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104229		
198	96.4	76.2	114.4	
200	30.0	24.3	36.5	

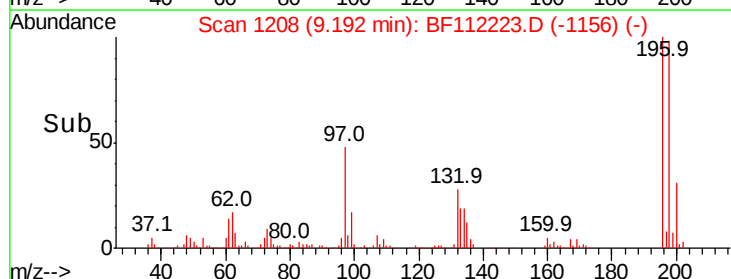
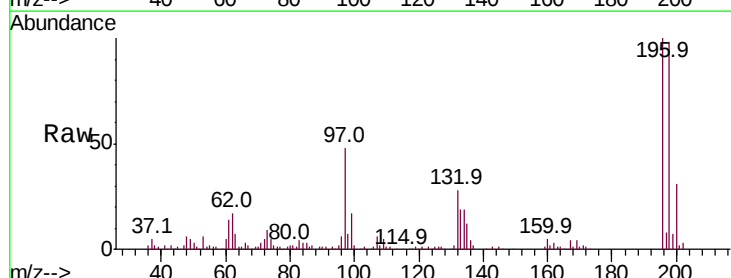
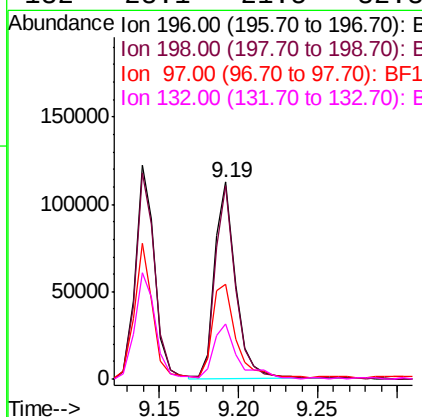
Manual Integrations
 APPROVED

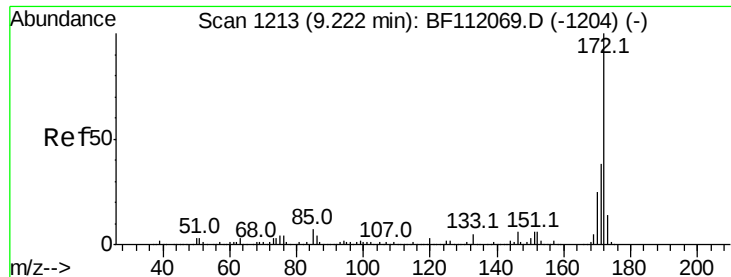
Sohil
 1/25/2019 10:05:28 AM



#44
 2,4,5-Trichlorophenol
 Concen: 21.279 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104665		
198	98.3	76.0	114.0	
97	48.1	36.4	54.6	
132	28.1	21.5	32.3	





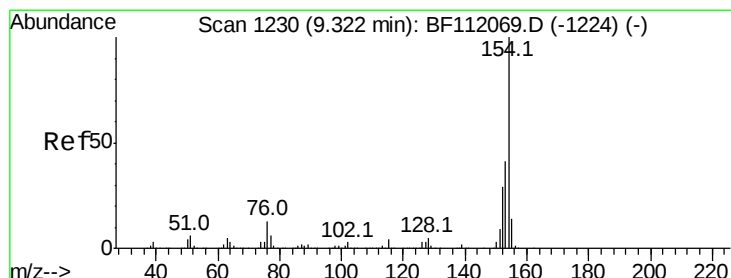
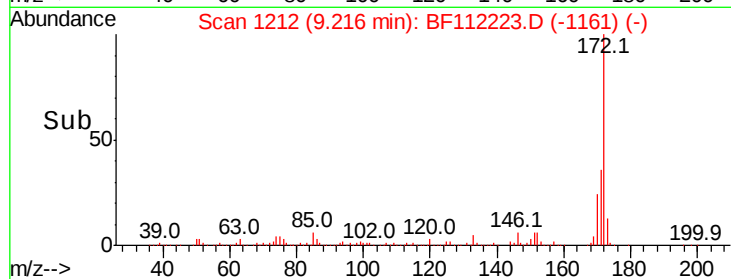
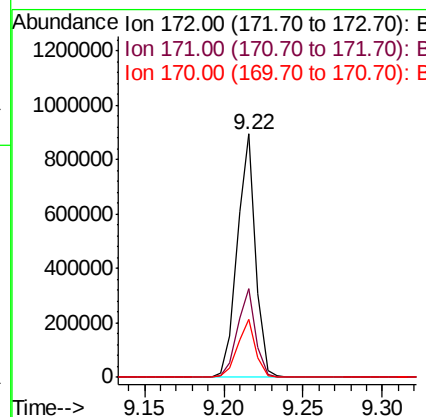
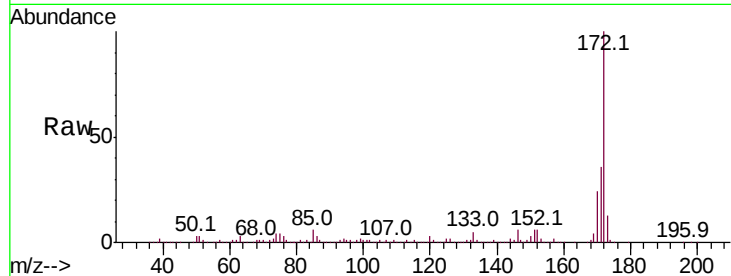
#45
2-Fluorobiphenyl
Concen: 43.389 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	23.7	20.2	30.4

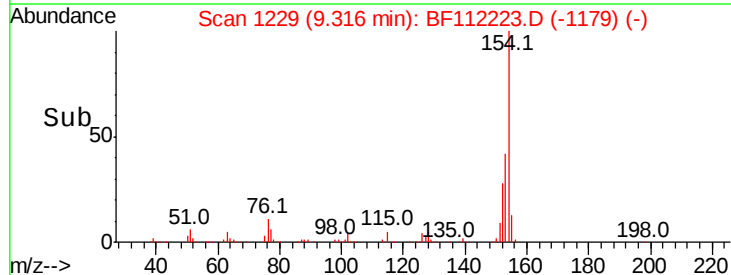
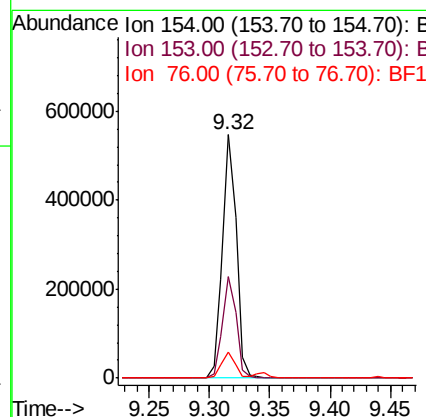
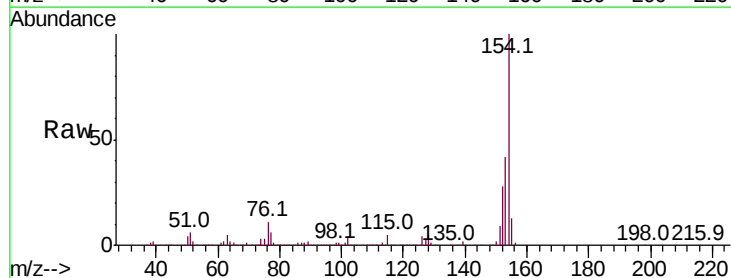
Manual Integrations
APPROVED

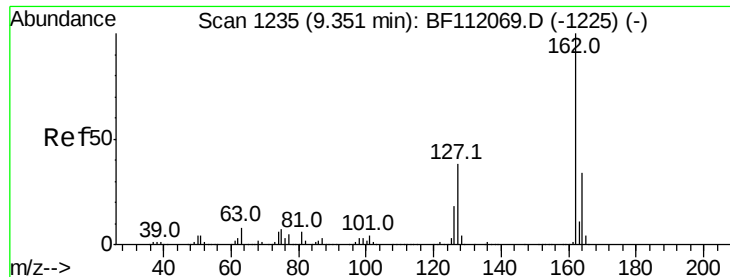
Sohil
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#46
1,1'-Biphenyl
Concen: 21.470 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.5	61.5
76	10.7	0.0	33.1





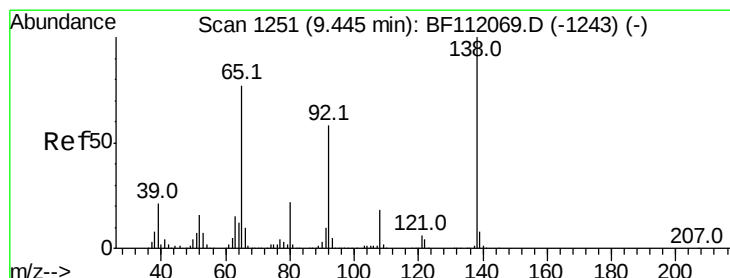
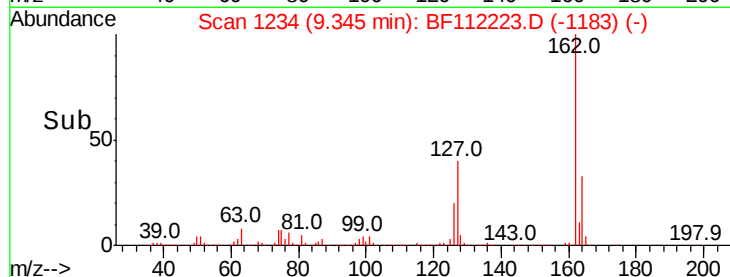
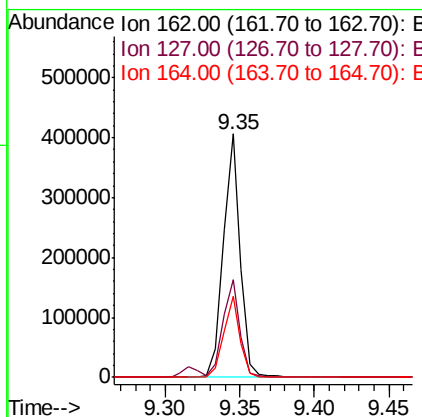
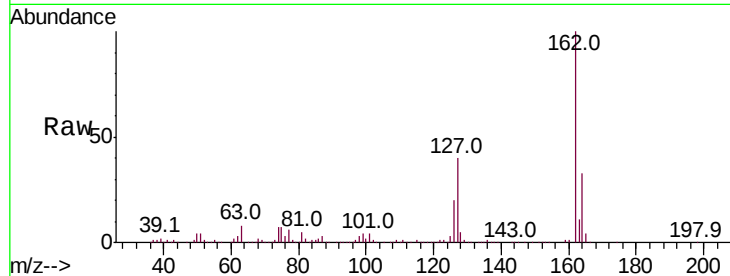
#47
2-Chloronaphthalene
Concen: 20.640 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	324782		
127	40.2		30.4	45.6
164	33.3		27.4	41.2

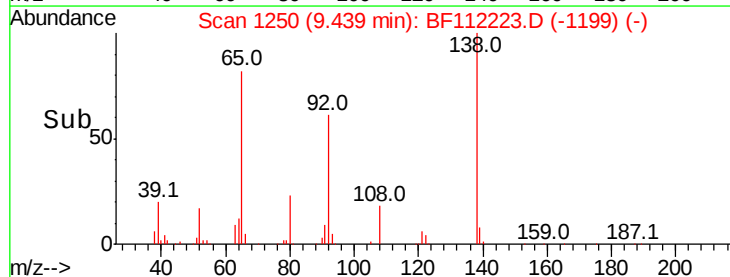
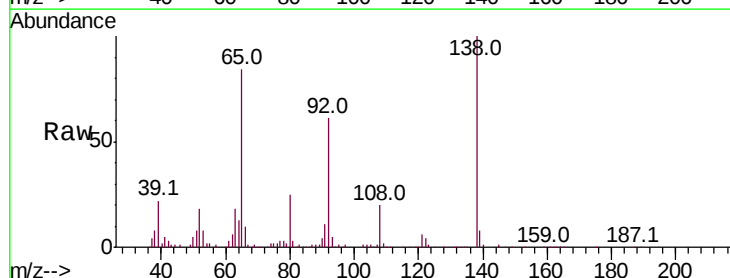
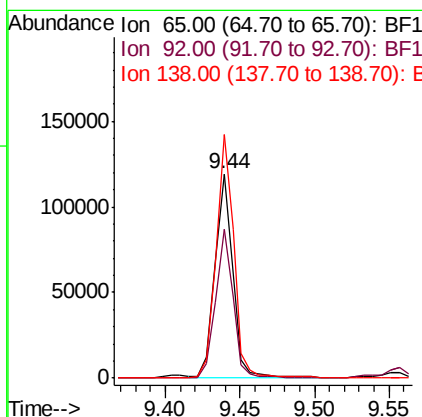
Manual Integrations
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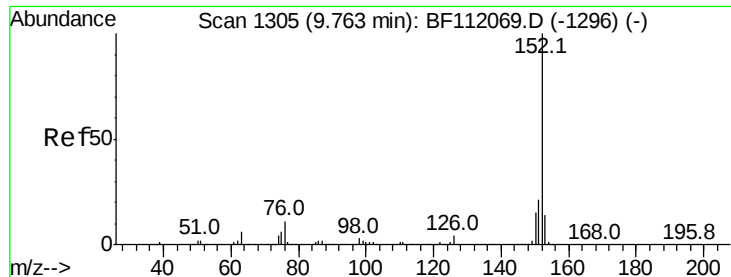
Sohil
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#48
2-Nitroaniline
Concen: 27.670 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	98072		
92	72.8		60.4	90.6
138	119.3		104.4	156.6





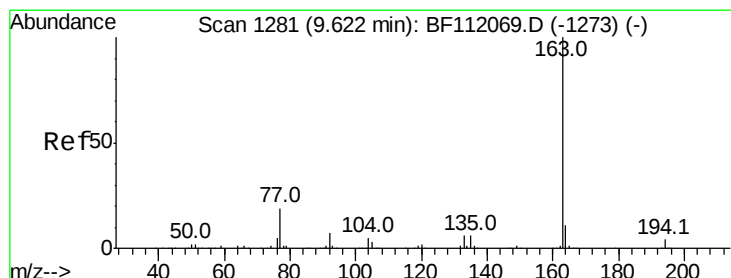
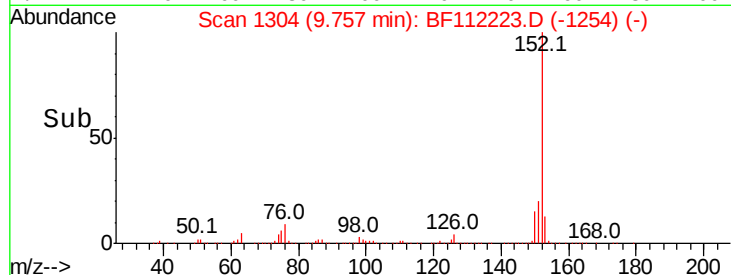
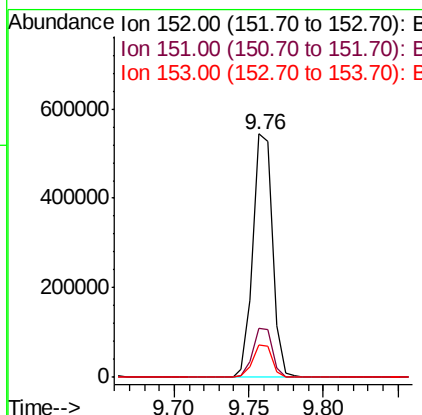
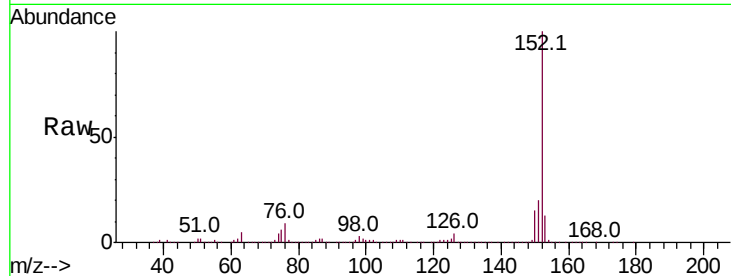
#49
Acenaphthylene
Concen: 21.575 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	495415		
151	20.3		17.0	25.6
153	13.5		11.2	16.8

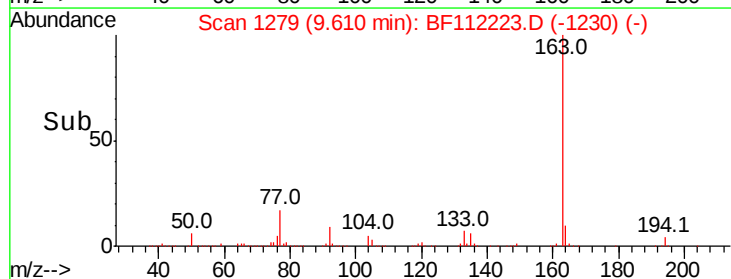
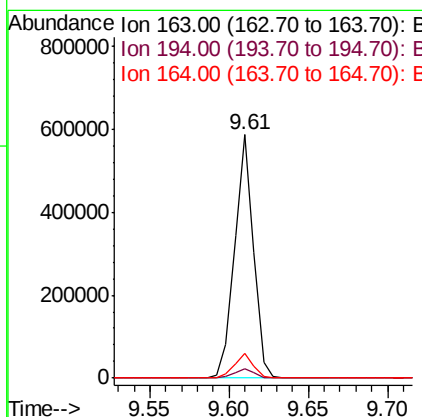
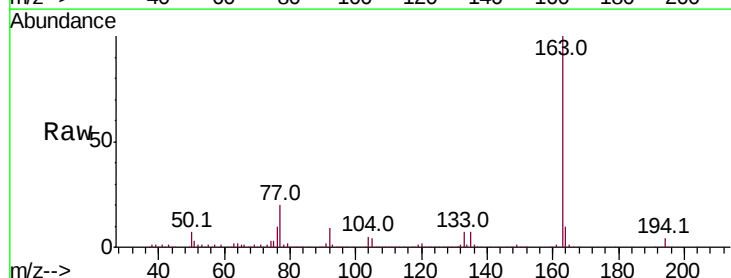
Manual Integrations
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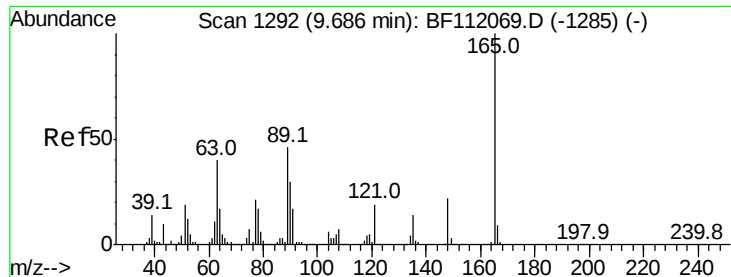
Sohil
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#50
Dimethylphthalate
Concen: 27.670 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	485129		
194	3.8		3.3	4.9
164	10.2		8.5	12.7





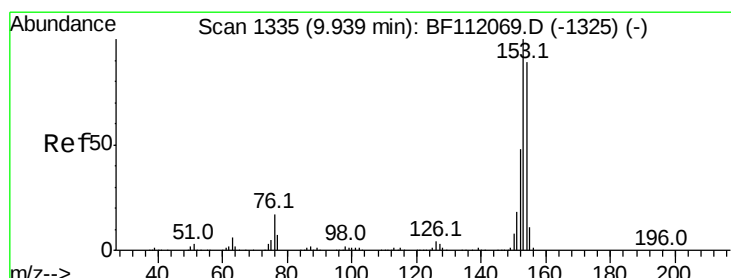
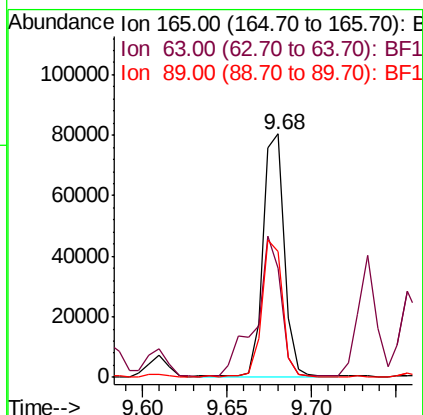
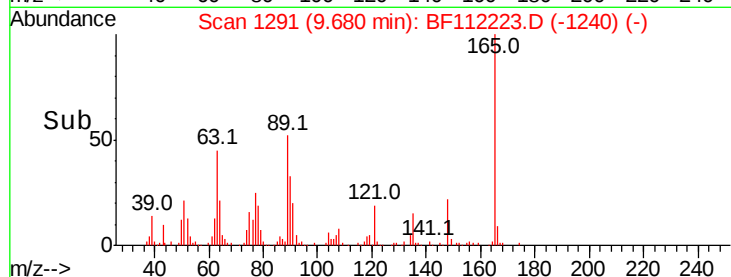
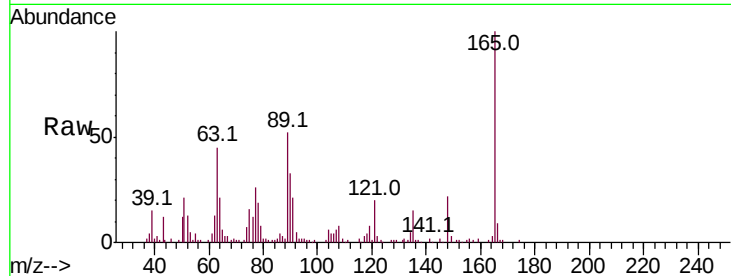
#51
2,6-Dinitrotoluene
Concen: 20.544 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	71930		
63	44.9		33.8	50.8
89	51.5		36.9	55.3

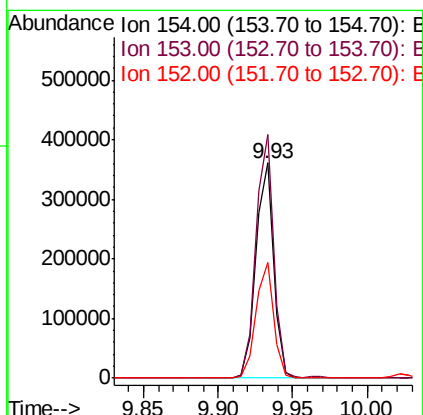
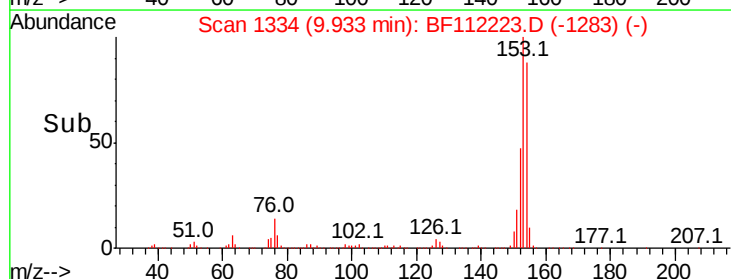
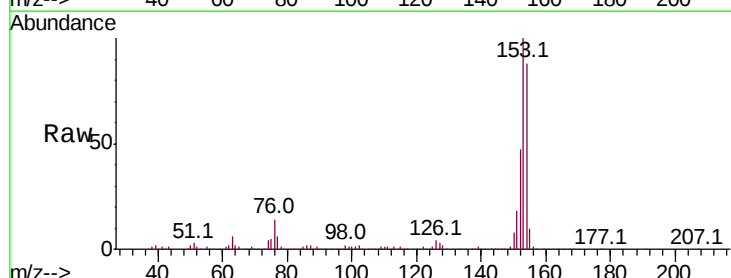
Manual Integrations
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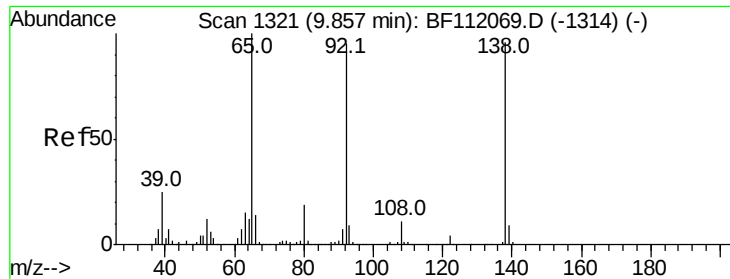
Sohil
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#52
Acenaphthene
Concen: 20.943 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	294232		
153	113.2		89.8	134.6
152	53.7		43.5	65.3





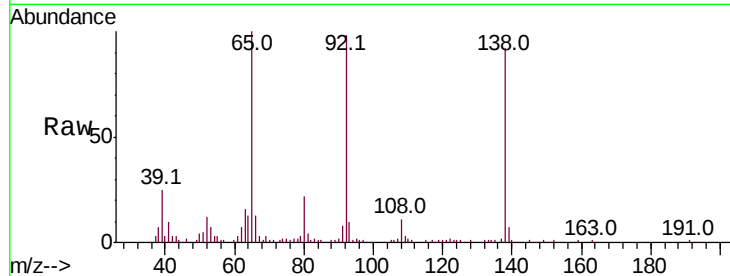
#53
3-Nitroaniline
Concen: 21.493 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.8	14.6
92	107.3	79.4	119.2

Manual Integrations
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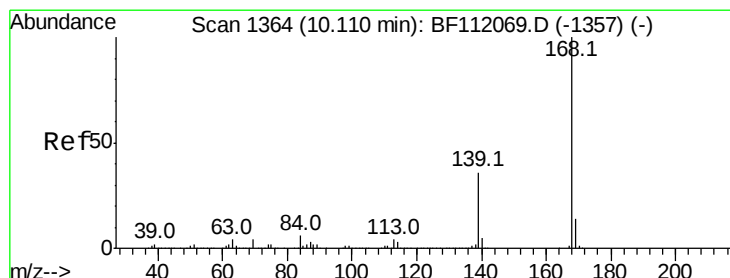
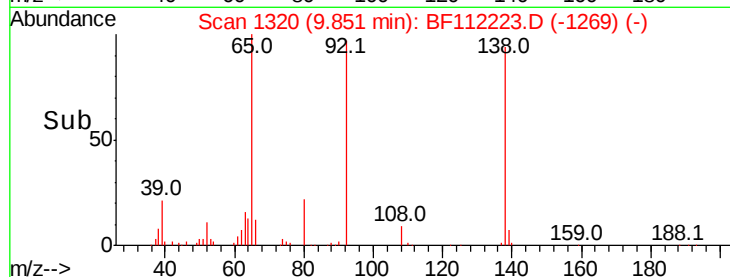
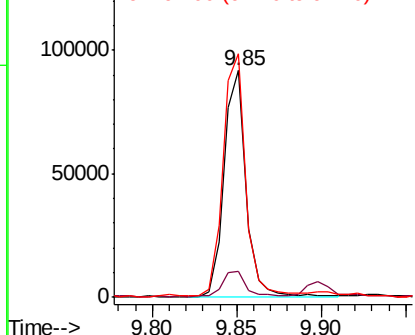


Abundance

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



#55
Dibenzofuran
Concen: 20.616 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

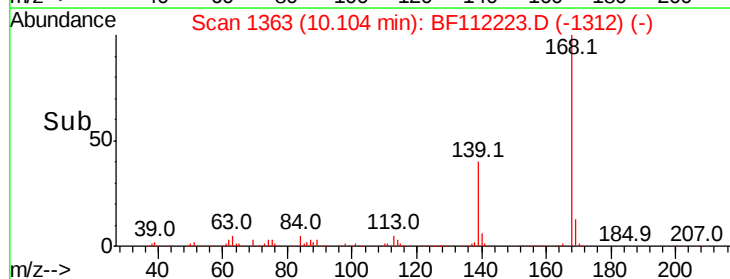
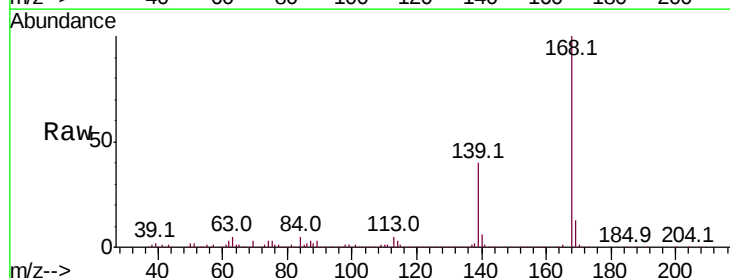
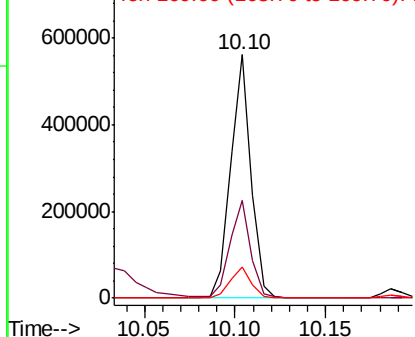
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	29.2	43.8
169	13.0	11.4	17.0

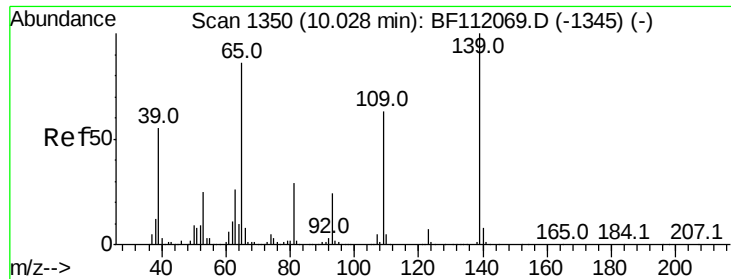
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





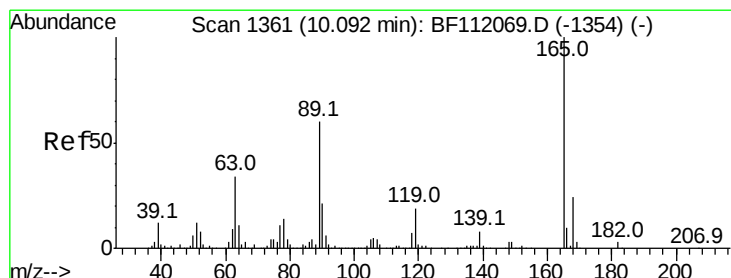
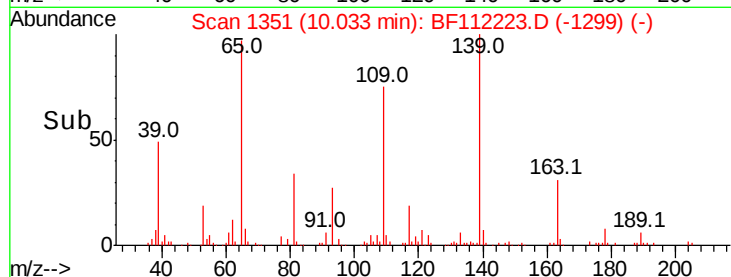
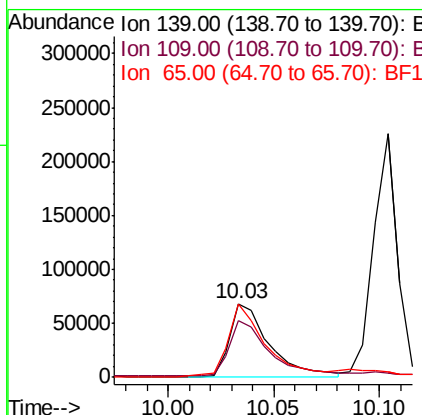
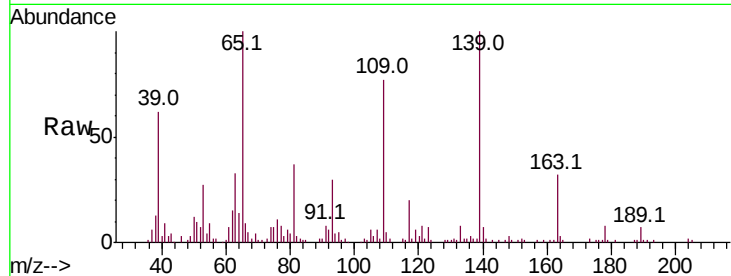
#56
4-Nitrophenol
Concen: 35.351 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.9	42.8	82.8
65	99.5	66.1	106.1

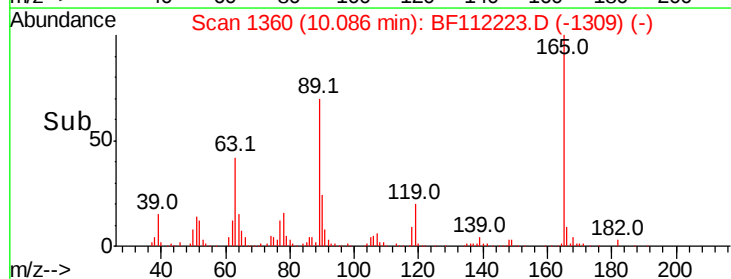
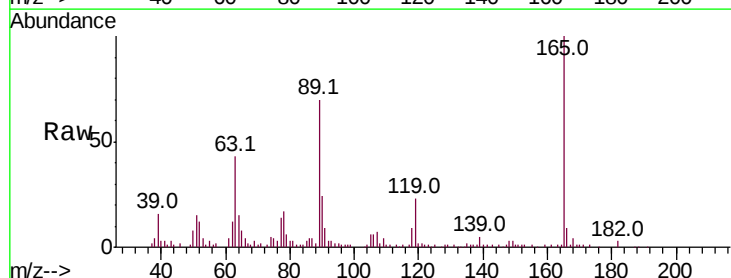
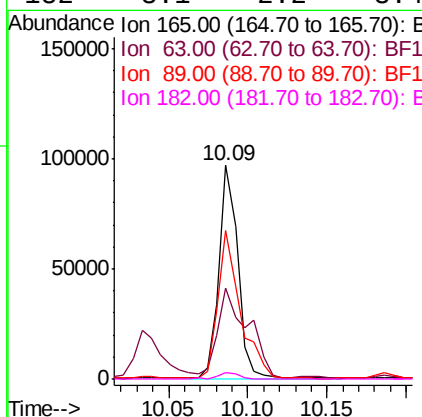
Manual Integrations
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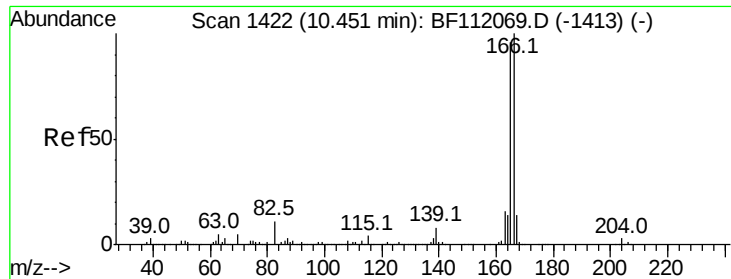
Sohil
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#57
2,4-Dinitrotoluene
Concen: 21.000 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.7	27.9	41.9#
89	69.5	47.9	71.9
182	3.1	2.2	3.4





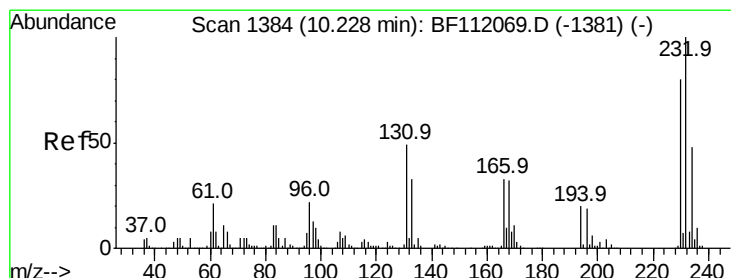
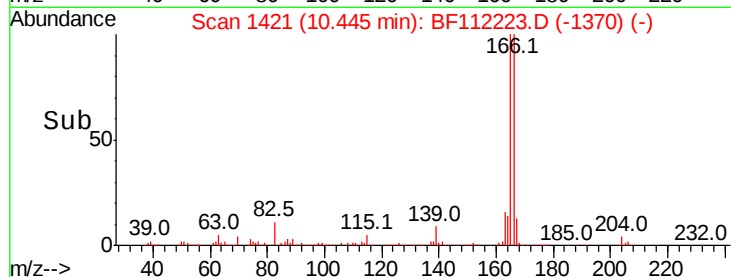
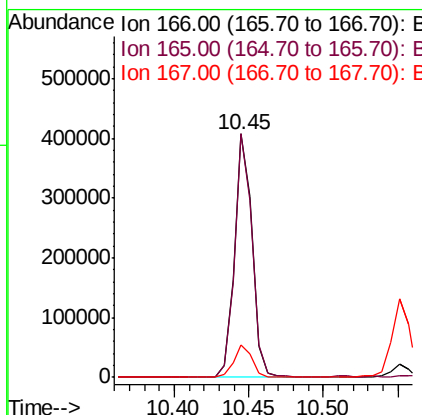
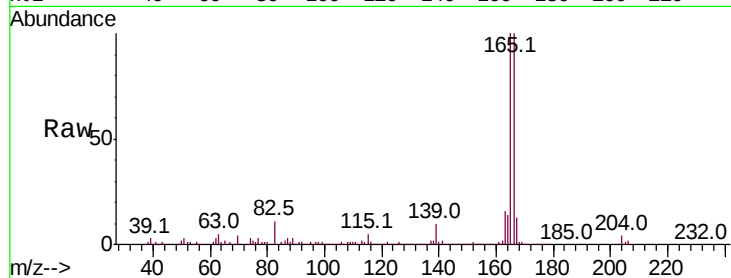
#58
 Fluorene
 Concen: 21.269 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampled :
 TS-VMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.1	115.7
167	13.1	11.3	16.9

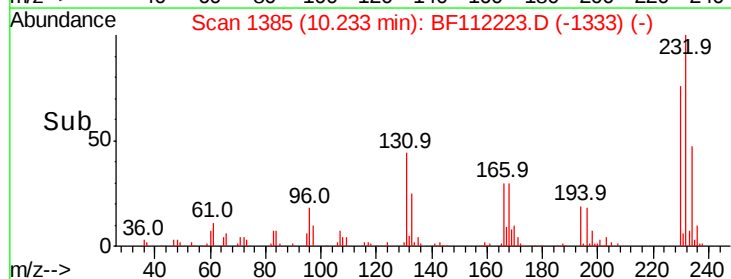
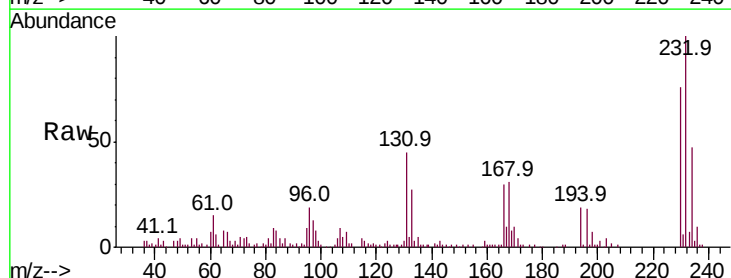
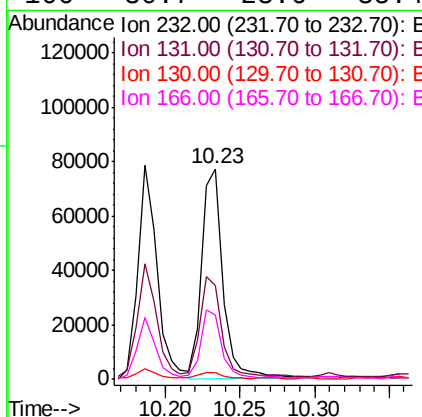
Manual Integrations
 APPROVED

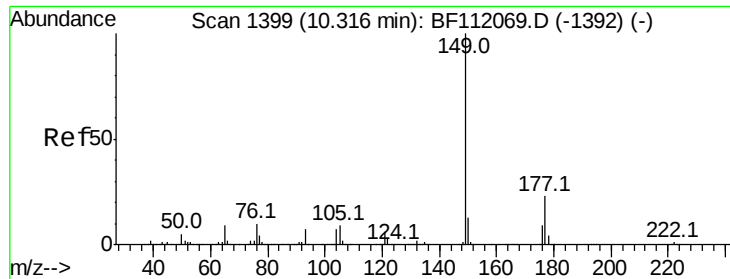
Sohil
 1/25/2019 10:05:28 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.396 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.6	33.9	50.9
130	3.4	1.8	2.6
166	30.7	23.6	35.4





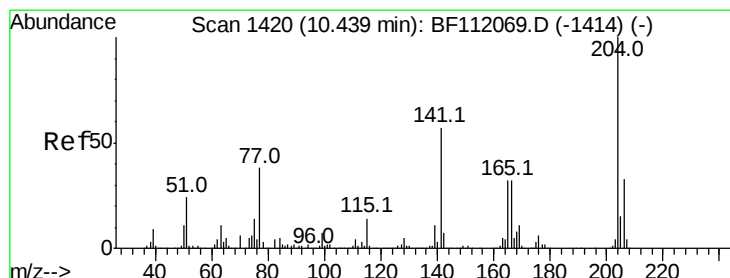
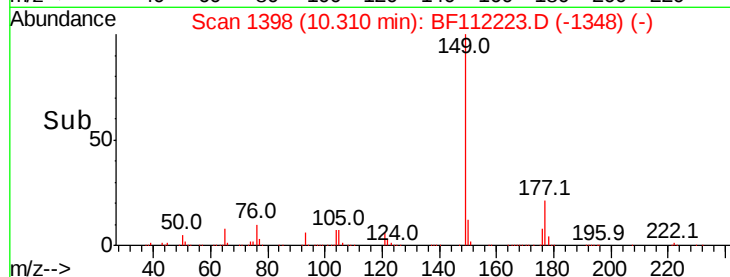
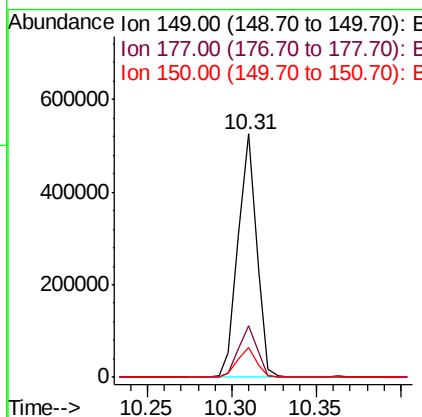
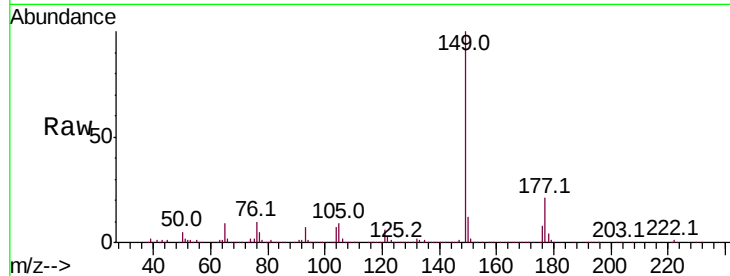
#60
Diethylphthalate
Concen: 23.558 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion:	149	Resp:	403168
Ion Ratio	Lower	Upper	
149	100		
177	21.5	18.2	27.2
150	12.1	10.4	15.6

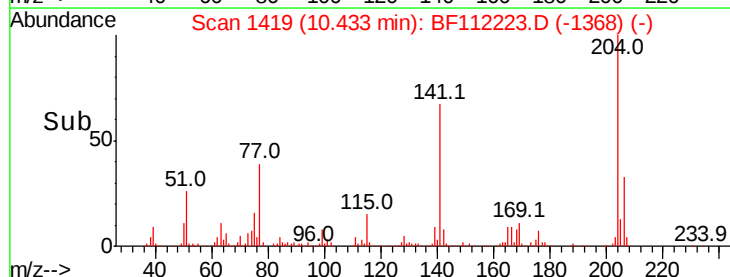
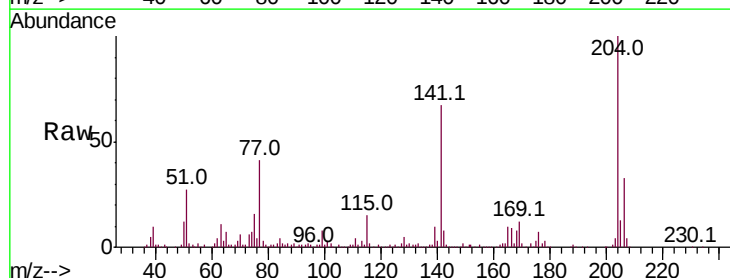
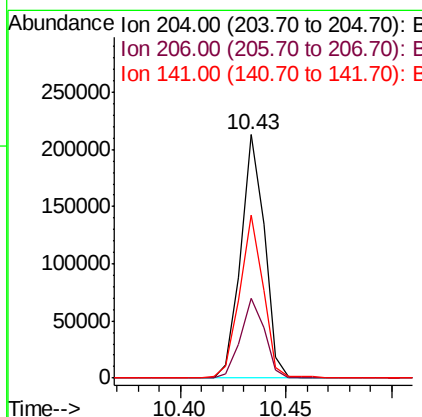
Manual Integrations
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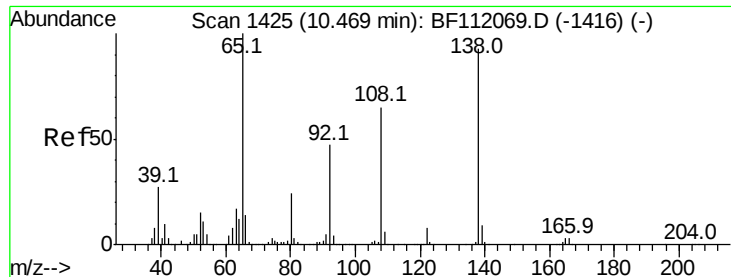
Sohil
1/25/2019 10:05:28 AM



#61
4-Chlorophenyl-phenylether
Concen: 19.323 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:	204	Resp:	165519
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	67.0	45.9	68.9





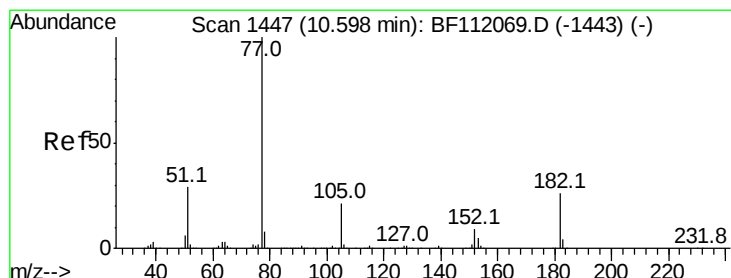
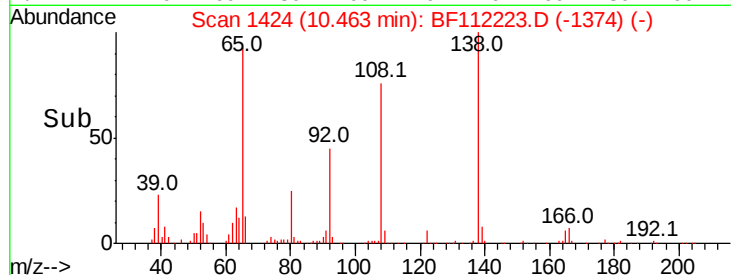
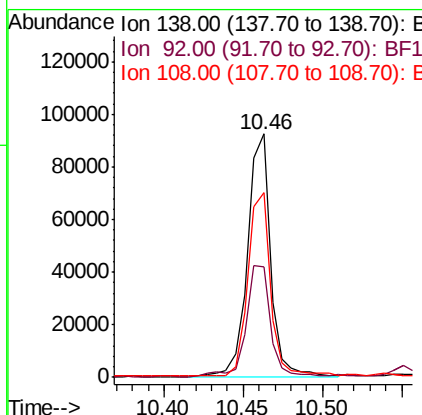
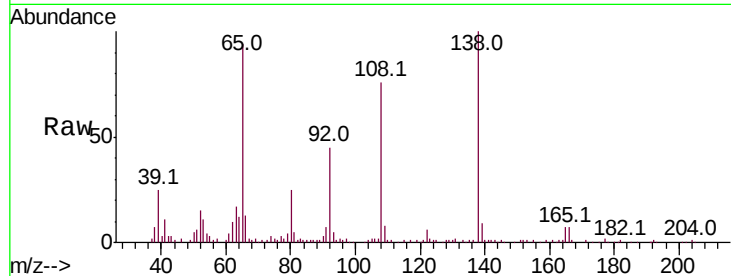
#62
4-Nitroaniline
Concen: 24.221 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.2	30.6	70.6
108	75.9	50.0	90.0

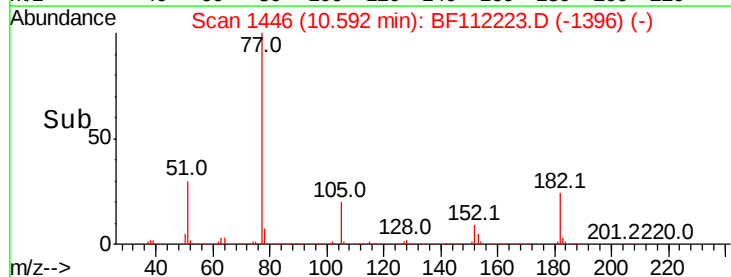
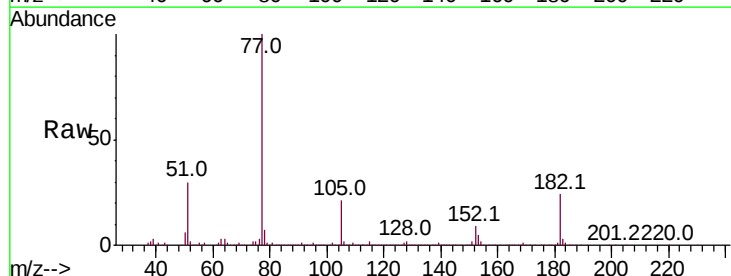
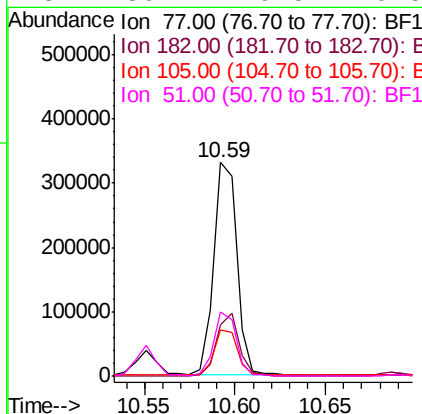
Manual Integrations
APPROVED

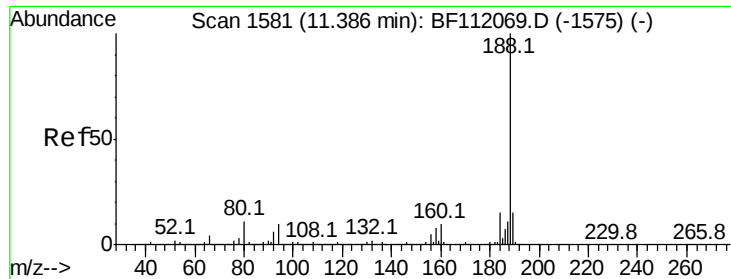
Sohil
1/25/2019 10:05:28 AM



#63
Azobenzene
Concen: 18.023 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	5.7	45.7
105	21.4	1.4	41.4
51	30.1	9.5	49.5





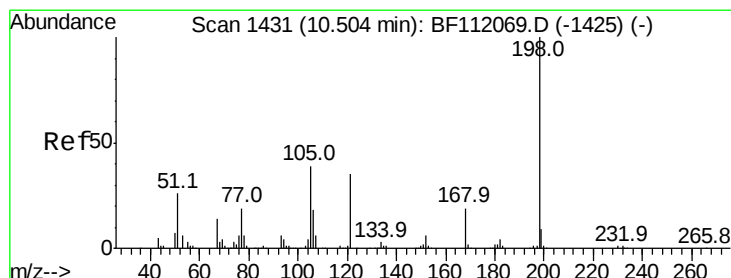
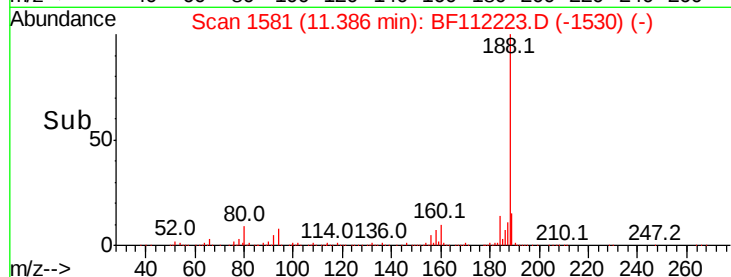
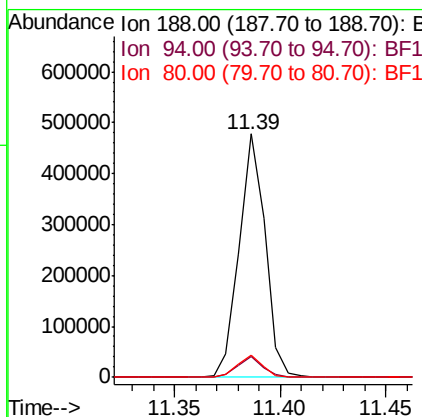
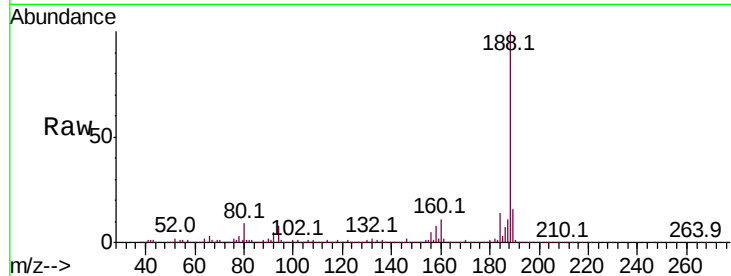
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	407471		
94	8.3		8.2	12.2
80	9.0		8.9	13.3

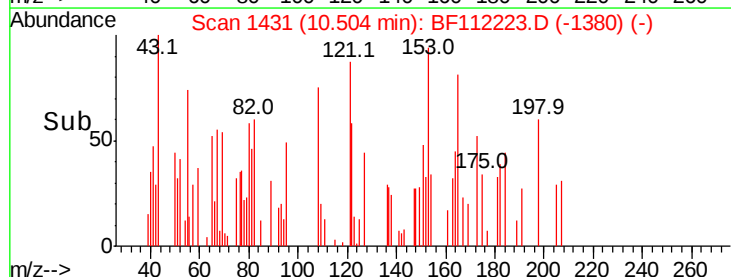
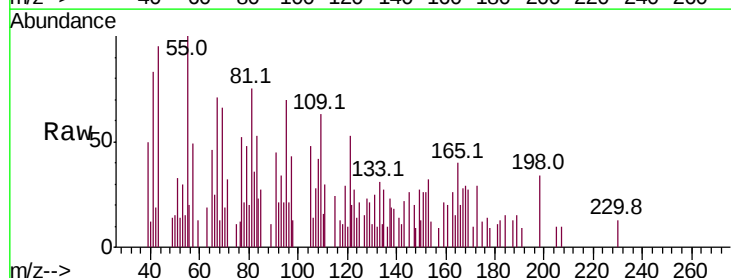
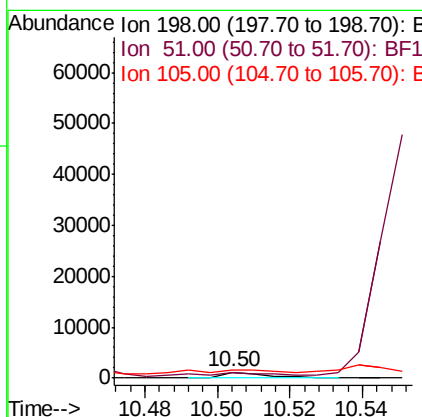
Manual Integrations
APPROVED

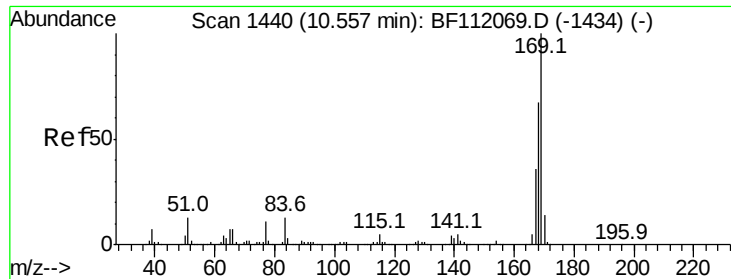
Sohil
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#65
4,6-Dinitro-2-methylphenol
Concen: 10.517 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	962		
51	97.1		17.2	57.2#
105	141.2		21.9	61.9#





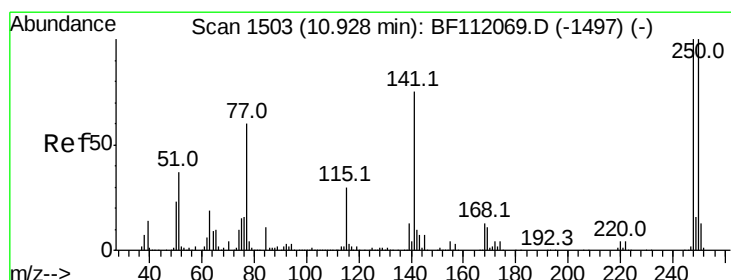
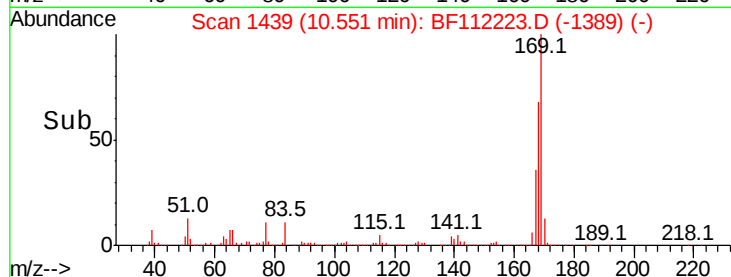
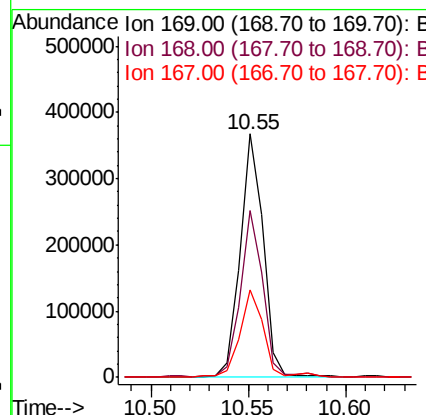
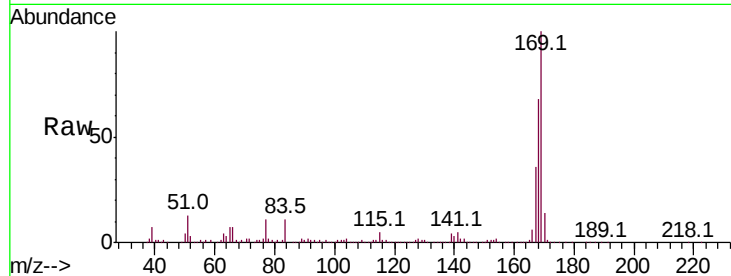
#66
n-Nitrosodiphenylamine
Concen: 22.190 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampled :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	298915		
168	68.3		53.9	80.9
167	35.8		28.9	43.3

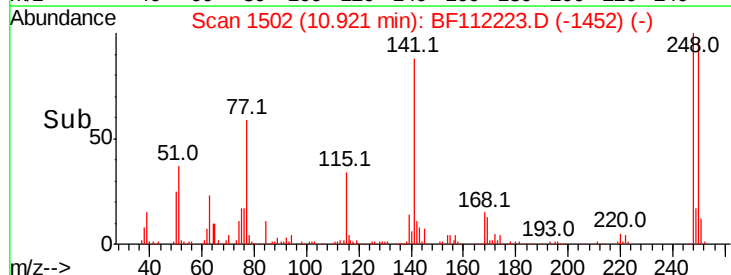
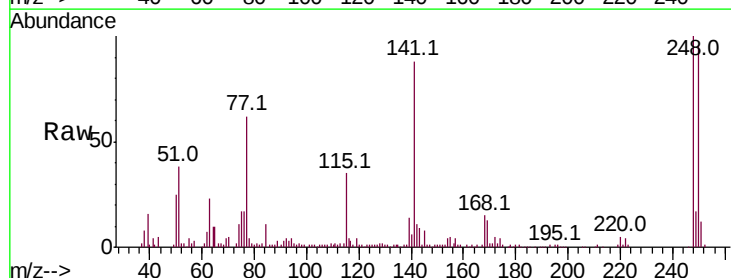
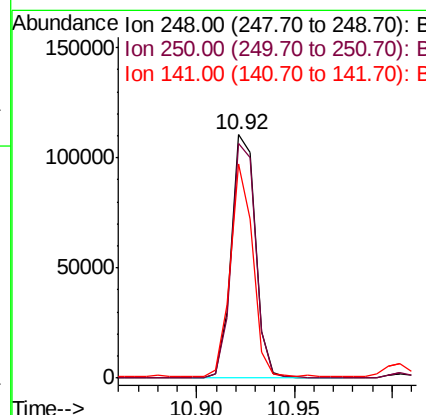
Manual Integrations
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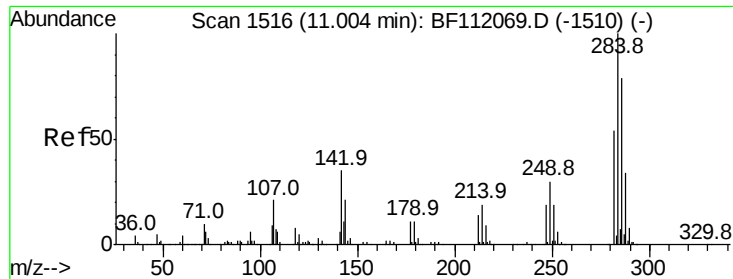
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#67
4-Bromophenyl-phenylether
Concen: 20.092 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	95093		
250	96.1		79.7	119.5
141	88.0		60.3	90.5





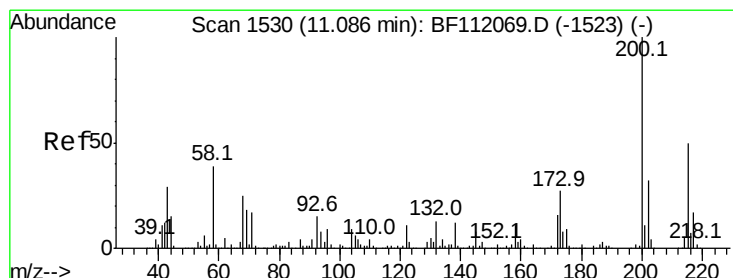
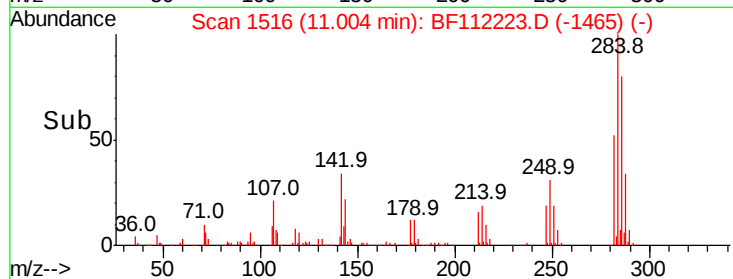
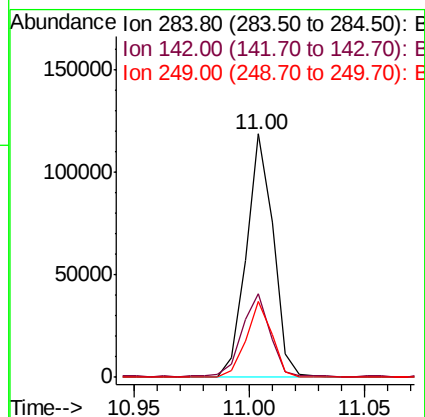
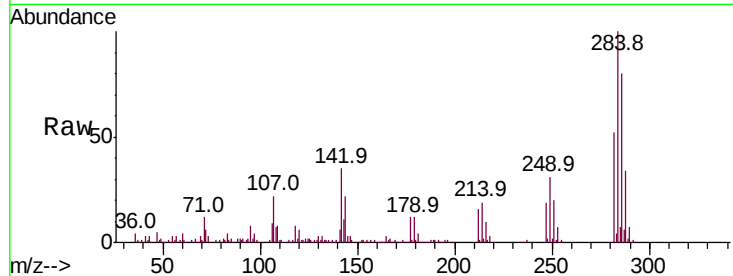
#68
Hexachlorobenzene
Concen: 19.055 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.6	27.6	41.4	
249	31.3	24.1	36.1	

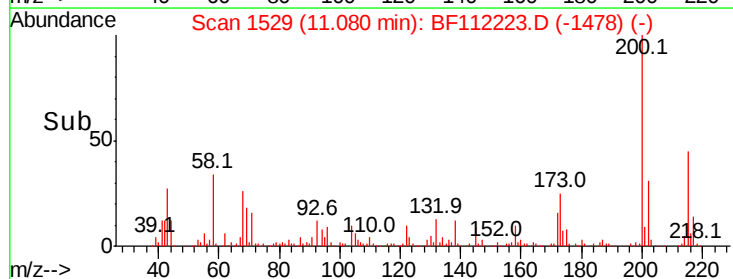
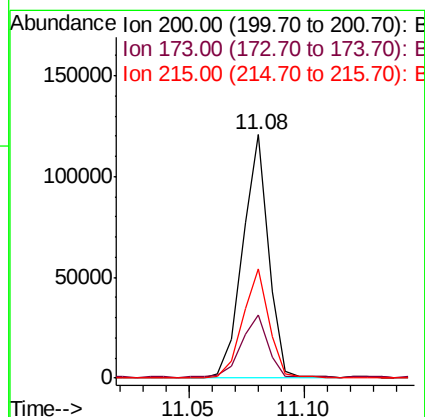
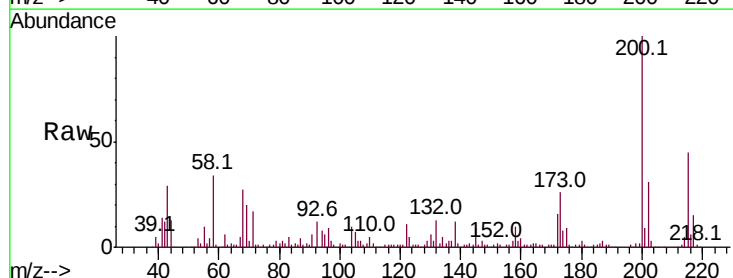
Manual Integrations
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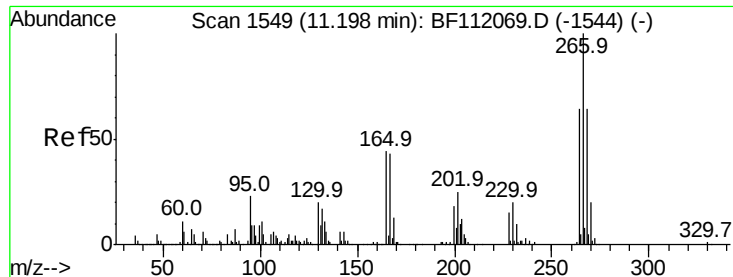
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#69
Atrazine
Concen: 21.754 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.7	7.1	47.1	
215	45.1	30.4	70.4	





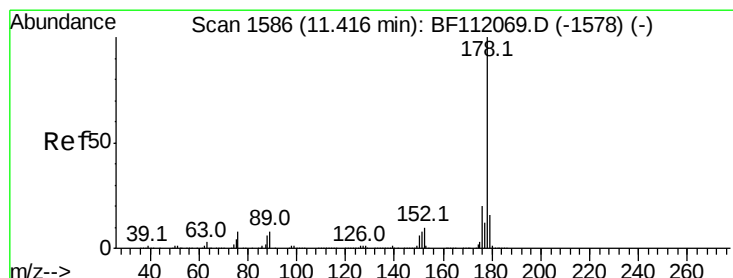
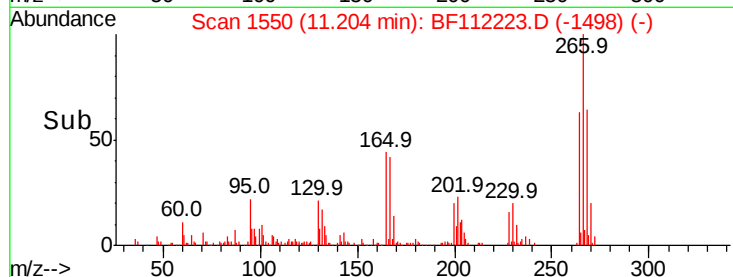
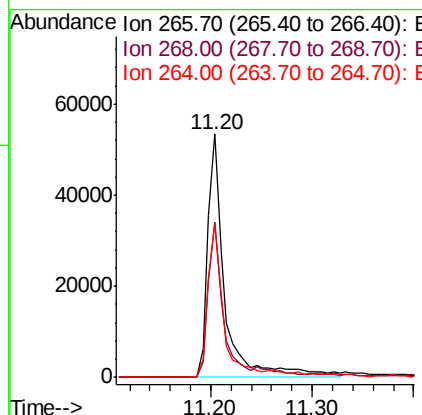
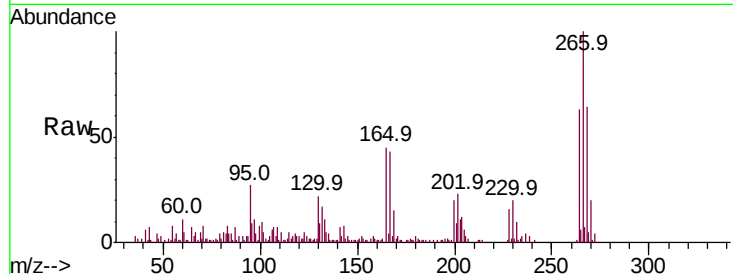
#70
 Pentachlorophenol
 Concen: 29.667 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampled :
 TS-VMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	62531		
268	63.7	51.2	76.8	
264	63.4	50.9	76.3	

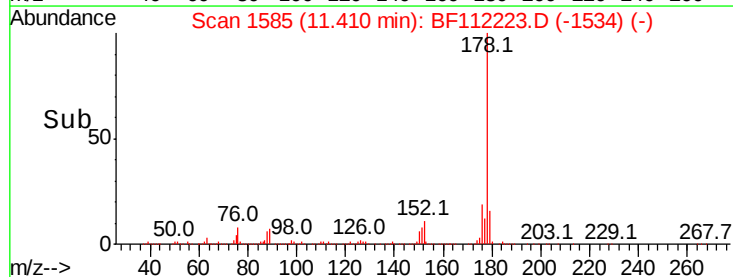
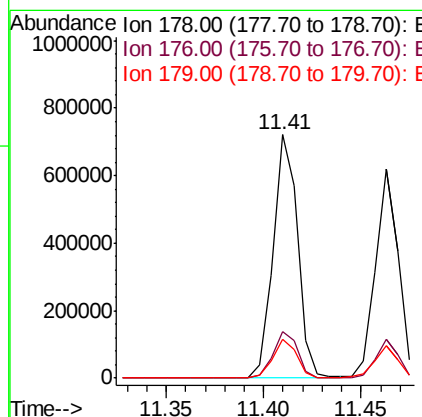
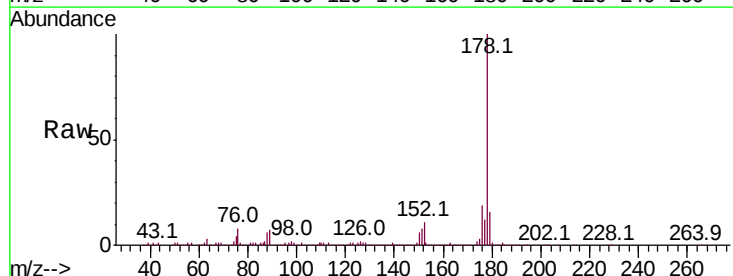
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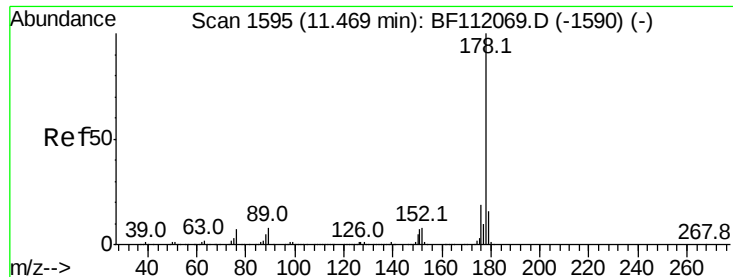
Sohil
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#71
 Phenanthrene
 Concen: 30.532 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	626095		
176	19.3	16.3	24.5	
179	16.1	13.0	19.4	





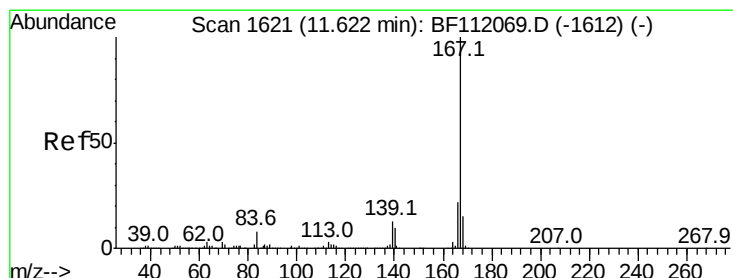
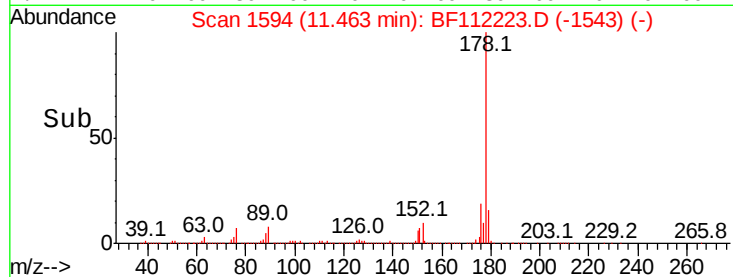
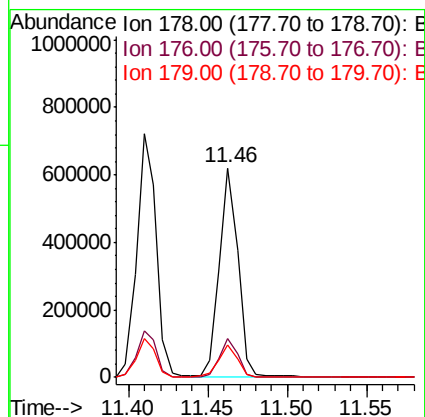
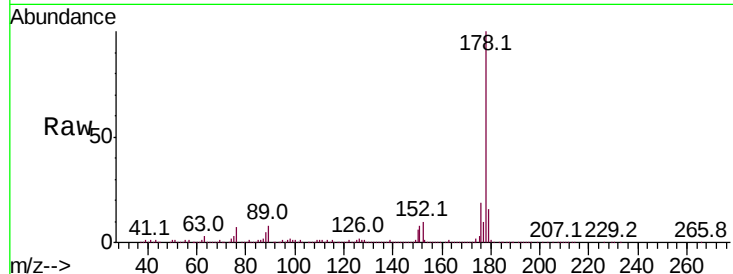
#72
 Anthracene
 Concen: 24.424 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.6	12.8	19.2

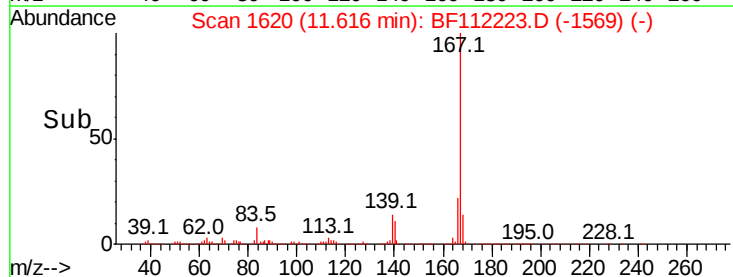
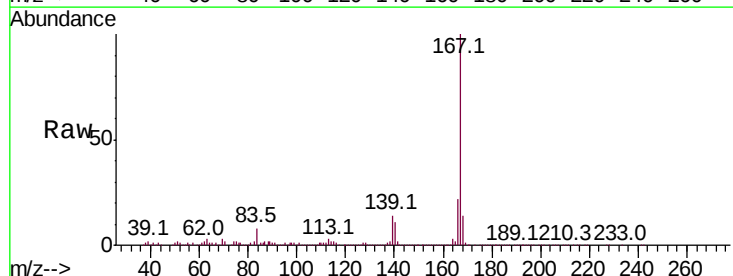
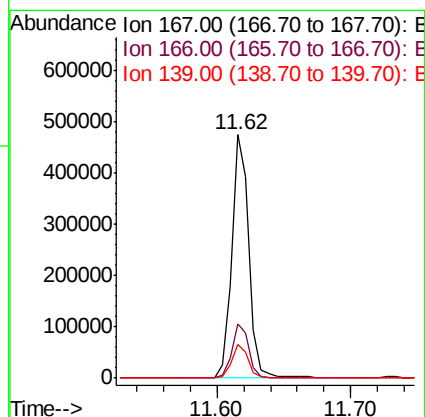
Manual Integrations
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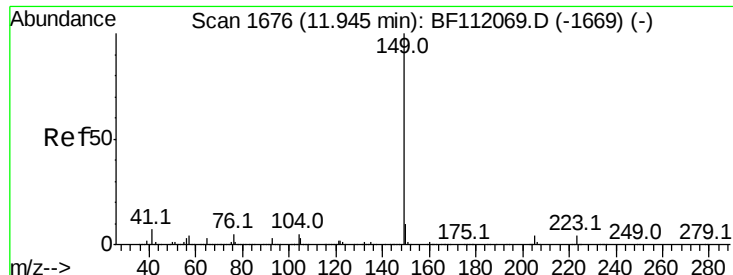
Sohil
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#73
 Carbazole
 Concen: 20.376 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	13.8	10.2	15.2





#74

Di-n-butylphthalate

Concen: 24.178 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

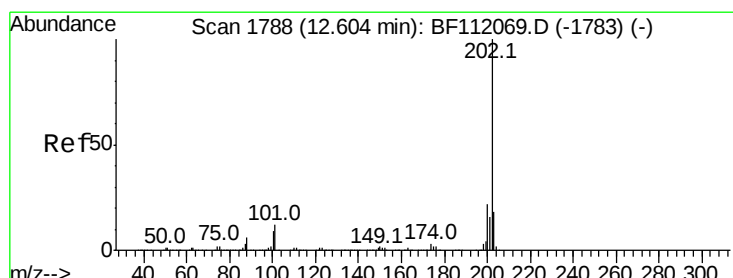
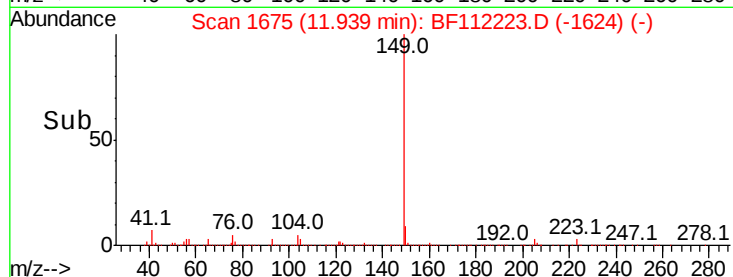
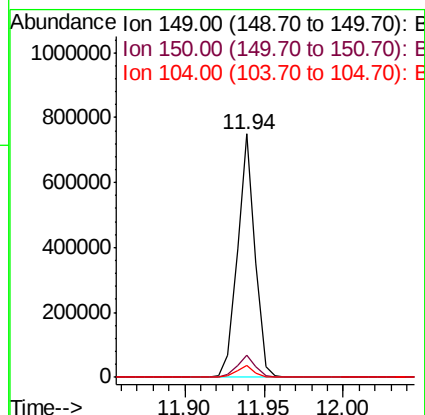
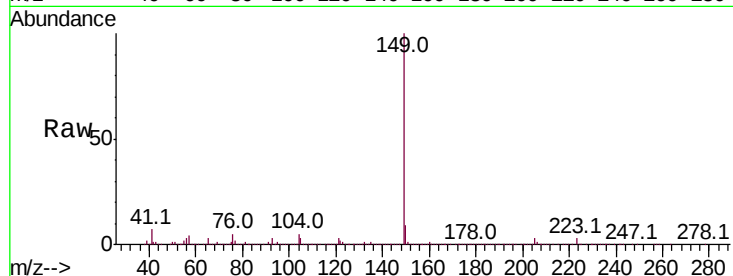
ClientSampleId :

TS-VMS

Tot Ion:	149	Resp:	565949
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.1	12.1
104	4.9	3.9	5.9

Manual Integrations
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#75

Fluoranthene

Concen: 32.685 ng

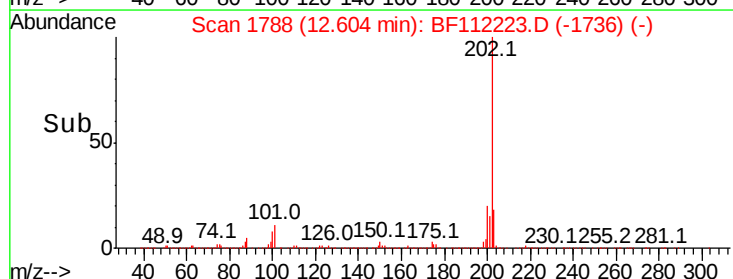
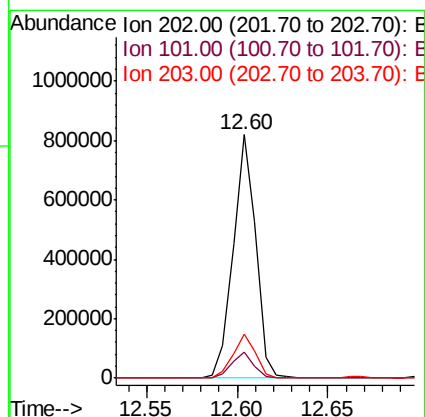
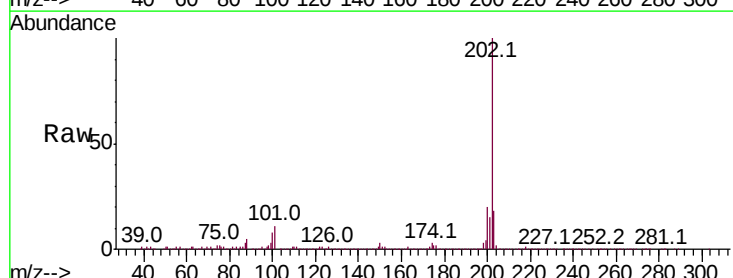
RT: 12.60 min Scan# 1788

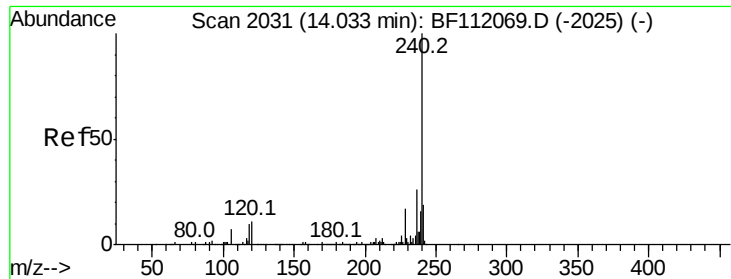
Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:	202	Resp:	707677
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.8
203	18.0	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

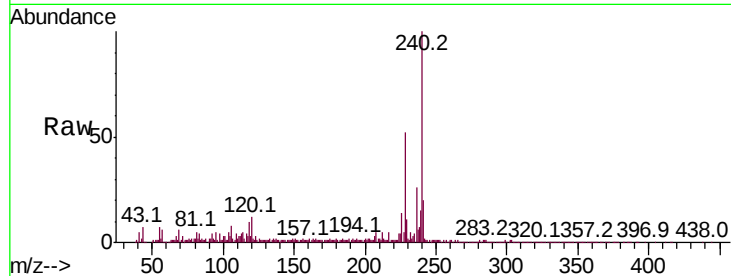
ClientSampleId :

TS-VMS

Tot Ion:	240	Resp:	261770
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.0	13.6
236	25.5	20.7	31.1

Manual Integrations
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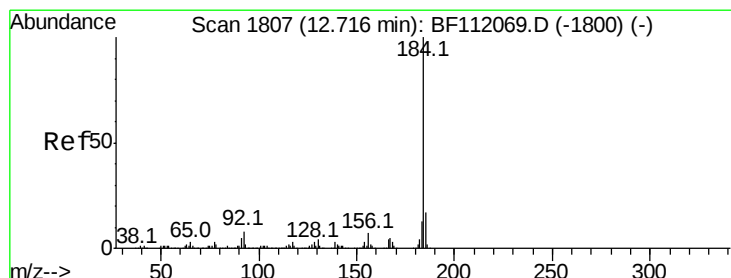
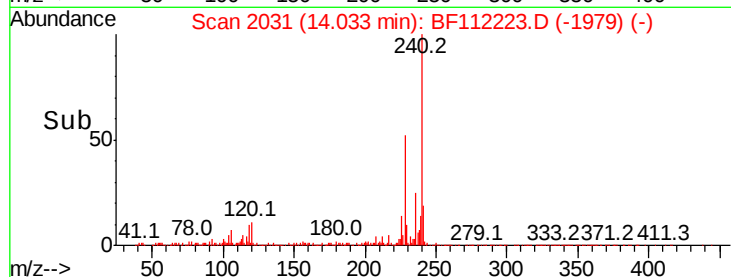
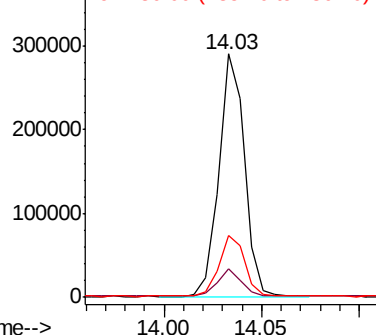


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 6.730 ng

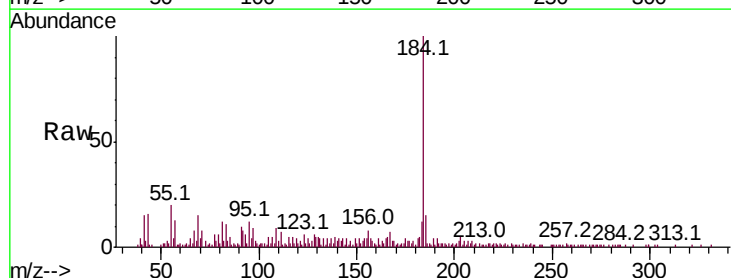
RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:	184	Resp:	58776
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.9	20.9
183	12.4	10.0	15.0

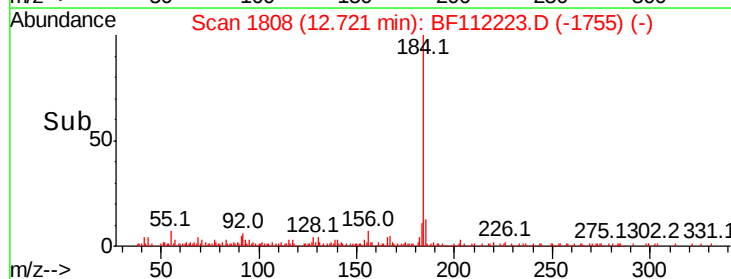
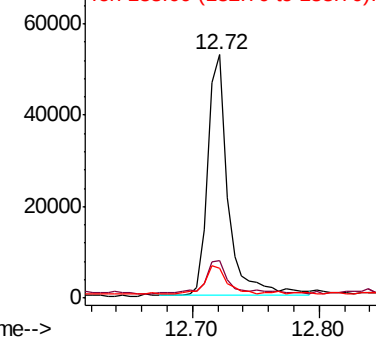


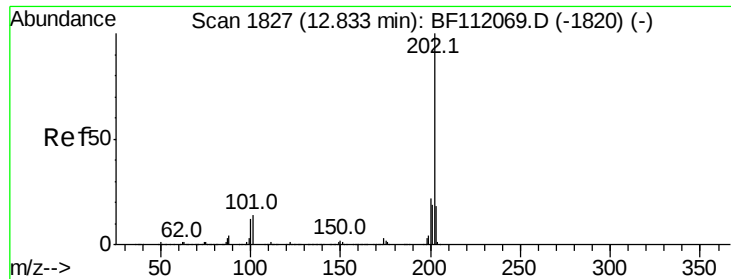
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





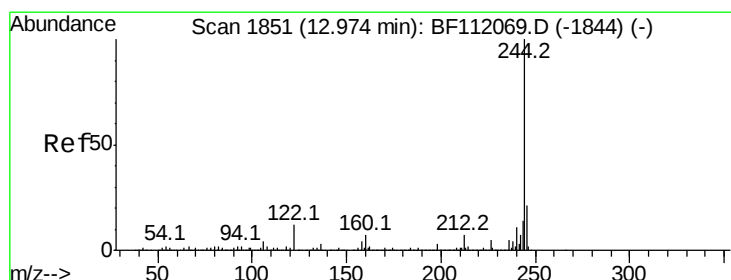
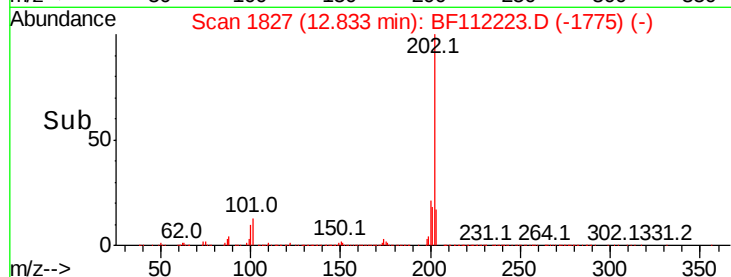
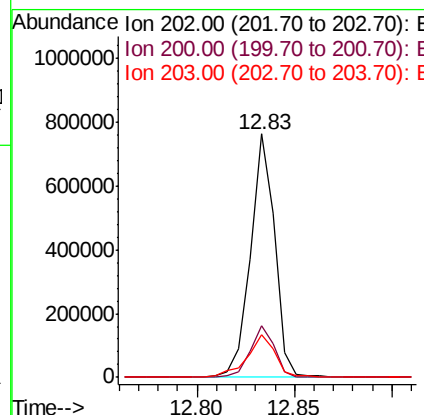
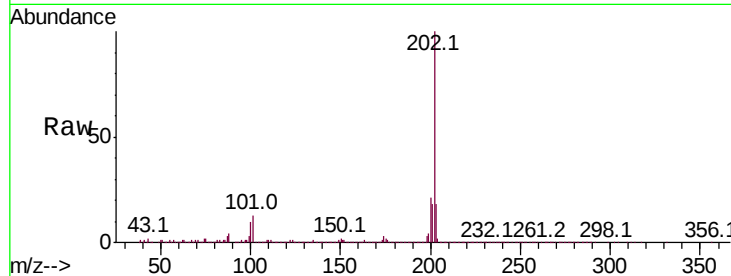
#78
Pvrene
Concen: 37.815 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.5	14.6	22.0

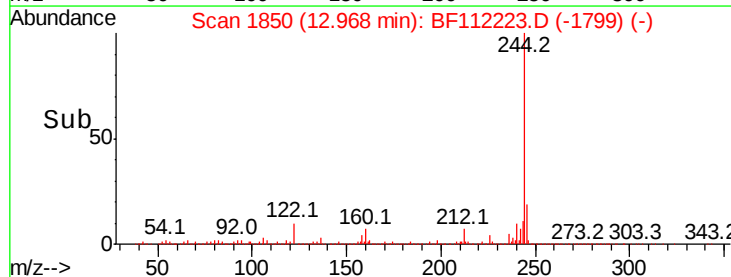
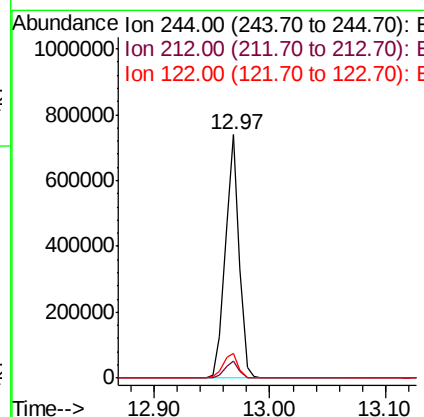
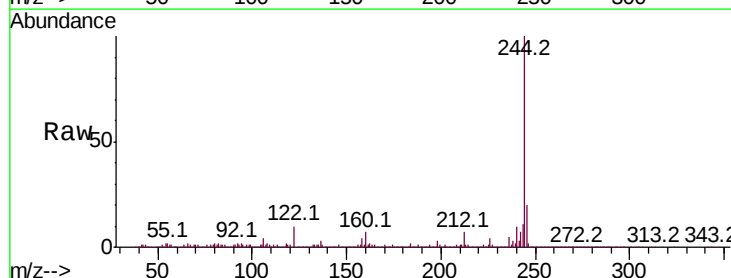
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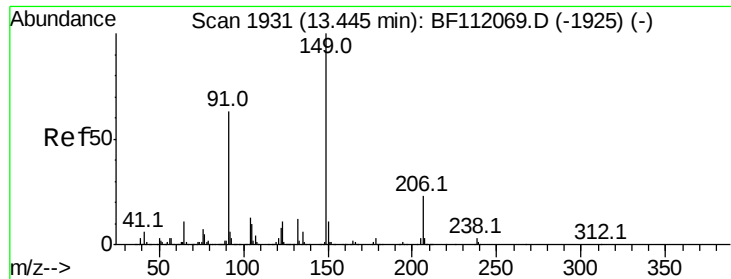
Sohil
1/25/2019 10:05:28 AM



#79
Terphenyl-d14
Concen: 49.766 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.4	9.8	14.6





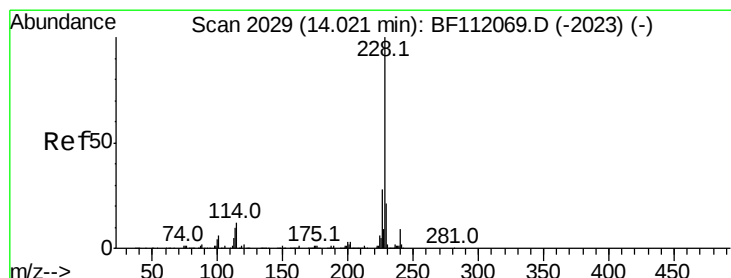
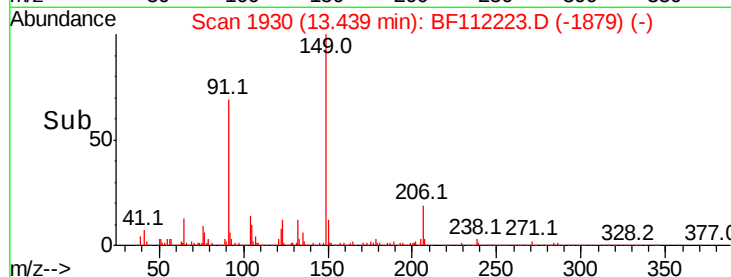
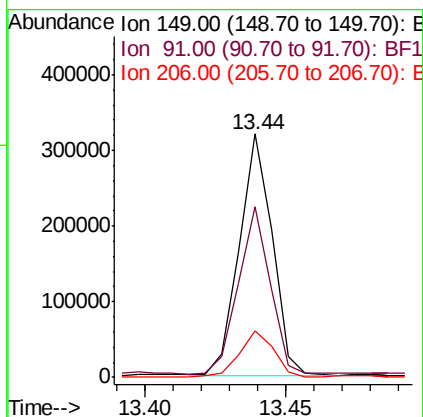
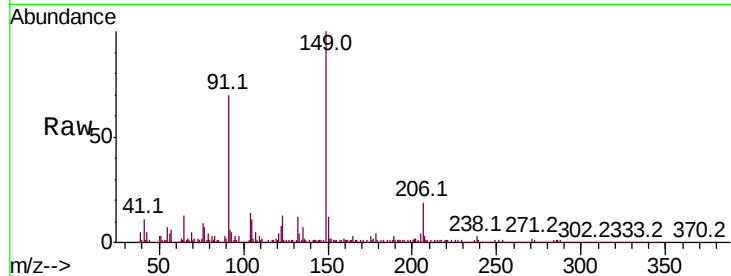
#80
Butylbenzylphthalate
Concen: 33.969 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	50.3	75.5
206	18.9	18.2	27.4

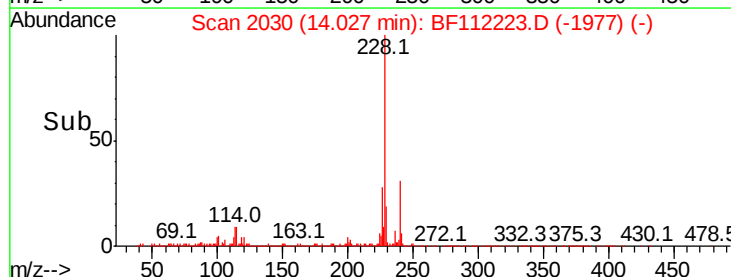
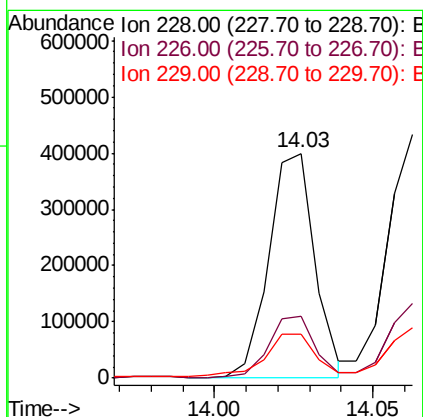
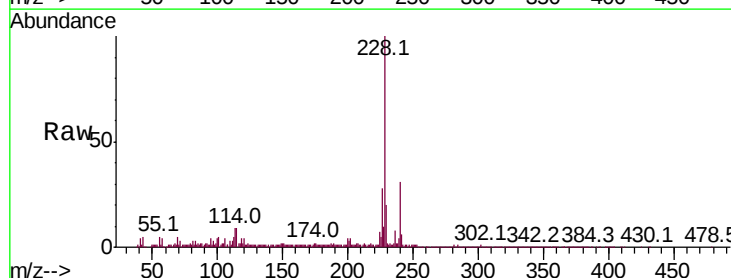
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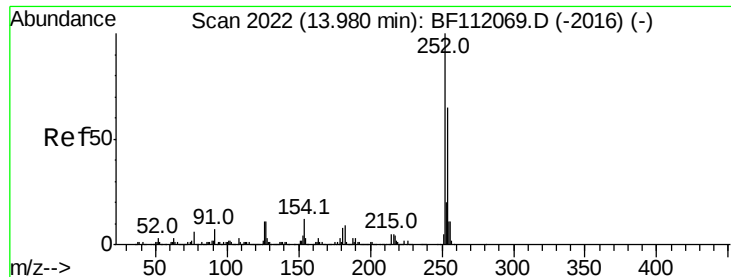
Sohil
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#81
Benzo(a)anthracene
Concen: 26.772 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	19.8	16.5	24.7





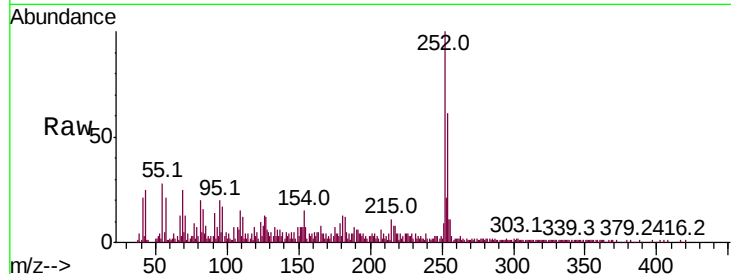
#82
 3,3'-Dichlorobenzidine
 Concen: 11.573 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.6	77.4
126	12.8	8.6	12.8

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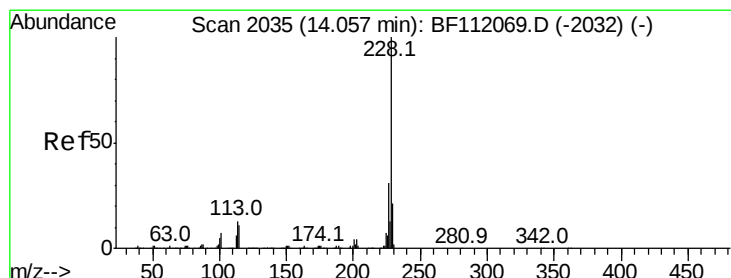
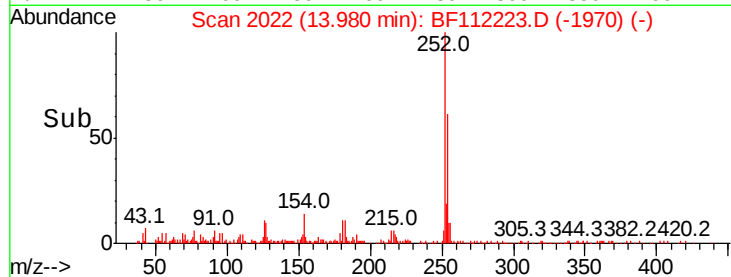
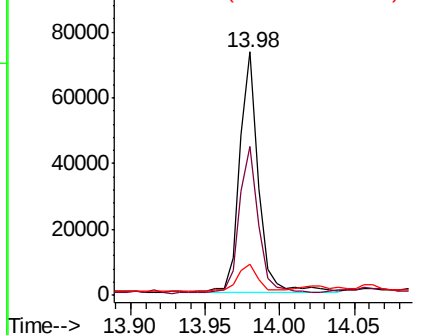


Abundance

Ion 252.00 (251.70 to 252.70): E

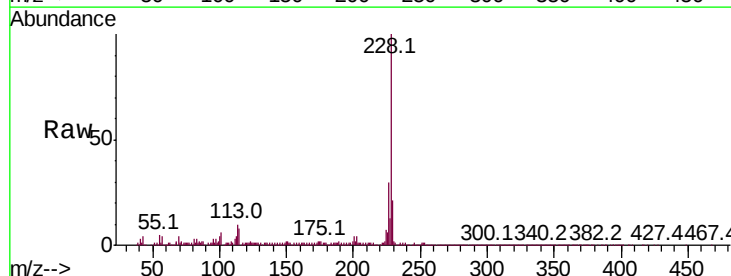
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 26.458 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.6	16.6	24.8

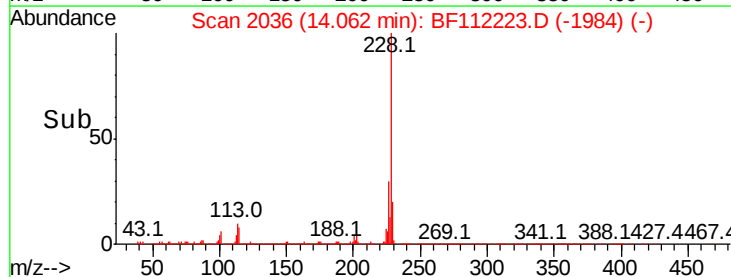
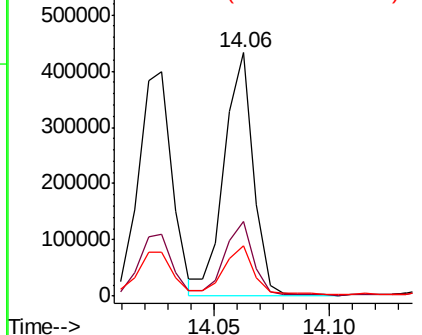


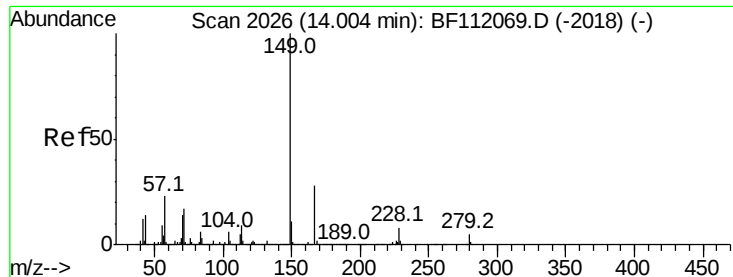
Abundance

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: 33.882 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampled :

TS-VMS

Tot Ion:149 Resp: 367913

Ion Ratio Lower Upper

149 100

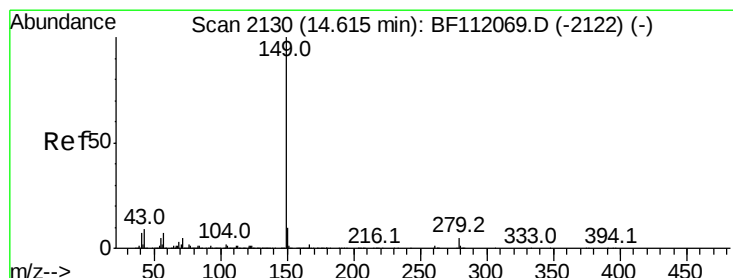
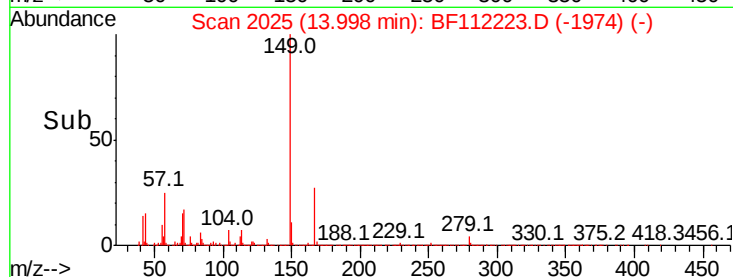
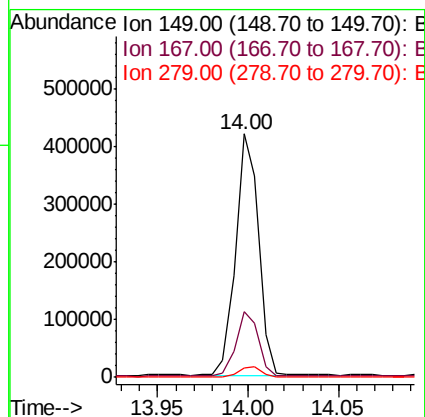
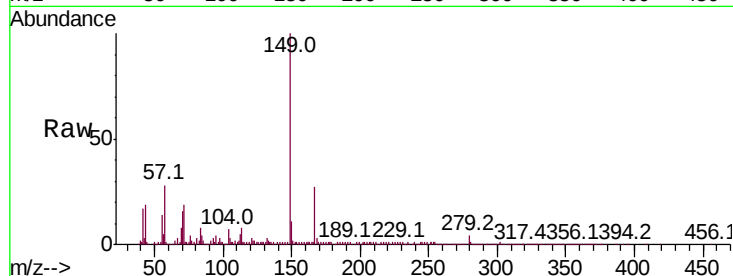
167 27.2 22.5 33.7

279 3.9 3.8 5.6

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#85

Di-n-octyl phthalate

Concen: 28.703 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

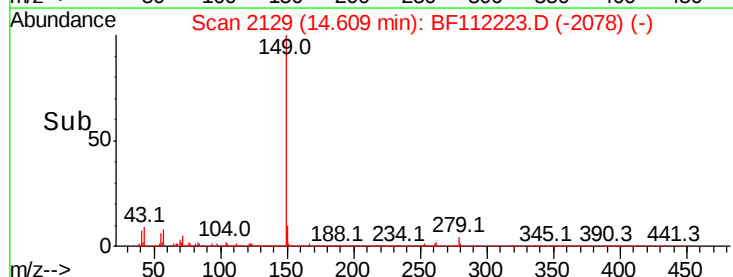
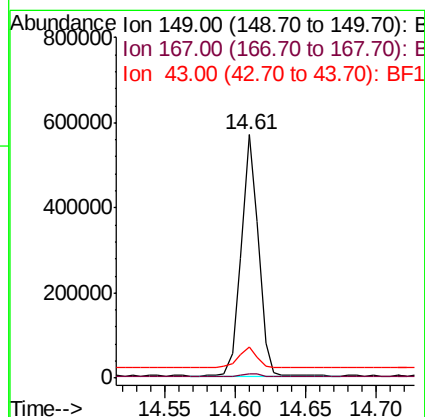
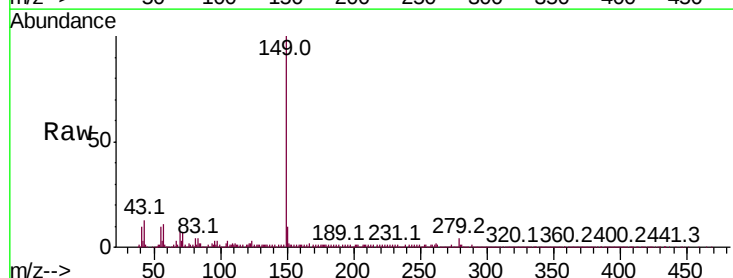
Tgt Ion:149 Resp: 480224

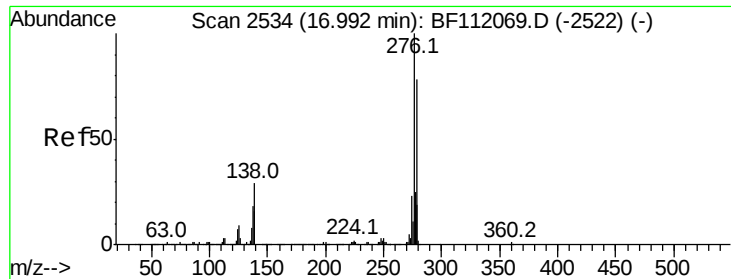
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.9 7.8 11.6





#86

Indeno(1,2,3-cd)pyrene

Concen: 19.597 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.04 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

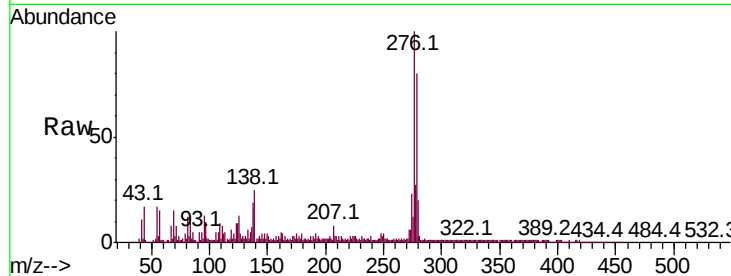
ClientSampleId :

TS-VMS

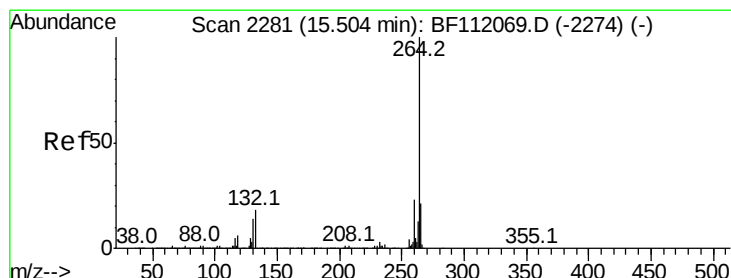
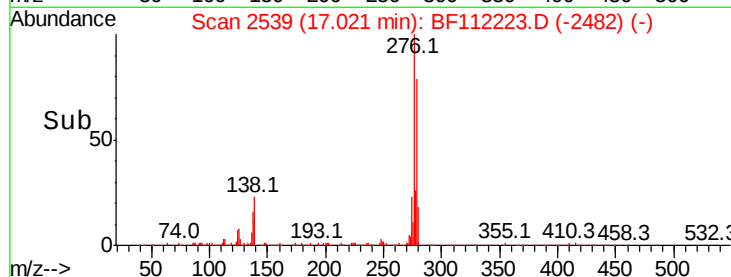
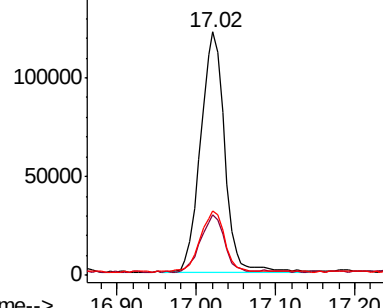
Tot Ion:	276	Resp:	256764
Ion Ratio	Lower	Upper	
276	100		
138	23.4	22.6	34.0
277	25.2	20.3	30.5

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



#87

Perylene-d12

Concen: 20.000 ng

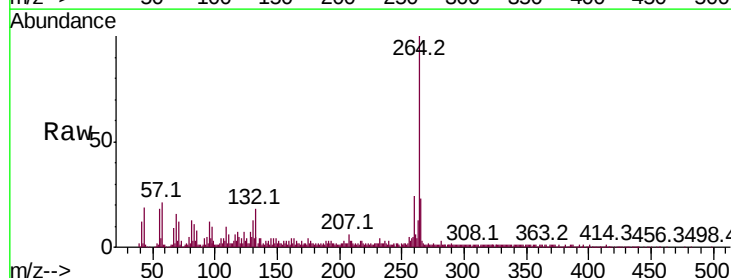
RT: 15.52 min Scan# 2283

Delta R.T. 0.02 min

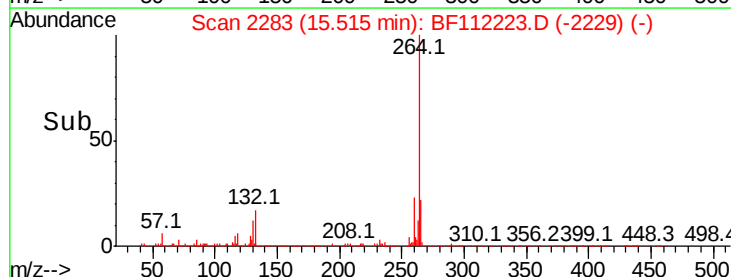
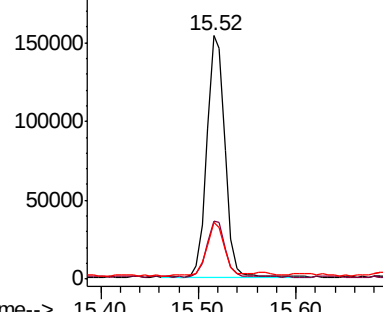
Lab File: BF112223.D

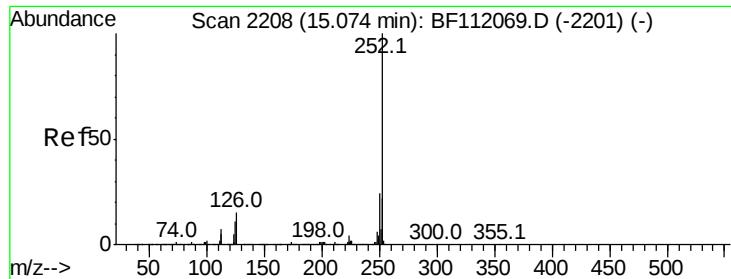
Acq: 24 Jan 2019 21:51

Tgt Ion:	264	Resp:	196718
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.2
265	23.3	17.0	25.4



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





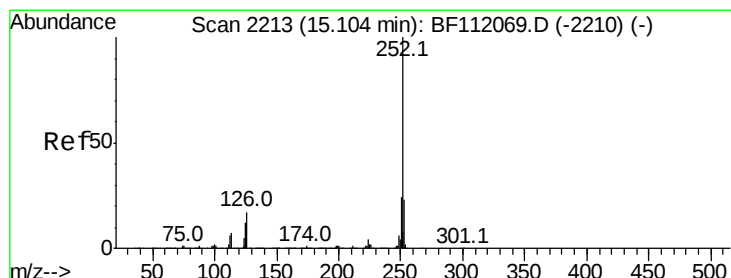
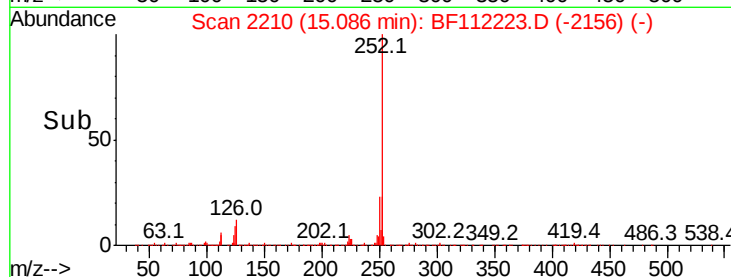
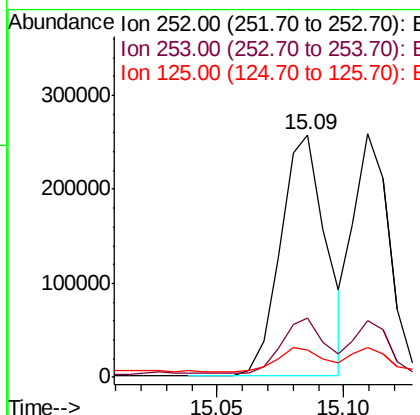
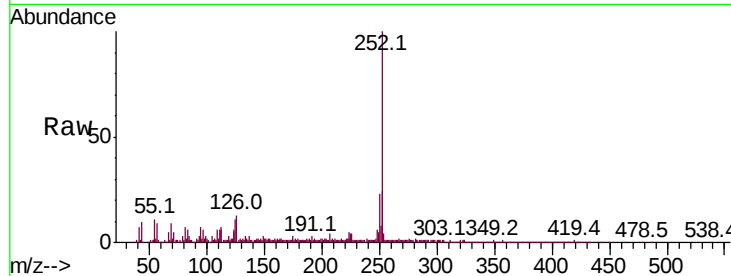
#88
Benzo(b)fluoranthene
Concen: 28.724 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	11.2	8.7	13.1

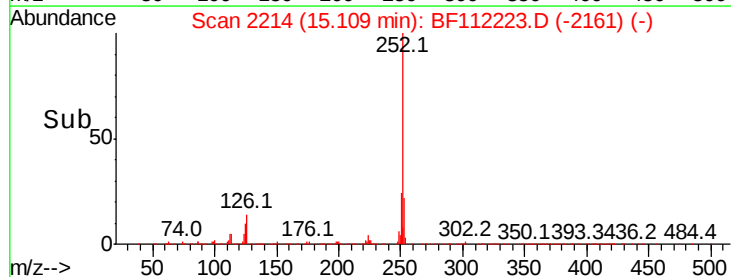
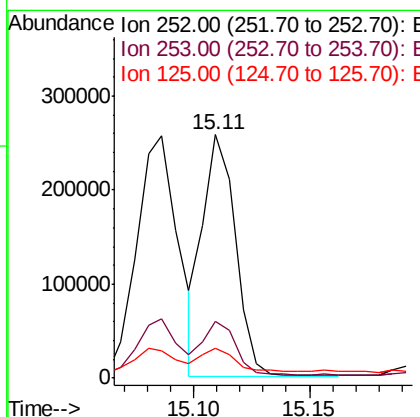
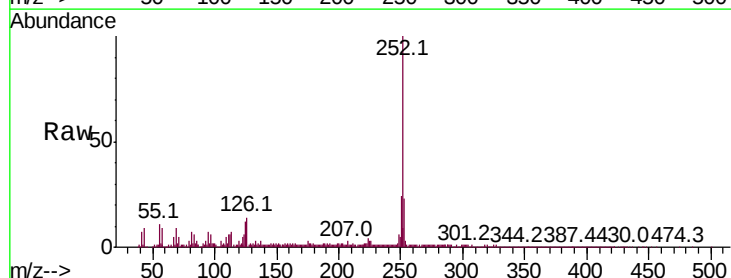
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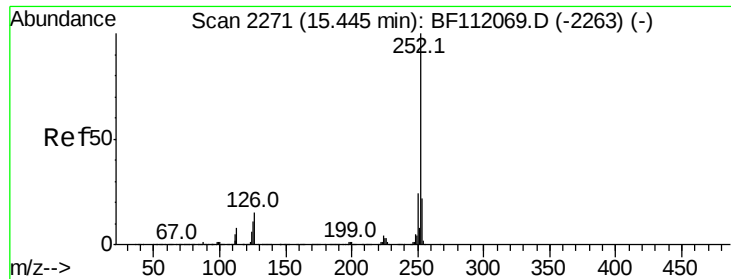
Sohil
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#89
Benzo(k)fluoranthene
Concen: 23.597 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.4	9.1	13.7





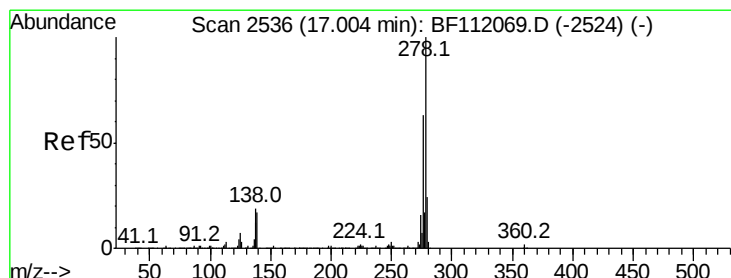
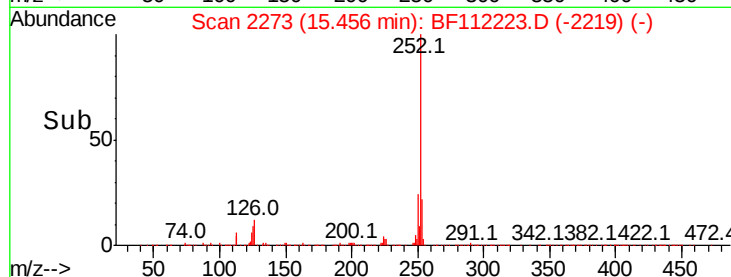
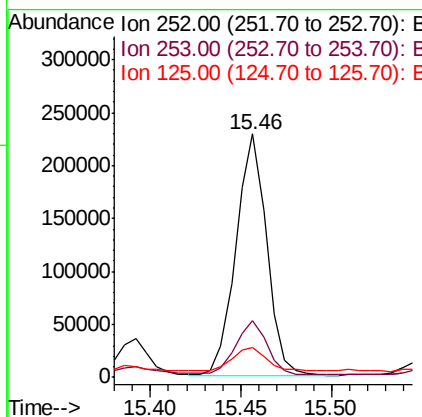
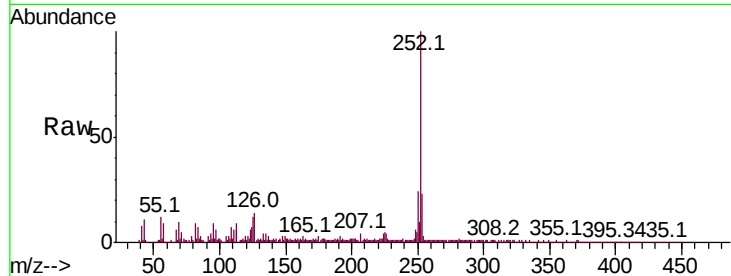
#90
Benzo(a)pyrene
Concen: 26.273 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.3	9.0	13.4

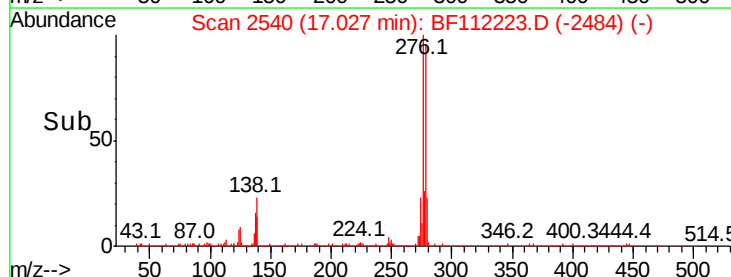
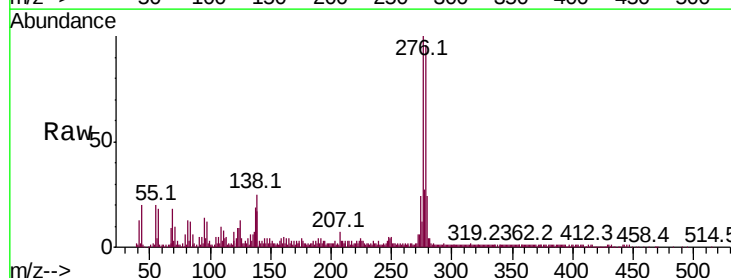
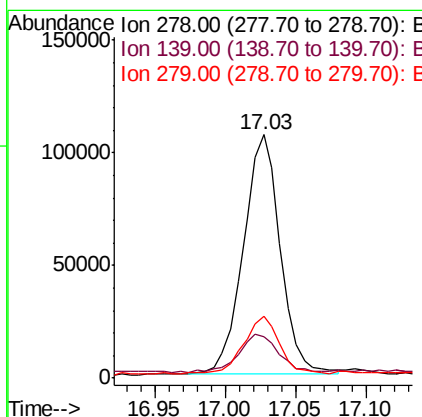
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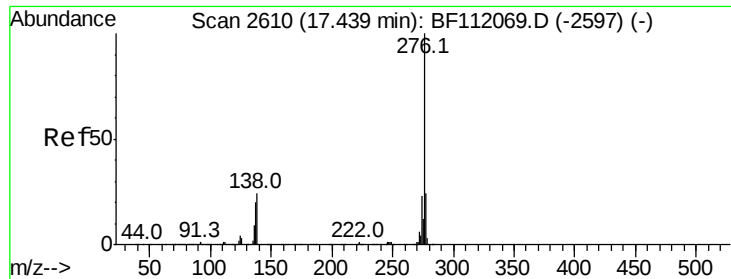
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 21.368 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.03 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.2	13.7	20.5
279	25.6	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 22.624 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. 0.05 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	20.8	19.1	28.7

Manual Integrations
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