

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112224.D
 Acq On : 24 Jan 2019 22:19
 Operator : JU/SJ
 Sample : K1223-10MSD 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMDS

Manual Integrations
 APPROVED

Quant Time: Jan 25 01:04:22 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) 1/25/2019 10:05:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	169502	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	677208	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	297554	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	494261	20.00	ng	0.00
76) Chrysene-d12	14.03	240	294228	20.00	ng	0.00
87) Perylene-d12	15.52	264	253064	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	645488	69.12	ng	0.00
7) Phenol-d6	6.51	99	720974	61.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	415643	42.40	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	182158	56.75	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	845289	41.65	ng	0.00
79) Terphenyl-d14	12.97	244	638437	46.16	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	48006	10.961	ng	95
3) Pyridine	3.39	79	143519	13.083	ng	98
4) n-Nitrosodimethylamine	3.31	42	73806	16.571	ng	# 92
6) Aniline	6.52	93	123836	8.714	ng	# 1
8) 2-Chlorophenol	6.65	128	201636	18.591	ng	98
9) Benzaldehyde	6.40	77	39794	4.019	ng	95
10) Phenol	6.52	94	264618	20.722	ng	85
11) bis(2-Chloroethyl)ether	6.59	93	172771	17.016	ng	98
12) 1,3-Dichlorobenzene	6.80	146	211497	17.087	ng	97
13) 1,4-Dichlorobenzene	6.87	146	213389	16.854	ng	97
14) 1,2-Dichlorobenzene	7.03	146	198474	17.018	ng	97
15) Benzyl Alcohol	7.00	79	149763	17.204	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	204096	13.939	ng	75
17) 2-Methylphenol	7.12	107	146033	17.929	ng	94
18) Hexachloroethane	7.37	117	40272	9.530	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	131820	18.519	ng	96
20) 3+4-Methylphenols	7.28	107	195728	19.819	ng	# 60
22) Acetophenone	7.26	105	272768	17.386	ng	# 92
24) Nitrobenzene	7.44	77	191404	18.425	ng	96
25) Isophorone	7.67	82	360445	19.038	ng	100
26) 2-Nitrophenol	7.76	139	75513	18.158	ng	95
27) 2,4-Dimethylphenol	7.80	122	180861	20.580	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	236122	18.181	ng	99
29) 2,4-Dichlorophenol	8.01	162	167539	17.451	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	182978	16.423	ng	99
31) Naphthalene	8.16	128	576810	18.727	ng	98
32) Benzoic acid	7.94	122	4270m	8.329	ng	
33) 4-Chloroaniline	8.21	127	114409	8.265	ng	99
34) Hexachlorobutadiene	8.28	225	100830	16.262	ng	99
35) Caprolactam	8.56	113	50800	15.119	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	169110	18.035	ng	98
37) 2-Methylnaphthalene	8.86	142	417978	19.984	ng	99
38) 1-Methylnaphthalene	8.96	142	379081	18.859	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	172910	18.097	ng	99

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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

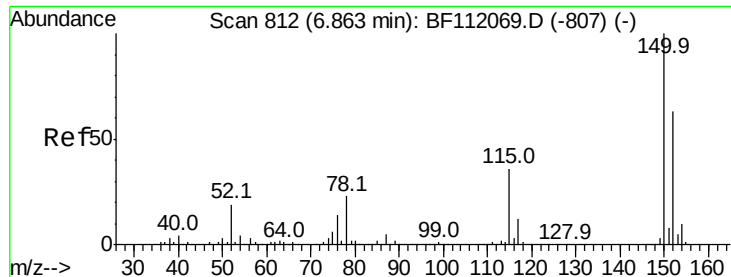
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMSD

Manual Integrations
 APPROVED

Quant Time: Jan 25 01:04:22 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)	1/25/2019 10:05:30 AM
43) 2,4,6-Trichlorophenol	9.14	196	111381	19.486	nq		97
44) 2,4,5-Trichlorophenol	9.19	196	114586	18.822	nq		98
46) 1,1'-Biphenyl	9.32	154	458836	18.442	nq		99
47) 2-Chloronaphthalene	9.35	162	336118	17.258	nq		97
48) 2-Nitroaniline	9.44	65	102182	23.293	nq		97
49) Acenaphthylene	9.76	152	523343	18.414	nq		98
50) Dimethylphthalate	9.61	163	535707	24.687	nq		99
51) 2,6-Dinitrotoluene	9.67	165	70993	16.382	nq	#	86
52) Acenaphthene	9.93	154	306438	17.623	nq		99
53) 3-Nitroaniline	9.85	138	96319	19.876	nq		98
55) Dibenzofuran	10.10	168	451190	17.158	nq		96
56) 4-Nitrophenol	10.04	139	93533	30.751	nq		96
57) 2,4-Dinitrotoluene	10.09	165	73073	16.464	nq		90
58) Fluorene	10.45	166	349421	17.784	nq		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	77900	16.957	nq	#	94
60) Diethylphthalate	10.31	149	408868	19.302	nq		99
61) 4-Chlorophenyl-phenylether	10.43	204	172184	16.241	nq		95
62) 4-Nitroaniline	10.46	138	104774	21.773	nq		98
63) Azobenzene	10.60	77	287470	14.172	nq		94
65) 4,6-Dinitro-2-methylphenol	10.51	198	198	10.146	nq	#	1
66) n-Nitrosodiphenylamine	10.55	169	305537	18.699	nq		99
67) 4-Bromophenyl-phenylether	10.92	248	98666	17.186	nq		92
68) Hexachlorobenzene	11.00	284	99791	16.136	nq		98
69) Atrazine	11.08	200	94406	17.905	nq		98
70) Pentachlorophenol	11.20	266	63262	25.757	nq		98
71) Phenanthrene	11.41	178	653673	26.279	nq		98
72) Anthracene	11.46	178	514537	20.420	nq		98
73) Carbazole	11.62	167	448104	17.753	nq		99
74) Di-n-butylphthalate	11.94	149	560573	19.743	nq		98
75) Fluoranthene	12.60	202	796088	30.312	nq		98
77) Benzidine	12.72	184	54111	5.512	nq		97
78) Pyrene	12.83	202	682427	35.155	nq		98
80) Butylbenzylphthalate	13.44	149	506873	59.520	nq		91
81) Benzo(a)anthracene	14.03	228	393325	23.315	nq		99
82) 3,3'-Dichlorobenzidine	13.98	252	61497	9.734	nq	#	98
83) Chrysene	14.06	228	376175	23.565	nq		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	513366	42.062	nq		97
85) Di-n-octyl phthalate	14.61	149	460862	24.507	nq		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	283810	19.271	nq		94
88) Benzo(b)fluoranthene	15.09	252	363494	25.304	nq		98
89) Benzo(k)fluoranthene	15.11	252	281567	20.252	nq		97
90) Benzo(a)pyrene	15.46	252	296742	22.525	nq	#	96
91) Dibenzo(a,h)anthracene	17.03	278	210655	18.004	nq		99
92) Benzo(g,h,i)perylene	17.47	276	225159	19.533	nq		99

(#) = 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: BF112224.D
Acq: 24 Jan 2019 22:19

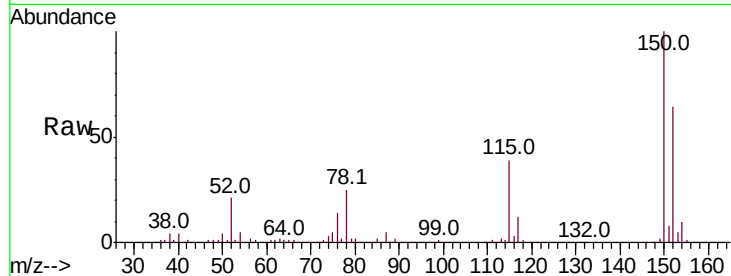
Instrument :
BNA_F
ClientSampleId :
TS-VMDS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	61.5	45.5	68.3

Manual Integrations
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1/25/2019 10:05:30 AM

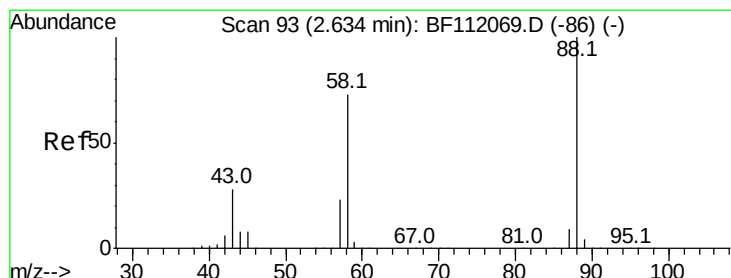
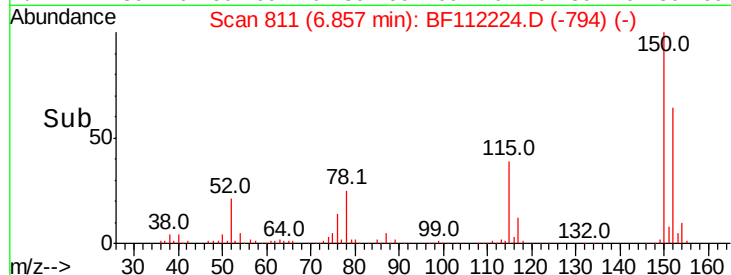
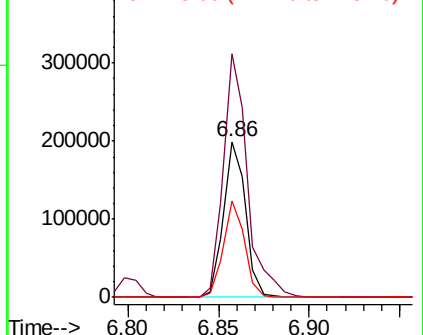


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

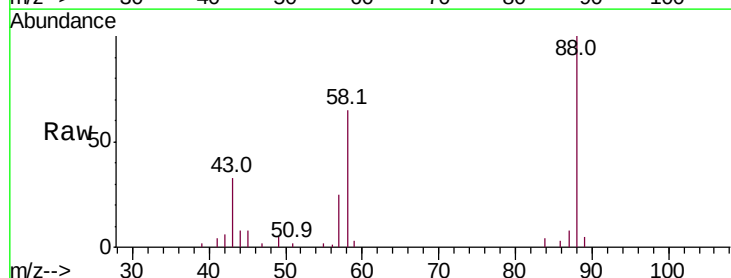
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 10.961 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.03 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	57.4	86.2
43	31.1	22.2	33.4

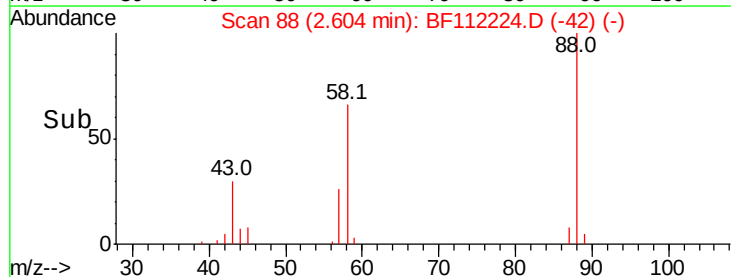
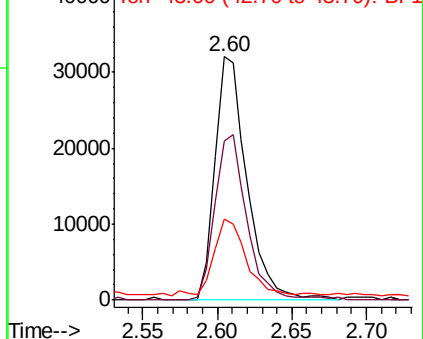


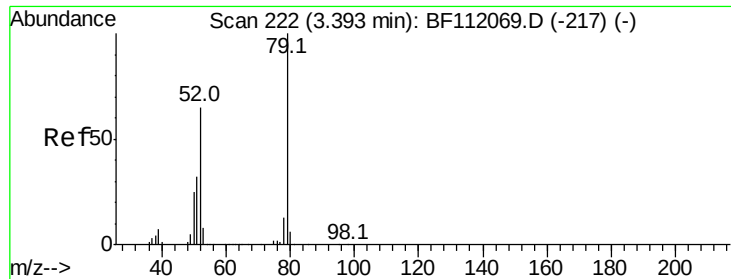
Abundance

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: 13.083 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

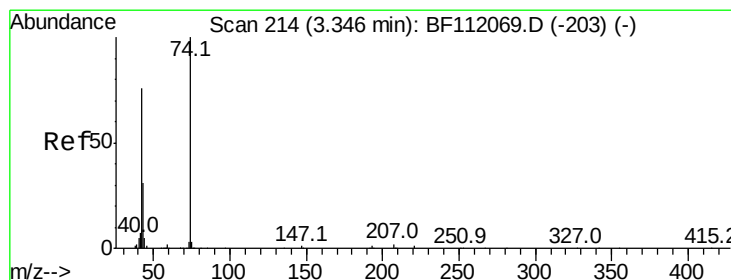
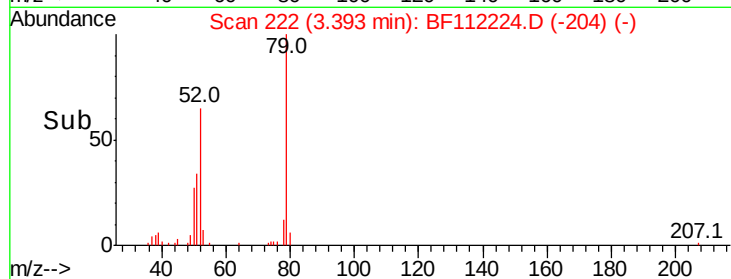
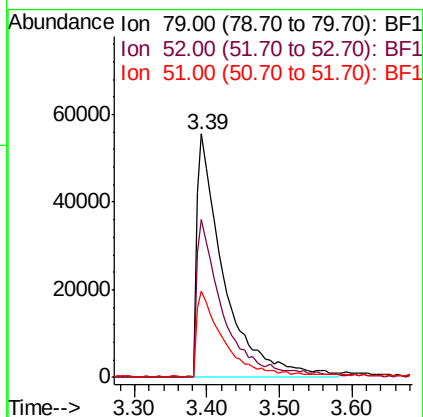
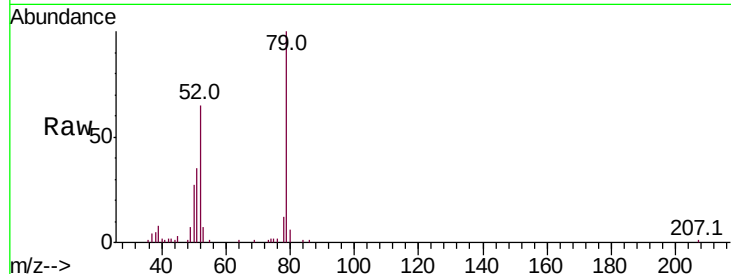
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMDS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	52.4	78.6
51	35.1	26.1	39.1

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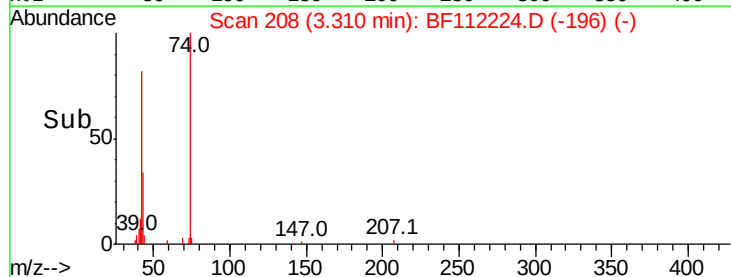
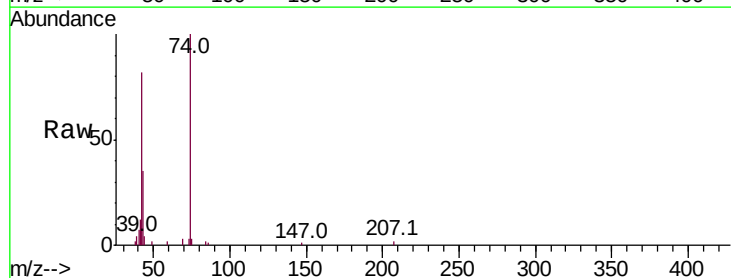
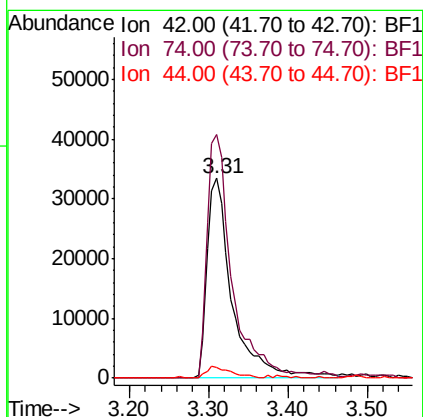
Sonali

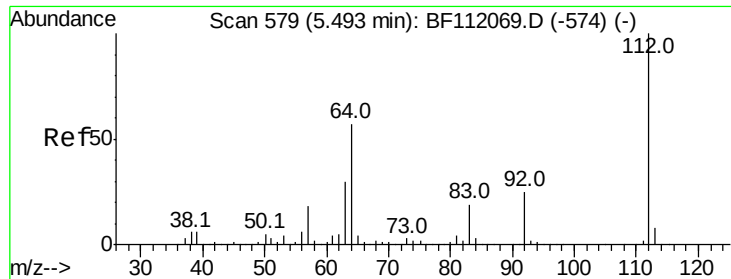
1/25/2019 10:05:30 AM



#4
 n-Nitrosodimethylamine
 Concen: 16.571 ng
 RT: 3.31 min Scan# 208
 Delta R.T. -0.03 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.8	105.6	158.4
44	5.4	5.4	8.2#





#5
2-Fluorophenol
Concen: 69.119 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

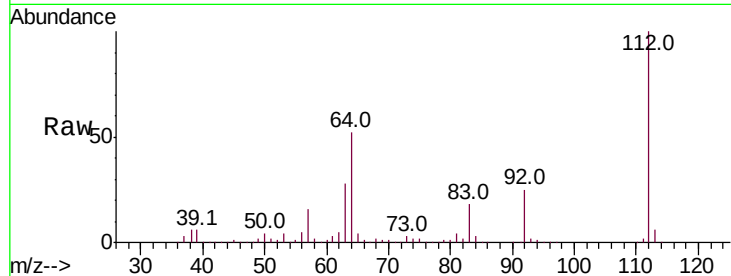
Instrument :
BNA_F
ClientSampleId :
TS-VMSD

Tot Ion:	112	Resp:	645488
Ion Ratio	Lower	Upper	
112	100		
64	52.4	45.7	68.5
63	27.9	23.6	35.4

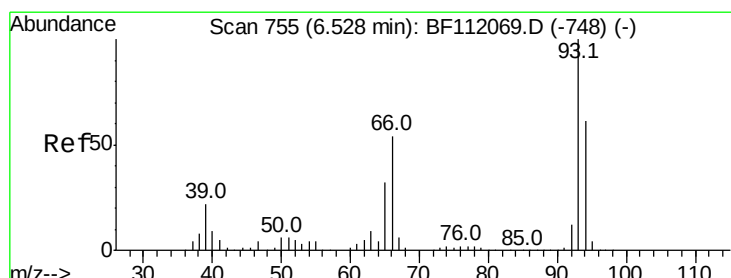
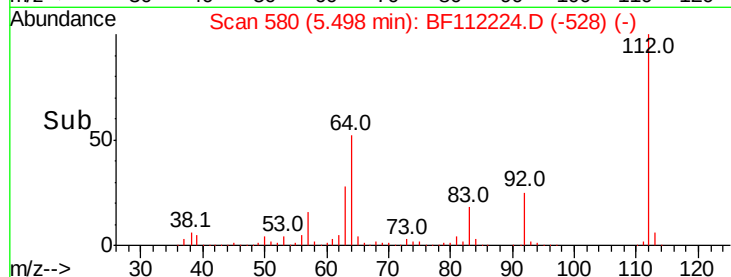
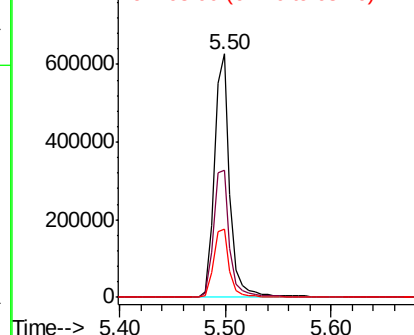
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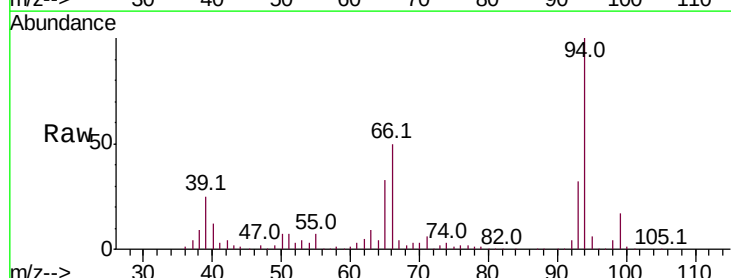


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

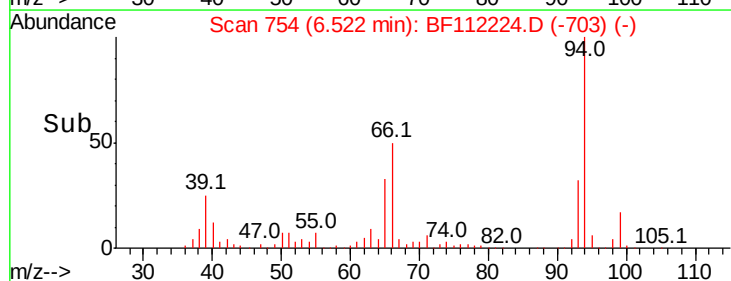
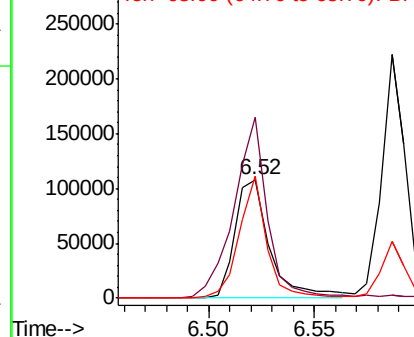


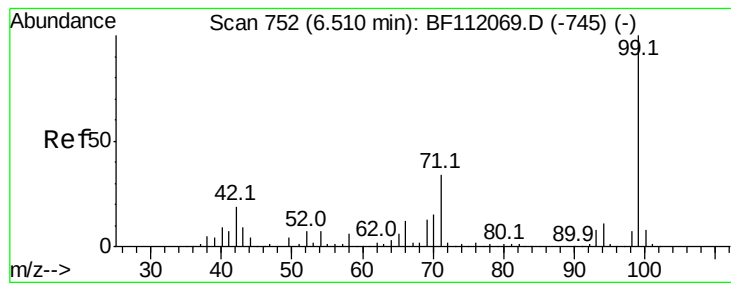
#6
Aniline
Concen: 8.714 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion:	93	Resp:	123836
Ion Ratio	Lower	Upper	
93	100		
66	153.5	43.4	65.2#
65	103.1	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: 61.705 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampled :

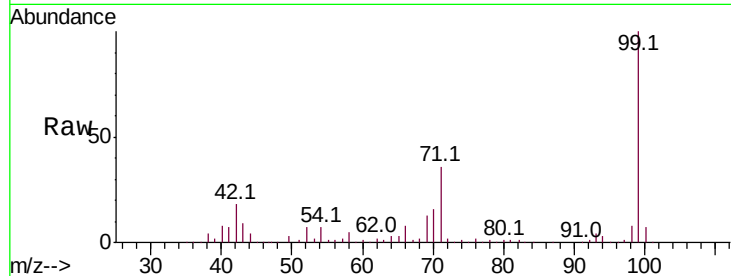
TS-VM5D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		720974		
42	18.2	15.1	22.7		
71	35.7	26.9	40.3		

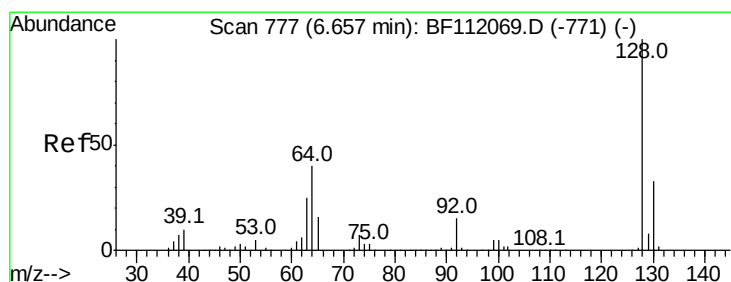
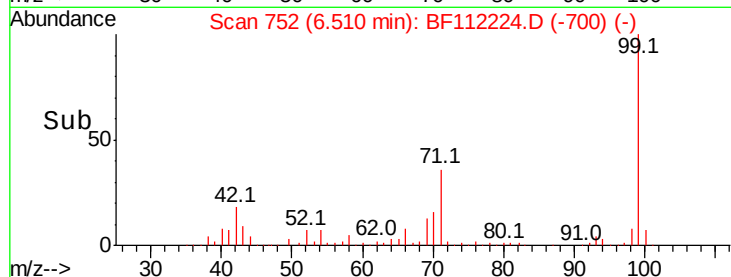
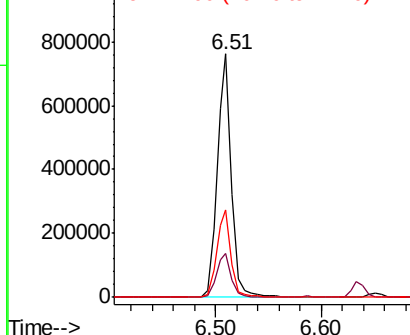
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 18.591 ng

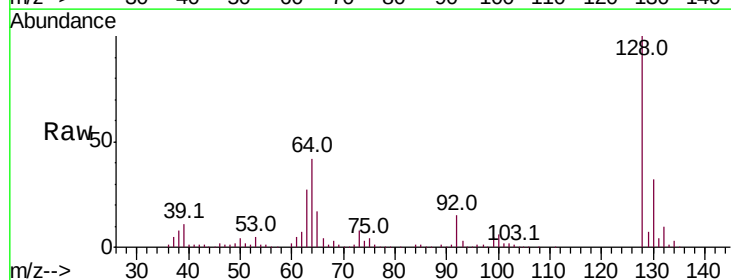
RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

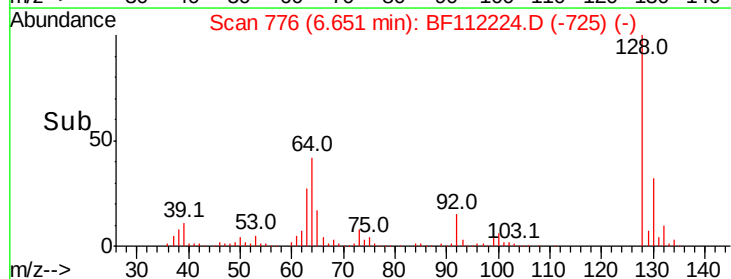
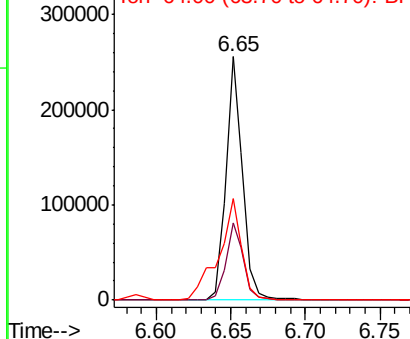
Lab File: BF112224.D

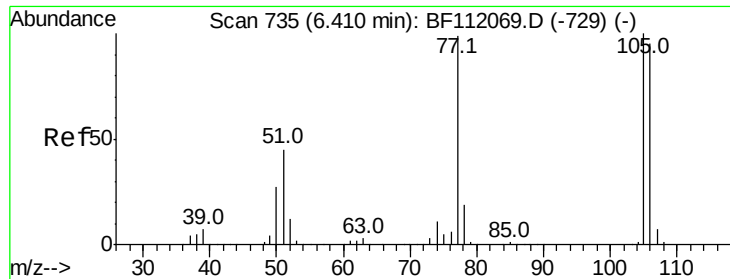
Acq: 24 Jan 2019 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		201636		
130	31.8	13.4	53.4		
64	41.6	20.5	60.5		



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.019 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampled :

TS-VMDS

Tot Ion: 77 Resp: 39794

Ion Ratio Lower Upper

77 100

105 91.9 80.8 120.8

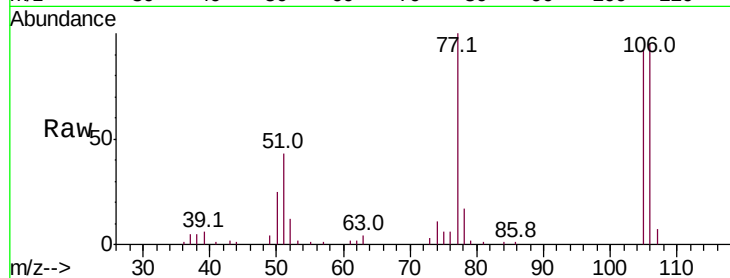
106 95.1 75.7 115.7

Manual Integrations

APPROVED

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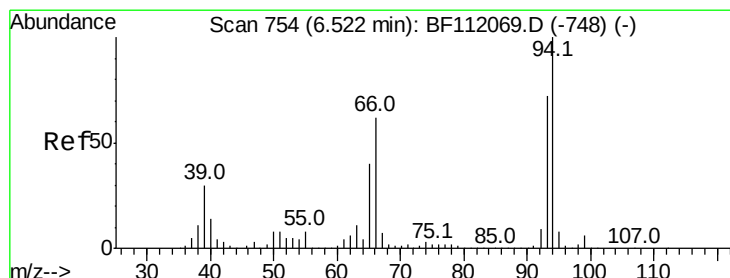
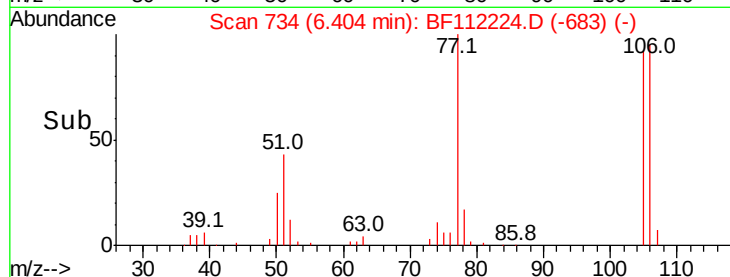
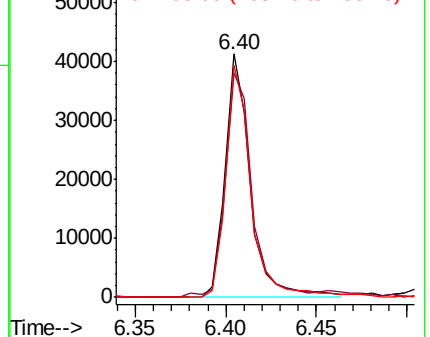
1/25/2019 10:05:30 AM



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: 20.722 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

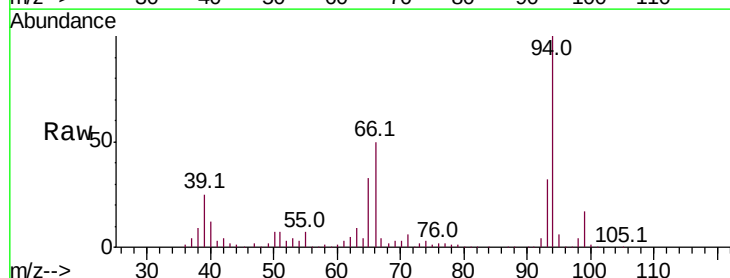
Tgt Ion: 94 Resp: 264618

Ion Ratio Lower Upper

94 100

65 33.3 20.3 60.3

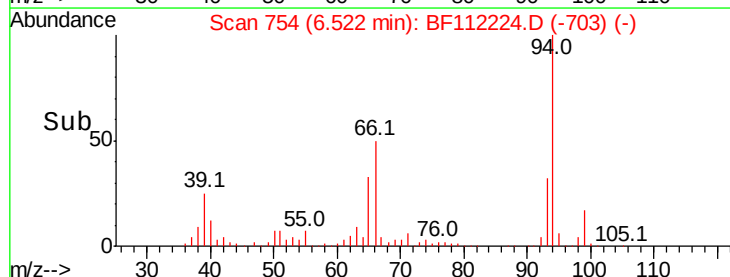
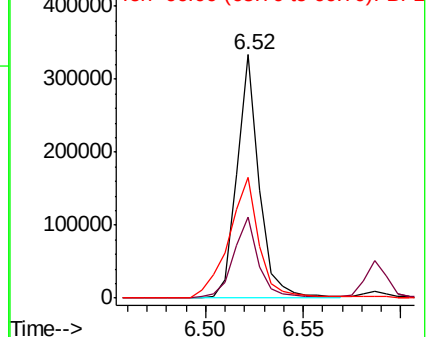
66 49.6 42.4 82.4

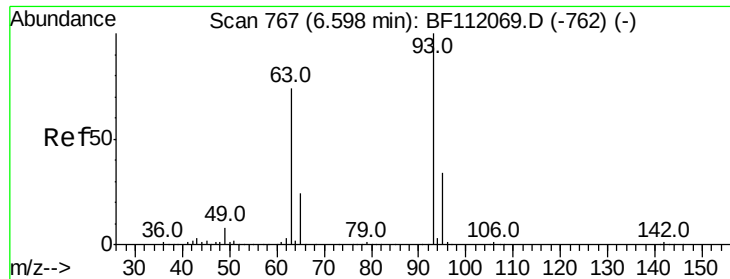


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11
bis(2-Chloroethyl)ether
Concen: 17.016 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

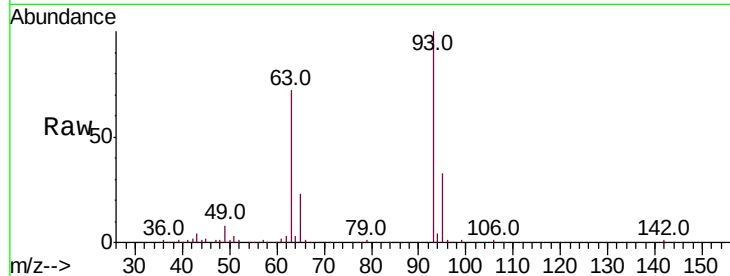
Instrument :
BNA_F
ClientSampled :
TS-VMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	53.3	93.3
95	33.0	13.4	53.4

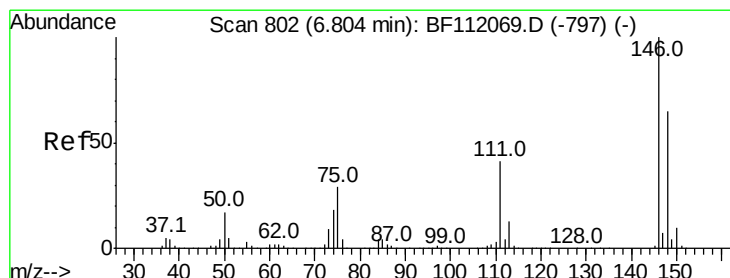
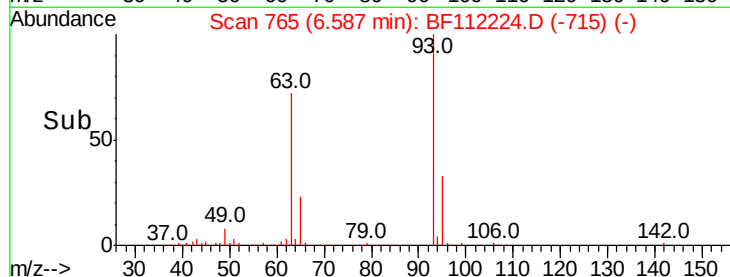
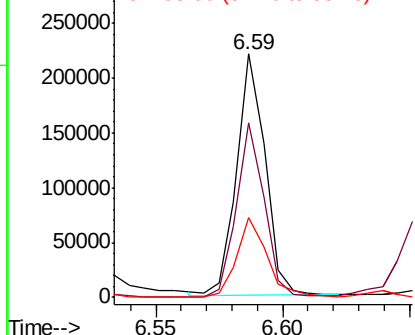
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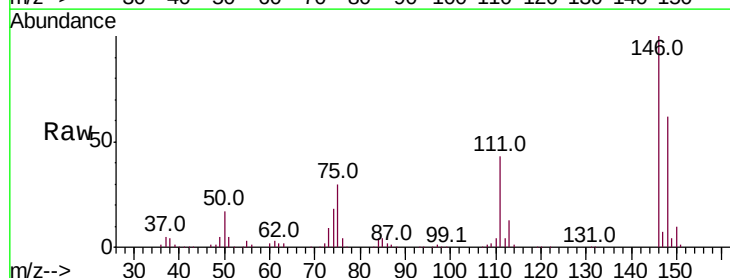


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

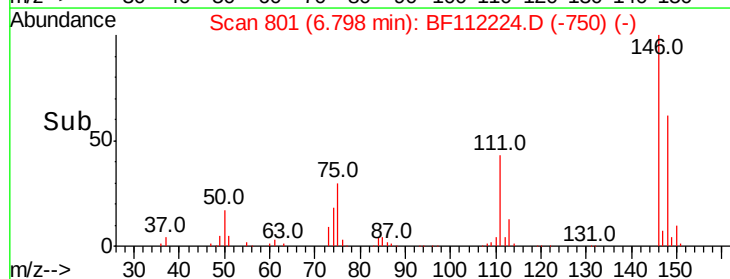
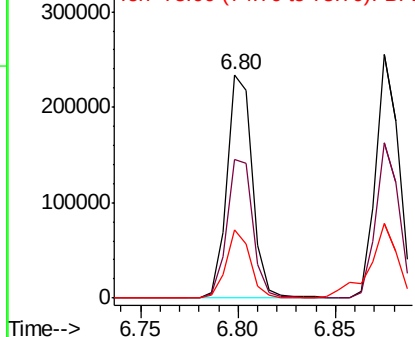


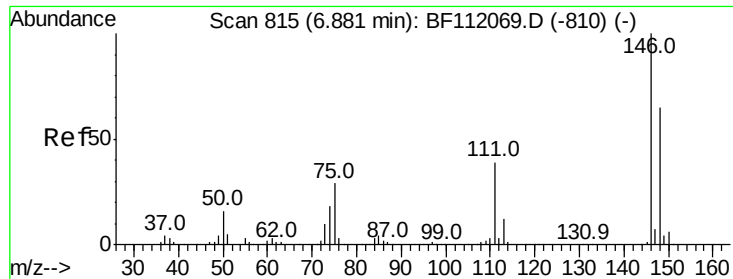
#12
1,3-Dichlorobenzene
Concen: 17.087 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.8	77.8
75	30.4	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13
 1,4-Dichlorobenzene
 Concen: 16.854 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

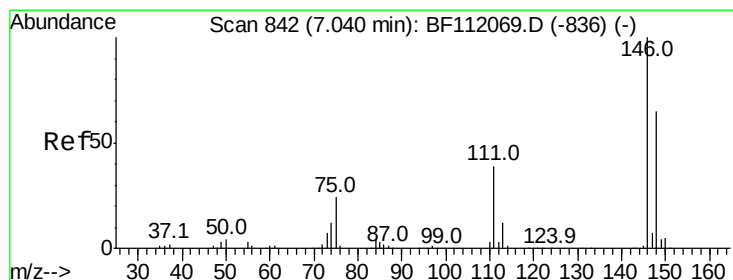
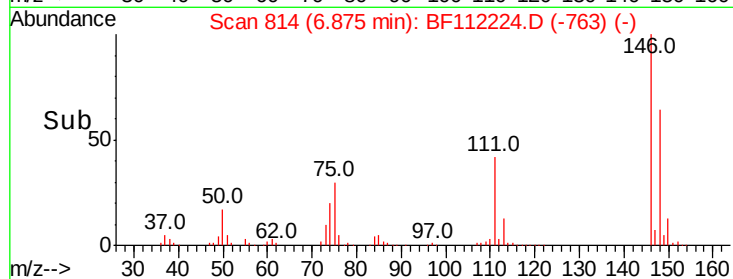
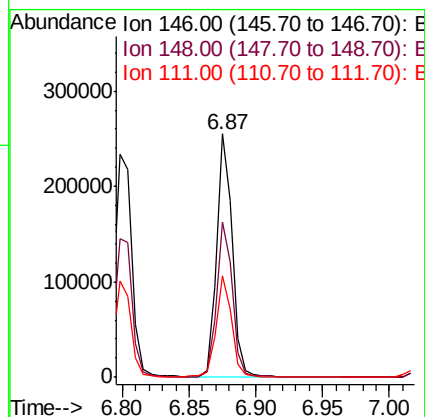
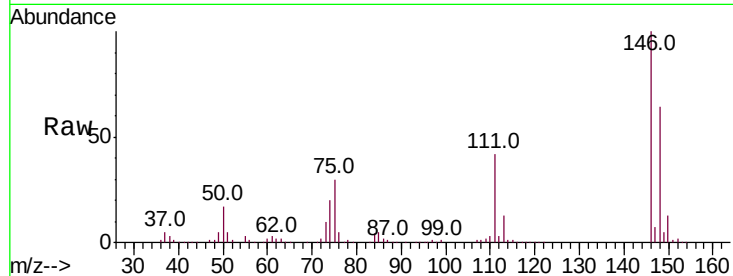
Instrument :
 BNA_F
 ClientSampleId :
 TS-VM5D

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
111	41.9	31.2	46.8

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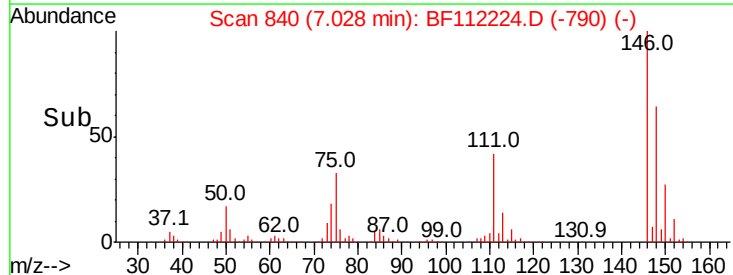
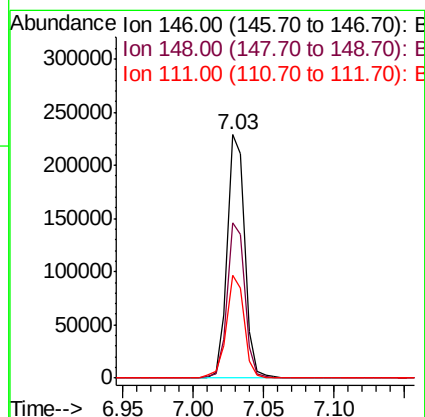
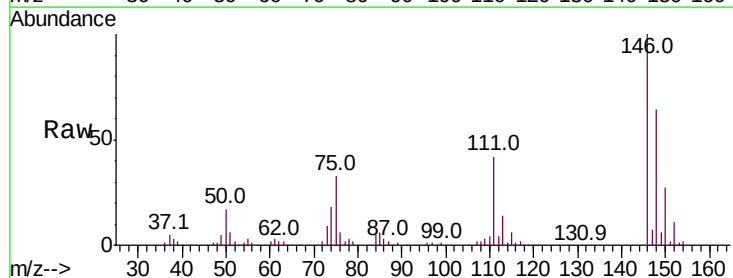
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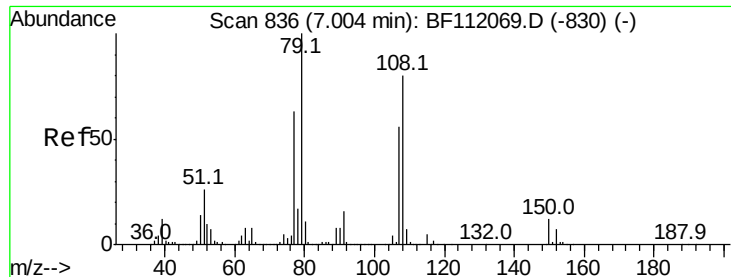
1/25/2019 10:05:30 AM



#14
 1,2-Dichlorobenzene
 Concen: 17.018 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	42.1	31.2	46.8





#15

Benzyl Alcohol

Concen: 17.204 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

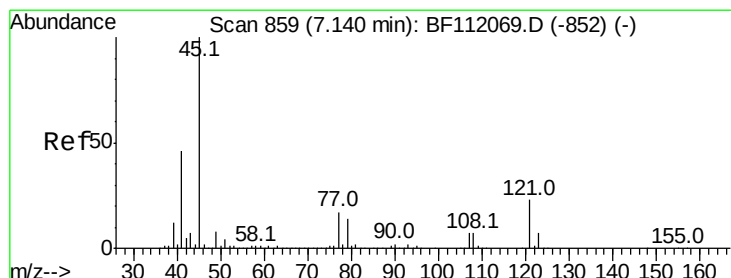
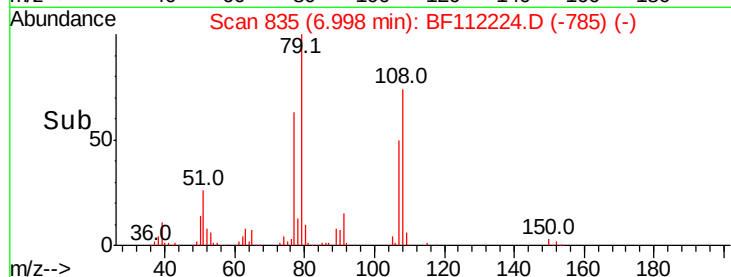
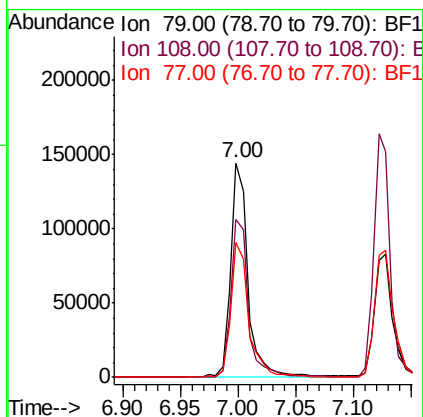
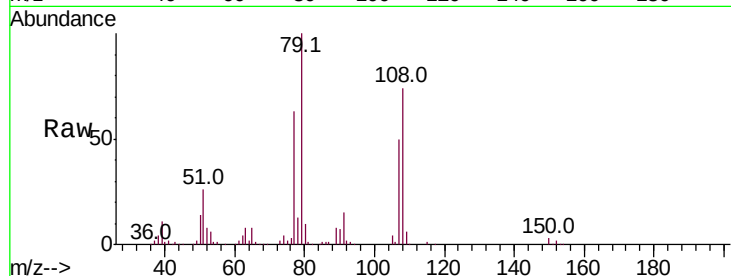
TS-VMSS

Tot Ion:	79	Resp:	149763
Ion Ratio	Lower	Upper	
79	100		
108	73.5	64.2	96.2
77	62.8	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.939 ng

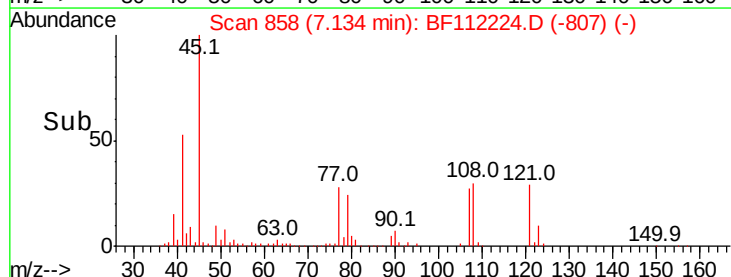
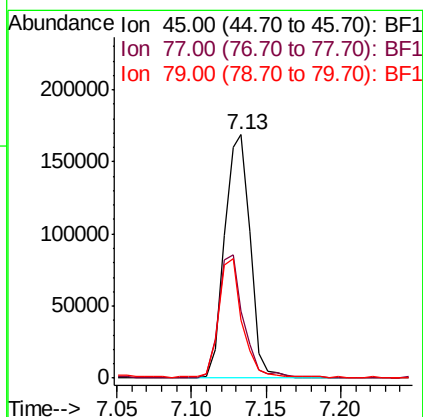
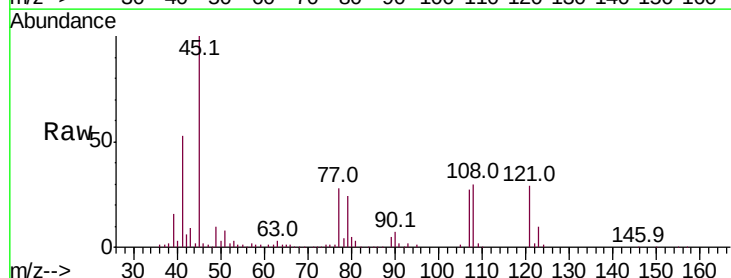
RT: 7.13 min Scan# 858

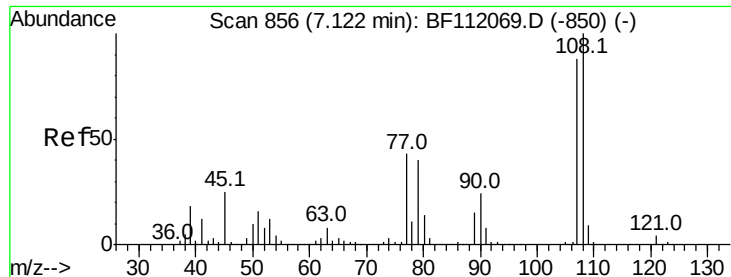
Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	45	Resp:	204096
Ion Ratio	Lower	Upper	
45	100		
77	27.8	0.0	36.9
79	23.8	0.0	34.0





#17
2-Methylphenol
Concen: 17.929 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

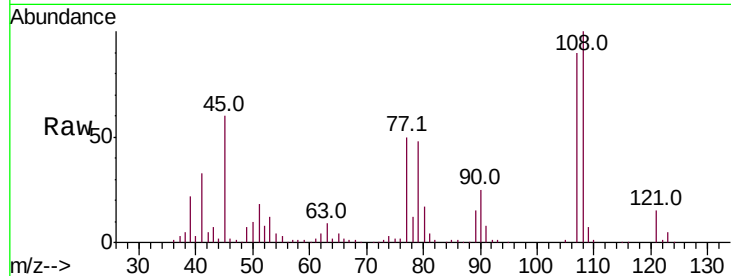
Instrument :
BNA_F
ClientSampleId :
TS-VMDS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.3	136.9
77	55.8	39.0	58.6
79	53.5	37.0	55.4

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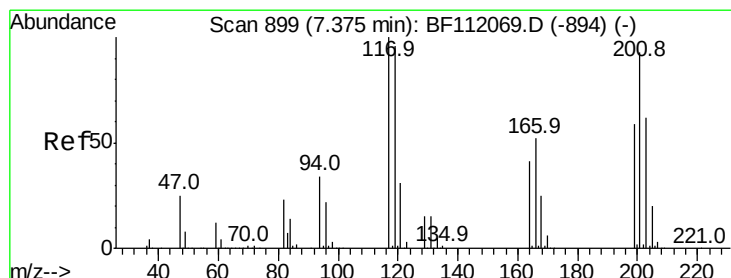
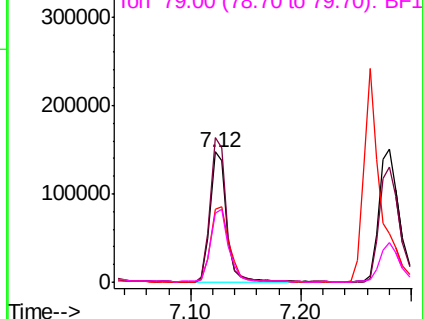
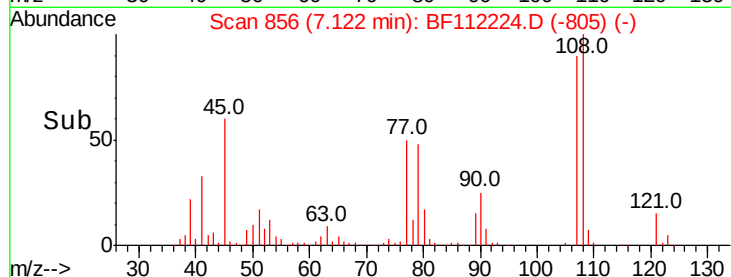
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

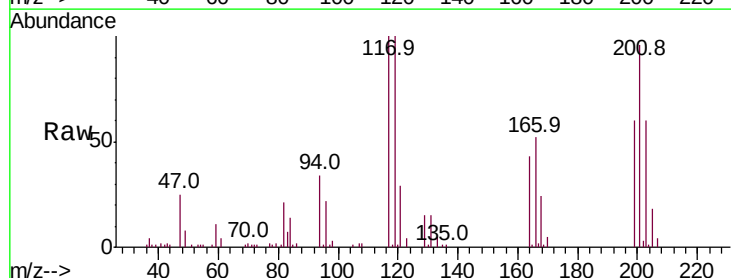
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 9.530 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	77.0	115.4
201	96.1	74.1	111.1

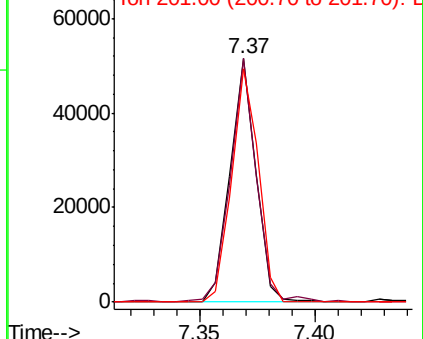
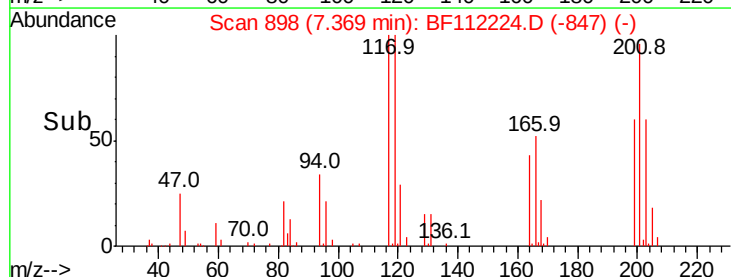


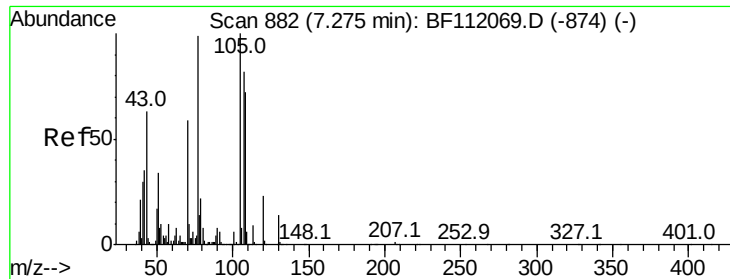
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 18.519 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

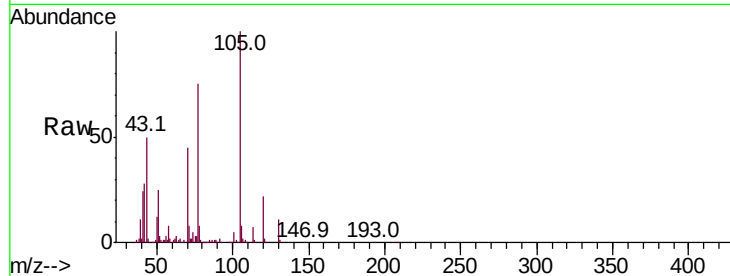
Instrument :
BNA_F
ClientSampleId :
TS-VMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	47.6	71.4	
101	10.8	7.9	11.9	
130	24.3	18.4	27.6	

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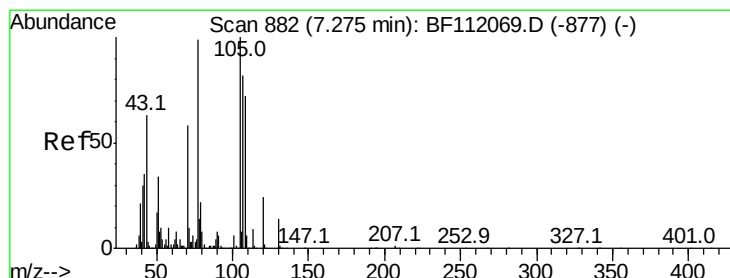
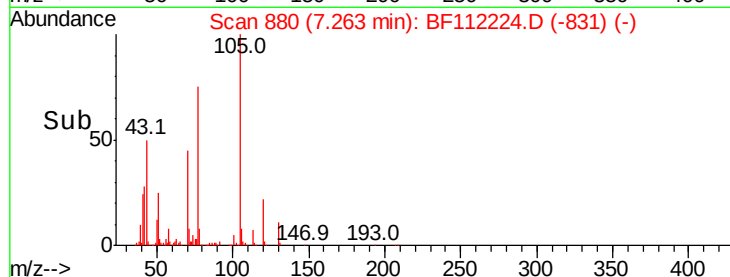
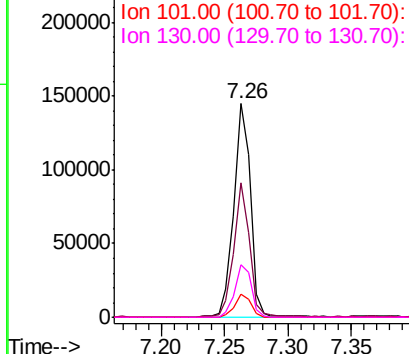
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 19.819 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	68.2	108.2	
77	36.8	100.7	140.7#	
79	29.6	7.3	47.3	

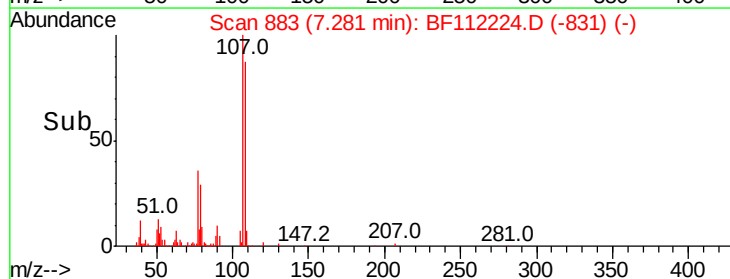
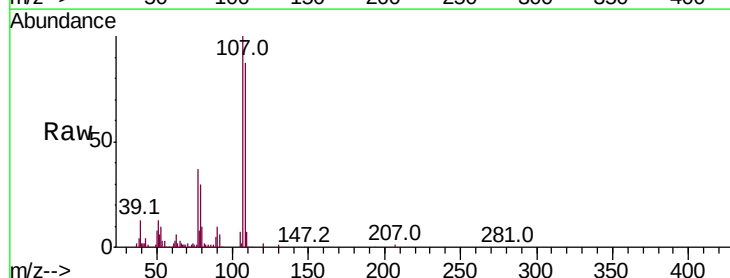
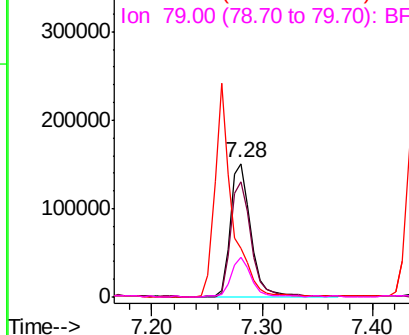
Abundance

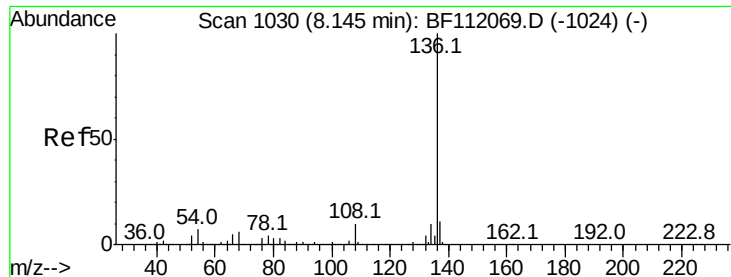
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

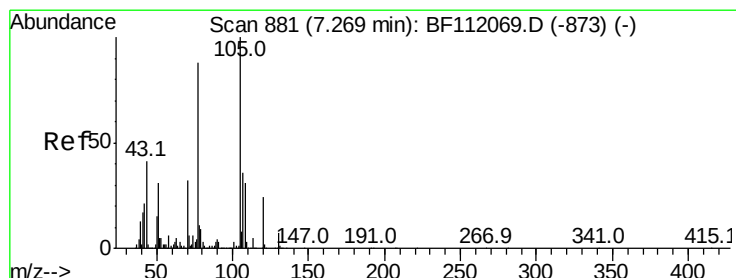
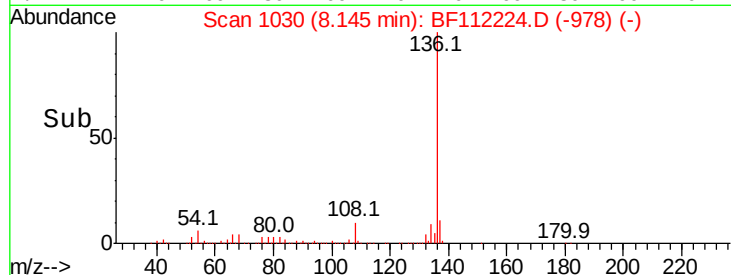
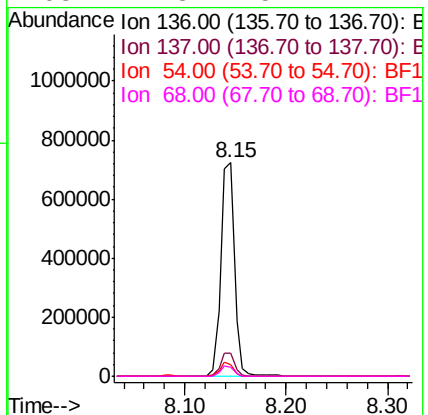
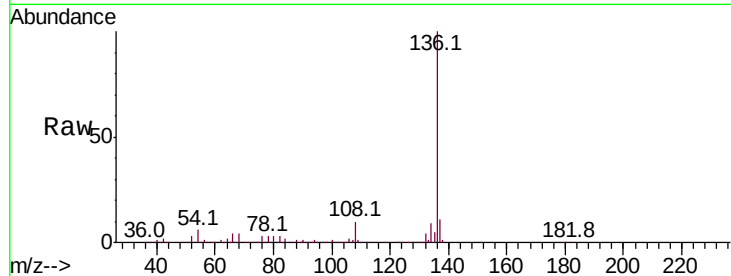
TS-VMSSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	677208		
137	10.9		9.1	13.7
54	5.6		5.9	8.9#
68	4.3		5.1	7.7#

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#22

Acetophenone

Concen: 17.386 ng

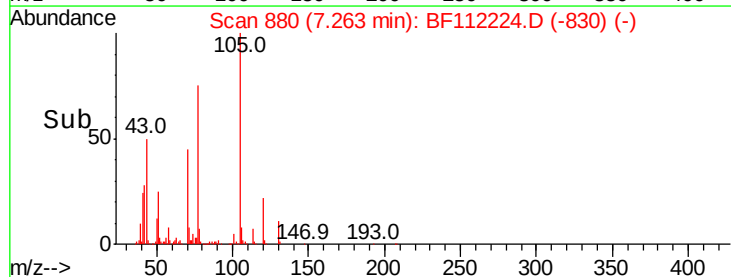
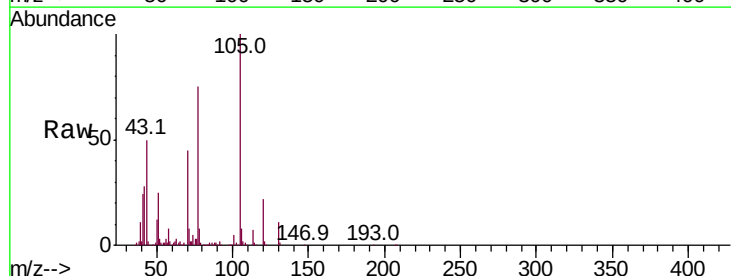
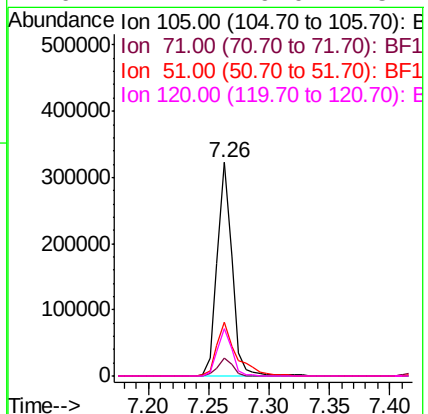
RT: 7.26 min Scan# 880

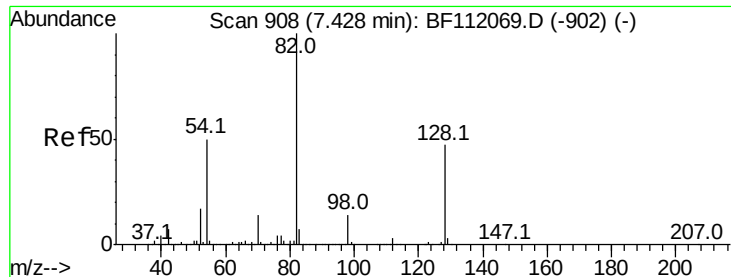
Delta R.T. -0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272768		
71	8.2		4.6	6.8#
51	25.0		25.0	37.6#
120	22.4		19.0	28.4





#23
 Nitrobenzene-d5
 Concen: 42.404 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

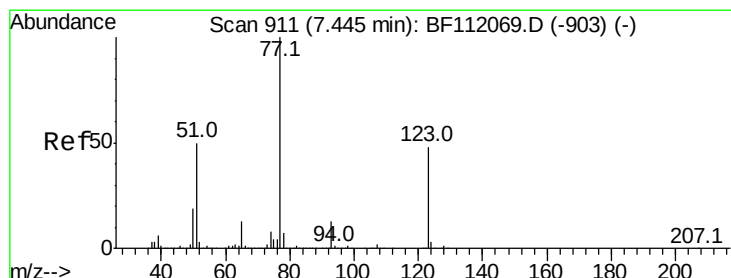
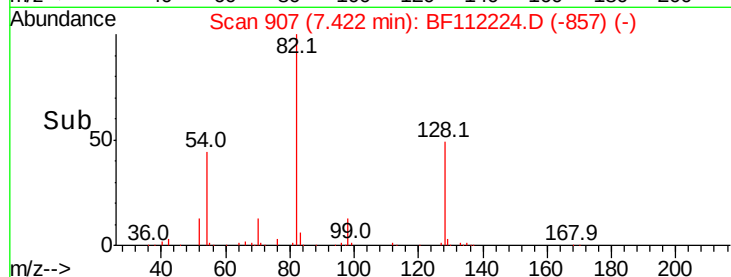
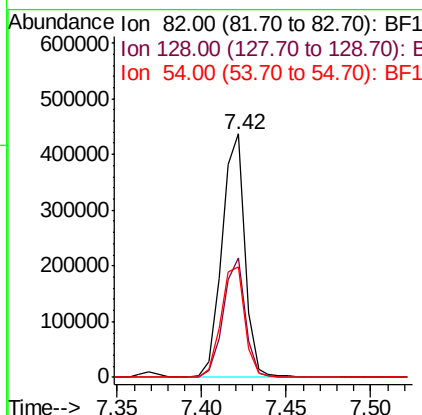
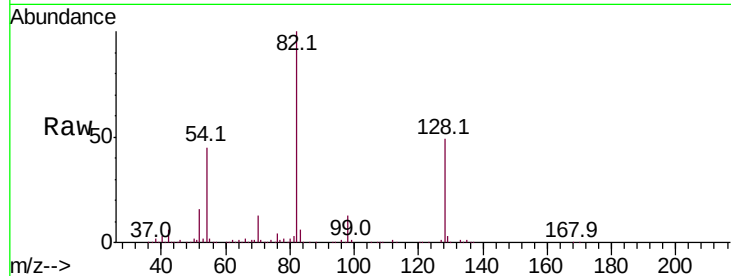
Instrument :
 BNA_F
 ClientSampled :
 TS-VMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.8	56.8
54	45.2	39.7	59.5

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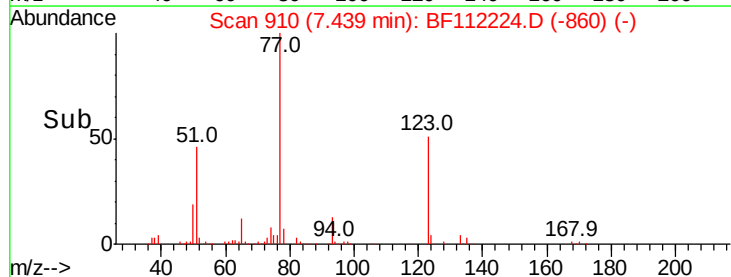
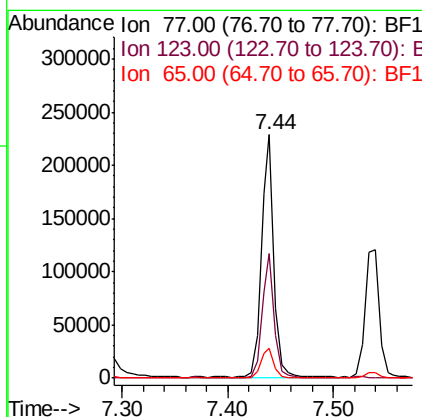
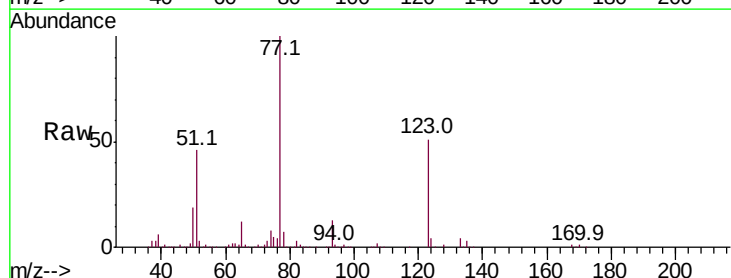
Sonil

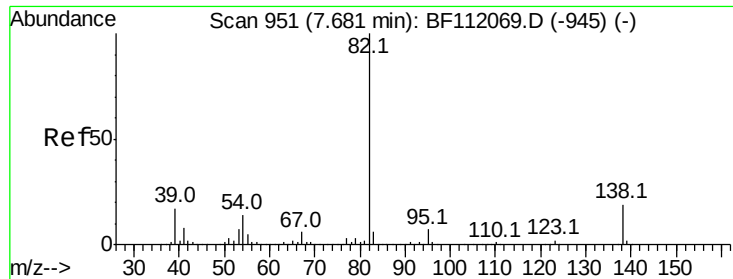
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#24
 Nitrobenzene
 Concen: 18.425 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	38.4	57.6
65	12.2	10.6	15.8





#25

Isophorone

Concen: 19.038 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampled :

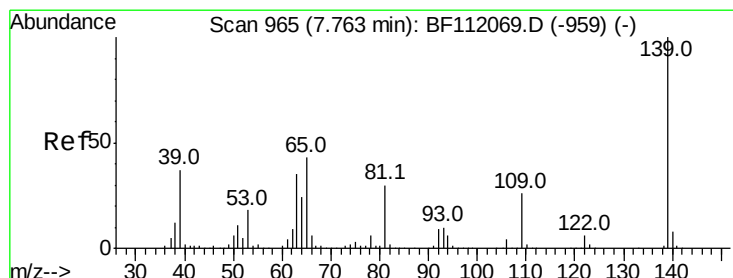
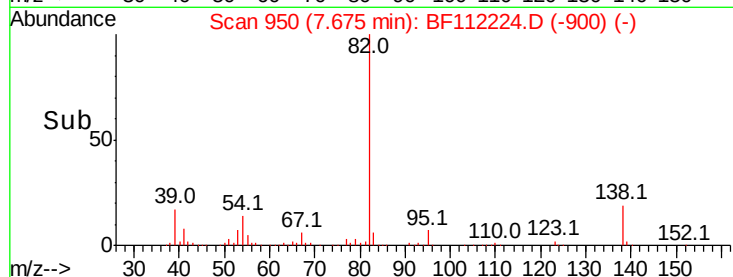
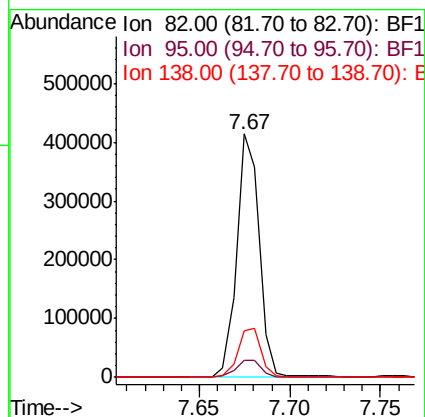
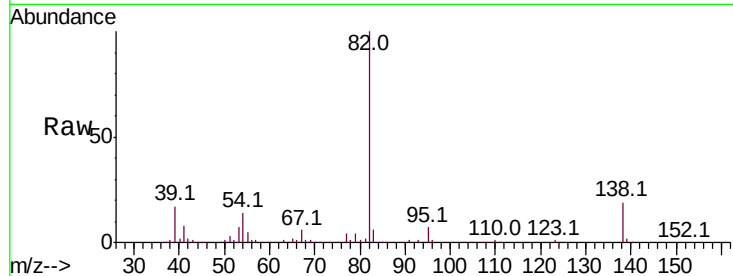
TS-VM5D

Tot Ion:	82	Resp:	360445
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.2	15.4	23.0

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#26

2-Nitrophenol

Concen: 18.158 ng

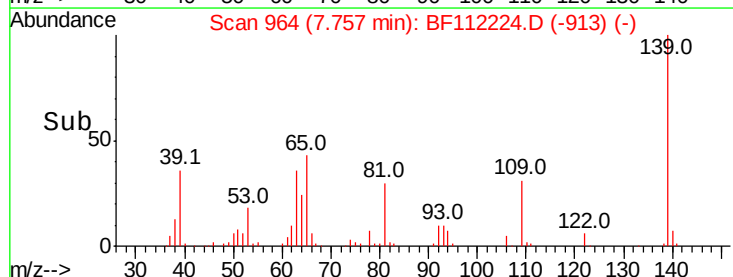
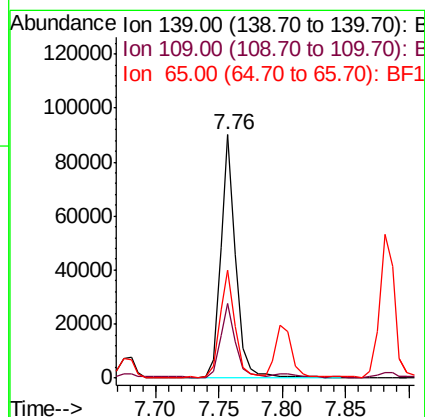
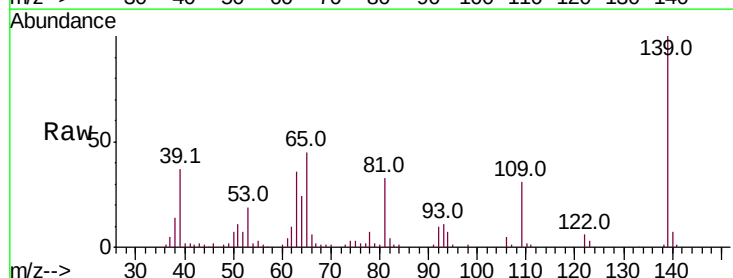
RT: 7.76 min Scan# 964

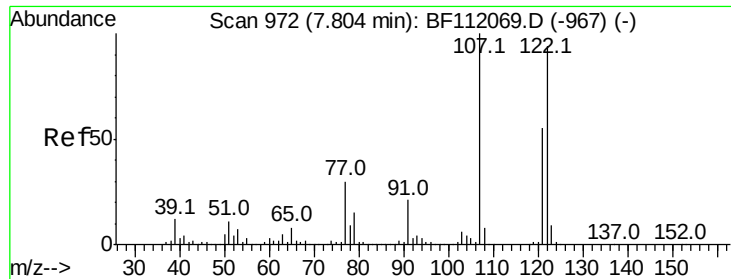
Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	139	Resp:	75513
Ion Ratio	Lower	Upper	
139	100		
109	30.7	20.8	31.2
65	44.6	34.4	51.6





#27
2,4-Dimethylphenol
Concen: 20.580 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

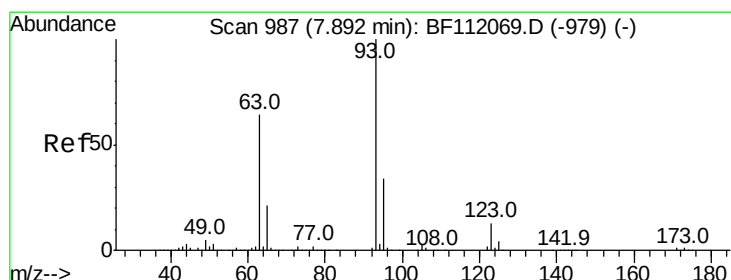
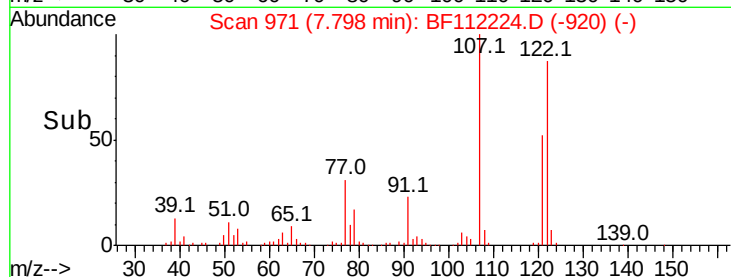
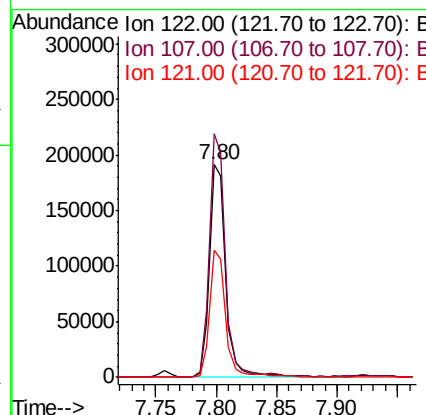
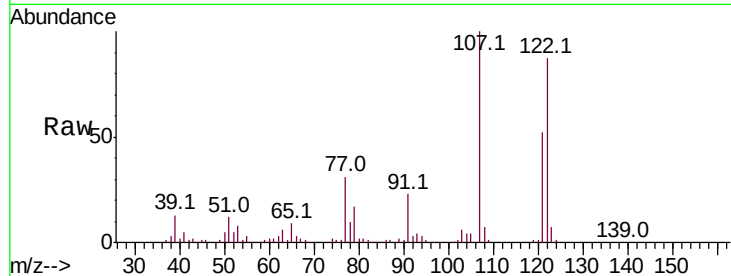
Instrument :
BNA_F
ClientSampled :
TS-VMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	180861		
107	114.6	85.4	128.0	
121	59.8	47.0	70.4	

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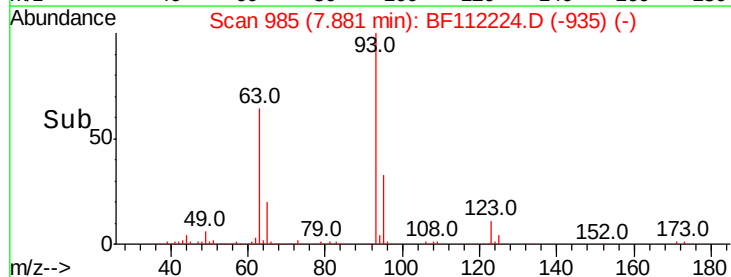
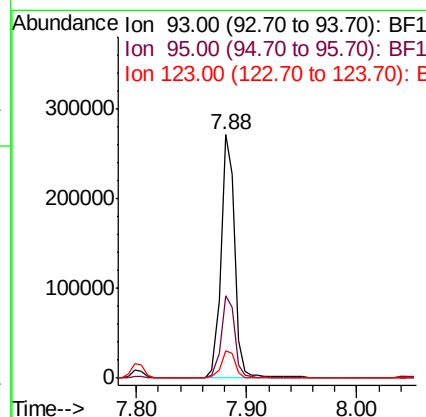
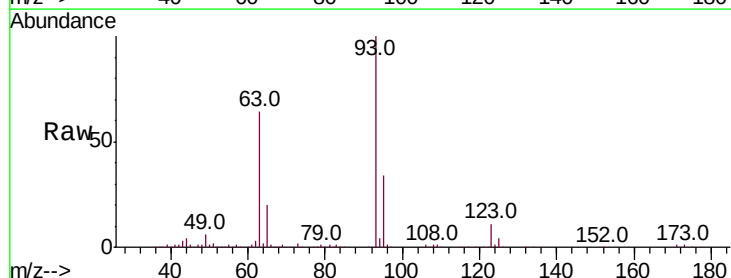
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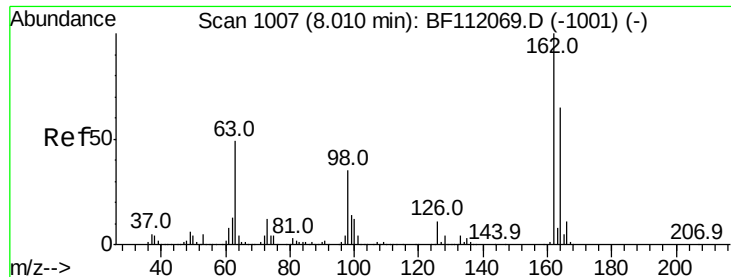
1/25/2019 10:05:30 AM



#28
bis(2-Chloroethoxy)methane
Concen: 18.181 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	236122		
95	33.6	26.8	40.2	
123	11.0	10.2	15.2	





#29
2,4-Dichlorophenol
Concen: 17.451 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

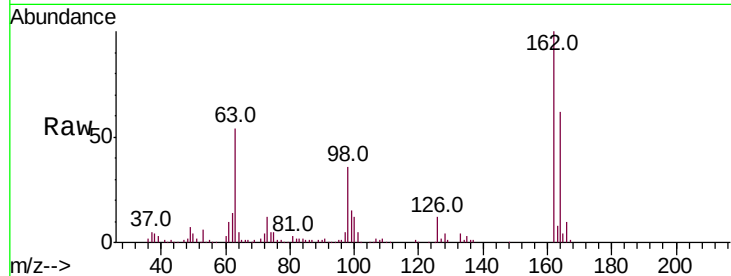
Instrument :
BNA_F
ClientSampleId :
TS-VM5D

Tot Ion	Ratio	Resp	Lower	Upper
162	100	167539		
164	62.2		44.6	84.6
98	36.2		14.6	54.6

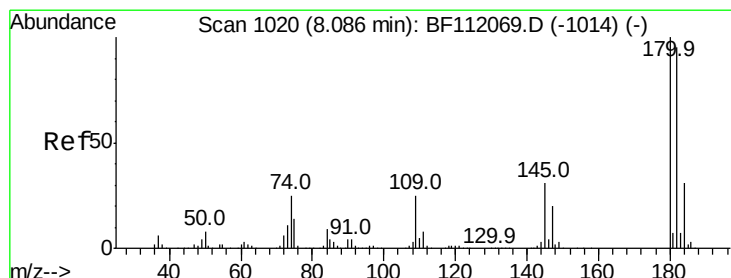
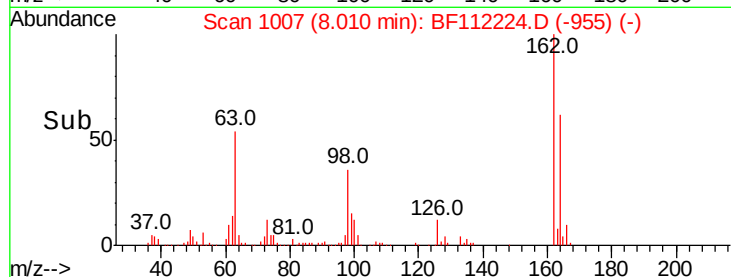
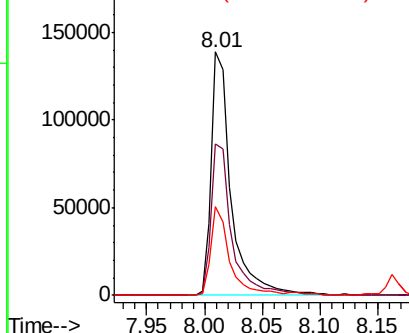
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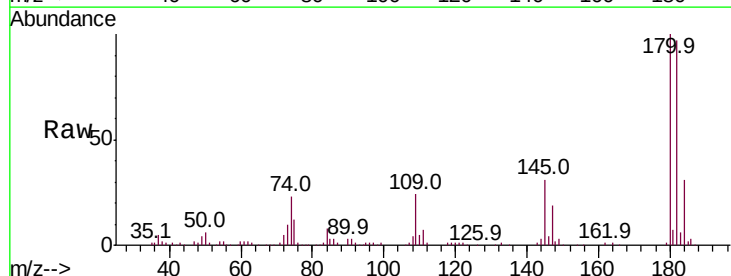


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

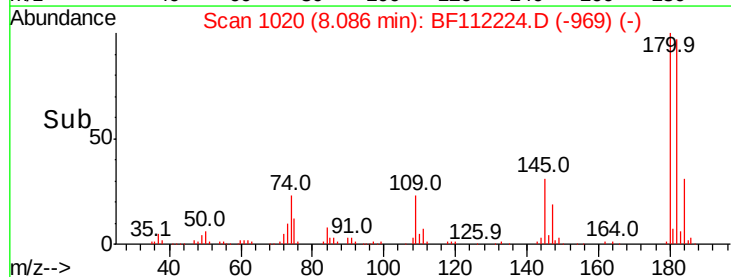
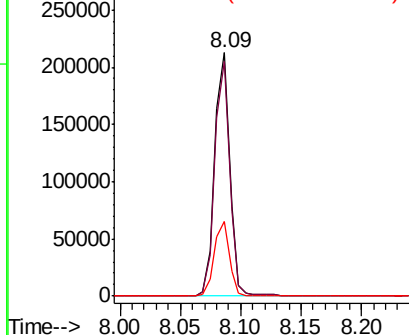


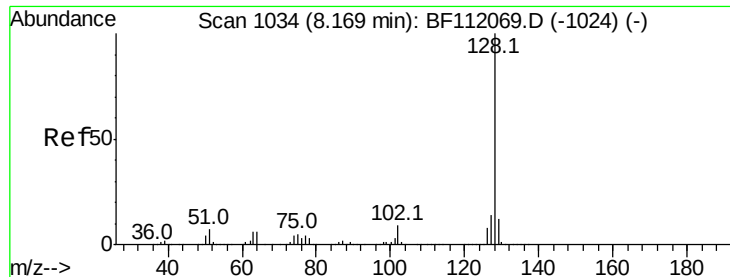
#30
1,2,4-Trichlorobenzene
Concen: 16.423 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182978		
182	96.5		76.4	114.6
145	30.8		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: 18.727 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

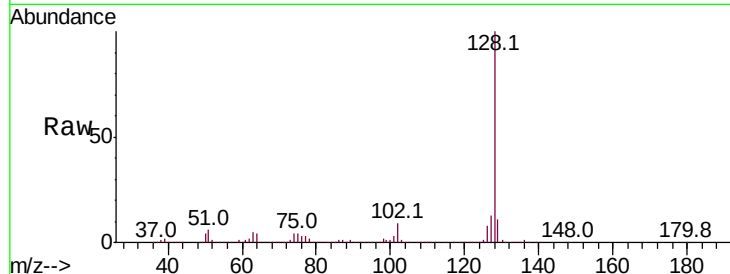
Instrument :
BNA_F
ClientSampleId :
TS-VM5D

Tot Ion	128	Resp	576810
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.6	14.4
127	13.5	11.1	16.7

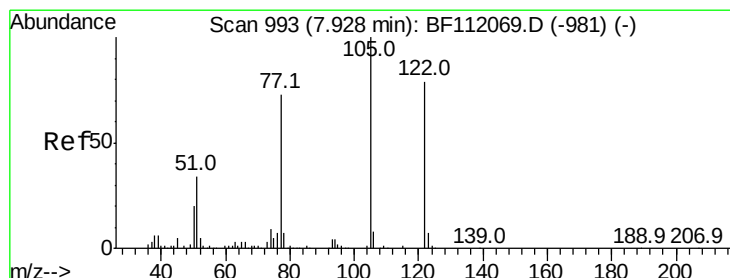
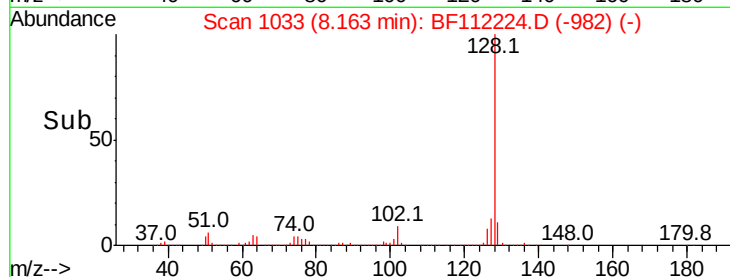
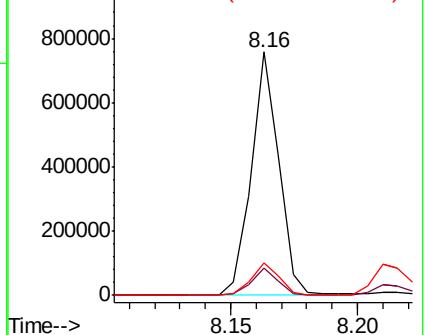
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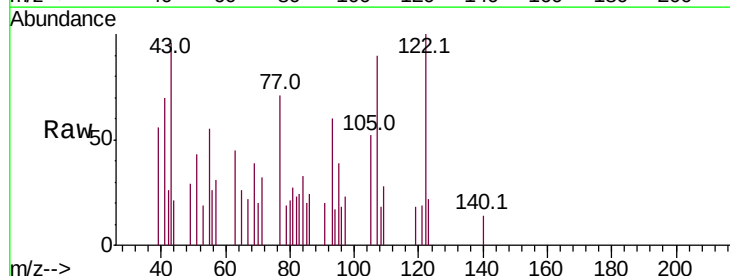


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

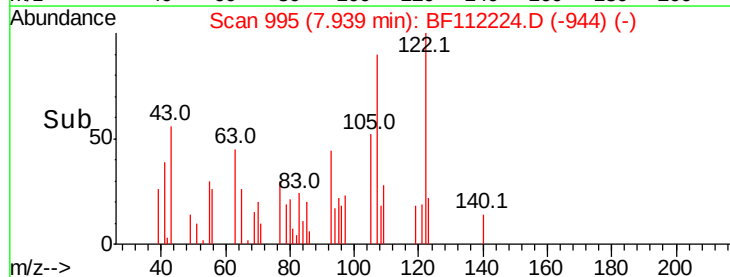
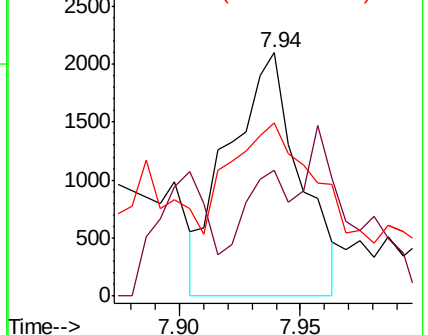


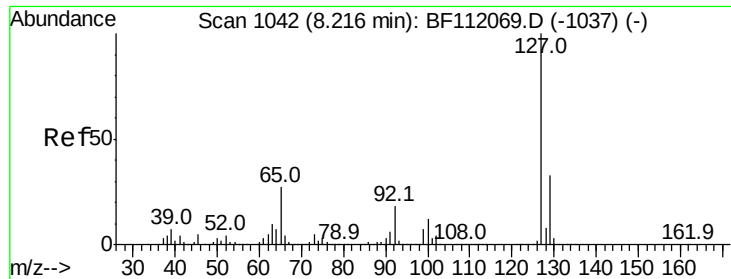
#32
Benzoic acid
Concen: 8.329 ng m
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	122	Resp	4270
Ion Ratio	Lower	Upper	
122	100		
105	51.7	101.2	141.2#
77	71.4	70.4	110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33
 4-Chloroaniline
 Concen: 8.265 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

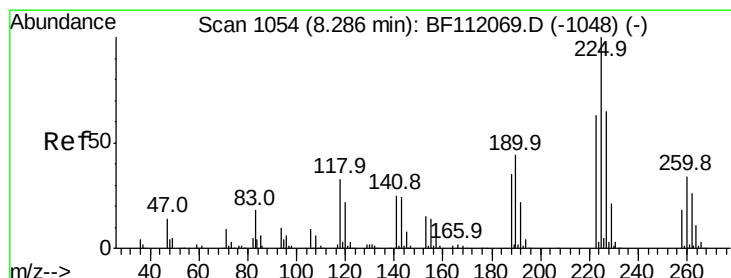
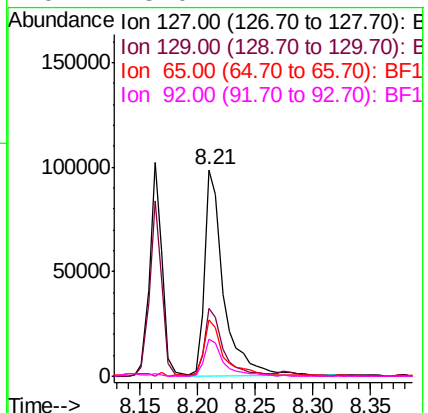
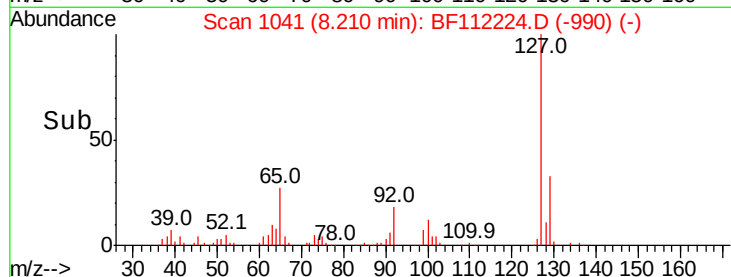
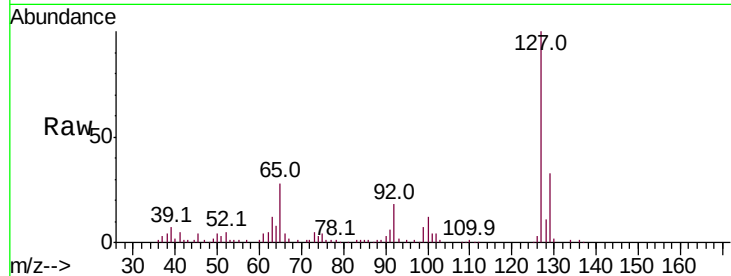
Instrument :
 BNA_F
 ClientSampleId :
 TS-VM5D

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	27.6	21.4	32.2
92	18.0	14.2	21.2

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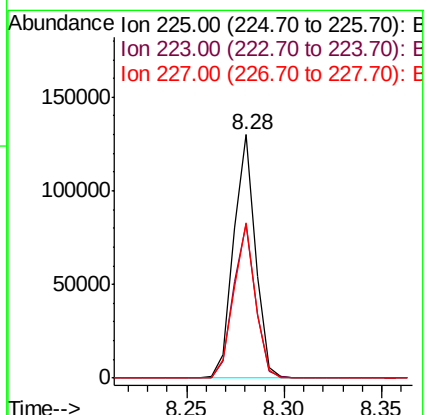
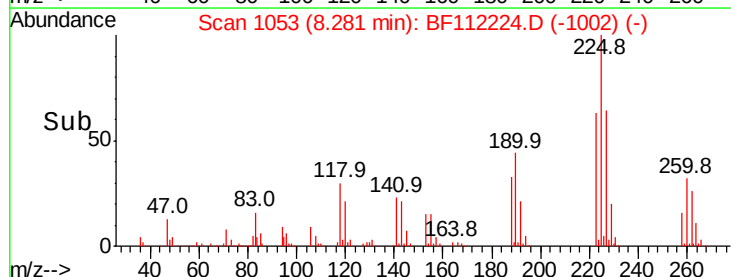
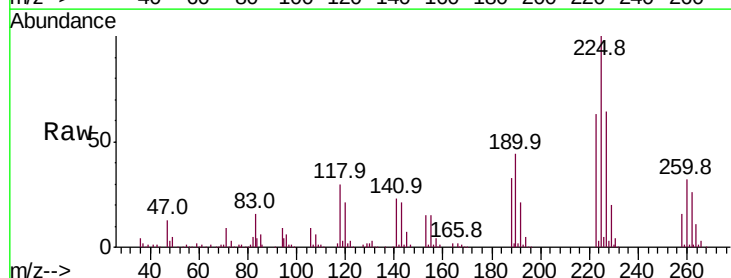
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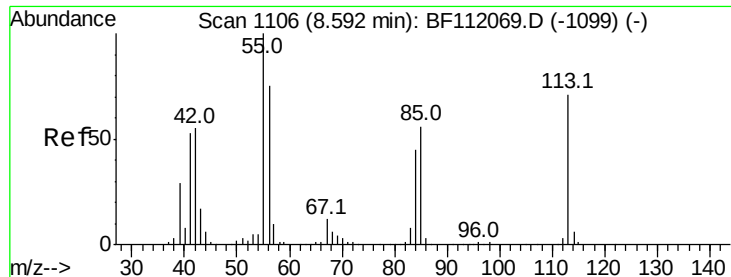
1/25/2019 10:05:30 AM



#34
 Hexachlorobutadiene
 Concen: 16.262 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.3	75.5
227	63.8	51.8	77.8





#35
 Caprolactam
 Concen: 15.119 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.04 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

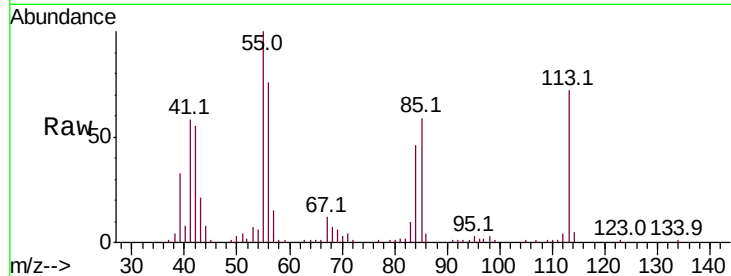
Instrument :
 BNA_F
 ClientSampleId :
 TS-VM5D

Tot Ion:113 Resp: 50800
 Ion Ratio Lower Upper
 113 100
 55 138.9 121.6 161.6
 56 106.2 86.7 126.7

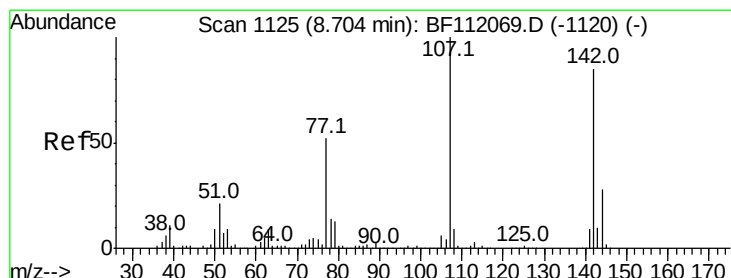
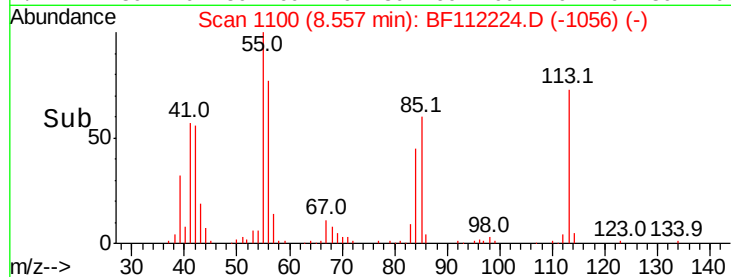
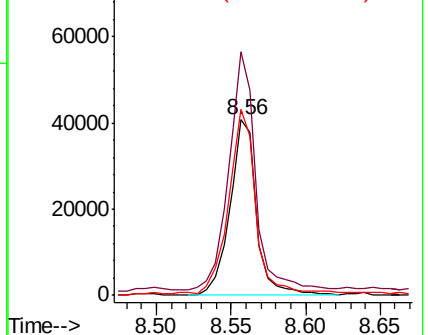
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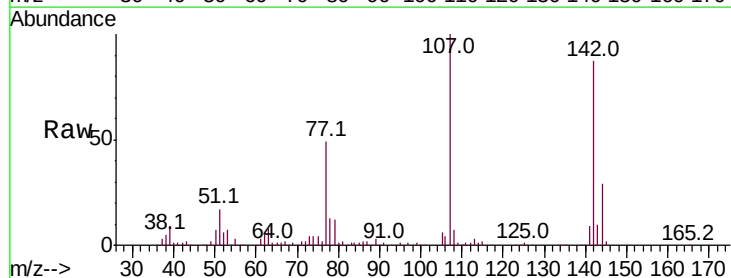


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

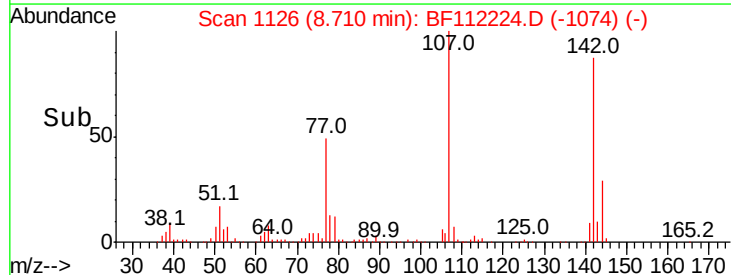
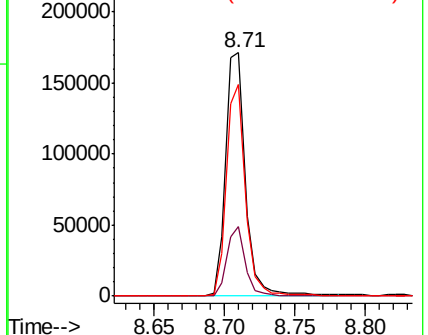


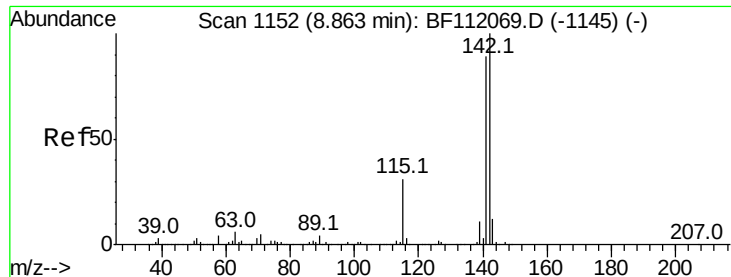
#36
 4-Chloro-3-methylphenol
 Concen: 18.035 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion:107 Resp: 169110
 Ion Ratio Lower Upper
 107 100
 144 28.7 22.2 33.2
 142 86.7 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: 19.984 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

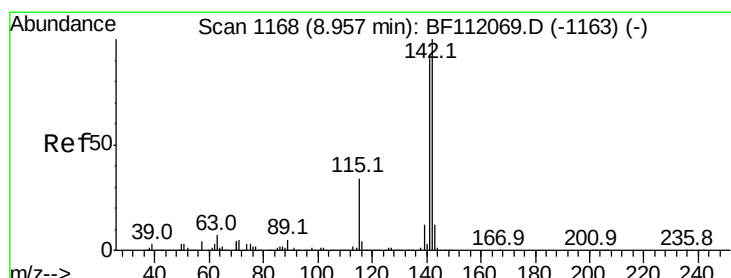
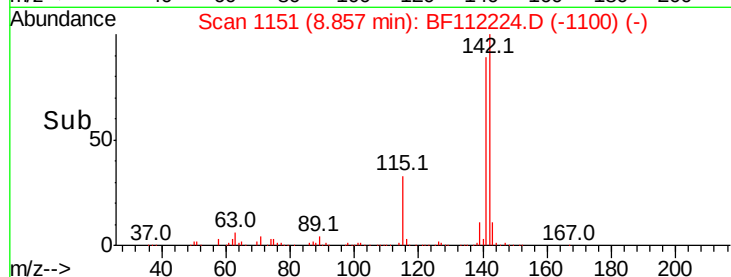
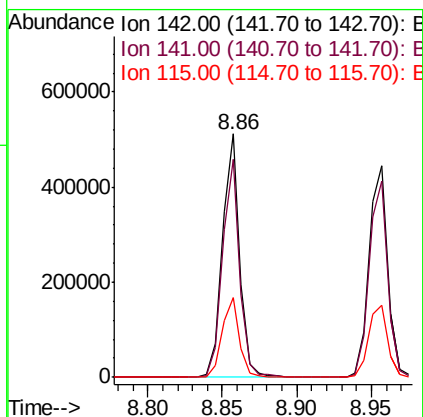
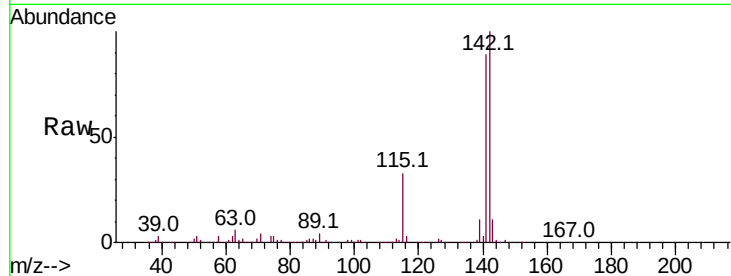
Instrument :
BNA_F
ClientSampleId :
TS-VMSSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	33.0	24.9	37.3

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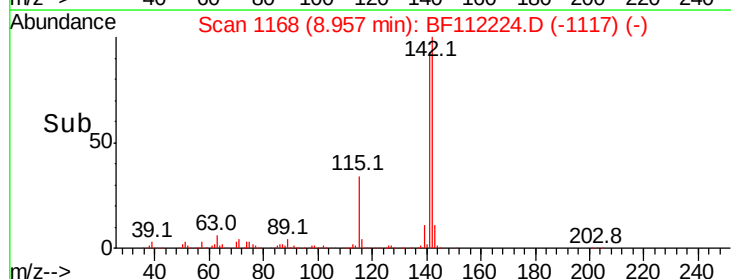
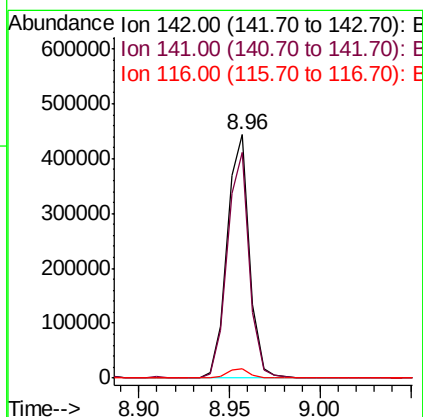
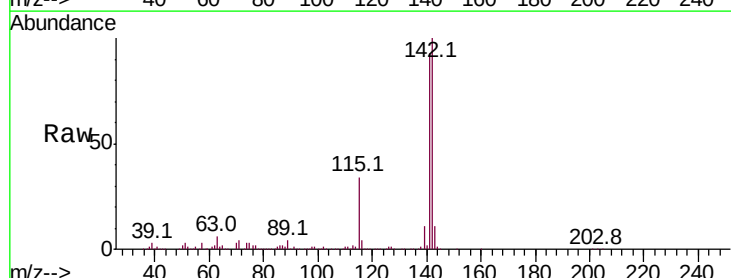
Sonali

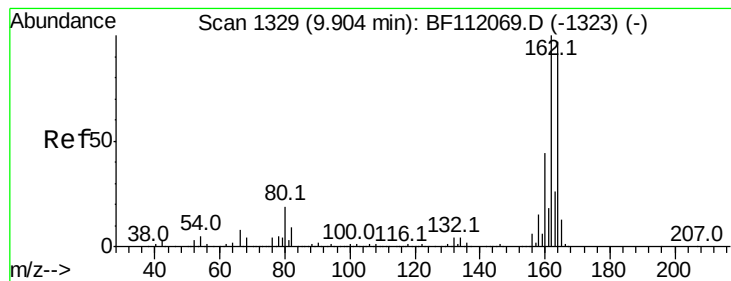
1/25/2019 10:05:30 AM



#38
1-Methylnaphthalene
Concen: 18.859 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8
116	3.7	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: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

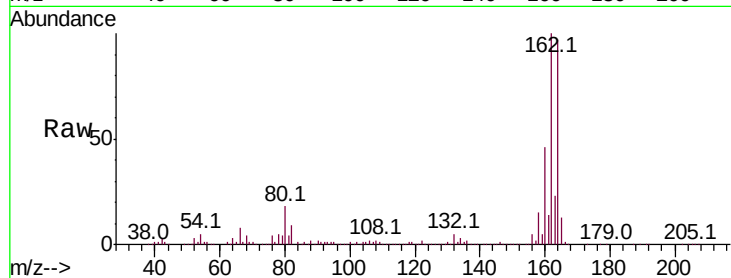
TS-VMSSD

Tot Ion:	164	Resp:	297554
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.2	123.4
160	46.7	36.2	54.4

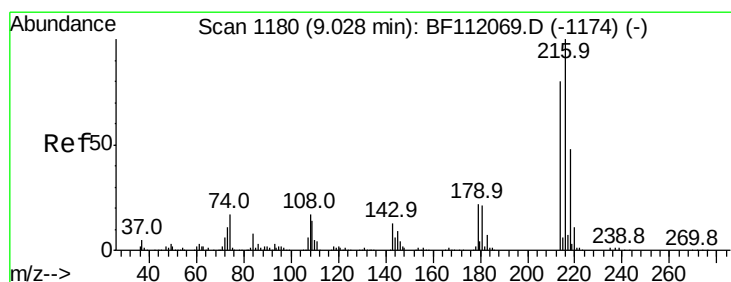
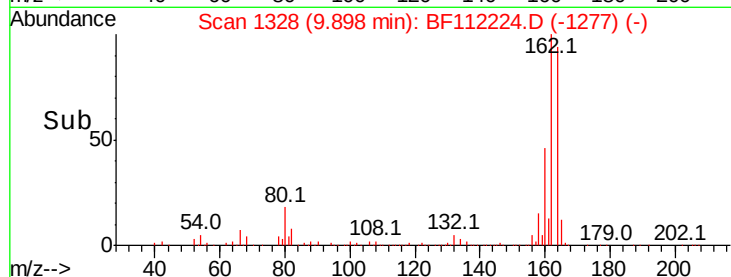
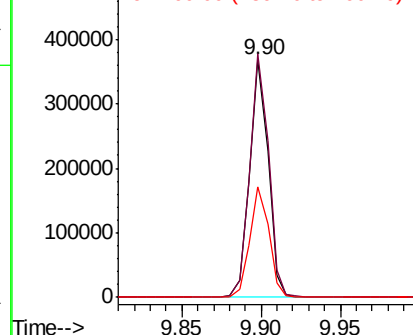
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 18.097 ng

RT: 9.03 min Scan# 1180

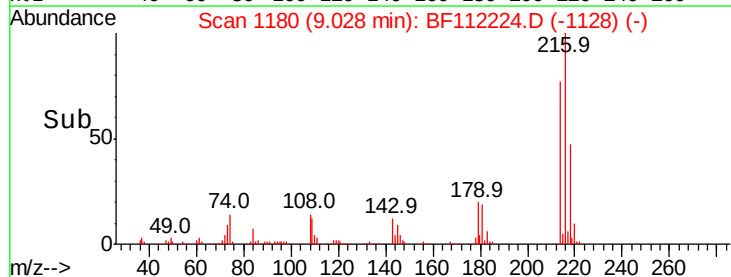
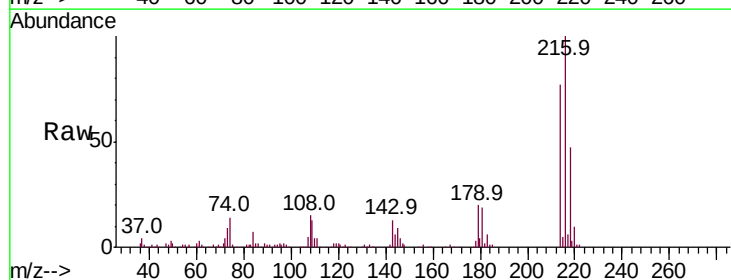
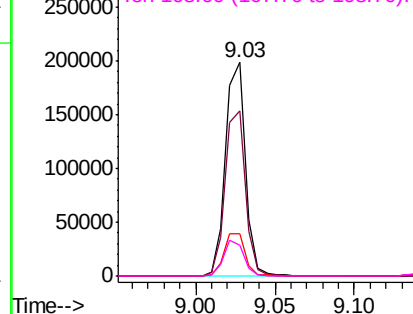
Delta R.T. 0.01 min

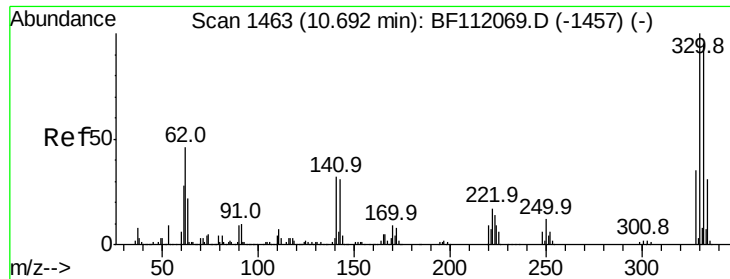
Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	216	Resp:	172910
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.8	95.6
179	21.5	16.9	25.3
108	17.4	14.2	21.4

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





#42

2,4,6-Tribromophenol

Concen: 56.748 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampled :

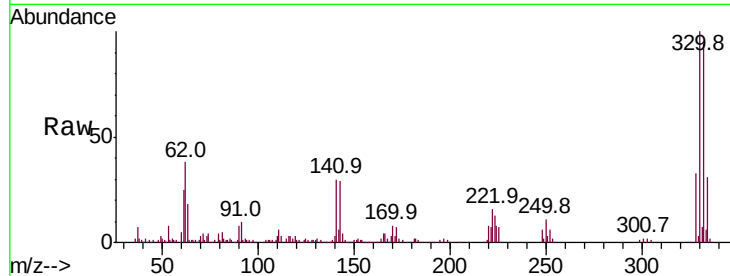
TS-VMSS

Tot Ion:	330	Resp:	182158
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.6	114.8
141	31.8	24.3	36.5

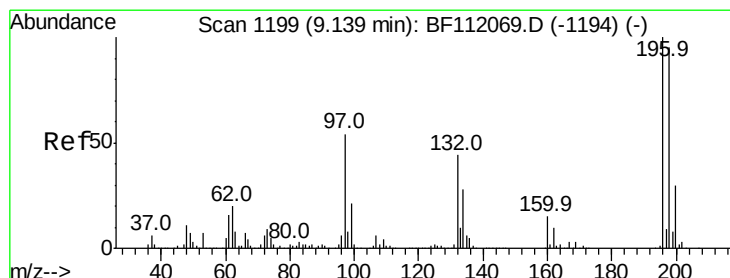
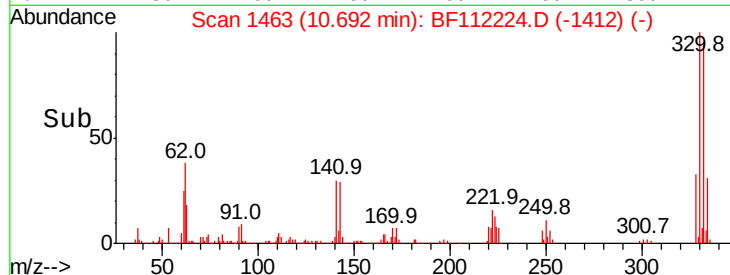
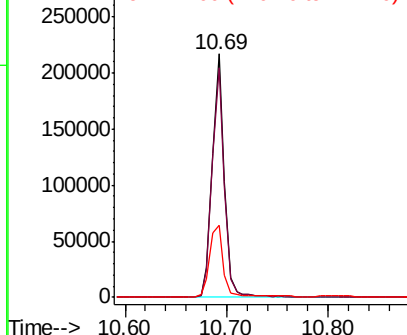
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 19.486 ng

RT: 9.14 min Scan# 1199

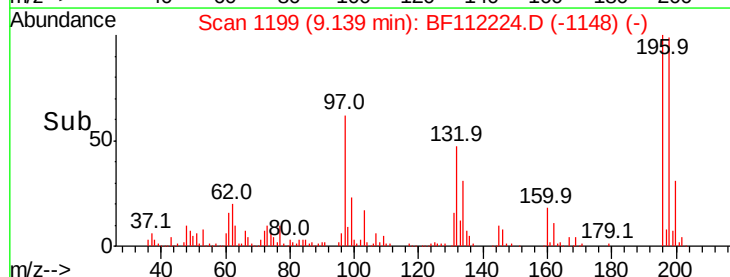
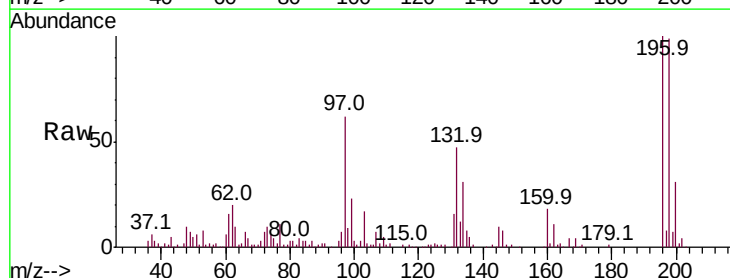
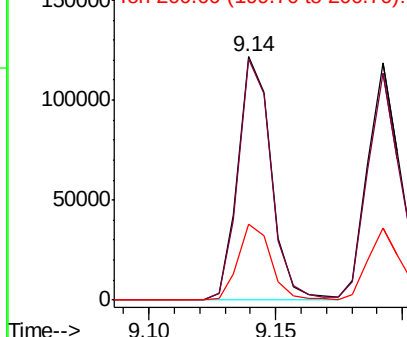
Delta R.T. 0.00 min

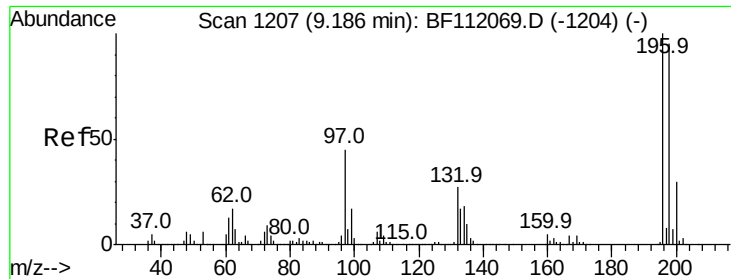
Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	196	Resp:	111381
Ion Ratio	Lower	Upper	
196	100		
198	99.3	76.2	114.4
200	31.1	24.3	36.5

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





#44
 2,4,5-Trichlorophenol
 Concen: 18.822 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

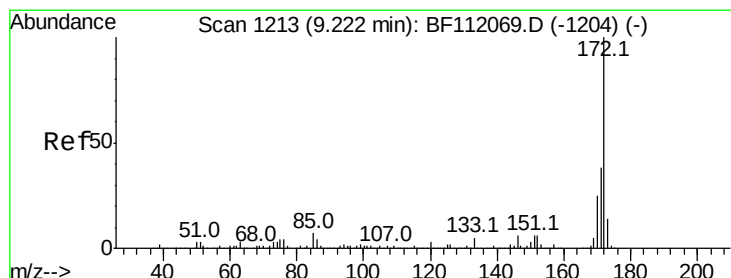
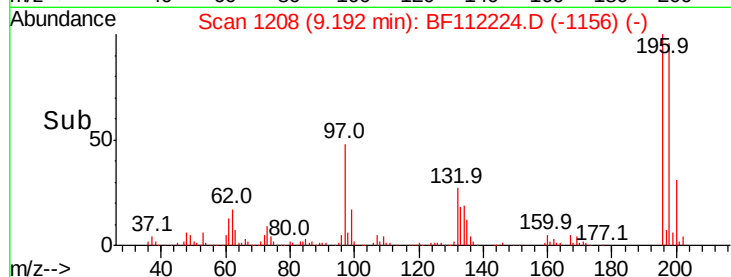
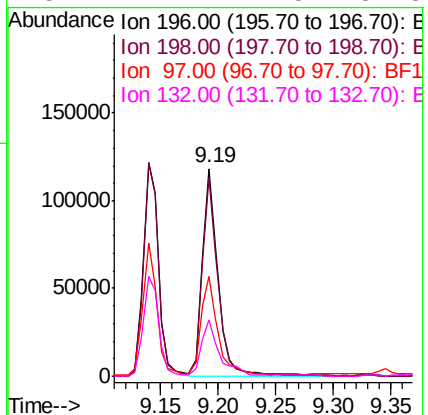
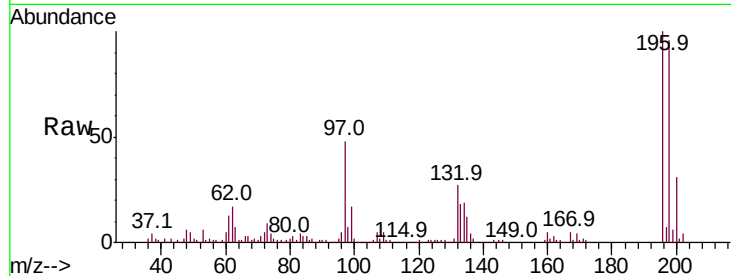
Instrument :
 BNA_F
 ClientSampled :
 TS-VMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	114586		
198	95.8	76.0	114.0	
97	48.3	36.4	54.6	
132	27.1	21.5	32.3	

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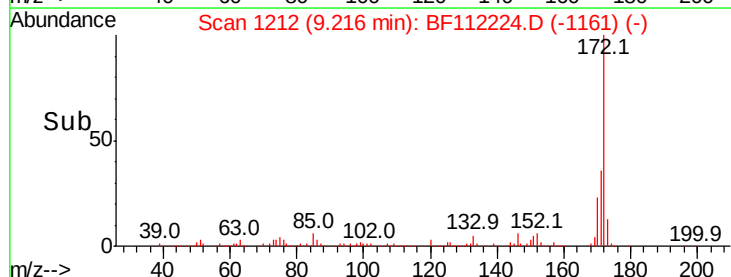
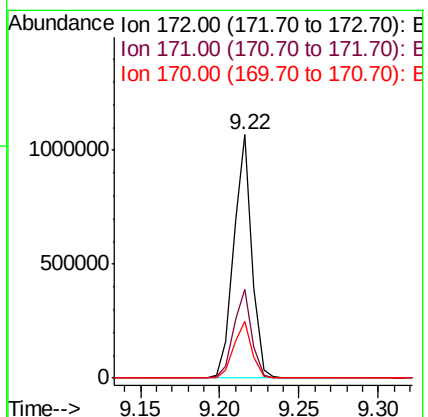
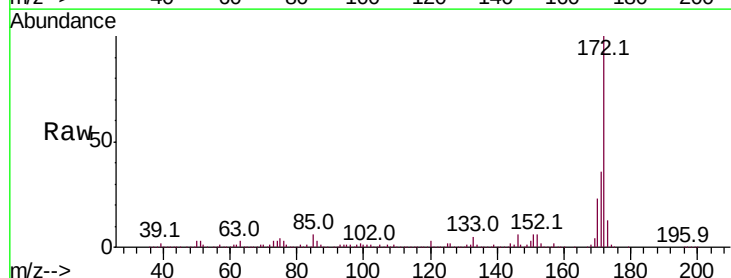
Sonali

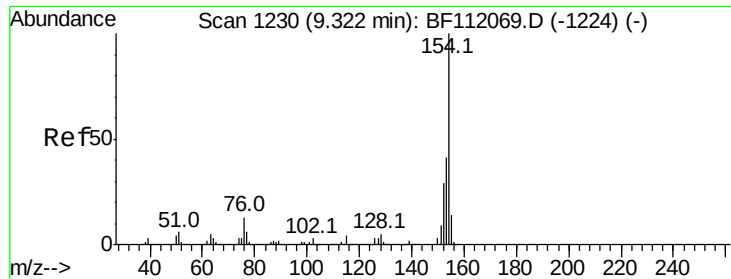
1/25/2019 10:05:30 AM



#45
 2-Fluorobiphenyl
 Concen: 41.649 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	845289		
171	36.2	30.5	45.7	
170	23.1	20.2	30.4	





#46

1,1'-Biphenyl

Concen: 18.442 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

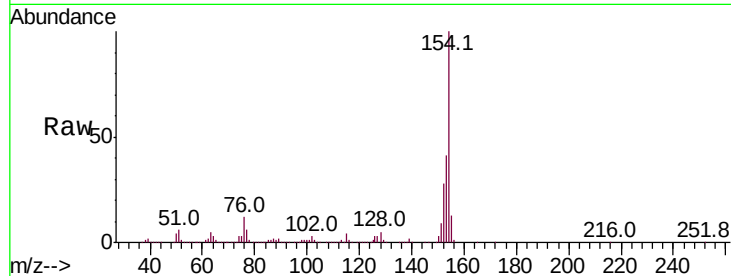
TS-VMDS

Tot Ion:	154	Resp:	458836
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.5	61.5
76	12.3	0.0	33.1

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1/25/2019 10:05:30 AM

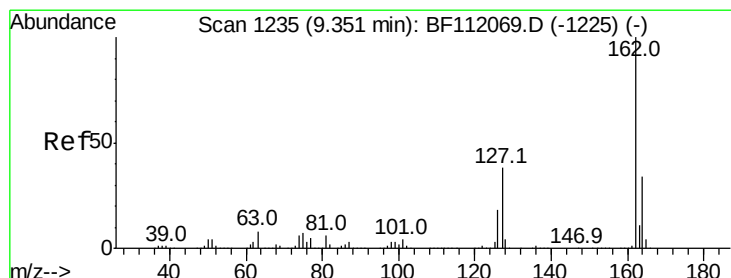
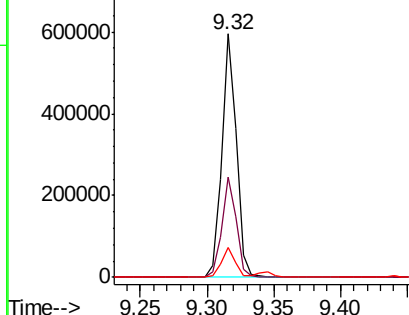
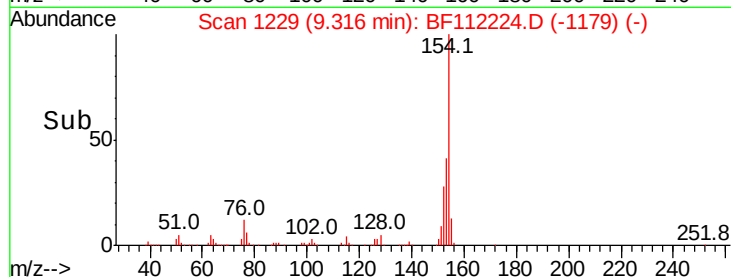


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 17.258 ng

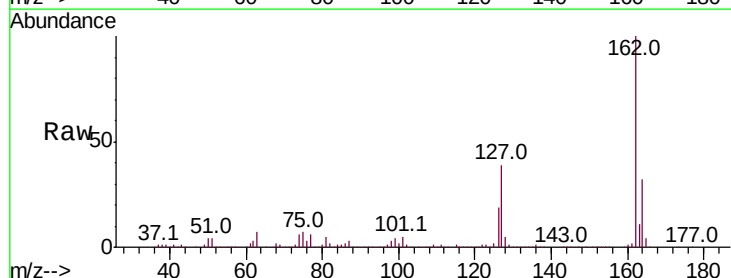
RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	162	Resp:	336118
Ion Ratio	Lower	Upper	
162	100		
127	39.1	30.4	45.6
164	32.3	27.4	41.2

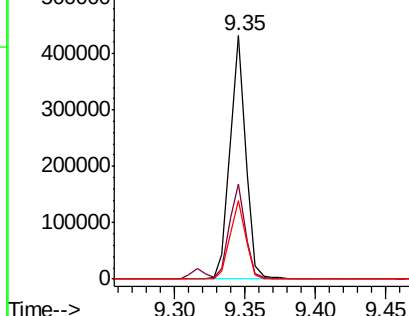
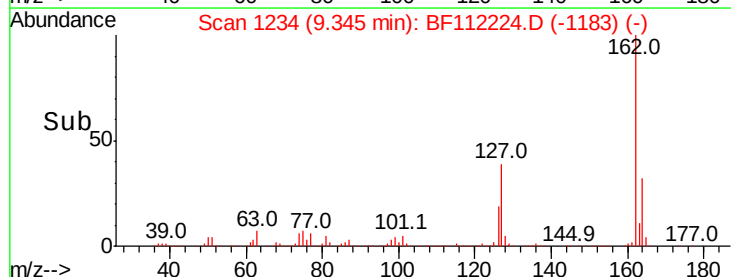


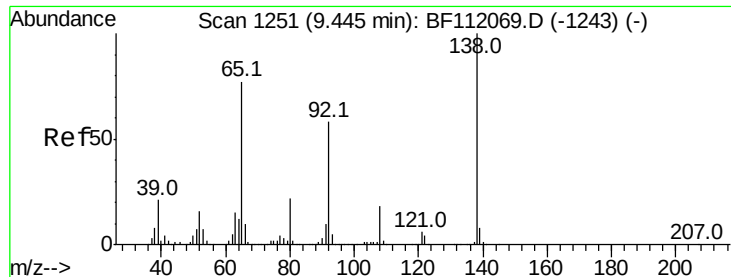
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48
2-Nitroaniline
Concen: 23.293 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

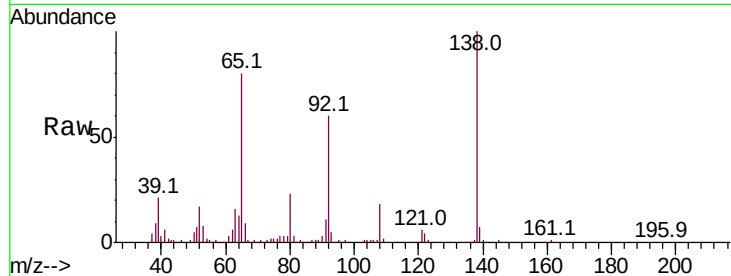
Instrument :
BNA_F
ClientSampleId :
TS-VMDS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.3	60.4	90.6
138	125.6	104.4	156.6

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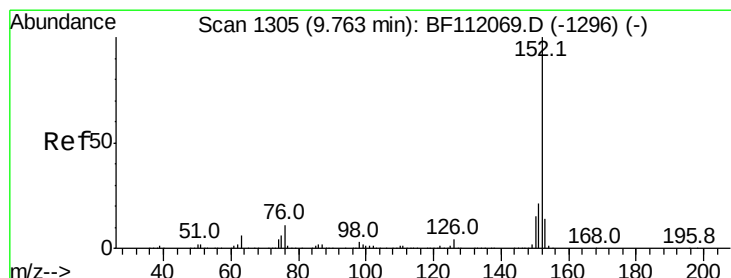
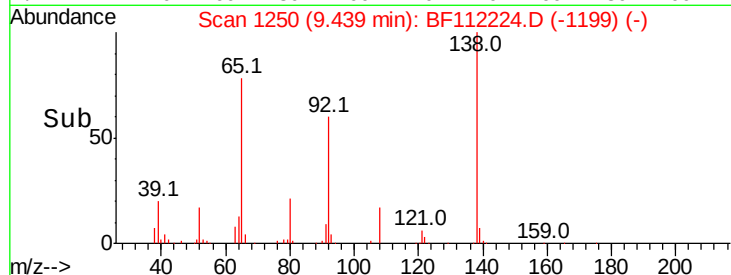
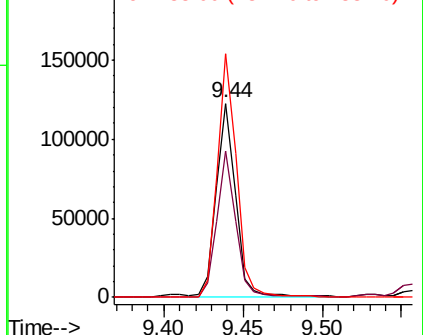


Abundance

Ion 65.00 (64.70 to 65.70): BF1

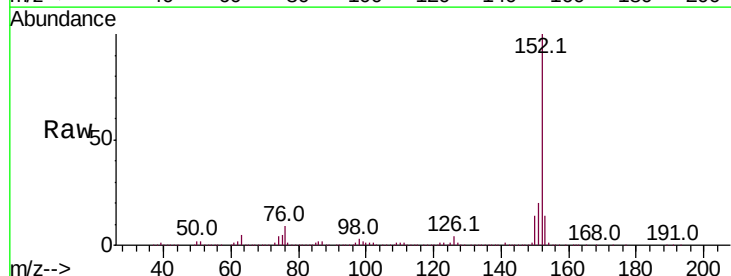
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49
Acenaphthylene
Concen: 18.414 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.6
153	13.6	11.2	16.8

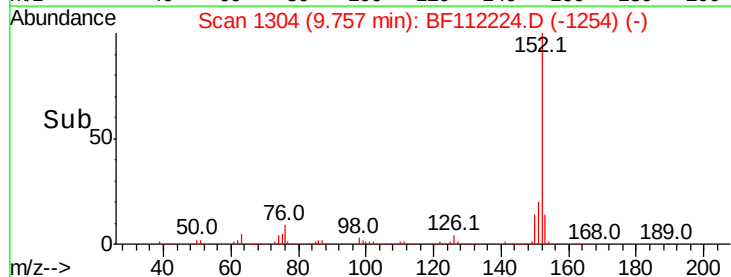
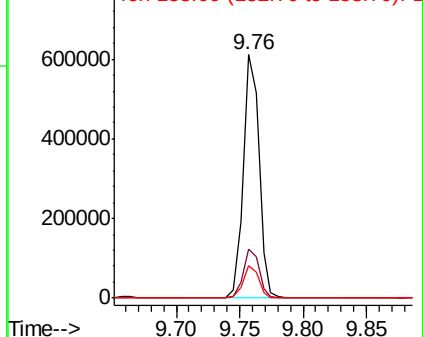


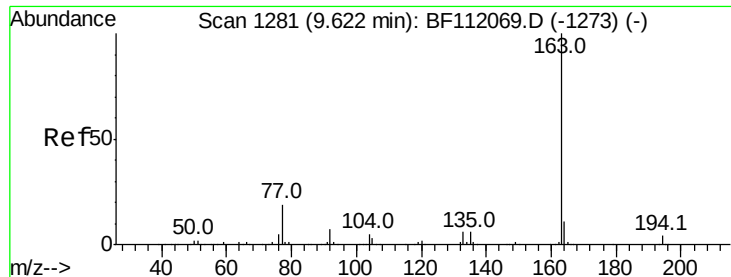
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50
 Dimethylphthalate
 Concen: 24.687 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

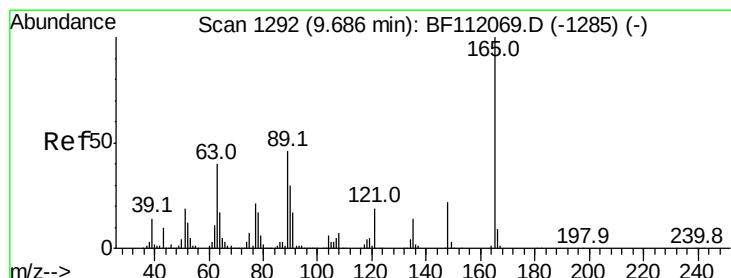
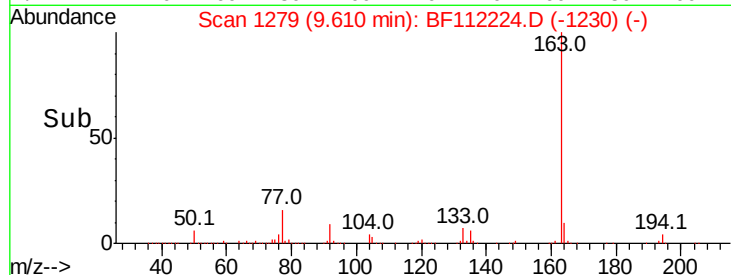
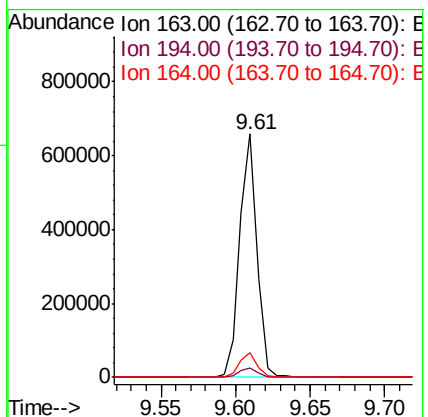
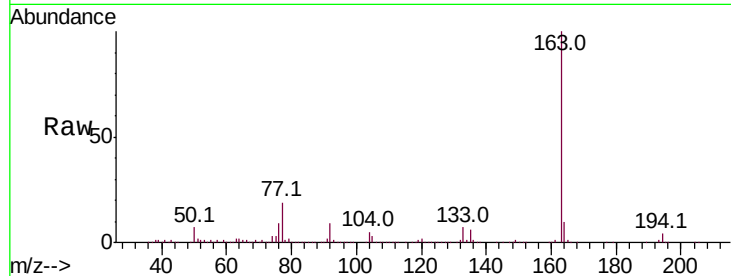
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.3	4.9	
164	10.2	8.5	12.7	

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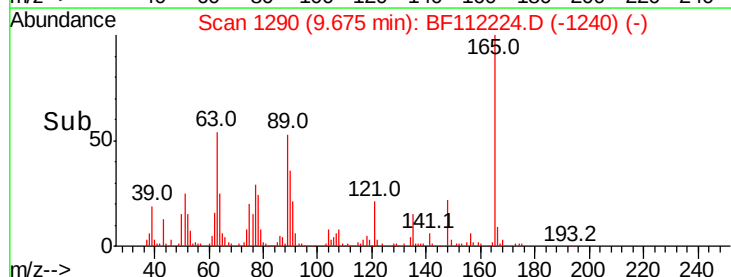
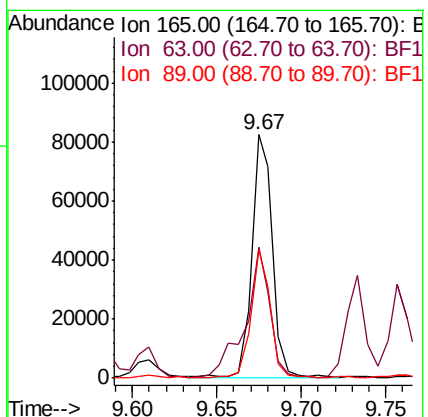
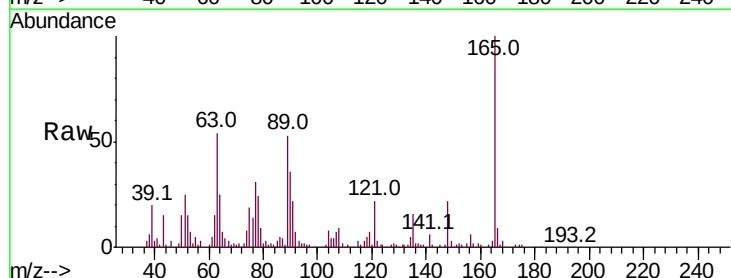
Sonali

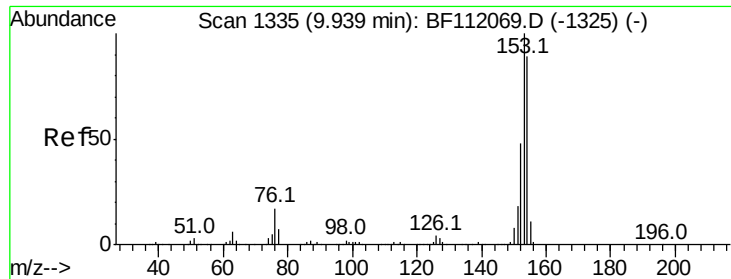
1/25/2019 10:05:30 AM



#51
 2,6-Dinitrotoluene
 Concen: 16.382 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.6	33.8	50.8#	
89	53.0	36.9	55.3	





#52

Acenaphthene

Concen: 17.623 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampled :

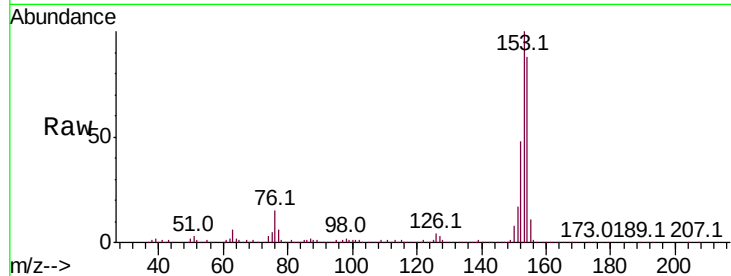
TS-VMDS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.6
152	54.0	43.5	65.3

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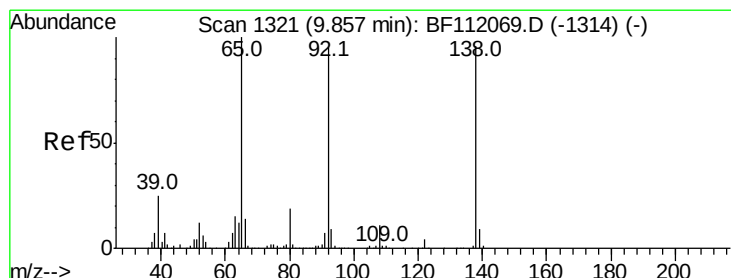
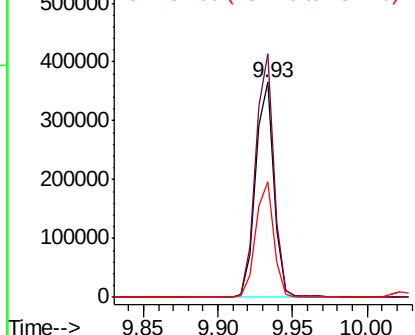
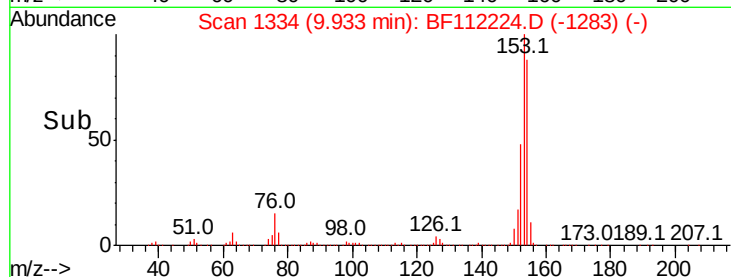


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 19.876 ng

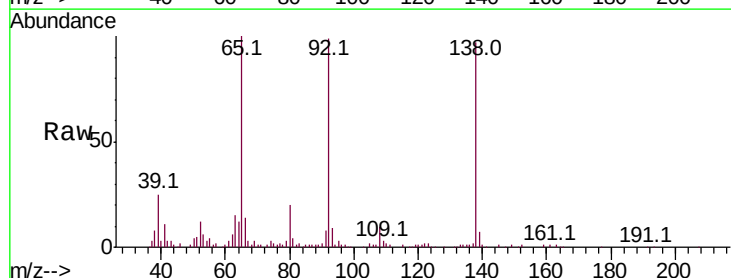
RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.8	14.6
92	101.2	79.4	119.2

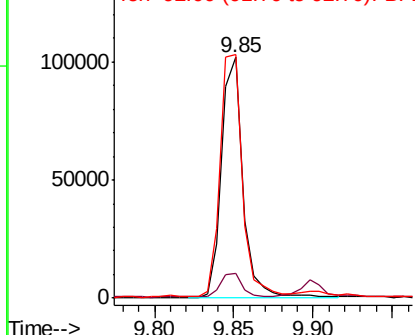
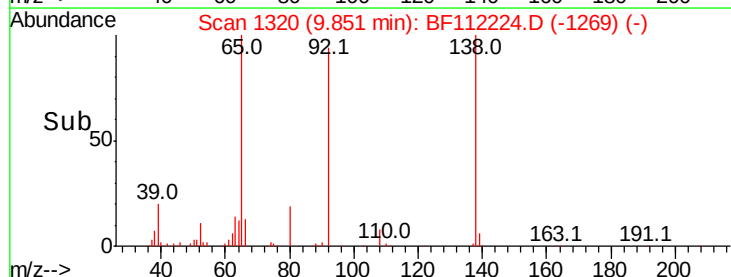


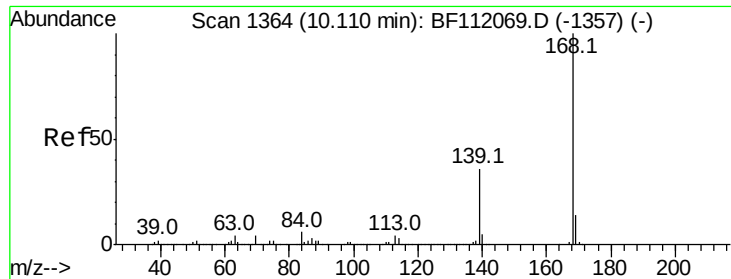
Abundance

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: 17.158 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

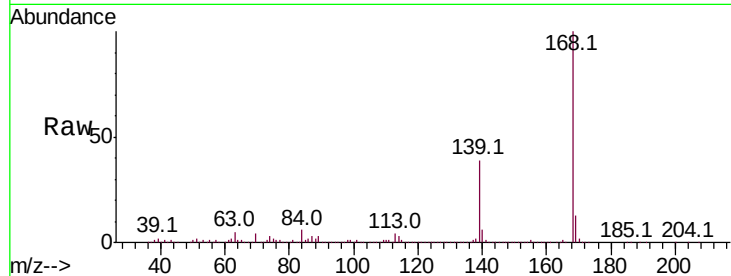
Instrument :
BNA_F
ClientSampleId :
TS-VMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.0	29.2	43.8	
169	13.0	11.4	17.0	

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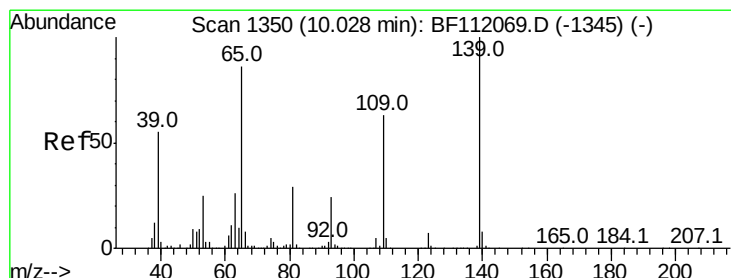
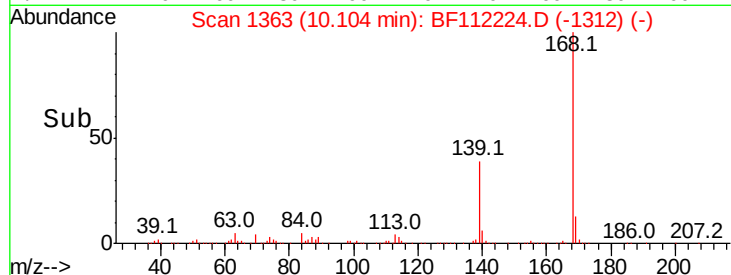
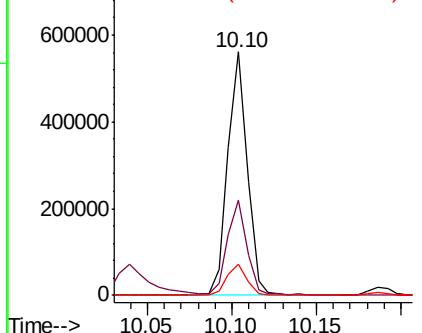


Abundance

Ion 168.00 (167.70 to 168.70): E

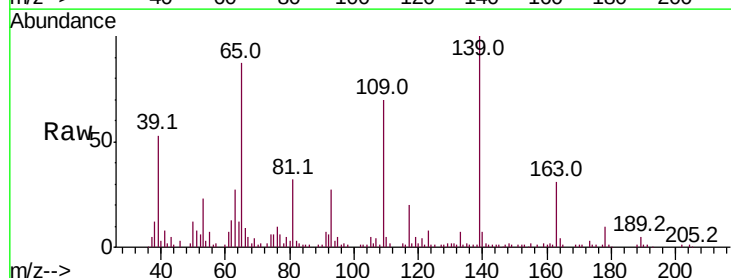
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 30.751 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.0	42.8	82.8	
65	86.7	66.1	106.1	

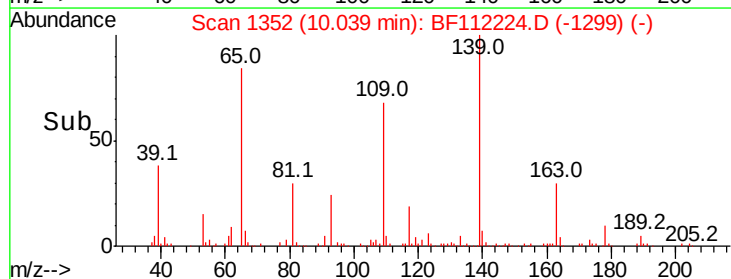
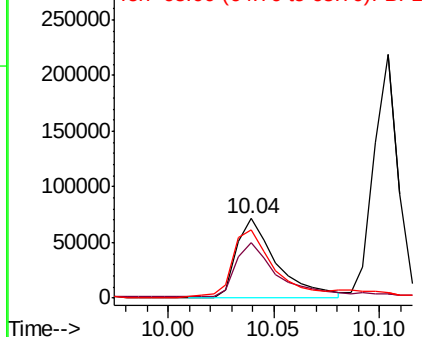


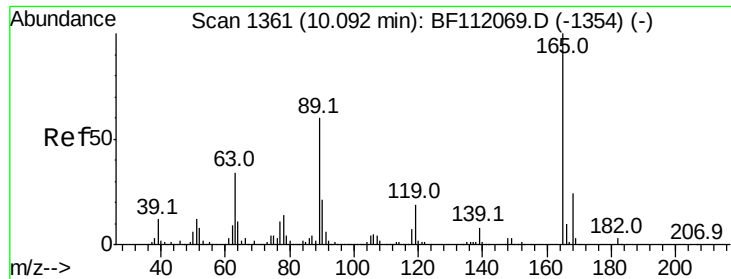
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57
2,4-Dinitrotoluene
Concen: 16.464 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

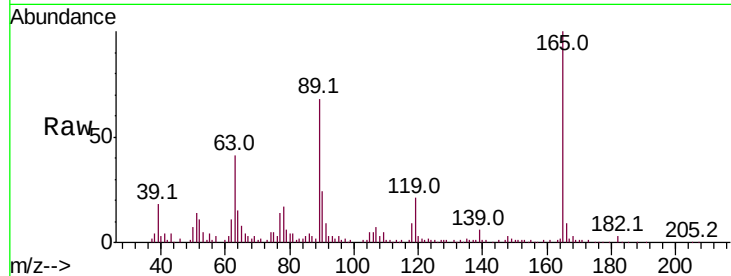
Instrument :
BNA_F
ClientSampleId :
TS-VM5D

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.0	27.9	41.9
89	67.9	47.9	71.9
182	3.3	2.2	3.4

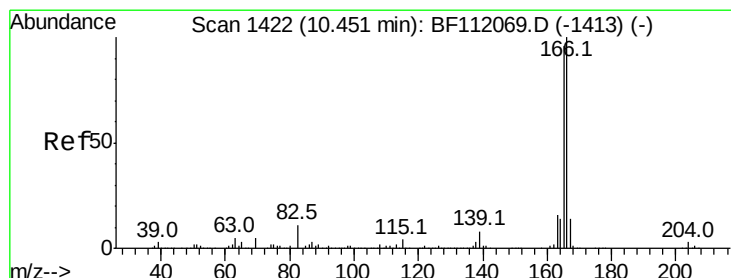
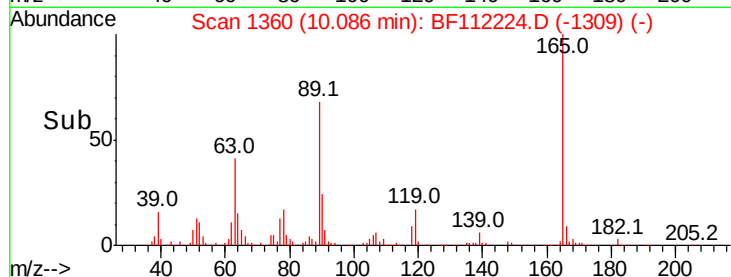
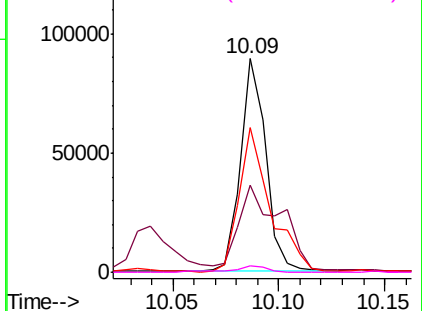
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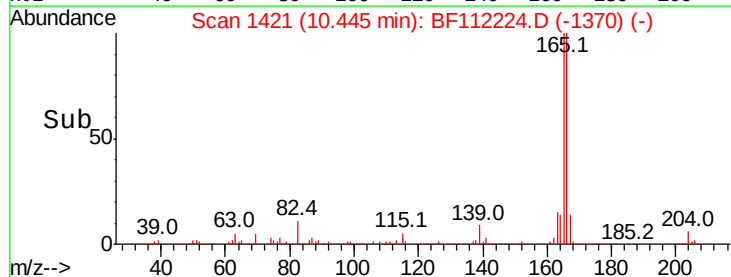
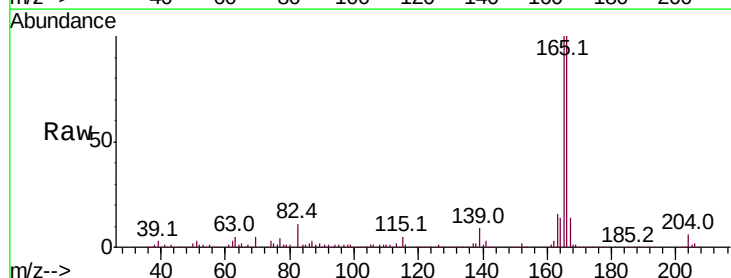
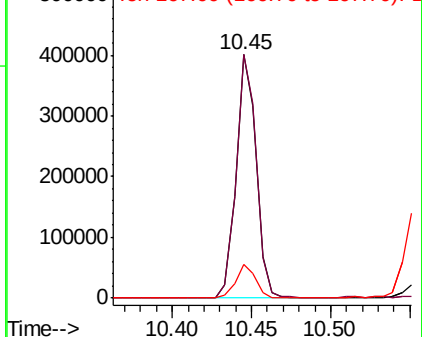
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

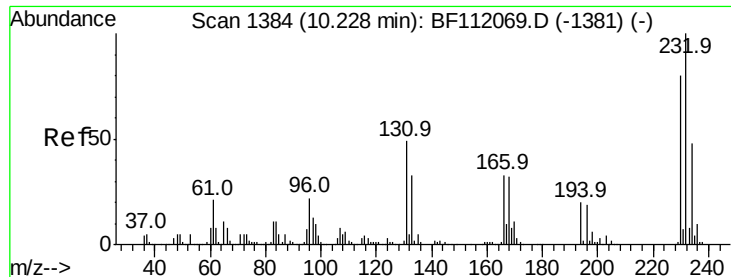


#58
Fluorene
Concen: 17.784 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.1	115.7
167	13.8	11.3	16.9

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





#59
2,3,4,6-Tetrachlorophenol
Concen: 16.957 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

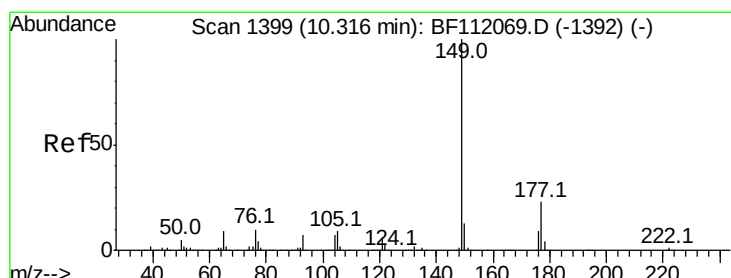
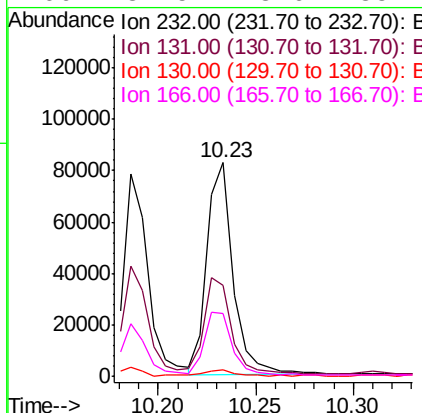
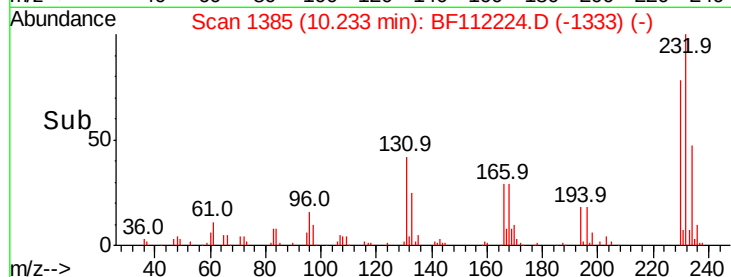
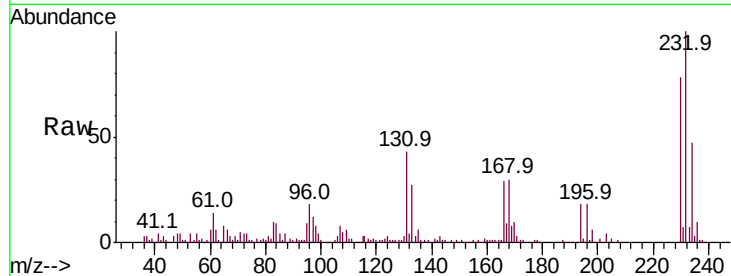
Instrument :
BNA_F
ClientSampled :
TS-VM5D

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	33.9	50.9
130	3.4	1.8	2.6
166	31.5	23.6	35.4

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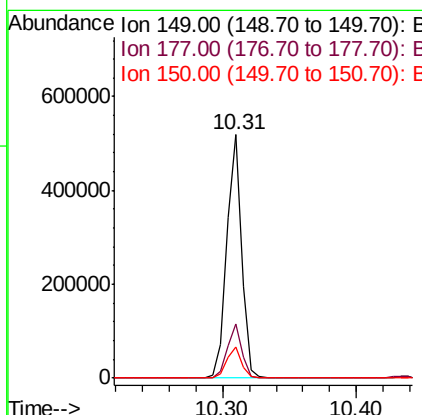
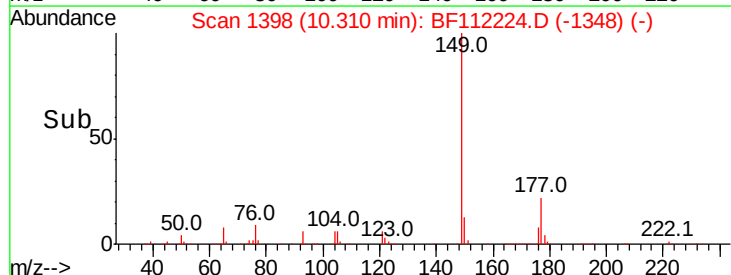
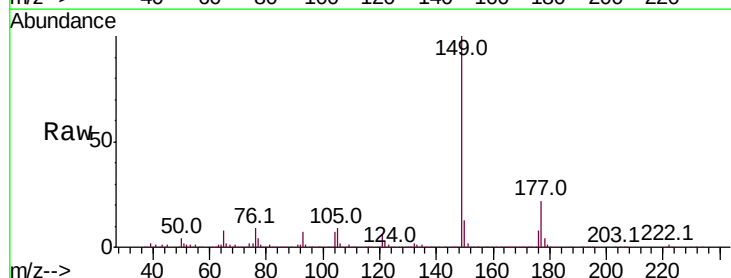
Sonali

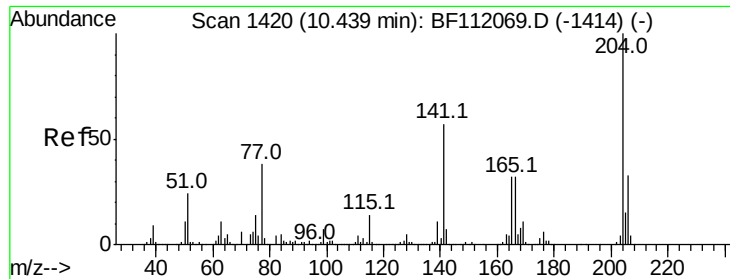
1/25/2019 10:05:30 AM



#60
Diethylphthalate
Concen: 19.302 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.9	10.4	15.6





#61
 4-Chlorophenyl-phenylether
 Concen: 16.241 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

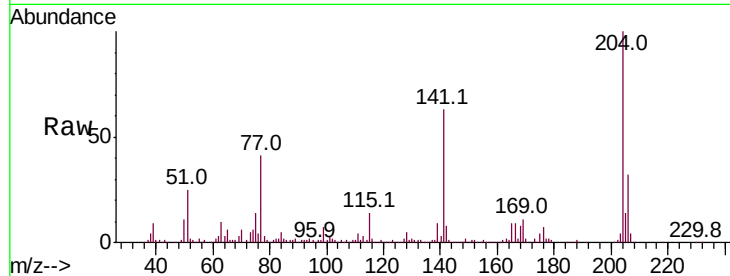
Instrument :
 BNA_F
 ClientSampled :
 TS-VMDS

Tot Ion:	204	Resp:	172184
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.5	39.7
141	62.6	45.9	68.9

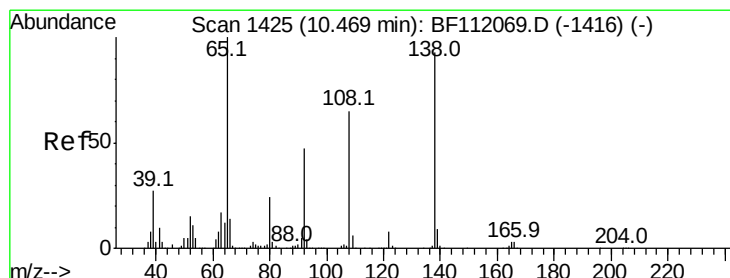
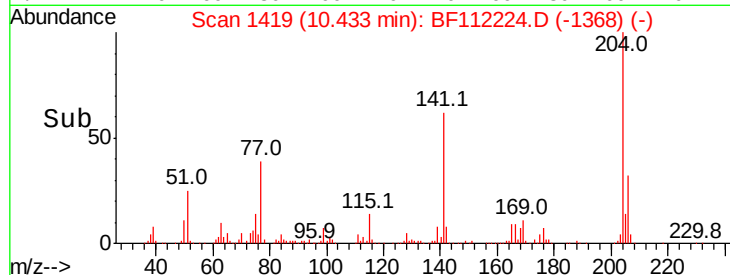
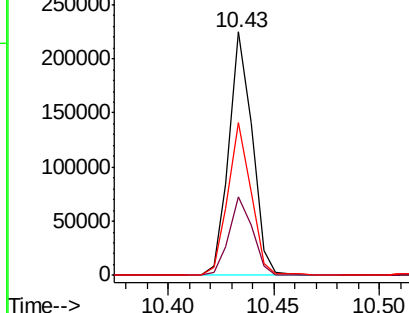
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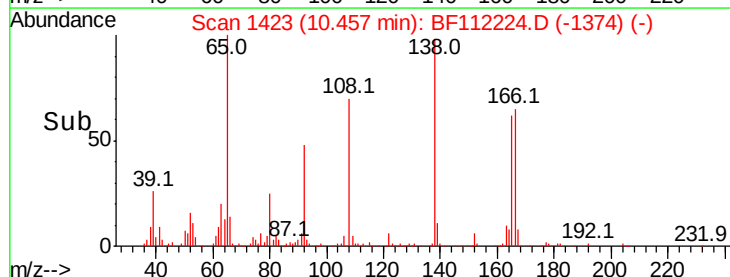
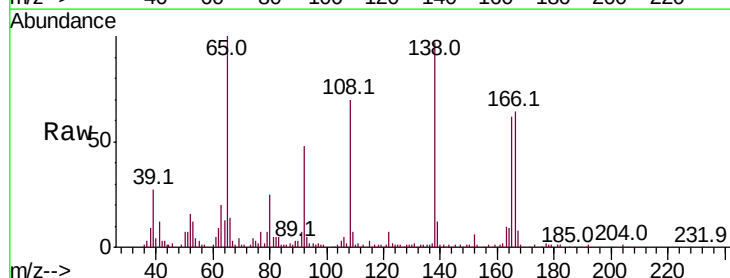
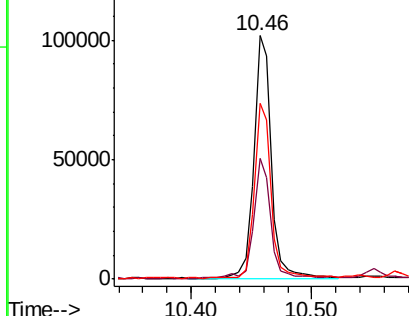
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

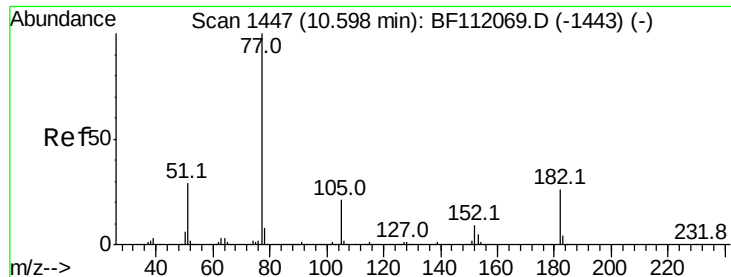


#62
 4-Nitroaniline
 Concen: 21.773 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion:	138	Resp:	104774
Ion Ratio	Lower	Upper	
138	100		
92	49.4	30.6	70.6
108	72.1	50.0	90.0

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





#63
Azobenzene
Concen: 14.172 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

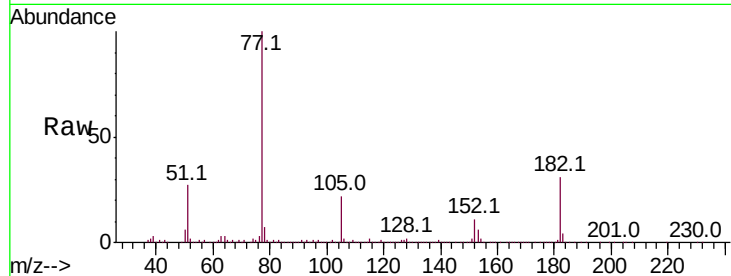
Instrument :
BNA_F
ClientSampleId :
TS-VMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.1	5.7	45.7
105	22.4	1.4	41.4
51	26.8	9.5	49.5

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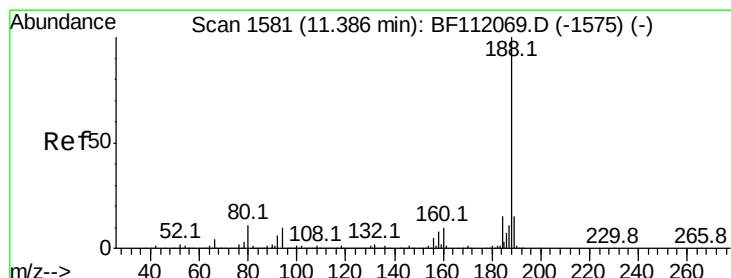
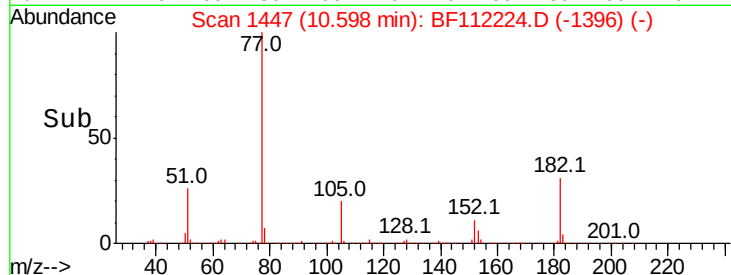
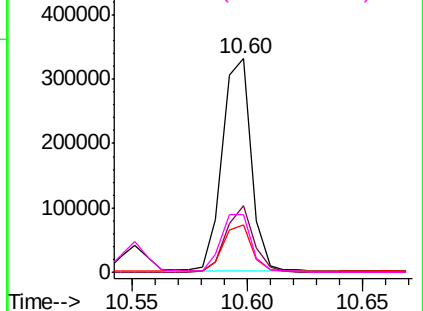
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

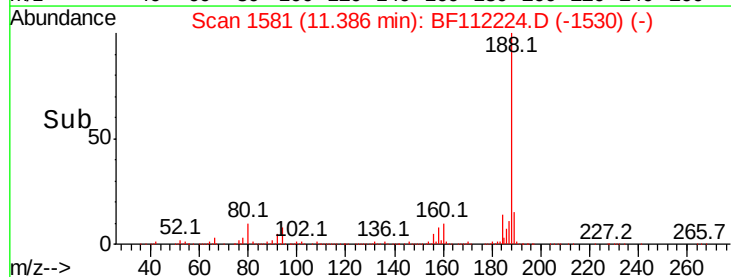
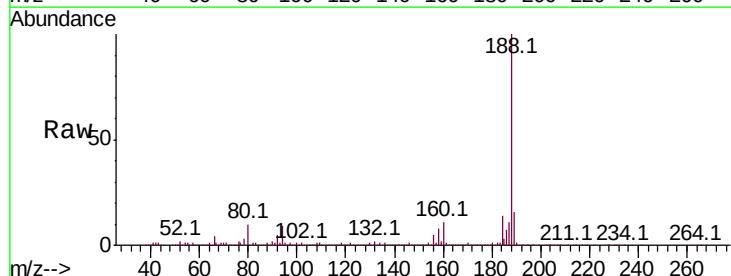
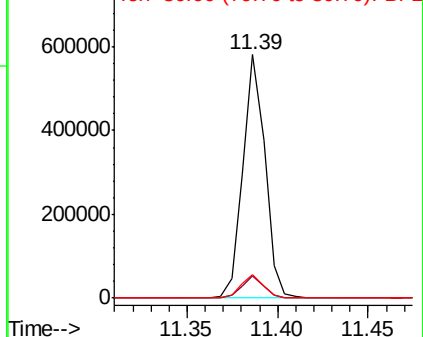
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.7	8.9	13.3

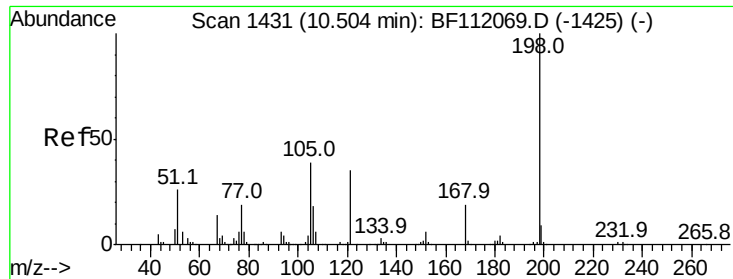
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.146 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

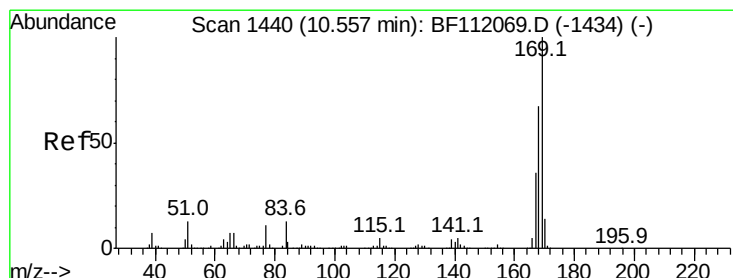
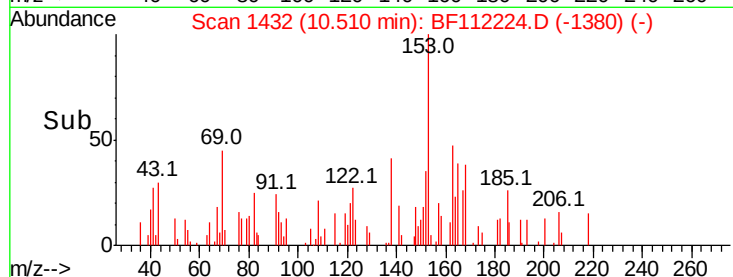
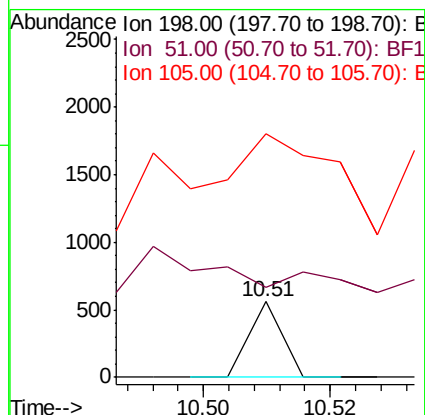
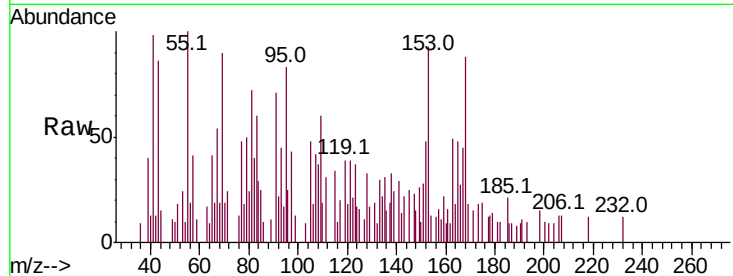
TS-VMSS

Tot Ion:	198	Resp:	198
Ion Ratio	Lower	Upper	
198	100		
51	119.3	17.2	57.2#
105	321.8	21.9	61.9#

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#66

n-Nitrosodiphenylamine

Concen: 18.699 ng

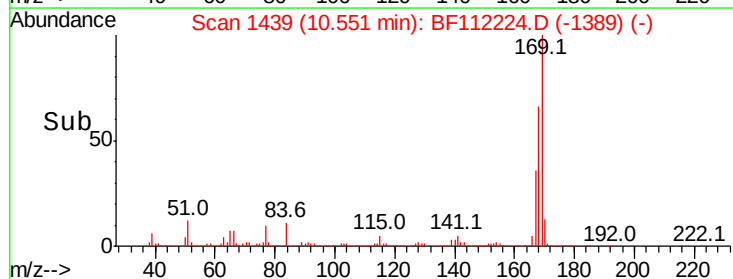
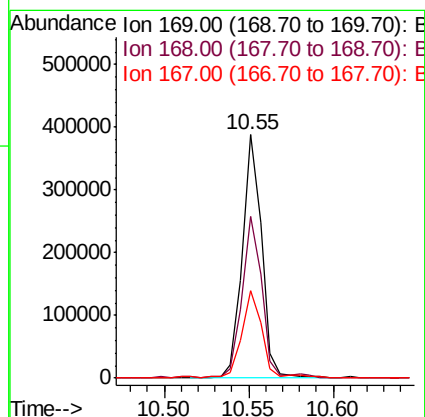
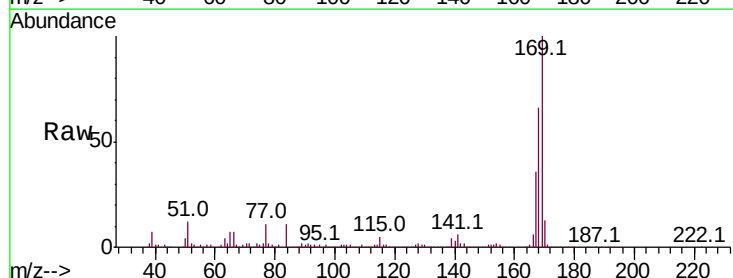
RT: 10.55 min Scan# 1439

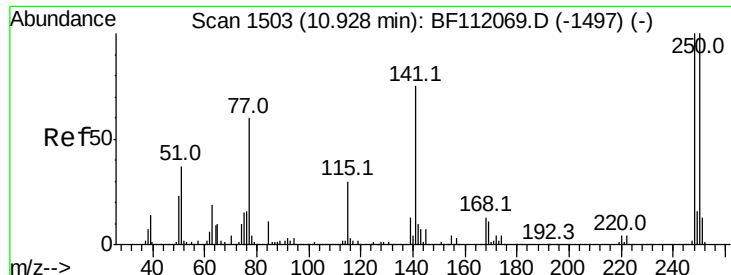
Delta R.T. -0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	169	Resp:	305537
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.9	80.9
167	35.8	28.9	43.3





#67
 4-Bromophenyl-phenylether
 Concen: 17.186 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

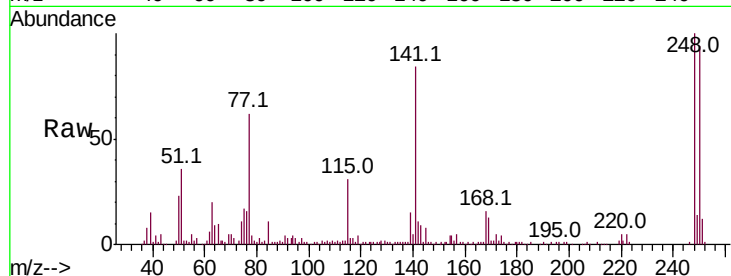
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	79.7	119.5
141	84.4	60.3	90.5

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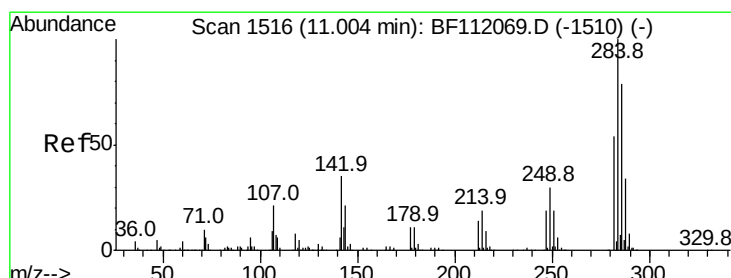
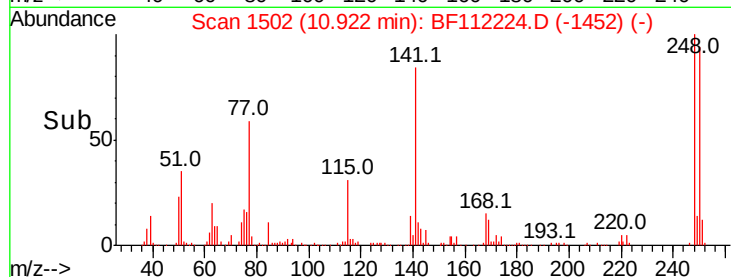
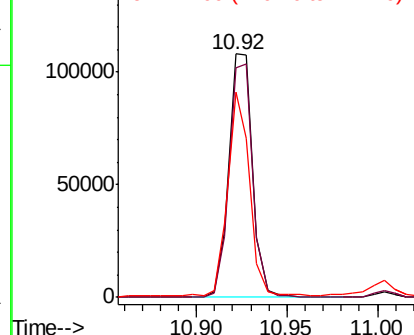


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 16.136 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

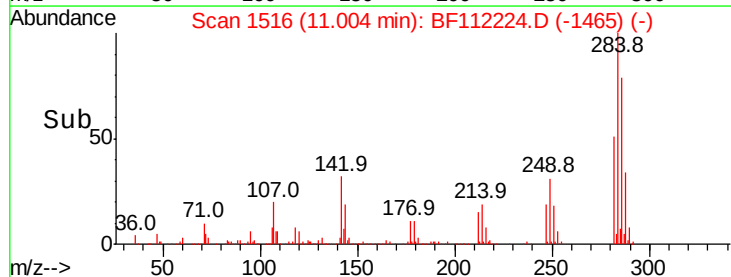
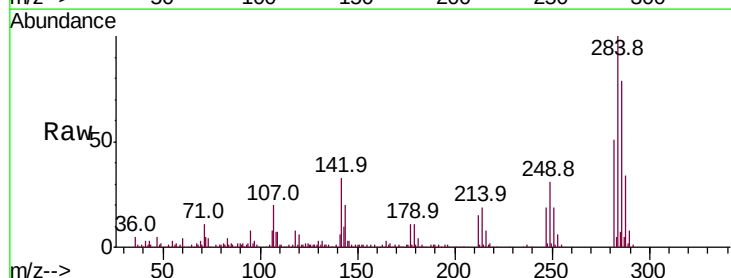
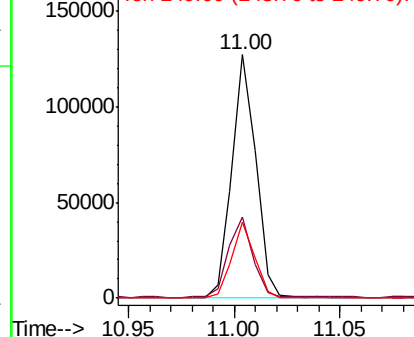
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	27.6	41.4
249	31.1	24.1	36.1

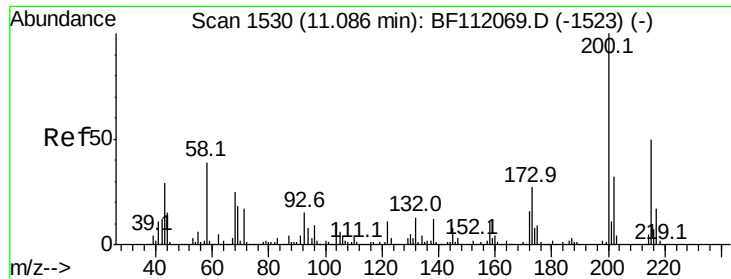
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69
Atrazine
Concen: 17.905 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

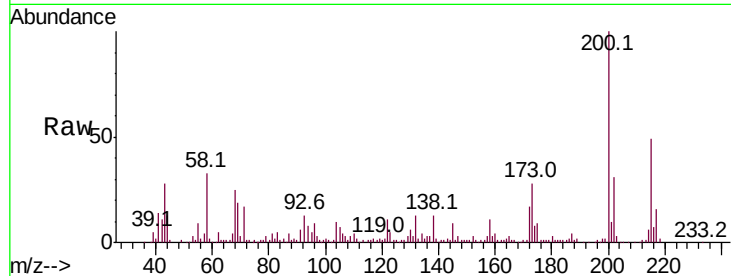
Instrument :
BNA_F
ClientSampleId :
TS-VMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.1	47.1
215	49.1	30.4	70.4

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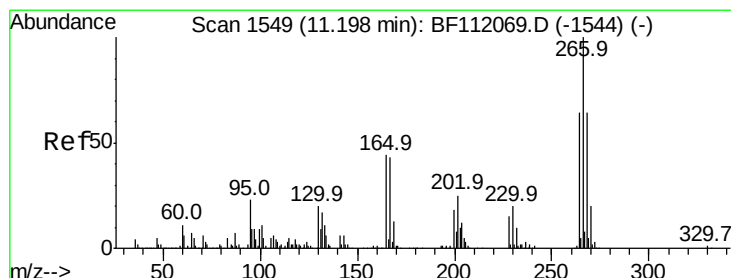
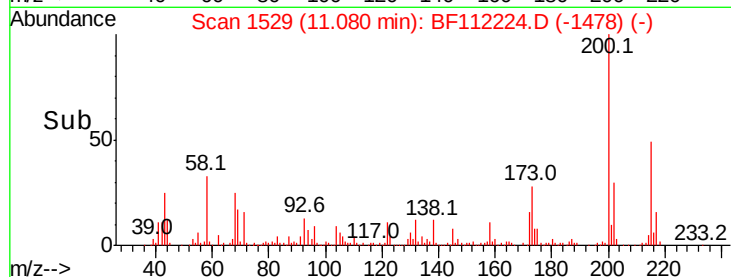
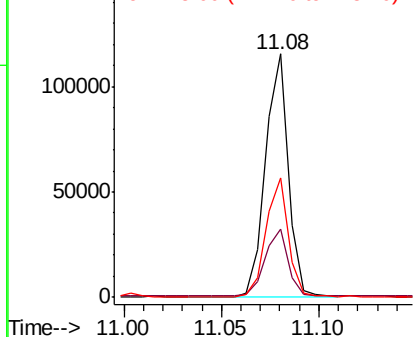


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 25.757 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

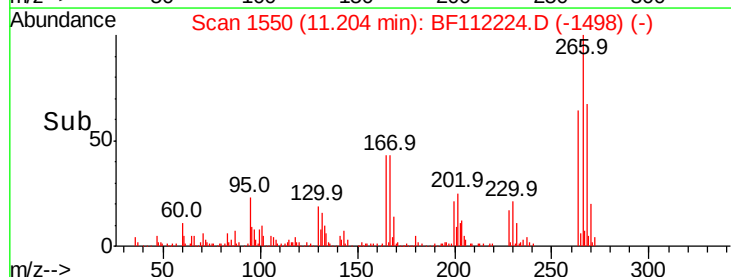
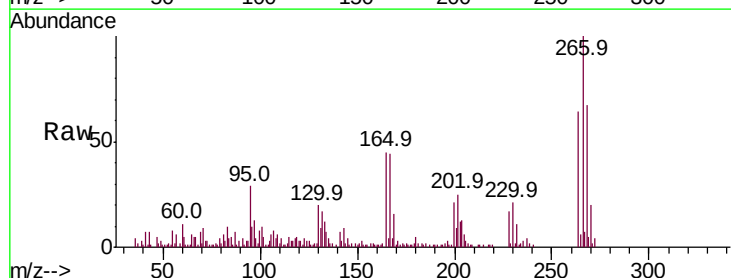
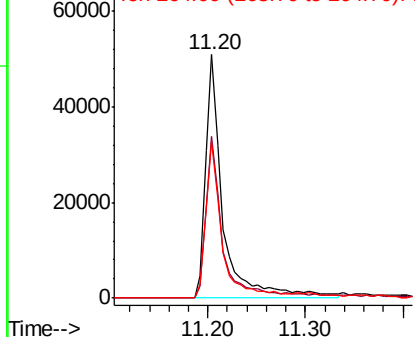
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	51.2	76.8
264	64.3	50.9	76.3

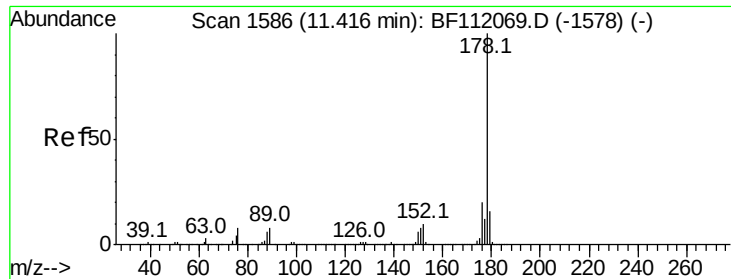
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 26.279 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

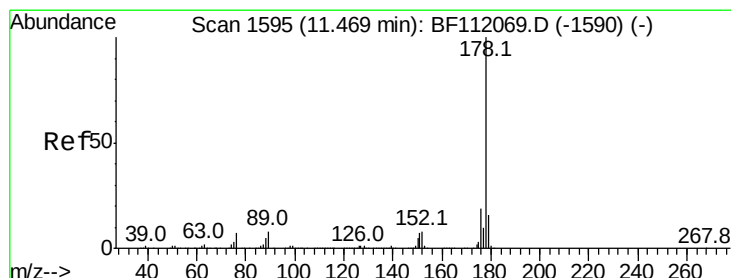
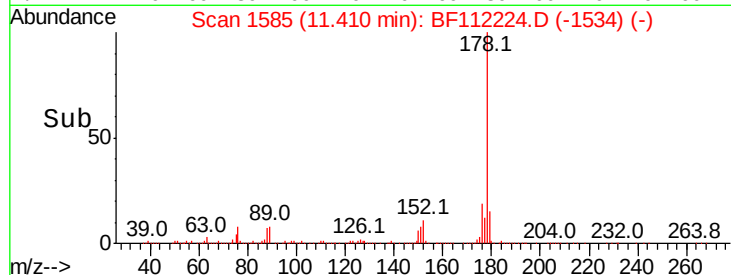
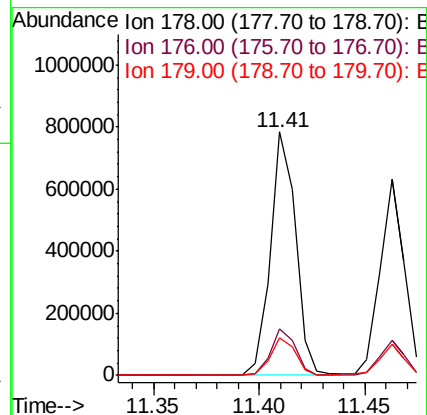
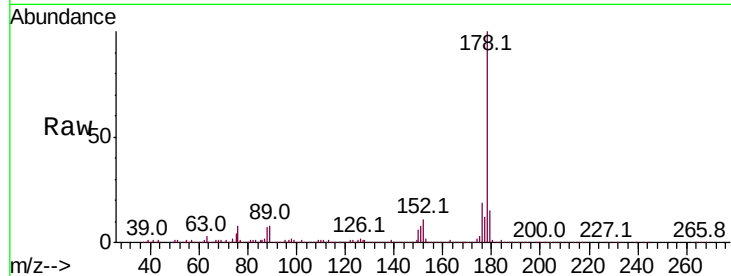
TS-VM5D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.5	13.0	19.4

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#72

Anthracene

Concen: 20.420 ng

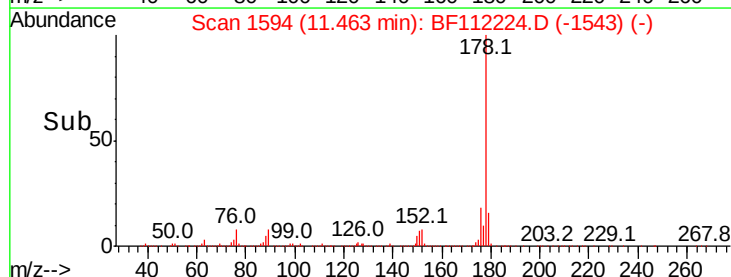
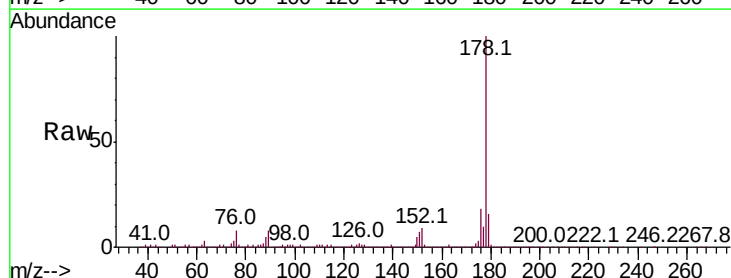
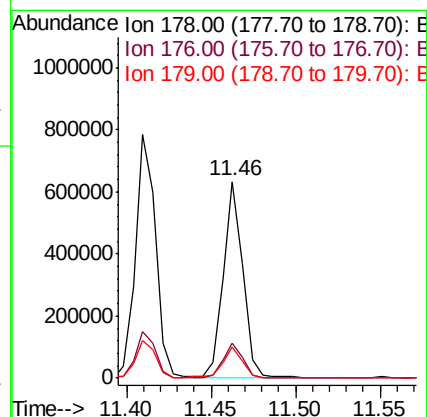
RT: 11.46 min Scan# 1594

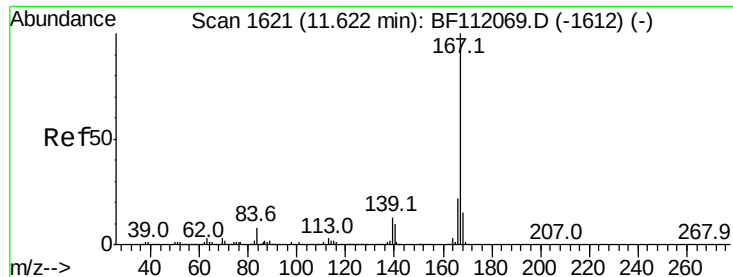
Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	15.7	12.8	19.2





#73

Carbazole

Concen: 17.753 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

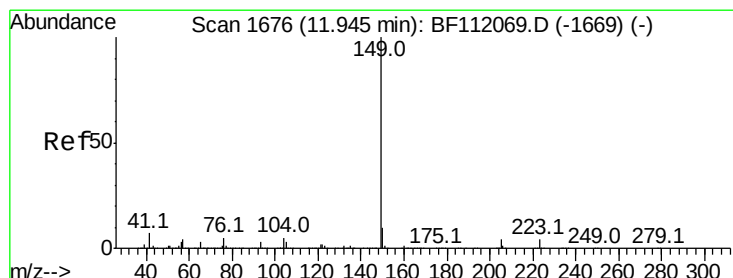
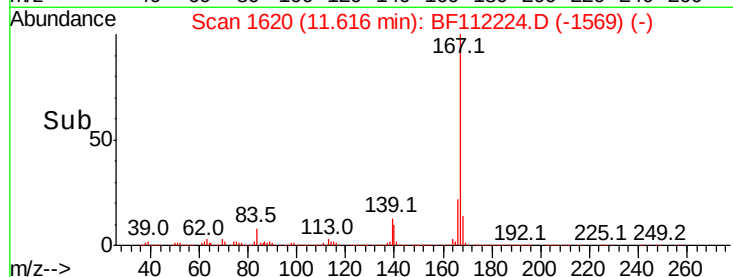
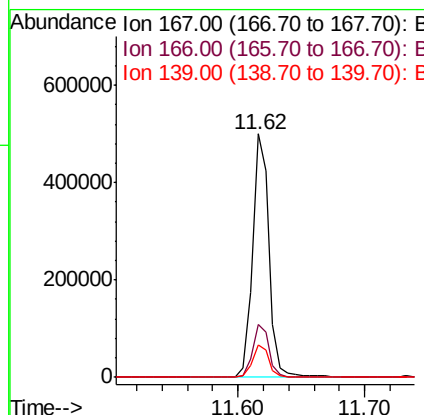
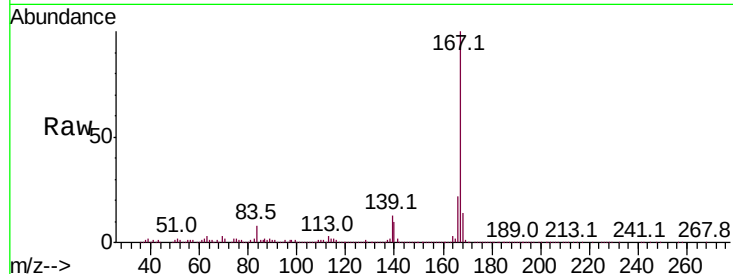
TS-VMSSD

Tot Ion:	167	Resp:	448104
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.9	26.9
139	13.2	10.2	15.2

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1/25/2019 10:05:30 AM



#74

Di-n-butylphthalate

Concen: 19.743 ng

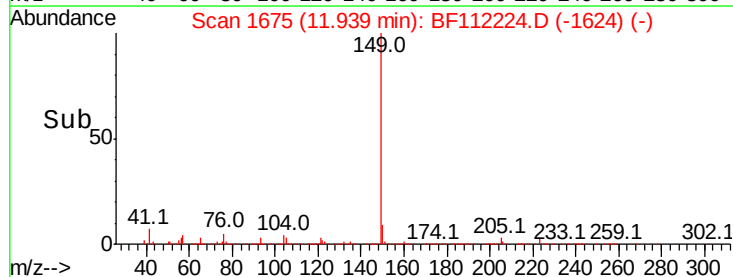
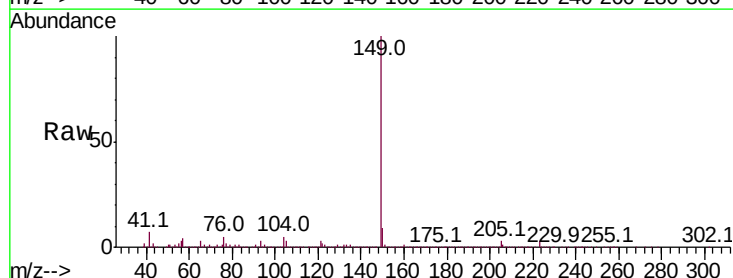
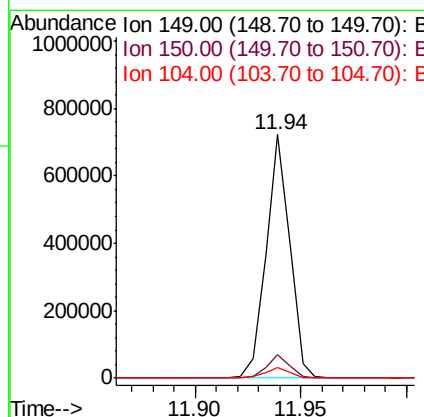
RT: 11.94 min Scan# 1675

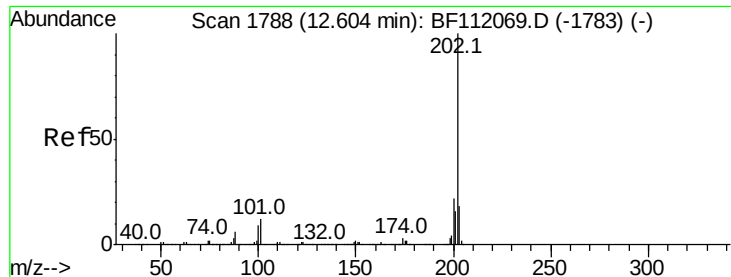
Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	149	Resp:	560573
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.1	12.1
104	4.5	3.9	5.9





#75

Fluoranthene

Concen: 30.312 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

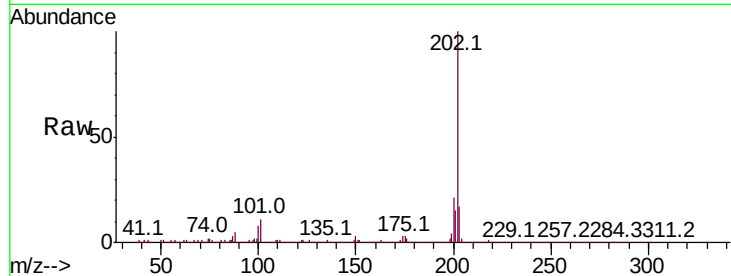
TS-VM5D

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.0	0.0	31.8	
203	17.2	0.0	38.4	

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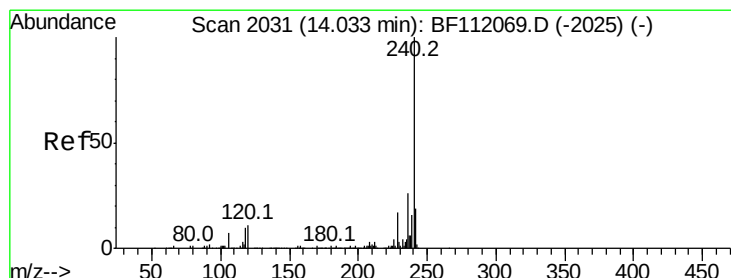
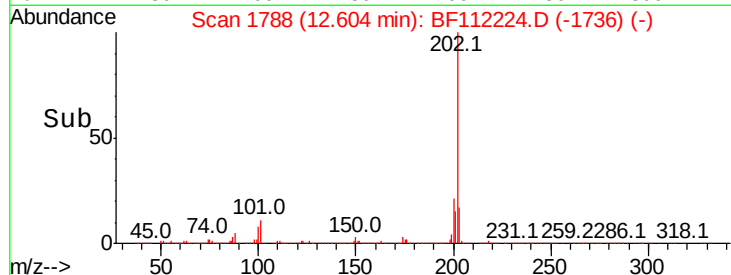
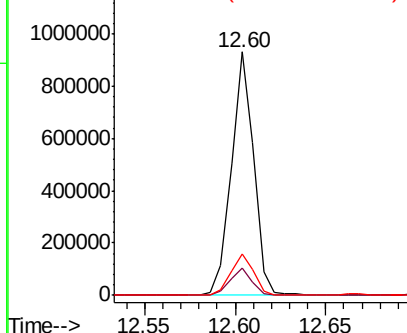


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

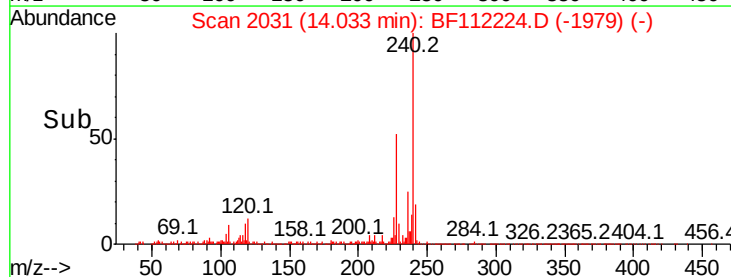
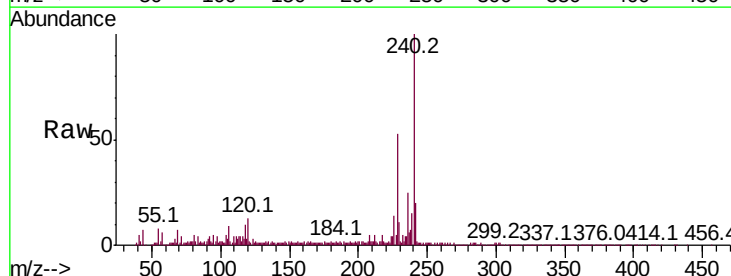
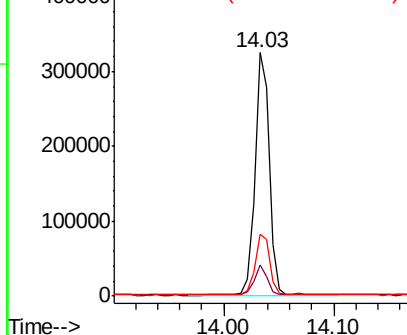
Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.7	9.0	13.6	
236	25.4	20.7	31.1	

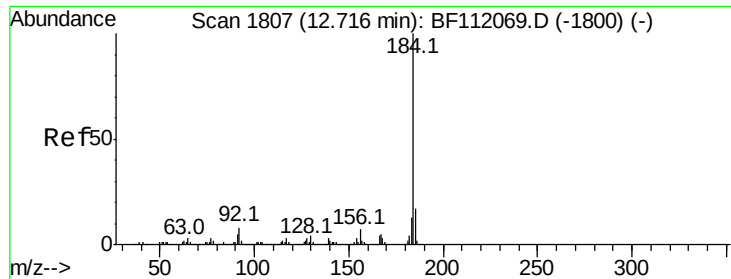
Abundance

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: 5.512 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

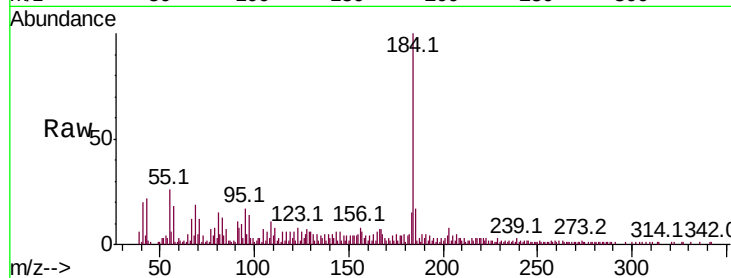
TS-VMSS

Tot Ion:	184	Resp:	54111
Ion Ratio	Lower	Upper	
184	100		
185	16.5	13.9	20.9
183	14.6	10.0	15.0

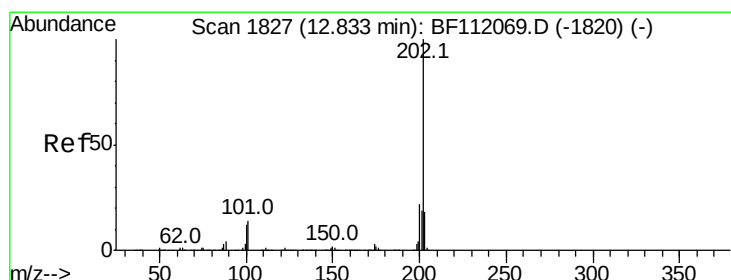
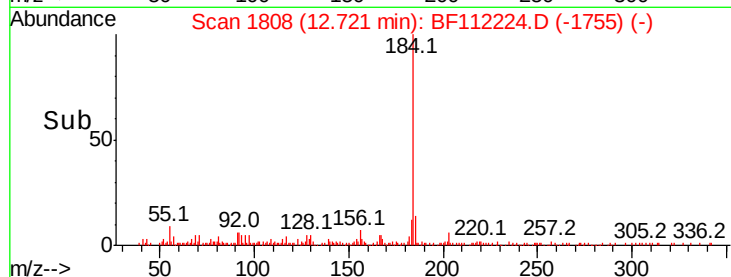
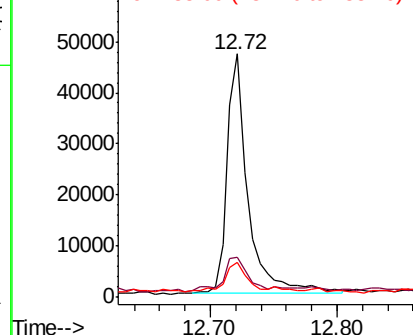
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.155 ng

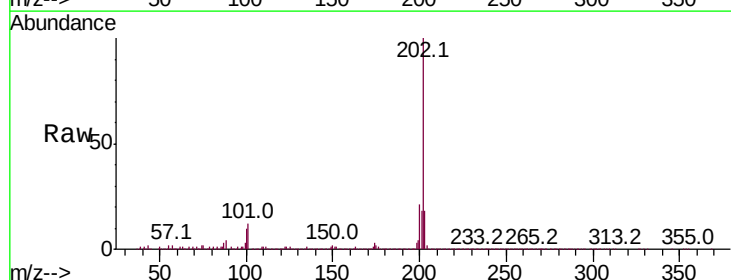
RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

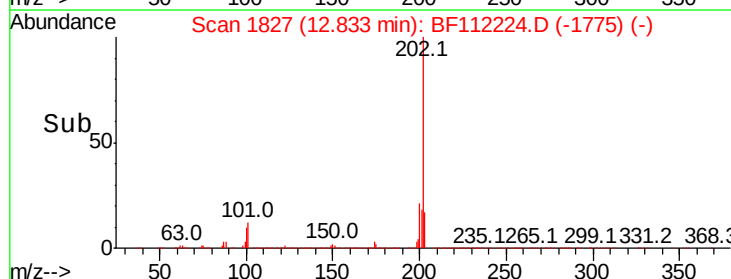
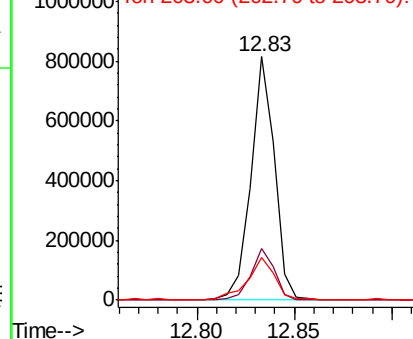
Lab File: BF112224.D

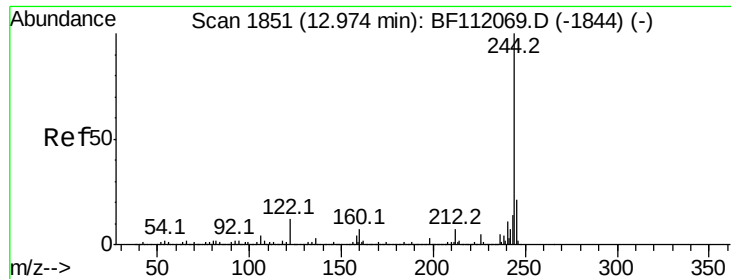
Acq: 24 Jan 2019 22:19

Tgt Ion:	202	Resp:	682427
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	17.7	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 46.161 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

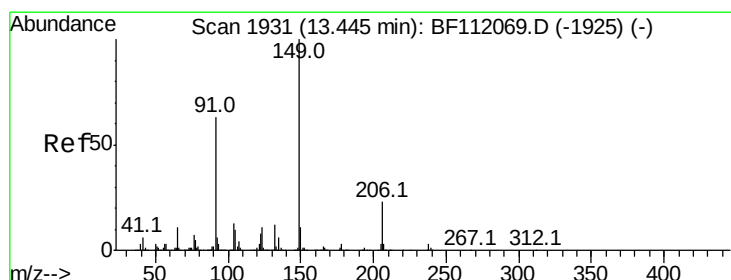
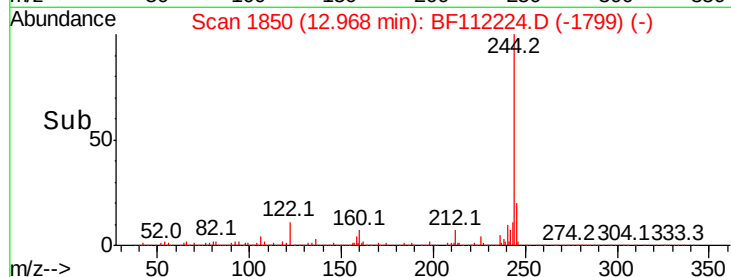
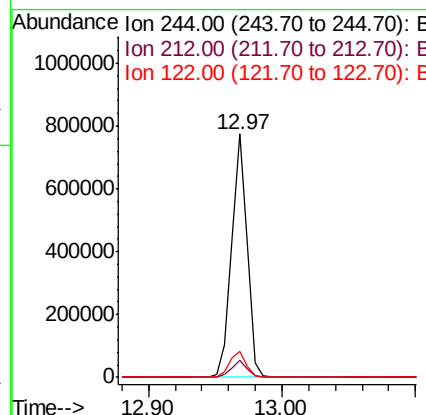
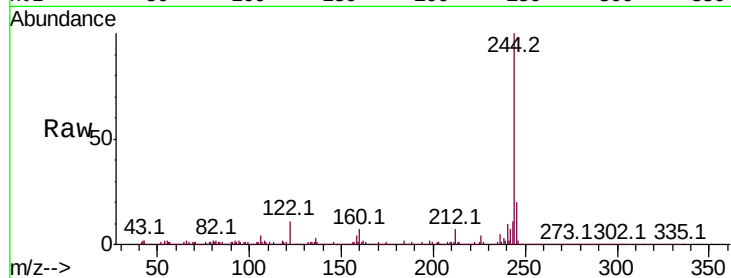
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMSSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.7	9.8	14.6

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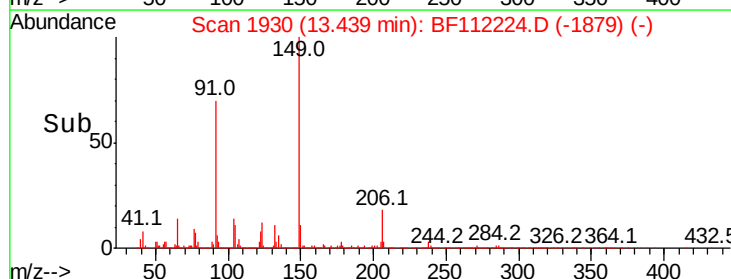
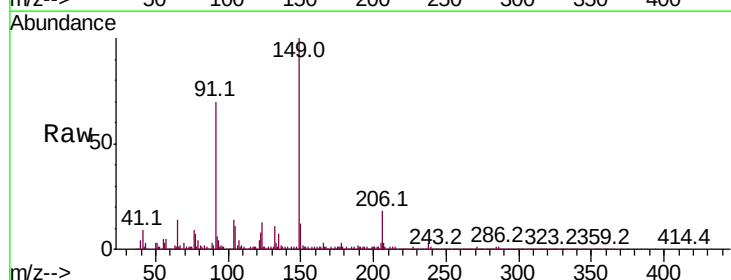
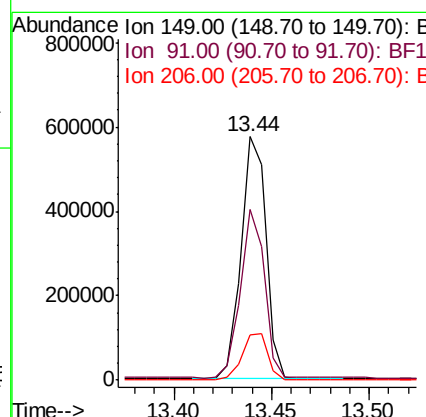
Sonali

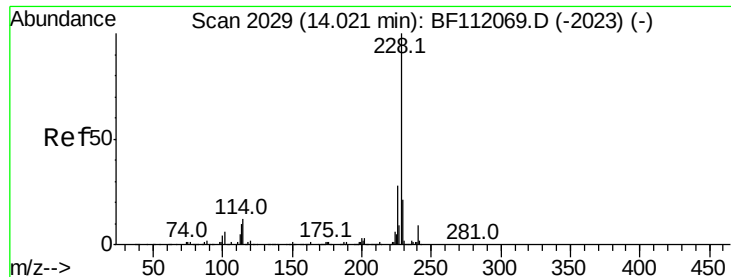
1/25/2019 10:05:30 AM



#80
 Butylbenzylphthalate
 Concen: 59.520 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF112224.D
 Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	50.3	75.5
206	18.3	18.2	27.4





#81

Benzo(a)anthracene

Concen: 23.315 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampled :

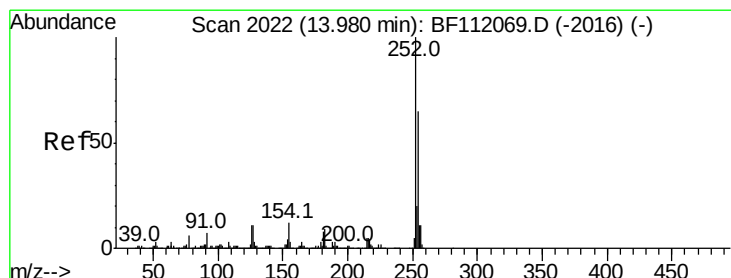
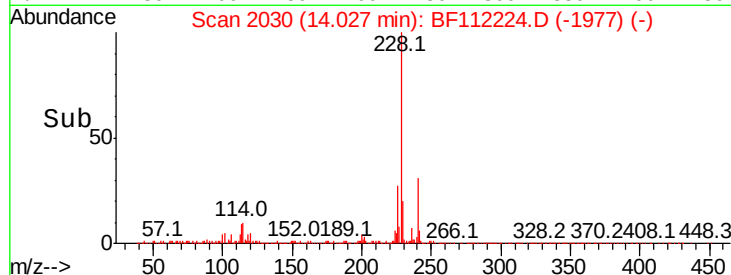
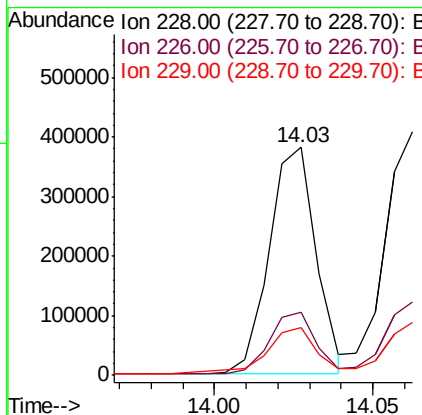
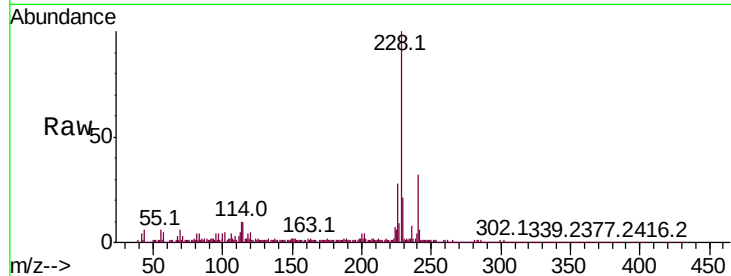
TS-VMSD

Tot Ion:	228	Resp:	393325
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	34.0
229	20.7	16.5	24.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 9.734 ng

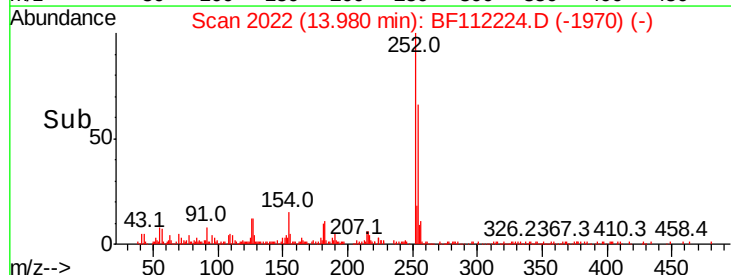
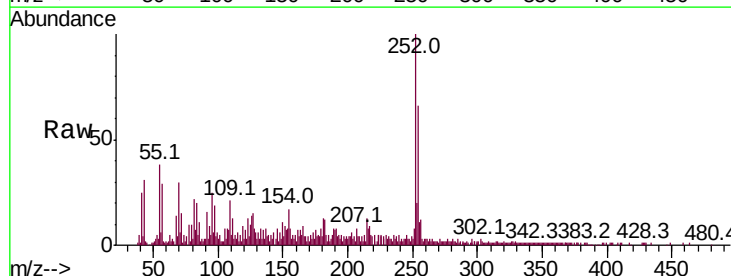
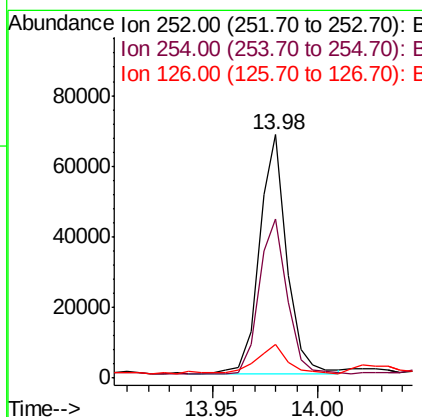
RT: 13.98 min Scan# 2022

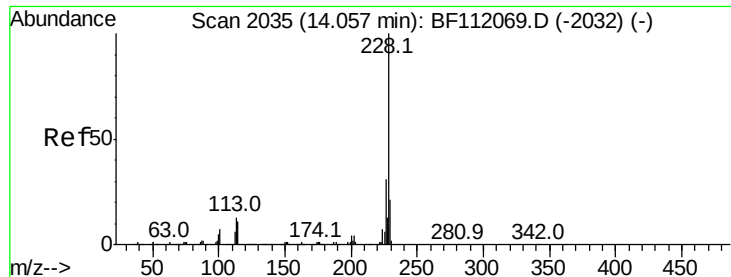
Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	252	Resp:	61497
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.6	77.4
126	13.8	8.6	12.8#





#83

Chrysene

Concen: 23.565 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

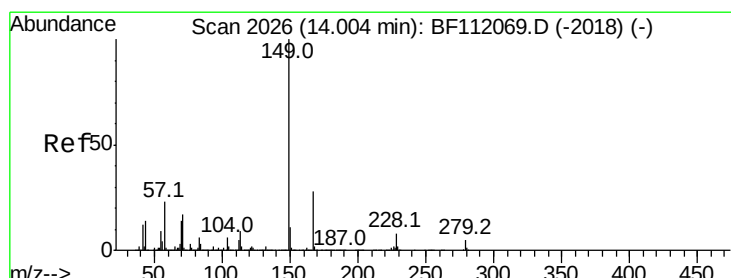
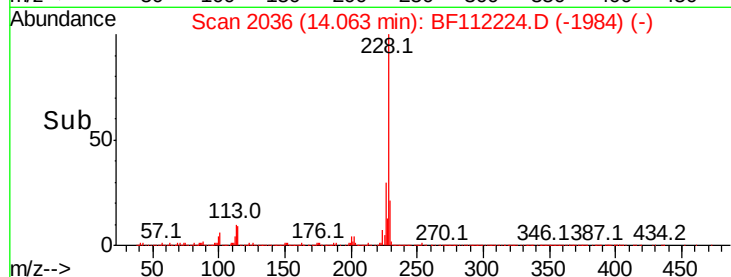
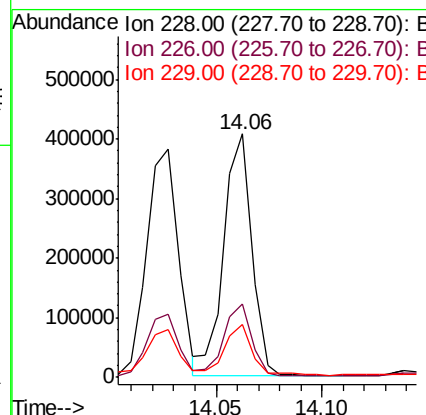
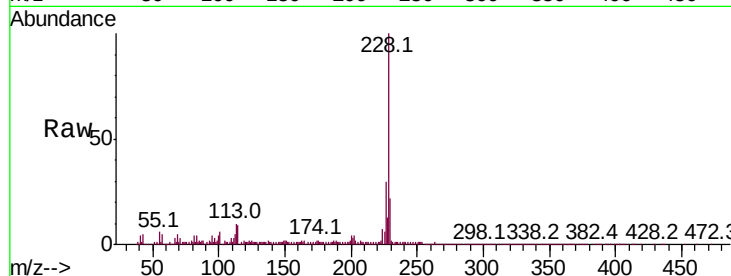
TS-VMDS

Tot Ion:	228	Resp:	376175
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	21.7	16.6	24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.062 ng

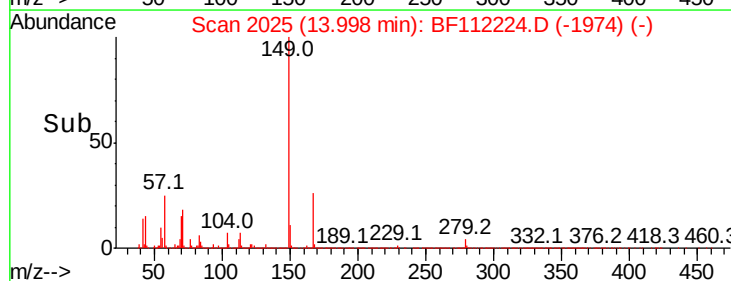
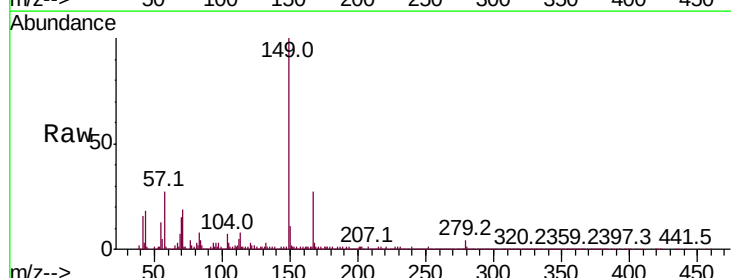
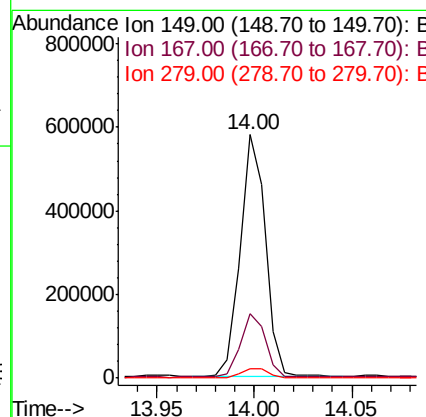
RT: 14.00 min Scan# 2025

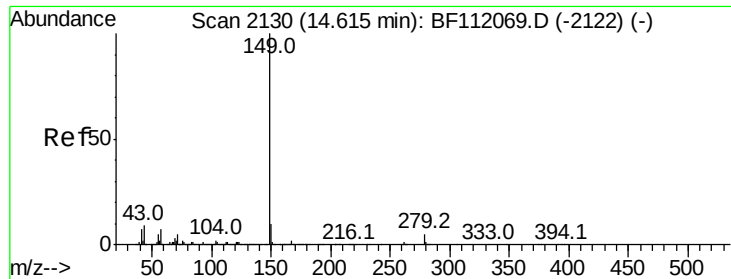
Delta R.T. 0.00 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Tgt Ion:	149	Resp:	513366
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.5	33.7
279	4.1	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 24.507 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

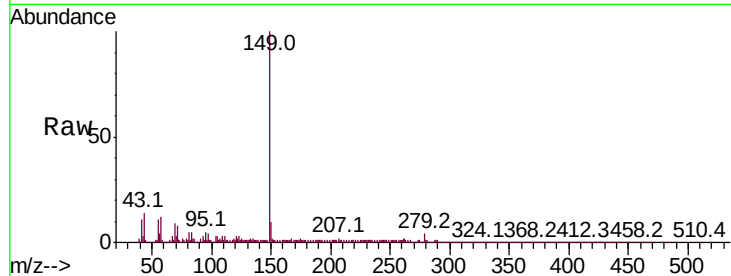
Instrument :
BNA_F
ClientSampleId :
TS-VMSD

Tot Ion:	149	Resp:	460862
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.9	7.8	11.6

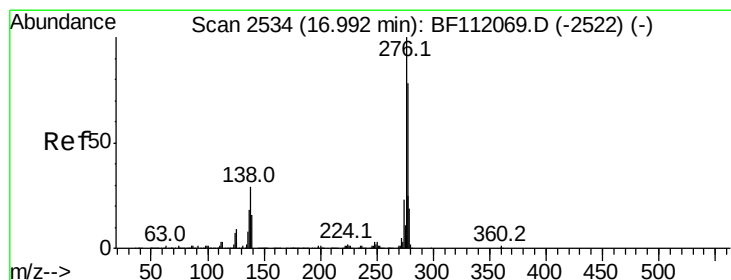
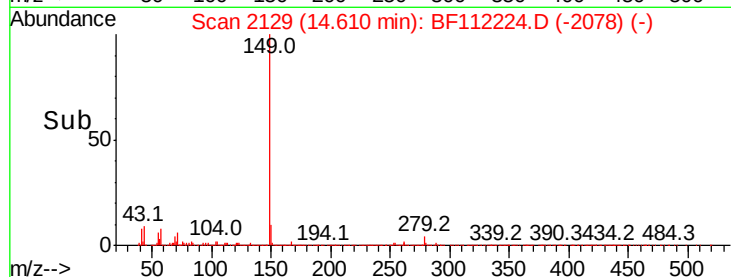
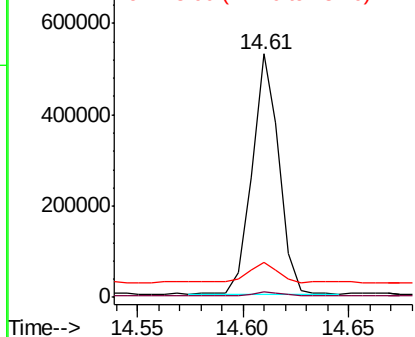
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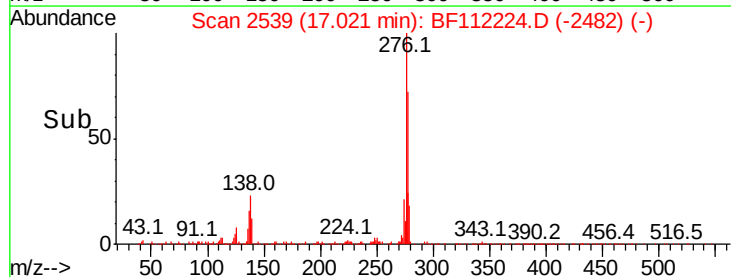
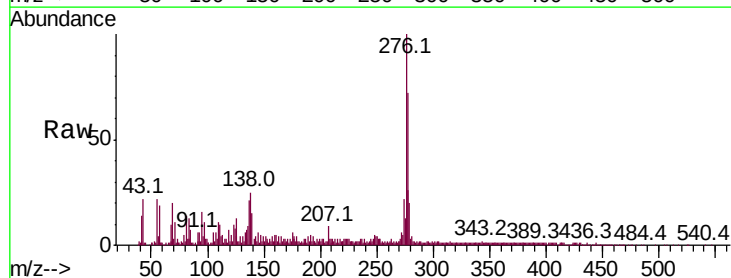
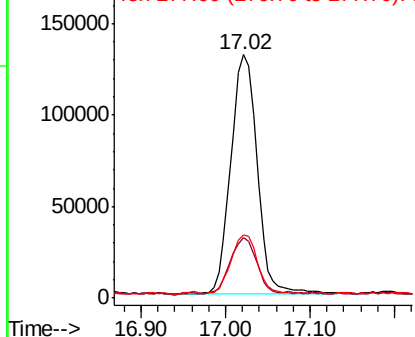
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

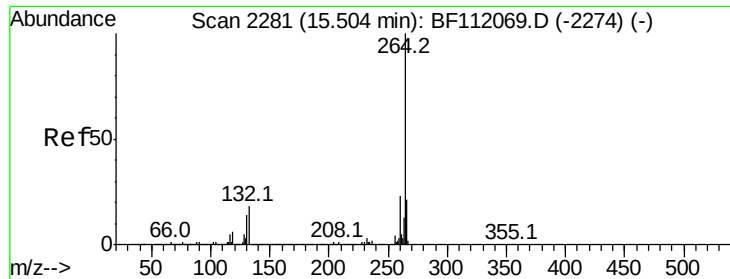


#86
Indeno(1,2,3-cd)pyrene
Concen: 19.271 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.04 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion:	276	Resp:	283810
Ion Ratio	Lower	Upper	
276	100		
138	23.5	22.6	34.0
277	24.1	20.3	30.5

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.02 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

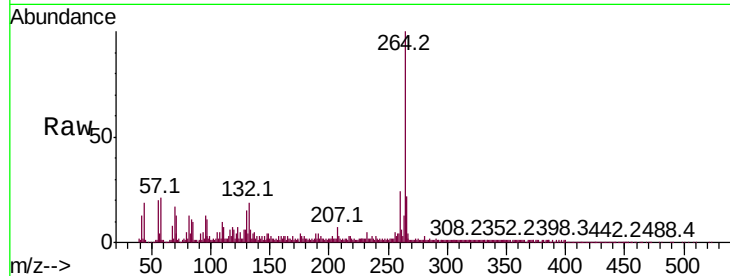
TS-VM5D

Tot Ion:	264	Resp:	253064
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.2	27.2
265	22.2	17.0	25.4

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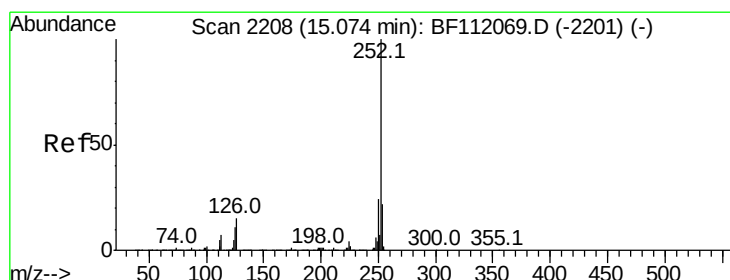
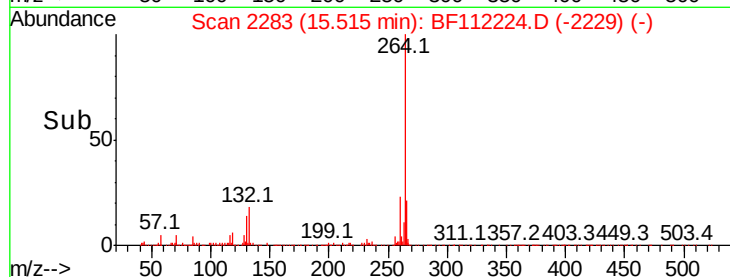
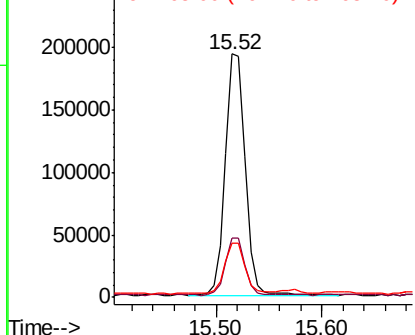


Abundance

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: 25.304 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

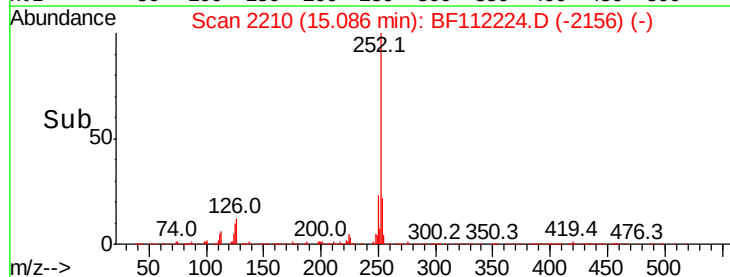
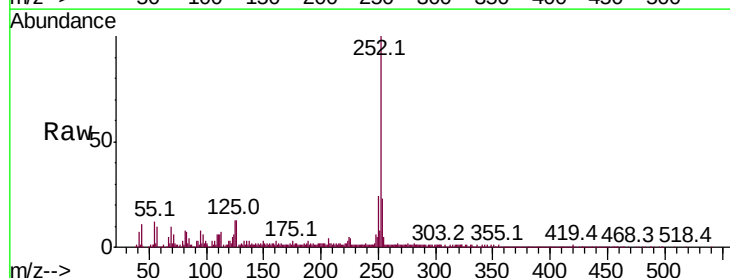
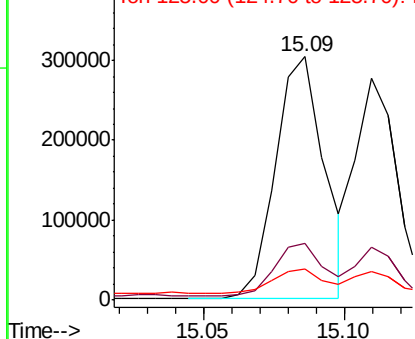
Tgt Ion:	252	Resp:	363494
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	12.6	8.7	13.1

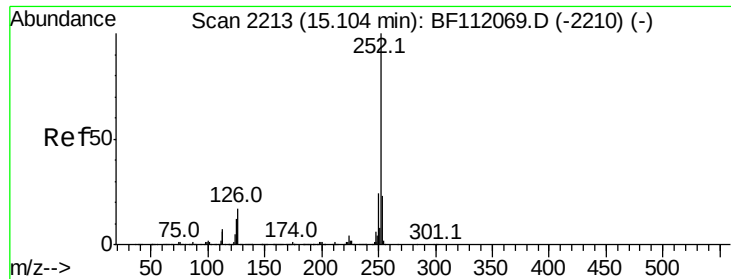
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89
Benzo(k)fluoranthene
Concen: 20.252 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

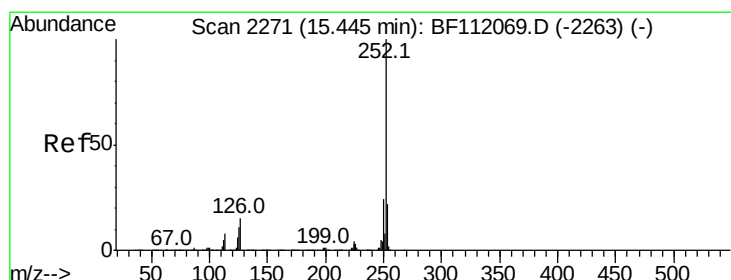
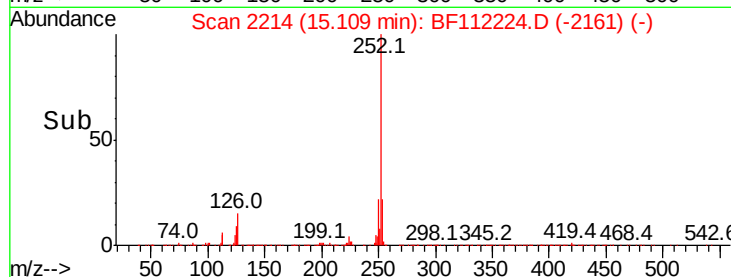
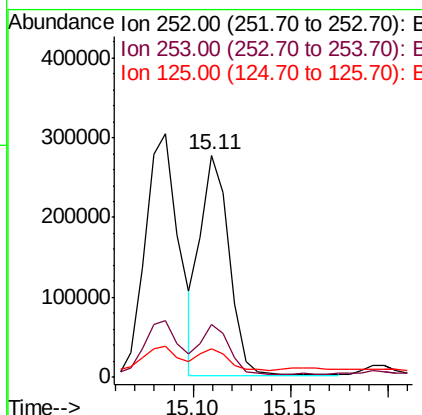
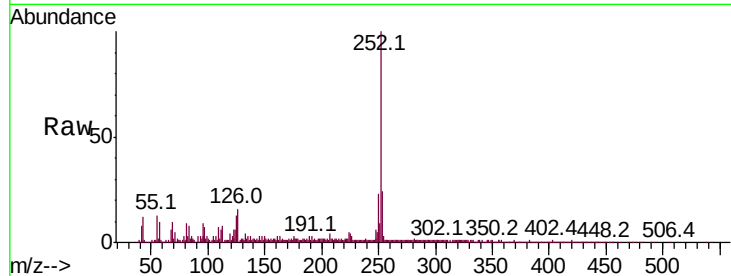
Instrument :
BNA_F
ClientSampleId :
TS-VM5D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.7	9.1	13.7

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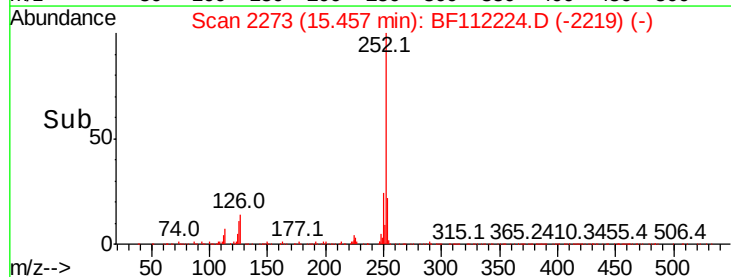
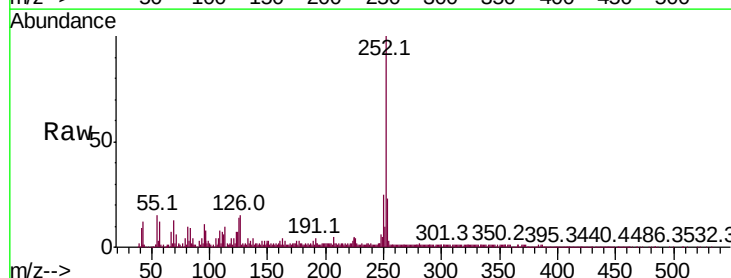
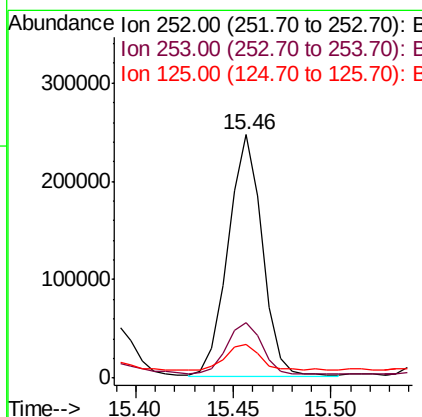
Sonali

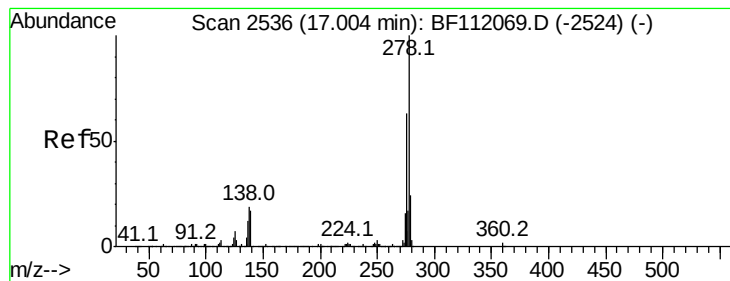
1/25/2019 10:05:30 AM



#90
Benzo(a)pyrene
Concen: 22.525 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF112224.D
Acq: 24 Jan 2019 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	14.0	9.0	13.4#





#91

Dibenzo(a,h)anthracene

Concen: 18.004 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.03 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

Instrument :

BNA_F

ClientSampleId :

TS-VMSS

Tot Ion:278 Resp: 210655

Ion Ratio Lower Upper

278 100

139 18.4 13.7 20.5

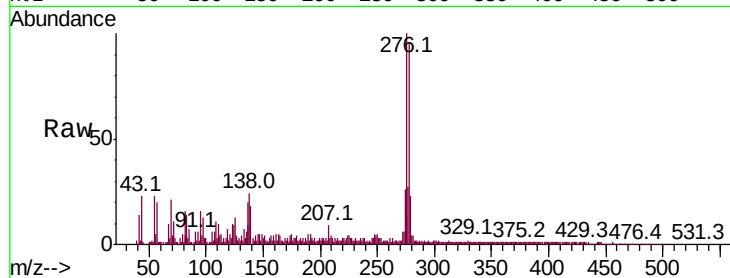
279 23.7 19.0 28.6

Manual Integrations

APPROVED

Sonil

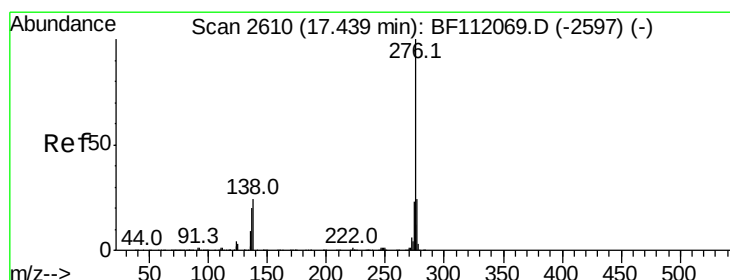
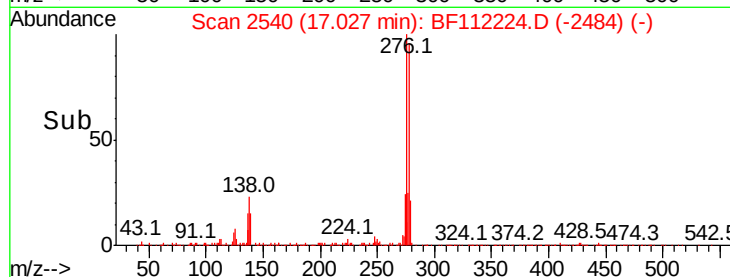
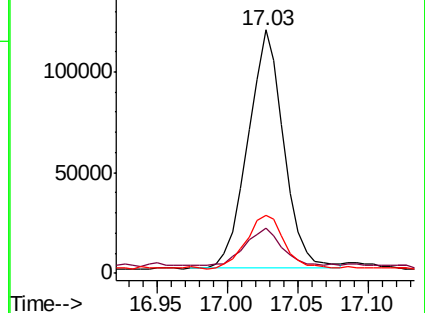
1/25/2019 10:05:30 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 19.533 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.05 min

Lab File: BF112224.D

Acq: 24 Jan 2019 22:19

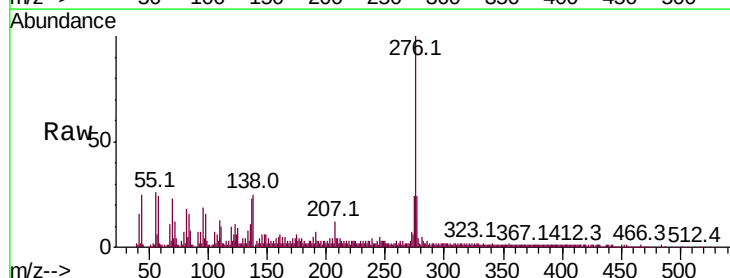
Tgt Ion:276 Resp: 225159

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 24.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

