

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112249.D
 Acq On : 25 Jan 2019 23:13
 Operator : JU/SJ
 Sample : K1003-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:31:46 AM

Quant Time: Jan 28 03:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 02:58:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	105748	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	421146	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	207485	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	402119	20.00	ng	0.00
76) Chrysene-d12	14.00	240	266930	20.00	ng	0.00
87) Perylene-d12	15.46	264	237220	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	723652	145.35	ng	0.00
7) Phenol-d6	6.49	99	842727	121.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	613379	83.92	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	315958	130.83	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1291465	88.03	ng	0.00
79) Terphenyl-d14	12.94	244	1362078	96.11	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.65	88	104212	52.546	ng	95
3) Pyridine	3.40	79	204161	40.469	ng	98
4) n-Nitrosodimethylamine	3.31	42	124910	58.933	ng	99
6) Aniline	6.50	93	67585	8.213	ng	# 1
8) 2-Chlorophenol	6.63	128	285771	42.669	ng	98
9) Benzaldehyde	6.39	77	50983	14.100	ng	95
10) Phenol	6.50	94	279252	36.793	ng	82
11) bis(2-Chloroethyl)ether	6.57	93	248512	41.590	ng	96
12) 1,3-Dichlorobenzene	6.78	146	302502	38.783	ng	97
13) 1,4-Dichlorobenzene	6.86	146	309499	38.556	ng	99
14) 1,2-Dichlorobenzene	7.01	146	297911	39.638	ng	94
15) Benzyl Alcohol	6.99	79	237582	40.740	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	312236	40.698	ng	85
17) 2-Methylphenol	7.10	107	216998	40.872	ng	95
18) Hexachloroethane	7.35	117	108168	38.373	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	194405	40.754	ng	95
20) 3+4-Methylphenols	7.26	107	286149	42.148	ng	# 71
22) Acetophenone	7.25	105	398356	38.845	ng	# 93
24) Nitrobenzene	7.42	77	293805	40.249	ng	97
25) Isophorone	7.66	82	518634	45.231	ng	99
26) 2-Nitrophenol	7.74	139	155423	39.842	ng	96
27) 2,4-Dimethylphenol	7.78	122	251113	46.721	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	329895	42.253	ng	99
29) 2,4-Dichlorophenol	7.99	162	251436	41.804	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	270426	39.115	ng	99
31) Naphthalene	8.15	128	849232	43.120	ng	99
32) Benzoic acid	7.90	122	102431	33.411	ng	99
33) 4-Chloroaniline	8.20	127	53805	6.274	ng	98
34) Hexachlorobutadiene	8.26	225	150146	37.009	ng	99
35) Caprolactam	8.55	113	61370m	28.923	ng	
36) 4-Chloro-3-methylphenol	8.69	107	252844	39.710	ng	98
37) 2-Methylnaphthalene	8.84	142	601511	44.614	ng	98
38) 1-Methylnaphthalene	8.93	142	568401	43.984	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	276228	40.547	ng	99

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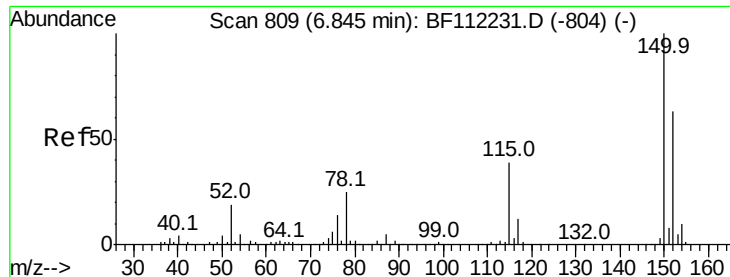
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	93898	41.552	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	174736	41.611	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	185515	42.270	ng	96
46) 1,1'-Biphenyl	9.30	154	738246	40.699	ng	99
47) 2-Chloronaphthalene	9.33	162	566715	40.289	ng	97
48) 2-Nitroaniline	9.42	65	150911	39.362	ng	92
49) Acenaphthylene	9.74	152	903729	43.834	ng	98
50) Dimethylphthalate	9.60	163	669383	41.524	ng	99
51) 2,6-Dinitrotoluene	9.66	165	151902	42.074	ng	99
52) Acenaphthene	9.91	154	519085	42.147	ng	99
53) 3-Nitroaniline	9.83	138	50567	12.928	ng	86
54) 2,4-Dinitrophenol	9.95	184	53106	45.834	ng	# 85
55) Dibenzofuran	10.09	168	801915	42.608	ng	98
56) 4-Nitrophenol	10.01	139	156036	75.456	ng	91
57) 2,4-Dinitrotoluene	10.07	165	198701	43.231	ng	91
58) Fluorene	10.43	166	637893	45.291	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	150137	45.268	ng	97
60) Diethylphthalate	10.29	149	676817	42.307	ng	97
61) 4-Chlorophenyl-phenylether	10.42	204	309685	40.422	ng	94
62) 4-Nitroaniline	10.45	138	135214	35.244	ng	96
63) Azobenzene	10.57	77	577878	41.072	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	57031	25.296	ng	89
66) n-Nitrosodiphenylamine	10.53	169	564317	41.639	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	188775	39.914	ng	98
68) Hexachlorobenzene	10.98	284	204508	40.304	ng	99
69) Atrazine	11.06	200	185034	42.313	ng	99
70) Pentachlorophenol	11.18	266	133631	67.682	ng	97
71) Phenanthrene	11.39	178	921415	44.075	ng	97
72) Anthracene	11.44	178	957778	45.993	ng	98
73) Carbazole	11.59	167	827255	40.272	ng	99
74) Di-n-butylphthalate	11.92	149	1069136	41.931	ng	99
75) Fluoranthene	12.58	202	929328	41.446	ng	96
77) Benzidine	12.69	184	47540	6.471	ng	# 95
78) Pyrene	12.80	202	922512	49.918	ng	98
80) Butylbenzylphthalate	13.42	149	425530	47.592	ng	98
81) Benzo(a)anthracene	13.99	228	696909	44.413	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	65883	11.219	ng	96
83) Chrysene	14.03	228	652638	43.572	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	597057	47.042	ng	98
85) Di-n-octyl phthalate	14.58	149	899643	46.071	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	609245	51.333	ng	97
88) Benzo(b)fluoranthene	15.04	252	585275	41.255	ng	99
89) Benzo(k)fluoranthene	15.07	252	593712	43.691	ng	99
90) Benzo(a)pyrene	15.40	252	568199	44.512	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	504873	49.074	ng	98
92) Benzo(g,h,i)perylene	17.38	276	484731	49.940	ng	97

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



#1

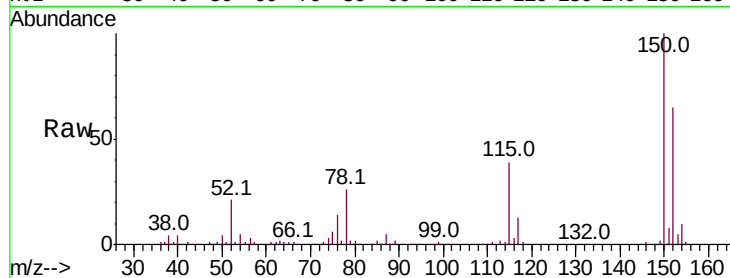
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleID :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	59.7	45.5	68.3

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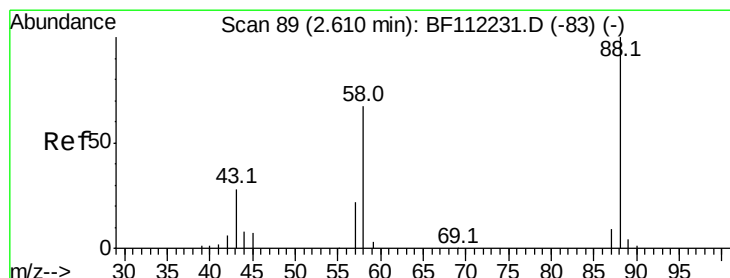
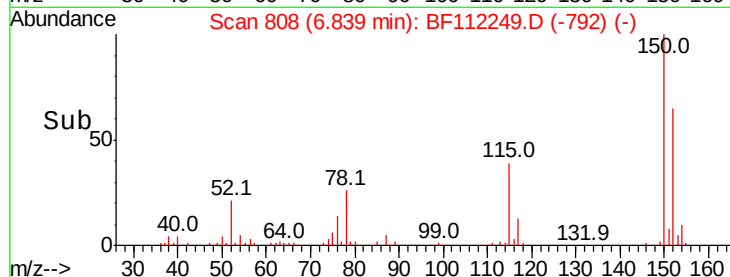
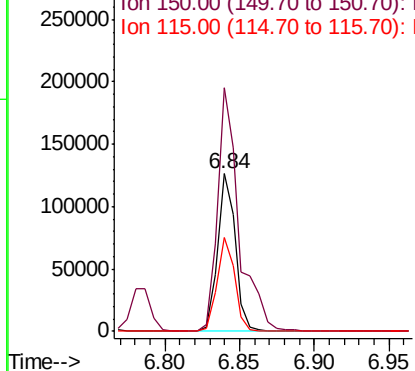


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

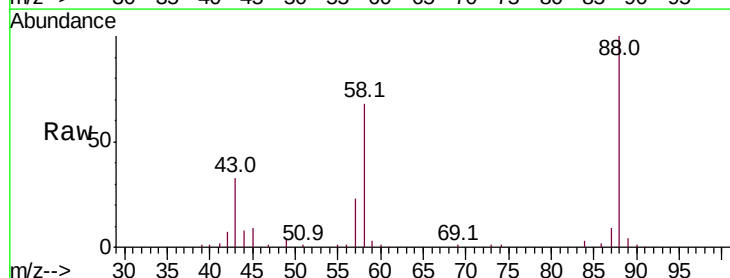
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 52.546 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.04 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	57.4	86.2
43	30.5	22.2	33.4

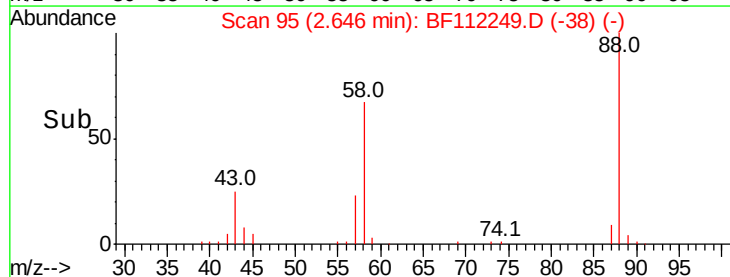
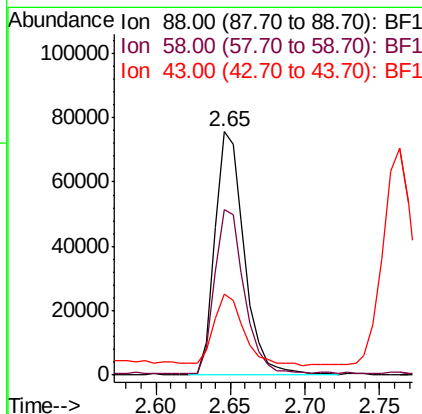


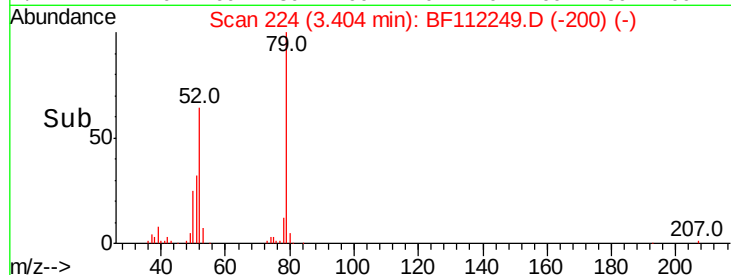
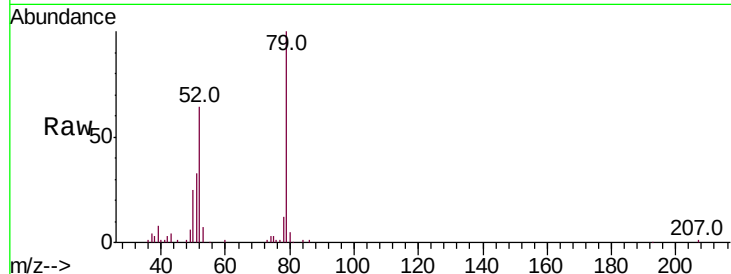
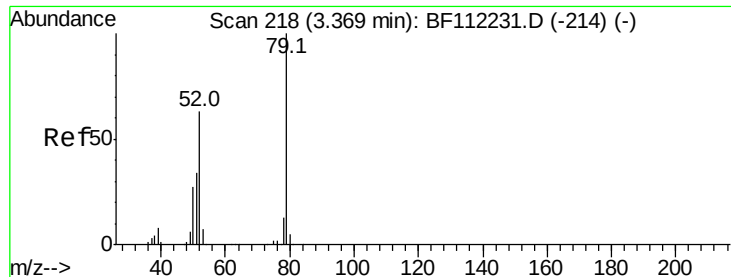
Abundance

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: 40.469 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.04 min

Lab File: BF112249.D

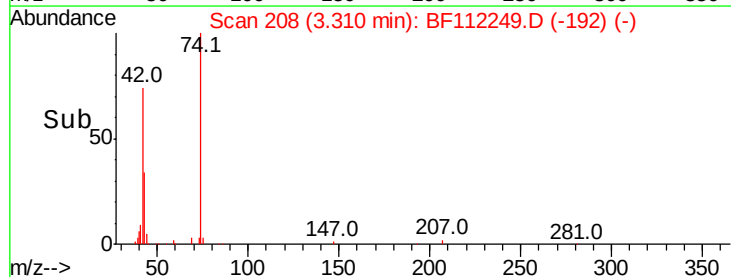
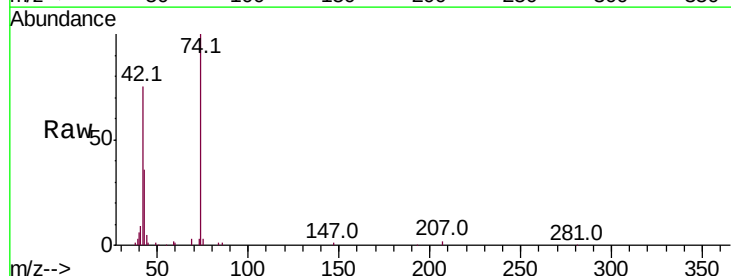
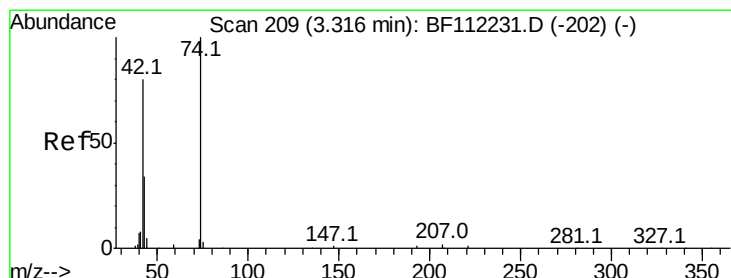
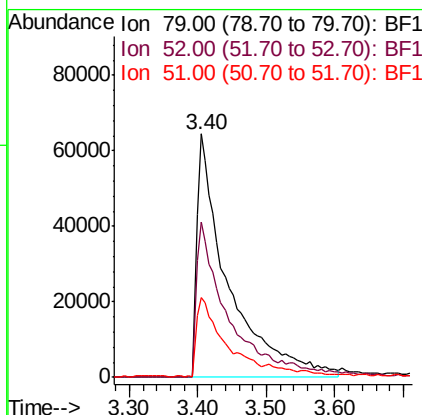
Acq: 25 Jan 2019 23:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.7	52.4	78.6
51	32.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 58.933 ng

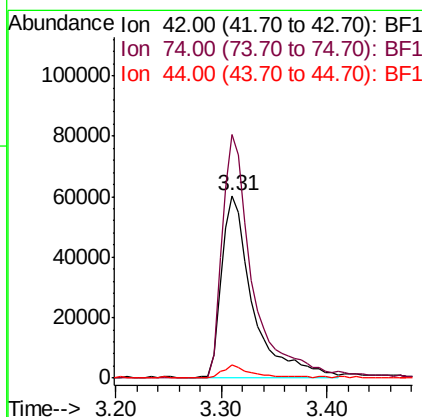
RT: 3.31 min Scan# 208

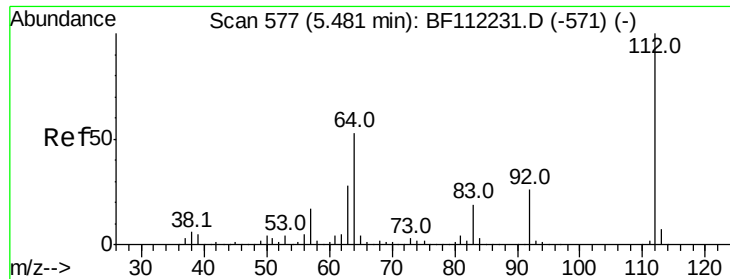
Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.6	105.6	158.4
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 145.354 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

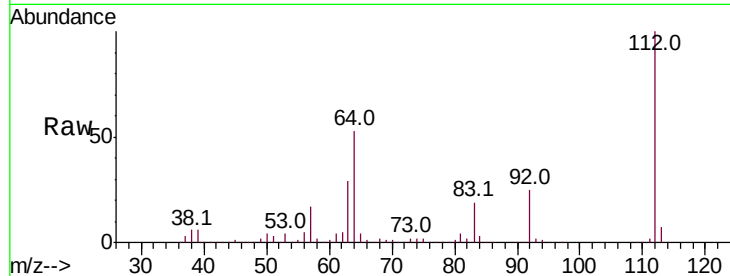
ClientSampleId :

BU-02-012319MS

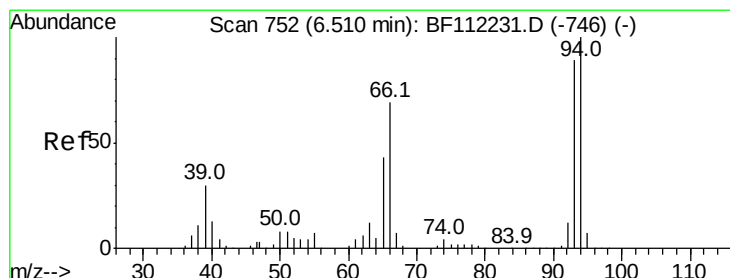
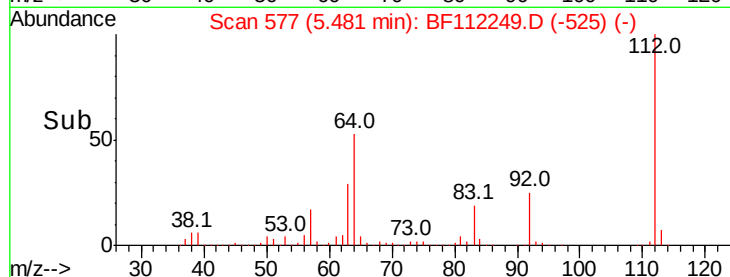
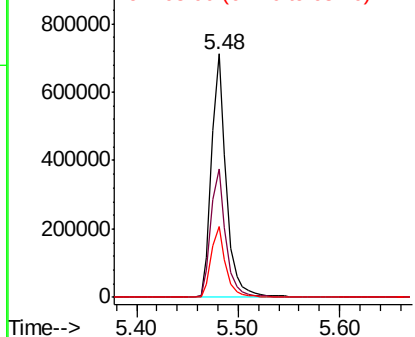
Tot Ion:	112	Resp:	723652
Ion Ratio	Lower	Upper	
112	100		
64	53.0	45.7	68.5
63	28.9	23.6	35.4

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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: 8.213 ng

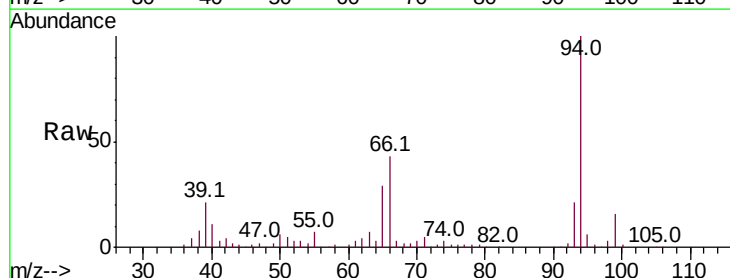
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

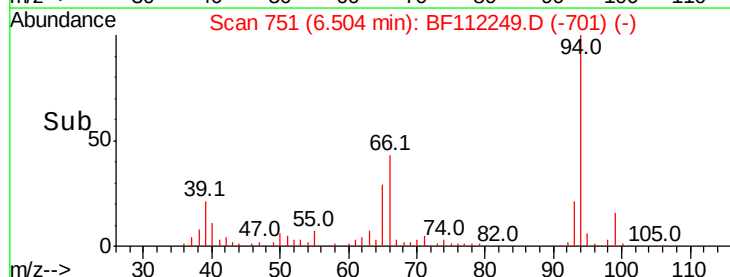
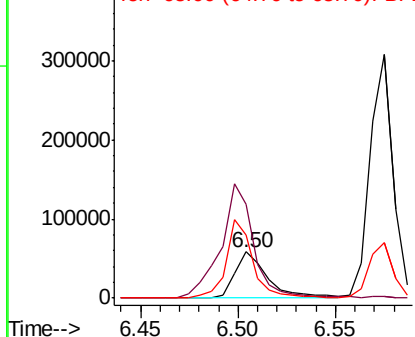
Lab File: BF112249.D

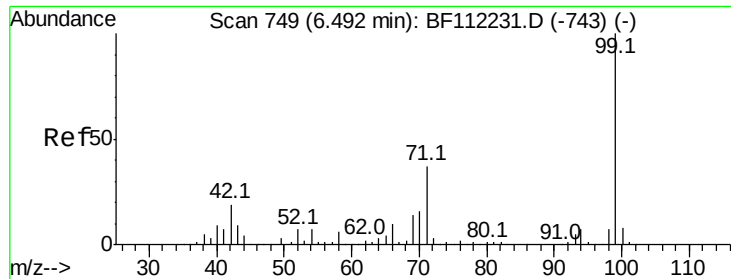
Acq: 25 Jan 2019 23:13

Tgt Ion:	93	Resp:	67585
Ion Ratio	Lower	Upper	
93	100		
66	202.3	43.4	65.2#
65	136.7	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: 121.817 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

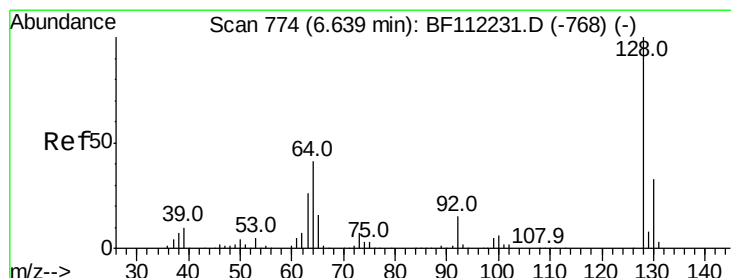
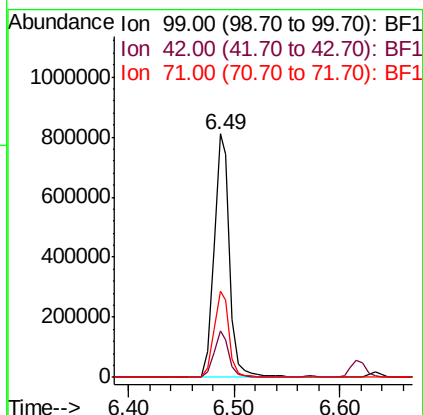
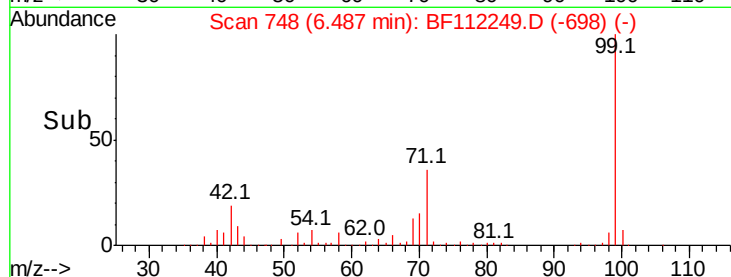
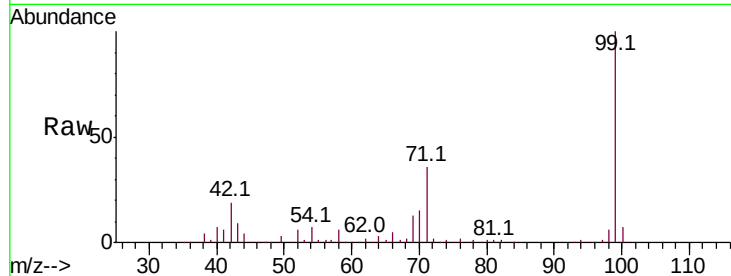
ClientSampleId :

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Tot Ion:	99	Resp:	842727
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.1	22.7
71	35.6	26.9	40.3

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#8

2-Chlorophenol

Concen: 42.669 ng

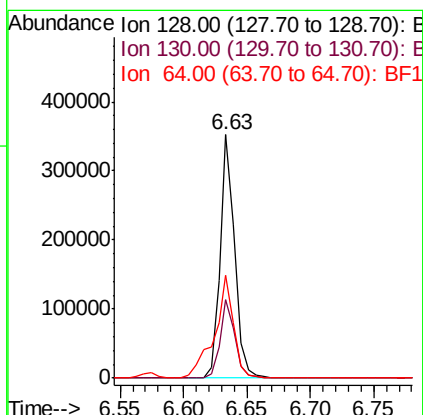
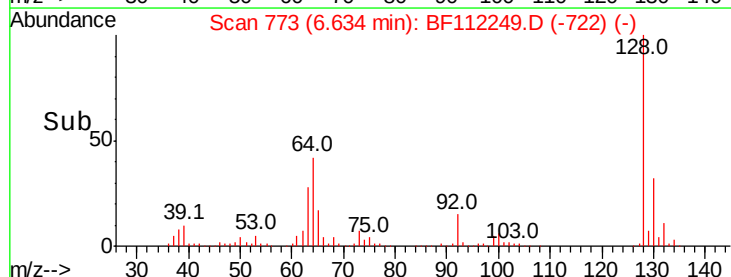
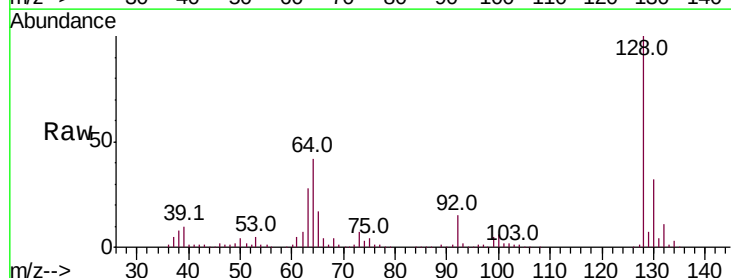
RT: 6.63 min Scan# 773

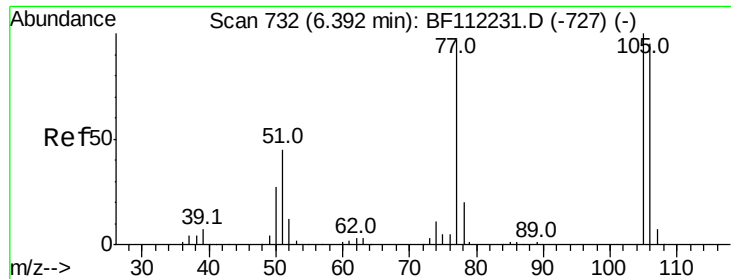
Delta R.T. 0.00 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion:	128	Resp:	285771
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.4	53.4
64	42.1	20.5	60.5





#9

Benzaldehyde

Concen: 14.100 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

Tot Ion: 77 Resp: 50983

Ion Ratio Lower Upper

77 100

105 107.2 80.8 120.8

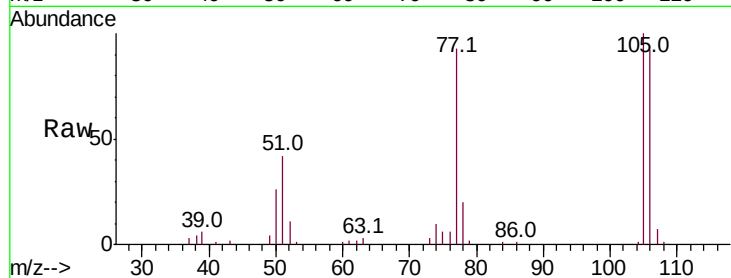
106 99.1 75.7 115.7

Manual Integrations

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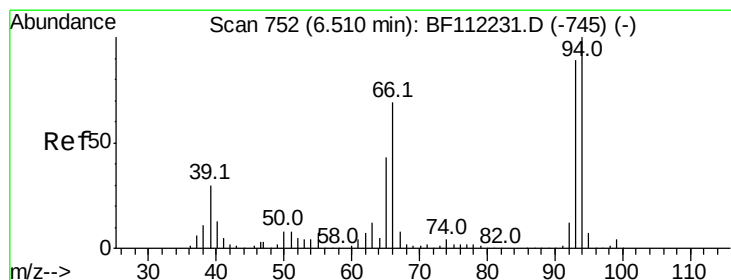
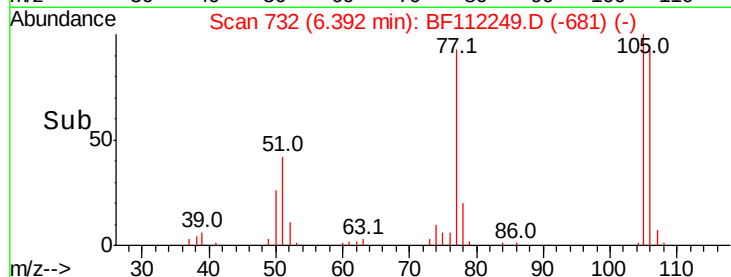
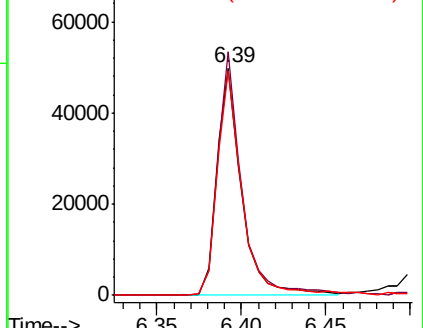
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.793 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

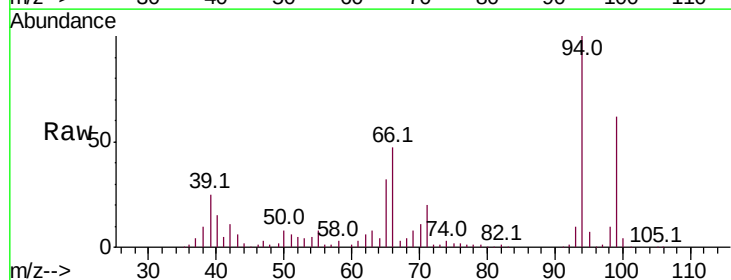
Tgt Ion: 94 Resp: 279252

Ion Ratio Lower Upper

94 100

65 32.1 20.3 60.3

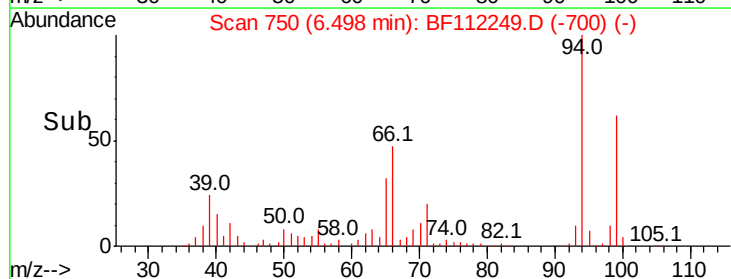
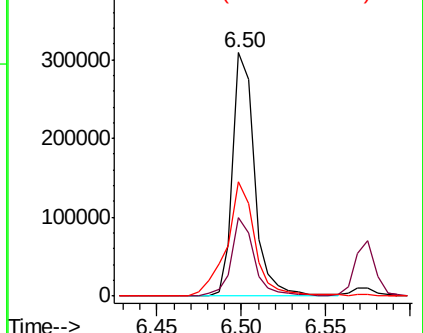
66 46.8 42.4 82.4

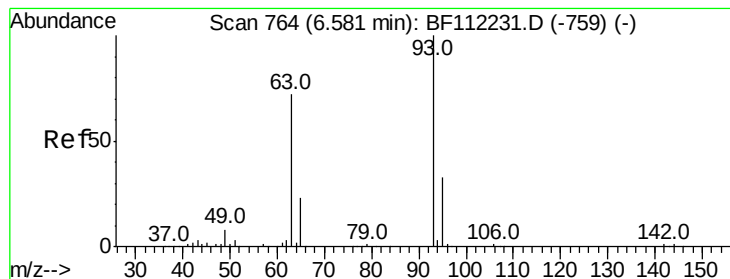


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





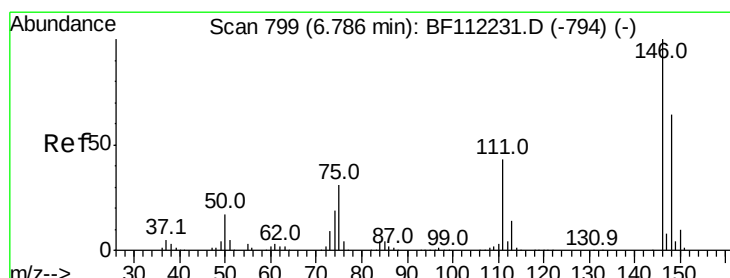
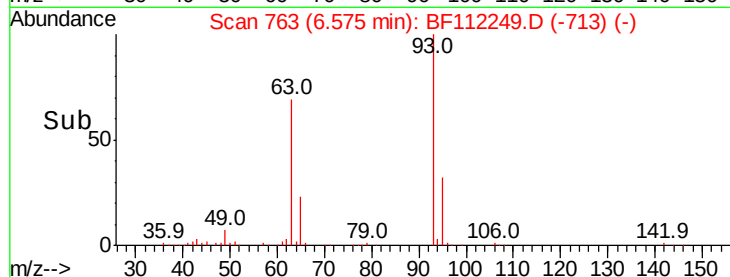
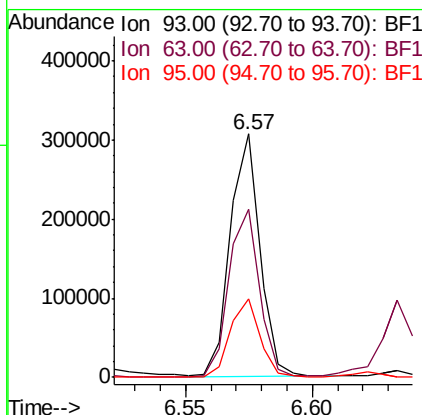
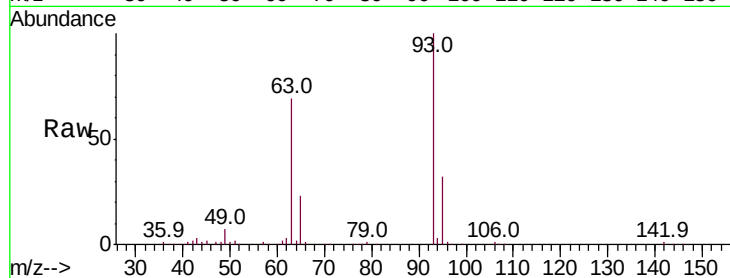
#11
bis(2-Chloroethyl)ether
Concen: 41.590 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	248512		
63	68.8		53.3	93.3
95	32.3		13.4	53.4

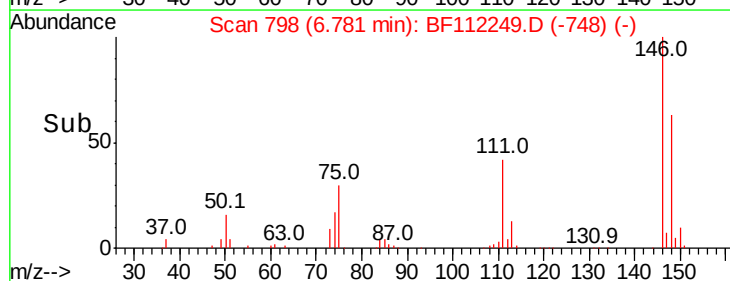
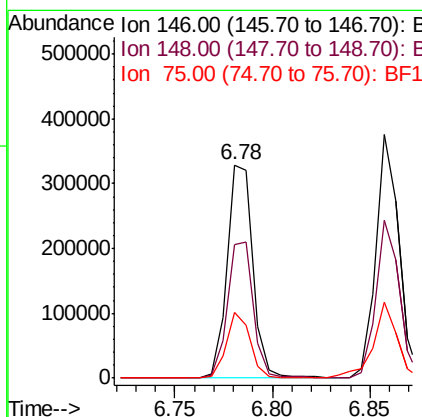
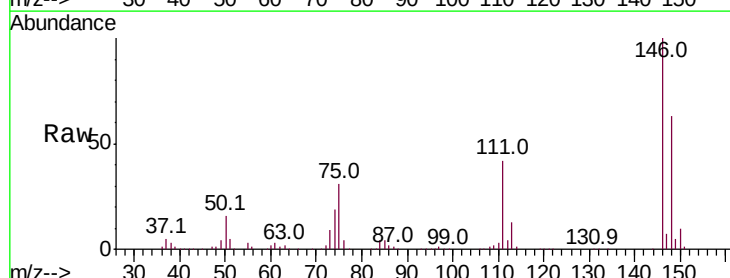
Manual Integrations
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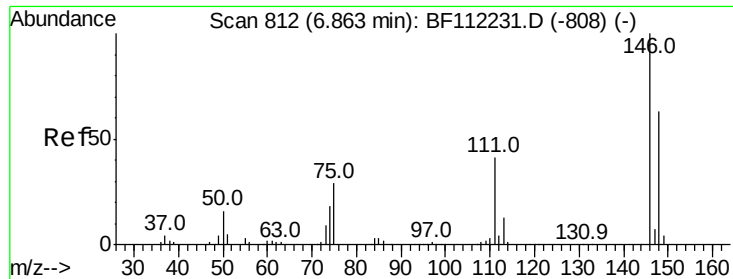
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.783 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302502		
148	62.7		51.8	77.8
75	30.6		23.1	34.7





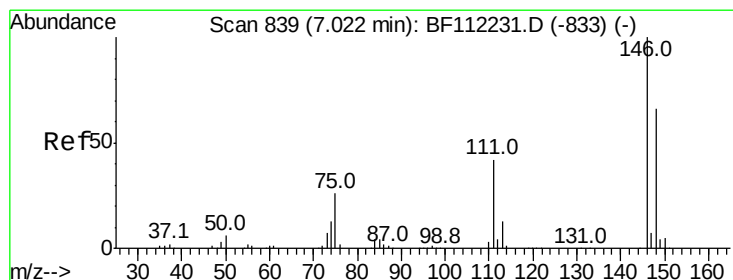
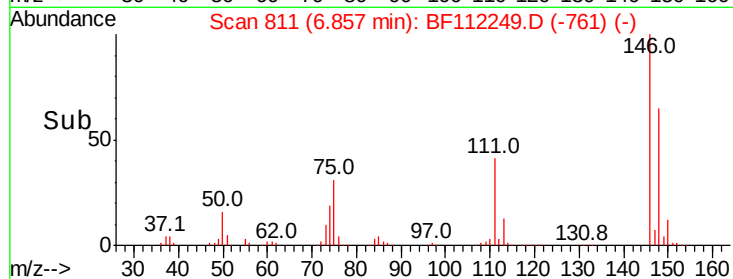
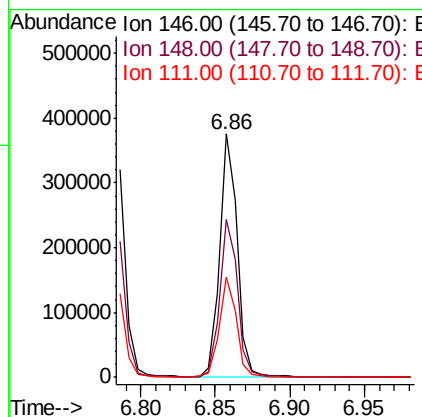
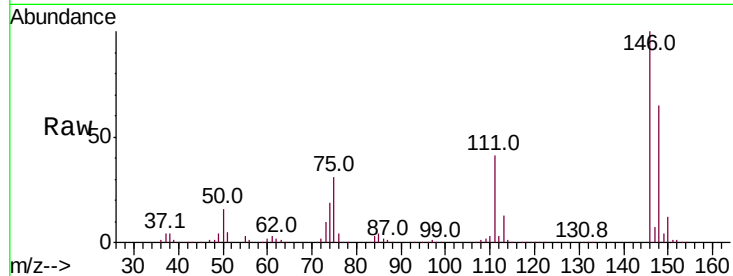
#13
1,4-Dichlorobenzene
Concen: 38.556 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	41.1	31.2	46.8

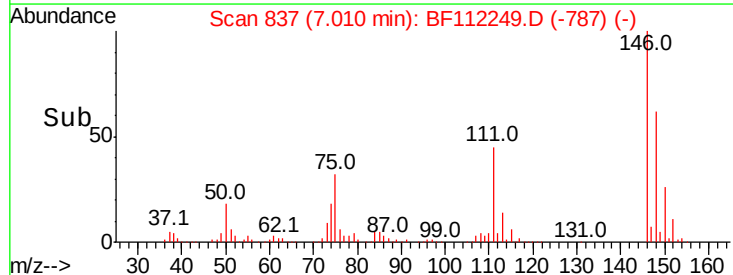
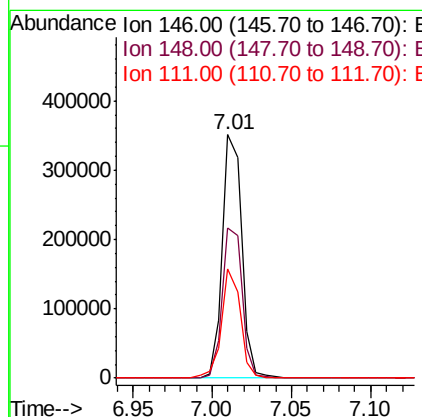
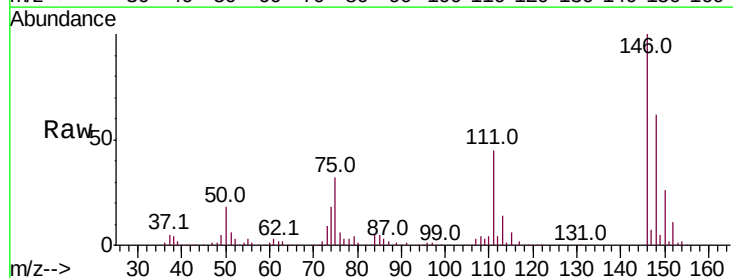
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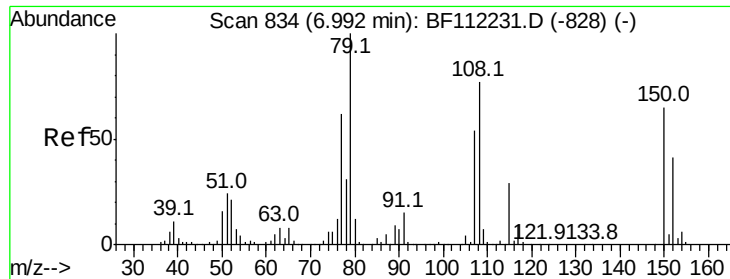
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.638 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.2	78.4
111	44.8	31.2	46.8





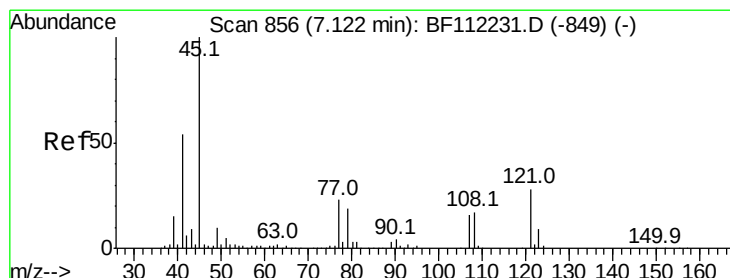
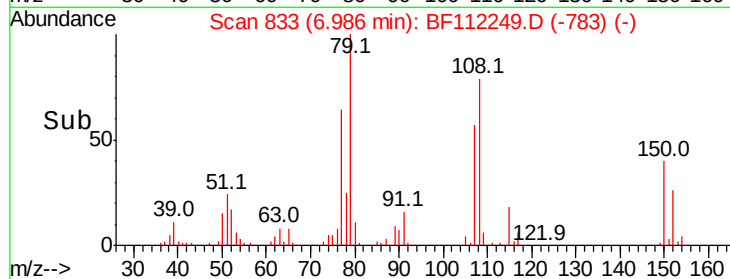
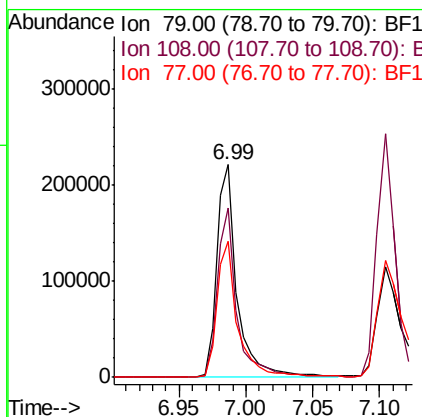
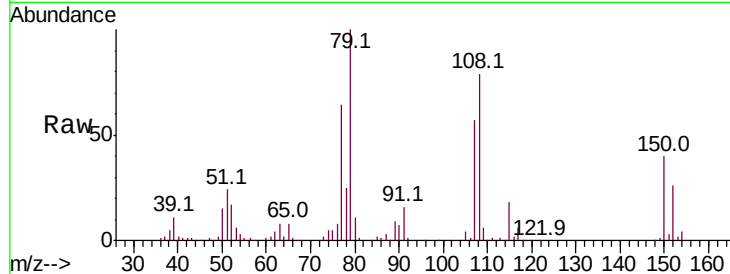
#15
Benzyl Alcohol
Concen: 40.740 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.4	64.2	96.2
77	63.9	50.3	75.5

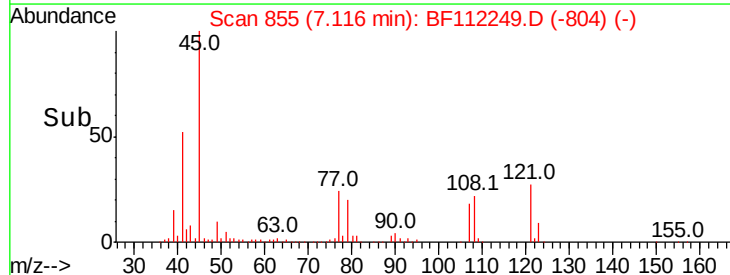
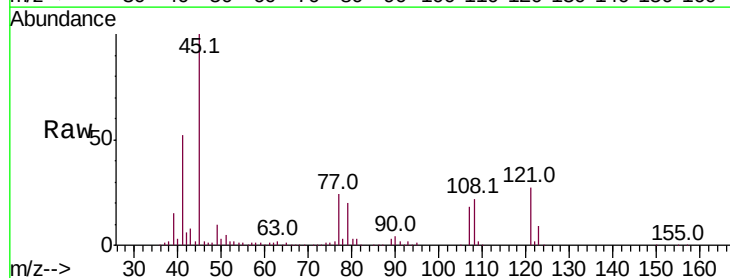
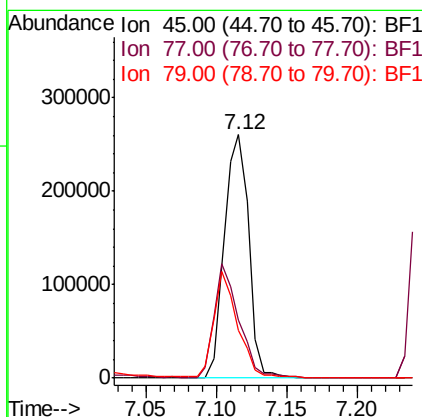
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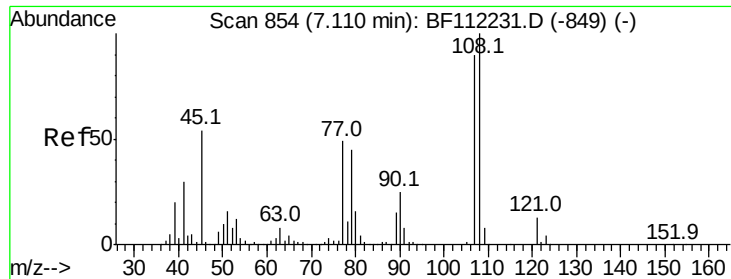
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.698 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.0	0.0	36.9
79	19.5	0.0	34.0





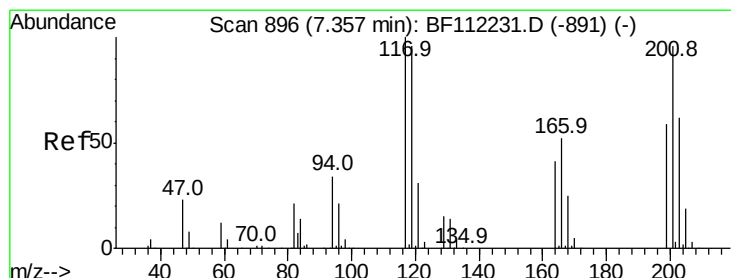
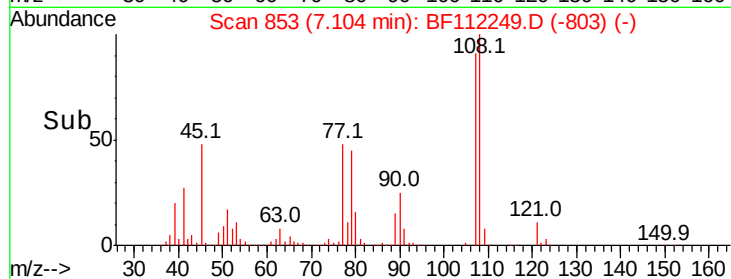
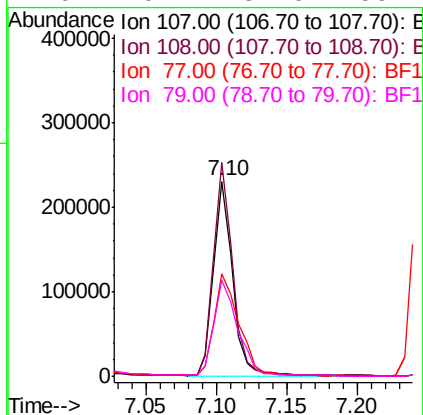
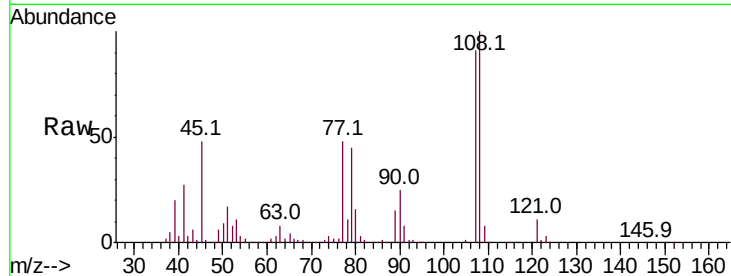
#17
2-Methylphenol
Concen: 40.872 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	91.3	136.9	
77	52.8	39.0	58.6	
79	49.4	37.0	55.4	

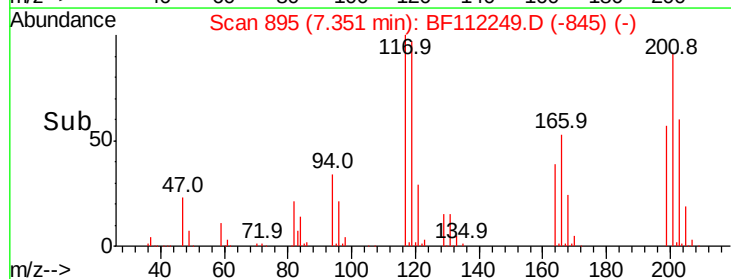
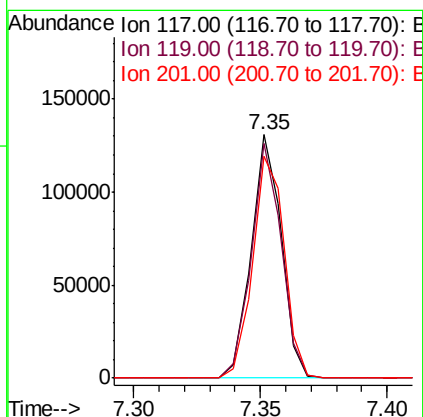
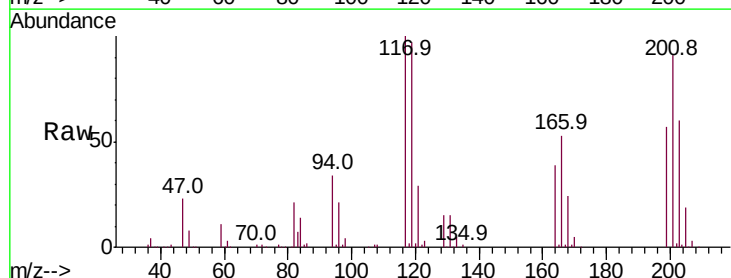
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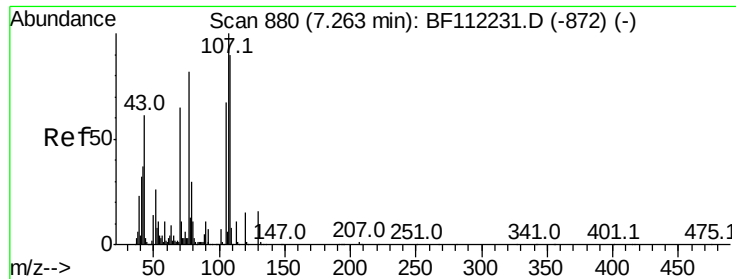
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#18
Hexachloroethane
Concen: 38.373 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.0	115.4	
201	91.3	74.1	111.1	





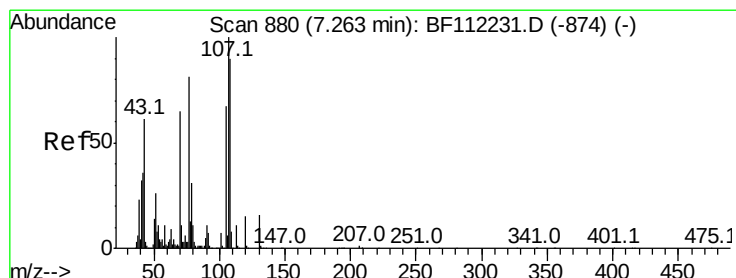
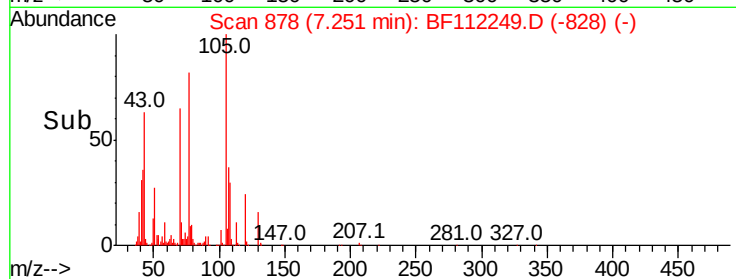
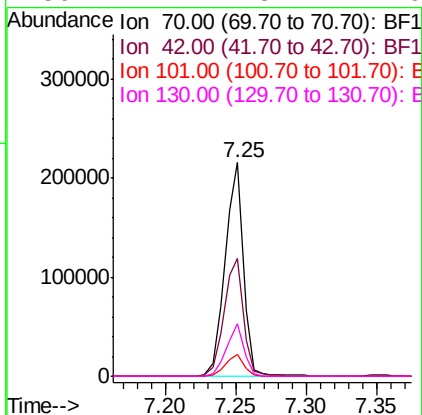
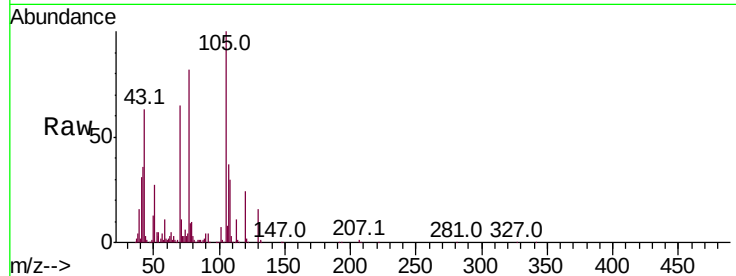
#19
n-Nitroso-di-n-propylamine
Concen: 40.754 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.6	71.4
101	10.2	7.9	11.9
130	24.7	18.4	27.6

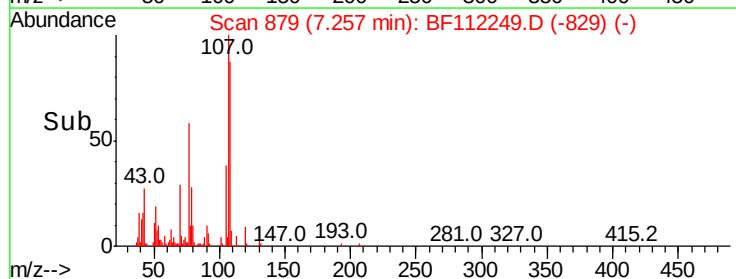
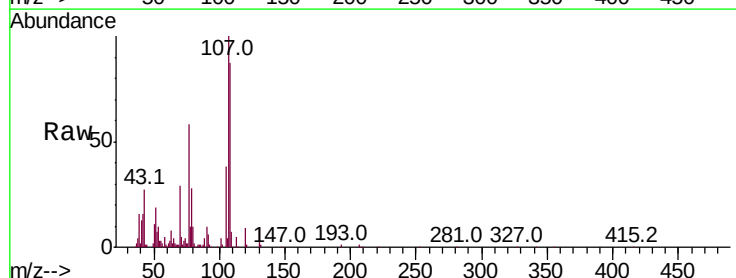
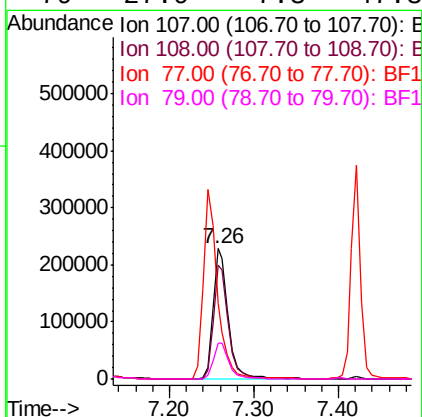
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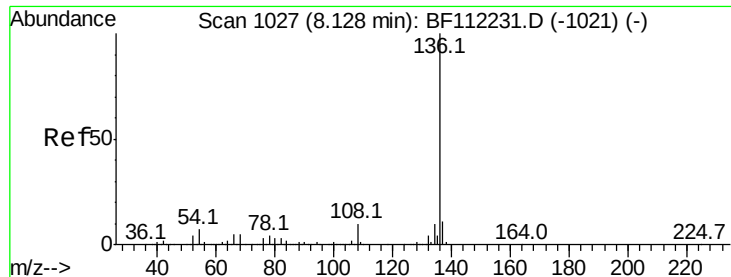
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#20
3+4-Methylphenols
Concen: 42.148 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	57.9	100.7	140.7#
79	27.9	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

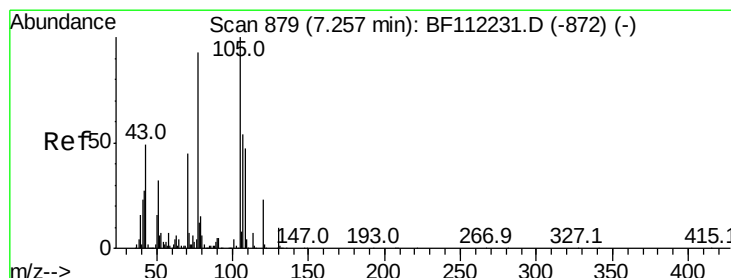
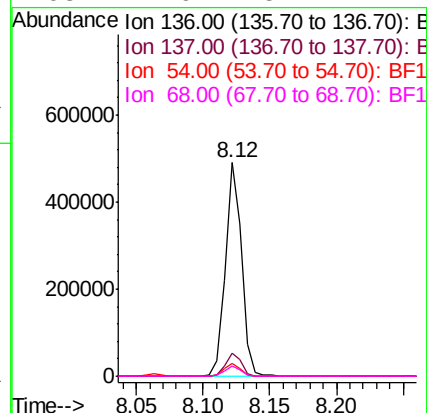
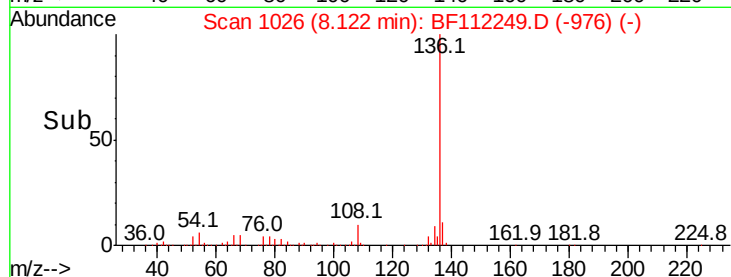
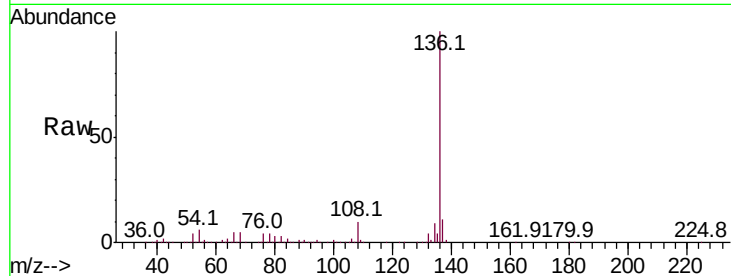
ClientSampleId :

BU-02-012319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		421146		
137	11.1	9.1	13.7		
54	6.2	5.9	8.9		
68	4.9	5.1	7.7#		

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#22

Acetophenone

Concen: 38.845 ng

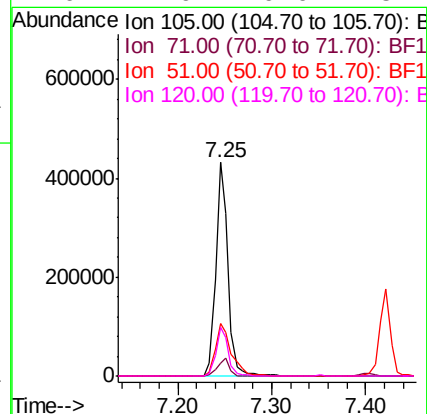
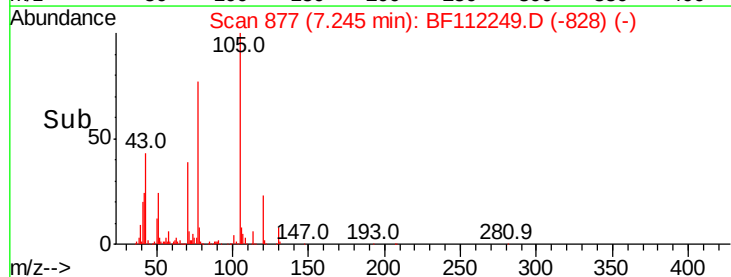
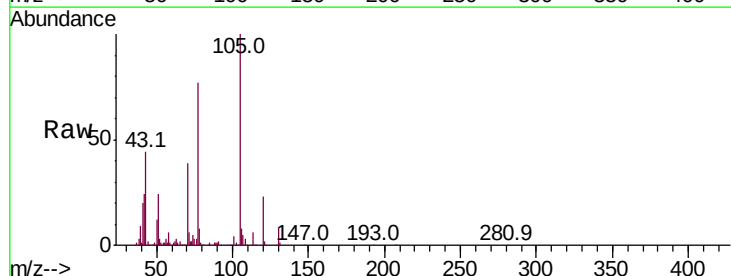
RT: 7.25 min Scan# 877

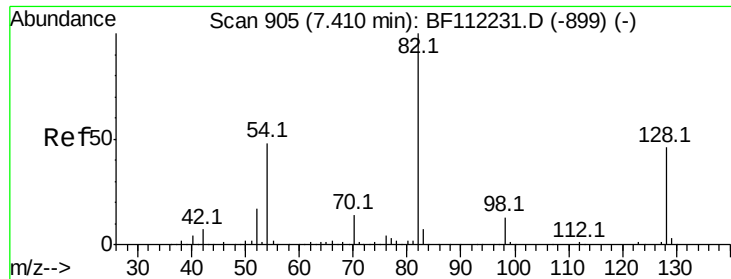
Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		398356		
71	6.2	4.6	6.8		
51	24.4	25.0	37.6#		
120	22.9	19.0	28.4		





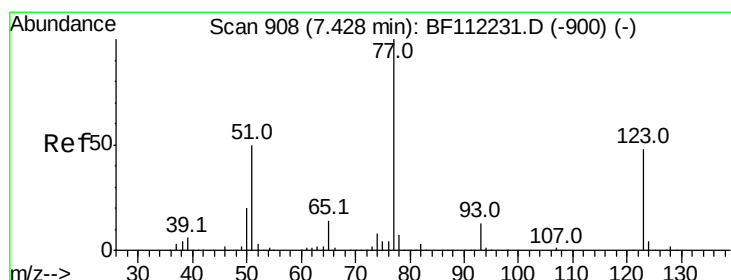
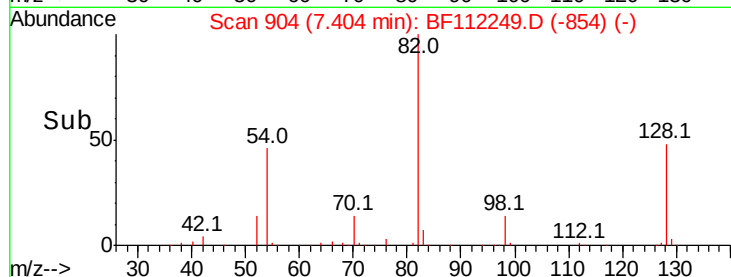
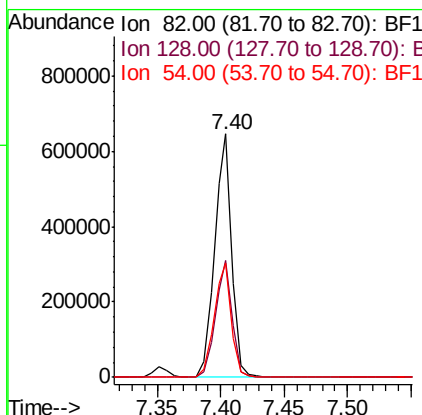
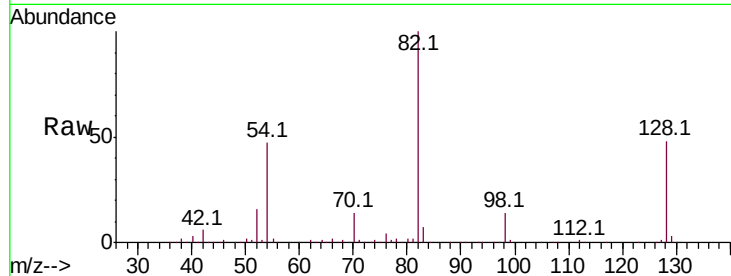
#23
 Nitrobenzene-d5
 Concen: 83.920 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	47.2	39.7	59.5

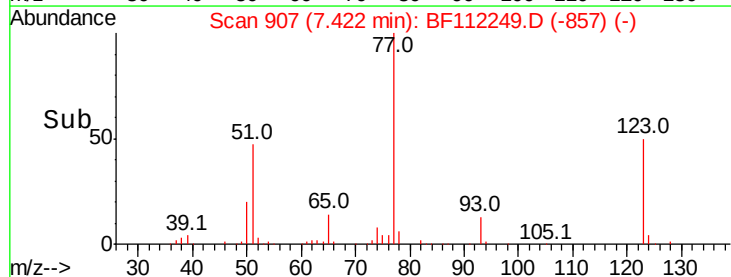
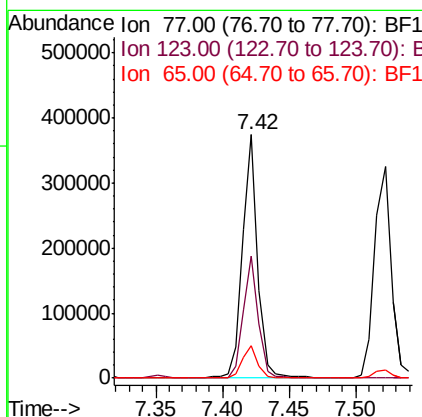
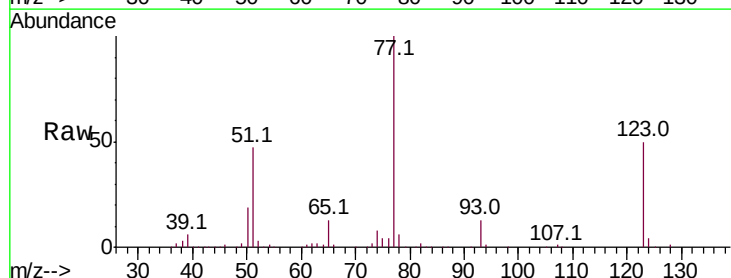
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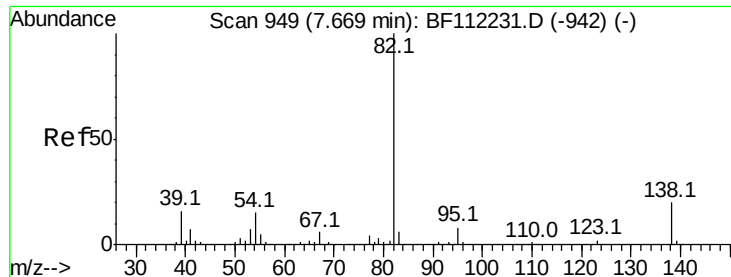
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#24
 Nitrobenzene
 Concen: 40.249 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	38.4	57.6
65	13.2	10.6	15.8





#25

Isophorone

Concen: 45.231 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

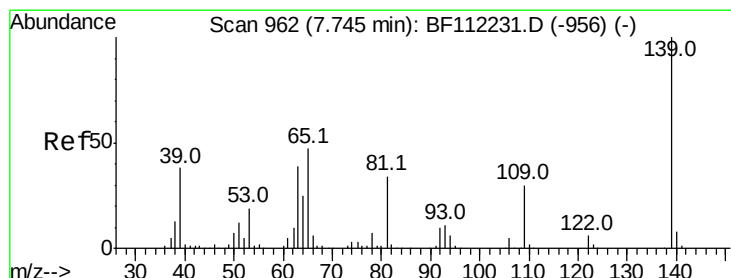
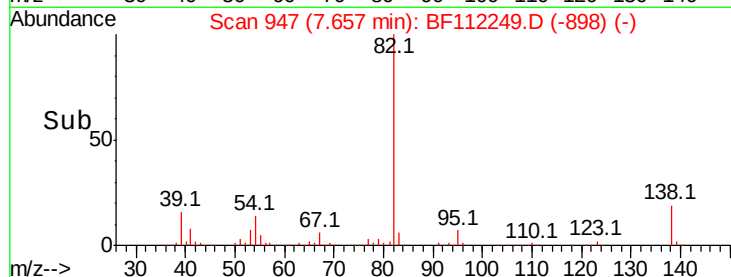
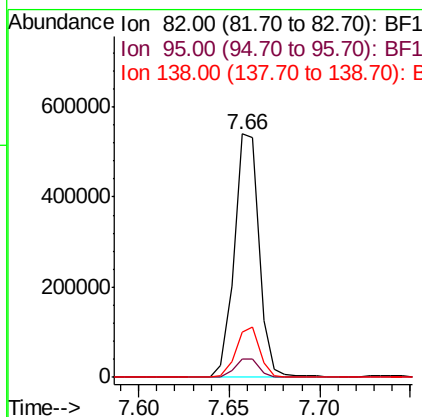
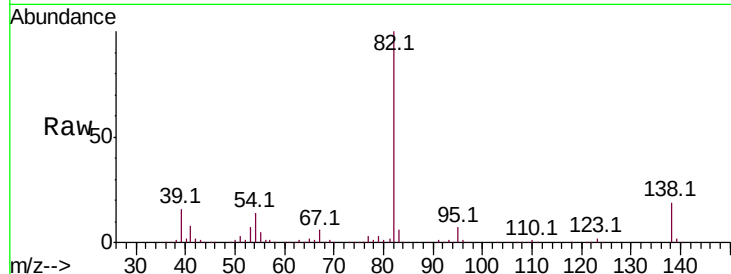
ClientSampleId :

BU-02-012319MS

Tot Ion:	82	Resp:	518634
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	18.8	15.4	23.0

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#26

2-Nitrophenol

Concen: 39.842 ng

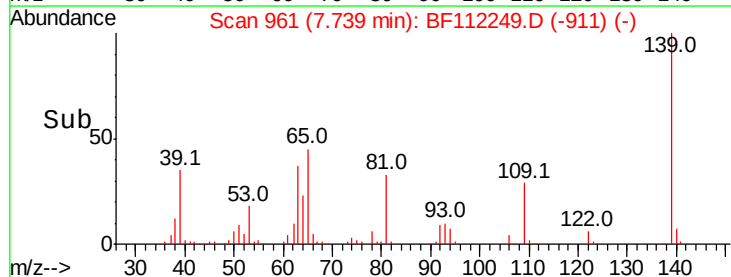
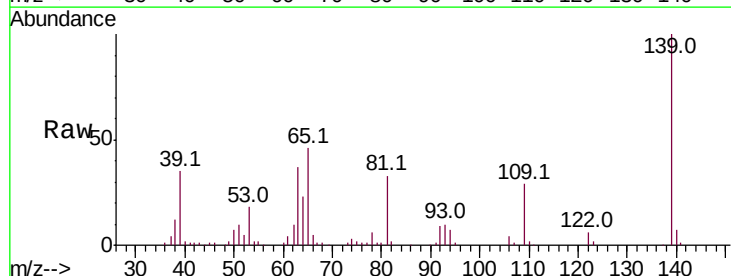
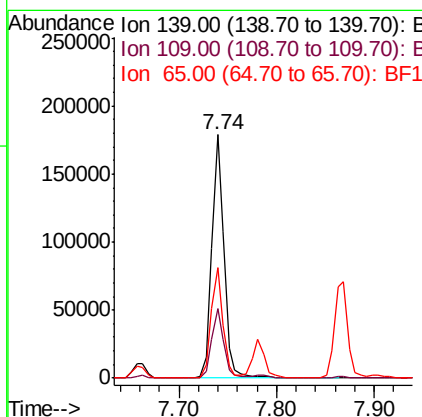
RT: 7.74 min Scan# 961

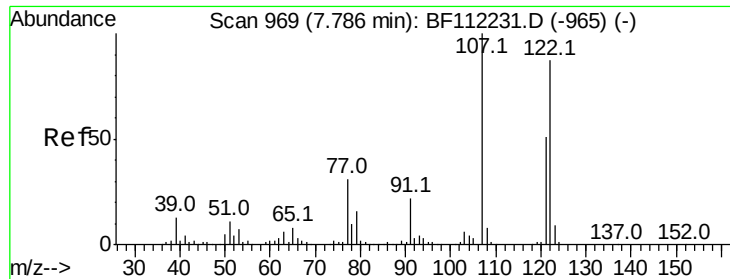
Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion:	139	Resp:	155423
Ion Ratio	Lower	Upper	
139	100		
109	28.7	20.8	31.2
65	45.5	34.4	51.6





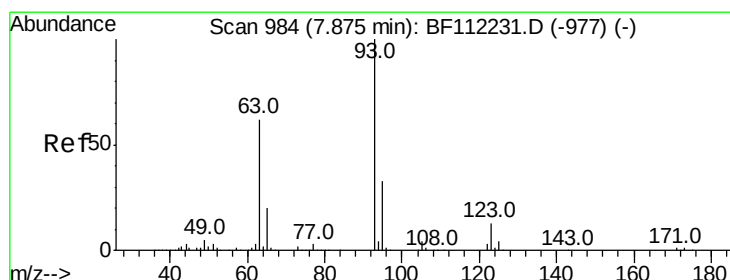
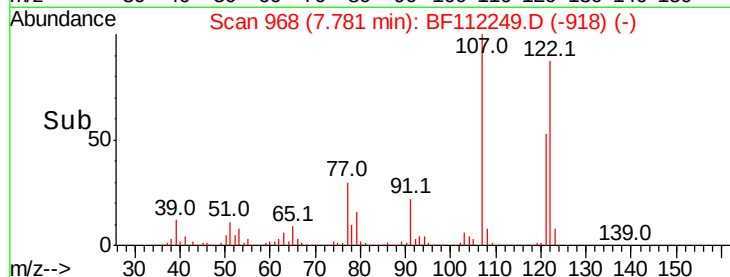
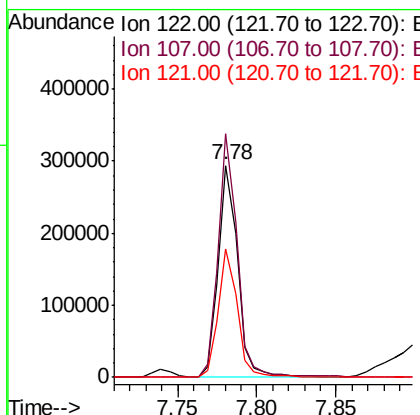
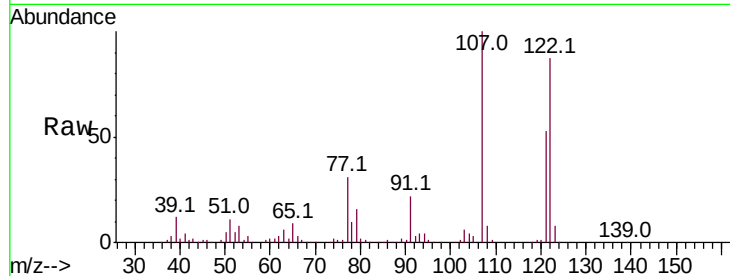
#27
2,4-Dimethylphenol
Concen: 46.721 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	85.4	128.0
121	60.4	47.0	70.4

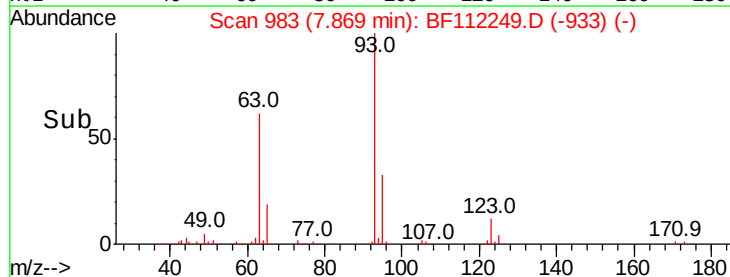
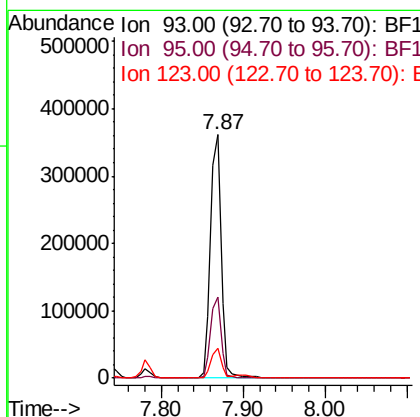
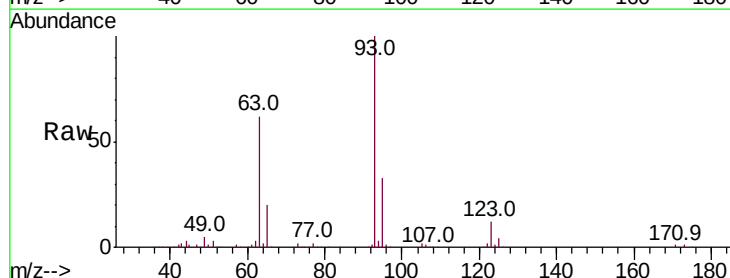
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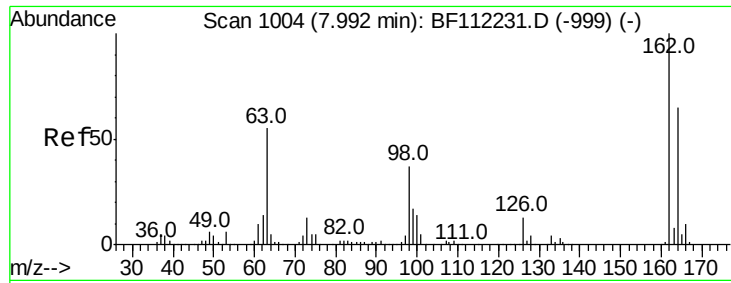
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.253 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.8	40.2
123	12.4	10.2	15.2





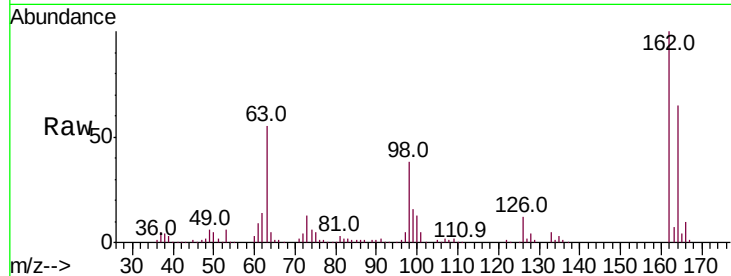
#29
 2,4-Dichlorophenol
 Concen: 41.804 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tot Ion:	162	Resp:	251436
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.6	84.6
98	37.6	14.6	54.6

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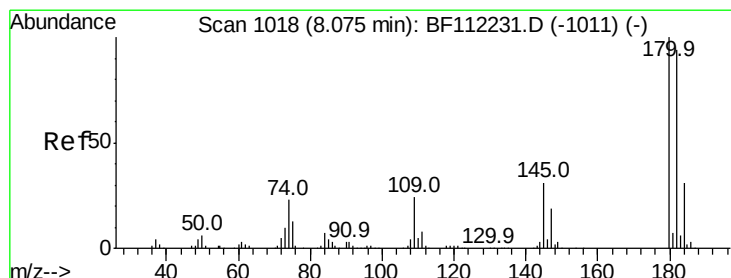
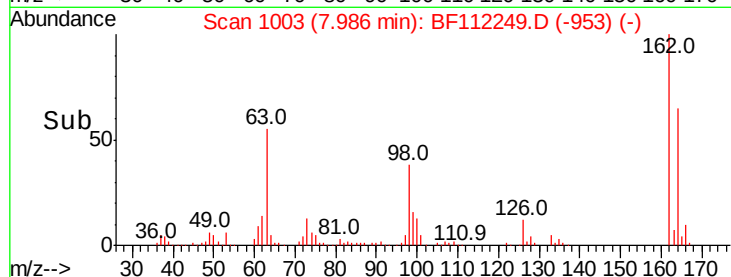
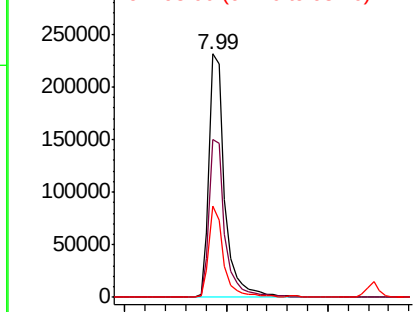


Abundance

Ion 162.00 (161.70 to 162.70): E

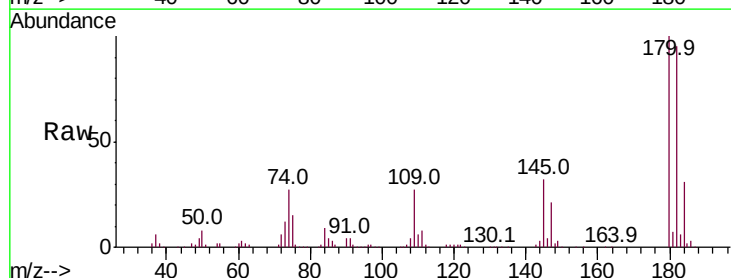
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.115 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:	180	Resp:	270426
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.4	114.6
145	32.1	25.0	37.4

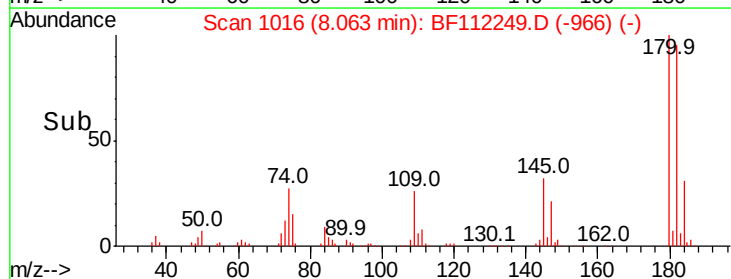
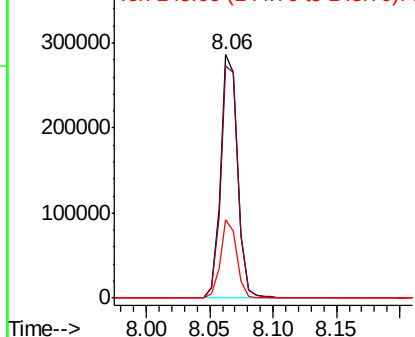


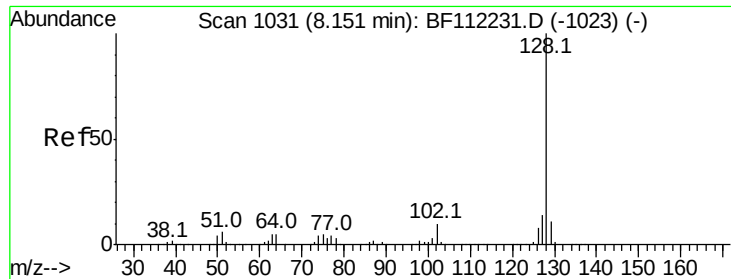
Abundance

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





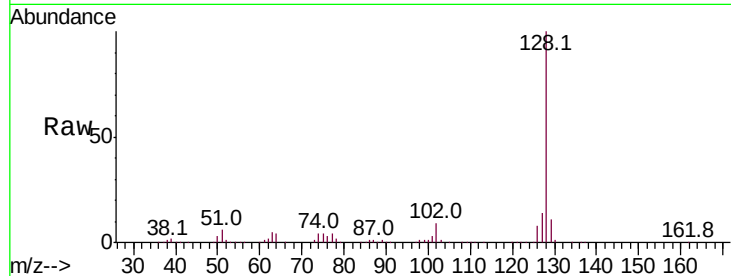
#31
Naphthalene
Concen: 43.120 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampled :
BU-02-012319MS

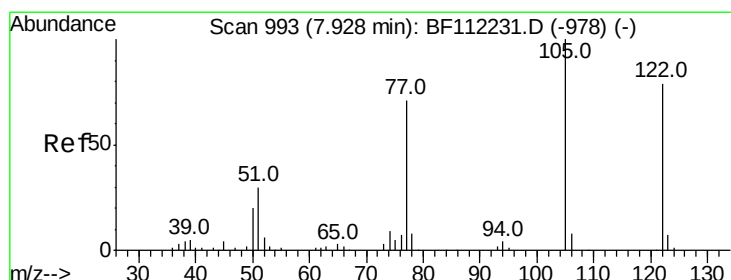
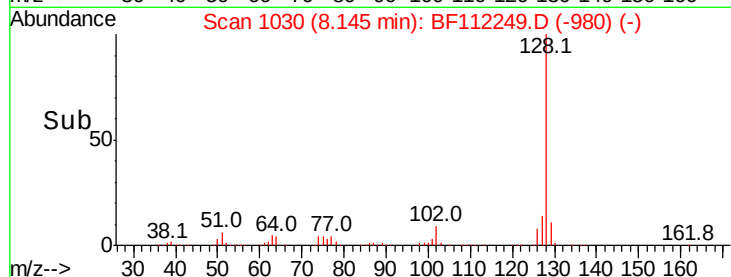
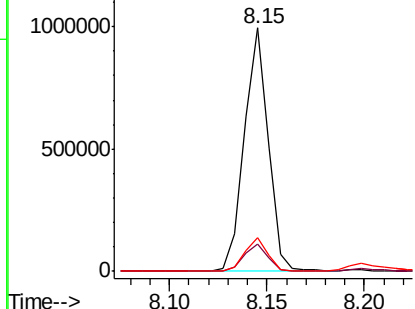
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.6	14.4	
127	13.6	11.1	16.7	

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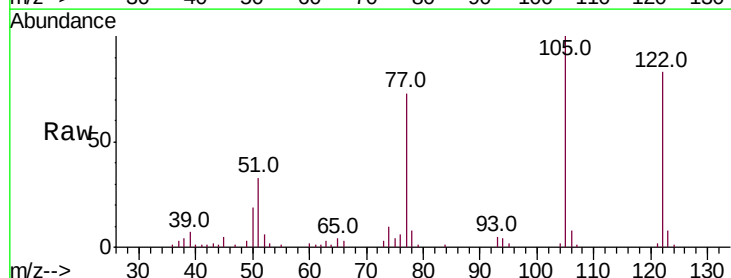


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

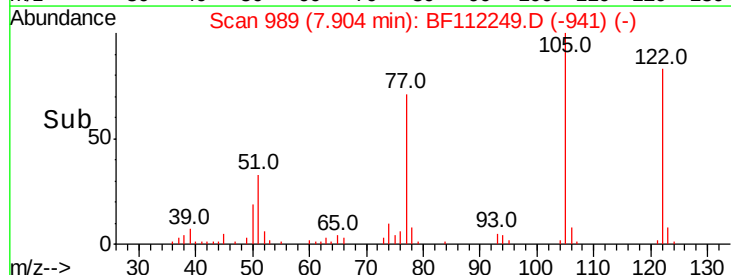
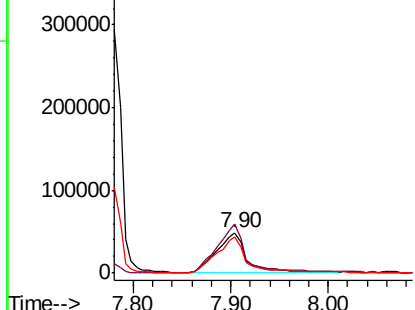


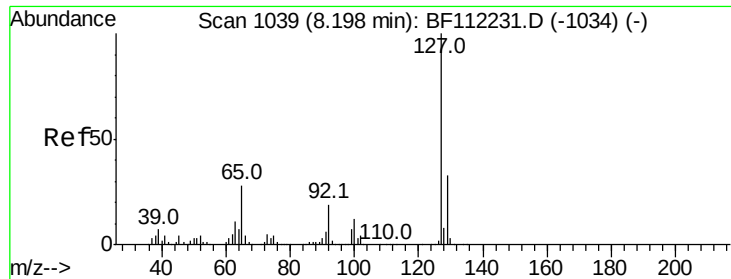
#32
Benzoic acid
Concen: 33.411 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.2	101.2	141.2	
77	88.4	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





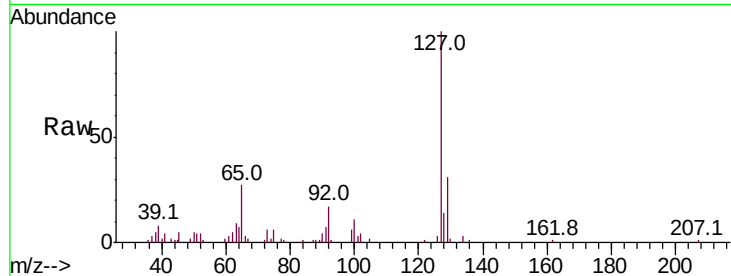
#33
4-Chloroaniline
Concen: 6.274 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		53805		
129	31.0	26.6	39.8		
65	26.9	21.4	32.2		
92	16.9	14.2	21.2		

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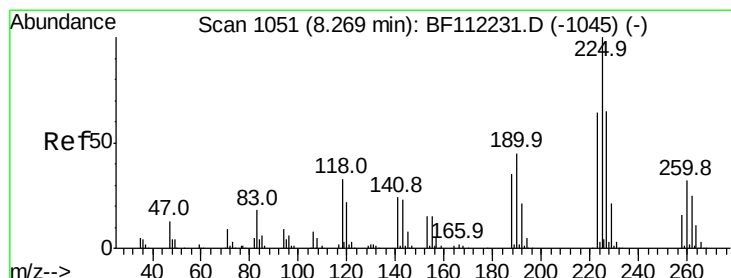
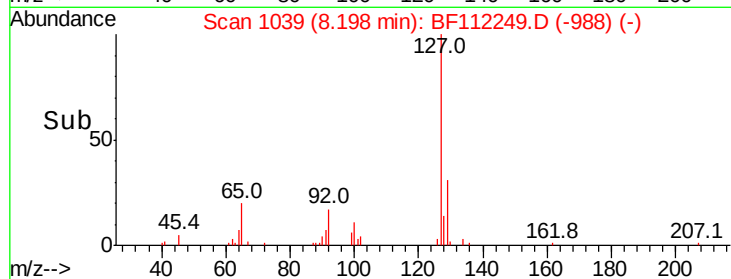
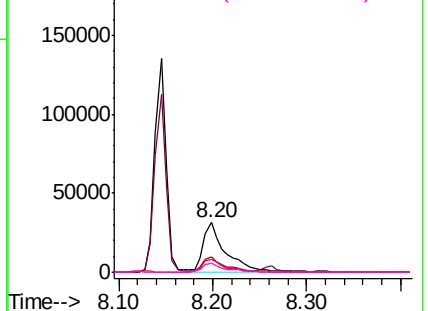
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

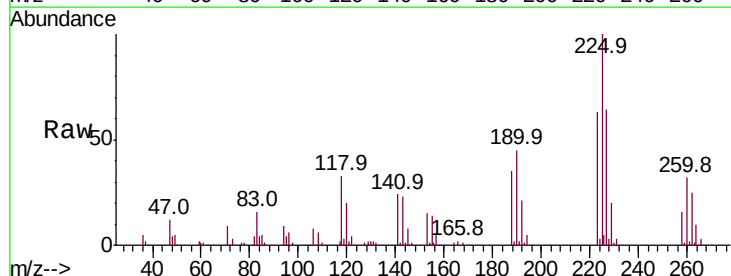
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.009 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		150146		
223	62.6	50.3	75.5		
227	64.0	51.8	77.8		

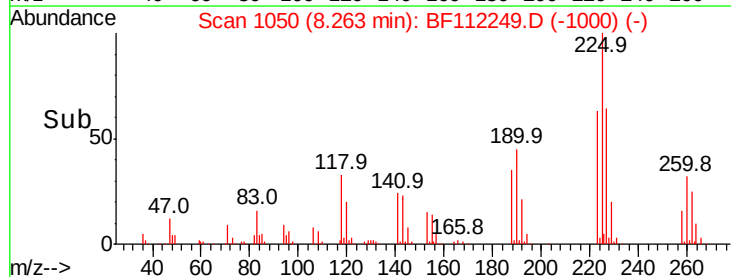
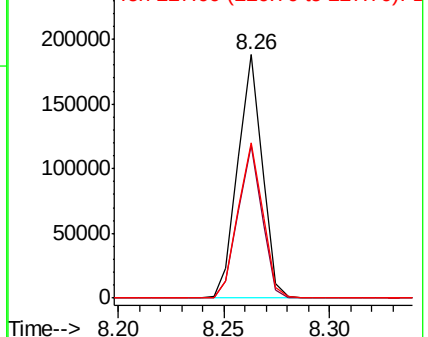


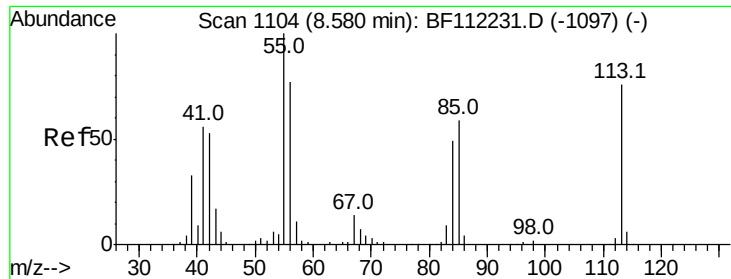
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.923 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

Tot Ion:113 Resp: 61370

Ion Ratio Lower Upper

113 100

55 136.2 121.6 161.6

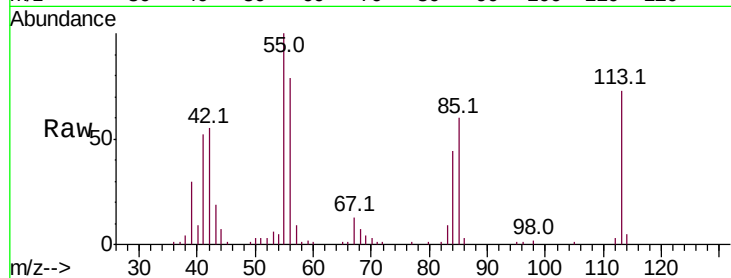
56 107.5 86.7 126.7

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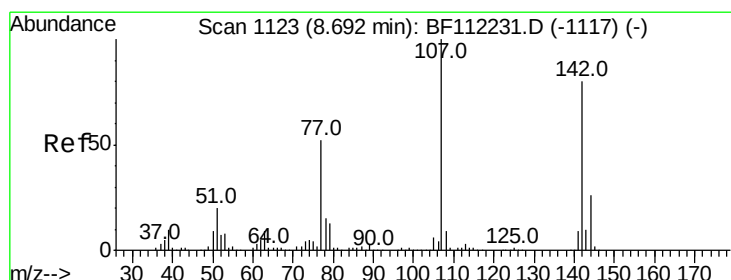
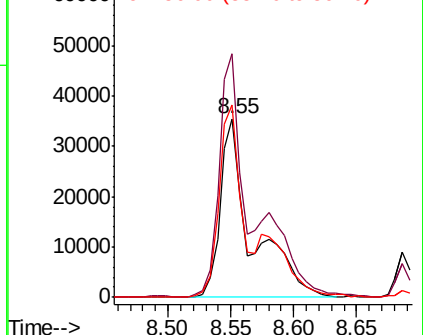
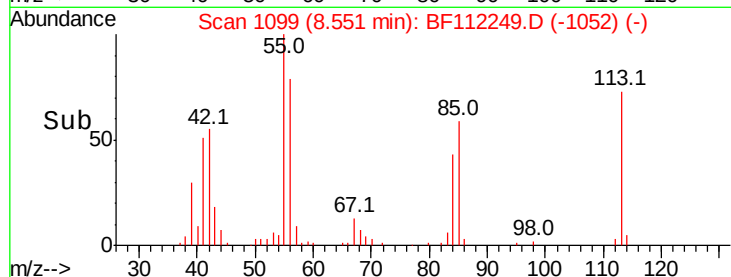
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.710 ng/ml

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

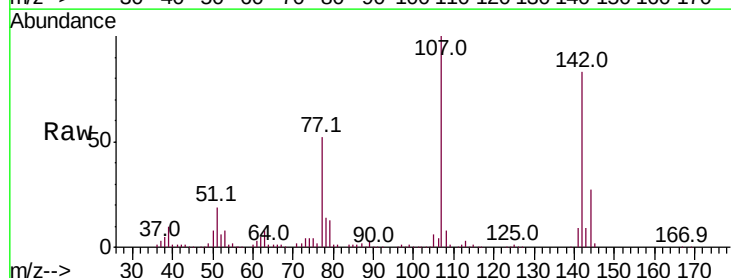
Tgt Ion:107 Resp: 252844

Ion Ratio Lower Upper

107 100

144 26.6 22.2 33.2

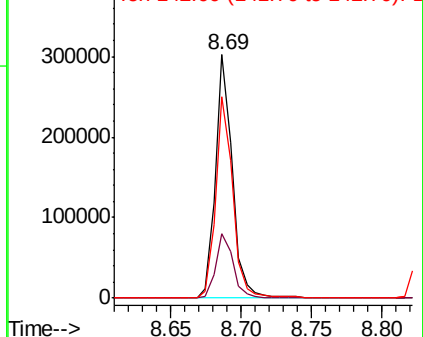
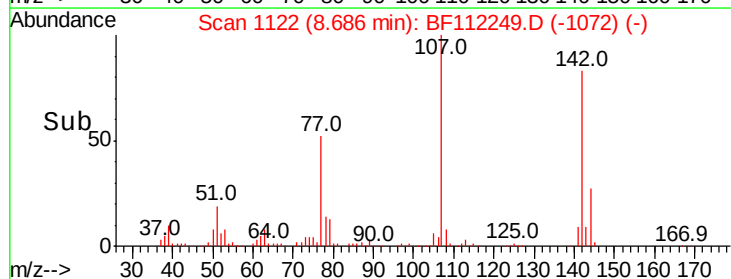
142 82.5 67.7 101.5

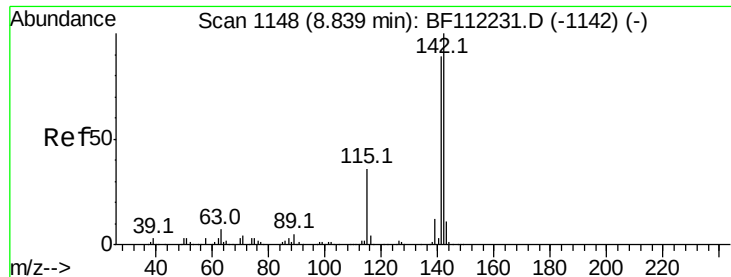


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





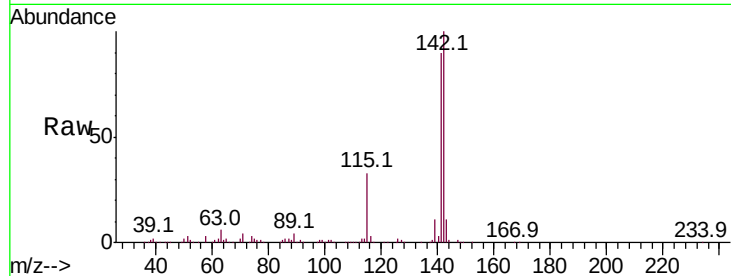
#37
2-Methylnaphthalene
Concen: 44.614 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	601511		
141	89.9	70.9	106.3	
115	33.0	24.9	37.3	

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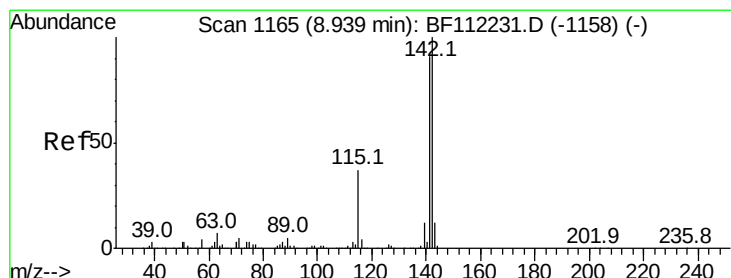
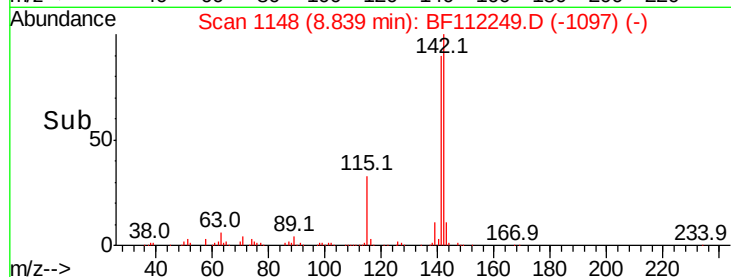
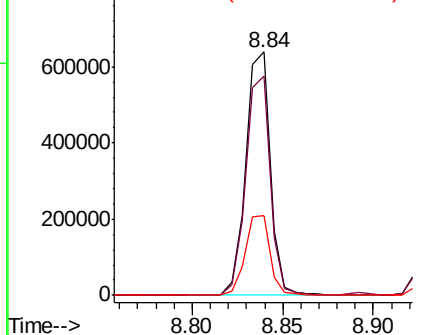


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.984 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

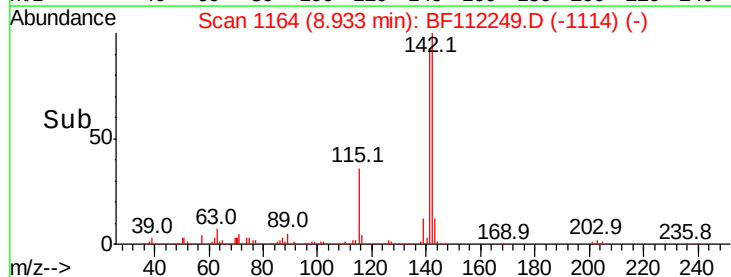
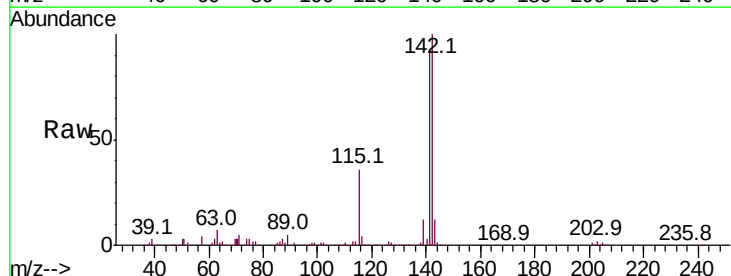
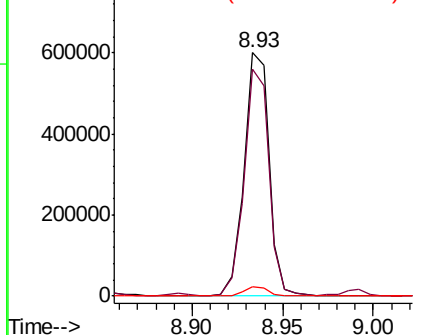
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	568401		
141	93.1	72.6	108.8	
116	3.7	2.8	4.2	

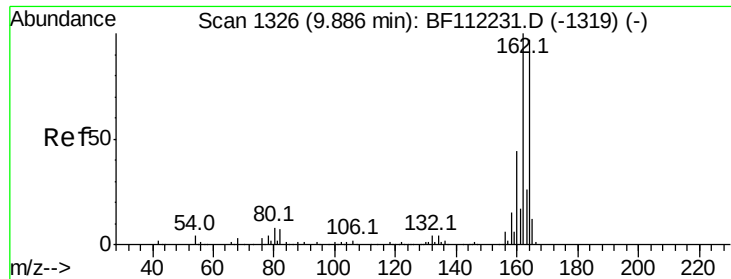
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





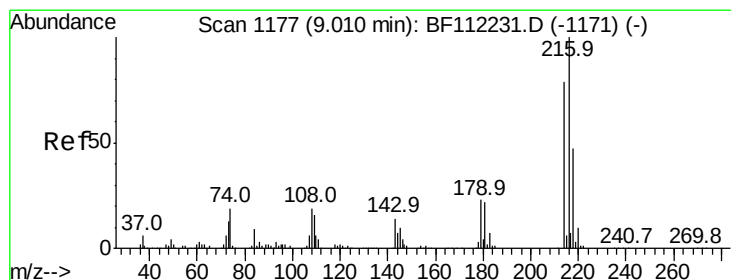
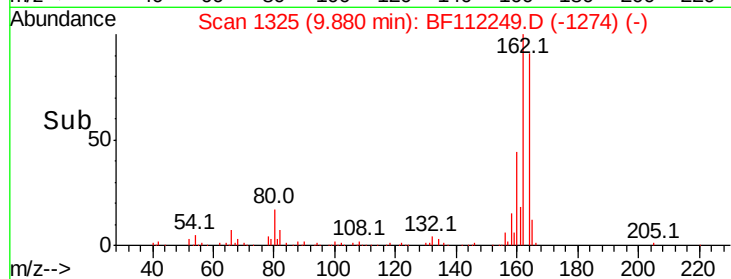
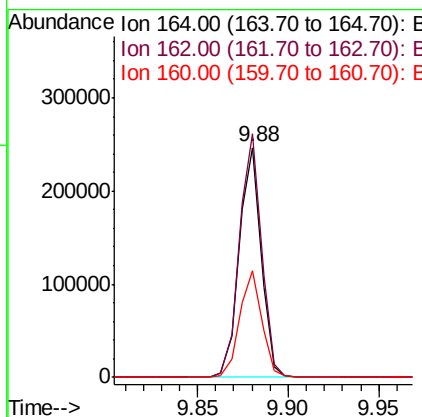
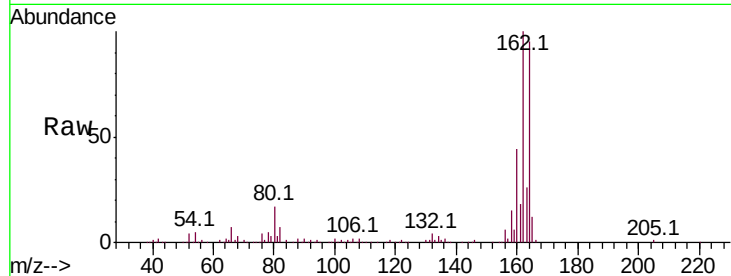
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.2	123.4
160	46.2	36.2	54.4

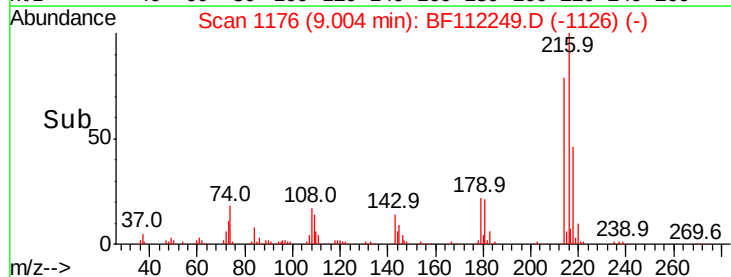
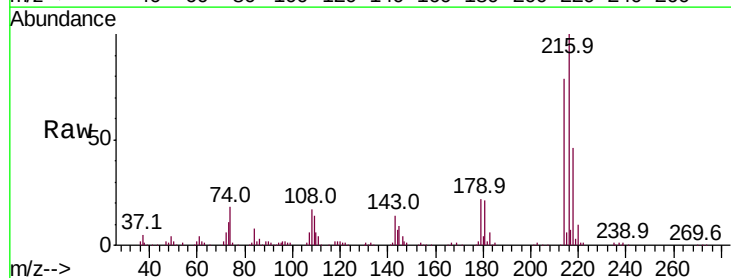
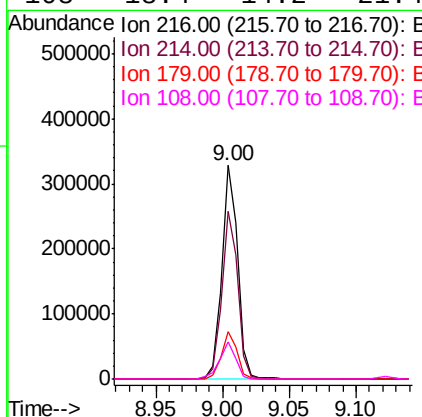
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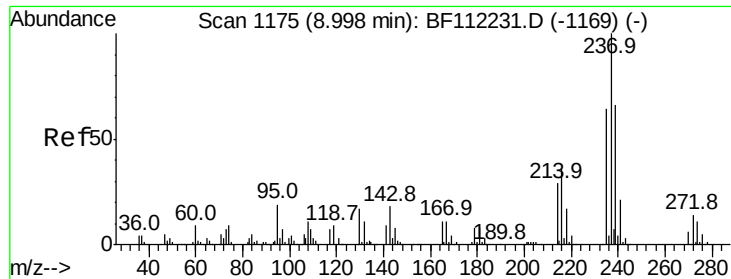
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.547 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	21.5	16.9	25.3
108	18.4	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 41.552 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

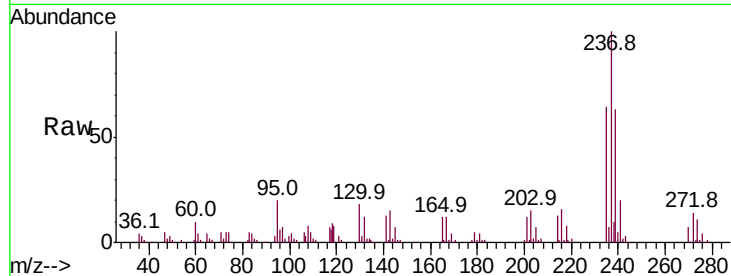
ClientSampleId :

BU-02-012319MS

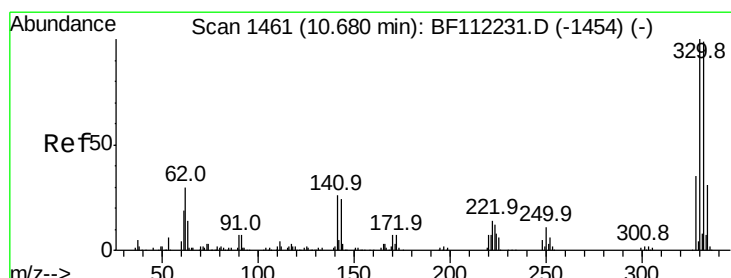
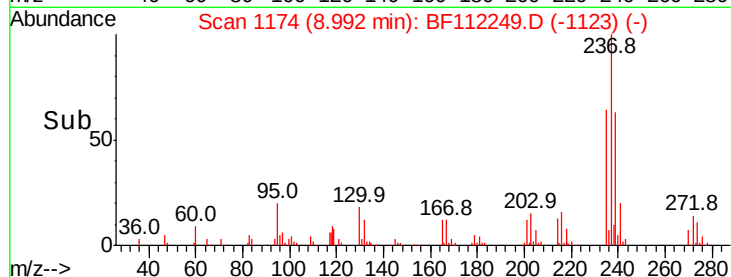
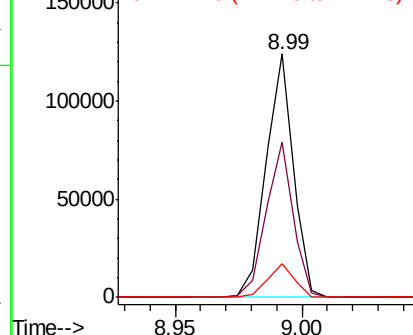
Tot Ion:	237	Resp:	93898
Ion Ratio	Lower	Upper	
237	100		
235	63.8	44.0	84.0
272	13.6	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 130.828 ng

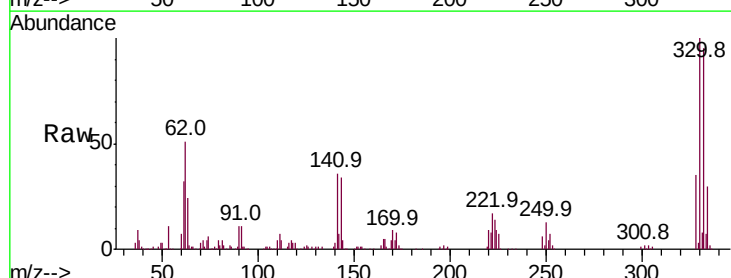
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

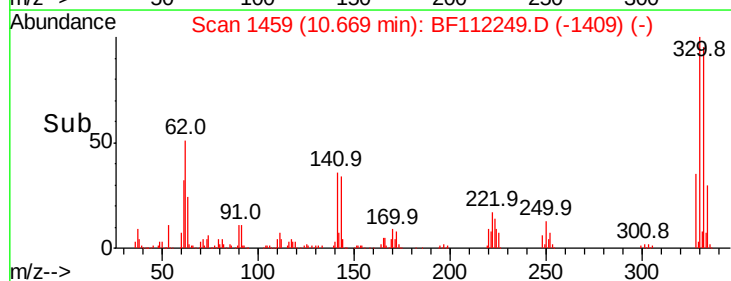
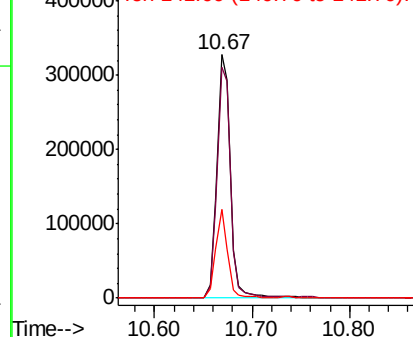
Lab File: BF112249.D

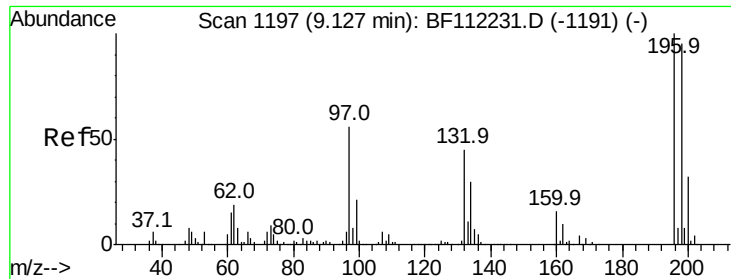
Acq: 25 Jan 2019 23:13

Tgt Ion:	330	Resp:	315958
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.6	114.8
141	32.4	24.3	36.5



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





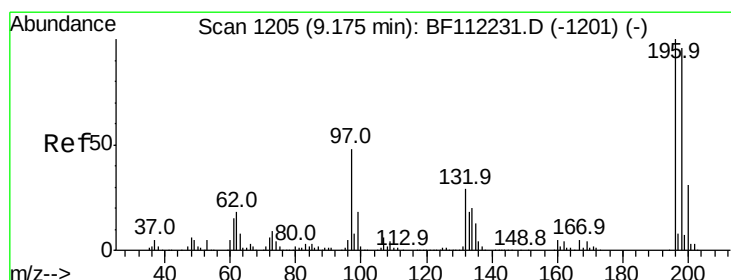
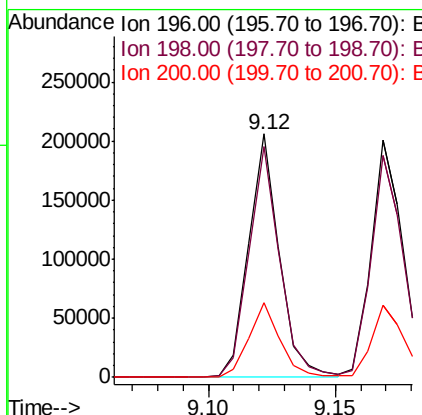
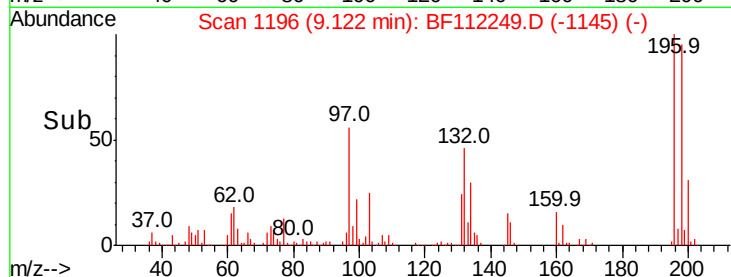
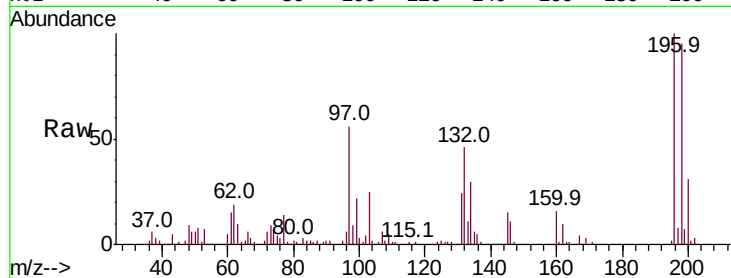
#43
 2,4,6-Trichlorophenol
 Concen: 41.611 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174736		
198	94.9	76.2	114.4	
200	30.6	24.3	36.5	

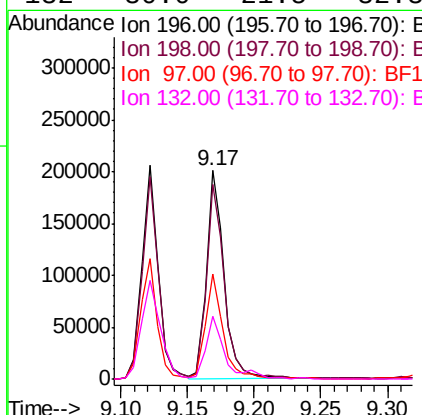
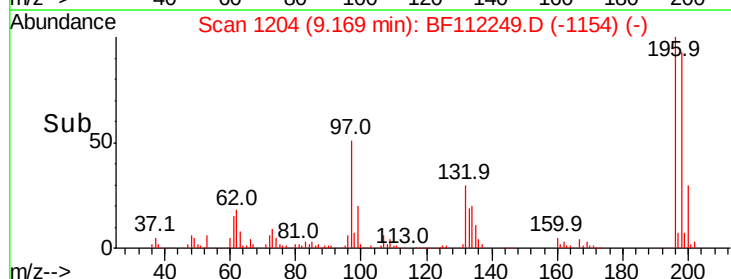
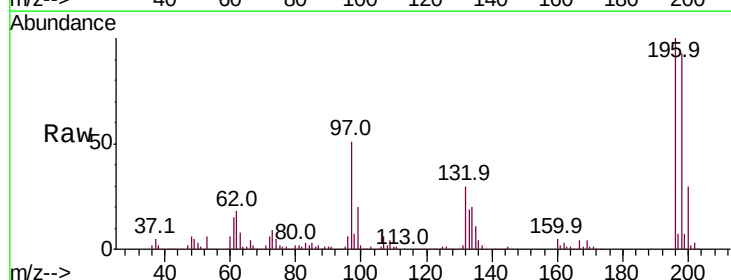
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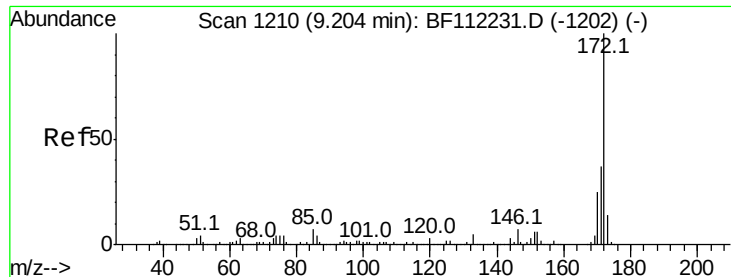
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#44
 2,4,5-Trichlorophenol
 Concen: 42.270 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185515		
198	93.2	76.0	114.0	
97	50.5	36.4	54.6	
132	30.0	21.5	32.3	





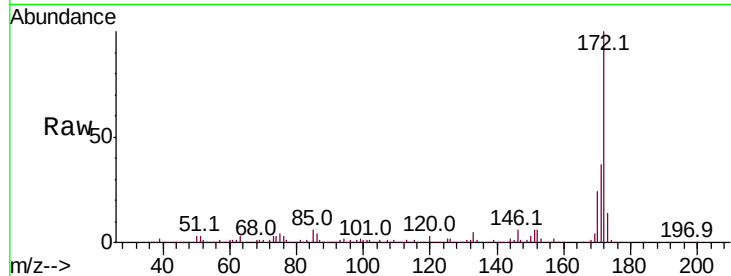
#45
2-Fluorobiphenyl
Concen: 88.034 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

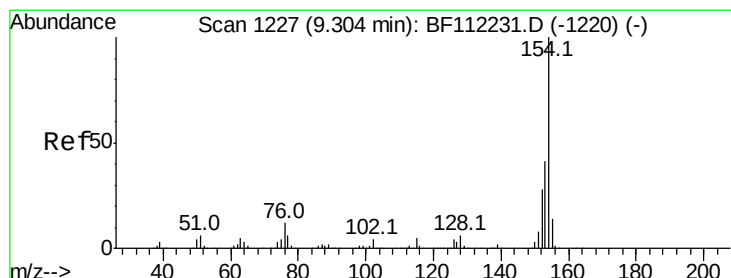
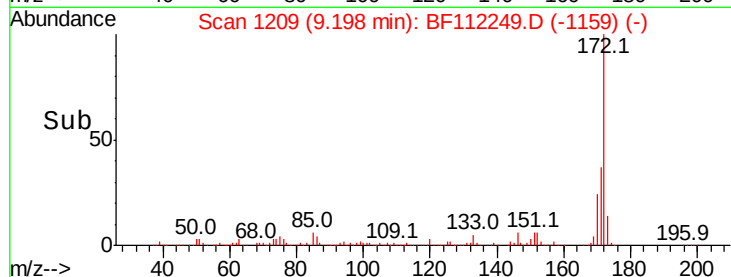
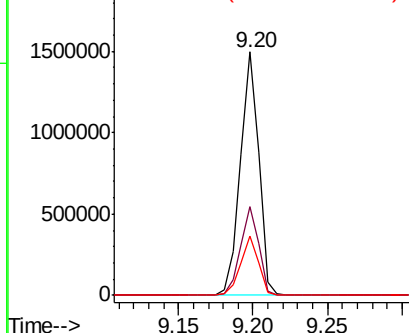
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.1	20.2	30.4

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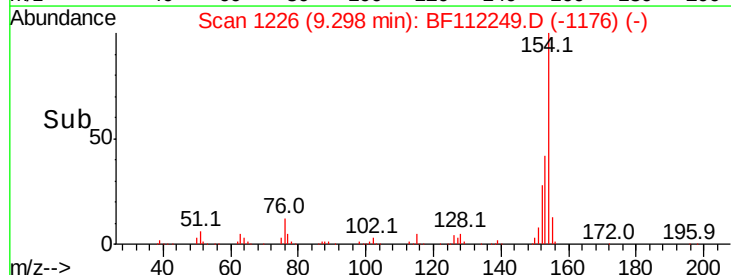
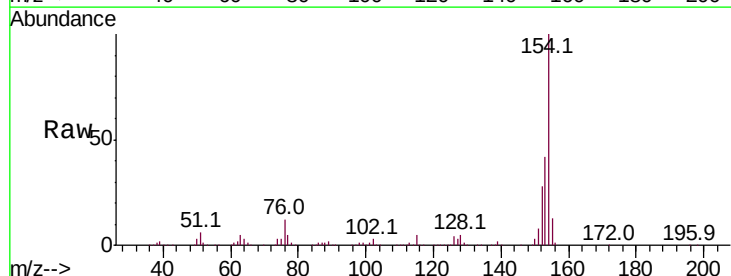
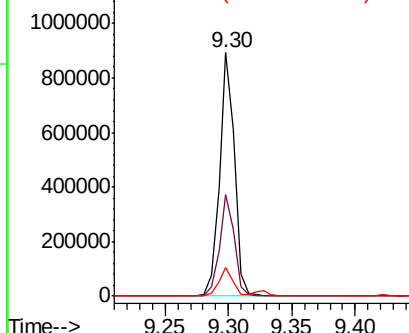
Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

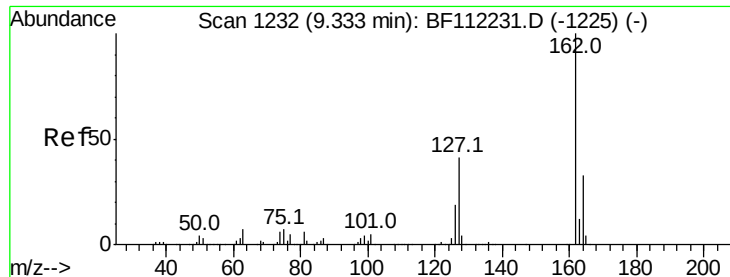


#46
1,1'-Biphenyl
Concen: 40.699 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.5	61.5
76	11.5	0.0	33.1

Abundance Ion 154.00 (153.70 to 154.70): E
1200000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





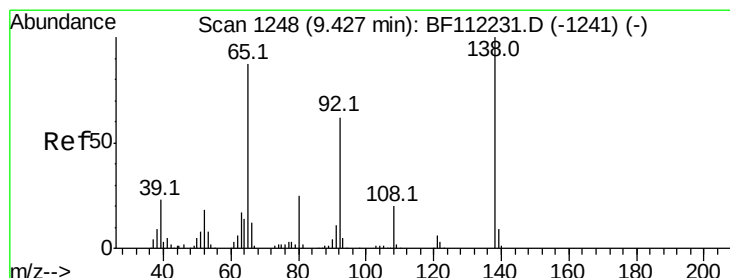
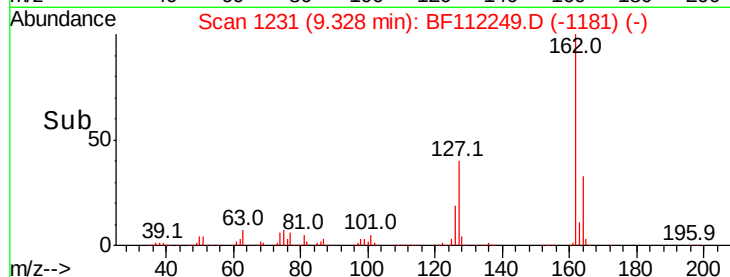
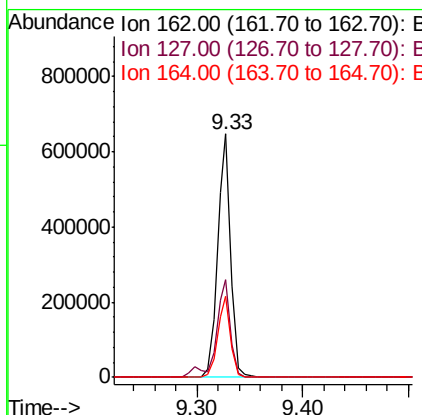
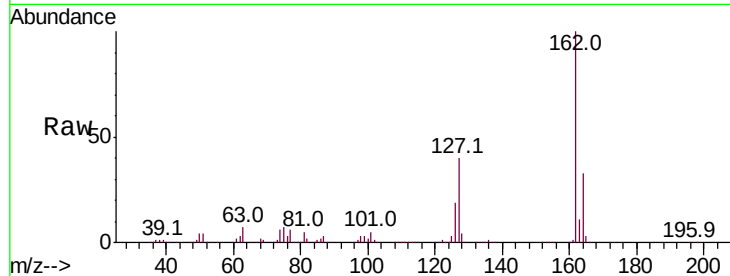
#47
2-Chloronaphthalene
Concen: 40.289 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.4	30.4	45.6	
164	33.1	27.4	41.2	

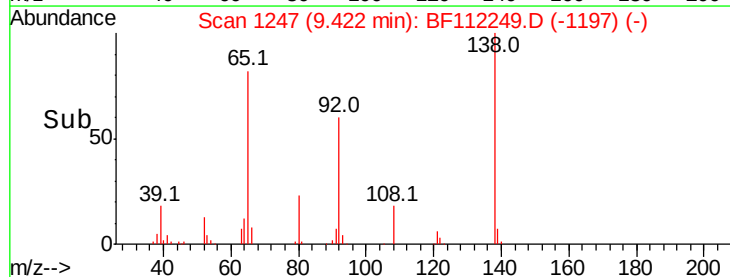
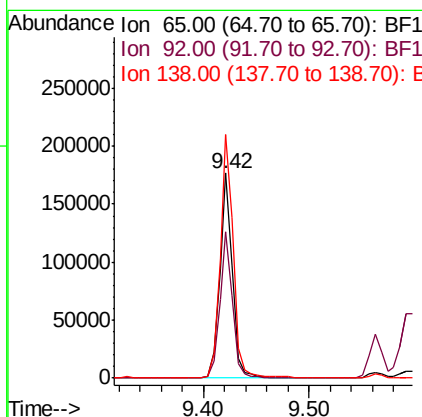
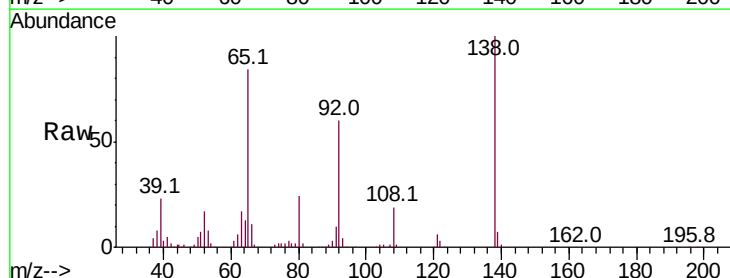
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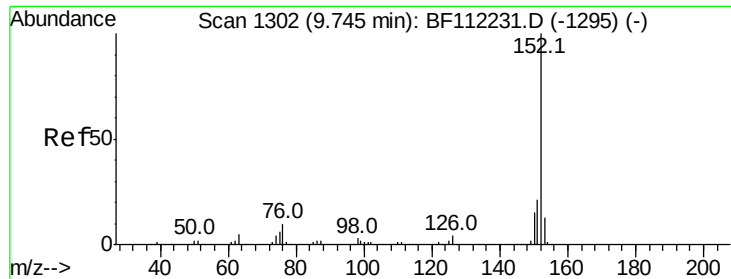
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#48
2-Nitroaniline
Concen: 39.362 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.1	60.4	90.6	
138	118.7	104.4	156.6	





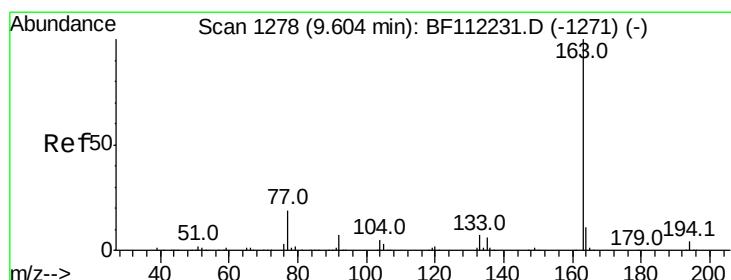
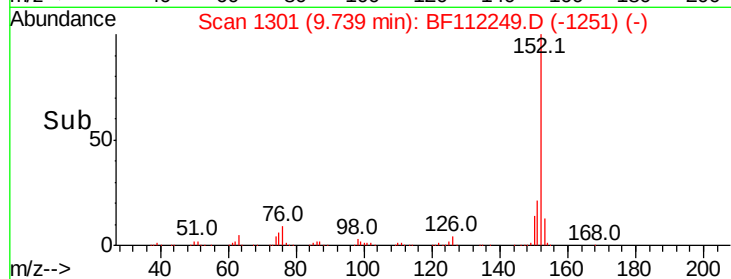
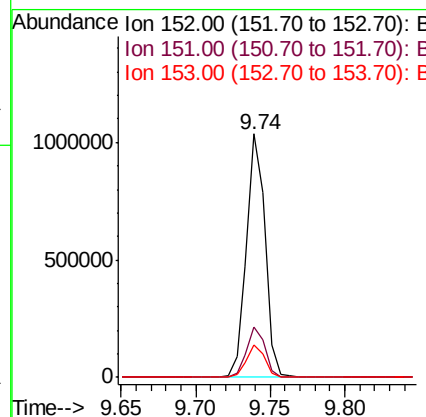
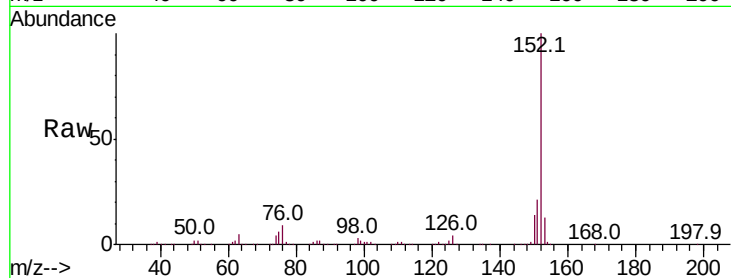
#49
Acenaphthylene
Concen: 43.834 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	903729		
151	20.6		17.0	25.6
153	13.4		11.2	16.8

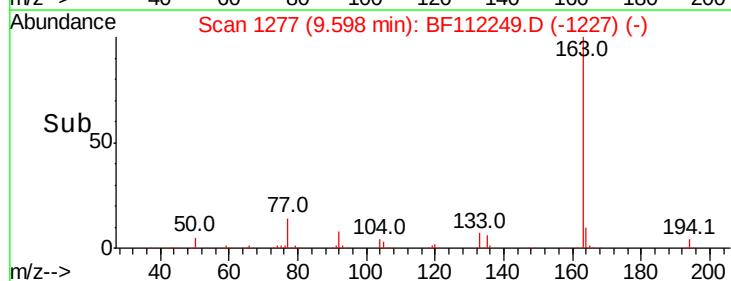
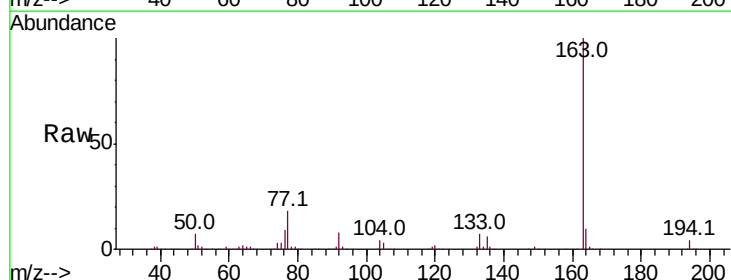
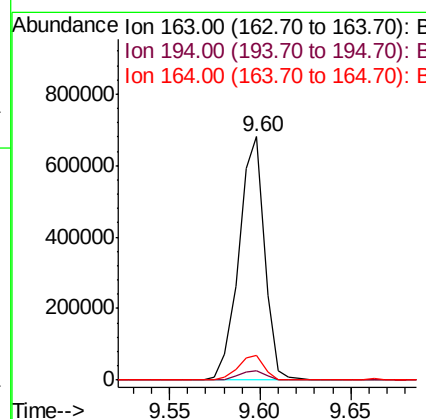
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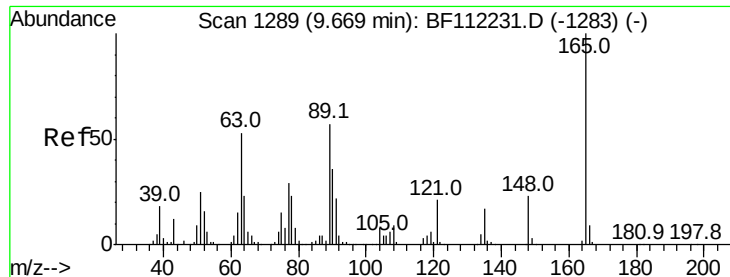
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#50
Dimethylphthalate
Concen: 41.524 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	669383		
194	3.9		3.3	4.9
164	10.0		8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 42.074 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

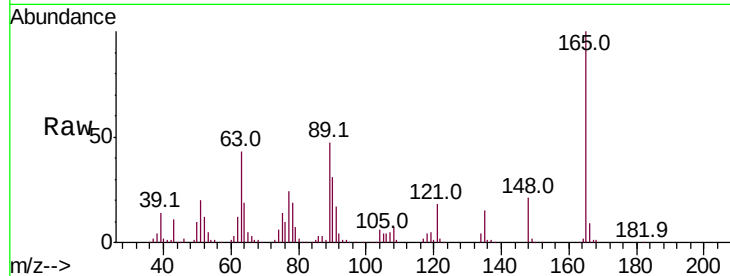
ClientSampleId :

BU-02-012319MS

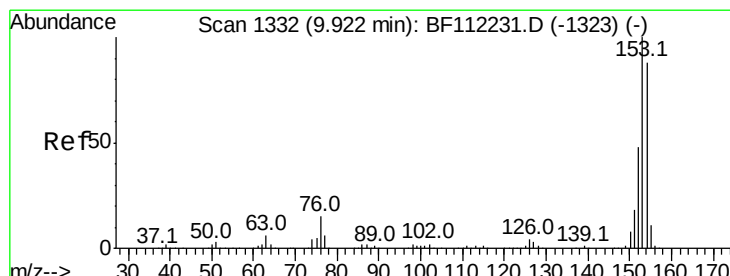
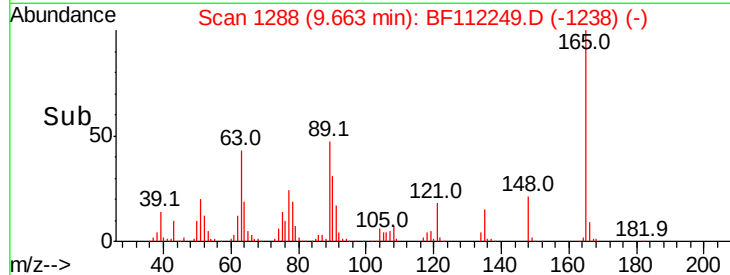
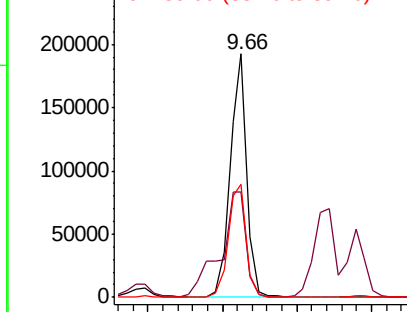
Tot Ion:	165	Resp:	151902
Ion Ratio	Lower	Upper	
165	100		
63	43.3	33.8	50.8
89	46.6	36.9	55.3

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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



#52

Acenaphthene

Concen: 42.147 ng

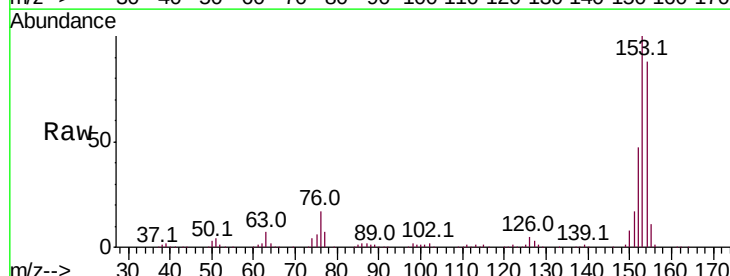
RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

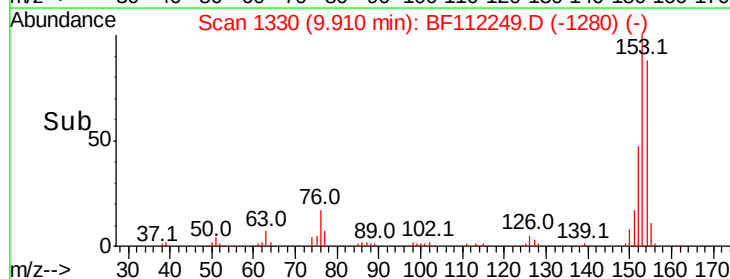
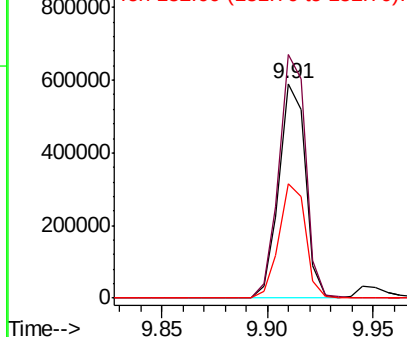
Lab File: BF112249.D

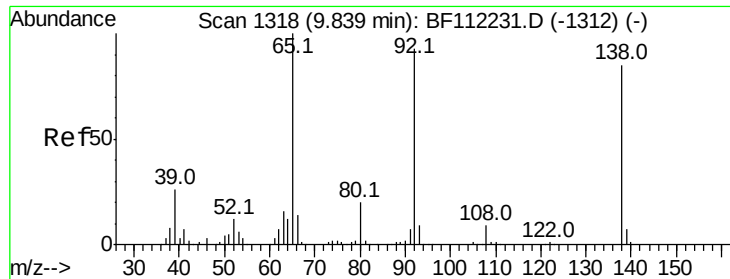
Acq: 25 Jan 2019 23:13

Tgt Ion:	154	Resp:	519085
Ion Ratio	Lower	Upper	
154	100		
153	113.6	89.8	134.6
152	53.3	43.5	65.3



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





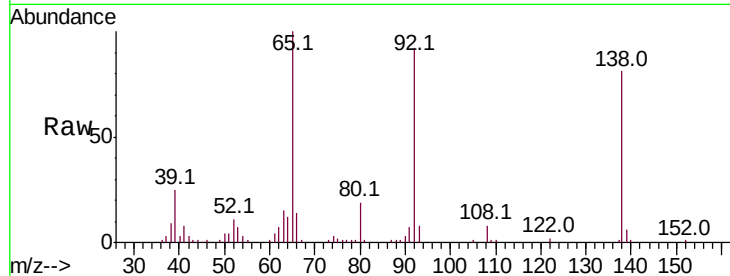
#53
3-Nitroaniline
Concen: 12.928 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.8	14.6
92	113.8	79.4	119.2

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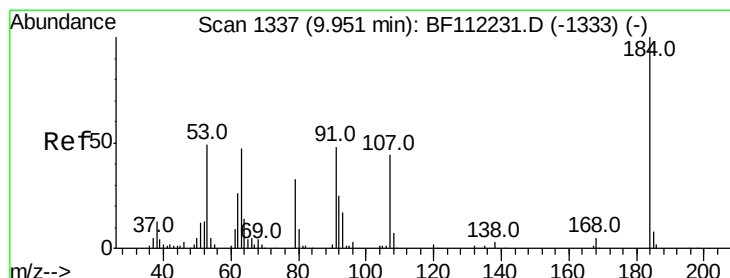
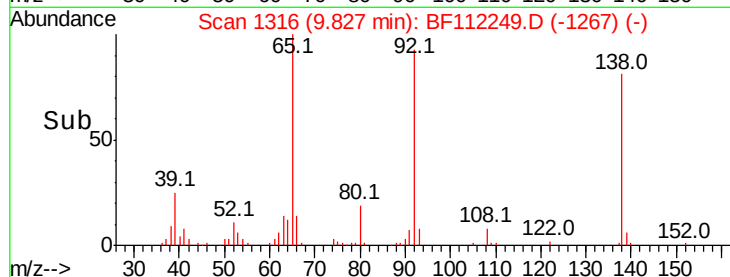
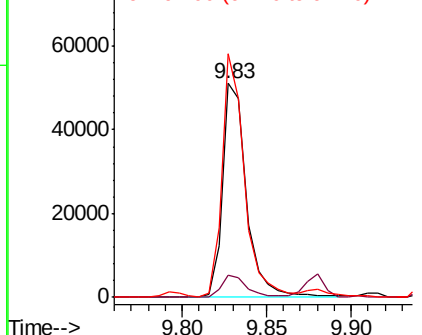


Abundance

Ion 138.00 (137.70 to 138.70): E

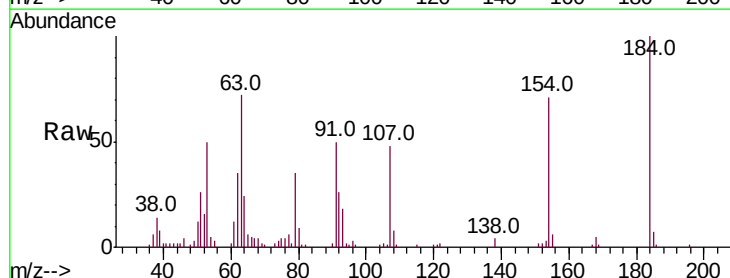
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 45.834 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	47.1	70.7#
154	70.6	48.9	73.3

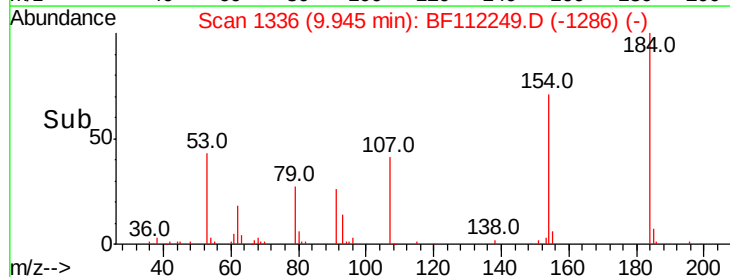
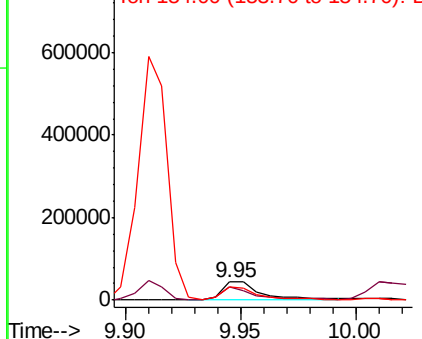


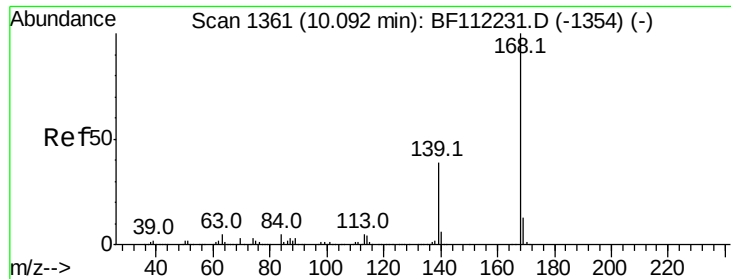
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





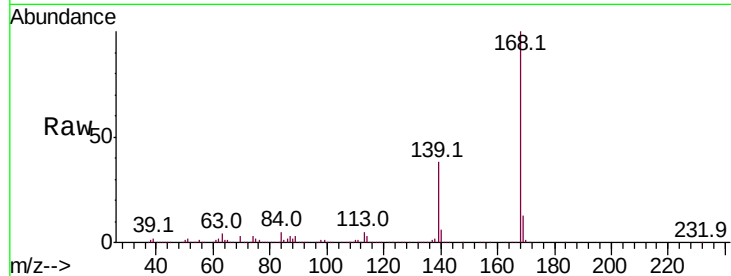
#55
Dibenzofuran
Concen: 42.608 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.0	29.2	43.8	
169	13.2	11.4	17.0	

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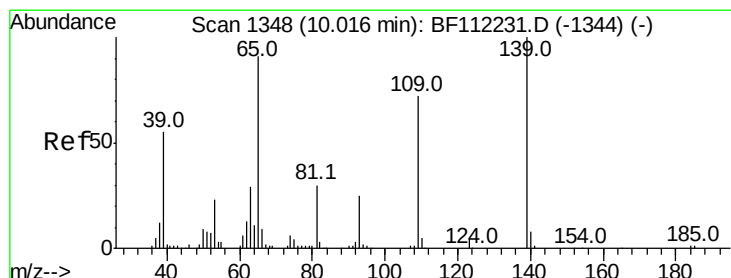
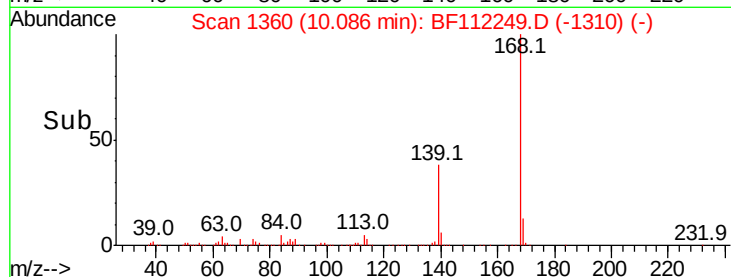
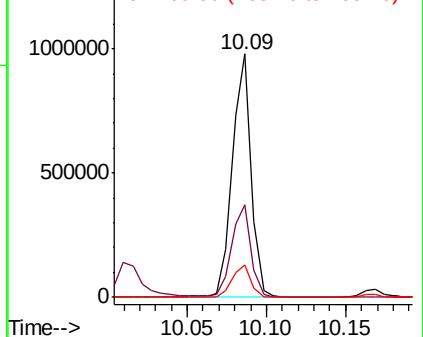


Abundance

Ion 168.00 (167.70 to 168.70): E

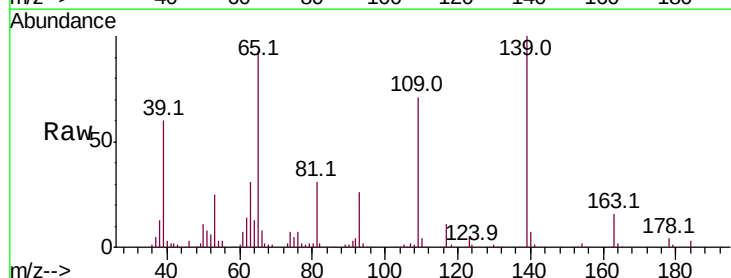
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 75.456 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.0	42.8	82.8	
65	93.1	66.1	106.1	

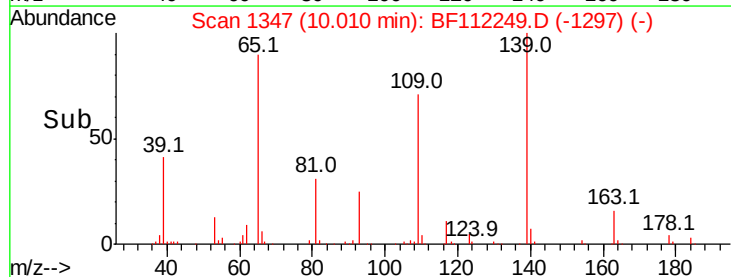
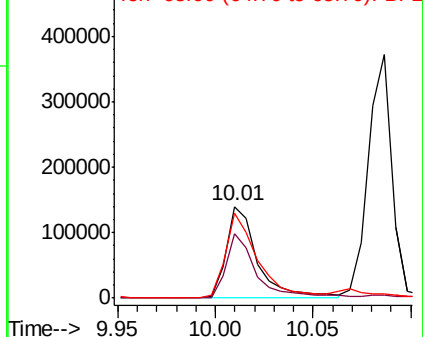


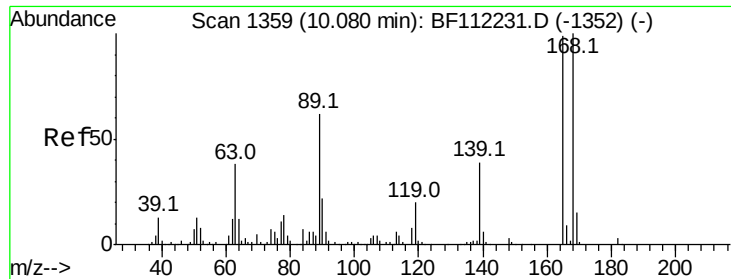
Abundance

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





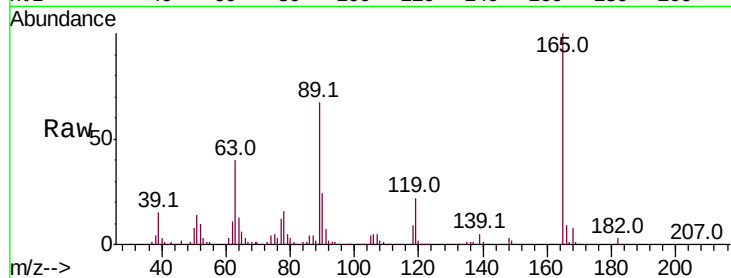
#57
 2,4-Dinitrotoluene
 Concen: 43.231 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

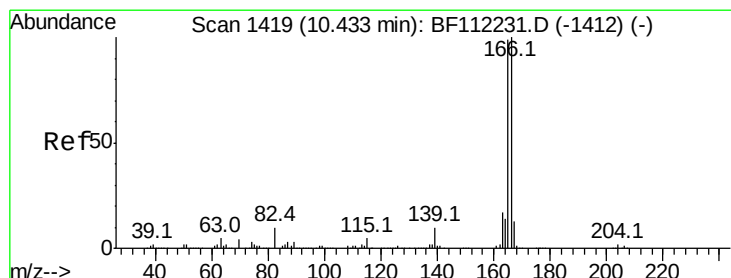
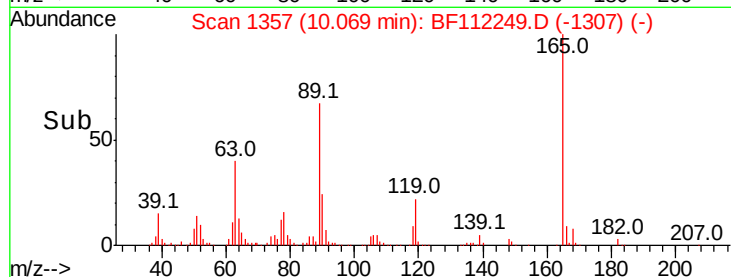
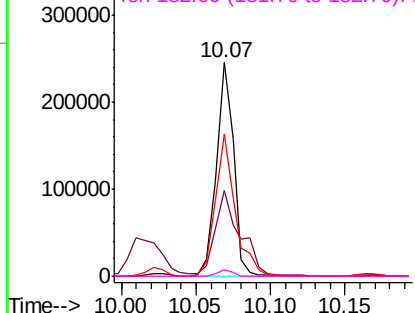
Tot Ion	Ratio	Resp	Lower	Upper
165	100	198701		
63	40.2	27.9	41.9	
89	66.5	47.9	71.9	
182	2.9	2.2	3.4	

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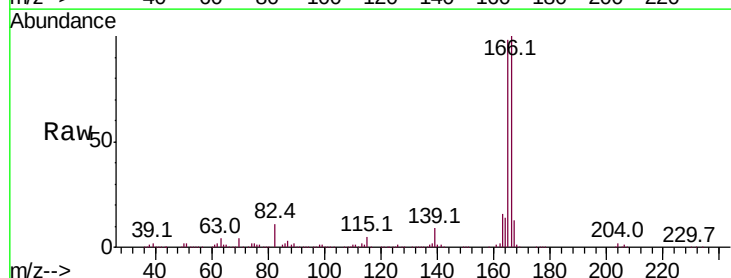


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

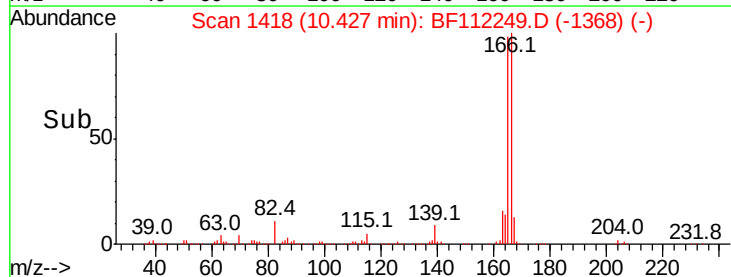
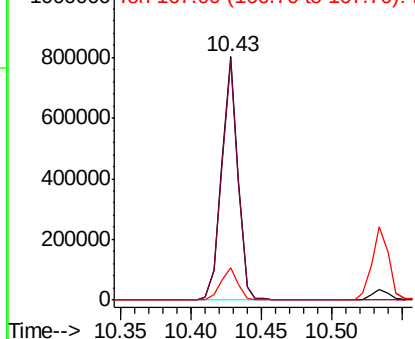


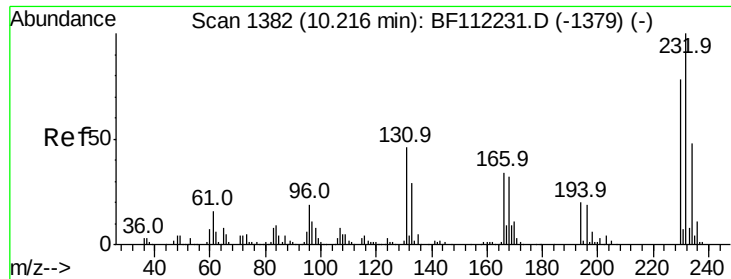
#58
 Fluorene
 Concen: 45.291 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	637893		
165	98.5	77.1	115.7	
167	13.3	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





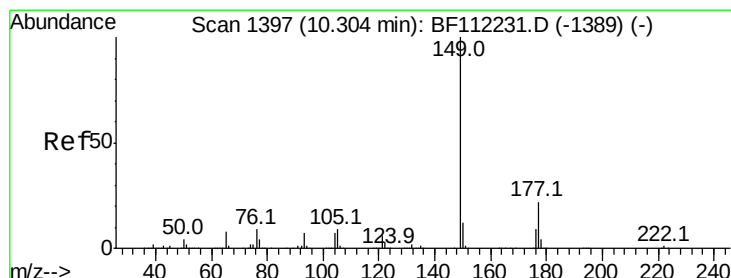
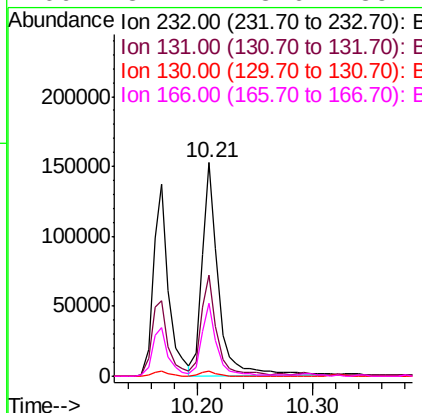
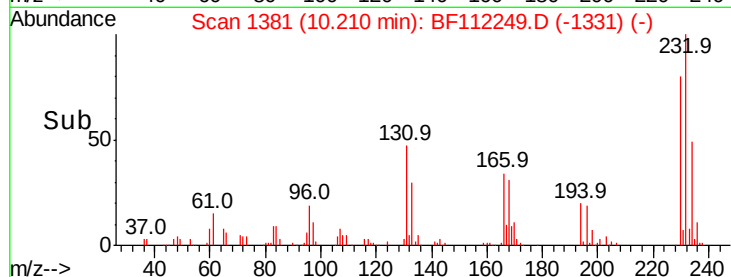
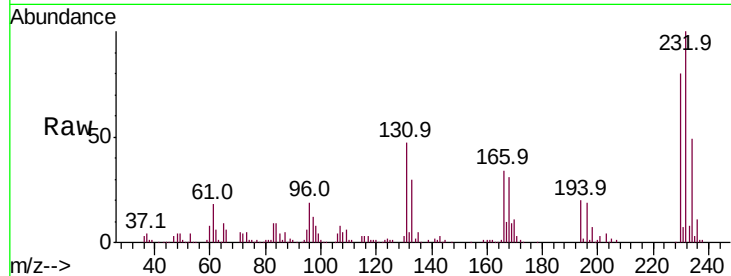
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.268 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	150137		
131	44.4		33.9	50.9
130	2.3		1.8	2.6
166	31.4		23.6	35.4

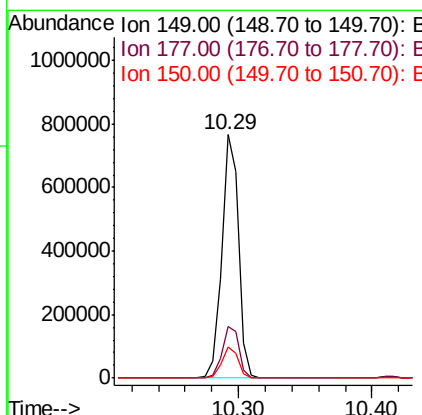
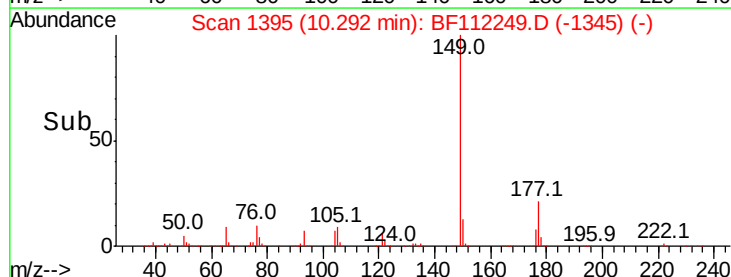
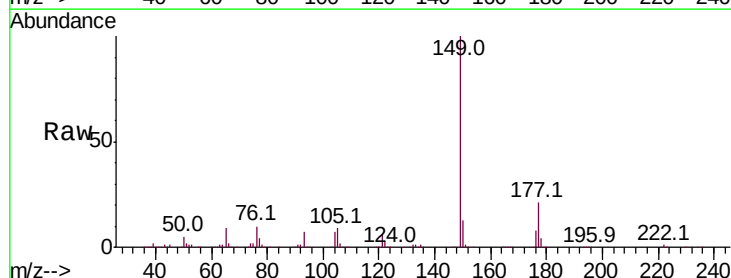
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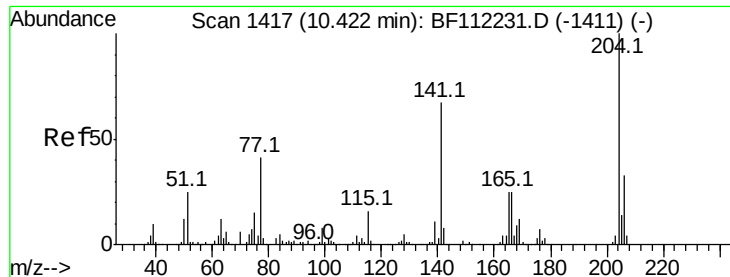
mohammad
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#60
 Diethylphthalate
 Concen: 42.307 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	676817		
177	21.0		18.2	27.2
150	12.8		10.4	15.6





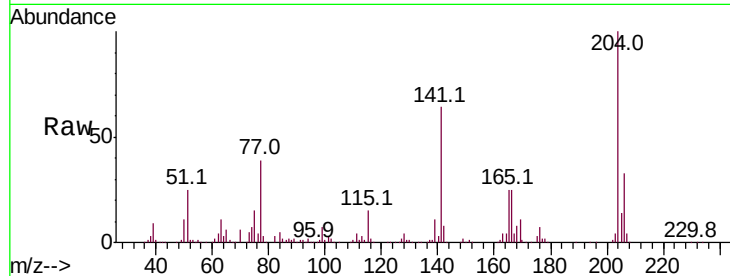
#61
4-Chlorophenyl-phenylether
Concen: 40.422 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.4	45.9	68.9

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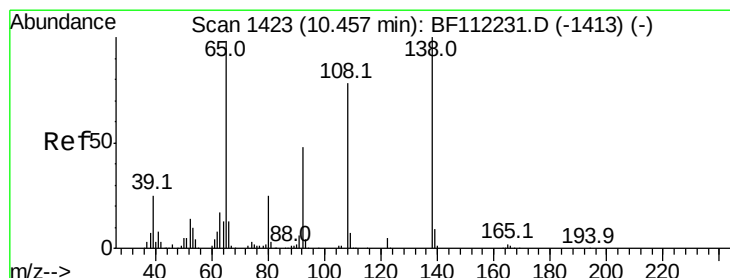
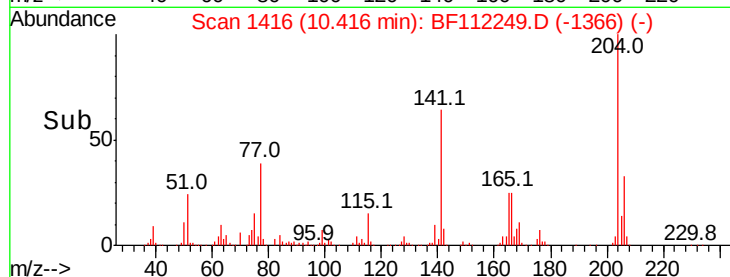
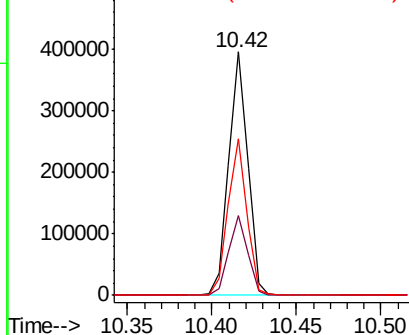


Abundance

Ion 204.00 (203.70 to 204.70): E

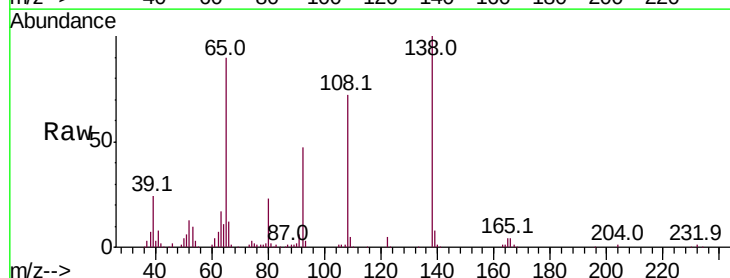
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.244 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	30.6	70.6
108	72.3	50.0	90.0

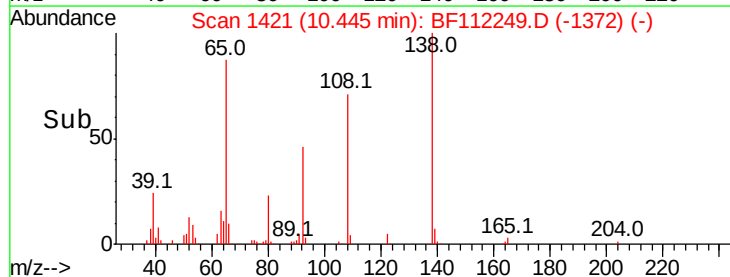
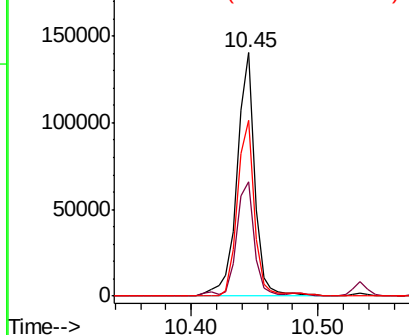


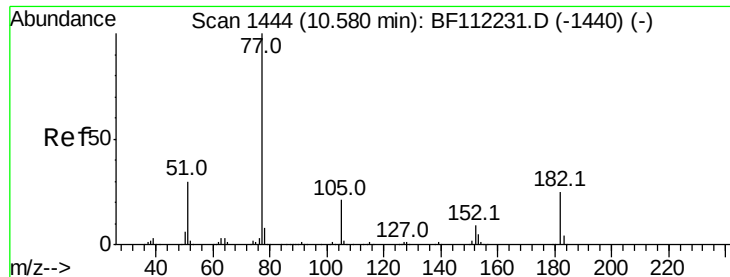
Abundance

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





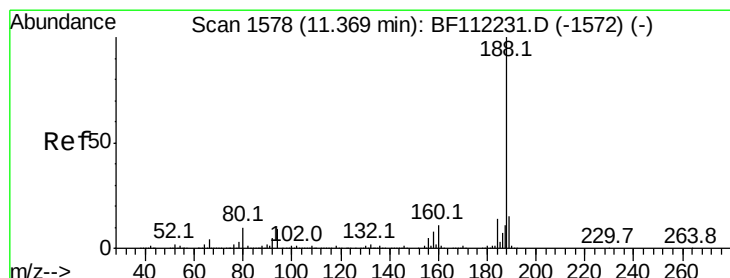
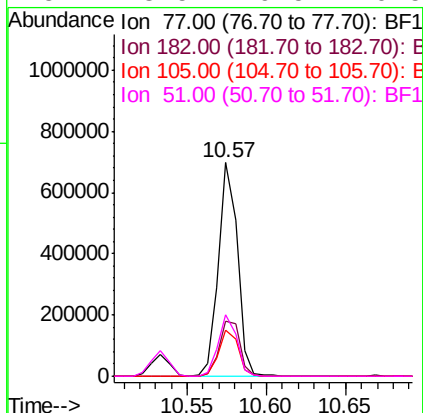
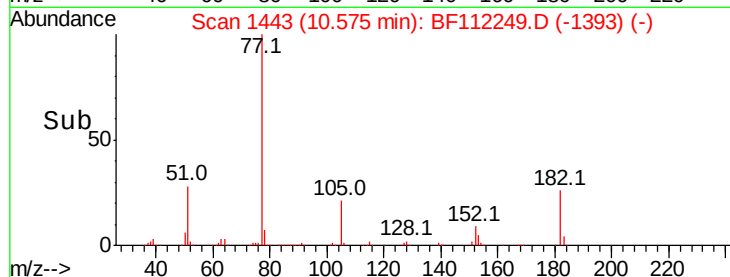
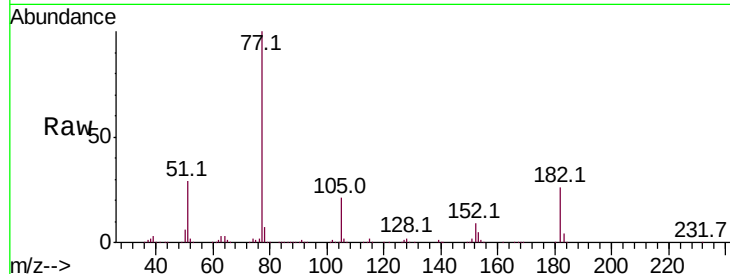
#63
Azobenzene
Concen: 41.072 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	5.7	45.7
105	21.5	1.4	41.4
51	28.5	9.5	49.5

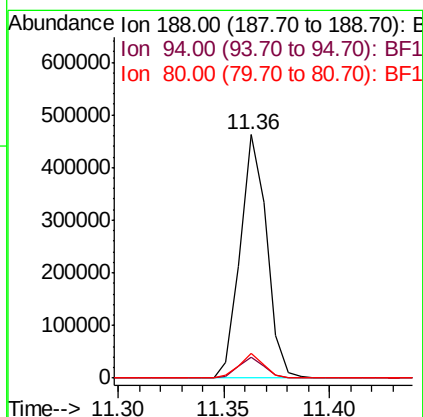
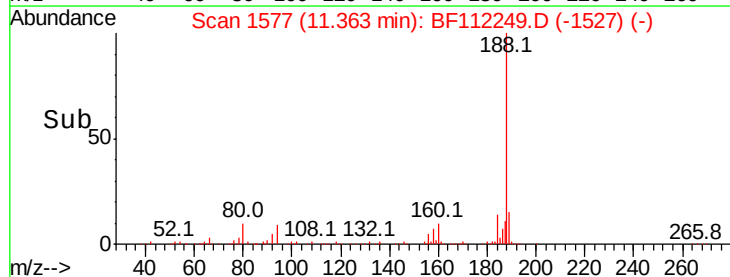
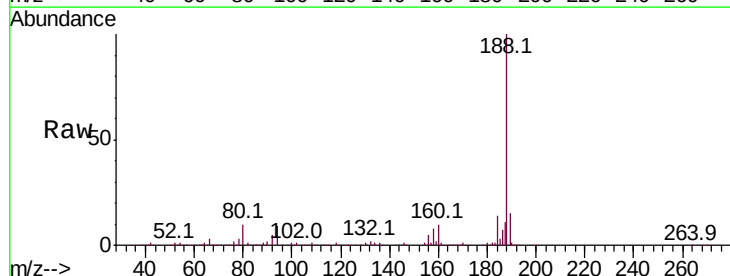
Manual Integrations
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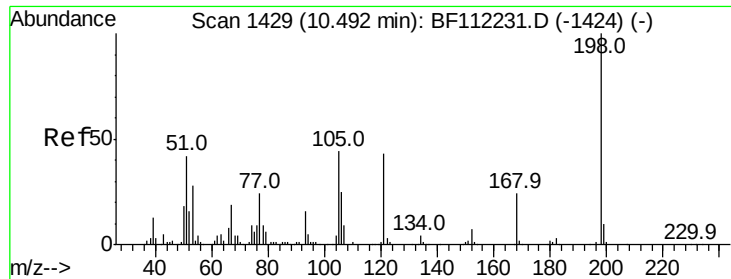
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	10.0	8.9	13.3





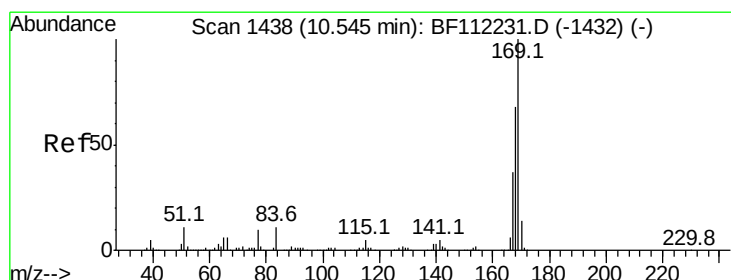
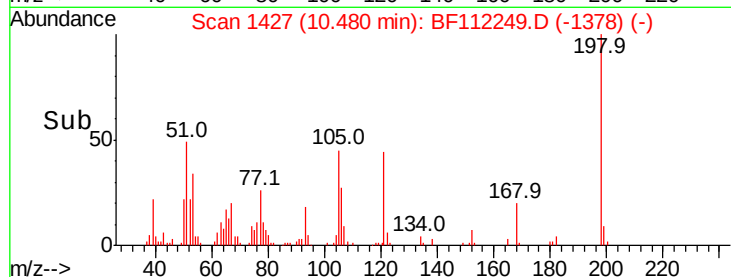
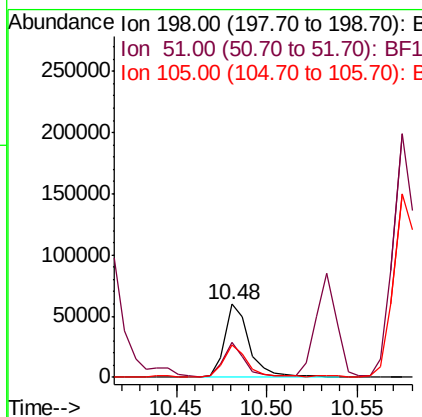
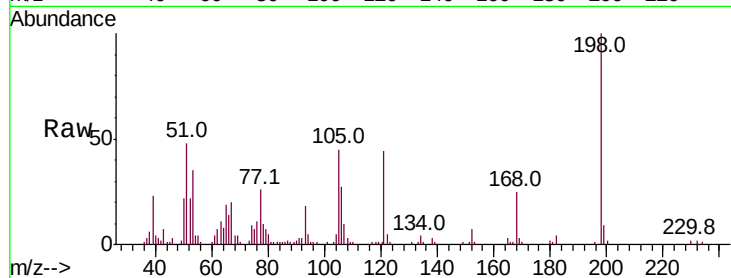
#65
4,6-Dinitro-2-methylphenol
Concen: 25.296 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.0	17.2	57.2
105	44.8	21.9	61.9

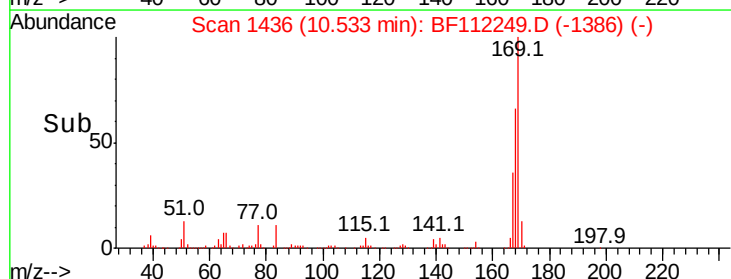
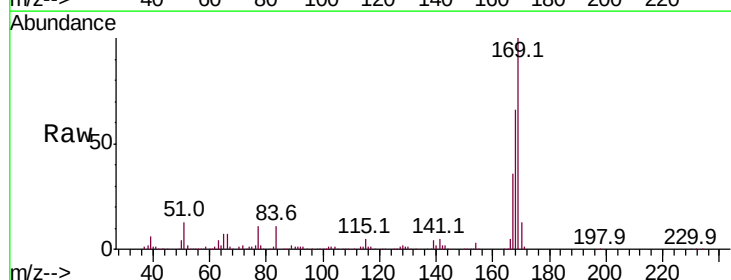
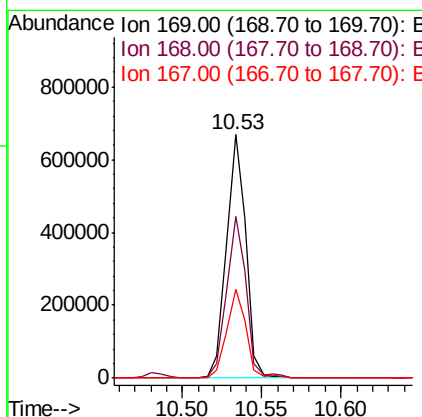
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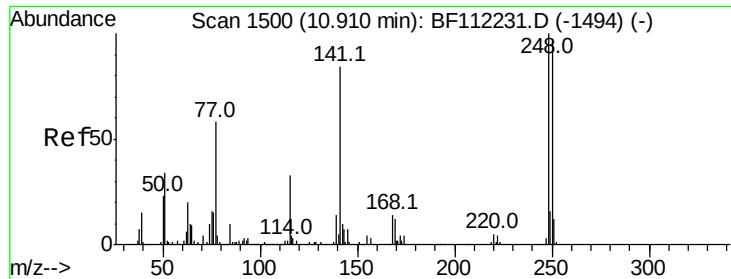
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#66
n-Nitrosodiphenylamine
Concen: 41.639 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.9	80.9
167	36.3	28.9	43.3





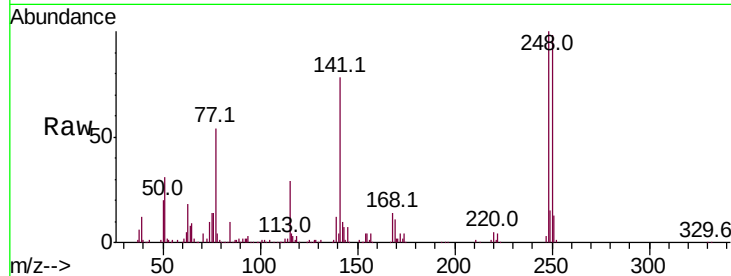
#67
4-Bromophenyl-phenylether
Concen: 39.914 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.7	119.5
141	77.8	60.3	90.5

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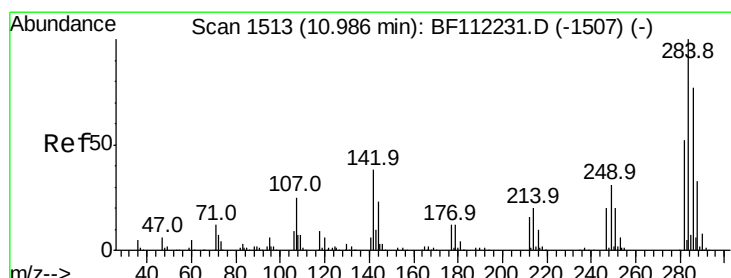
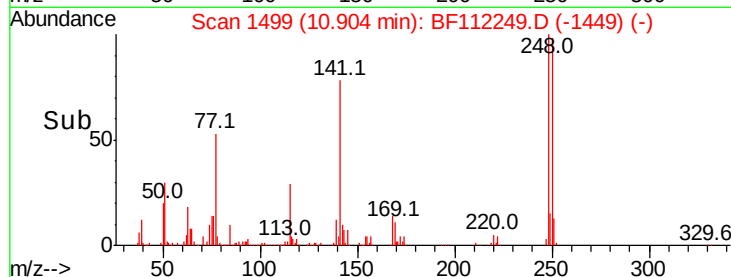
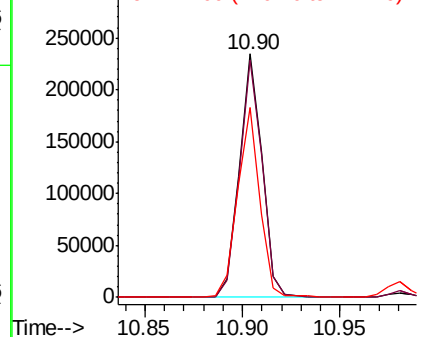


Abundance

Ion 248.00 (247.70 to 248.70): E

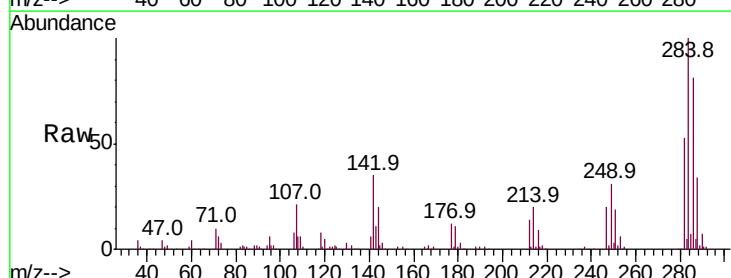
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.304 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.6	41.4
249	31.2	24.1	36.1

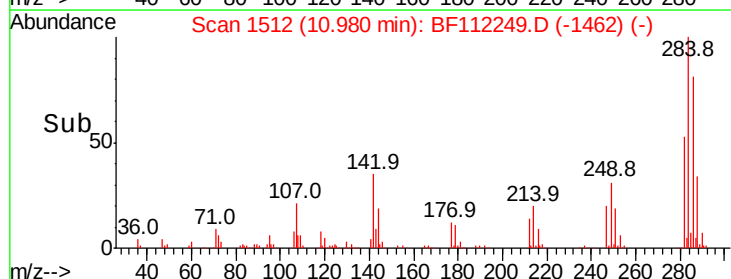
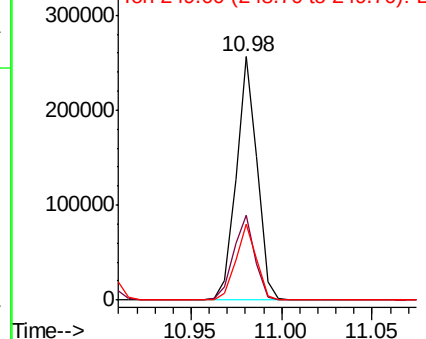


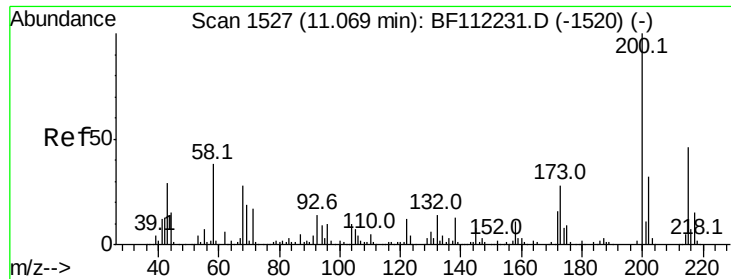
Abundance

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





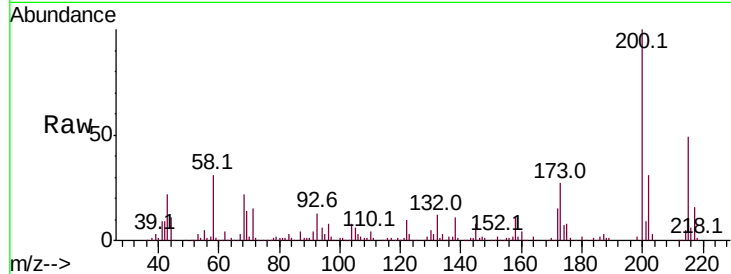
#69
Atrazine
Concen: 42.313 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.1	47.1
215	49.4	30.4	70.4

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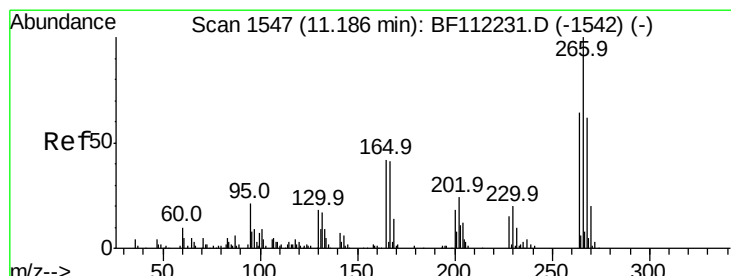
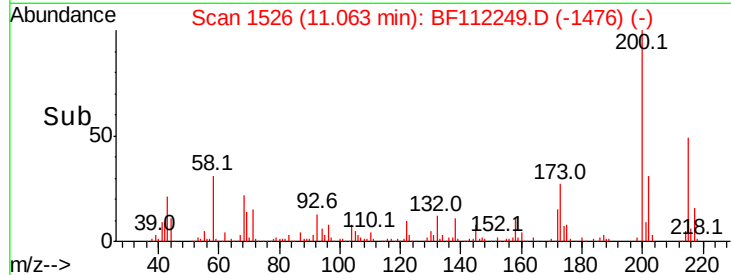
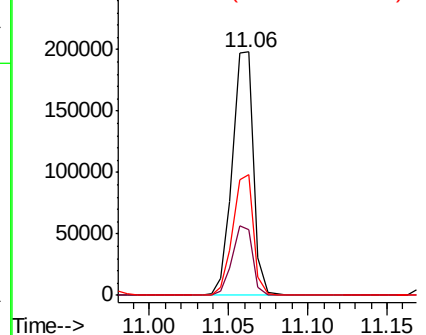


Abundance

Ion 200.00 (199.70 to 200.70): E

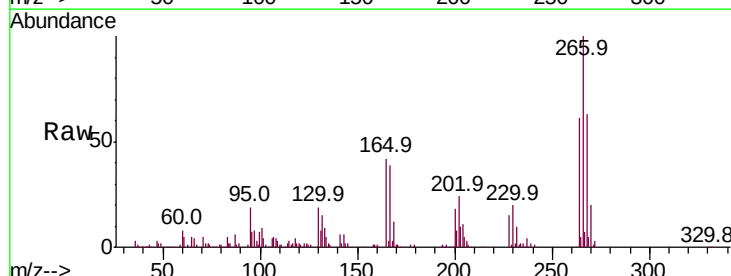
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.682 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.2	76.8
264	61.0	50.9	76.3

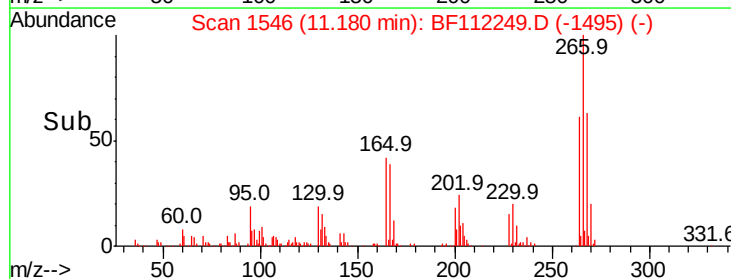
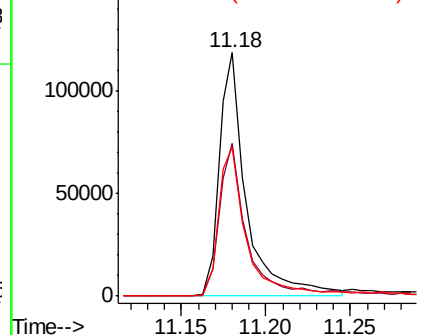


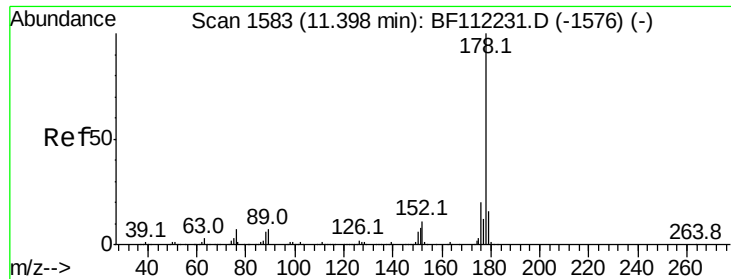
Abundance

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





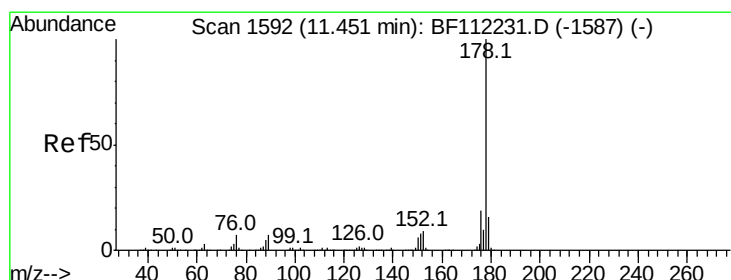
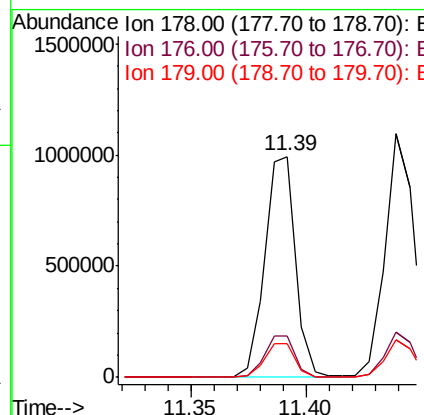
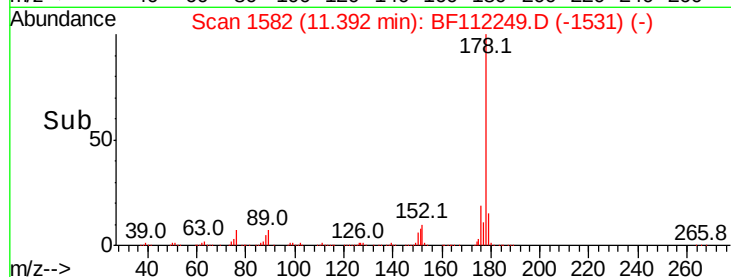
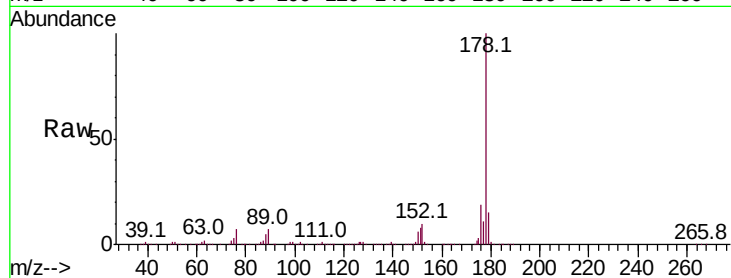
#71
Phenanthrene
Concen: 44.075 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	15.2	13.0	19.4

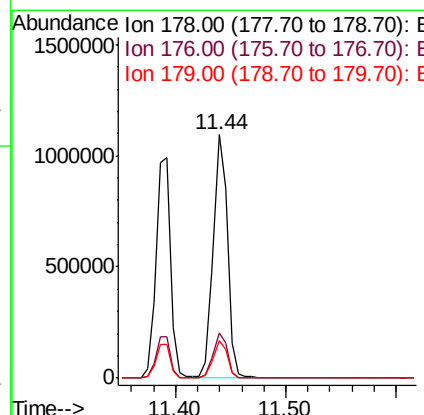
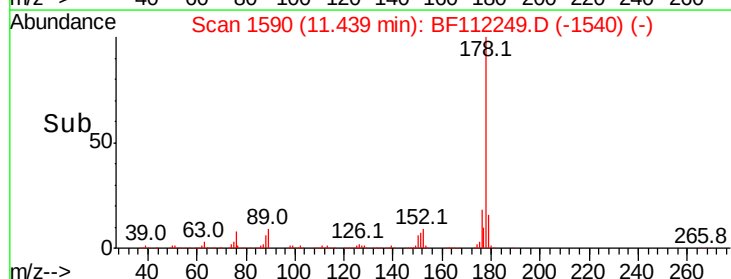
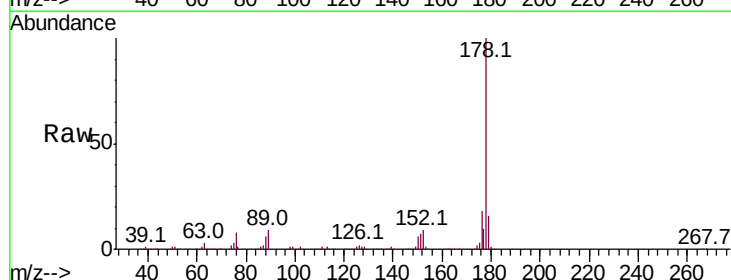
Manual Integrations
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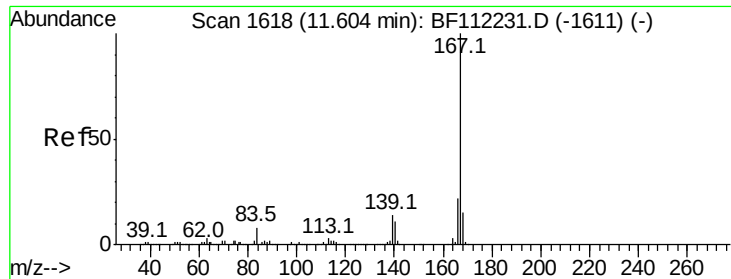
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#72
Anthracene
Concen: 45.993 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.5	12.8	19.2





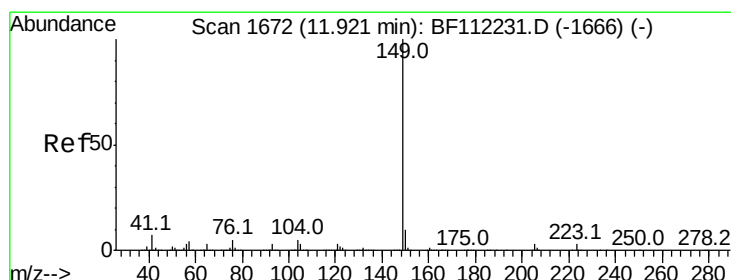
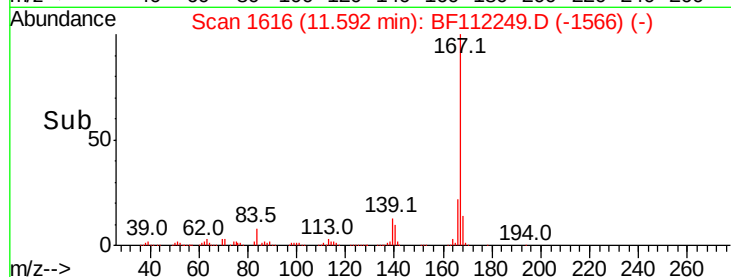
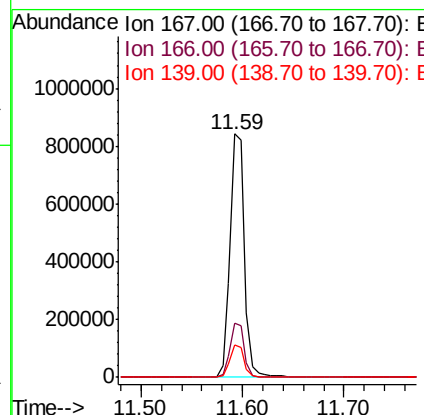
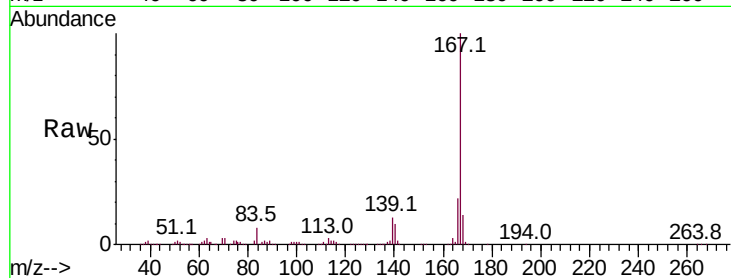
#73
 Carbazole
 Concen: 40.272 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	13.4	10.2	15.2

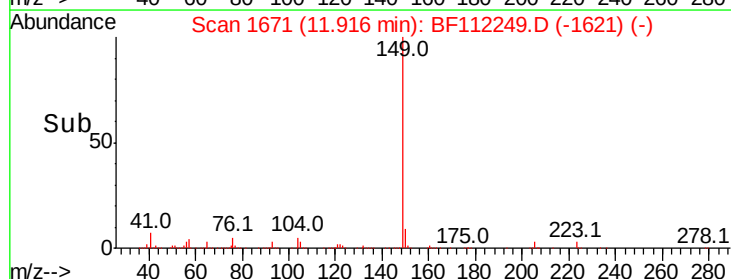
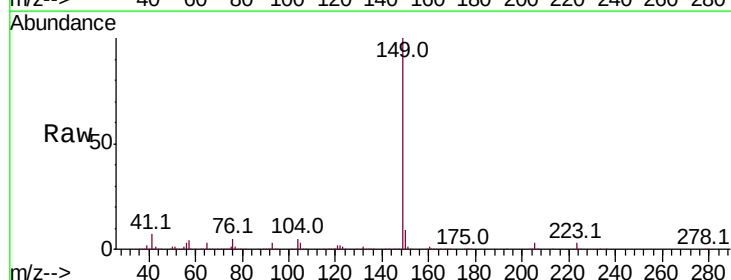
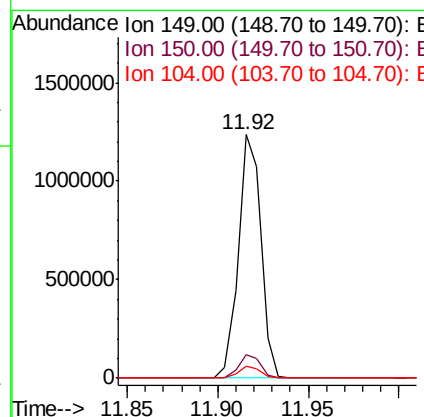
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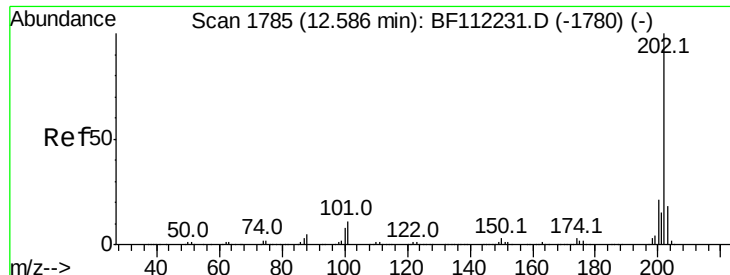
mohammad
 1/29/2019 12:31:46 AM



#74
 Di-n-butylphthalate
 Concen: 41.931 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.8	3.9	5.9





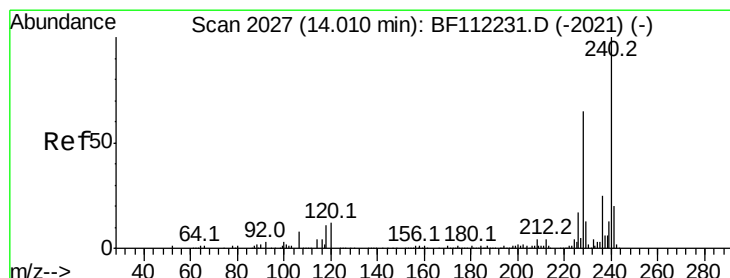
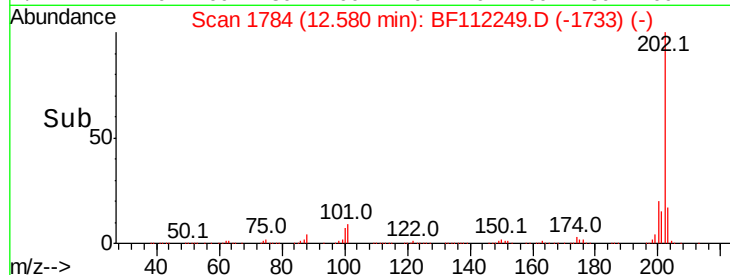
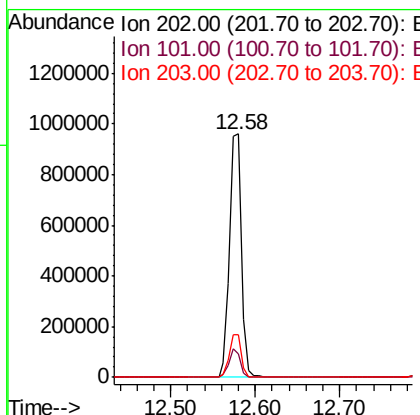
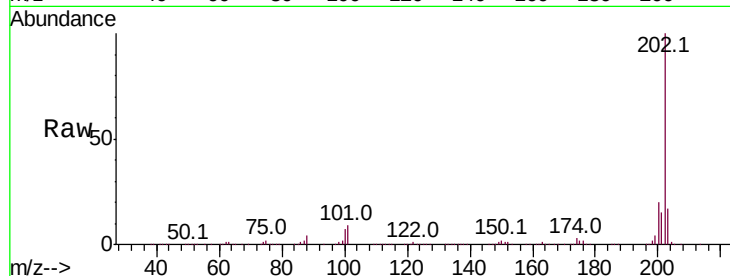
#75
Fluoranthene
Concen: 41.446 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.5	0.0	31.8	
203	17.4	0.0	38.4	

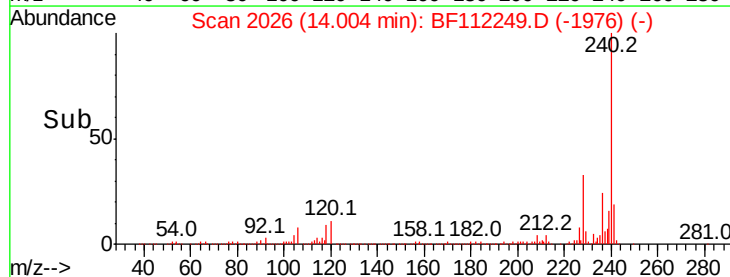
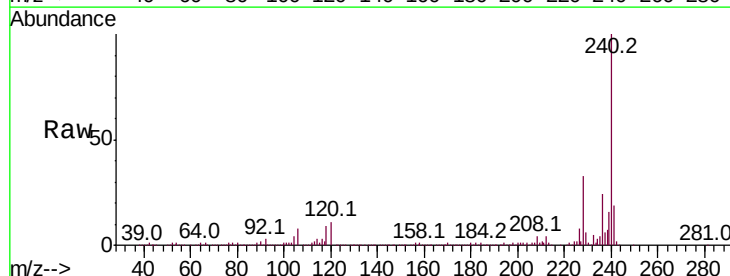
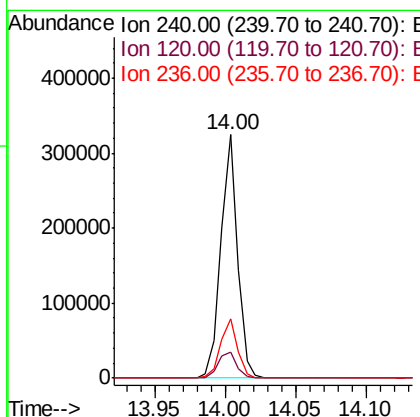
Manual Integrations
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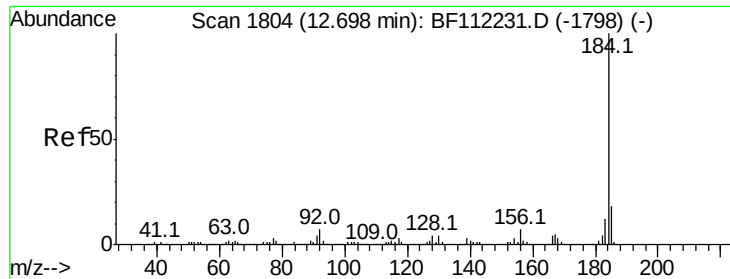
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.9	9.0	13.6	
236	24.3	20.7	31.1	





#77

Benzidine

Concen: 6.471 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

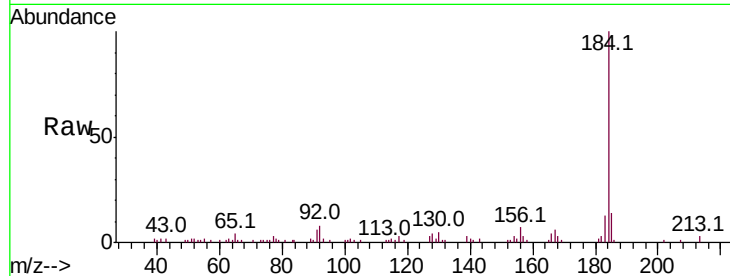
ClientSampleId :

BU-02-012319MS

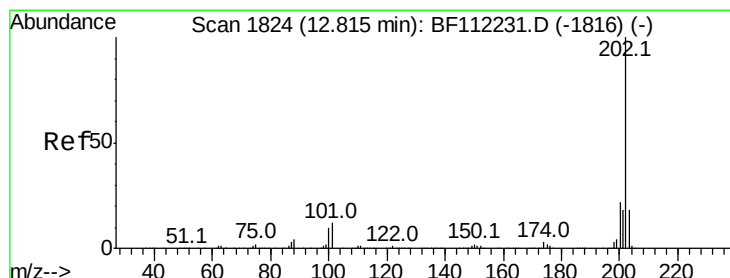
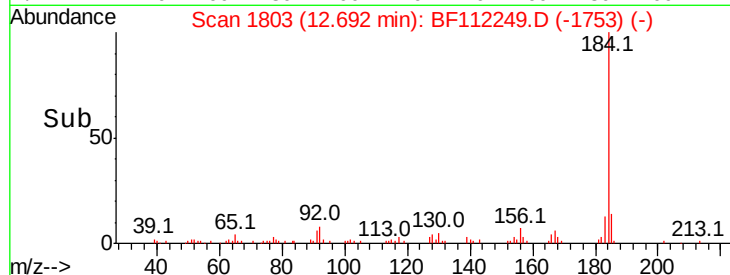
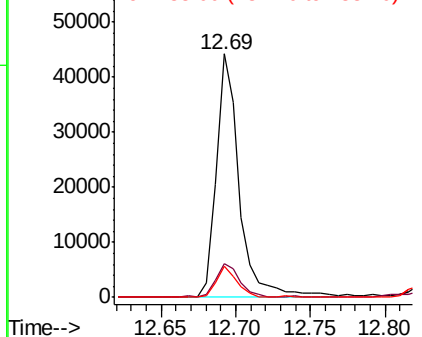
Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	13.9	20.9#
183	12.8	10.0	15.0

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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: 49.918 ng

RT: 12.80 min Scan# 1822

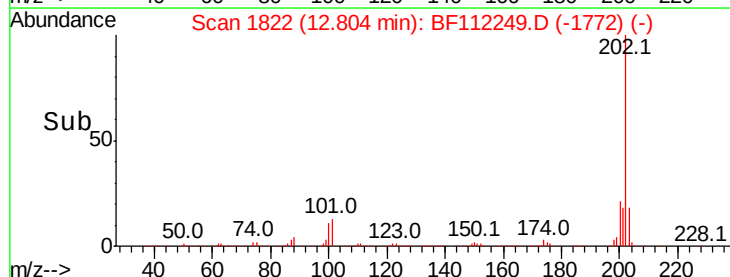
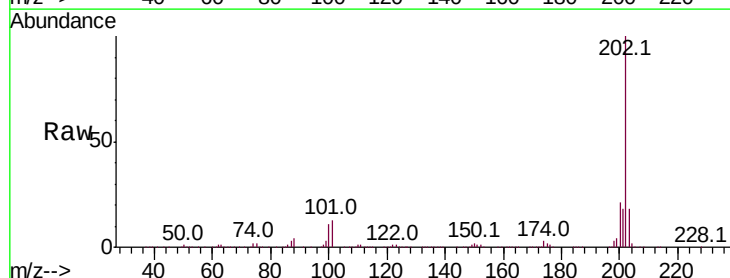
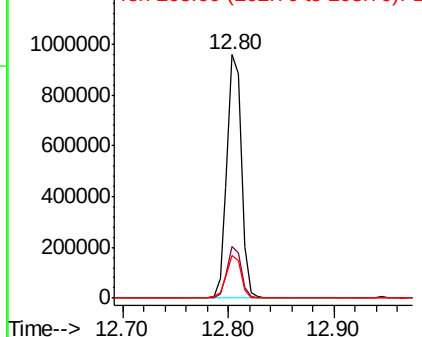
Delta R.T. -0.01 min

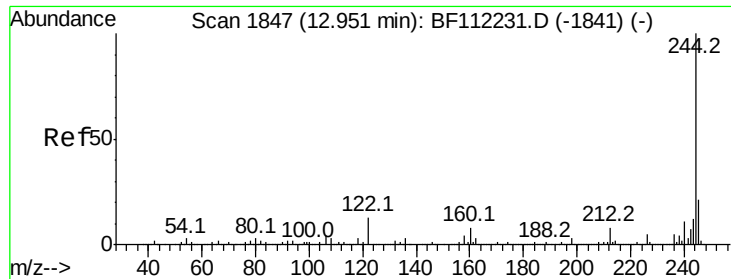
Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.8	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: 96.108 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

Tot Ion:244 Resp: 1362078

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

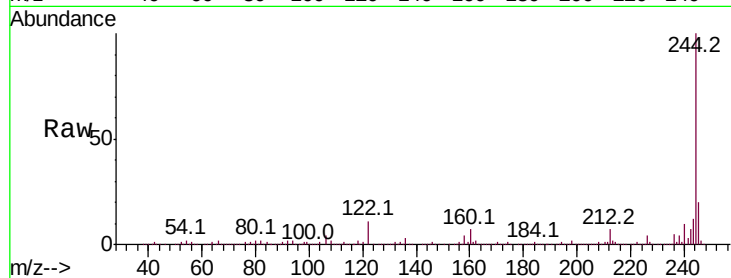
122 11.1 9.8 14.6

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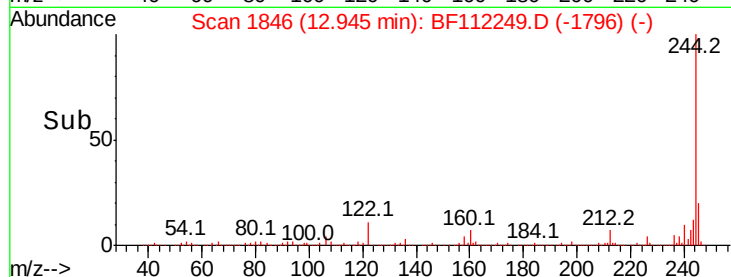


Abundance Ion 244.00 (243.70 to 244.70): E

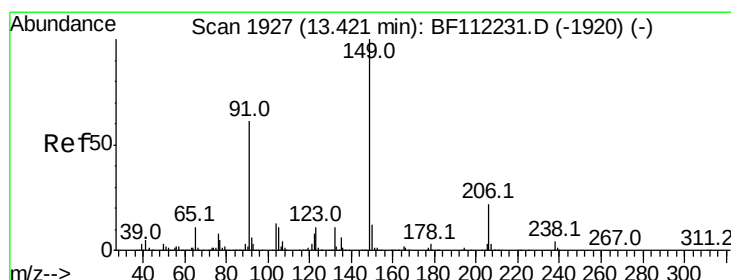
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Butylbenzylphthalate

Concen: 47.592 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

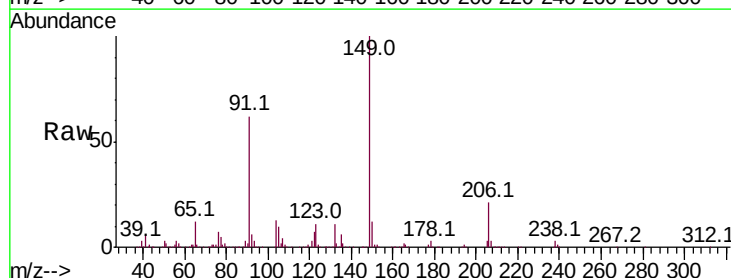
Tgt Ion:149 Resp: 425530

Ion Ratio Lower Upper

149 100

91 61.9 50.3 75.5

206 21.0 18.2 27.4

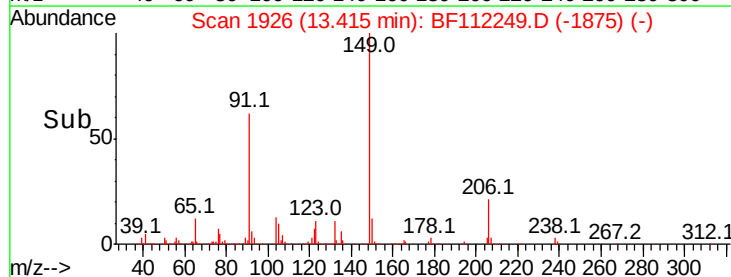


Abundance Ion 149.00 (148.70 to 149.70): E

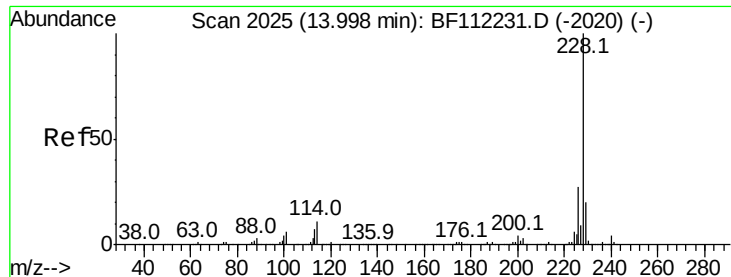
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



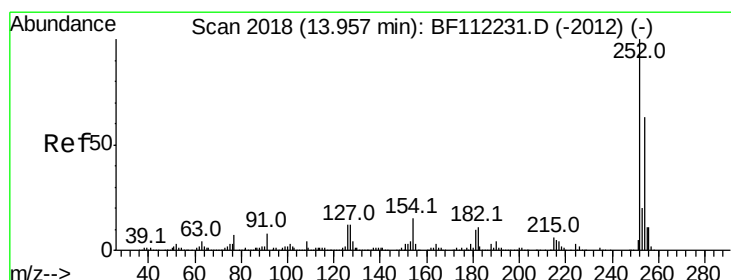
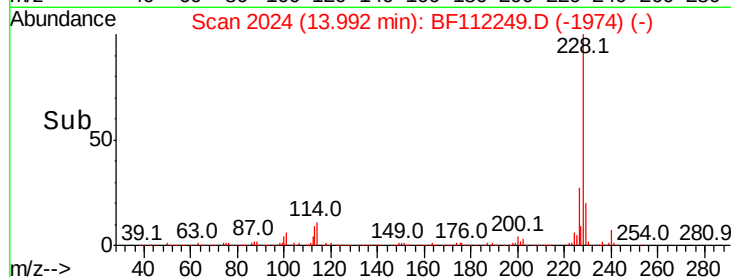
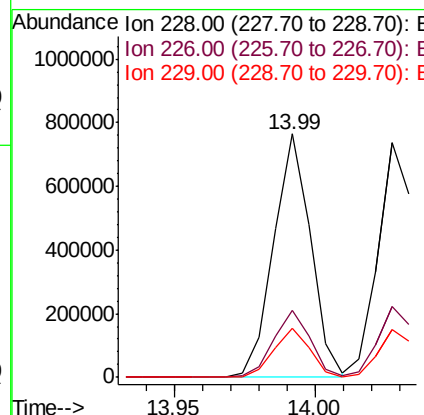
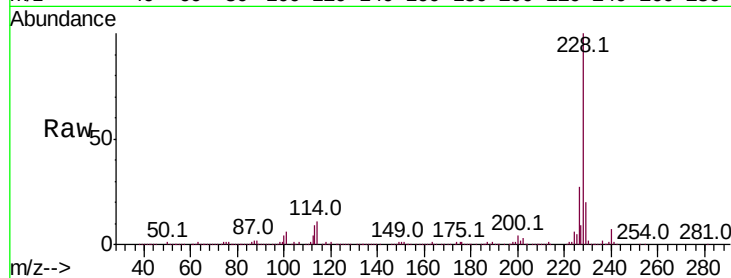
#81
Benzo(a)anthracene
Concen: 44.413 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleID :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.9	16.5	24.7

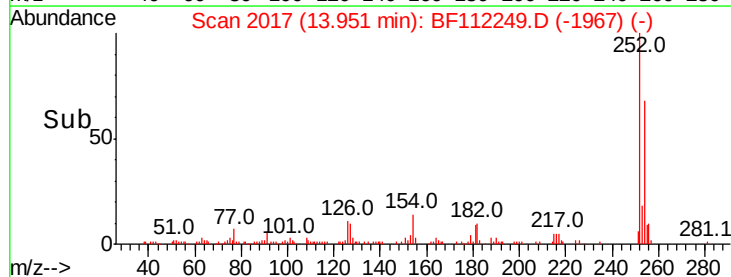
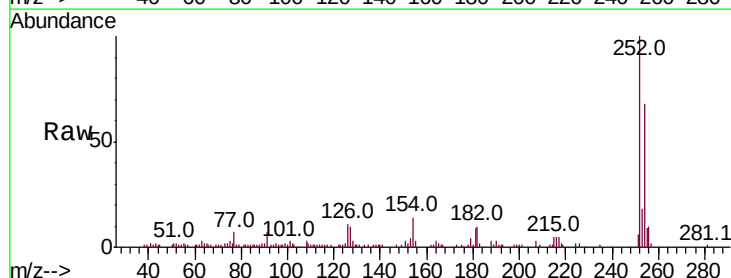
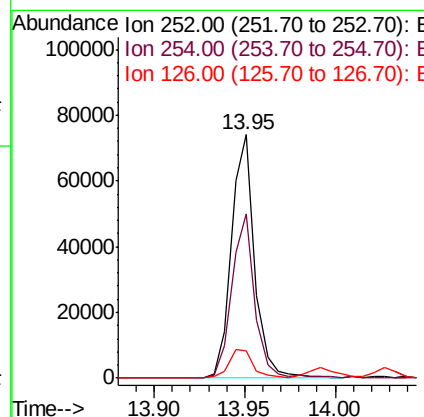
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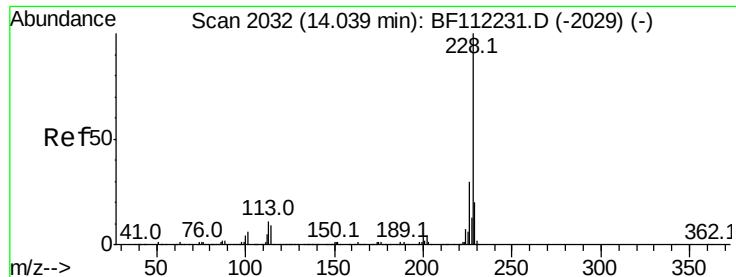
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 11.219 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.7	51.6	77.4
126	11.0	8.6	12.8





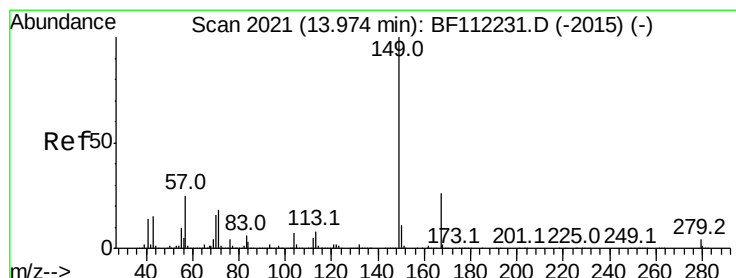
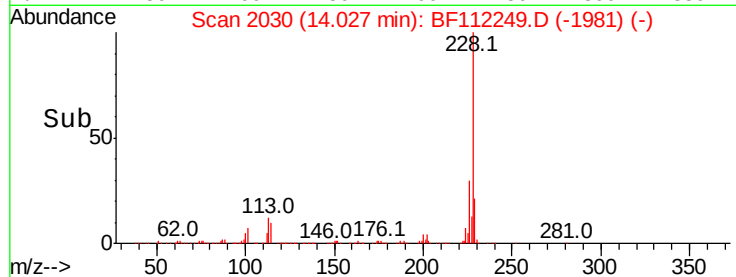
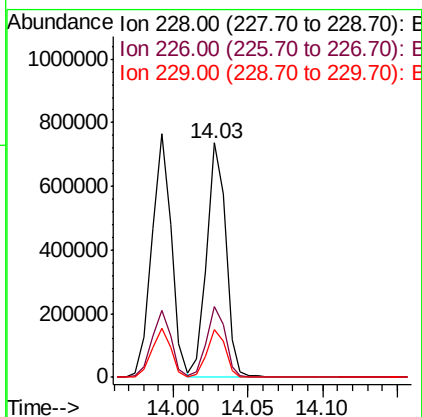
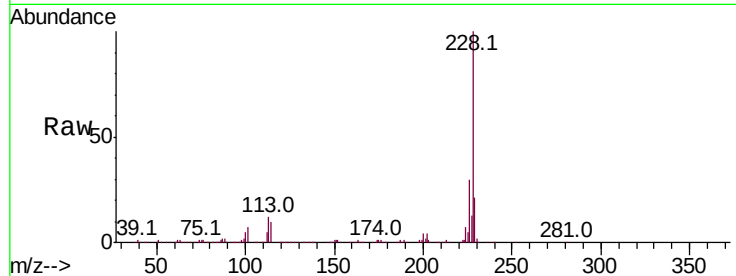
#83
Chrysene
Concen: 43.572 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.6	16.6	24.8

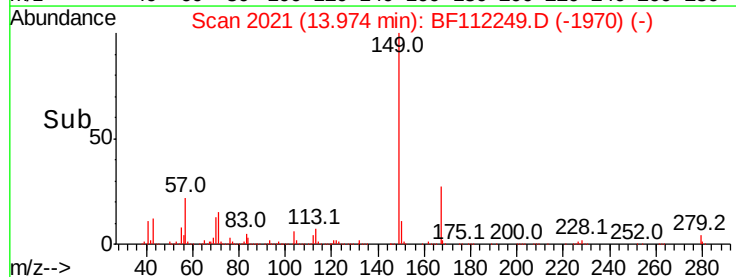
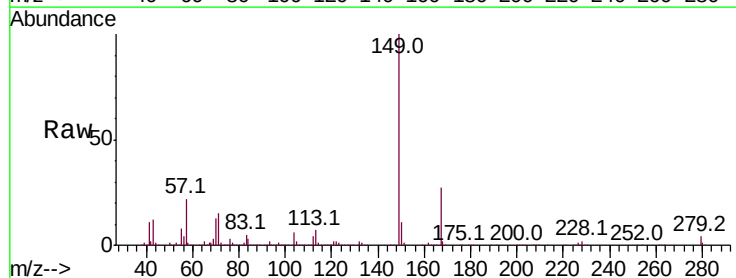
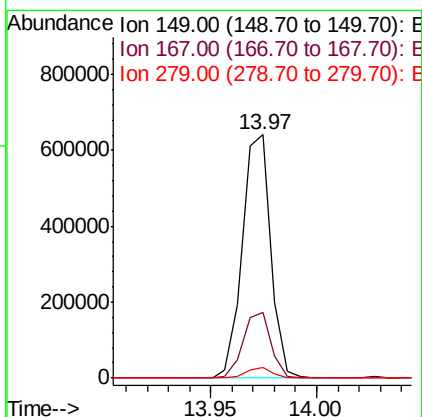
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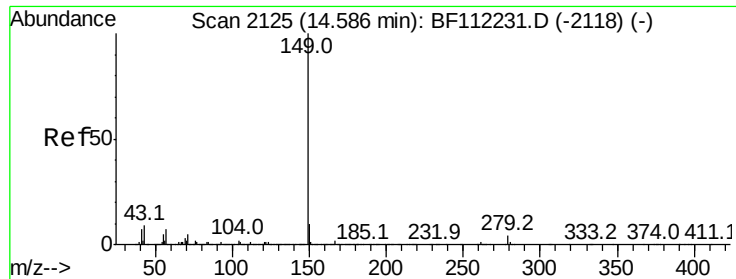
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.042 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	4.4	3.8	5.6





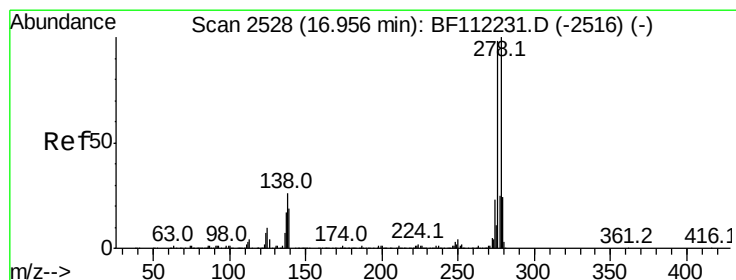
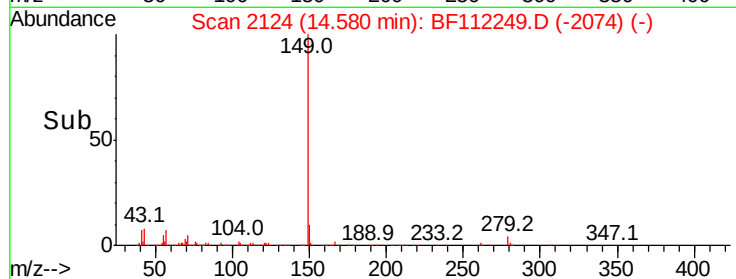
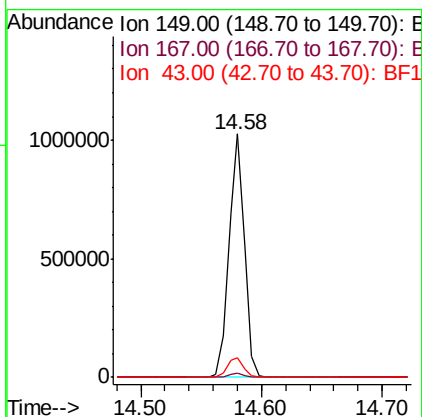
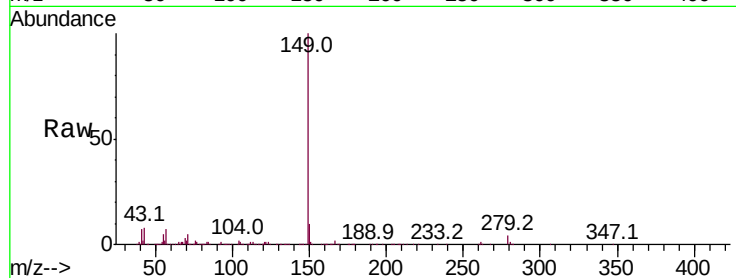
#85
Di-n-octyl phthalate
Concen: 46.071 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	899643		
167	1.7		1.3	1.9
43	8.5		7.8	11.6

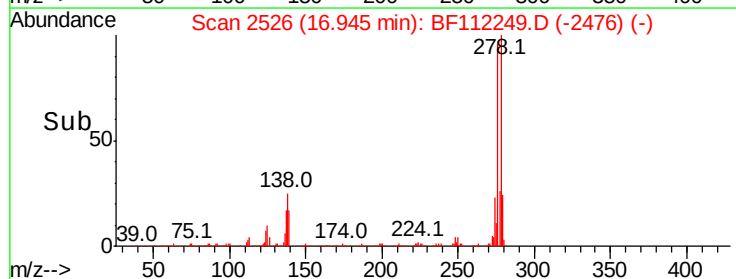
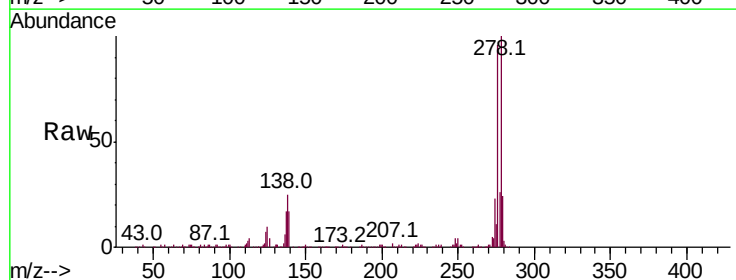
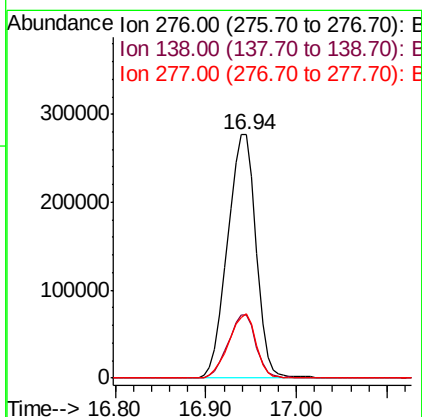
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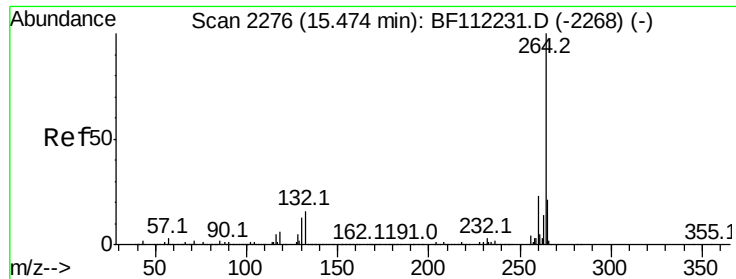
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.333 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	609245		
138	25.8		22.6	34.0
277	25.3		20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

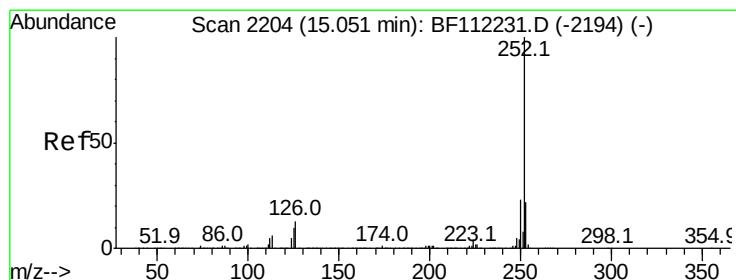
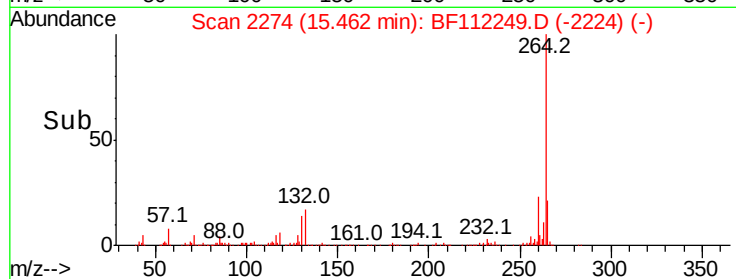
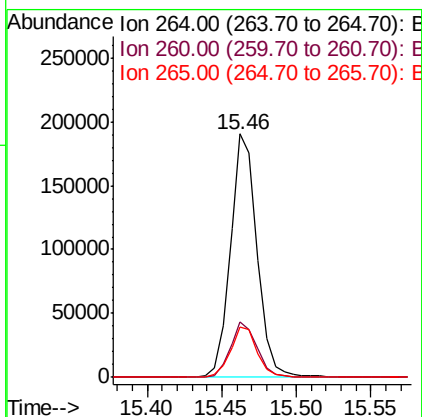
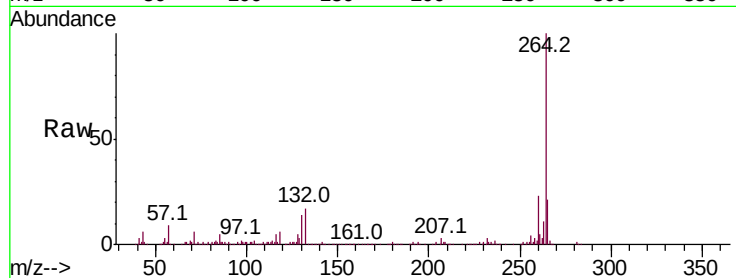
ClientSampleId :

BU-02-012319MS

Tot Ion:	264	Resp:	237220
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.2
265	20.9	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 41.255 ng

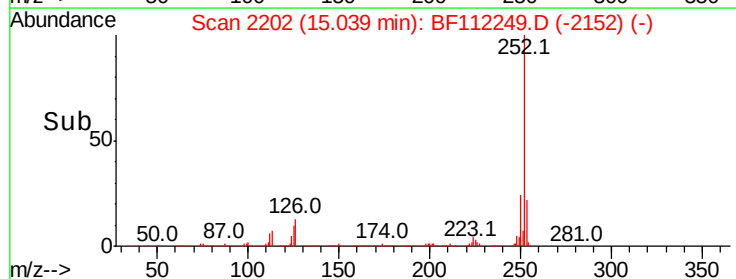
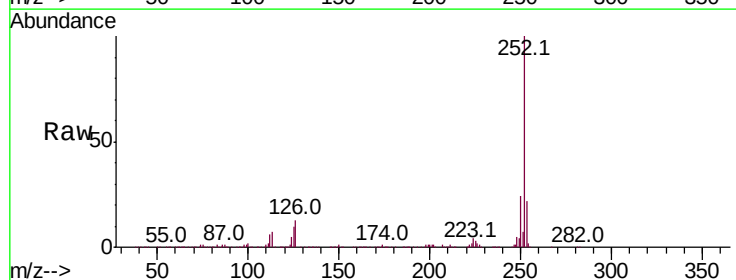
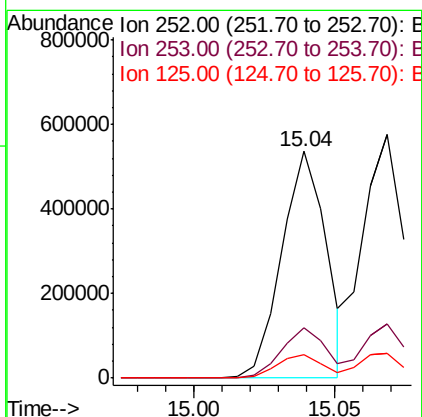
RT: 15.04 min Scan# 2202

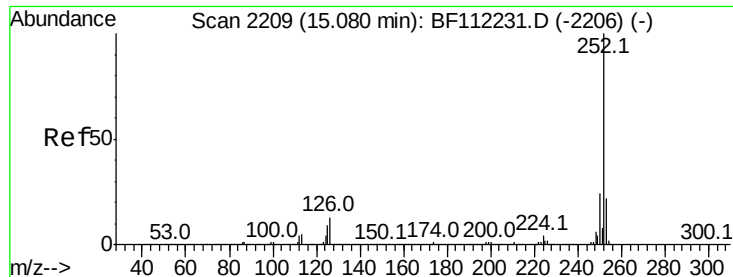
Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion:	252	Resp:	585275
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	10.4	8.7	13.1





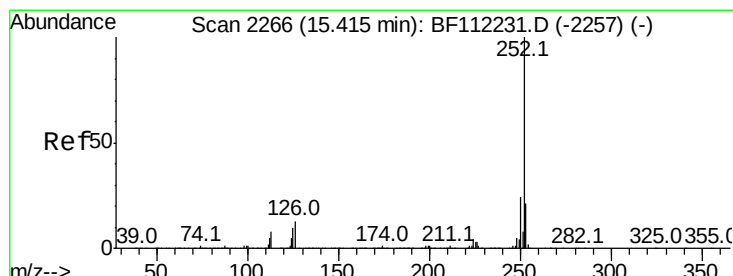
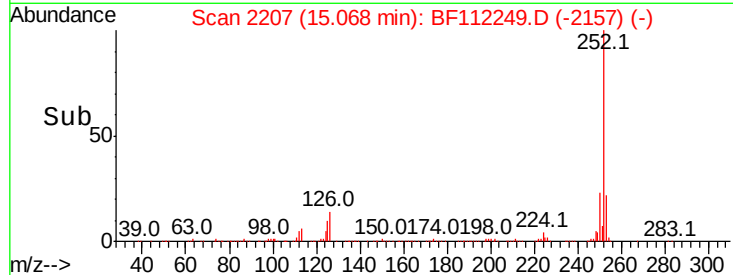
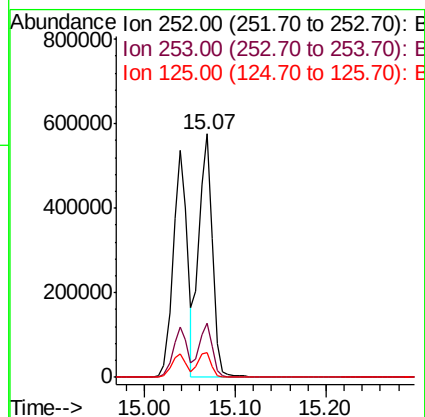
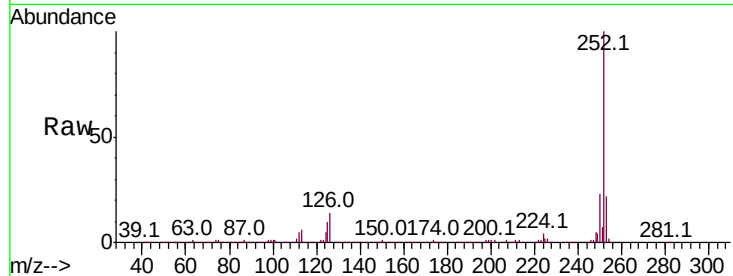
#89
Benzo(k)fluoranthene
Concen: 43.691 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	18.0	27.0	
125	10.1	9.1	13.7	

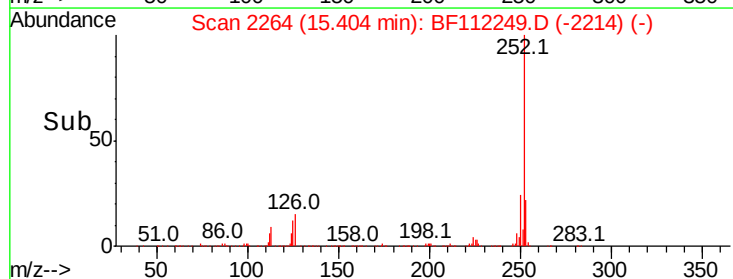
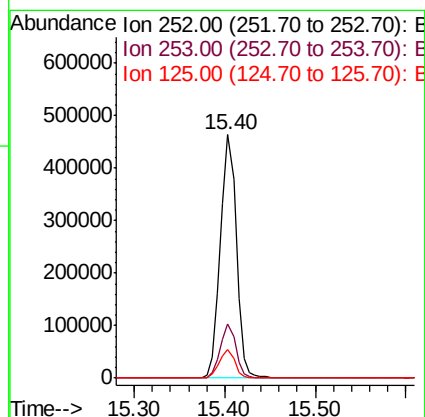
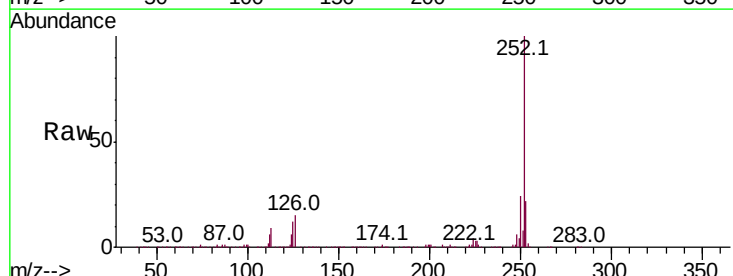
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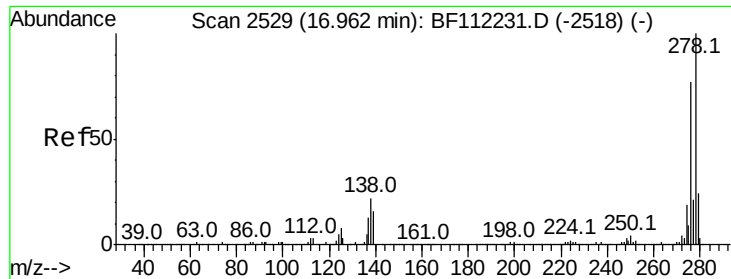
mohammad
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#90
Benzo(a)pyrene
Concen: 44.512 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	17.5	26.3	
125	11.7	9.0	13.4	





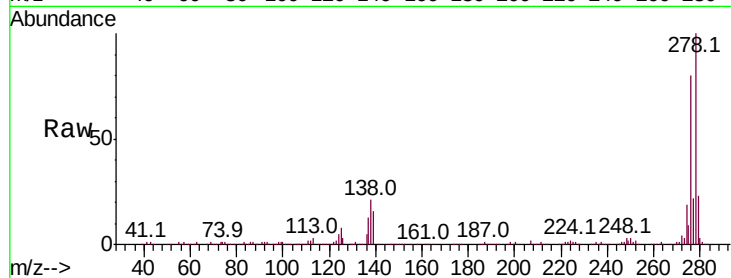
#91
Dibenzo(a,h)anthracene
Concen: 49.074 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.7	20.5
279	23.4	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/29/2019 12:31:46 AM

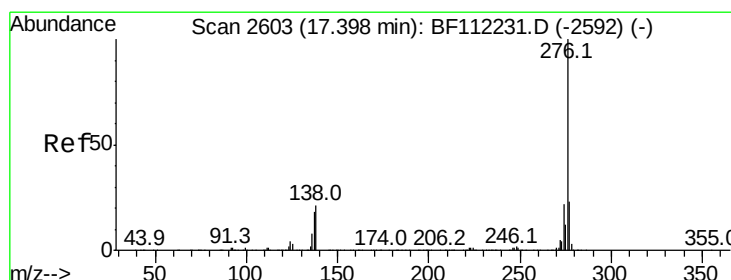
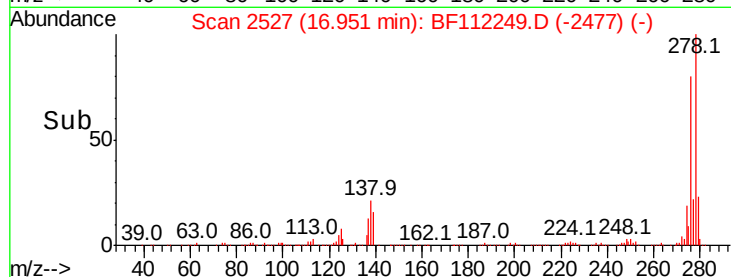
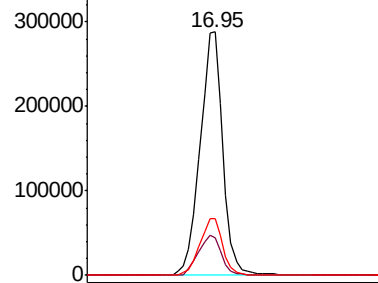


Abundance

Ion 278.00 (277.70 to 278.70): E

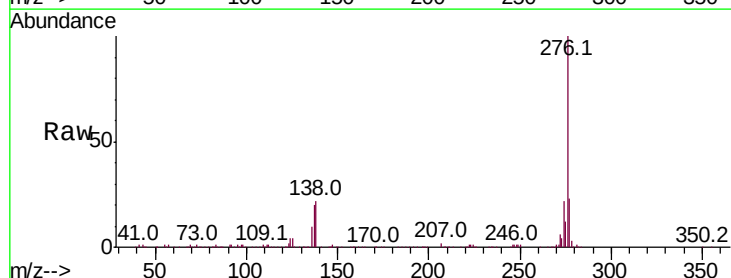
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.940 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.0
138	22.4	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

