

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117200.D
 Acq On : 20 Sep 2019 21:50
 Operator : HP/JU
 Sample : K4662-15MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Manual Integrations
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mohammad
 9/24/2019 9:12:55 AM

Quant Time: Sep 23 11:10:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38663	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	156698	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	82705	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	132074	20.00	ng	0.01
76) Chrysene-d12	13.99	240	86318	20.00	ng	0.01
87) Perylene-d12	15.43	264	67330	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	335701	135.56	ng	0.04
7) Phenol-d6	6.47	99	414918	129.64	ng	0.02
23) Nitrobenzene-d5	7.39	82	322378	108.10	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	126811	183.46	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	610573	115.43	ng	0.00
79) Terphenyl-d14	12.93	244	598070	129.51	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	39238m	37.865	ng	
3) Pyridine	3.54	79	58503	20.626	ng	94
4) n-Nitrosodimethylamine	3.46	42	51997	53.420	ng	77
6) Aniline	6.49	93	38601	9.368	ng	# 16
8) 2-Chlorophenol	6.62	128	138948	52.010	ng	98
9) Benzaldehyde	6.37	77	30497	12.607	ng	96
10) Phenol	6.49	94	144927	41.077	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	134436	51.844	ng	98
12) 1,3-Dichlorobenzene	6.76	146	136649	45.582	ng	97
13) 1,4-Dichlorobenzene	6.84	146	141792	46.347	ng	99
14) 1,2-Dichlorobenzene	6.99	146	138267	48.542	ng	98
15) Benzyl Alcohol	6.97	79	132530	54.000	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	122512	47.820	ng	68
17) 2-Methylphenol	7.09	107	112303	50.157	ng	# 89
18) Hexachloroethane	7.33	117	56865	48.316	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	110223	56.559	ng	95
20) 3+4-Methylphenols	7.24	107	145038	52.005	ng	93
22) Acetophenone	7.23	105	219359	55.099	ng	# 96
24) Nitrobenzene	7.41	77	160554	54.515	ng	95
25) Isophorone	7.65	82	297258	56.294	ng	99
26) 2-Nitrophenol	7.72	139	72719	57.483	ng	# 89
27) 2,4-Dimethylphenol	7.76	122	123233	61.429	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	171530	52.724	ng	100
29) 2,4-Dichlorophenol	7.97	162	117121	55.718	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	117437	51.712	ng	99
31) Naphthalene	8.13	128	434282	57.626	ng	100
32) Benzoic acid	7.93	122	65472	43.879	ng	95
33) 4-Chloroaniline	8.19	127	22308	6.674	ng	96
34) Hexachlorobutadiene	8.24	225	70369	54.616	ng	97
35) Caprolactam	8.57	113	25032m	35.183	ng	
36) 4-Chloro-3-methylphenol	8.67	107	135505	55.286	ng	99
37) 2-Methylnaphthalene	8.82	142	294922	58.115	ng	98
38) 1-Methylnaphthalene	8.92	142	267384	56.256	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	118581	55.524	ng	97

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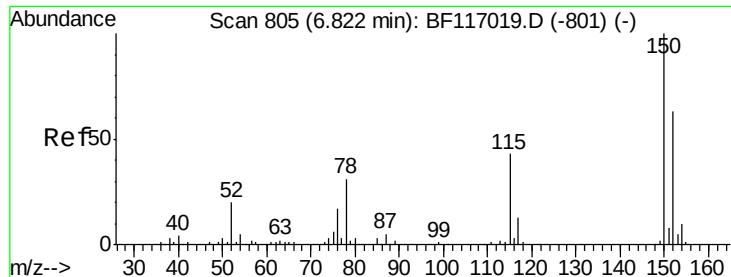
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	125545	127.793	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	79415	54.795	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	86624	55.942	nq	98
46) 1,1'-Biphenyl	9.28	154	349542	53.880	nq	100
47) 2-Chloronaphthalene	9.31	162	269369	52.612	nq	99
48) 2-Nitroaniline	9.40	65	82021	49.945	nq	89
49) Acenaphthylene	9.72	152	422606	55.099	nq	99
50) Dimethylphthalate	9.59	163	325196	55.533	nq	98
51) 2,6-Dinitrotoluene	9.65	165	70890	59.438	nq	93
52) Acenaphthene	9.89	154	247041	54.335	nq	99
53) 3-Nitroaniline	9.82	138	18391	12.222	nq	96
54) 2,4-Dinitrophenol	9.94	184	59533	111.522	nq	96
55) Dibenzofuran	10.07	168	381006	56.797	nq	98
56) 4-Nitrophenol	10.00	139	72494	74.333	nq	86
57) 2,4-Dinitrotoluene	10.06	165	92247	59.585	nq	# 77
58) Fluorene	10.41	166	315168	58.325	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	68411	57.732	nq	97
60) Diethylphthalate	10.28	149	344003	59.710	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	143348	61.313	nq	98
62) 4-Nitroaniline	10.45	138	61413	39.244	nq	# 86
63) Azobenzene	10.56	77	343868	58.440	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	41154	65.455	nq	95
66) n-Nitrosodiphenylamine	10.52	169	259670	56.929	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	81840	60.676	nq	98
68) Hexachlorobenzene	10.96	284	85217	57.764	nq	97
69) Atrazine	11.05	200	59434	55.901	nq	98
70) Pentachlorophenol	11.16	266	83288	120.442	nq	98
71) Phenanthrene	11.37	178	426768	56.889	nq	99
72) Anthracene	11.42	178	437406	57.112	nq	99
73) Carbazole	11.57	167	367779	50.591	nq	99
74) Di-n-butylphthalate	11.90	149	556989	64.397	nq	99
75) Fluoranthene	12.56	202	413855	53.691	nq	98
77) Benzidine	12.70	184	808m	0.291	nq	
78) Pyrene	12.79	202	412670	56.977	nq	99
80) Butylbenzylphthalate	13.39	149	216474	63.254	nq	97
81) Benzo(a)anthracene	13.97	228	315398	54.690	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	30036	16.162	nq	97
83) Chrysene	14.01	228	304249	54.092	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	321250	72.803	nq	98
85) Di-n-octyl phthalate	14.56	149	494863	71.254	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	214491	52.269	nq	98
88) Benzo(b)fluoranthene	15.02	252	233339	57.213	nq	99
89) Benzo(k)fluoranthene	15.04	252	241304	62.459	nq	99
90) Benzo(a)pyrene	15.37	252	212952	59.502	nq	97
91) Dibenzo(a,h)anthracene	16.90	278	182867	64.140	nq	97
92) Benzo(g,h,i)perylene	17.32	276	164383	57.860	nq	98

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



#1

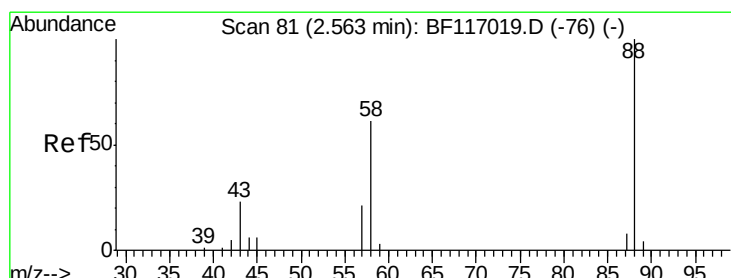
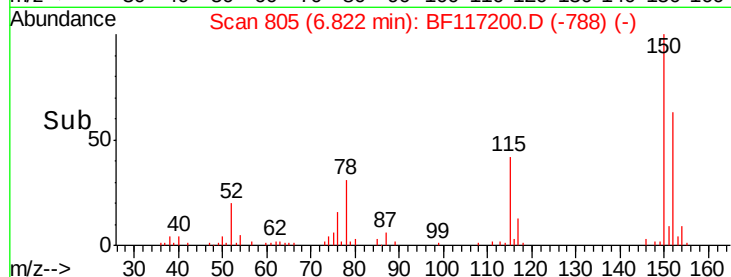
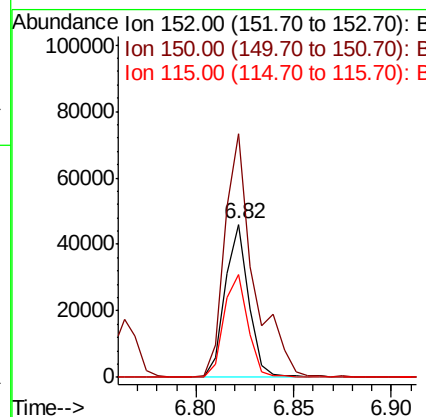
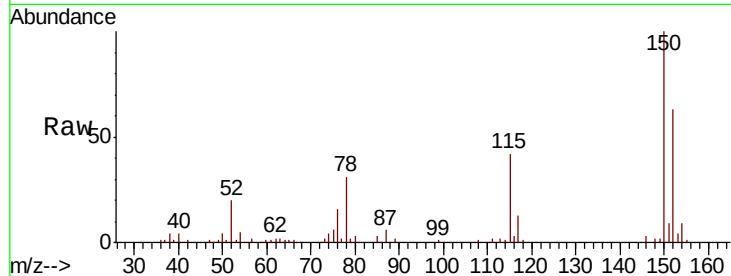
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.5	191.3
115	67.2	55.0	82.4

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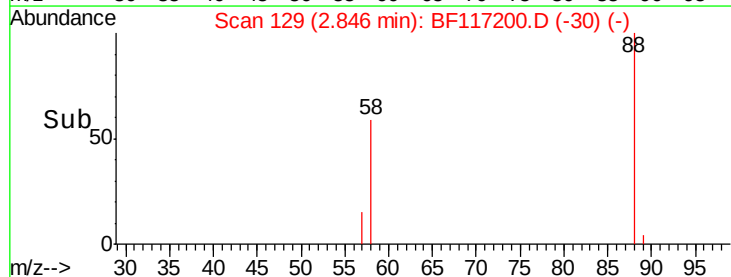
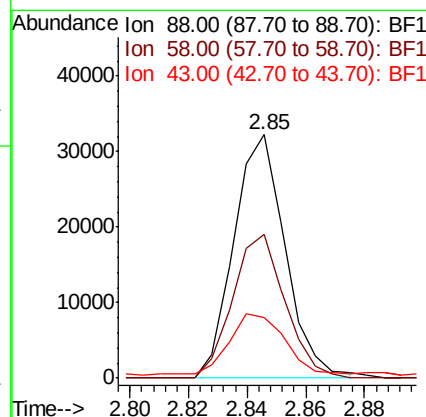
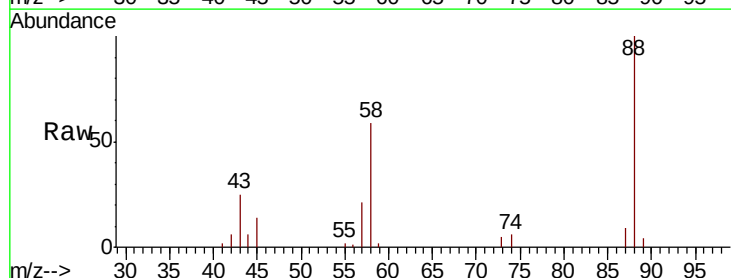
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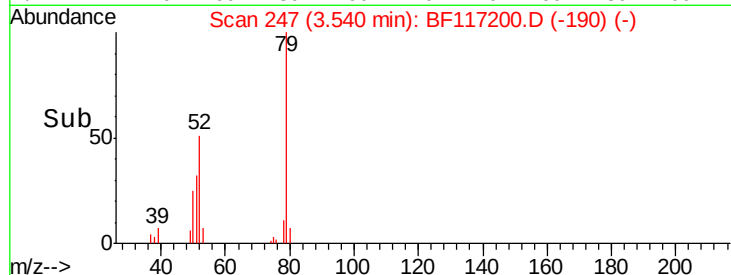
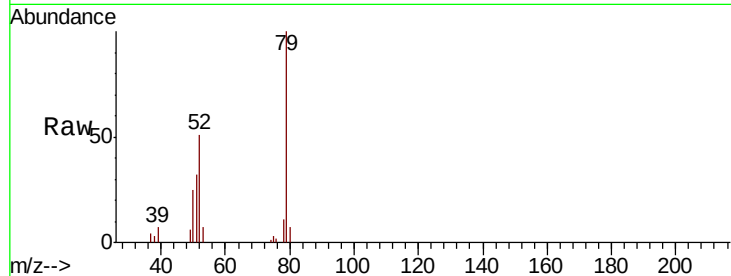
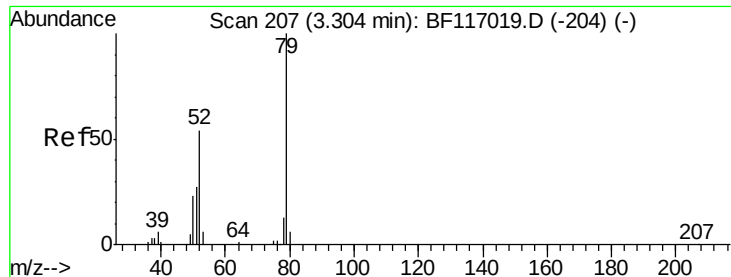


#2

1,4-Dioxane
Concen: 37.865 ng m
RT: 2.85 min Scan# 129
Delta R.T. 0.28 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	49.3	73.9#
43	0.0	18.8	28.2#





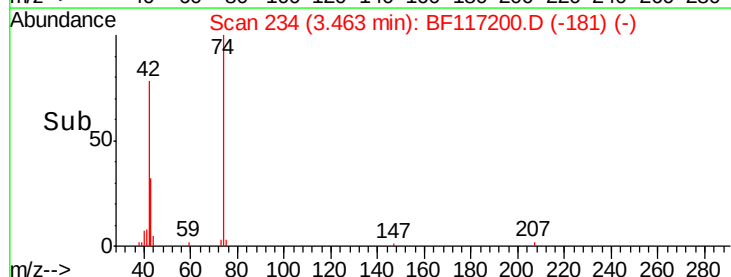
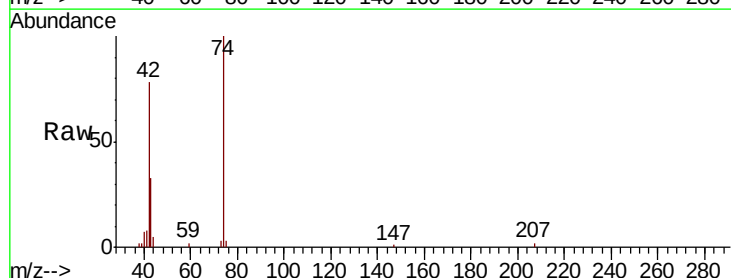
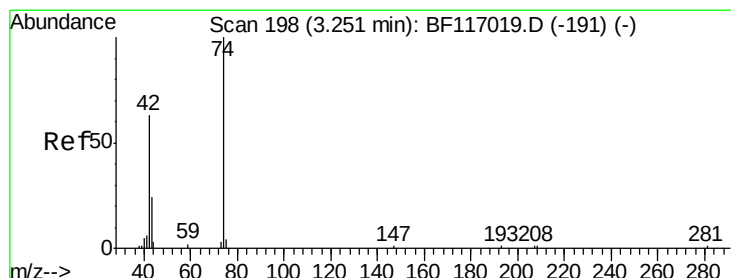
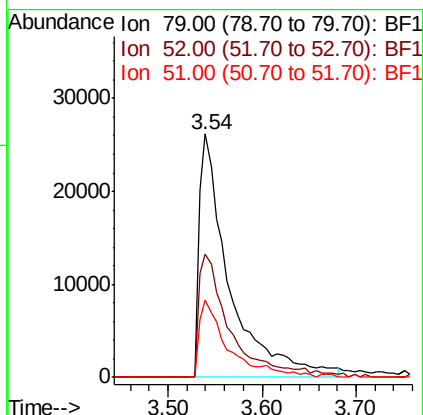
#3
 Pvridine
 Concen: 20.626 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.24 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		58503		
52	50.9	43.5	65.3		
51	31.8	21.8	32.6		

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

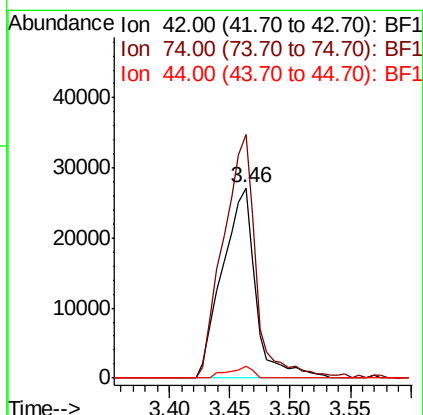
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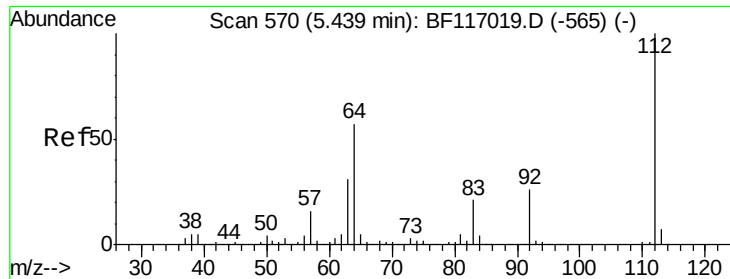
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#4
 n-Nitrosodimethylamine
 Concen: 53.420 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.21 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		51997		
74	128.1	127.1	190.7		
44	6.2	4.3	6.5		





#5

2-Fluorophenol

Concen: 135.559 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.04 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

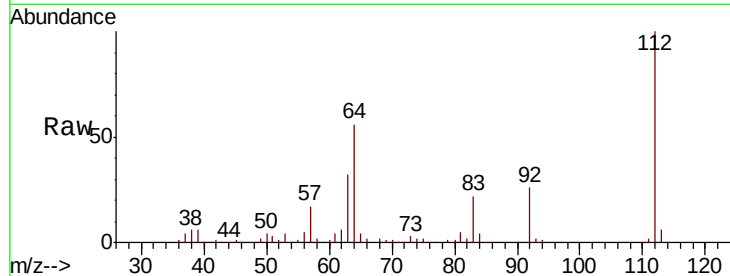
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CL-02-091819MS

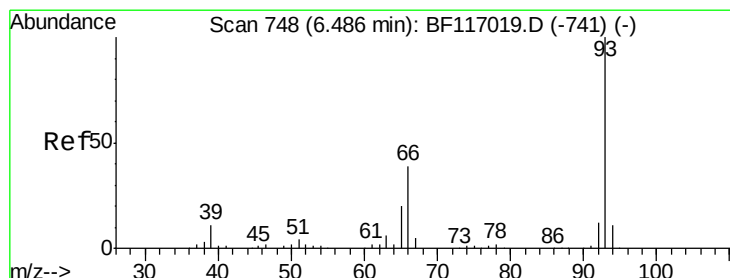
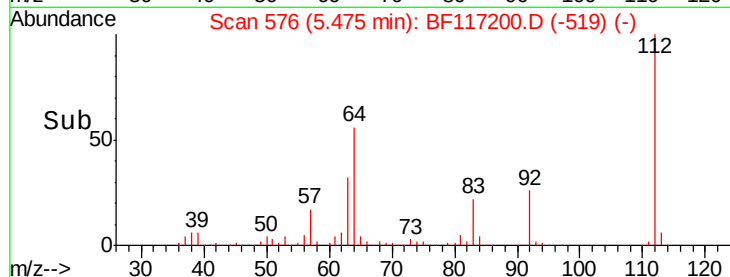
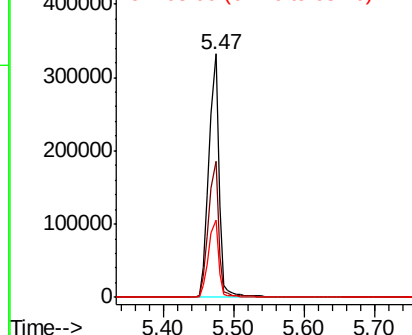
Tot Ion:	112	Resp:	335701
Ion Ratio	Lower	Upper	
112	100		
64	55.8	45.7	68.5
63	31.6	24.9	37.3

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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: 9.368 ng

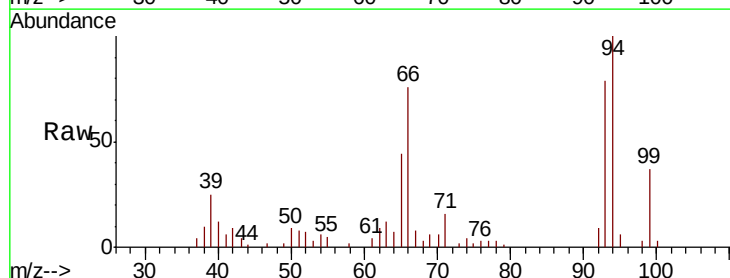
RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

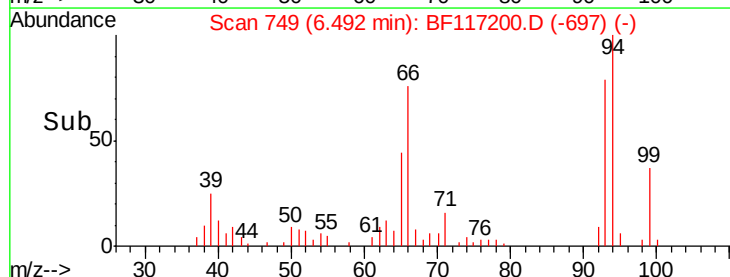
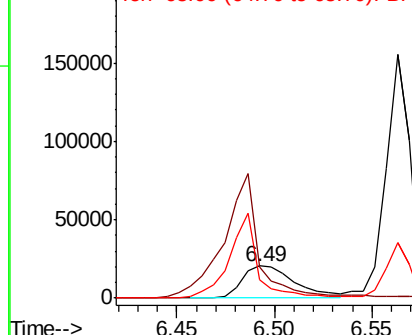
Lab File: BF117200.D

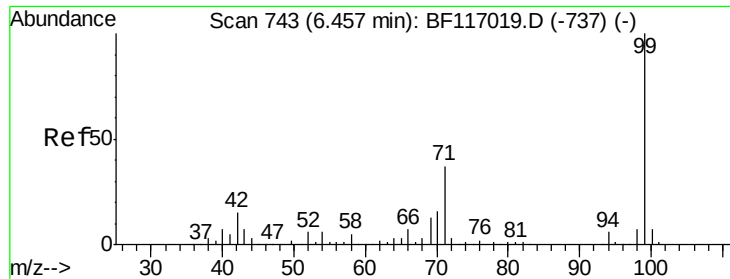
Acq: 20 Sep 2019 21:50

Tgt Ion:	93	Resp:	38601
Ion Ratio	Lower	Upper	
93	100		
66	96.1	32.6	49.0#
65	55.3	16.7	25.1#



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: 129.645 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

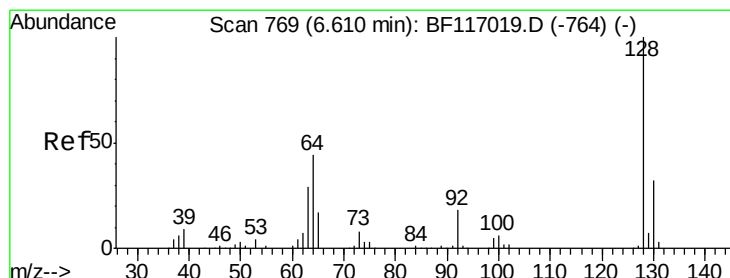
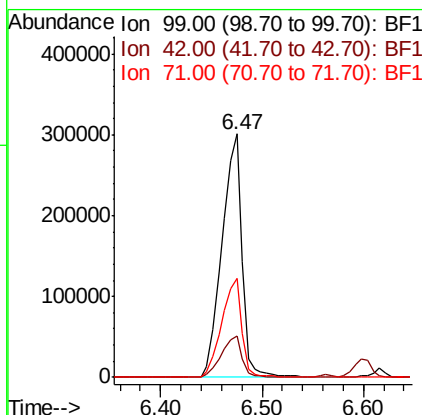
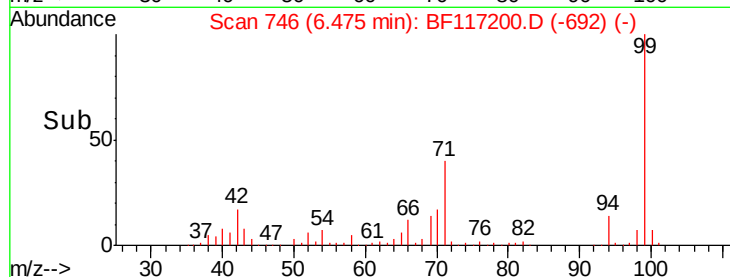
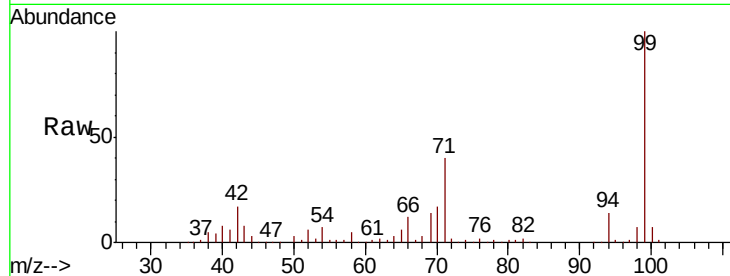
ClientSampleId :

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Tot Ion:	99	Resp:	414918
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	40.5	29.8	44.8

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#8

2-Chlorophenol

Concen: 52.010 ng

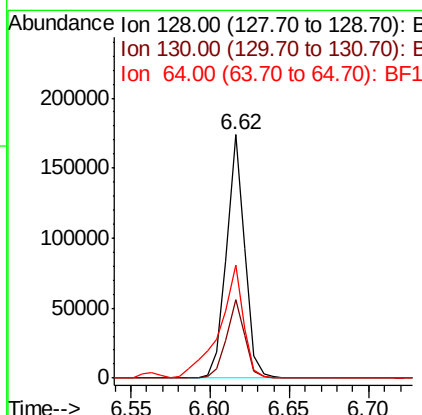
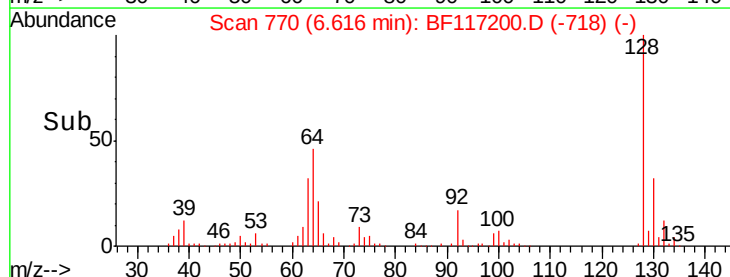
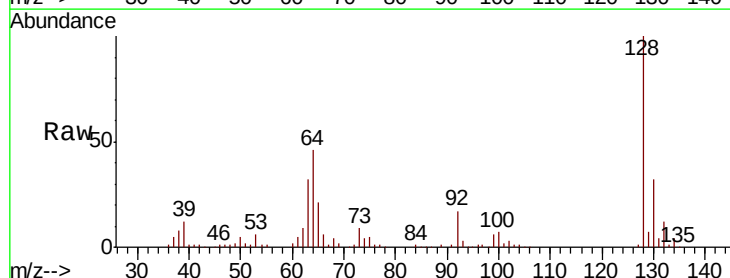
RT: 6.62 min Scan# 770

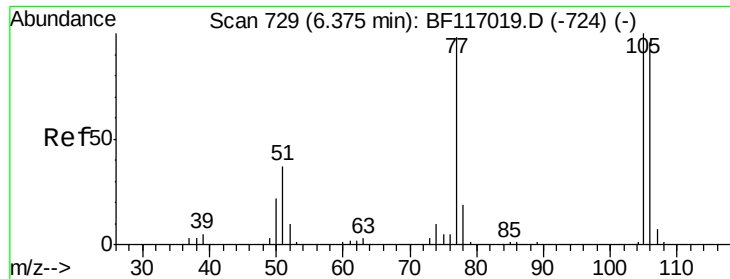
Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:	128	Resp:	138948
Ion Ratio	Lower	Upper	
128	100		
130	32.5	11.8	51.8
64	46.2	25.0	65.0





#9

Benzaldehyde

Concen: 12.607 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

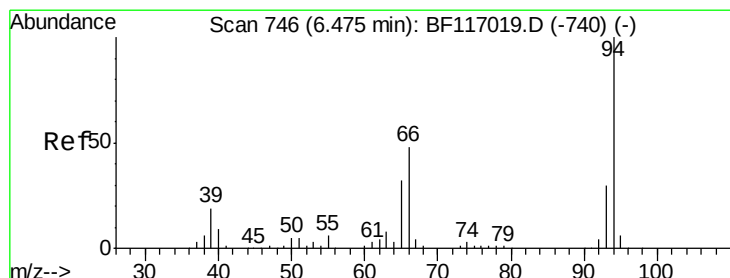
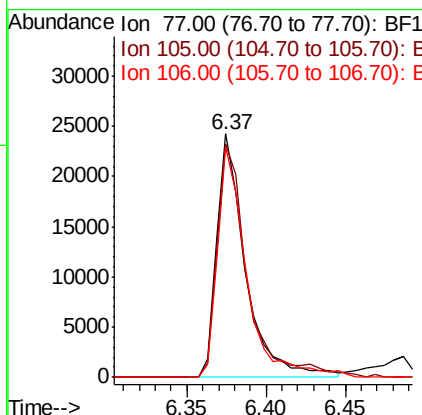
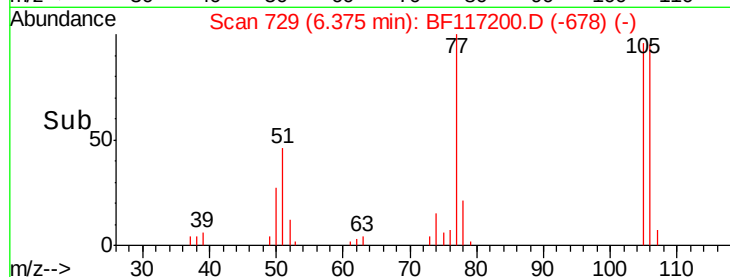
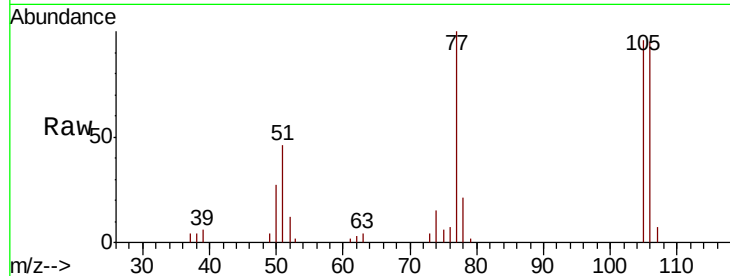
ClientSampleId :

CL-02-091819MS

Tot Ion:	77	Resp:	30497
Ion Ratio	Lower	Upper	
77	100		
105	96.1	81.8	121.8
106	95.0	77.3	117.3

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#10

Phenol

Concen: 41.077 ng

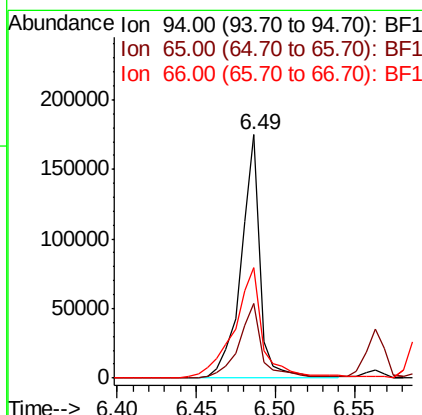
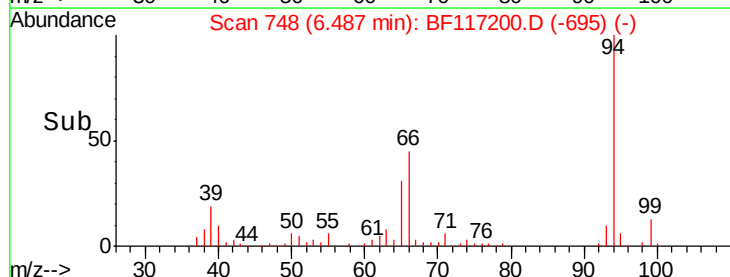
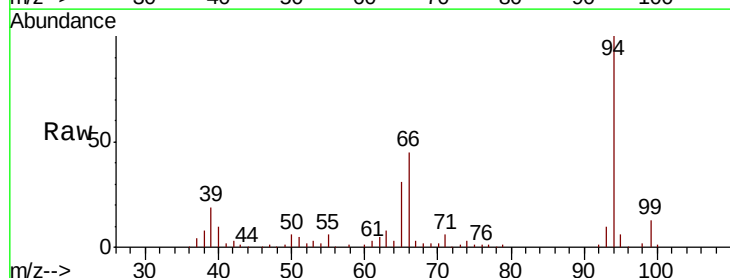
RT: 6.49 min Scan# 748

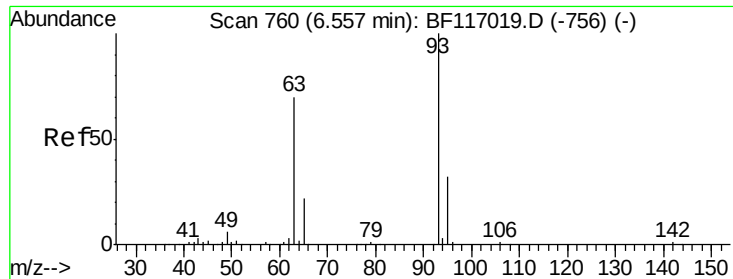
Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:	94	Resp:	144927
Ion Ratio	Lower	Upper	
94	100		
65	30.8	12.5	52.5
66	45.4	28.9	68.9





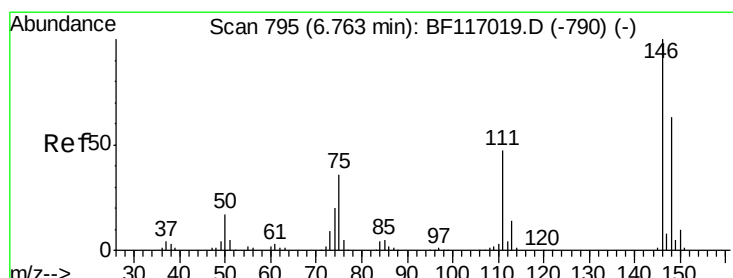
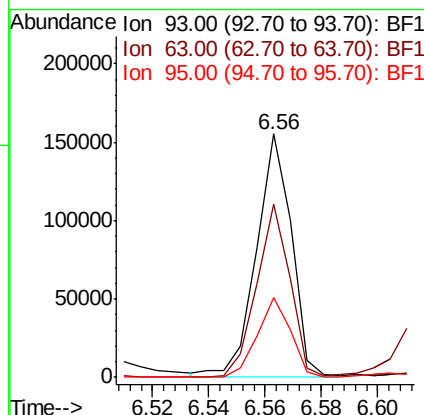
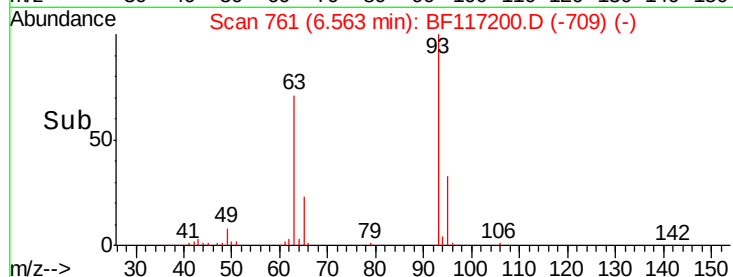
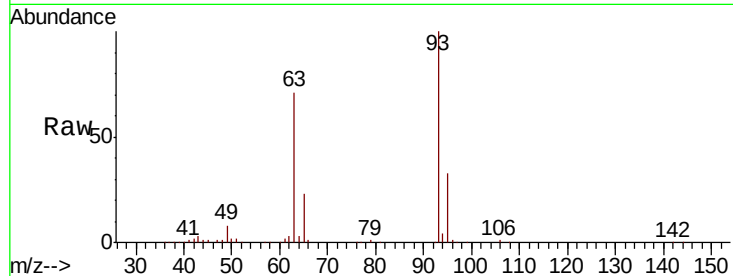
#11
bis(2-Chloroethyl)ether
Concen: 51.844 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion:	93	Resp:	134436
Ion Ratio	Lower	Upper	
93	100		
63	71.2	49.3	89.3
95	32.6	11.5	51.5

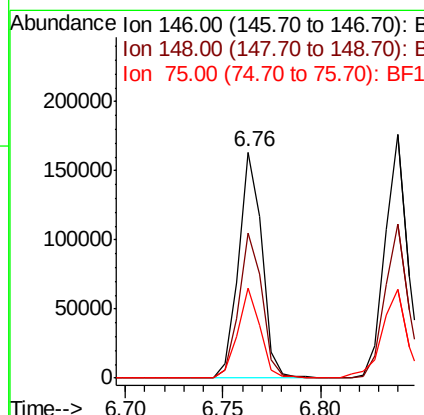
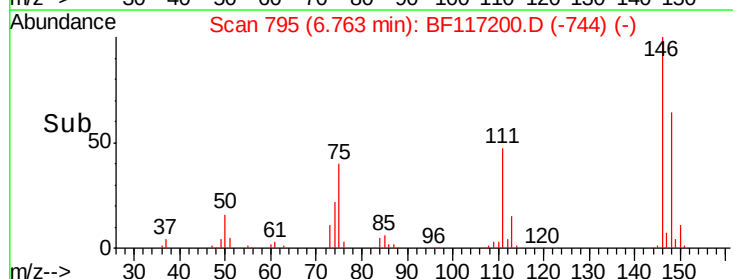
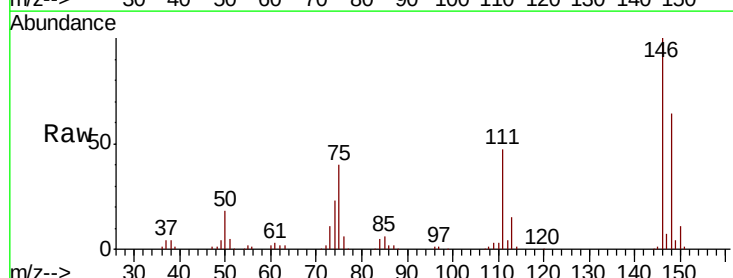
Manual Integrations
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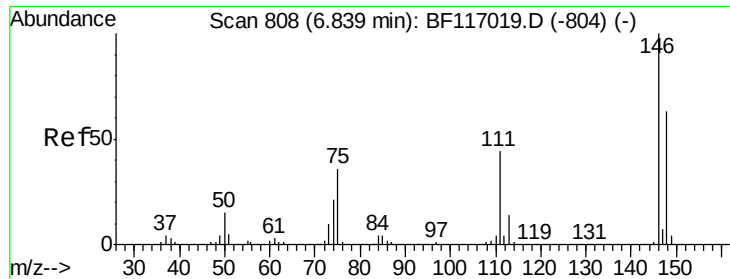
mohammad
9/24/2019 9:12:55 AM



#12
1,3-Dichlorobenzene
Concen: 45.582 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:	146	Resp:	136649
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
75	39.7	28.7	43.1





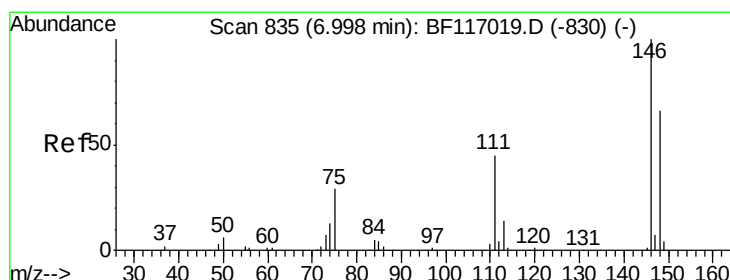
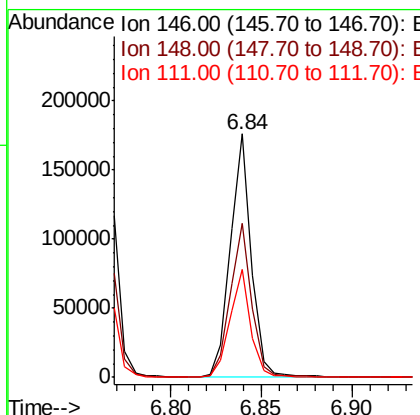
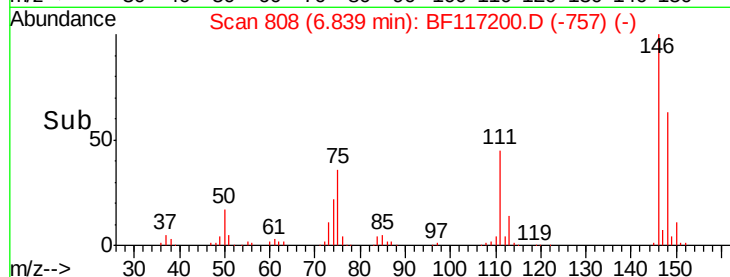
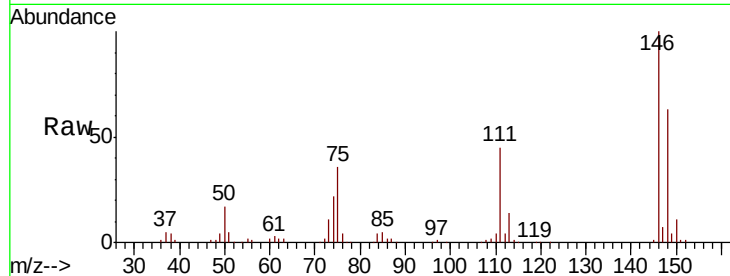
#13
1,4-Dichlorobenzene
Concen: 46.347 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	44.5	35.0	52.6

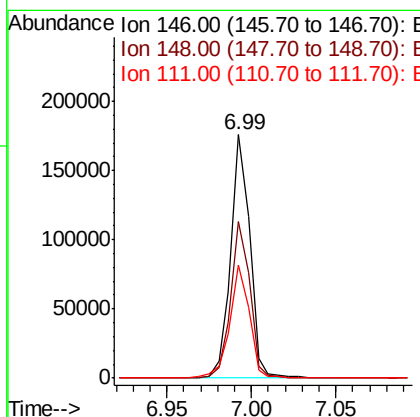
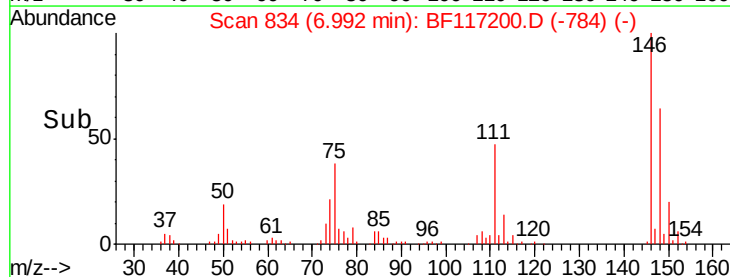
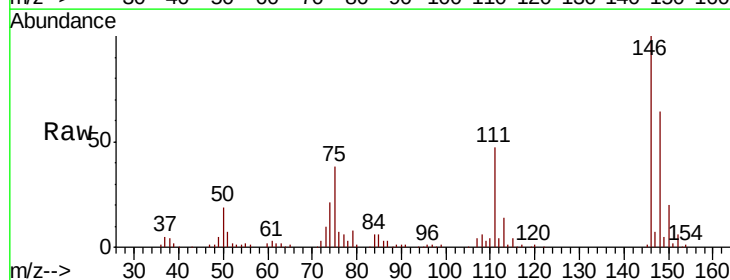
Manual Integrations
APPROVED

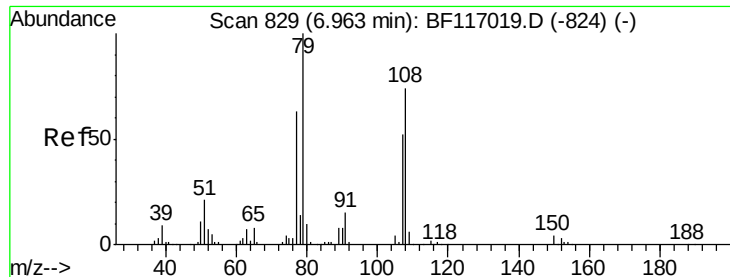
mohammad
9/24/2019 9:12:55 AM



#14
1,2-Dichlorobenzene
Concen: 48.542 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
111	46.7	36.2	54.2





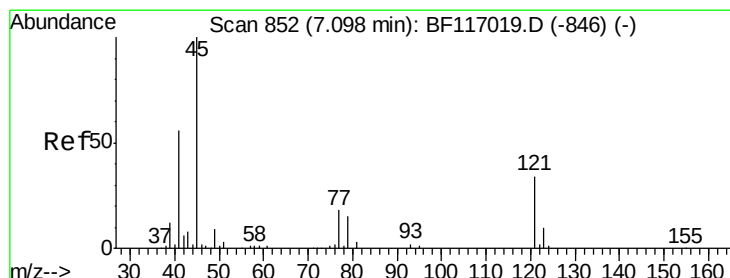
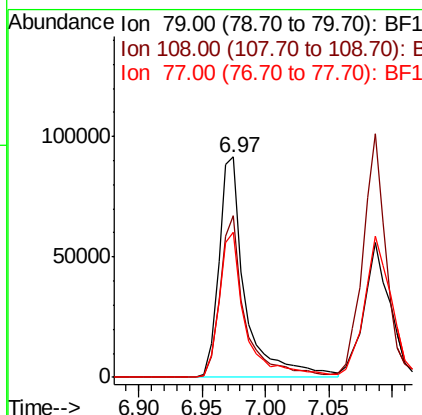
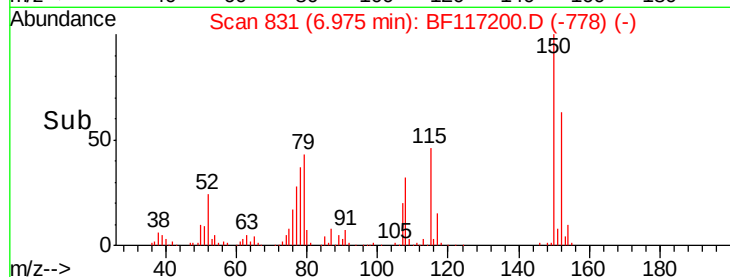
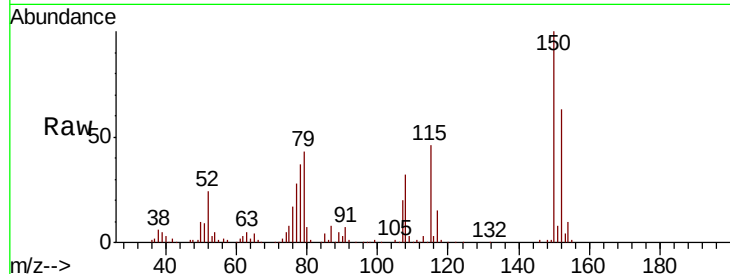
#15
Benzyl Alcohol
Concen: 54.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleID :
CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.3	59.4	89.0	
77	66.0	50.2	75.2	

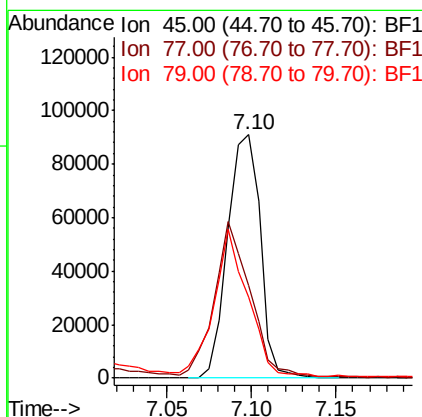
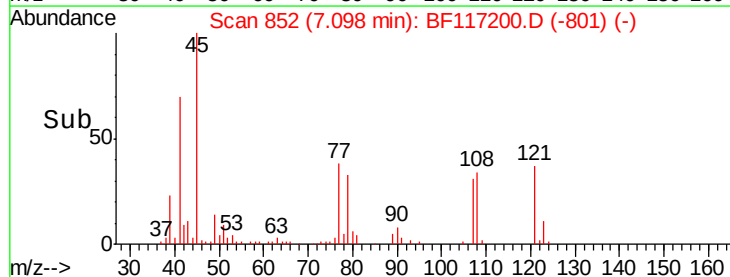
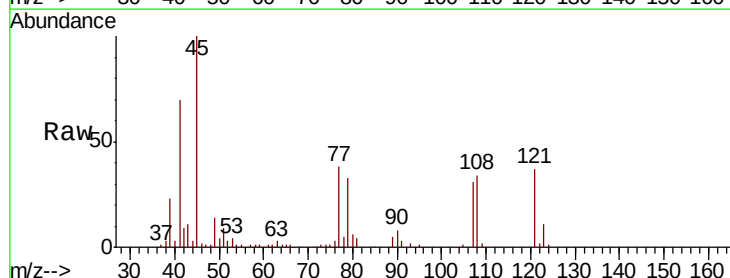
Manual Integrations
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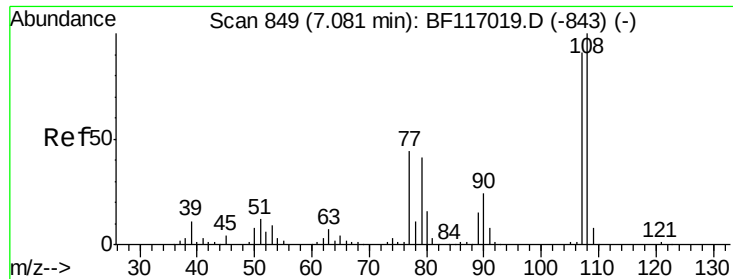
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.820 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	37.8	2.7	42.7	
79	33.2	0.0	38.9	





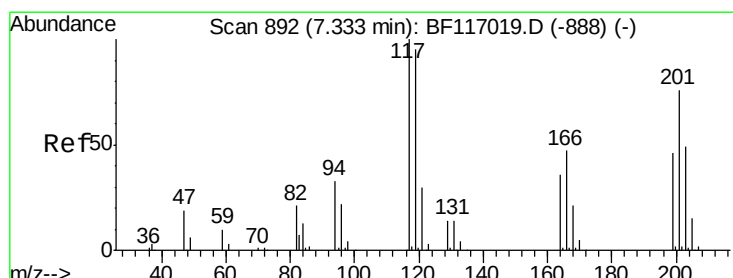
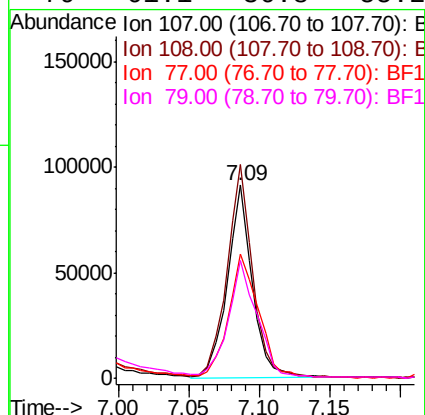
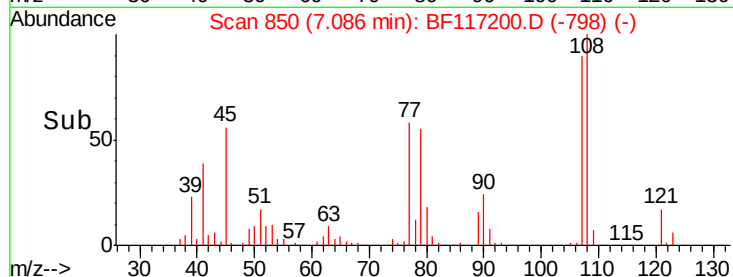
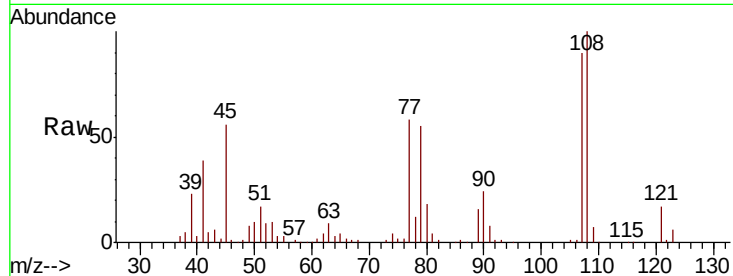
#17
2-Methylphenol
Concen: 50.157 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	87.7	131.5	
77	64.1	38.6	58.0	
79	61.1	36.8	55.2	

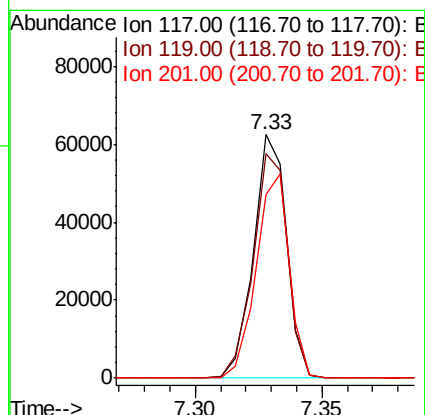
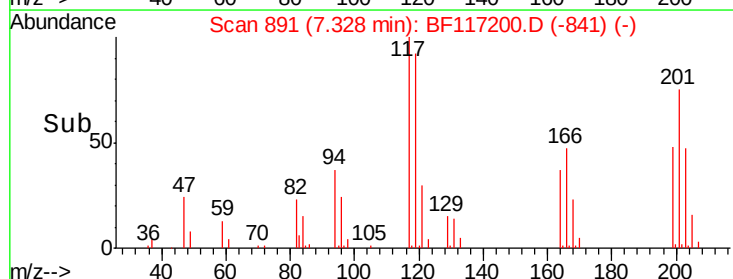
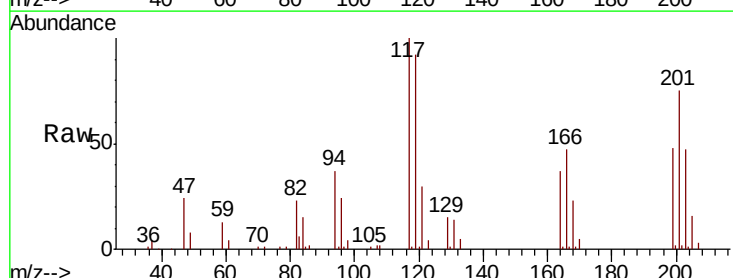
Manual Integrations
APPROVED

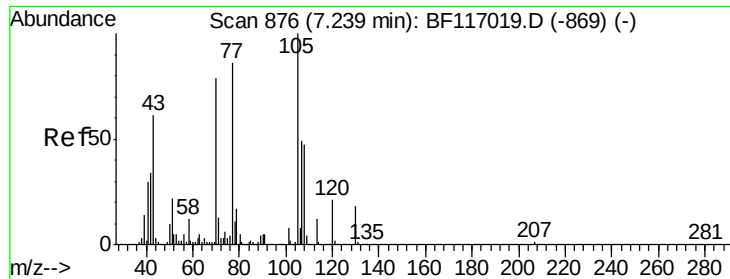
mohammad
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#18
Hexachloroethane
Concen: 48.316 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.4	75.8	113.8	
201	75.1	60.9	91.3	





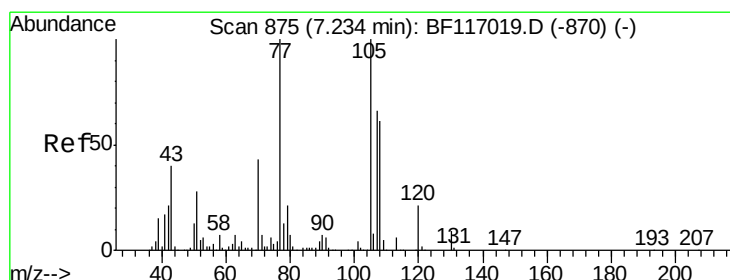
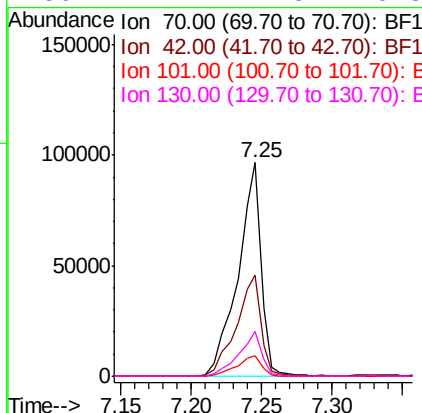
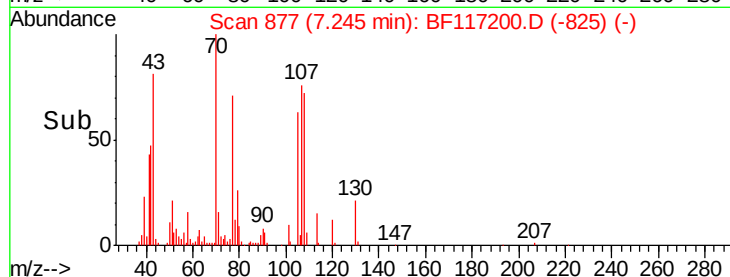
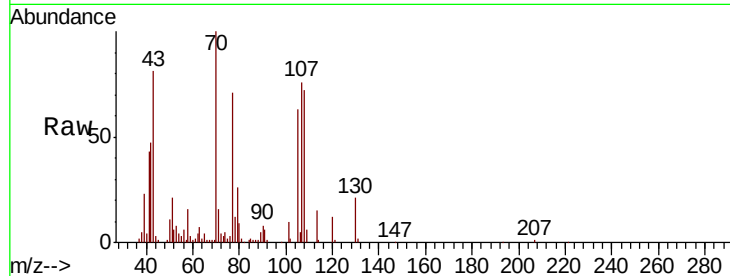
#19
n-Nitroso-di-n-propylamine
Concen: 56.559 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.3	34.0	51.0
101	9.7	7.8	11.6
130	21.1	17.8	26.8

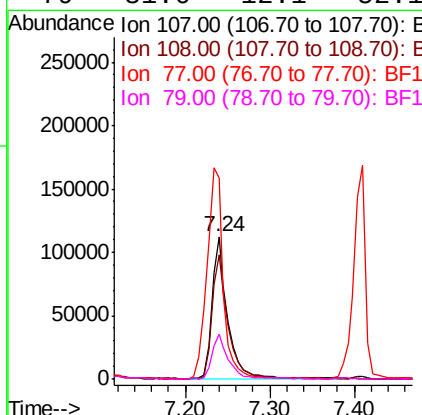
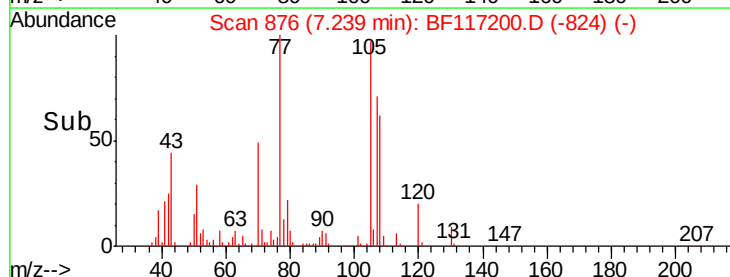
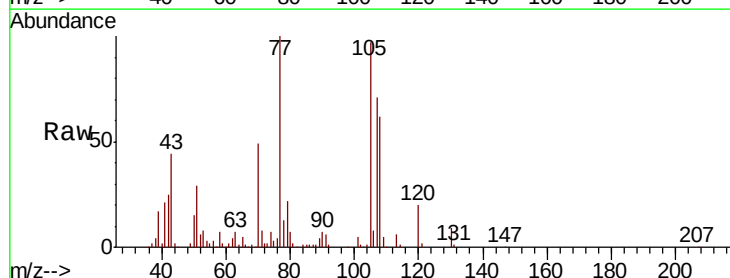
Manual Integrations
APPROVED

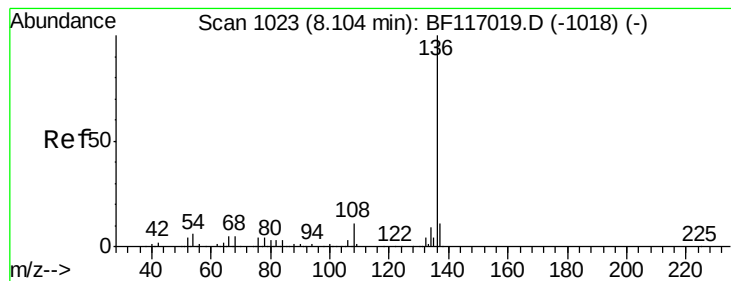
mohammad
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#20
3+4-Methylphenols
Concen: 52.005 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	72.6	112.6
77	140.4	132.1	172.1
79	31.6	12.1	52.1





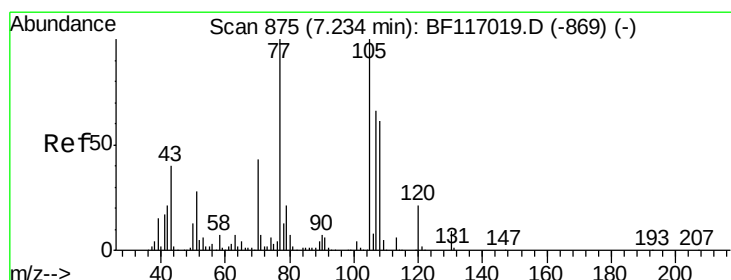
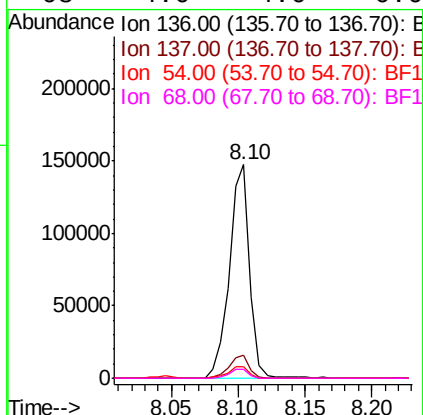
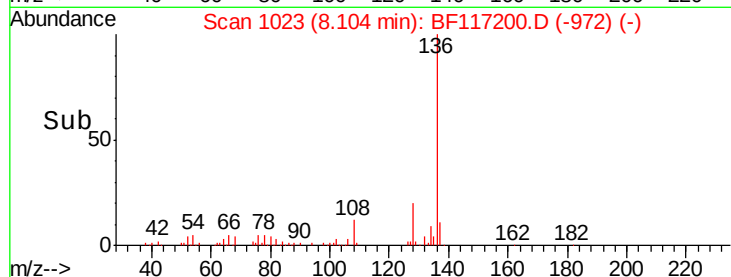
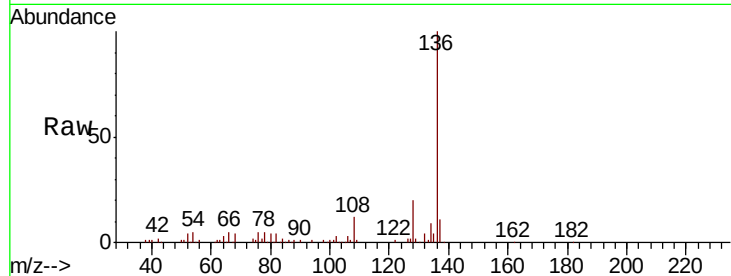
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		156698		
137	10.8		9.0	13.4	
54	5.1		4.5	6.7	
68	4.0		4.0	6.0	

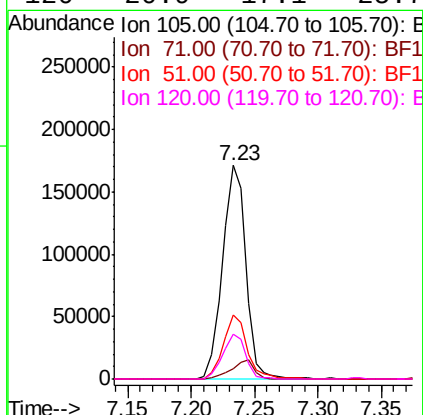
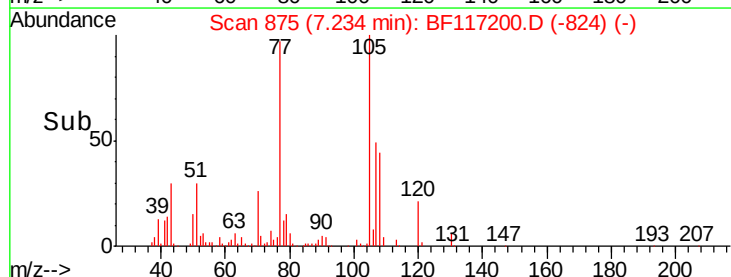
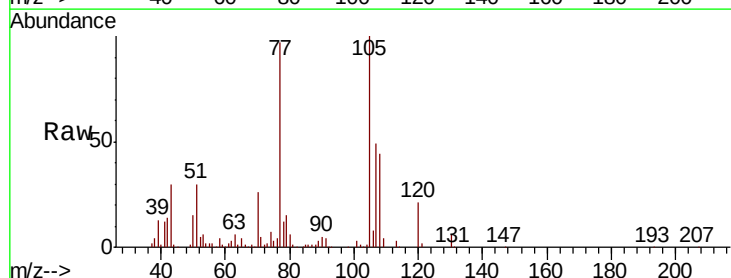
Manual Integrations
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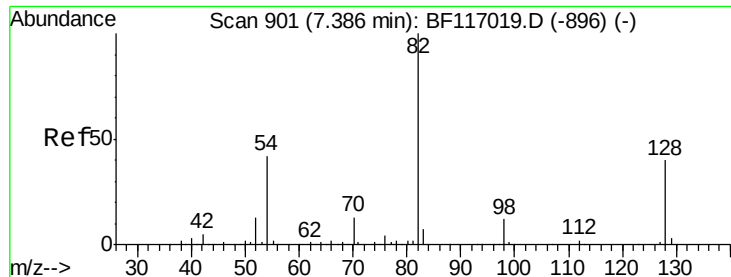
mohammad
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#22
Acetophenone
Concen: 55.099 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		219359		
71	4.6		5.7	8.5#	
51	30.3		22.1	33.1	
120	20.9		17.1	25.7	





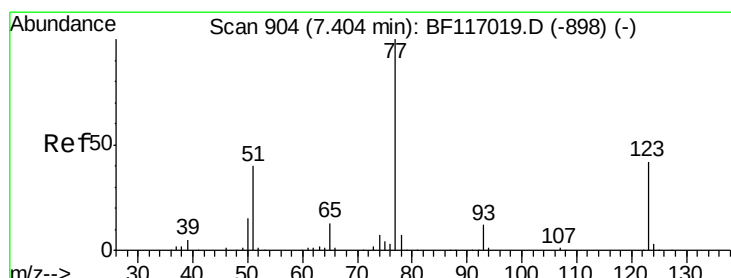
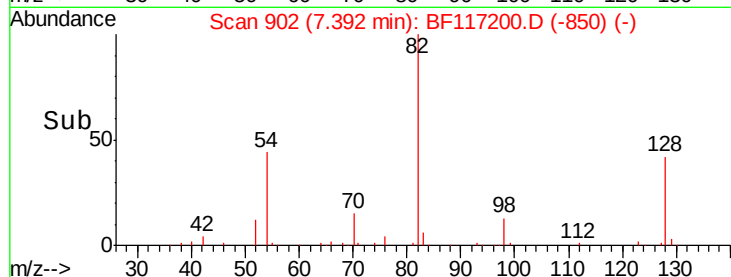
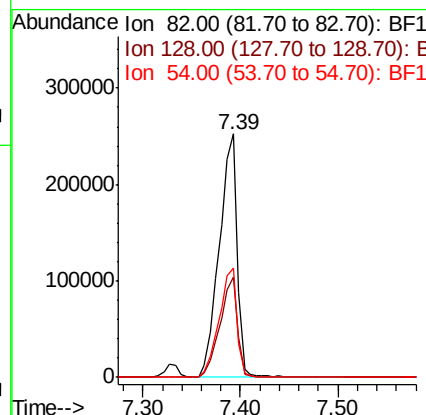
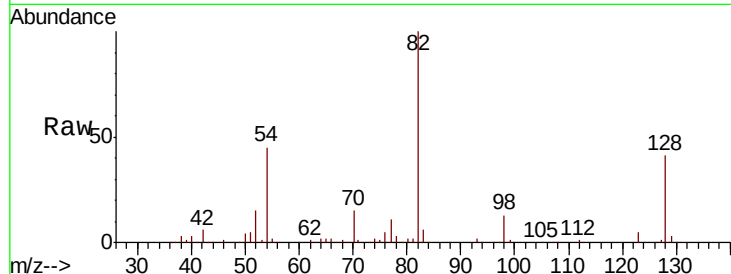
#23
 Nitrobenzene-d5
 Concen: 108.097 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.4	32.3	48.5	
54	44.7	33.3	49.9	

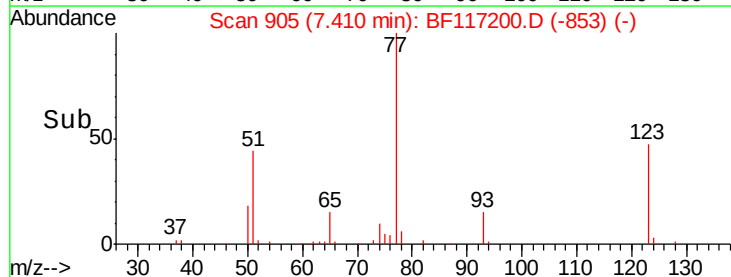
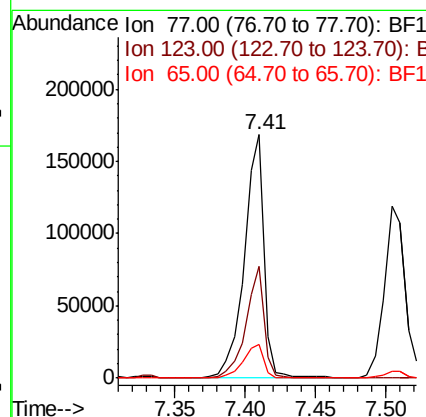
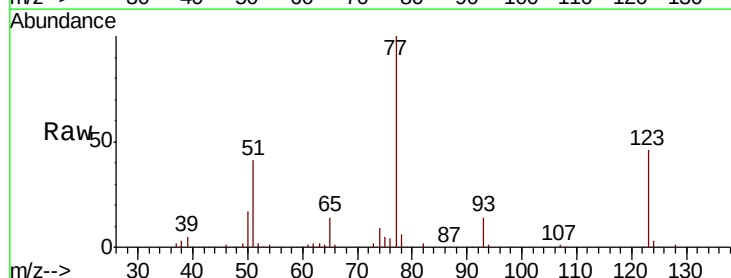
Manual Integrations
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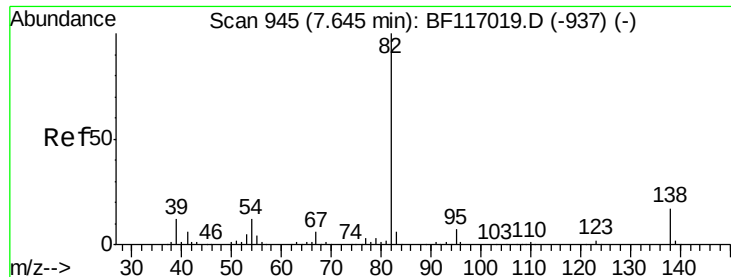
mohammad
 9/24/2019 9:12:55 AM



#24
 Nitrobenzene
 Concen: 54.515 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.7	33.5	50.3	
65	13.7	10.5	15.7	





#25

Isophorone

Concen: 56.294 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

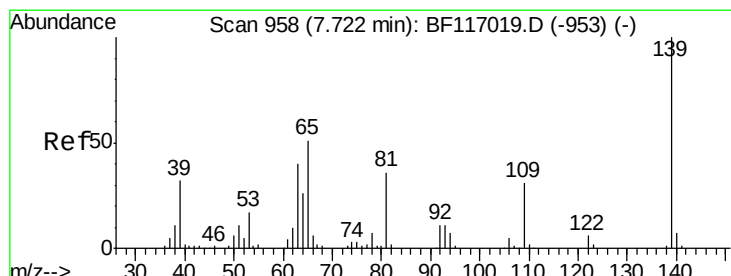
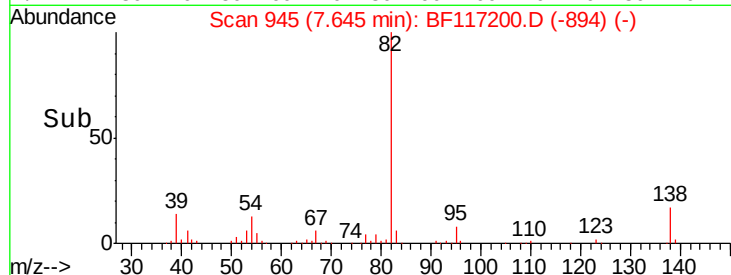
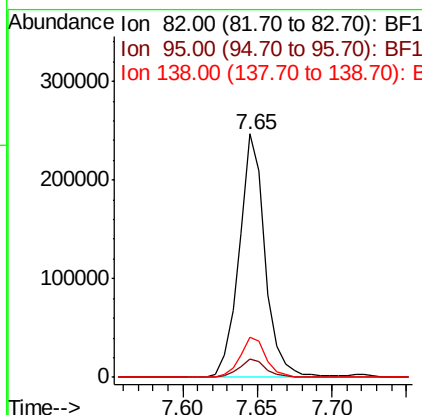
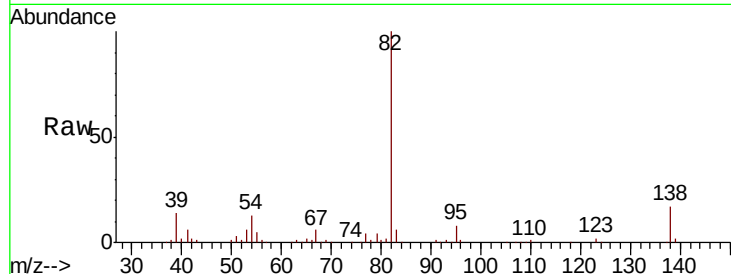
ClientSampleId :

CL-02-091819MS

Tot Ion	82	Resp	297258
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.8	8.6
138	16.6	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.483 ng

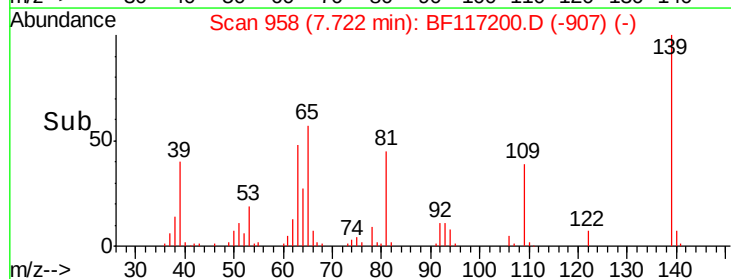
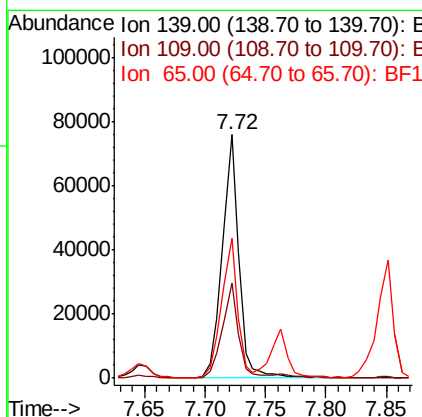
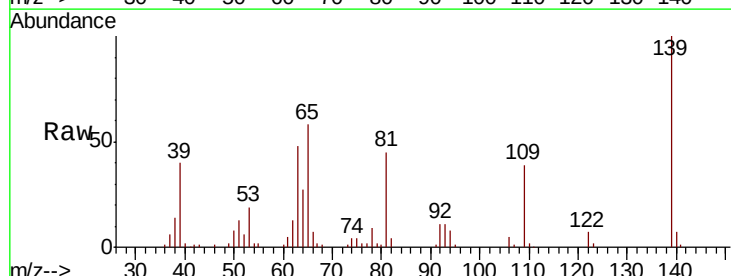
RT: 7.72 min Scan# 958

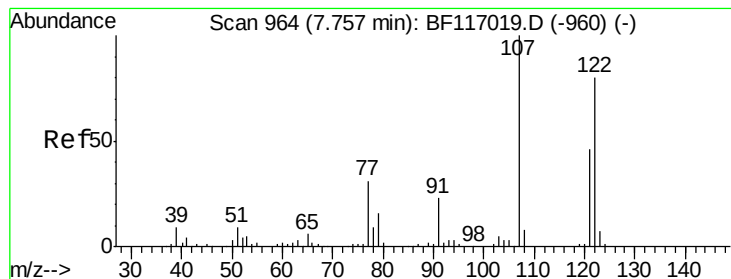
Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion	139	Resp	72719
Ion Ratio	Lower	Upper	
139	100		
109	38.9	24.6	36.8#
65	57.6	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 61.429 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

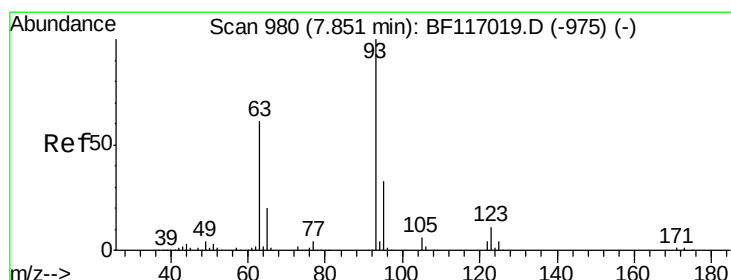
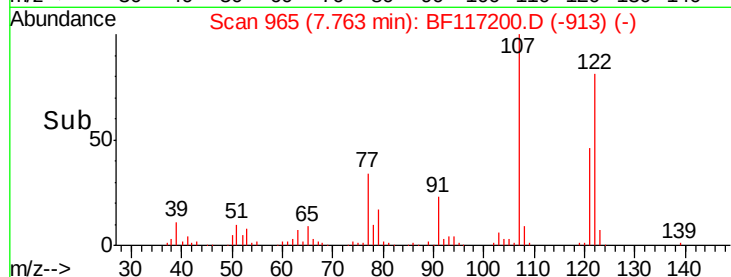
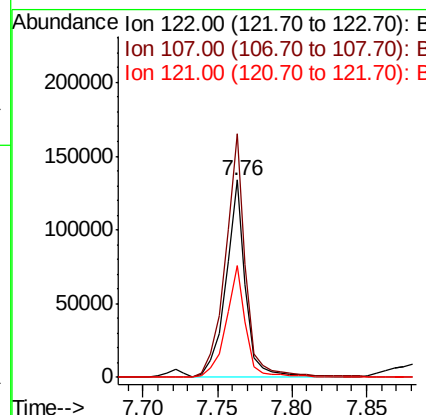
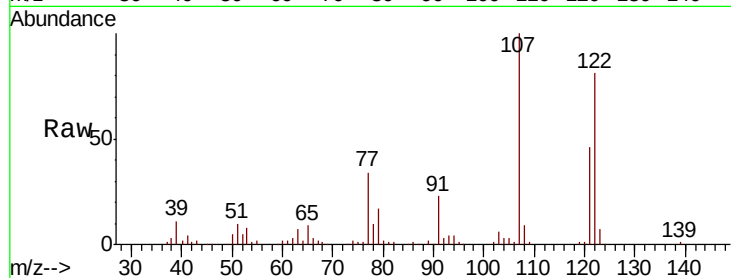
ClientSampleId :

CL-02-091819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	123.4		98.9	148.3	
121	56.4		45.3	67.9	

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#28

bis(2-Chloroethoxy)methane

Concen: 52.724 ng

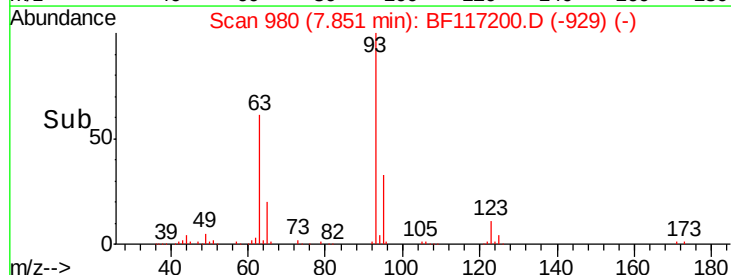
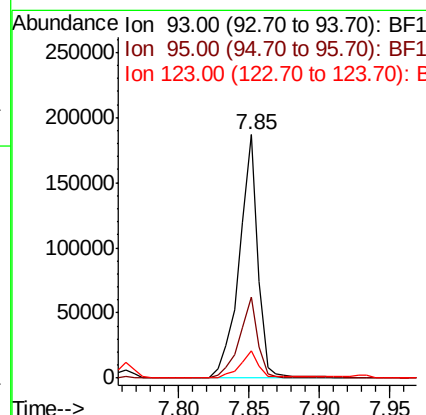
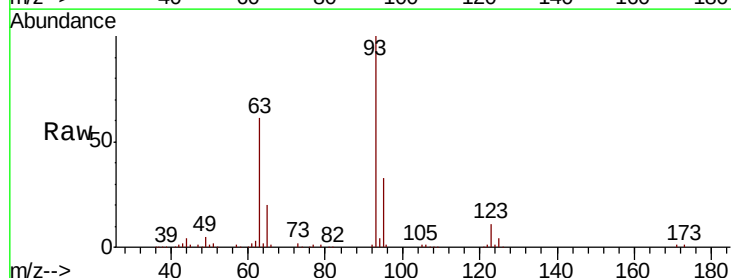
RT: 7.85 min Scan# 980

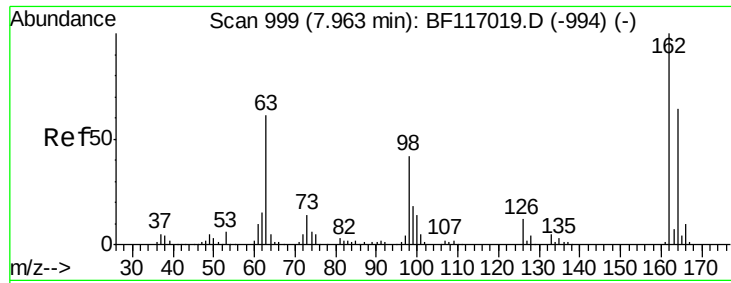
Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1		26.2	39.4	
123	11.3		9.0	13.6	





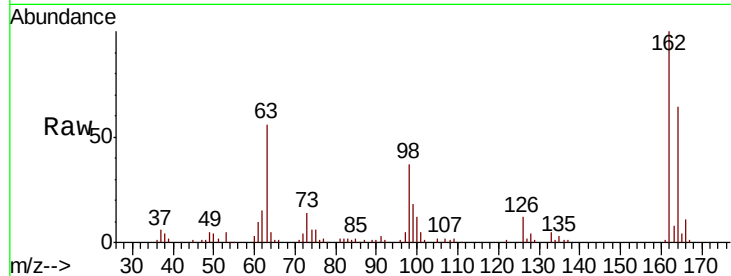
#29
2,4-Dichlorophenol
Concen: 55.718 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

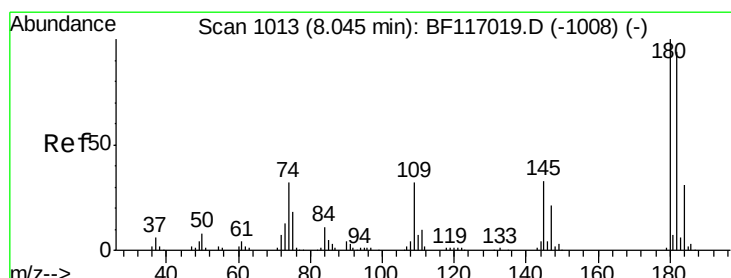
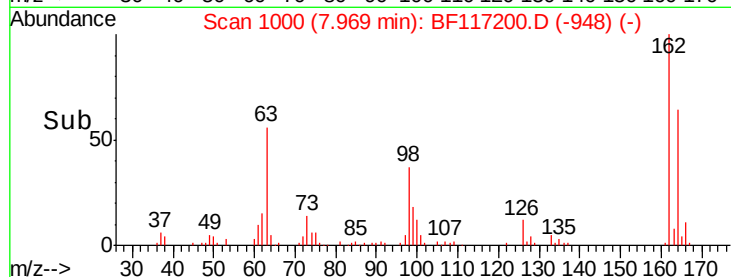
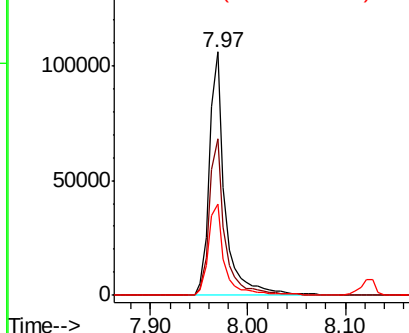
Tot Ion	Ratio	Resp	Lower	Upper
162	100	117121		
164	64.1	43.8	83.8	
98	37.4	22.1	62.1	

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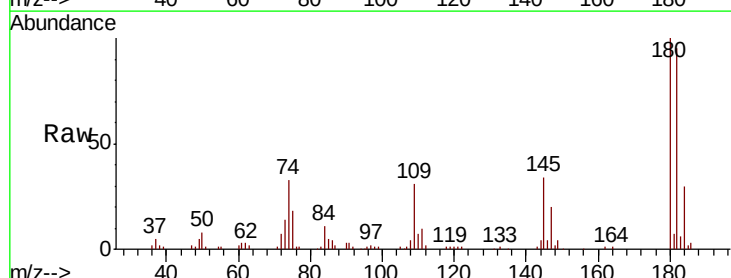


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

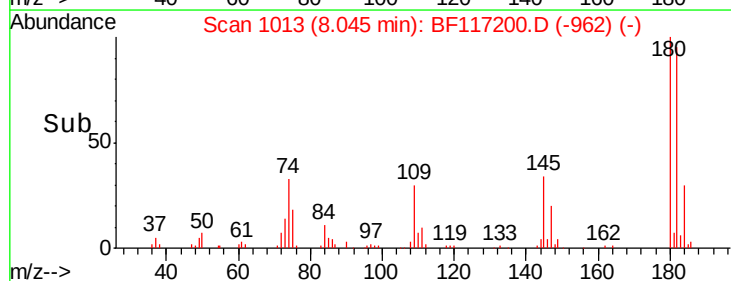
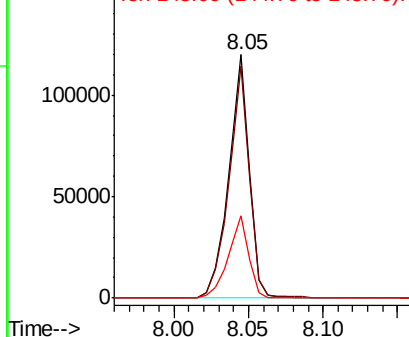


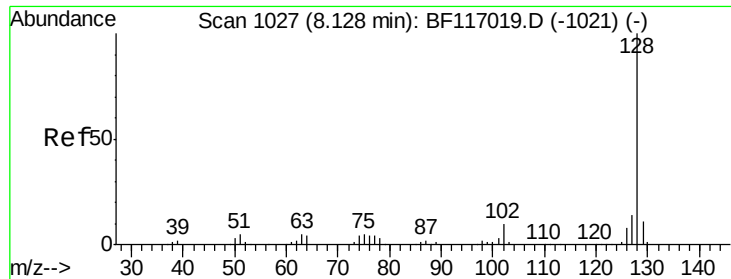
#30
1,2,4-Trichlorobenzene
Concen: 51.712 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117437		
182	95.3	75.4	113.0	
145	33.9	26.7	40.1	



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





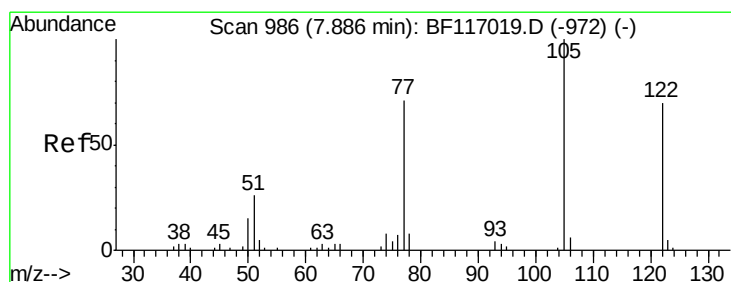
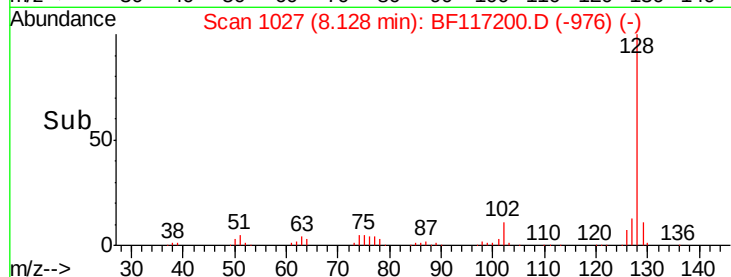
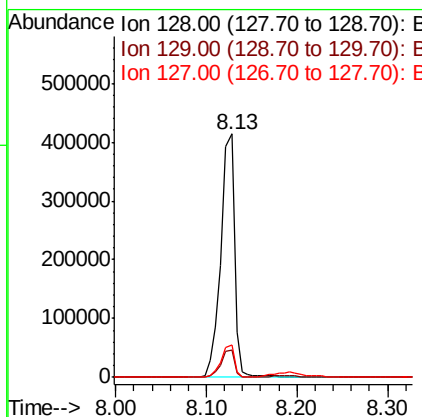
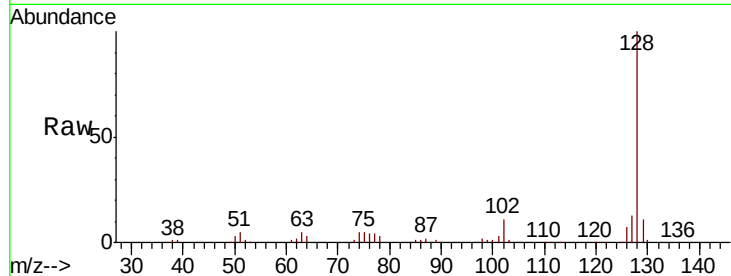
#31
Naphthalene
Concen: 57.626 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.3	10.8	16.2

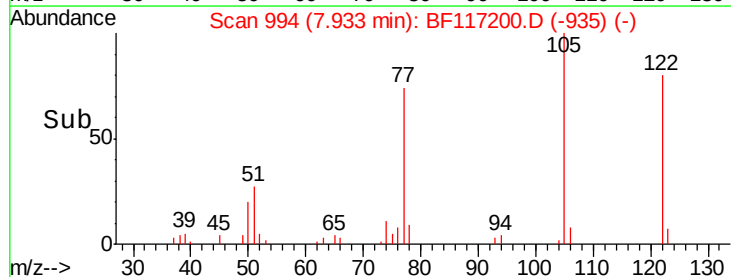
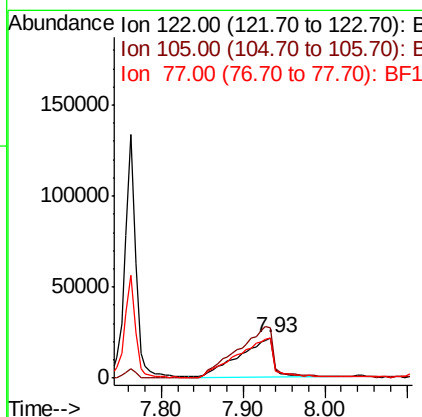
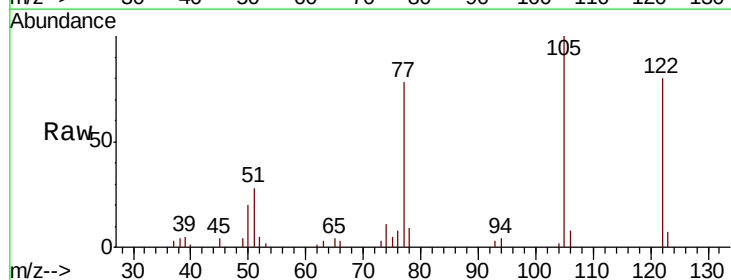
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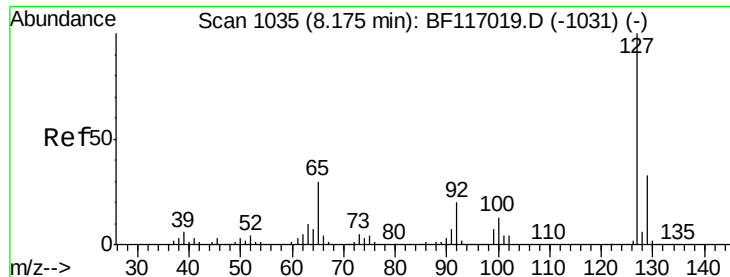
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#32
Benzoic acid
Concen: 43.879 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	114.8	154.8
77	97.8	78.7	118.7





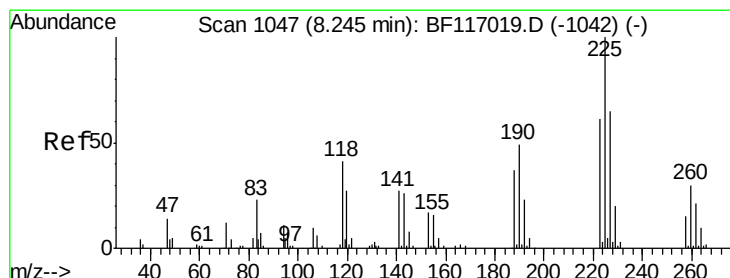
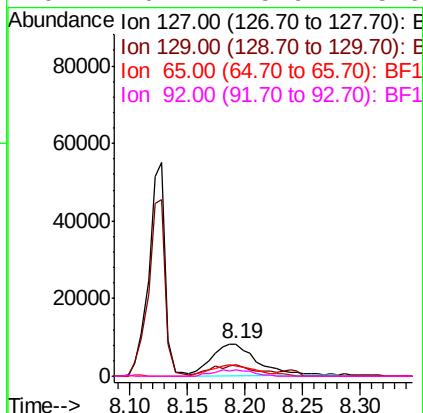
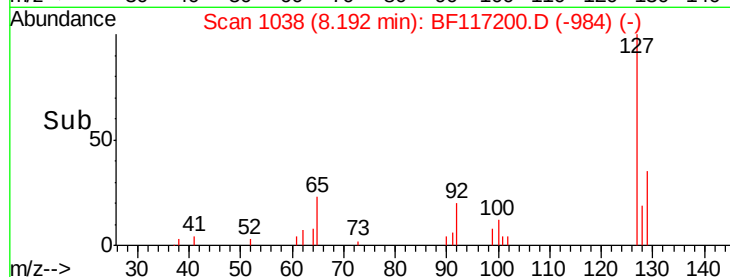
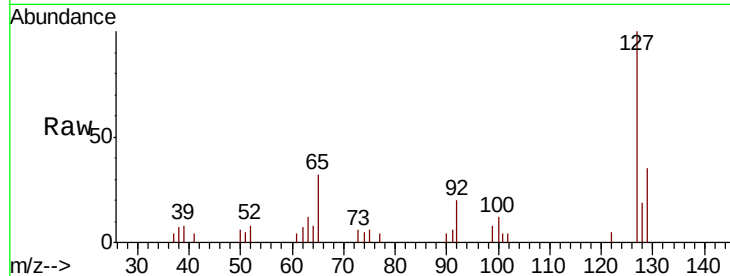
#33
4-Chloroaniline
Concen: 6.674 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.4	26.2	39.2		
65	31.7	23.5	35.3		
92	20.1	15.9	23.9		

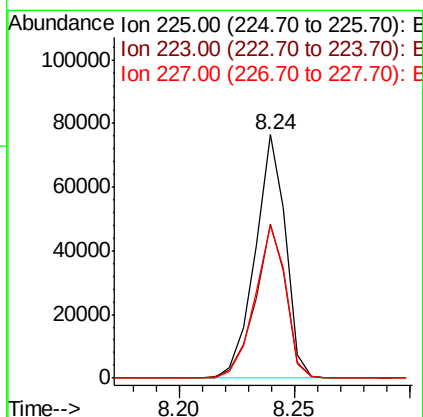
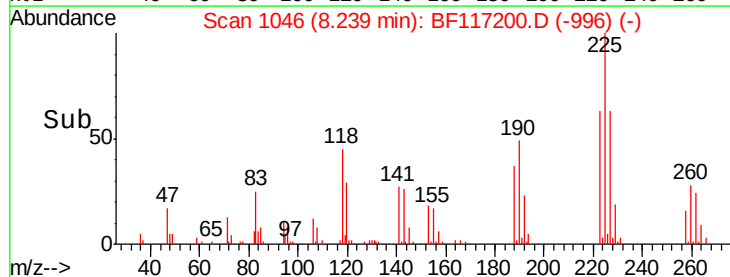
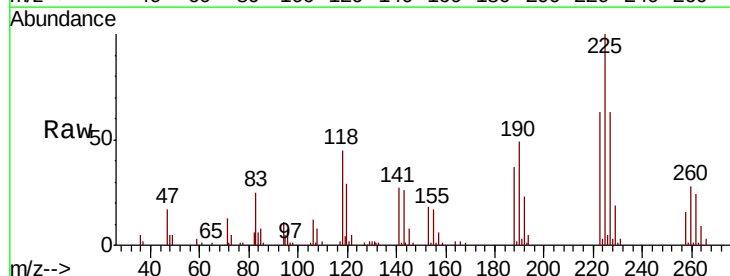
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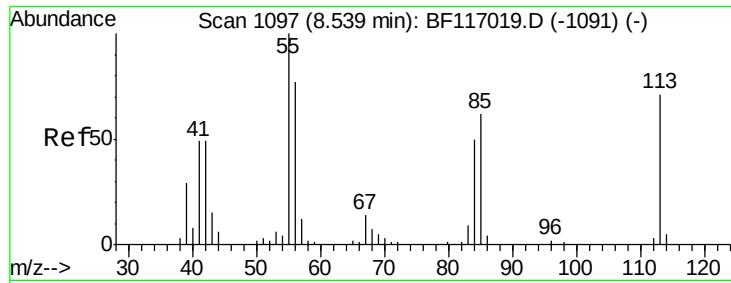
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#34
Hexachlorobutadiene
Concen: 54.616 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.1	73.7		
227	62.7	52.2	78.2		





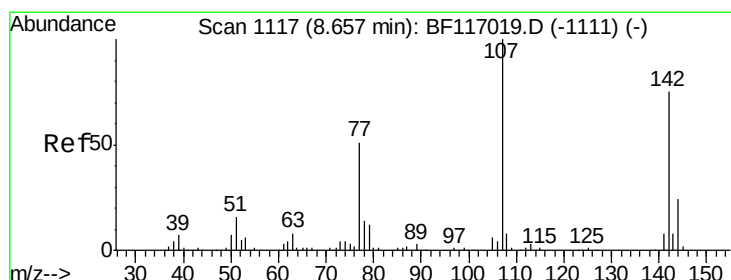
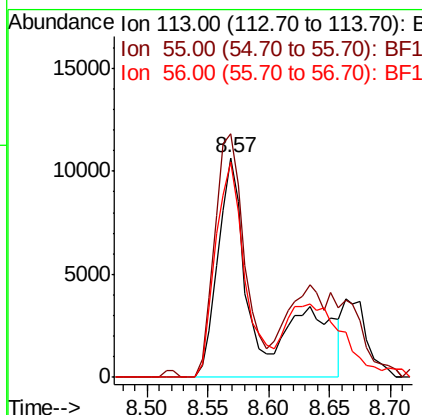
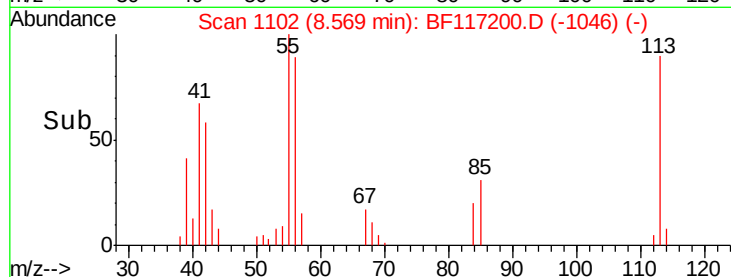
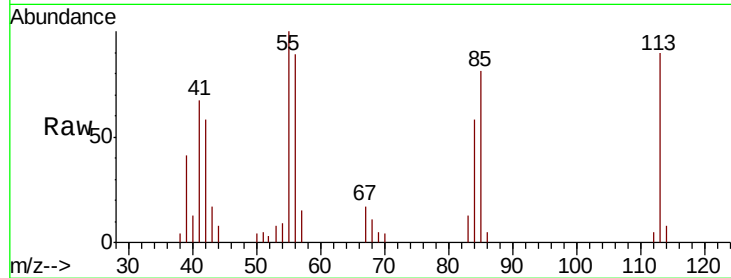
#35
 Caprolactam
 Concen: 35.183 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.03 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	110.9	120.6	160.6#
56	98.2	88.8	128.8

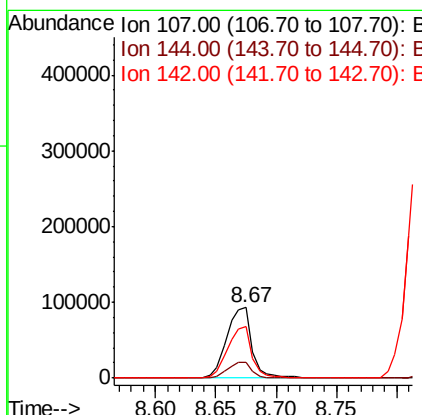
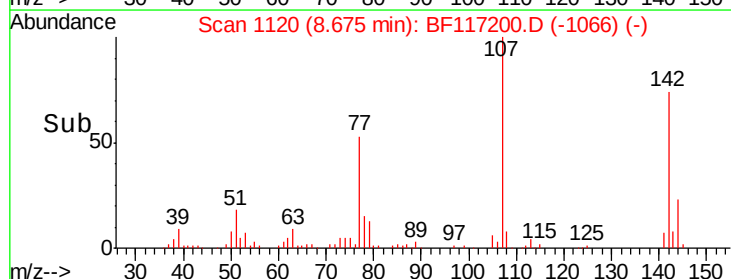
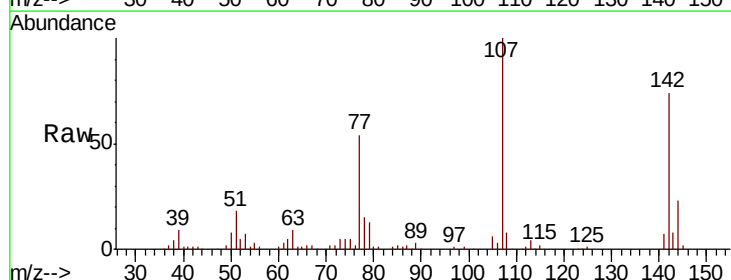
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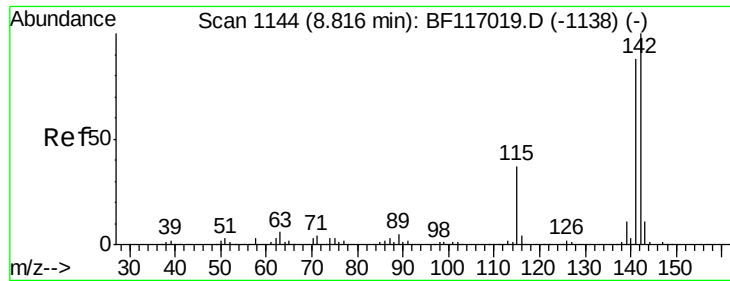
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#36
 4-Chloro-3-methylphenol
 Concen: 55.286 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.02 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.2	28.8
142	73.8	59.6	89.4





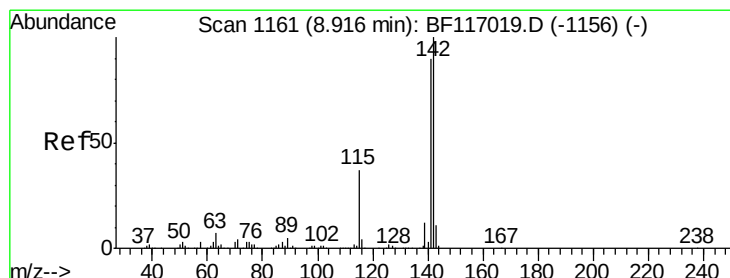
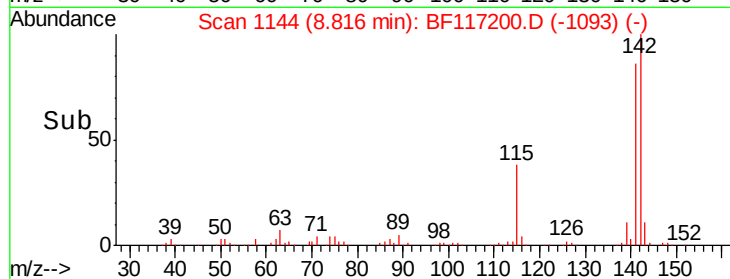
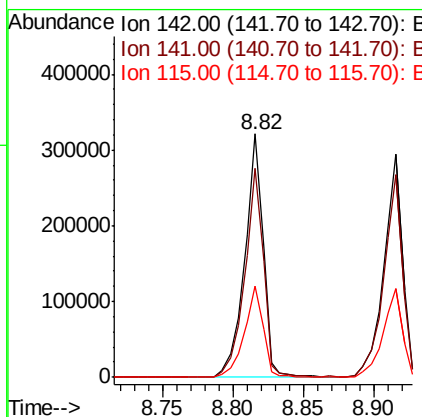
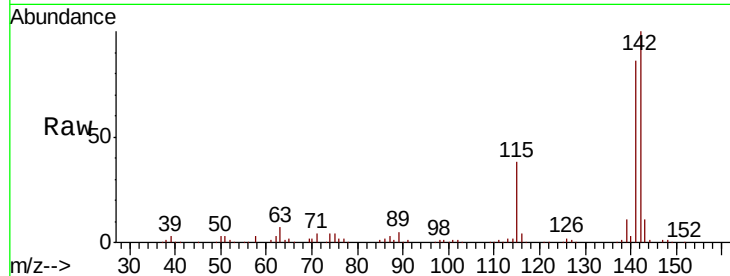
#37
2-Methylnaphthalene
Concen: 58.115 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.7	106.1
115	37.6	29.4	44.0

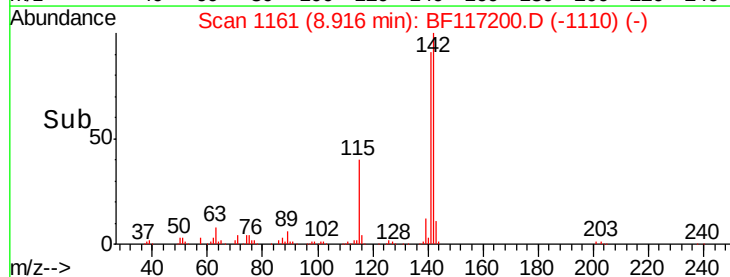
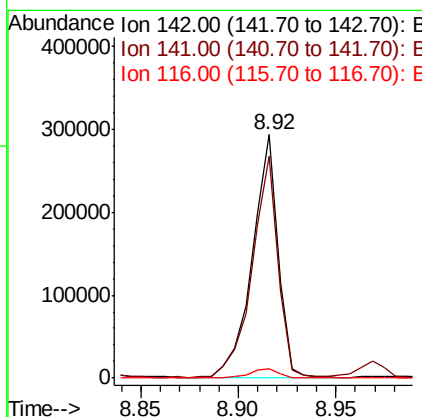
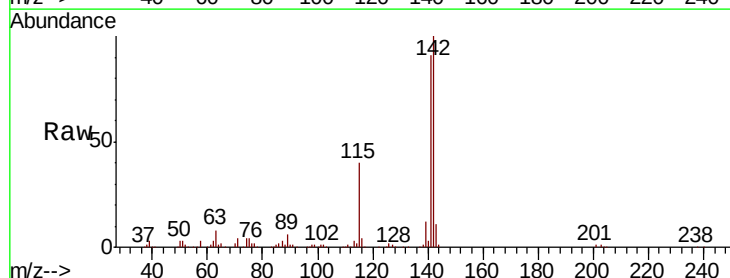
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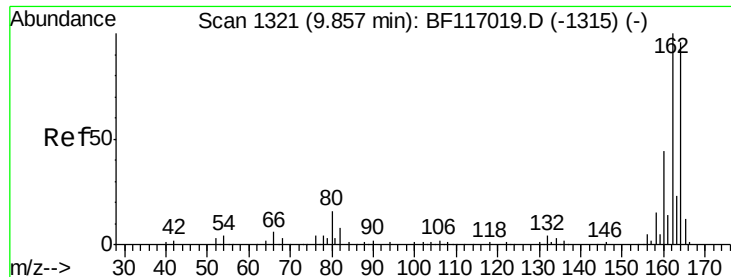
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#38
1-Methylnaphthalene
Concen: 56.256 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
116	4.1	3.2	4.8





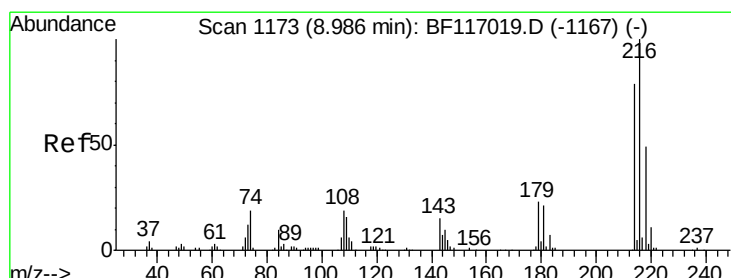
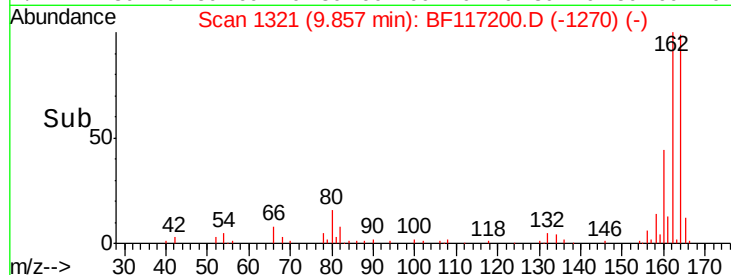
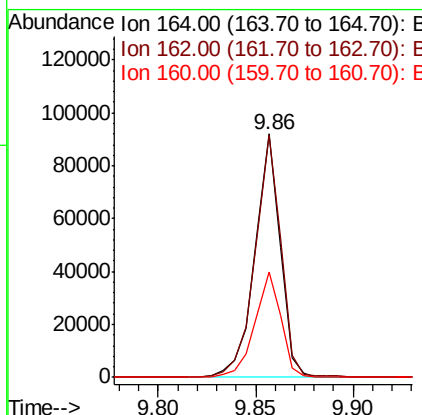
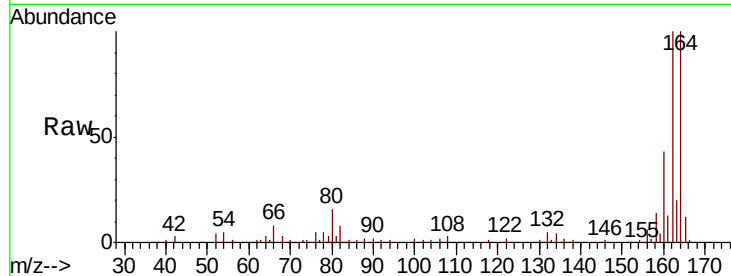
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.4	125.2
160	43.4	36.4	54.6

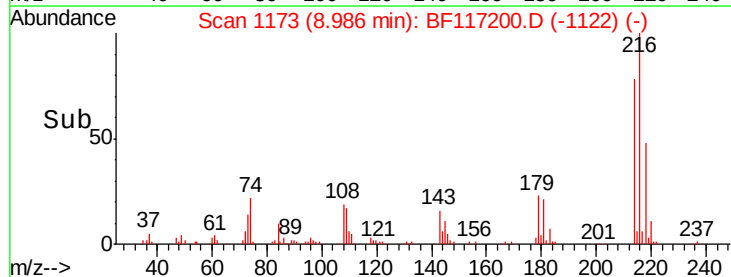
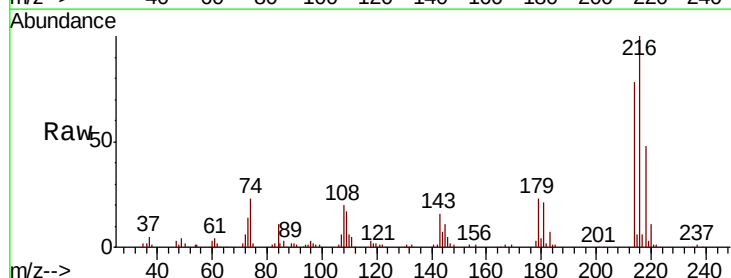
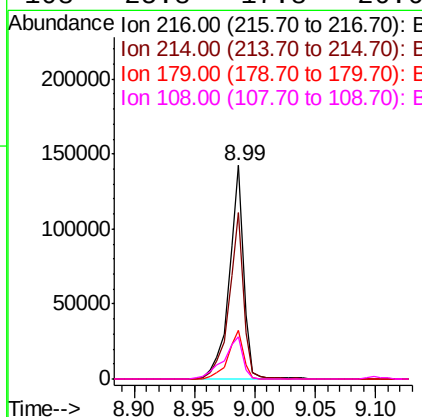
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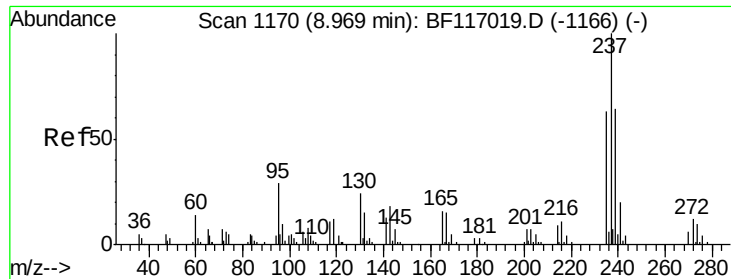
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.524 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.6	95.4
179	23.8	18.3	27.5
108	25.8	17.8	26.6





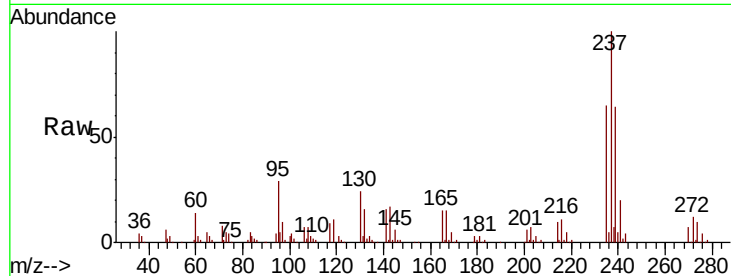
#41
Hexachlorocyclopentadiene
Concen: 127.793 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

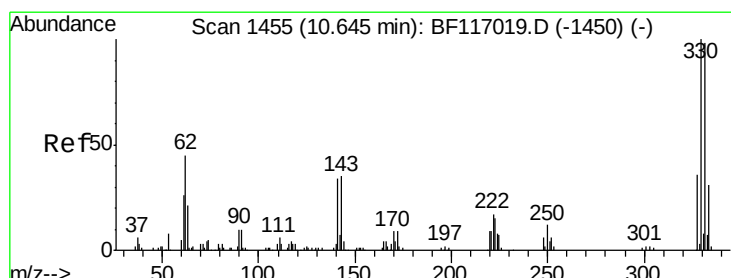
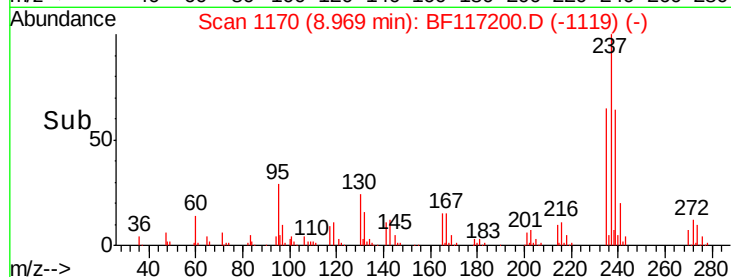
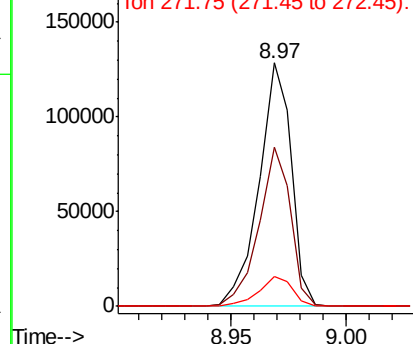
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.1	43.2	83.2
272	12.2	0.0	31.9

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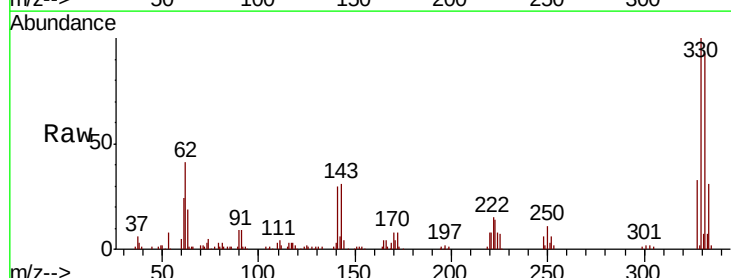


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

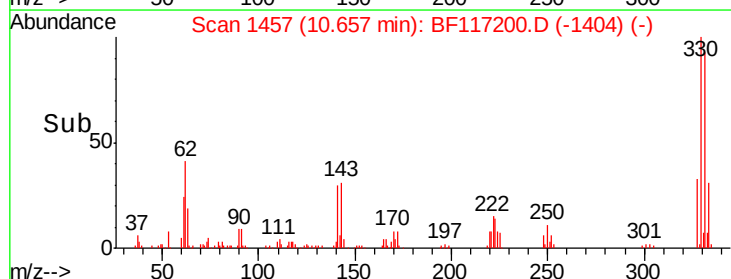
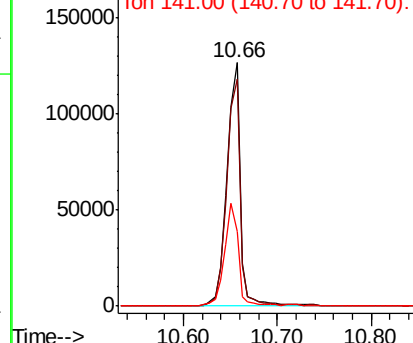


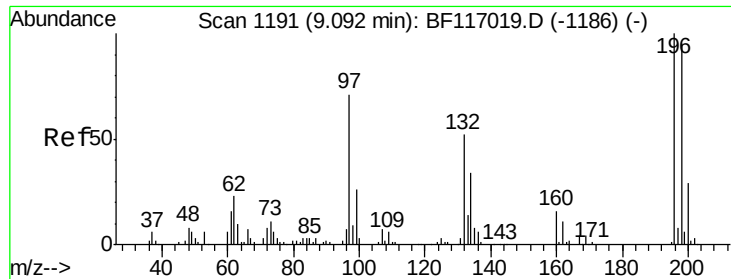
#42
2,4,6-Tribromophenol
Concen: 183.459 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.5	78.0	117.0
141	43.4	35.8	53.6



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





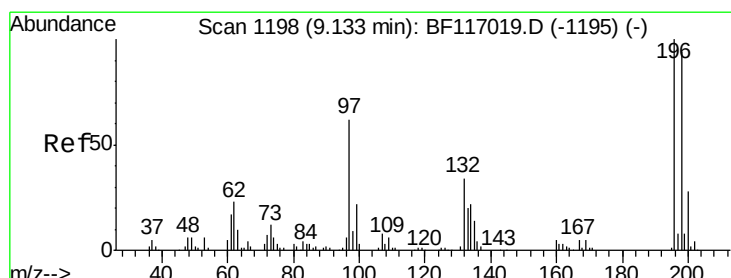
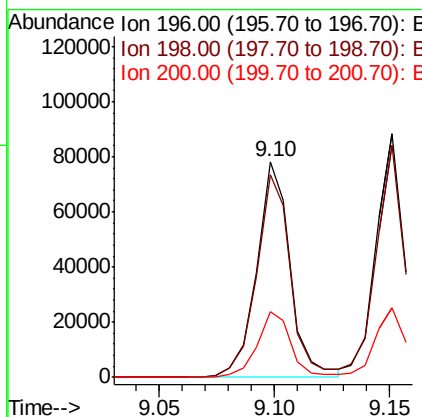
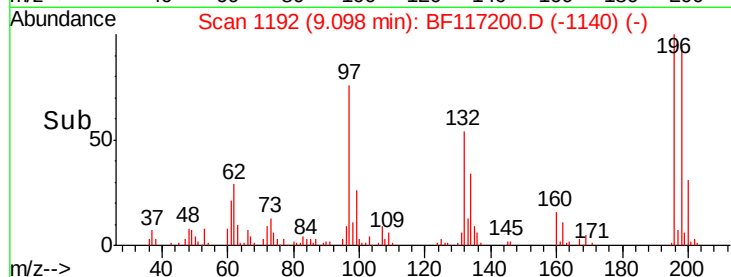
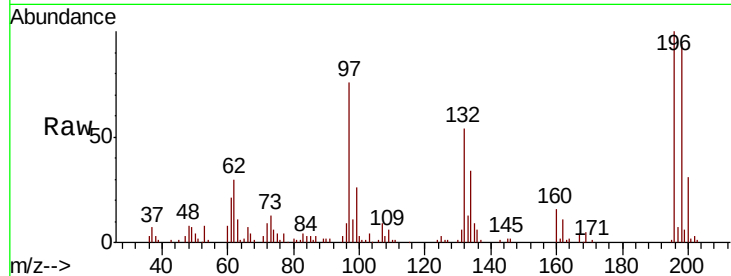
#43
 2,4,6-Trichlorophenol
 Concen: 54.795 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	79415		
198	94.0		75.7	113.5
200	30.6		23.3	34.9

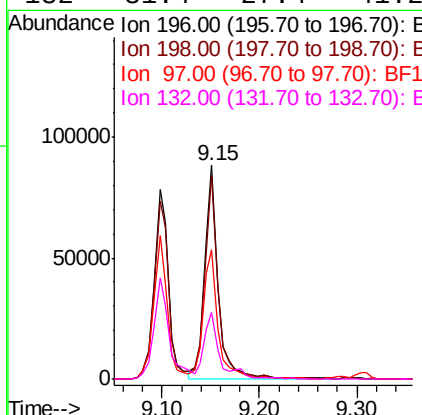
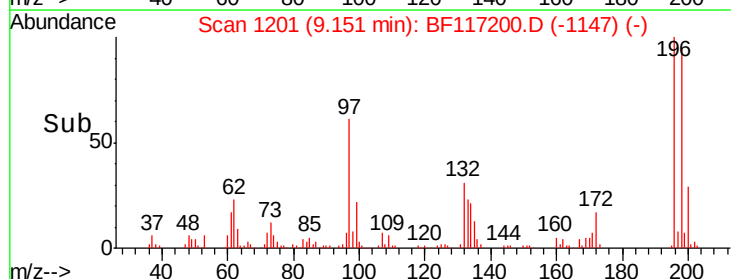
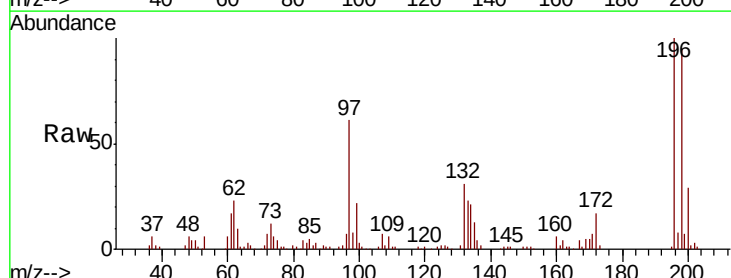
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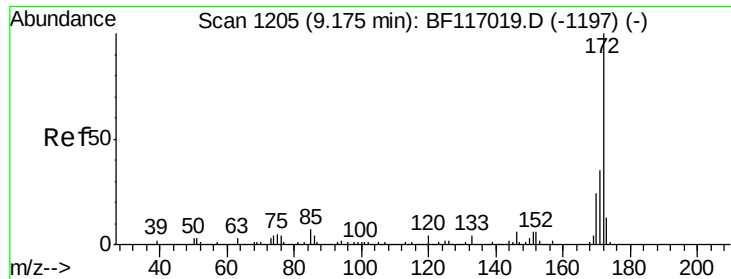
mohammad
 9/24/2019 9:12:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 55.942 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.02 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	86624		
198	95.3		74.6	112.0
97	60.7		49.5	74.3
132	31.4		27.4	41.2





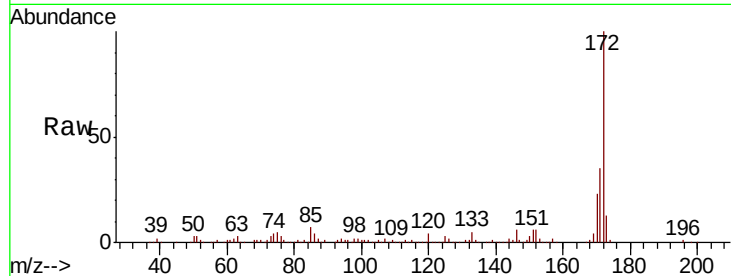
#45
2-Fluorobiphenyl
Concen: 115.432 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	610573		
171	35.4		28.2	42.2
170	23.5		18.9	28.3

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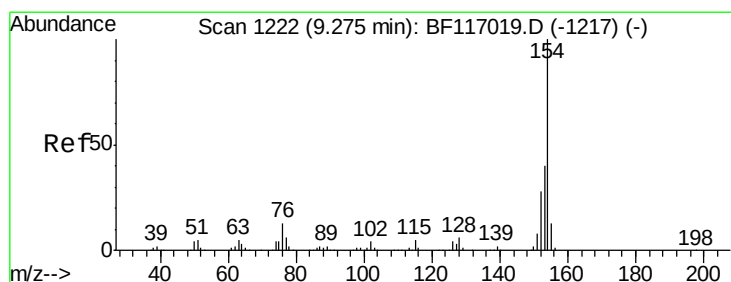
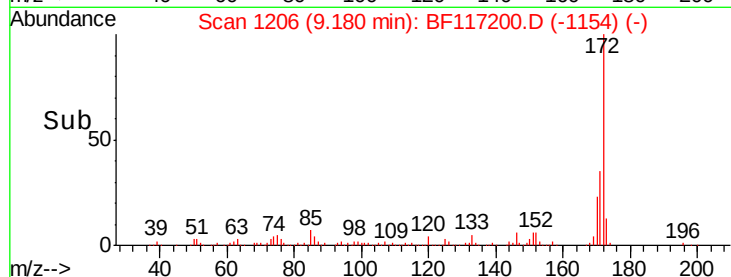
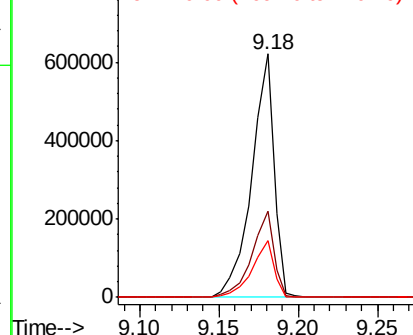


Abundance

Ion 172.00 (171.70 to 172.70): E

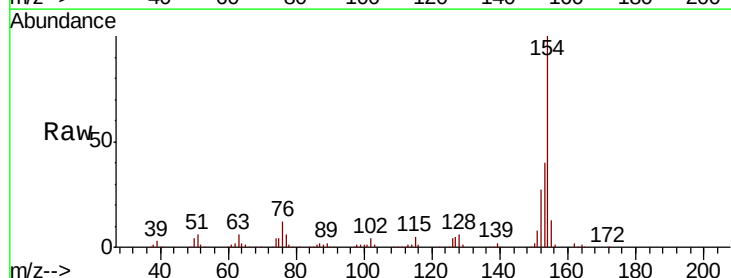
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 53.880 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	349542		
153	39.9		20.0	60.0
76	12.5		0.0	32.7

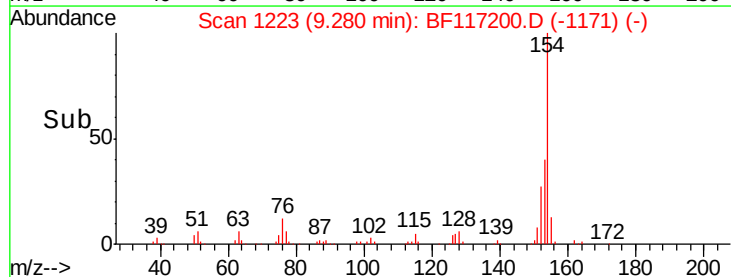
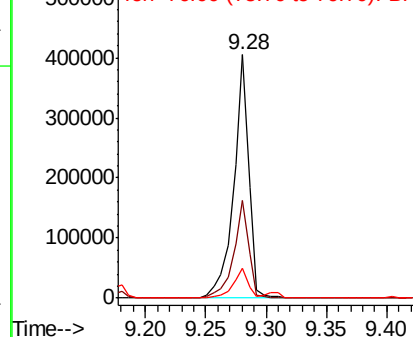


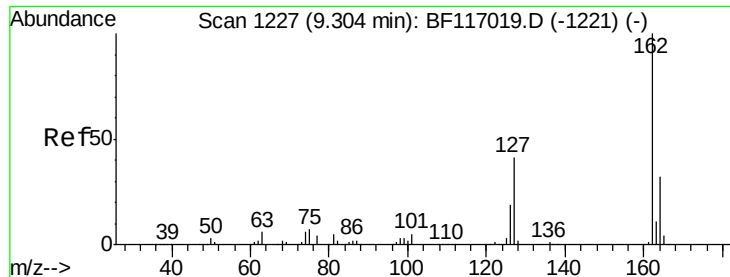
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





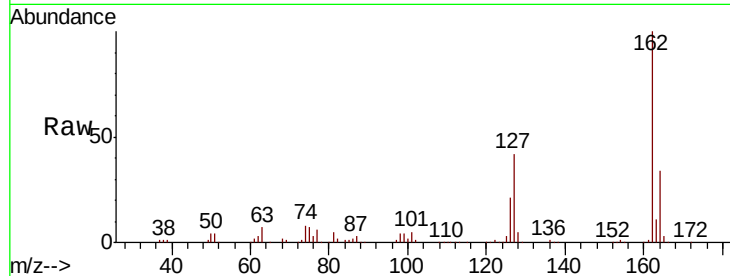
#47
2-Chloronaphthalene
Concen: 52.612 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

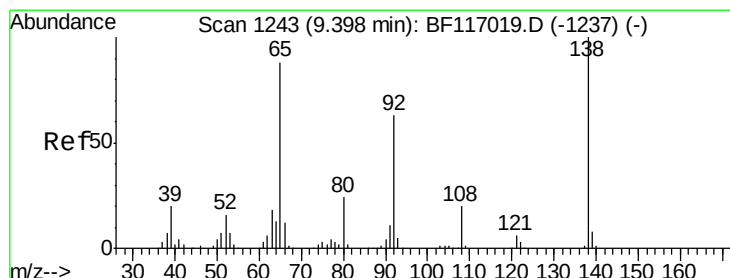
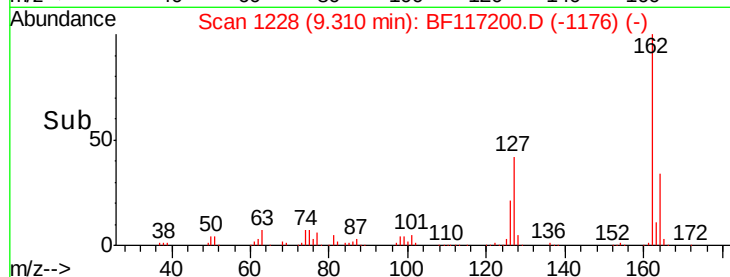
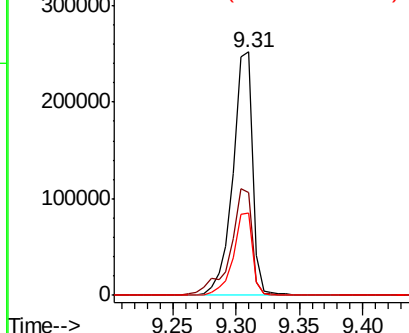
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.3	34.1	51.1	
164	33.6	25.9	38.9	

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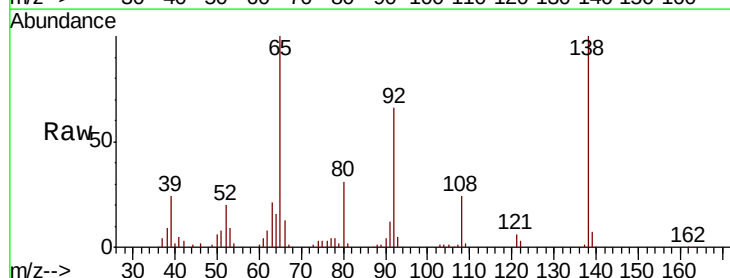


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

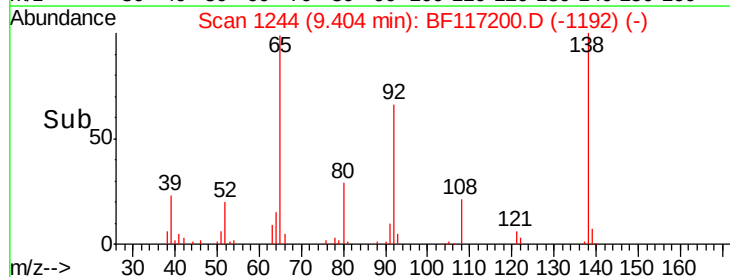
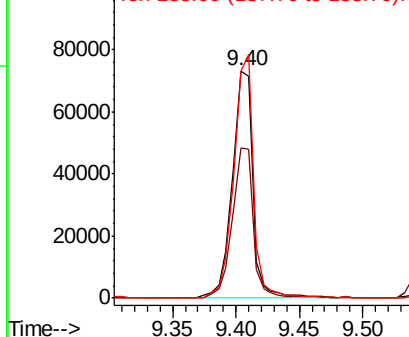


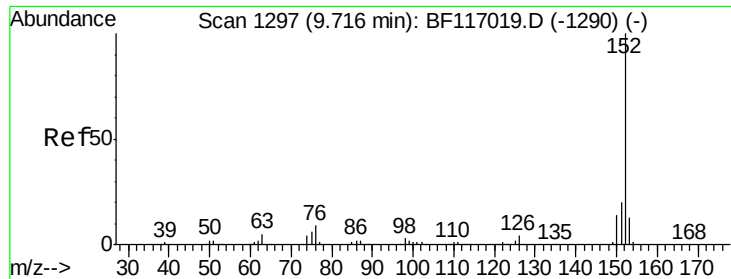
#48
2-Nitroaniline
Concen: 49.945 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.9	57.5	86.3	
138	99.6	90.6	136.0	



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





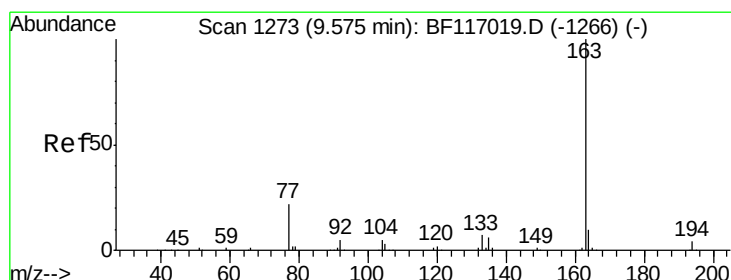
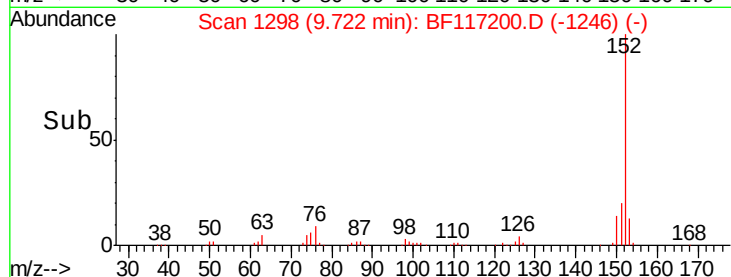
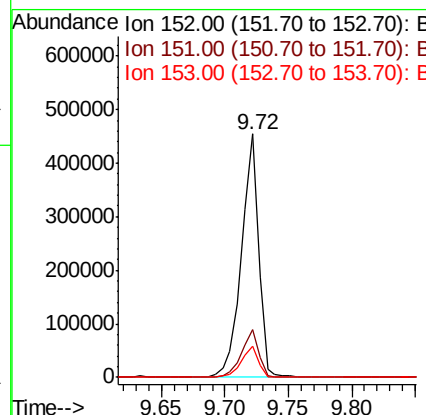
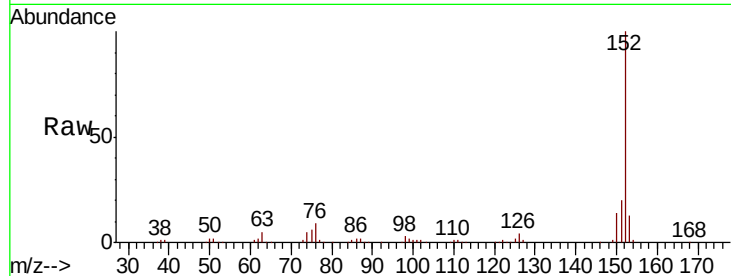
#49
Acenaphthylene
Concen: 55.099 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		422606		
151	19.6	16.2	24.2		
153	12.7	10.2	15.4		

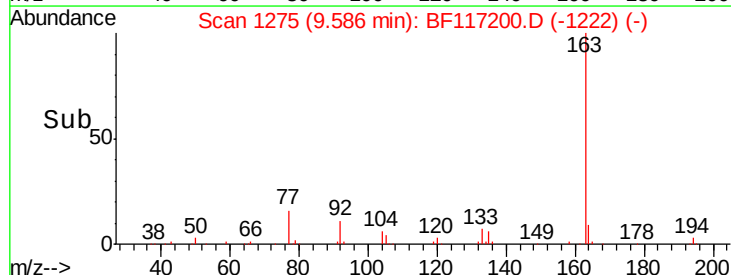
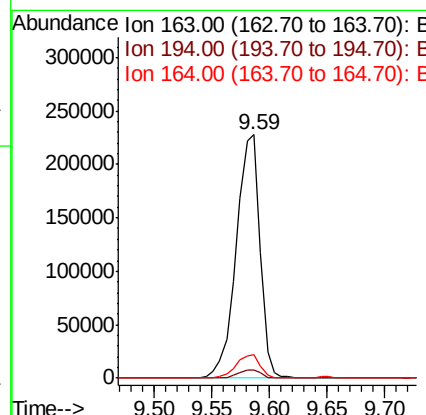
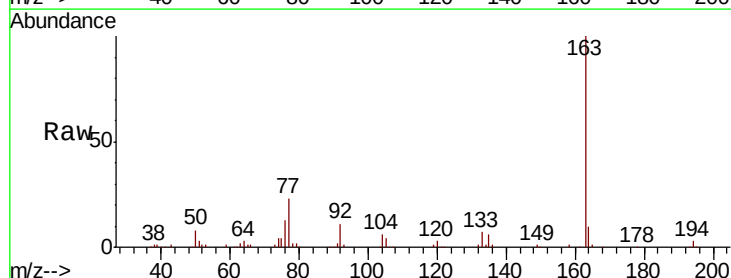
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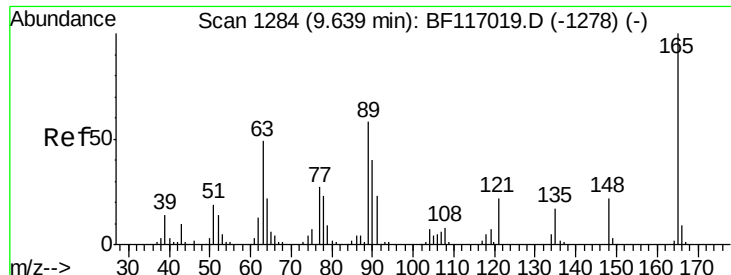
mohammad
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#50
Dimethylphthalate
Concen: 55.533 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		325196		
194	3.4	2.9	4.3		
164	9.6	8.2	12.4		





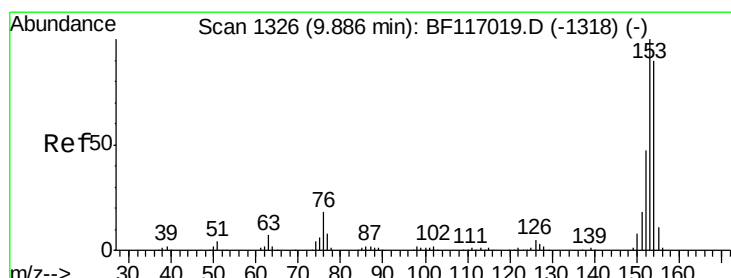
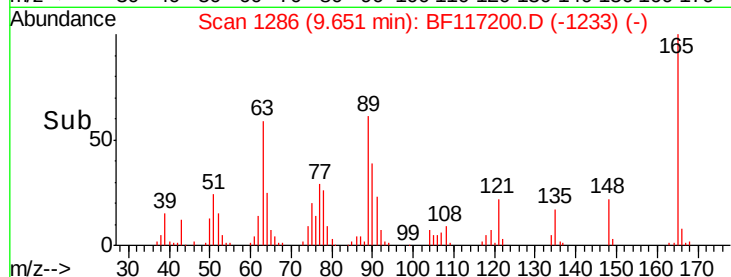
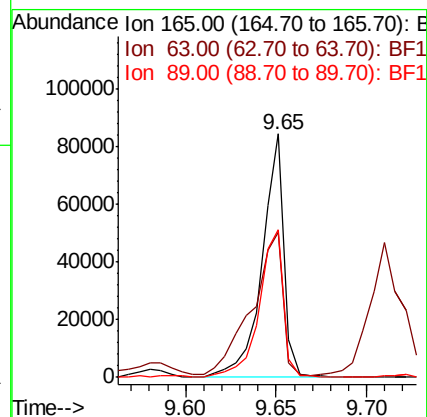
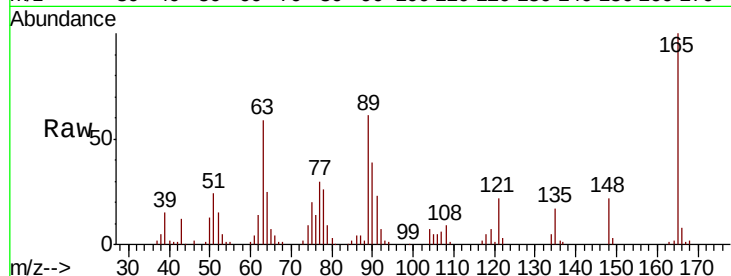
#51
2,6-Dinitrotoluene
Concen: 59.438 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	59.4	41.8	62.8
89	60.7	46.5	69.7

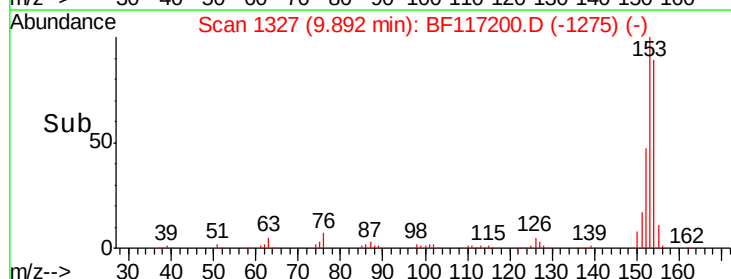
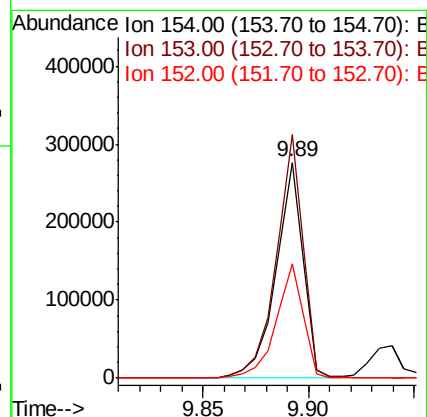
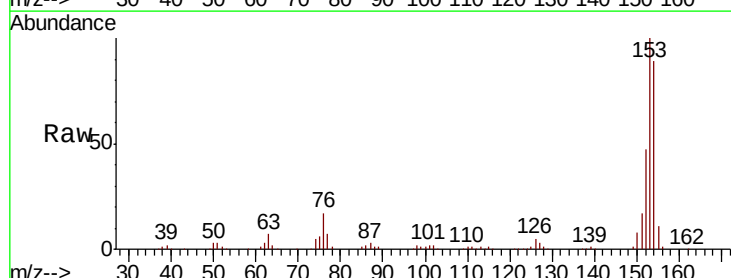
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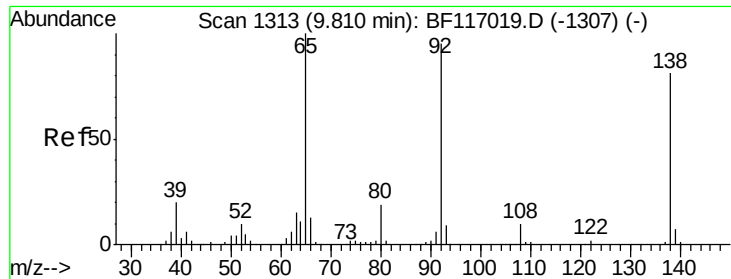
mohammad
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#52
Acenaphthene
Concen: 54.335 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.0	89.0	133.6
152	53.1	41.9	62.9





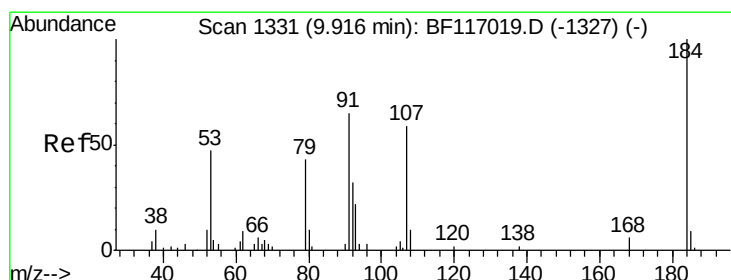
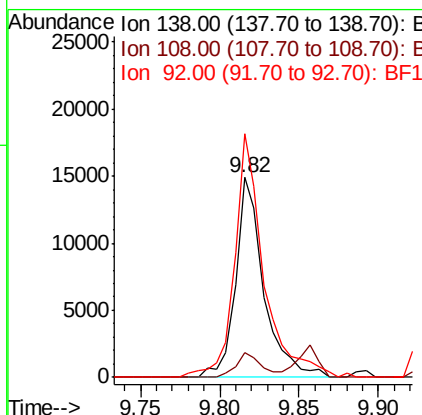
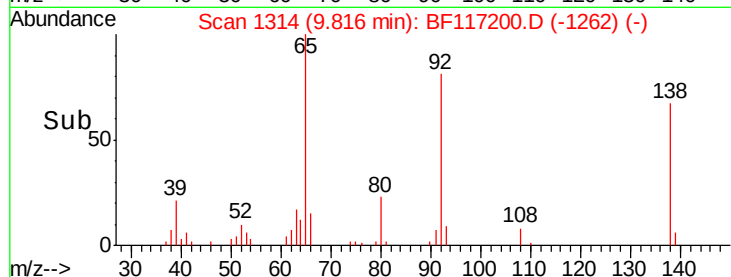
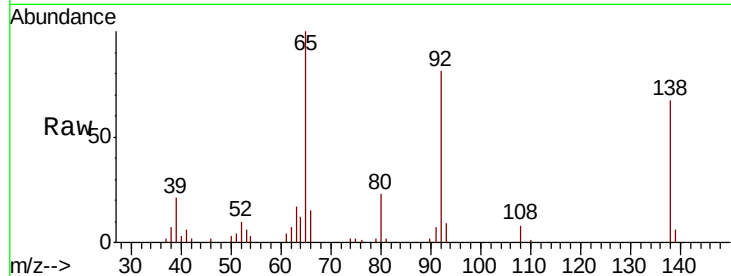
#53
 3-Nitroaniline
 Concen: 12.222 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.5	14.3
92	122.0	94.1	141.1

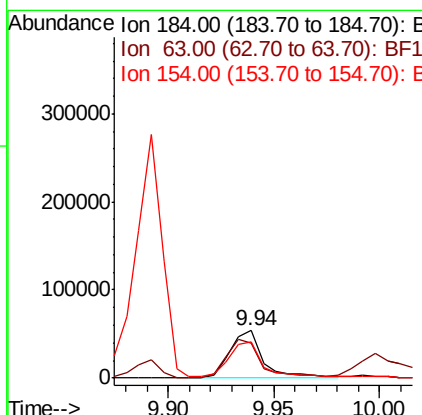
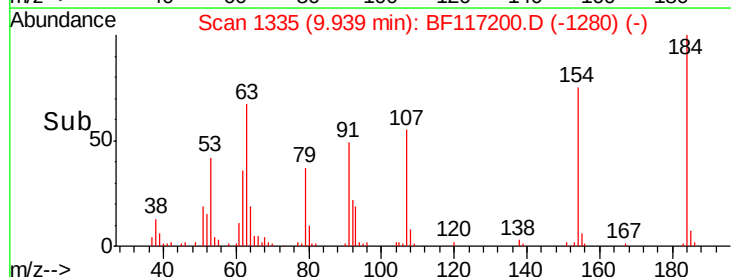
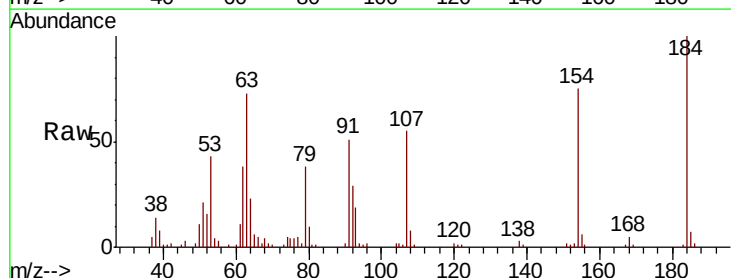
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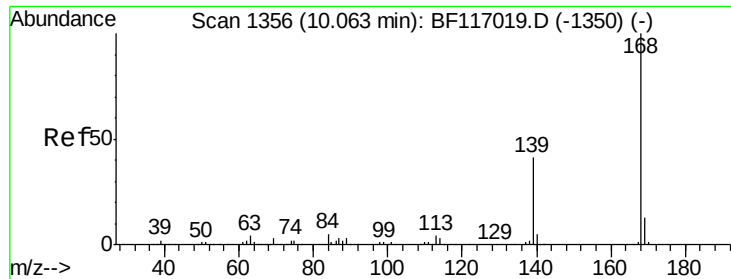
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 111.522 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.02 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.1	63.8	95.6
154	75.3	60.4	90.6





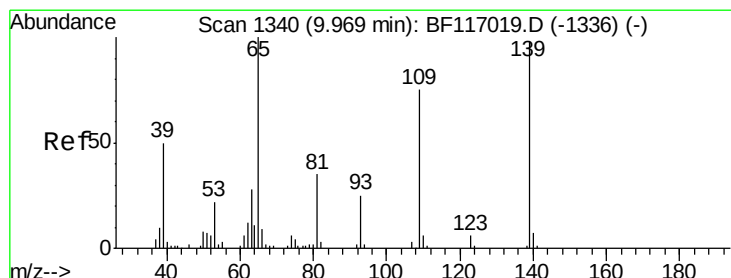
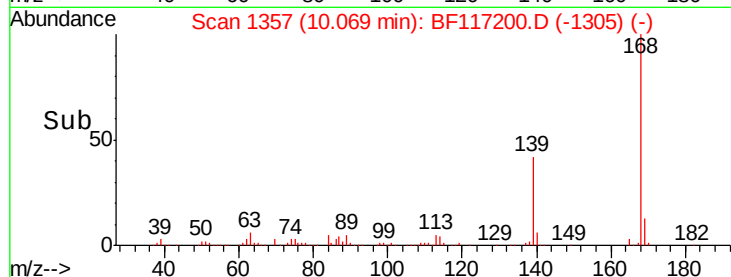
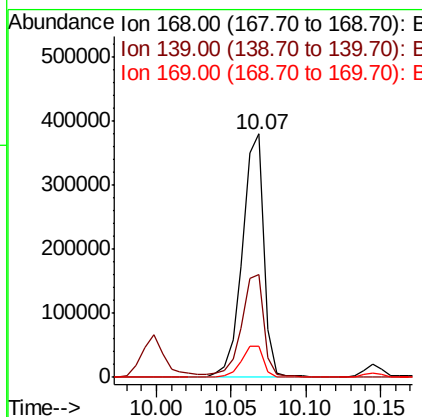
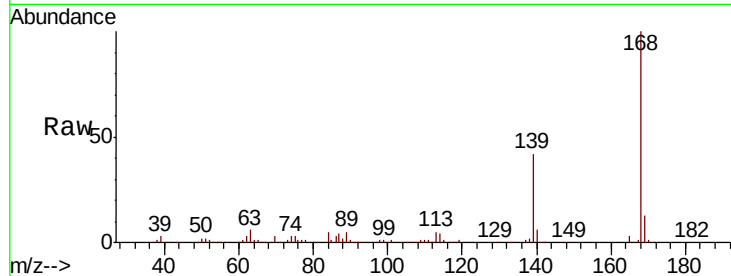
#55
Dibenzofuran
Concen: 56.797 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.8	49.2
169	12.8	10.5	15.7

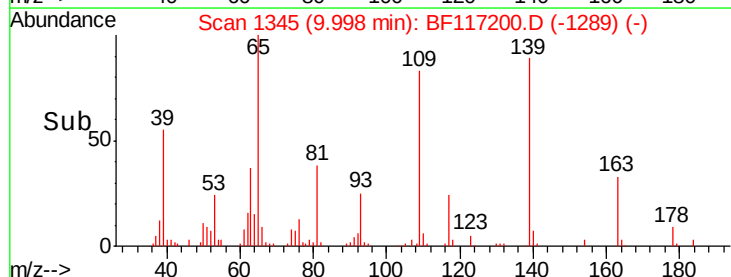
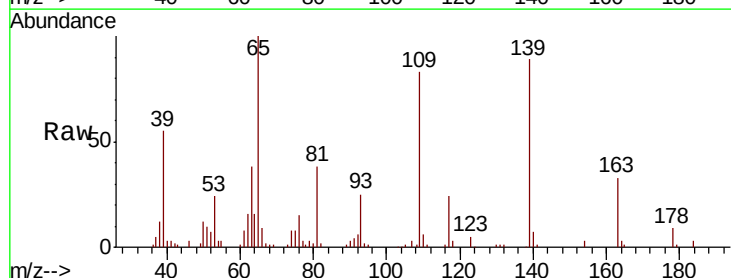
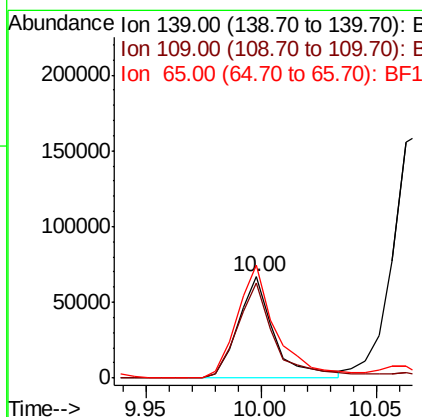
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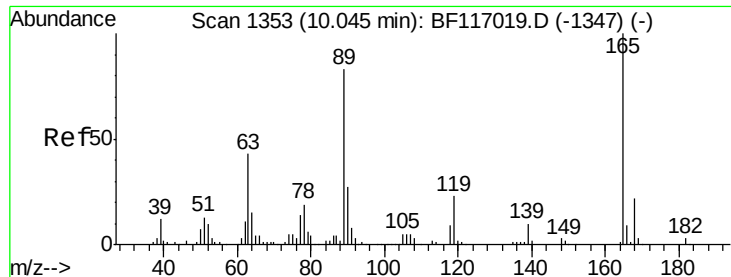
mohammad
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#56
4-Nitrophenol
Concen: 74.333 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.5	56.4	96.4
65	112.2	82.5	122.5





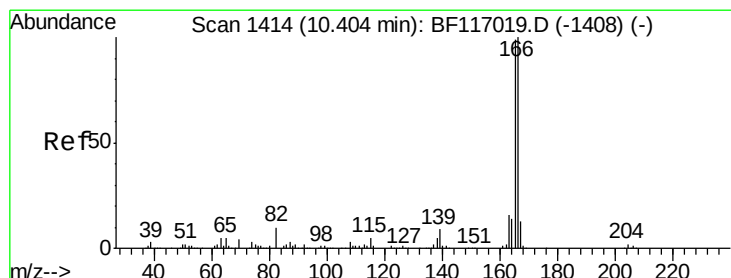
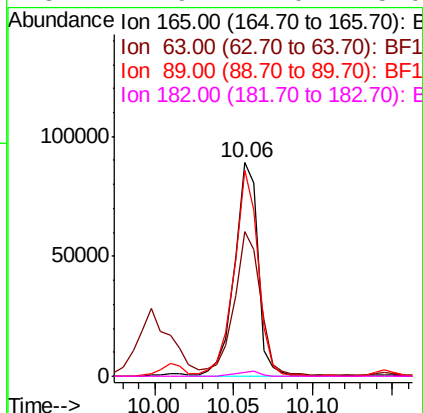
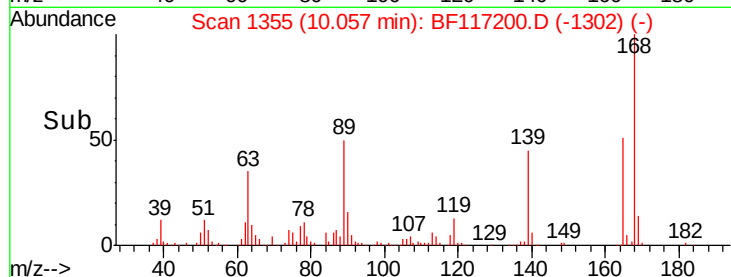
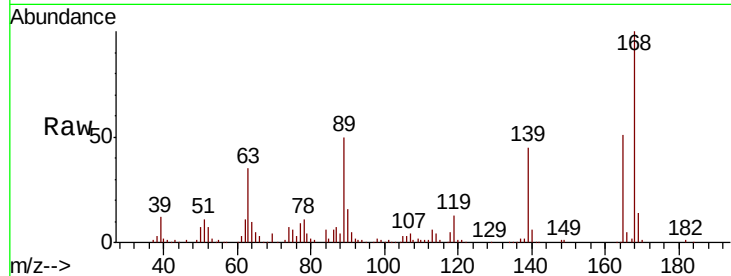
#57
2,4-Dinitrotoluene
Concen: 59.585 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	92247		
63	67.9	35.0	52.4#	
89	96.6	66.1	99.1	
182	1.9	2.0	3.0#	

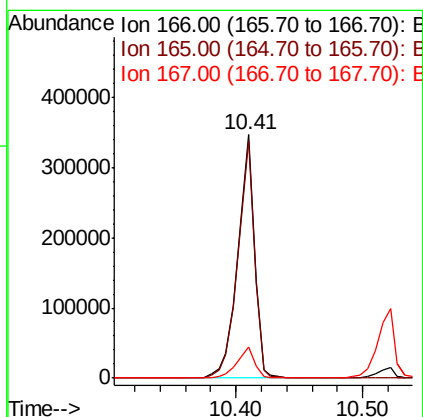
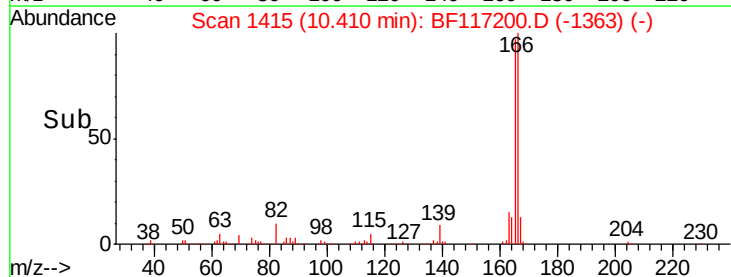
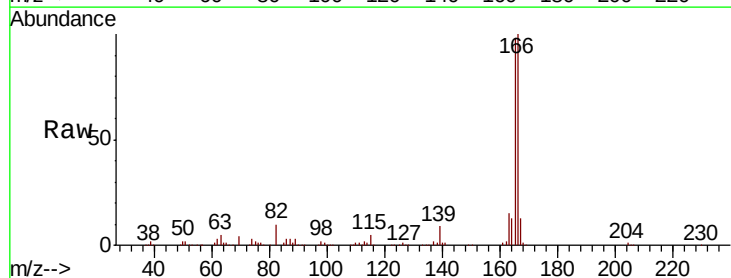
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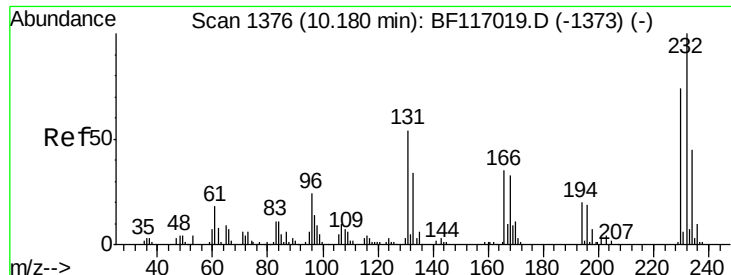
mohammad
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#58
Fluorene
Concen: 58.325 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	315168		
165	97.6	78.9	118.3	
167	12.9	10.6	15.8	





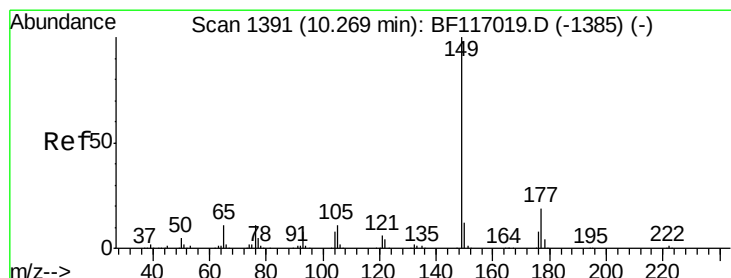
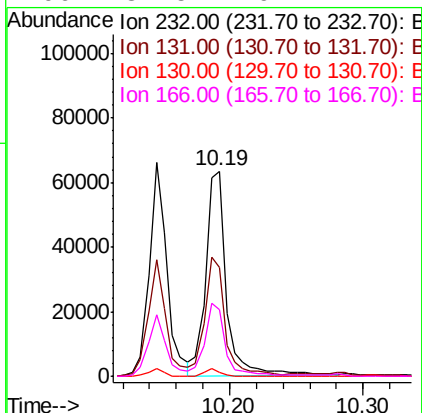
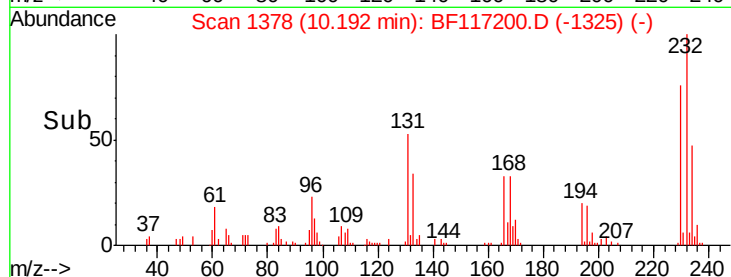
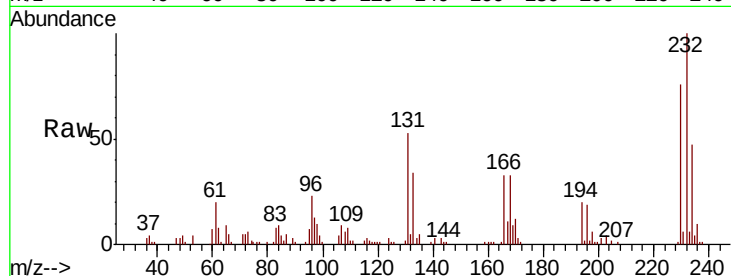
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.732 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion:	232	Resp:	68411
Ion Ratio	Lower	Upper	
232	100		
131	55.1	45.3	67.9
130	2.6	1.8	2.8
166	34.5	29.4	44.2

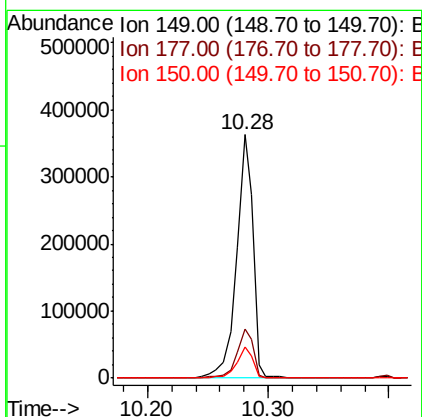
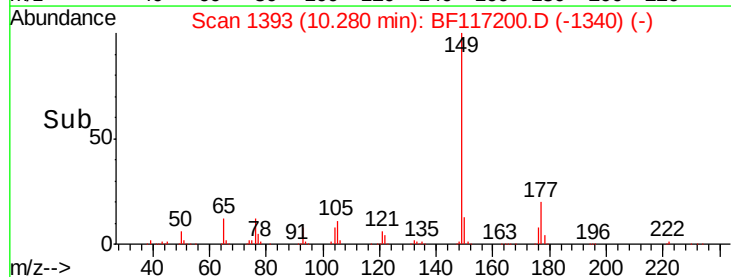
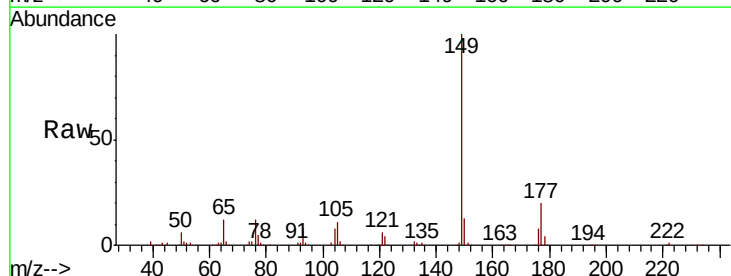
Manual Integrations
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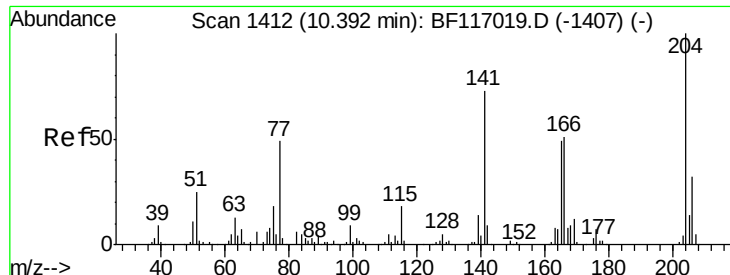
mohammad
 9/24/2019 9:12:55 AM



#60
 Diethylphthalate
 Concen: 59.710 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion:	149	Resp:	344003
Ion Ratio	Lower	Upper	
149	100		
177	20.1	15.2	22.8
150	12.7	9.9	14.9





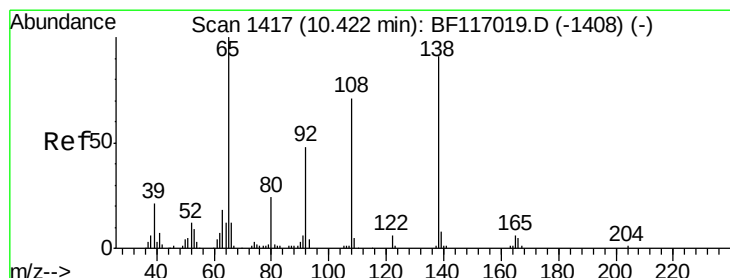
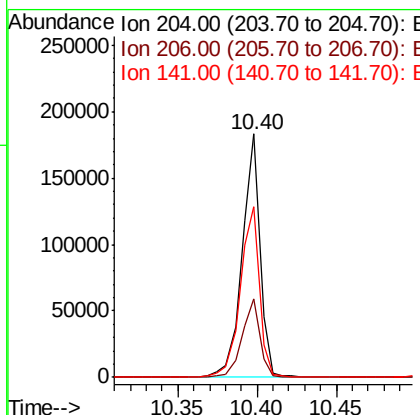
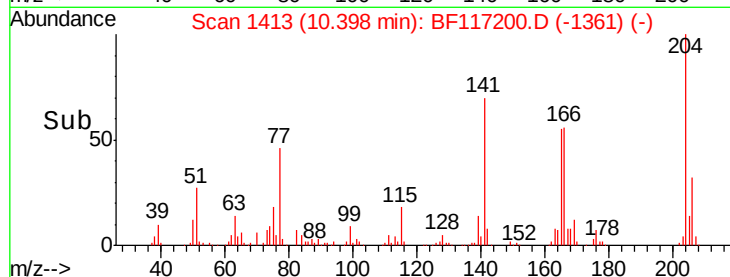
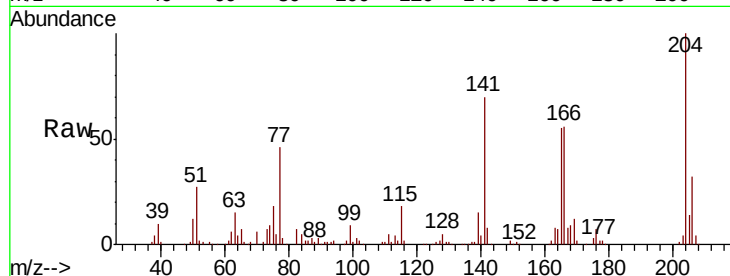
#61
4-Chlorophenyl-phenylether
Concen: 61.313 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampled :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	70.2	58.2	87.2

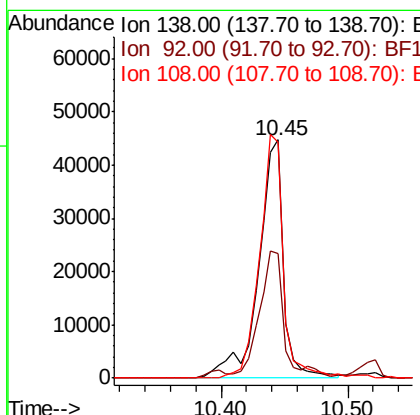
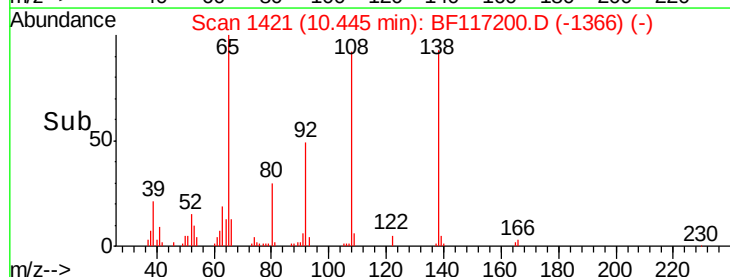
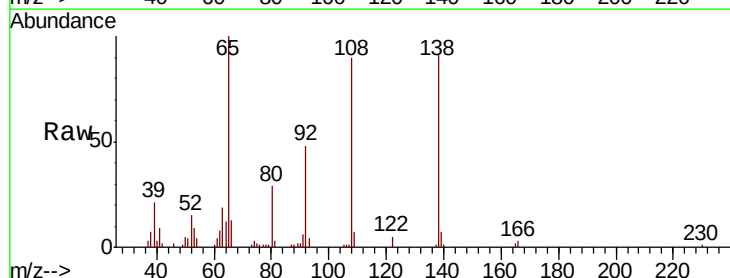
Manual Integrations
APPROVED

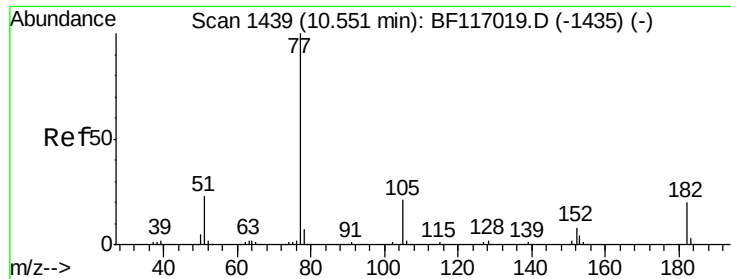
mohammad
9/24/2019 9:12:55 AM



#62
4-Nitroaniline
Concen: 39.244 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.02 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	32.9	72.9
108	98.9	58.3	98.3#





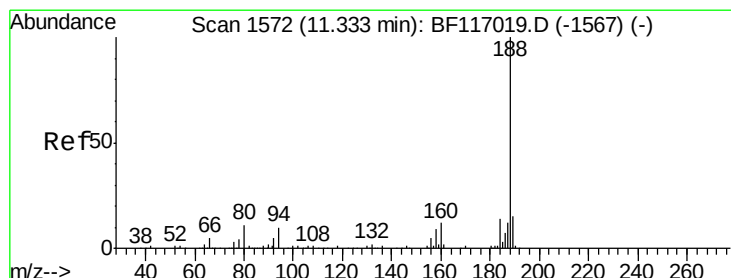
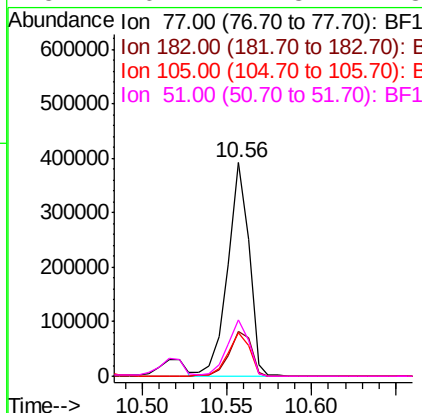
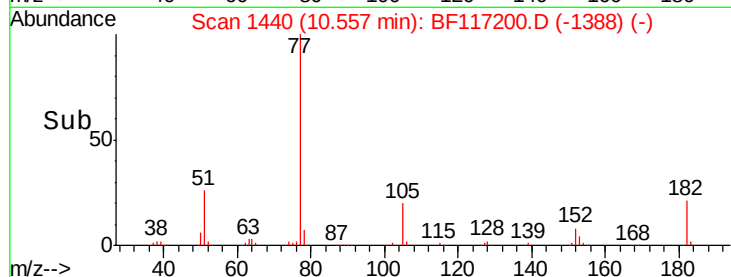
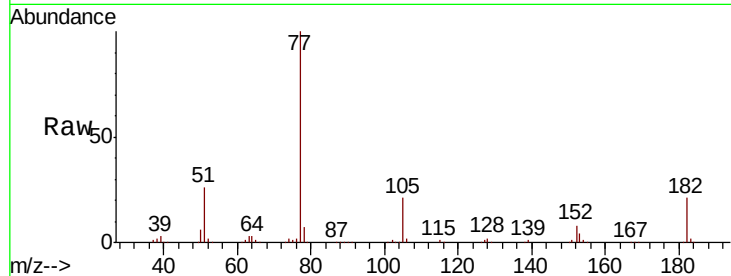
#63
Azobenzene
Concen: 58.440 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	343868		
182	20.8	0.4	40.4	
105	20.6	0.9	40.9	
51	26.2	2.8	42.8	

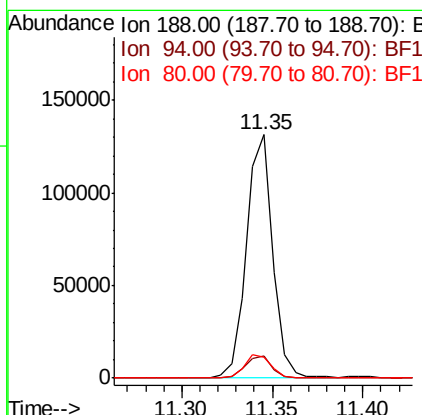
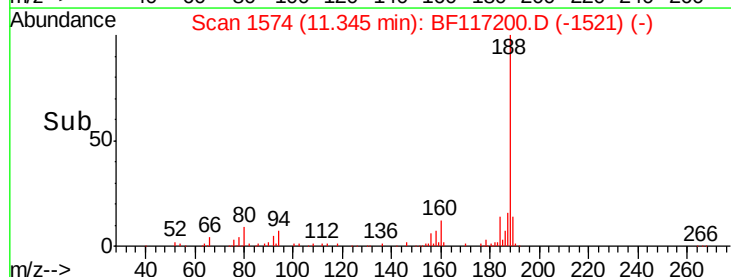
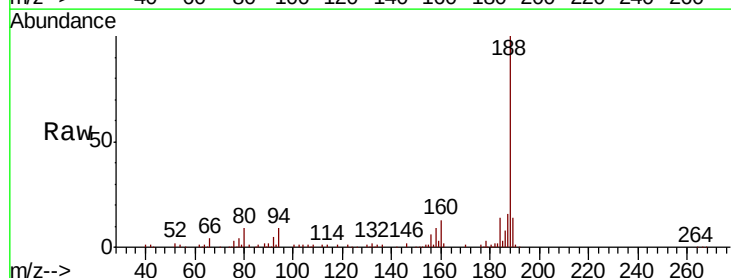
Manual Integrations
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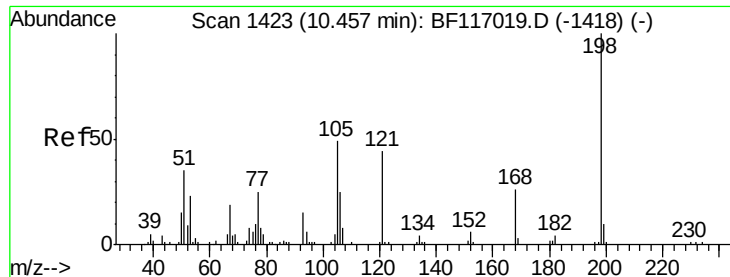
mohammad
9/24/2019 9:12:55 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	132074		
94	8.9	8.2	12.2	
80	8.8	9.0	13.6	





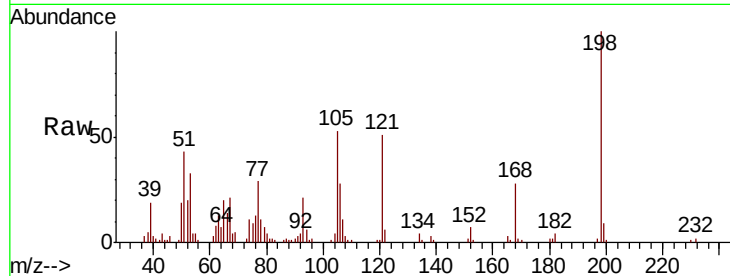
#65
4,6-Dinitro-2-methylphenol
Concen: 65.455 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampled :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.5	18.7	58.7
105	52.9	30.2	70.2

Manual Integrations
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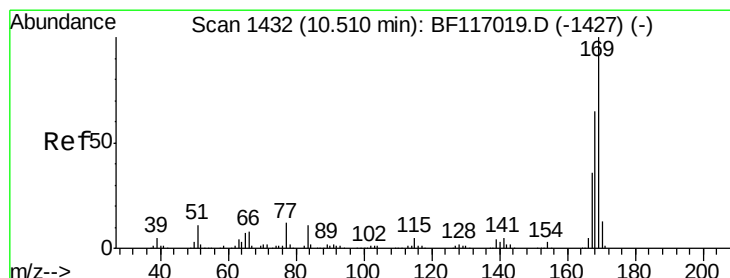
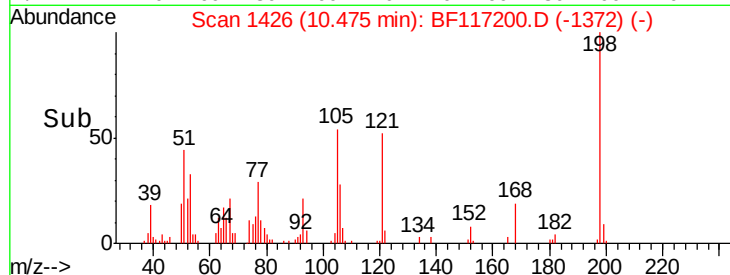
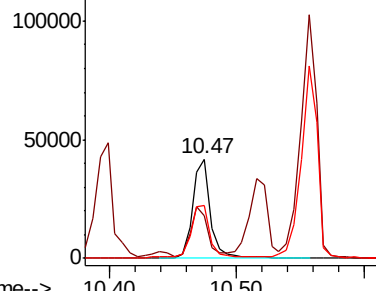


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 56.929 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

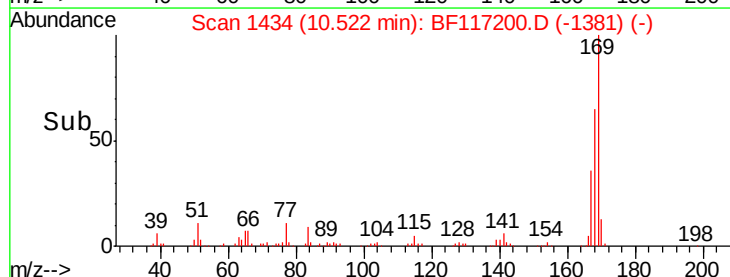
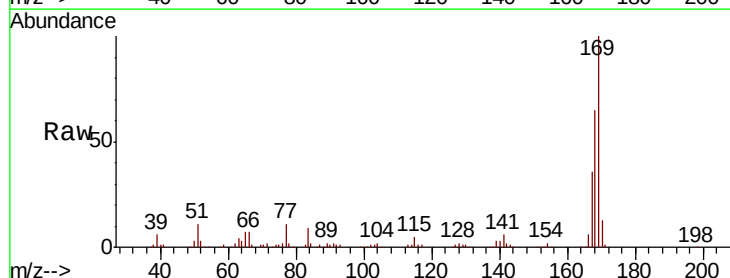
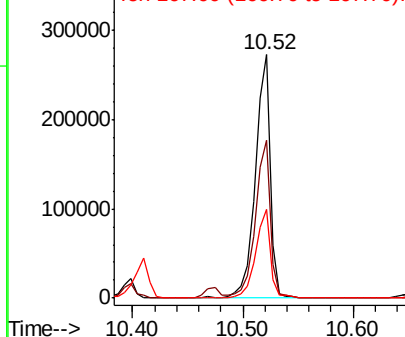
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.2	78.2
167	36.3	28.8	43.2

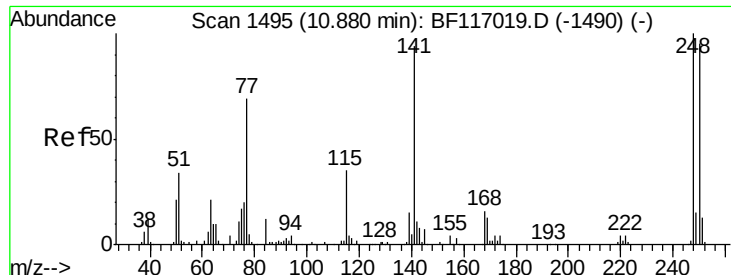
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





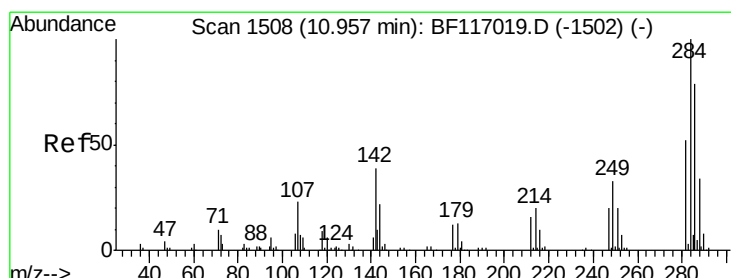
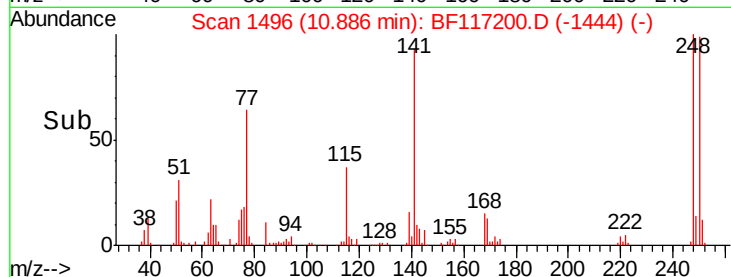
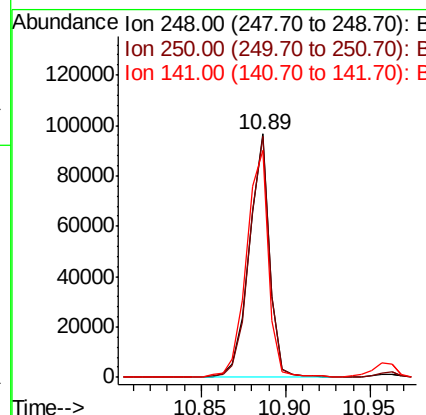
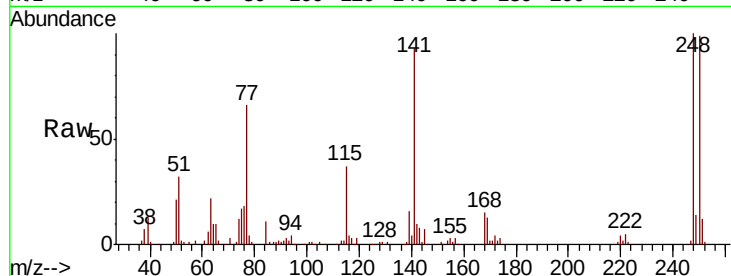
#67
 4-Bromophenyl-phenylether
 Concen: 60.676 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.2	114.4
141	93.2	75.0	112.4

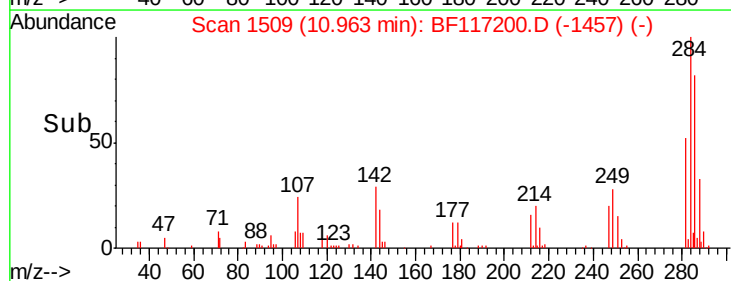
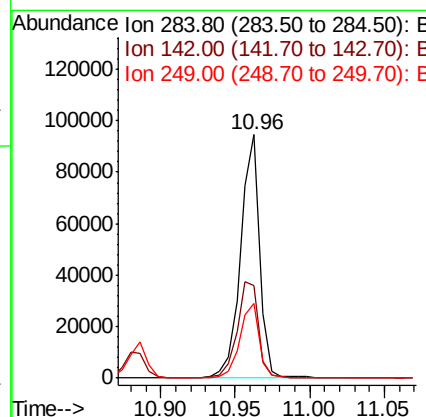
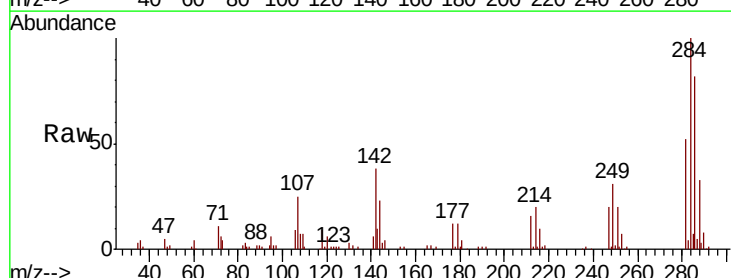
Manual Integrations
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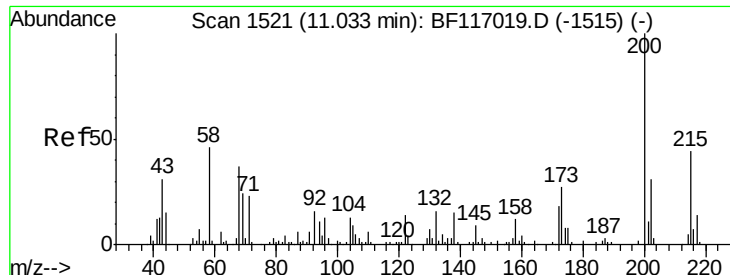
mohammad
 9/24/2019 9:12:55 AM



#68
 Hexachlorobenzene
 Concen: 57.764 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	31.4	47.2
249	30.7	26.5	39.7





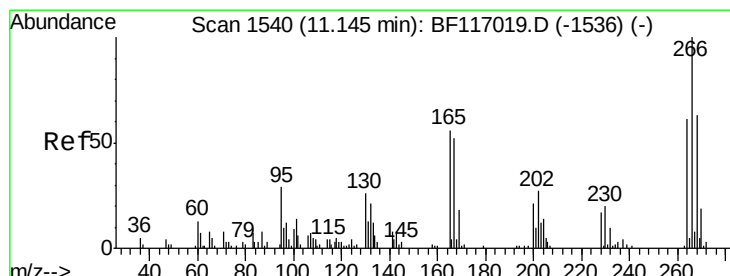
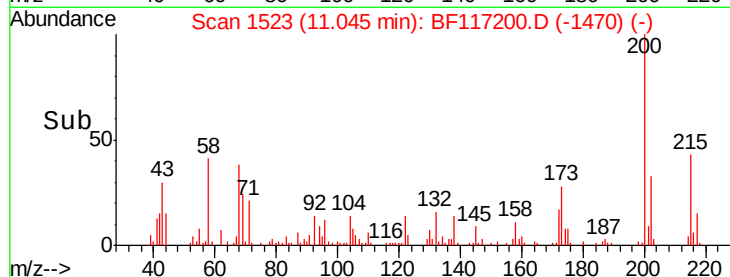
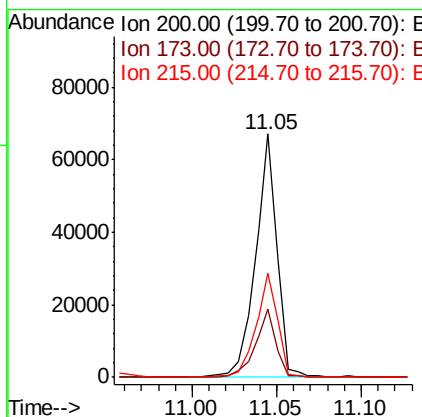
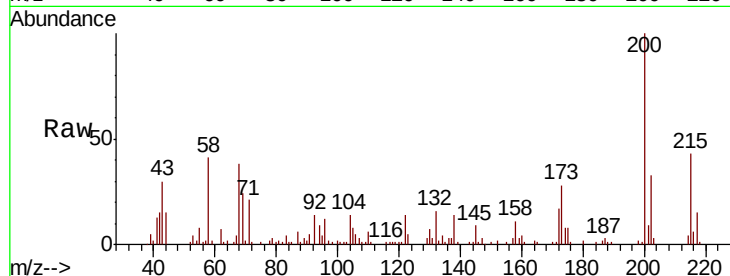
#69
 Atrazine
 Concen: 55.901 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	6.9	46.9
215	42.5	23.8	63.8

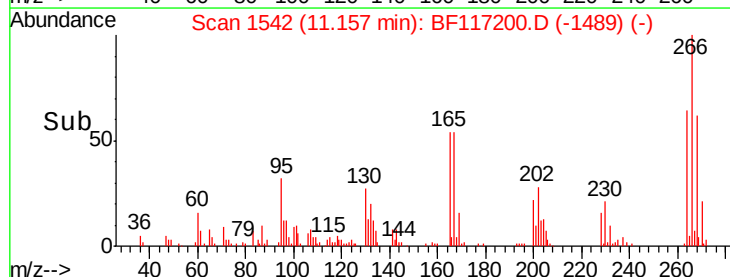
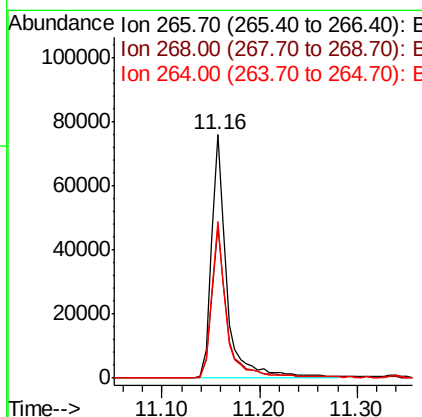
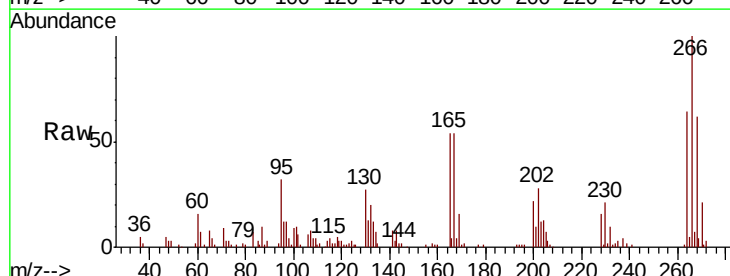
Manual Integrations
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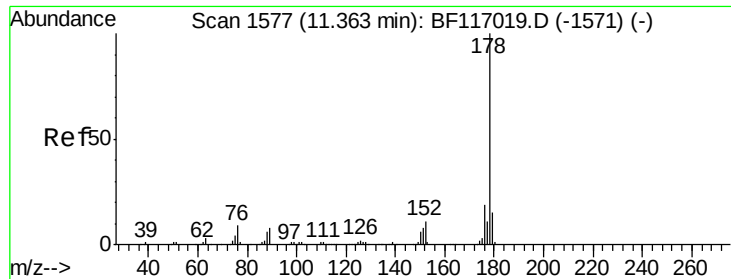
mohammad
 9/24/2019 9:12:55 AM



#70
 Pentachlorophenol
 Concen: 120.442 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	50.5	75.7
264	64.1	48.8	73.2





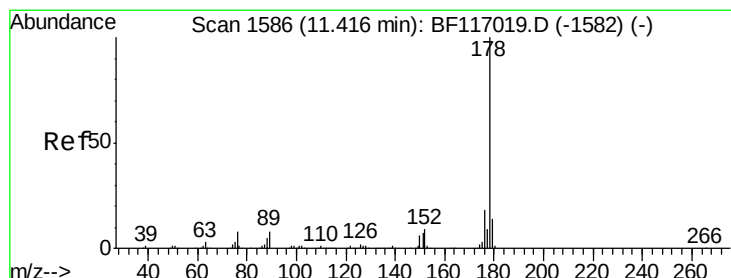
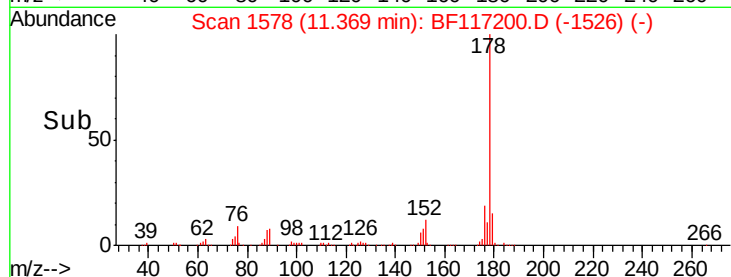
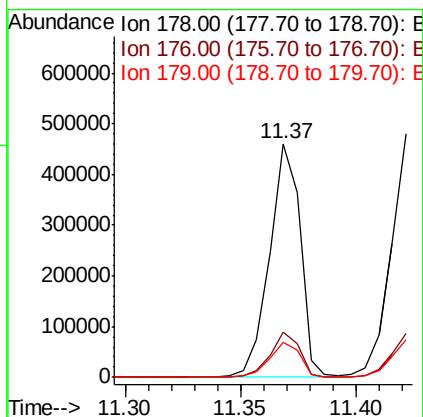
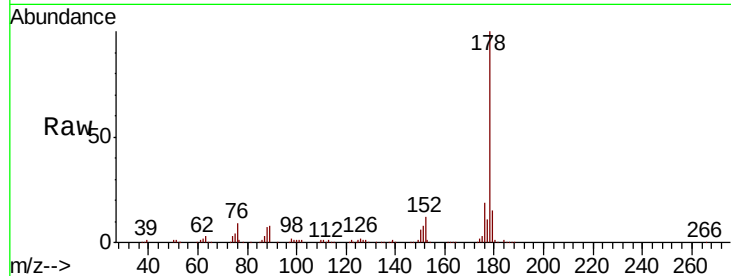
#71
Phenanthrene
Concen: 56.889 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	14.7	12.4	18.6

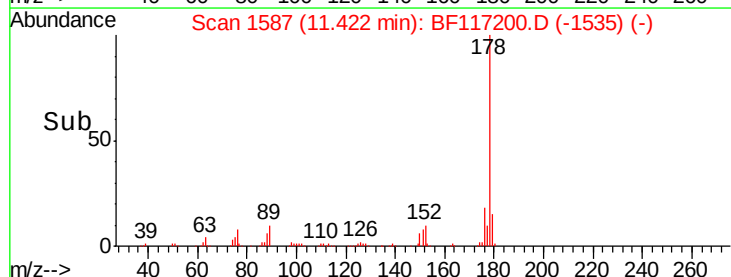
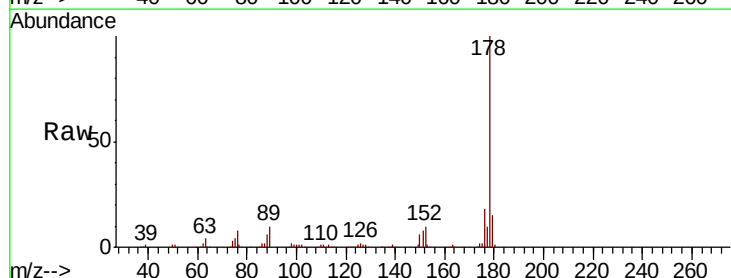
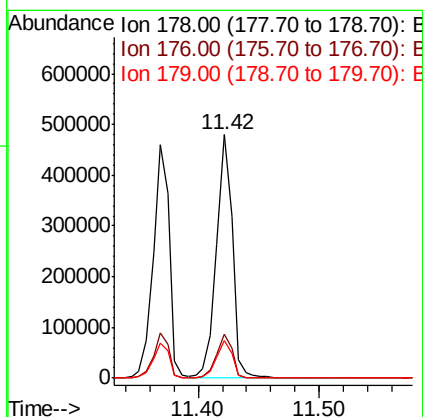
Manual Integrations
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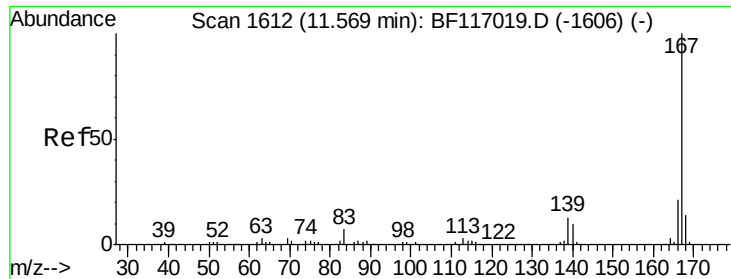
mohammad
9/24/2019 9:12:55 AM



#72
Anthracene
Concen: 57.112 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.4	11.6	17.4





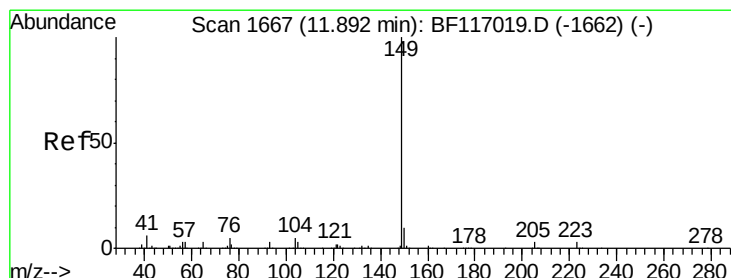
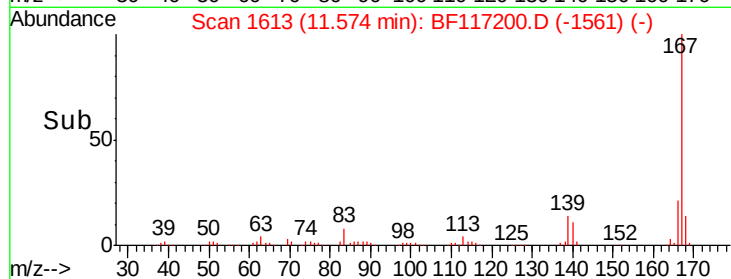
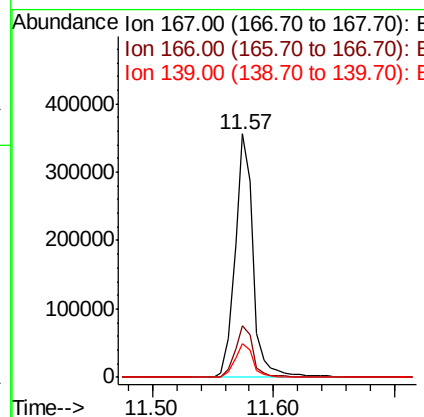
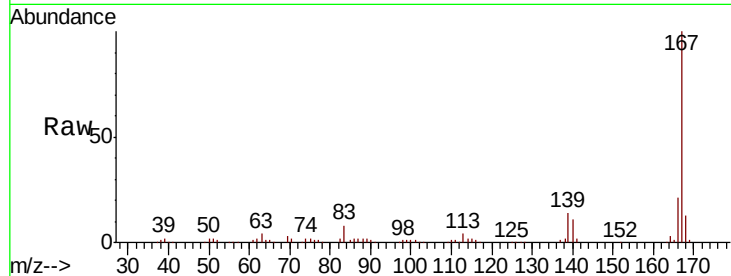
#73
 Carbazole
 Concen: 50.591 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	14.1	10.6	16.0

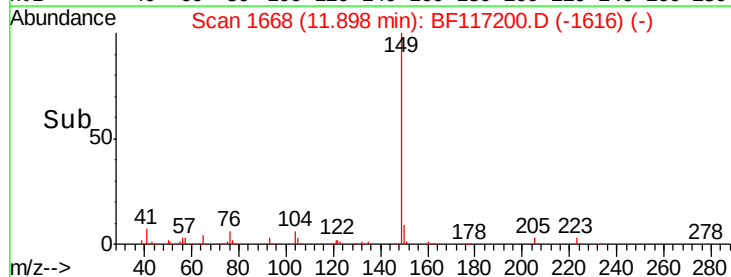
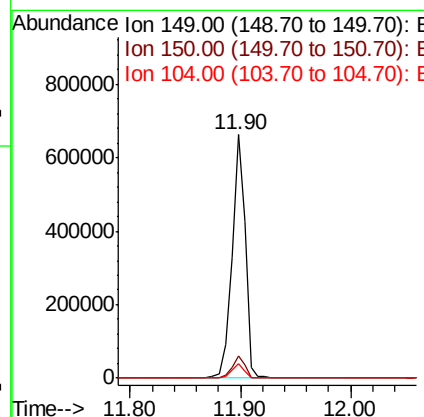
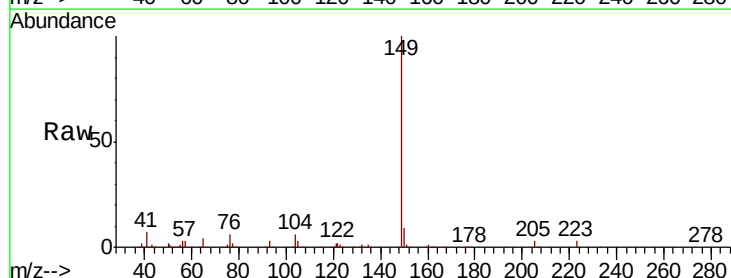
Manual Integrations
 APPROVED

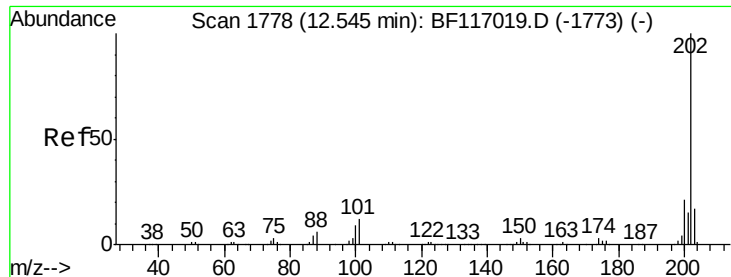
mohammad
 9/24/2019 9:12:55 AM



#74
 Di-n-butylphthalate
 Concen: 64.397 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.7	4.2	6.4





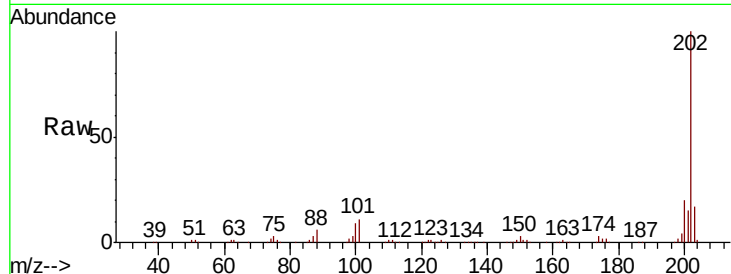
#75
 Fluoranthene
 Concen: 53.691 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	32.3
203	17.2	0.0	37.1

Manual Integrations
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 9/24/2019 9:12:55 AM

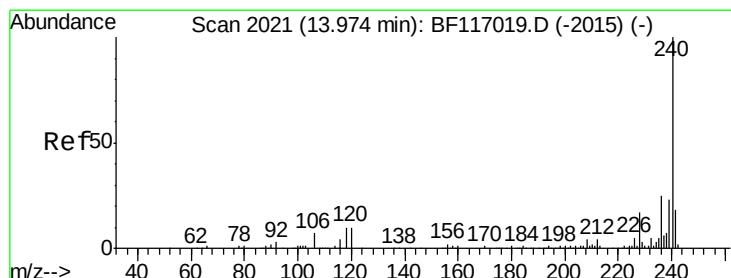
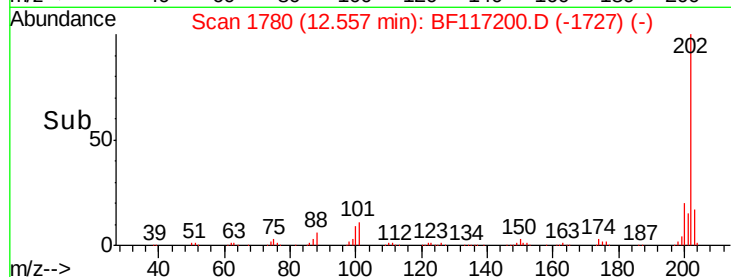
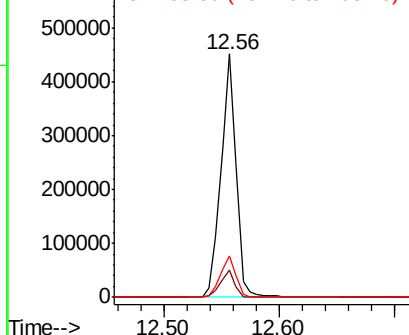


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

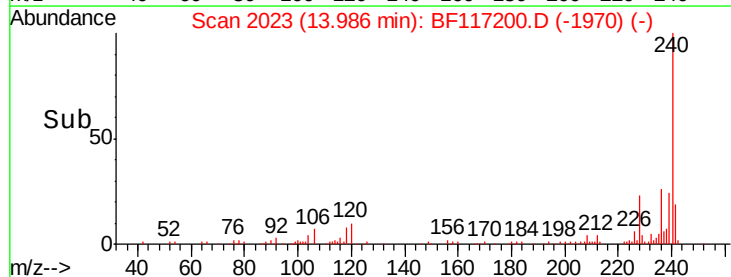
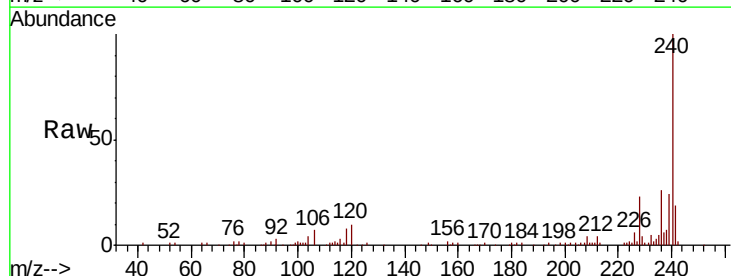
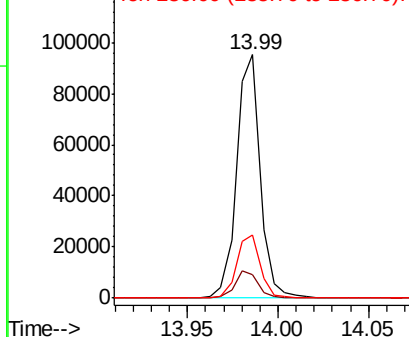
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	8.3	12.5
236	26.1	20.3	30.5

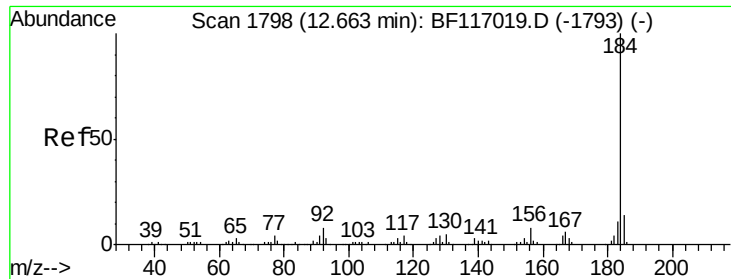
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.291 ng/mL

RT: 12.70 min Scan# 1804

Delta R.T. 0.04 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

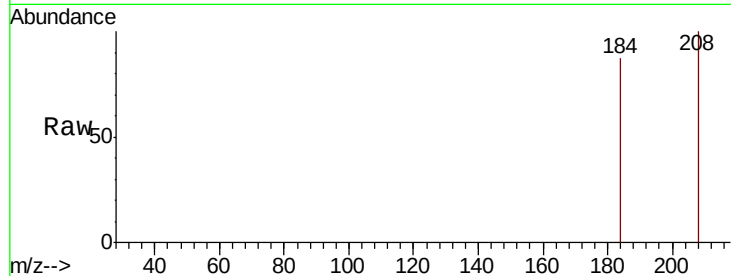
ClientSampleId :

CL-02-091819MS

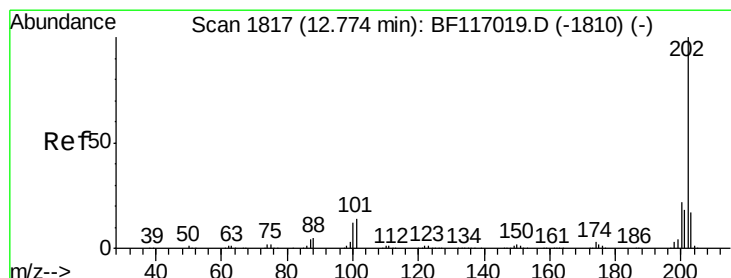
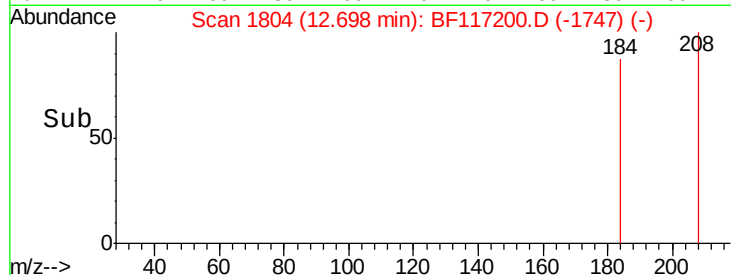
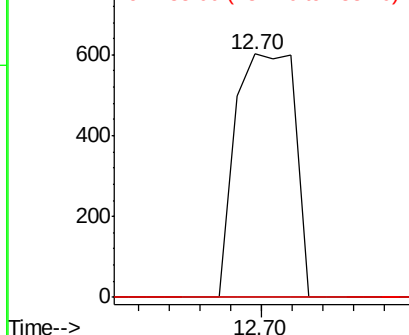
Tot Ion:	184	Resp:	808
Ion Ratio	Lower	Upper	
184	100		
185	0.0	11.6	17.4#
183	0.0	9.0	13.4#

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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: 56.977 ng

RT: 12.79 min Scan# 1819

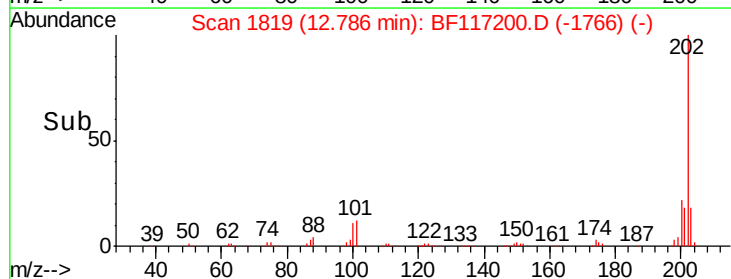
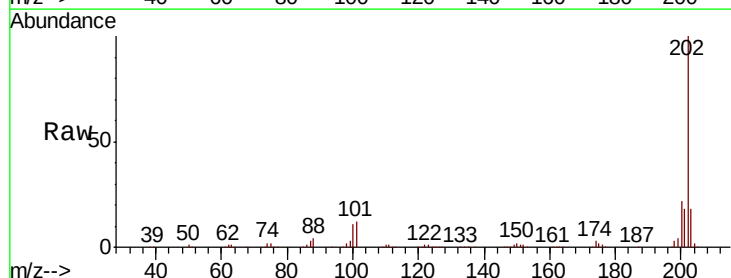
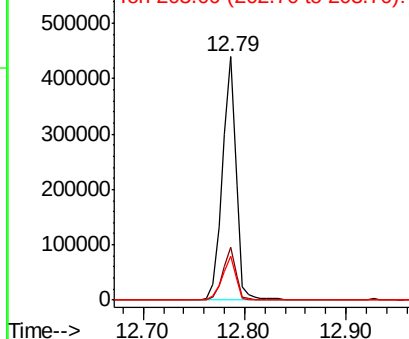
Delta R.T. 0.01 min

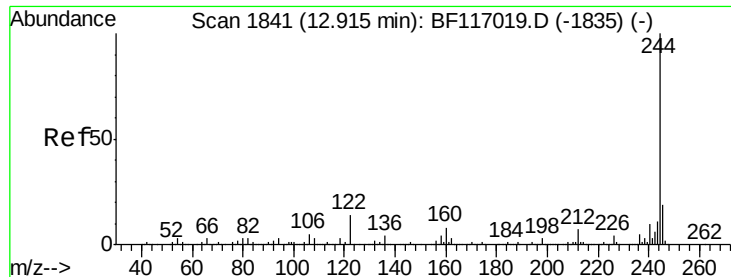
Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:	202	Resp:	412670
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.2	25.8
203	18.0	14.0	21.0

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





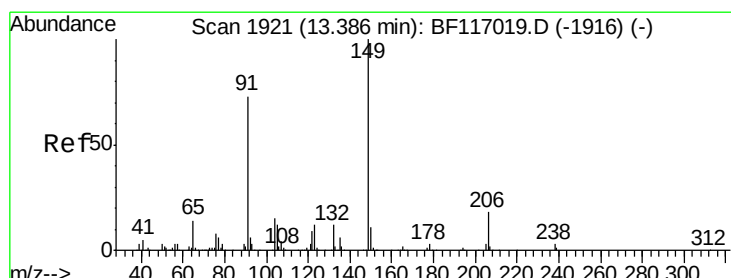
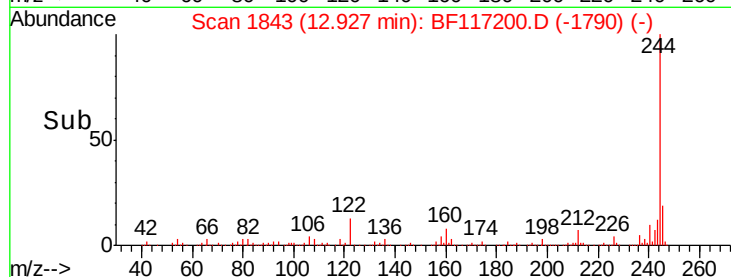
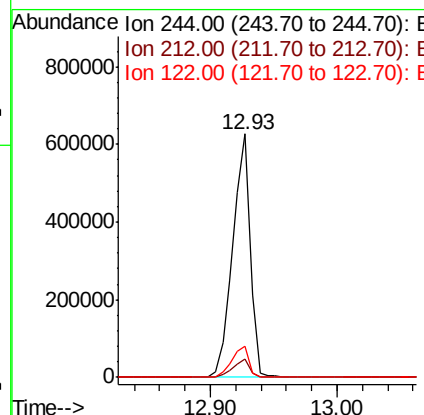
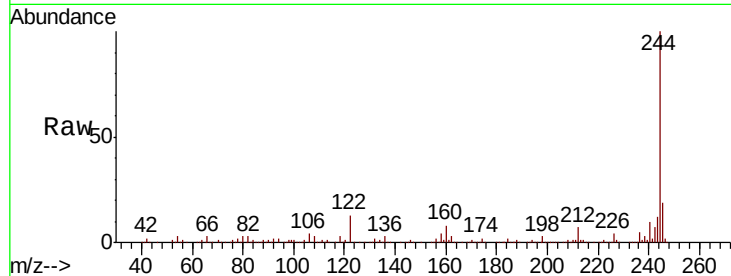
#79
 Terphenyl-d14
 Concen: 129.512 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	5.8	8.8	
122	13.0	11.3	16.9	

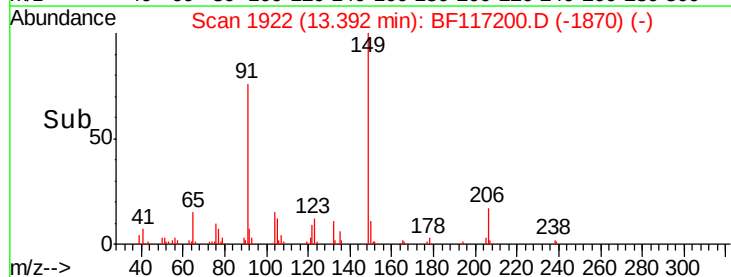
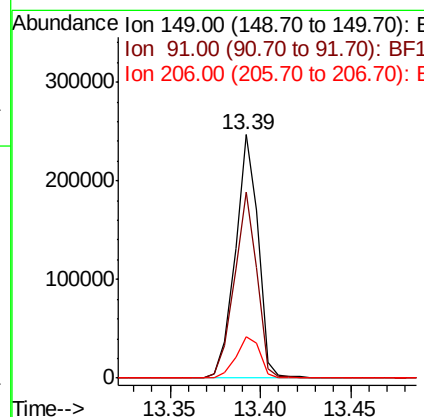
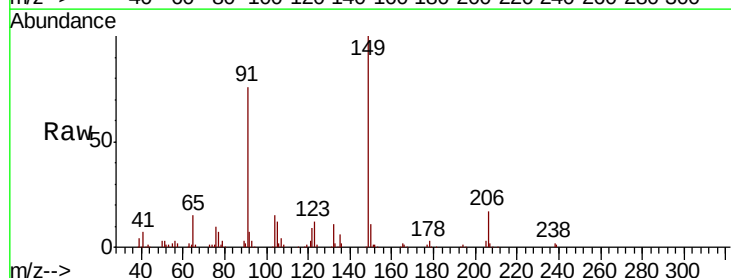
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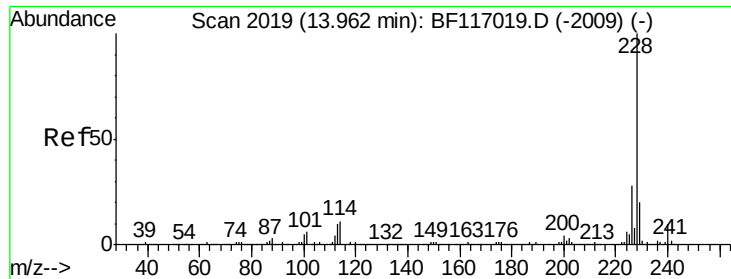
mohammad
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#80
 Butylbenzylphthalate
 Concen: 63.254 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	76.2	58.8	88.2	
206	17.0	14.1	21.1	





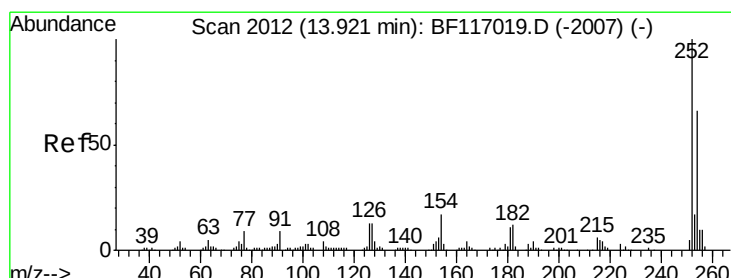
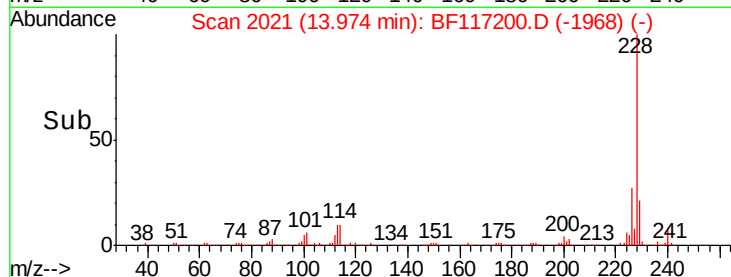
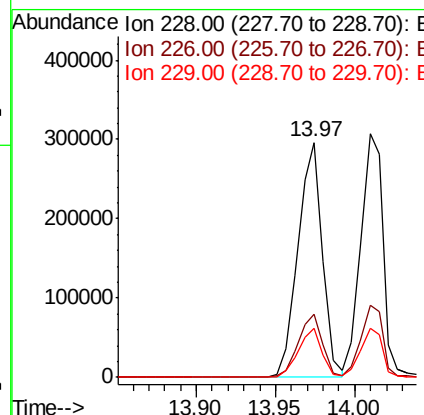
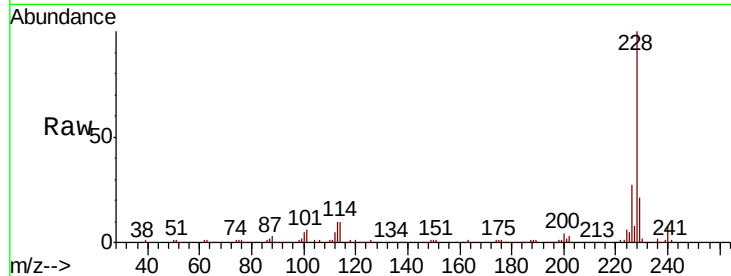
#81
Benzo(a)anthracene
Concen: 54.690 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	20.7	15.9	23.9

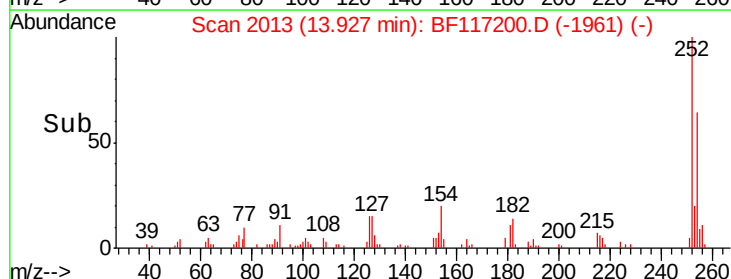
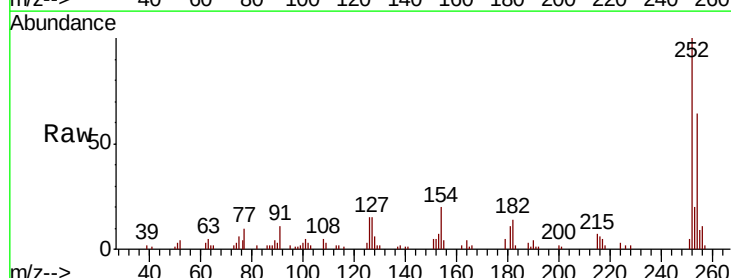
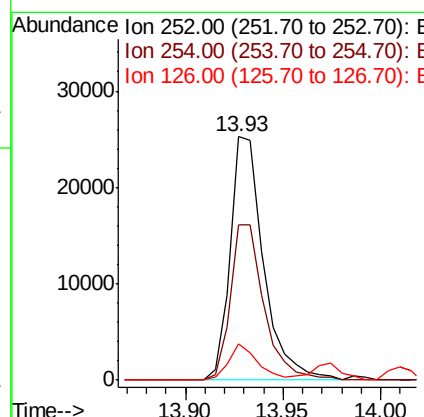
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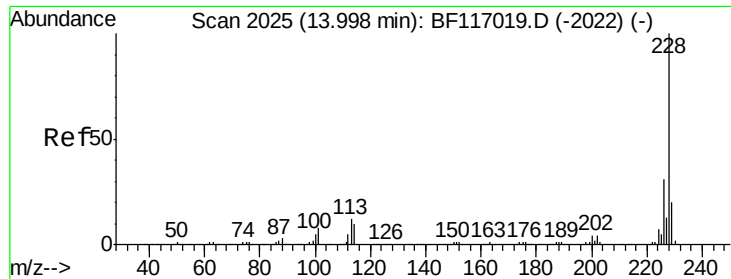
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#82
3,3'-Dichlorobenzidine
Concen: 16.162 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	79.0
126	14.8	10.4	15.6





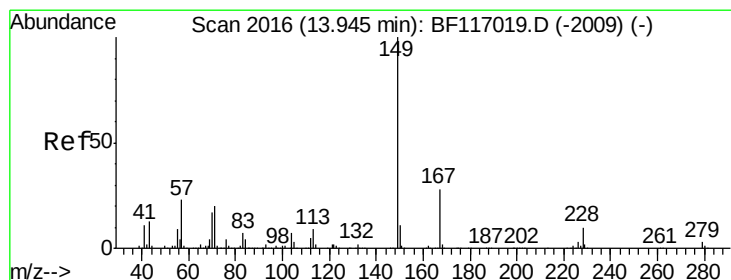
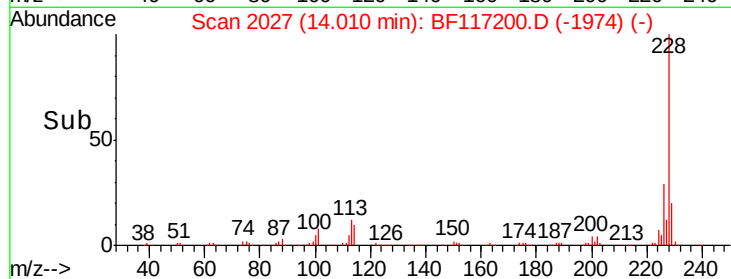
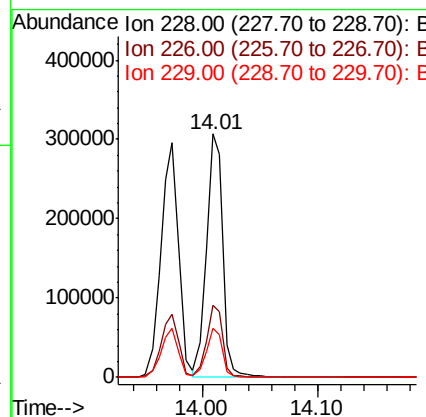
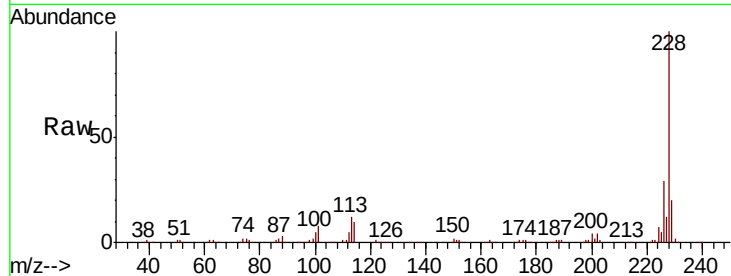
#83
 Chrysene
 Concen: 54.092 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	20.0	15.8	23.8

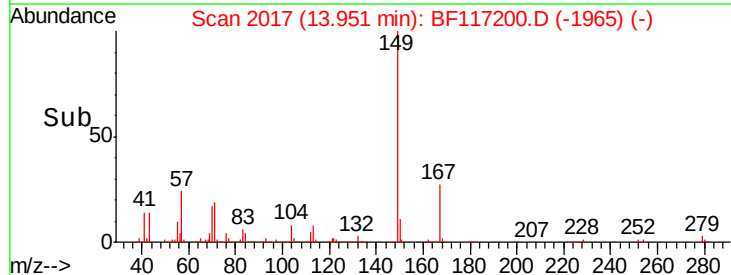
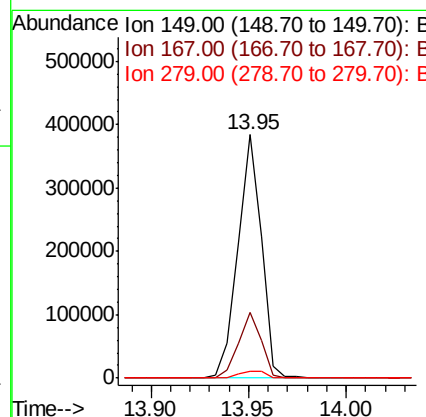
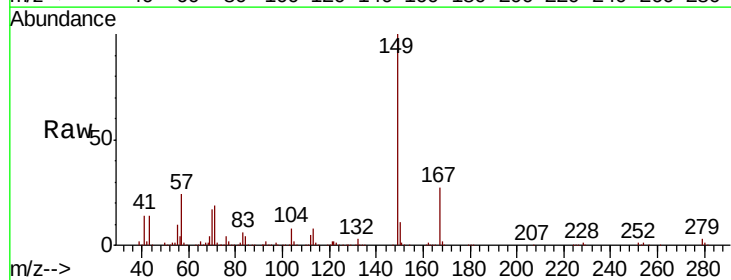
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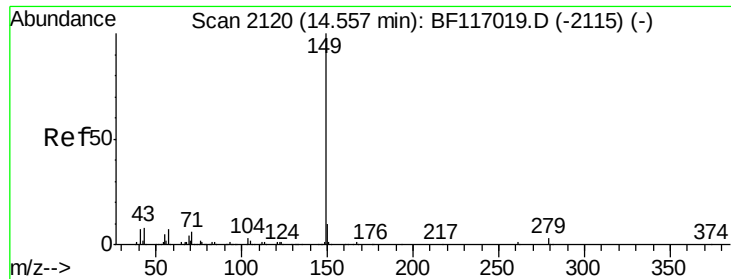
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 72.803 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	3.0	2.8	4.2





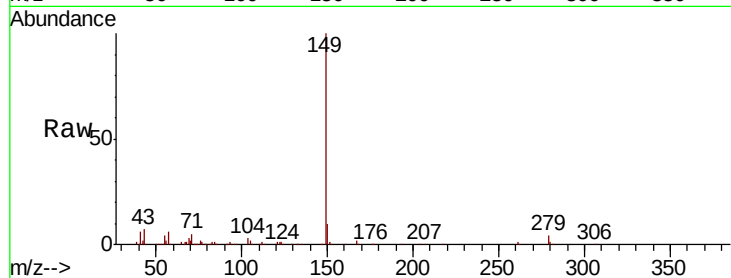
#85
Di-n-octyl phthalate
Concen: 71.254 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

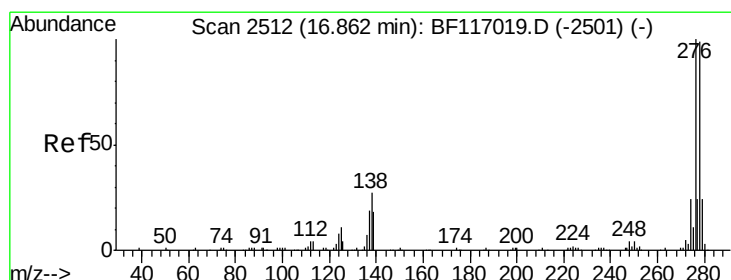
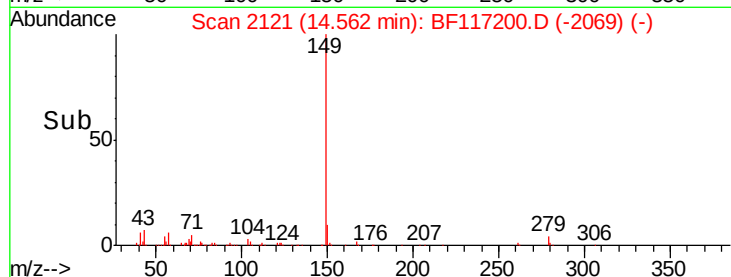
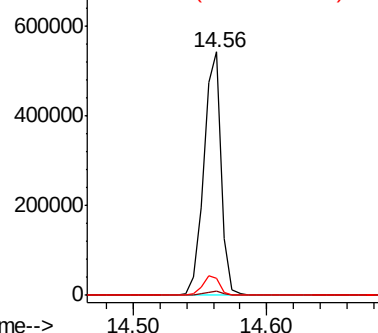
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.2	9.4

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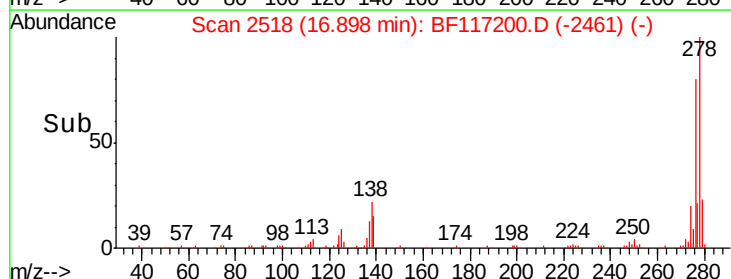
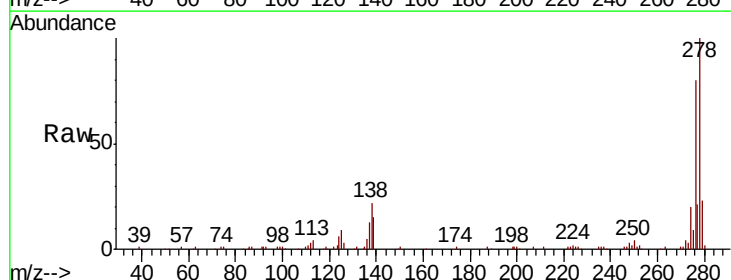
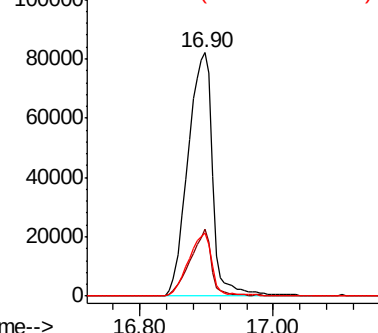
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

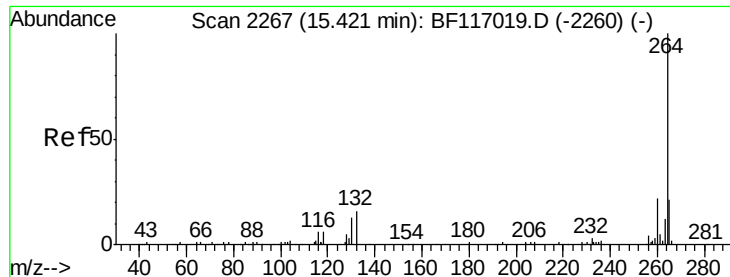


#86
Indeno(1,2,3-cd)pyrene
Concen: 52.269 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.04 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.6	20.7	31.1
277	24.7	19.8	29.8

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





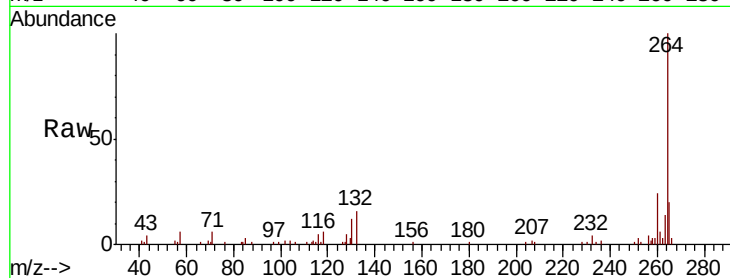
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	20.4	16.6	24.8

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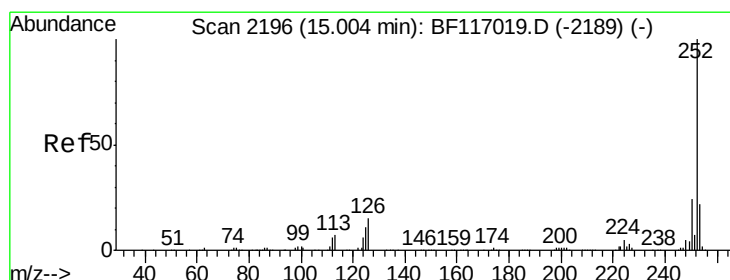
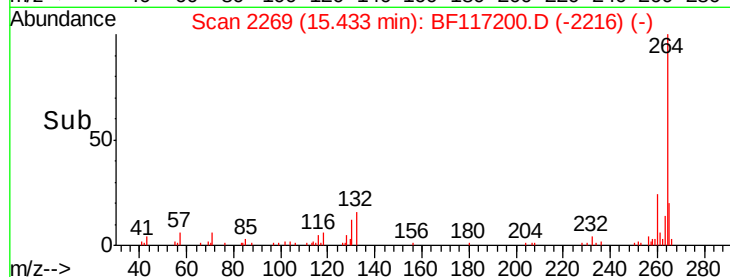
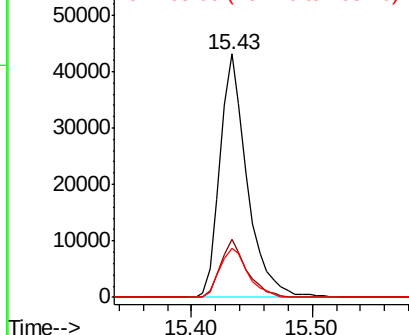


Abundance

Ion 264.00 (263.70 to 264.70): E

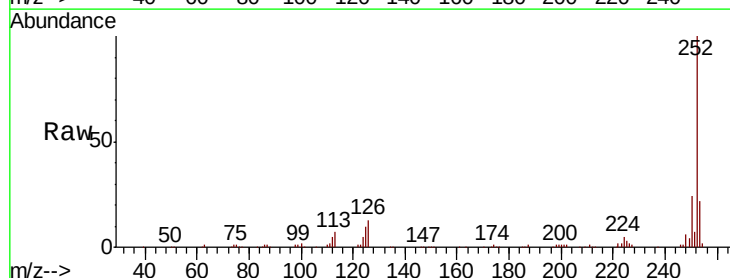
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 57.213 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.9	8.6	12.8

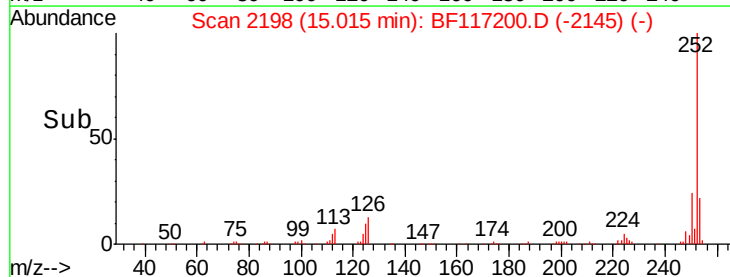
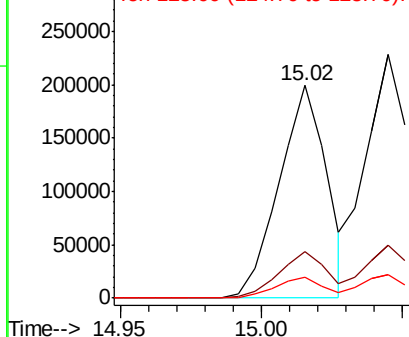


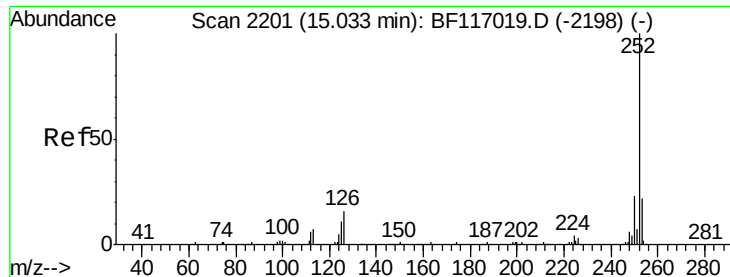
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





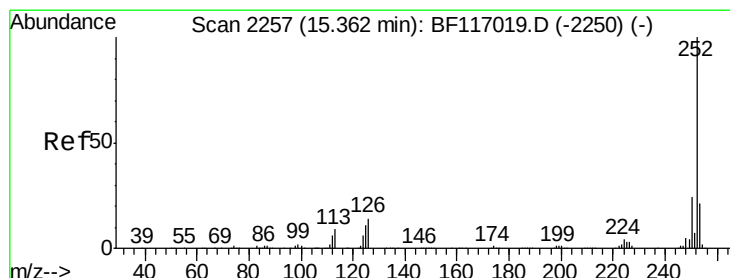
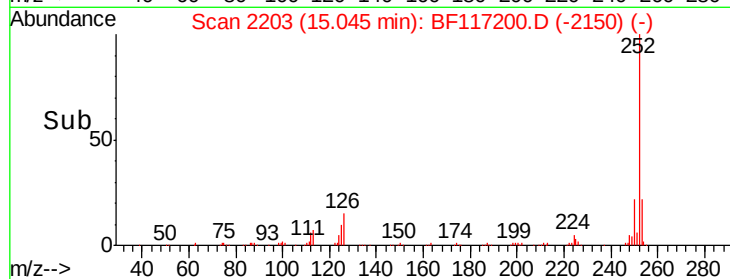
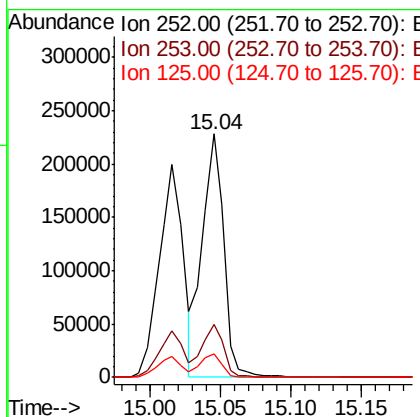
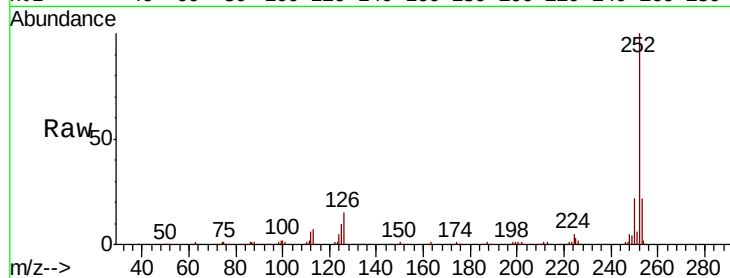
#89
Benzo(k)fluoranthene
Concen: 62.459 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.8	8.8	13.2

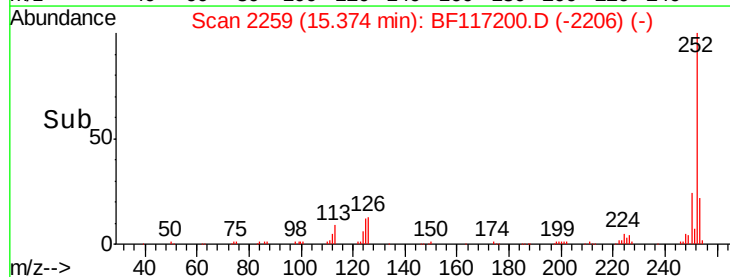
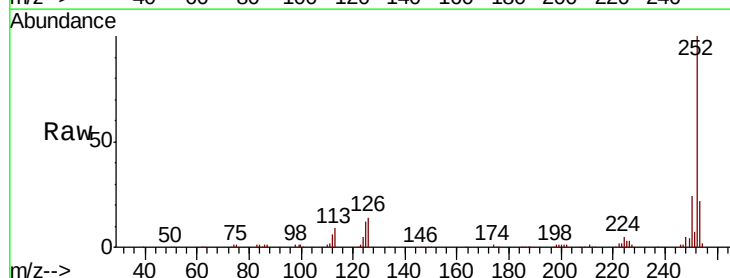
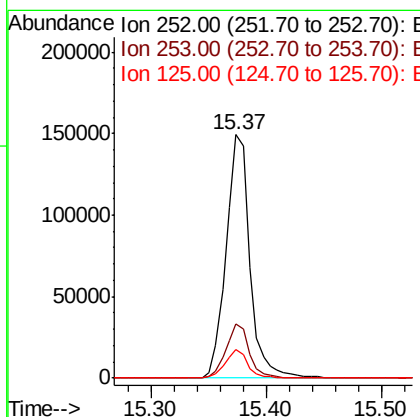
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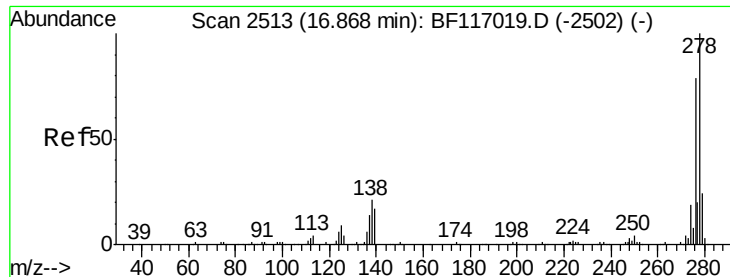
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#90
Benzo(a)pyrene
Concen: 59.502 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.6	25.0
125	11.7	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 64.140 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

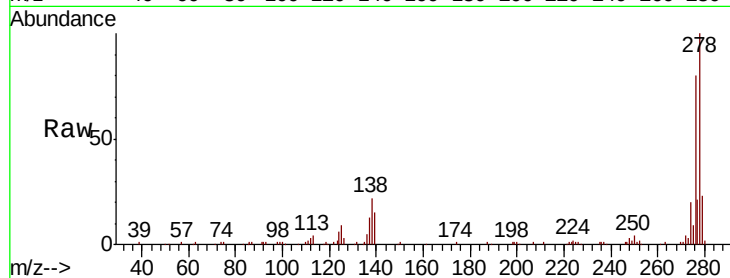
ClientSampleId :

CL-02-091819MS

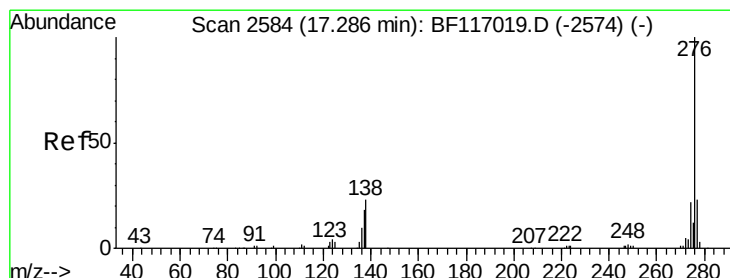
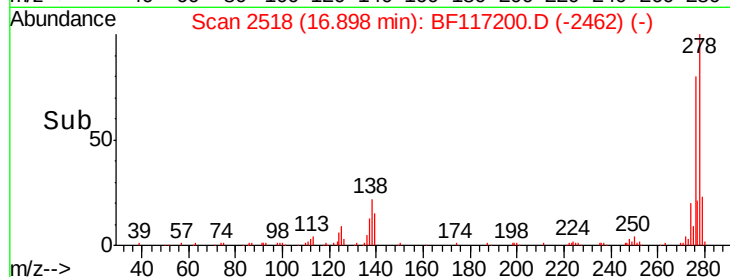
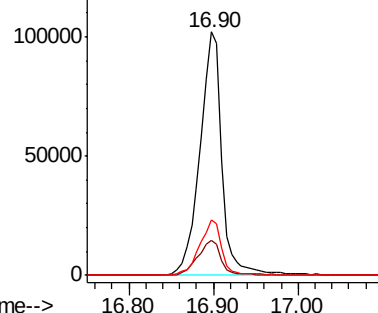
Tot Ion:	278	Resp:	182867
Ion Ratio	Lower	Upper	
278	100		
139	14.6	13.5	20.3
279	23.0	18.8	28.2

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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: 57.860 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.04 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:	276	Resp:	164383
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	27.8
138	20.8	18.0	27.0

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

