

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116666.D
 Acq On : 30 Aug 2019 22:48
 Operator : HP/JU
 Sample : K4591-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MSD

Manual Integrations
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 8/31/2019 2:45:25 PM

Quant Time: Aug 31 04:13:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98112	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	397205	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	207799	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	351458	20.00	ng	0.00
76) Chrysene-d12	14.00	240	263663	20.00	ng	0.00
87) Perylene-d12	15.45	264	278121	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	858927	141.83	ng	0.00
7) Phenol-d6	6.48	99	1190786	149.74	ng	0.00
23) Nitrobenzene-d5	7.41	82	733895	105.48	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	230478	165.91	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1202802	97.64	ng	0.00
79) Terphenyl-d14	12.94	244	1232948	86.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	120256	43.016	ng	99
3) Pyridine	3.36	79	315936	39.031	ng	94
4) n-Nitrosodimethylamine	3.29	42	132282	47.591	ng	79
6) Aniline	6.51	93	400039	36.320	ng	97
8) 2-Chlorophenol	6.63	128	338751	51.240	ng	95
9) Benzaldehyde	6.39	77	242908	46.365	ng	99
10) Phenol	6.49	94	490754	55.731	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	334641	48.806	ng	97
12) 1,3-Dichlorobenzene	6.79	146	349128	46.726	ng	96
13) 1,4-Dichlorobenzene	6.86	146	358097	48.139	ng	98
14) 1,2-Dichlorobenzene	7.02	146	329653	47.819	ng	97
15) Benzyl Alcohol	6.99	79	329868	51.102	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	377318	46.904	ng	98
17) 2-Methylphenol	7.10	107	293561	50.725	ng	97
18) Hexachloroethane	7.36	117	135854	47.006	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	257483	49.175	ng	91
20) 3+4-Methylphenols	7.25	107	352586	52.398	ng	# 80
22) Acetophenone	7.26	105	478679	50.057	ng	# 91
24) Nitrobenzene	7.43	77	381780	53.951	ng	96
25) Isophorone	7.67	82	724598	51.394	ng	99
26) 2-Nitrophenol	7.75	139	162815	61.886	ng	91
27) 2,4-Dimethylphenol	7.78	122	313266	58.959	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	434062	50.380	ng	99
29) 2,4-Dichlorophenol	7.99	162	281171	55.064	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	272721	49.242	ng	95
31) Naphthalene	8.15	128	982658	52.027	ng	99
32) Benzoic acid	7.90	122	156922	52.305	ng	95
33) 4-Chloroaniline	8.19	127	126872	14.757	ng	97
34) Hexachlorobutadiene	8.27	225	144719	47.923	ng	99
35) Caprolactam	8.56	113	106572m	55.768	ng	
36) 4-Chloro-3-methylphenol	8.67	107	336839	57.395	ng	99
37) 2-Methylnaphthalene	8.85	142	666729	53.055	ng	96
38) 1-Methylnaphthalene	8.94	142	628149	52.950	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	238552	47.889	ng	# 97

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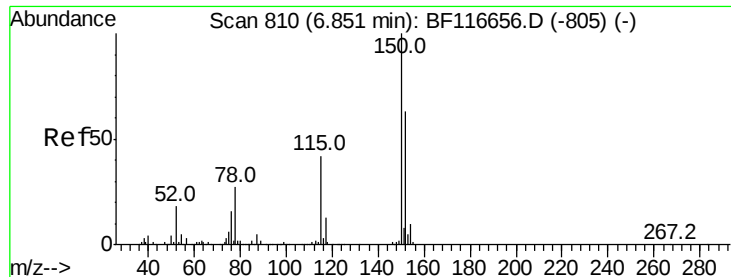
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	282951	98.364	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	182246	53.371	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	198210	55.912	nq	92
46) 1,1'-Biphenyl	9.30	154	791293	50.183	nq	98
47) 2-Chloronaphthalene	9.33	162	616618	49.373	nq	97
48) 2-Nitroaniline	9.42	65	203759	56.434	nq	99
49) Acenaphthylene	9.75	152	996574	52.789	nq	99
50) Dimethylphthalate	9.60	163	854193	59.541	nq	100
51) 2,6-Dinitrotoluene	9.66	165	165188	60.350	nq	95
52) Acenaphthene	9.92	154	640551	55.222	nq	99
53) 3-Nitroaniline	9.83	138	104301	30.406	nq	91
54) 2,4-Dinitrophenol	9.93	184	102800	102.924	nq	# 86
55) Dibenzofuran	10.09	168	861962	52.712	nq	95
56) 4-Nitrophenol	9.99	139	297130	126.328	nq	92
57) 2,4-Dinitrotoluene	10.07	165	220027	65.740	nq	94
58) Fluorene	10.43	166	666229	53.471	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	144492m	56.475	nq	
60) Diethylphthalate	10.30	149	751861	52.319	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	280855	51.476	nq	91
62) 4-Nitroaniline	10.45	138	196521	59.034	nq	95
63) Azobenzene	10.58	77	809871	54.047	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	80297	59.856	nq	81
66) n-Nitrosodiphenylamine	10.54	169	628438	51.689	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	174472	48.867	nq	96
68) Hexachlorobenzene	10.98	284	180588	48.344	nq	96
69) Atrazine	11.06	200	179887	52.828	nq	96
70) Pentachlorophenol	11.17	266	191293	105.860	nq	98
71) Phenanthrene	11.39	178	1011791	51.716	nq	99
72) Anthracene	11.44	178	1045735	53.098	nq	99
73) Carbazole	11.59	167	1004622	53.551	nq	100
74) Di-n-butylphthalate	11.93	149	1254608	52.167	nq	99
75) Fluoranthene	12.57	202	1075464	55.935	nq	97
77) Benzidine	12.69	184	479067	46.325	nq	100
78) Pyrene	12.80	202	1081843	46.158	nq	98
80) Butylbenzylphthalate	13.42	149	569312	49.949	nq	98
81) Benzo(a)anthracene	13.99	228	828932	49.675	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	196502	34.845	nq	# 97
83) Chrysene	14.03	228	871650	50.701	nq	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	741587	52.708	nq	99
85) Di-n-octyl phthalate	14.59	149	1371767	59.578	nq	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	849288	61.503	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	856288	50.925	nq	98
89) Benzo(k)fluoranthene	15.06	252	752723	49.097	nq	98
90) Benzo(a)pyrene	15.39	252	776195	53.058	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	690846	53.952	nq	# 96
92) Benzo(g,h,i)perylene	17.34	276	719960	55.130	nq	# 93

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



#1

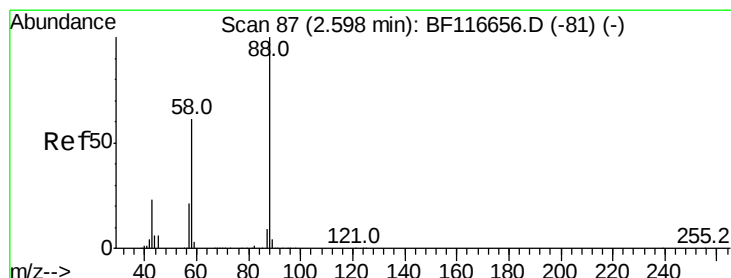
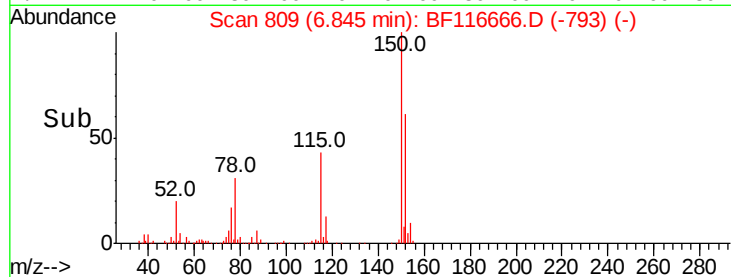
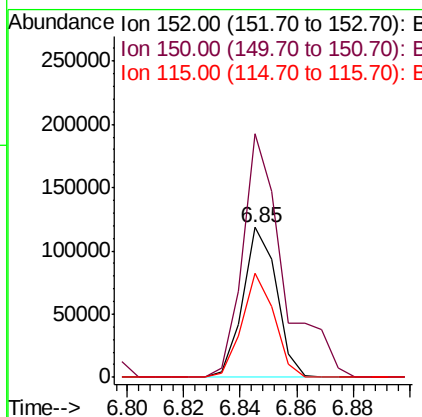
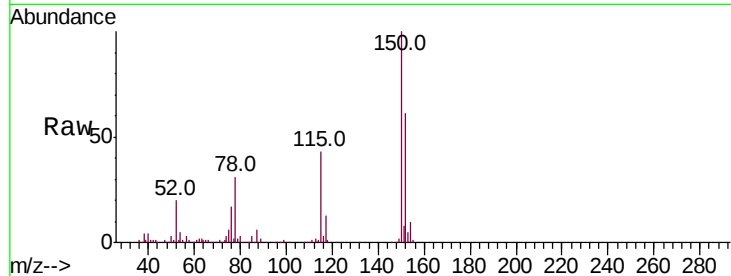
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.4	186.6
115	69.6	49.9	74.9

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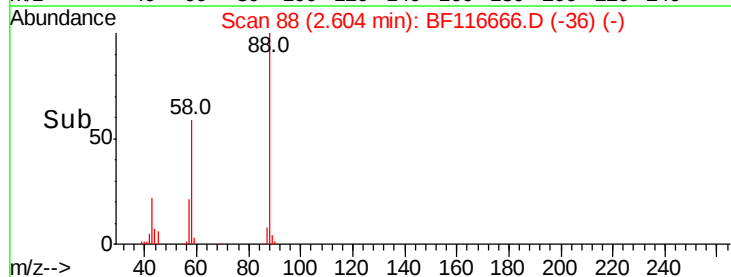
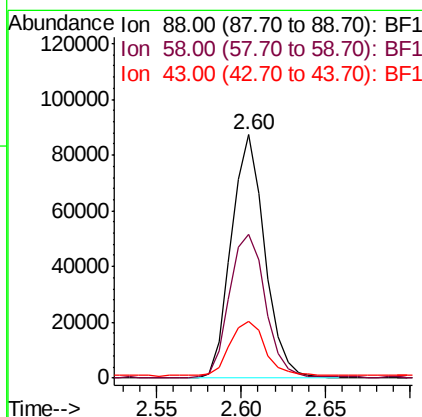
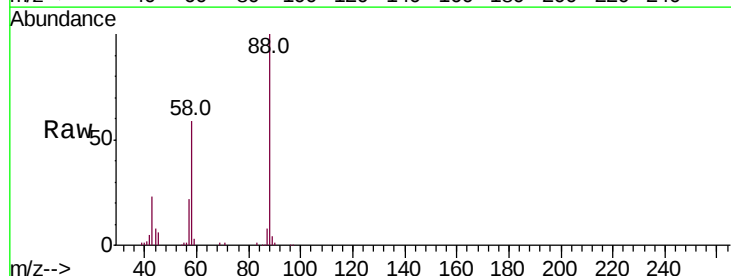
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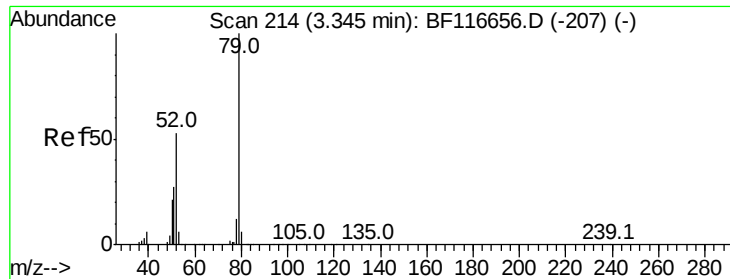


#2

1,4-Dioxane
Concen: 43.016 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	51.7	77.5
43	23.5	19.8	29.8





#3

Pvridine

Concen: 39.031 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

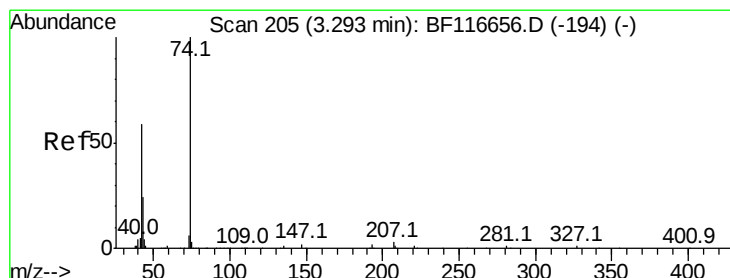
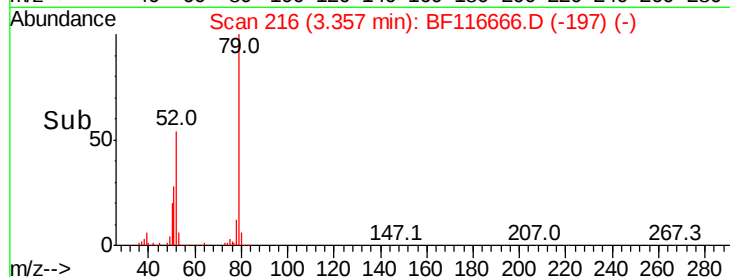
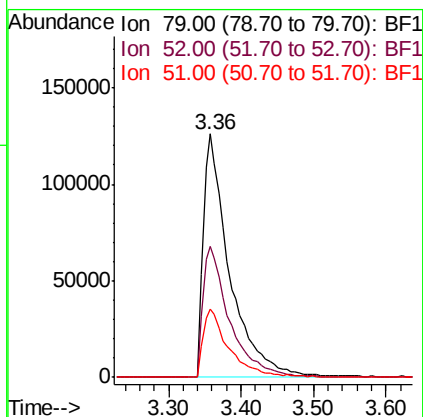
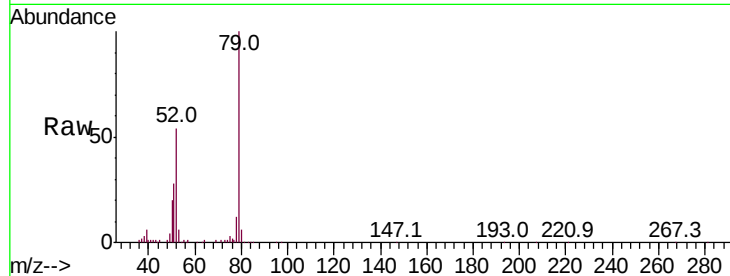
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	79	Resp:	315936
Ion Ratio	Lower	Upper	
79	100		
52	53.8	47.4	71.0
51	28.2	24.1	36.1

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#4

n-Nitrosodimethylamine

Concen: 47.591 ng

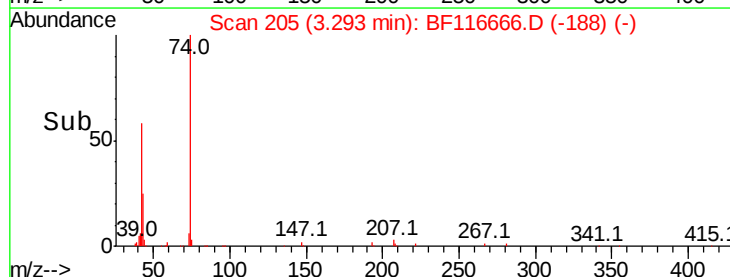
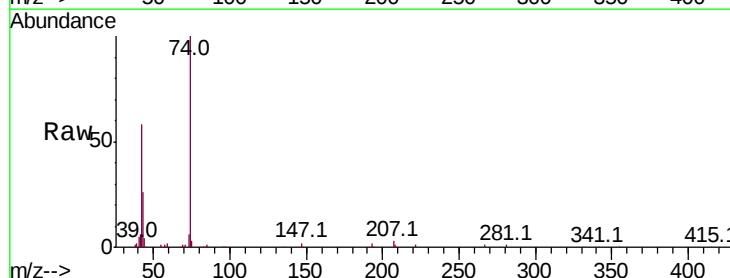
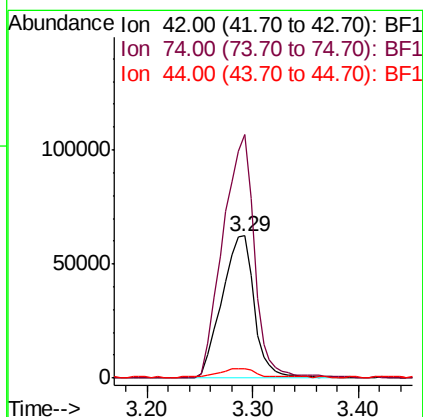
RT: 3.29 min Scan# 205

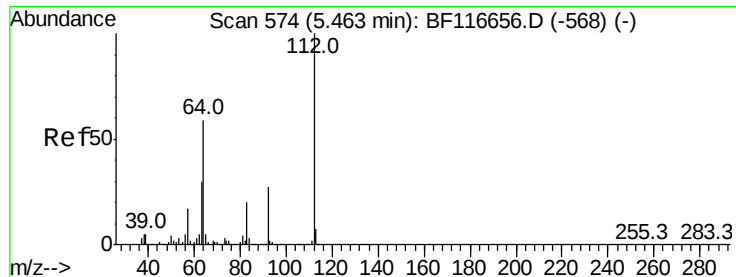
Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	42	Resp:	132282
Ion Ratio	Lower	Upper	
42	100		
74	171.1	115.6	173.4
44	6.8	4.6	7.0





#5

2-Fluorophenol

Concen: 141.829 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

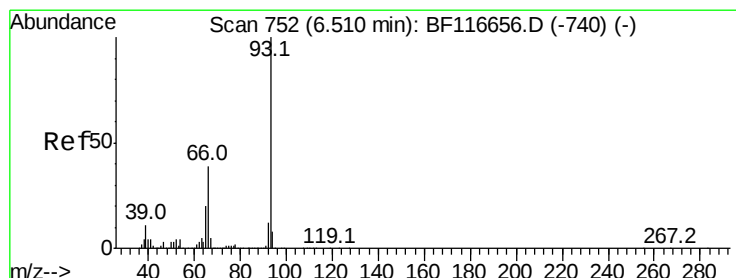
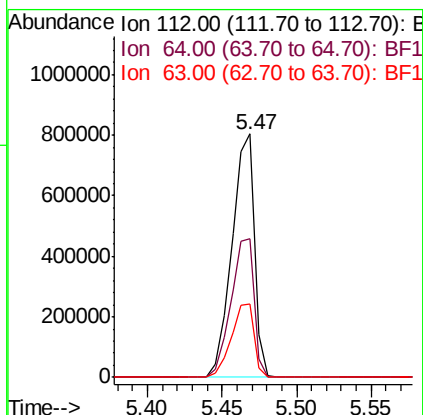
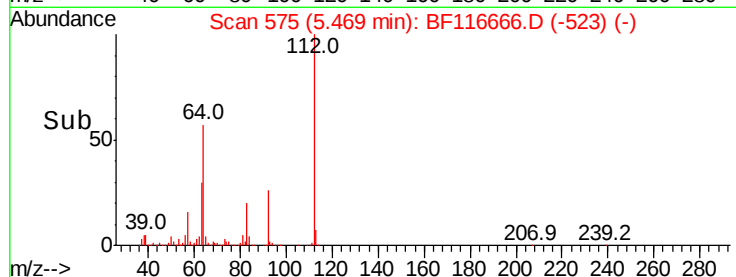
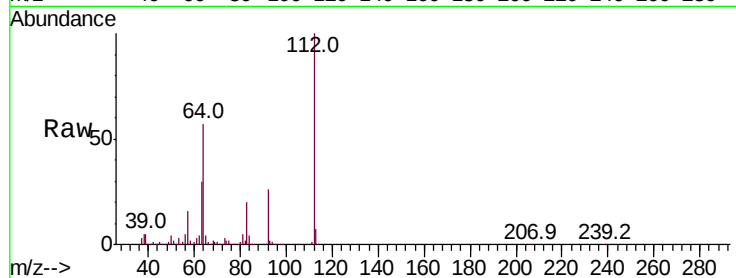
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	112	Resp:	858927
Ion Ratio	Lower	Upper	
112	100		
64	57.1	47.1	70.7
63	30.3	24.9	37.3

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#6

Aniline

Concen: 36.320 ng

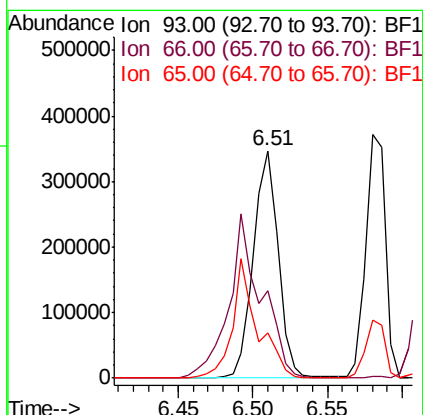
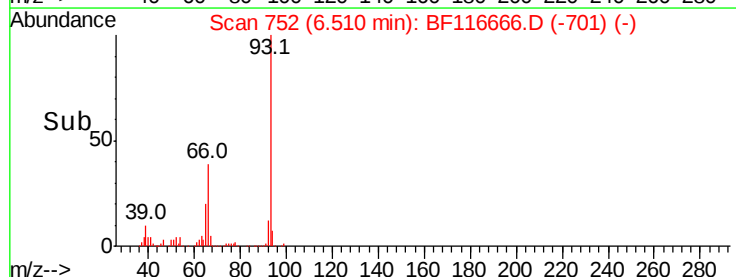
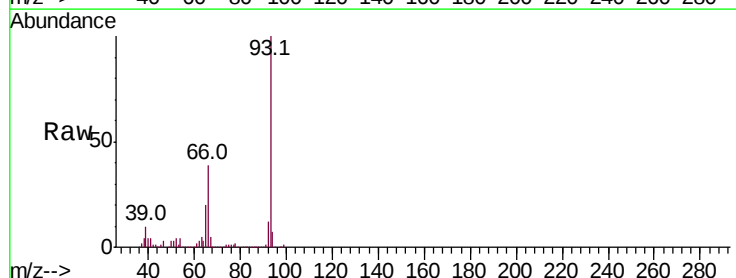
RT: 6.51 min Scan# 752

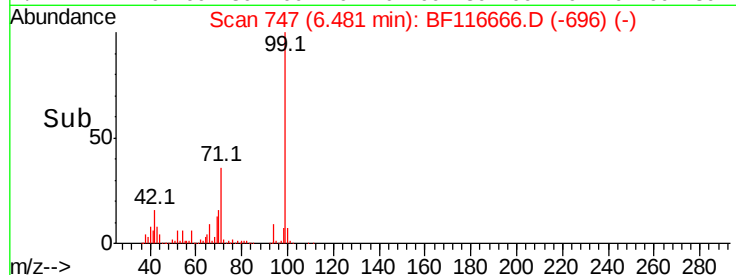
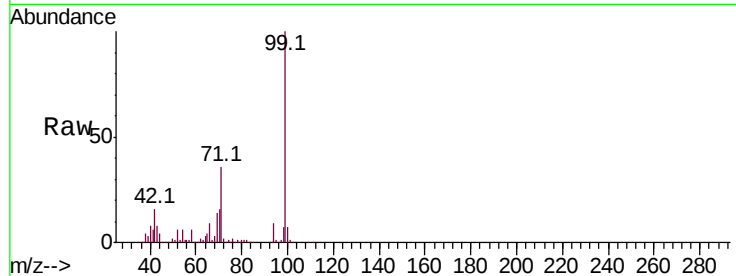
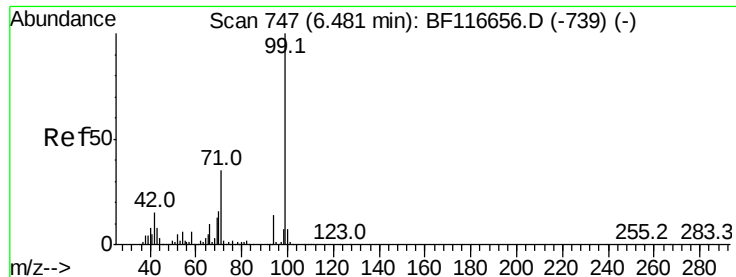
Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	93	Resp:	400039
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.7	49.1
65	19.8	16.3	24.5





#7

Phenol-d6

Concen: 149.741 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tot Ion: 99 Resp: 1190786

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

71 36.4 30.8 46.2

Instrument :

BNA_F

ClientSampleId :

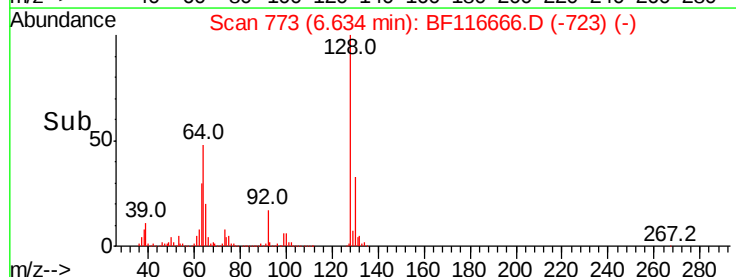
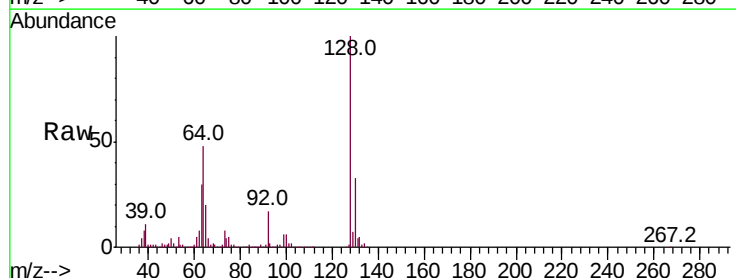
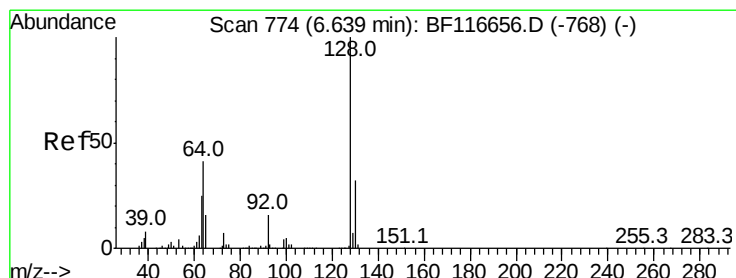
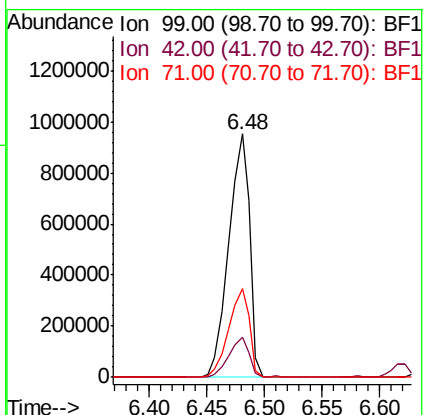
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#8

2-Chlorophenol

Concen: 51.240 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

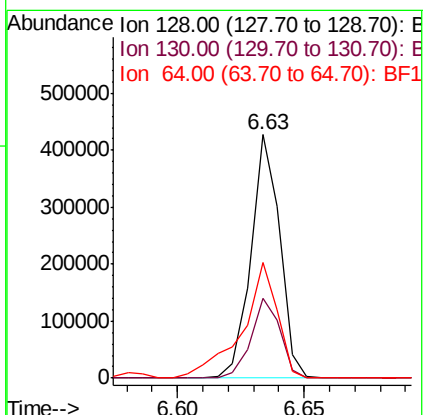
Tgt Ion:128 Resp: 338751

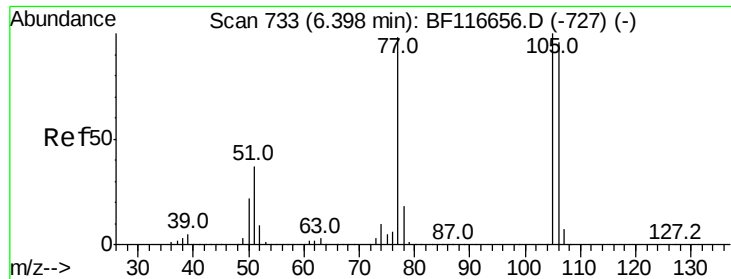
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 47.7 22.5 62.5





#9

Benzaldehyde

Concen: 46.365 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

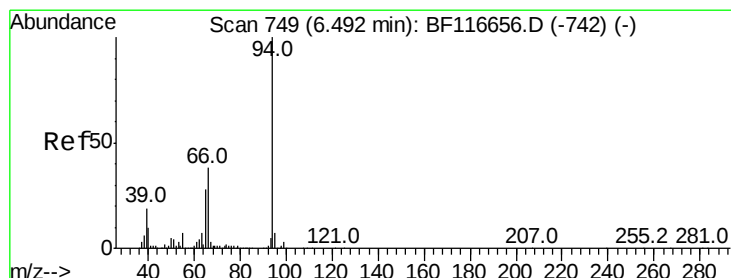
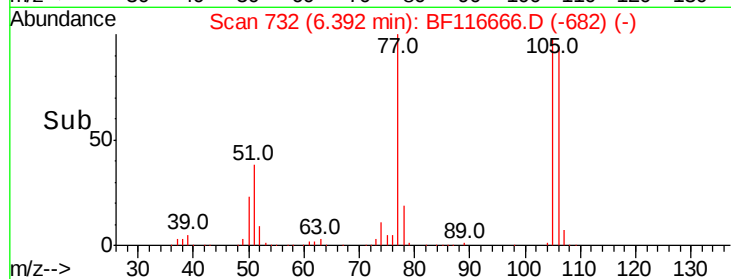
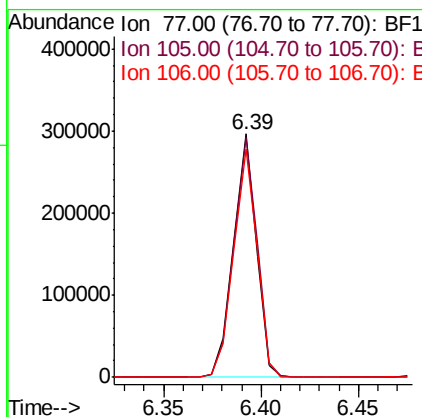
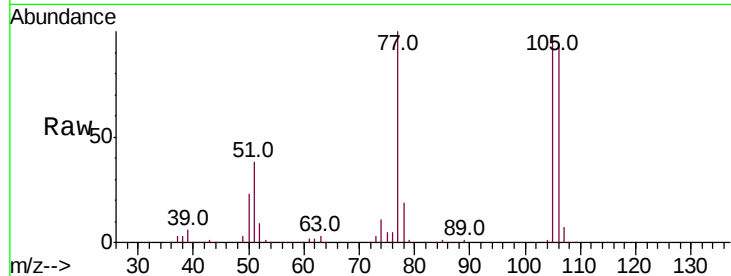
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	77	Resp:	242908
Ion Ratio	Lower	Upper	
77	100		
105	98.3	76.7	116.7
106	93.8	73.1	113.1

Manual Integrations
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#10

Phenol

Concen: 55.731 ng

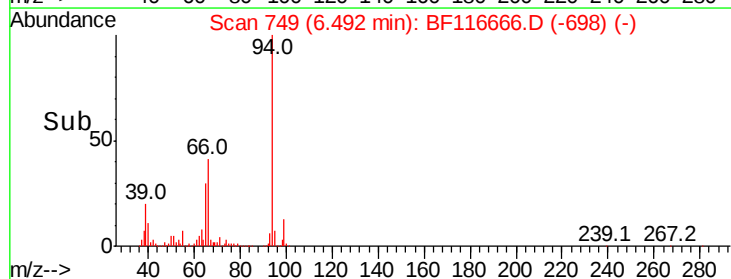
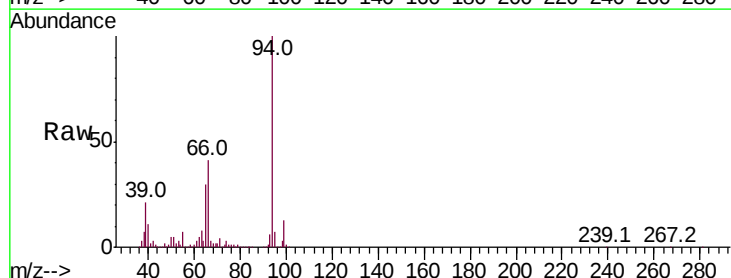
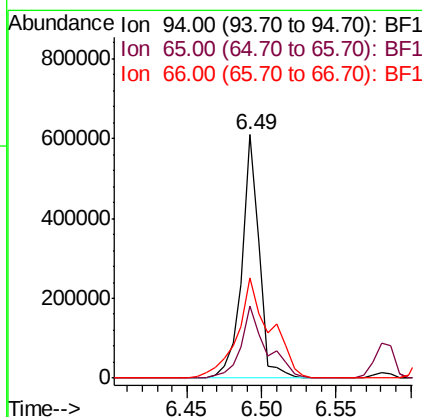
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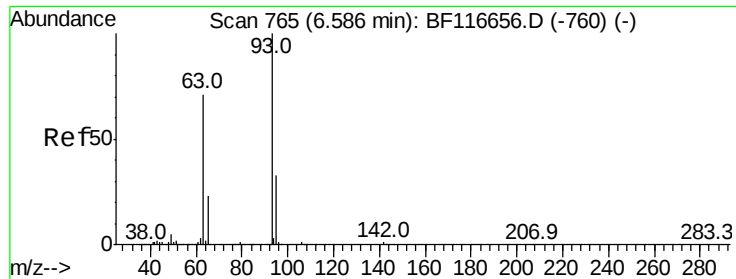
Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	94	Resp:	490754
Ion Ratio	Lower	Upper	
94	100		
65	29.8	10.8	50.8
66	41.2	21.1	61.1





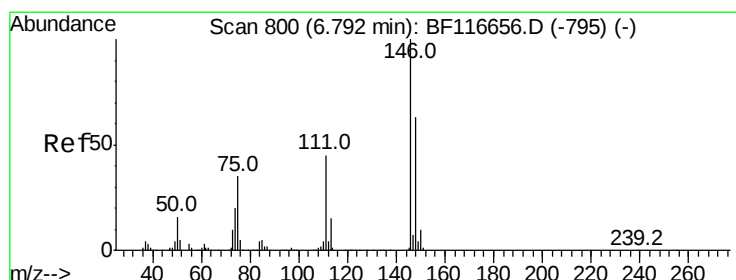
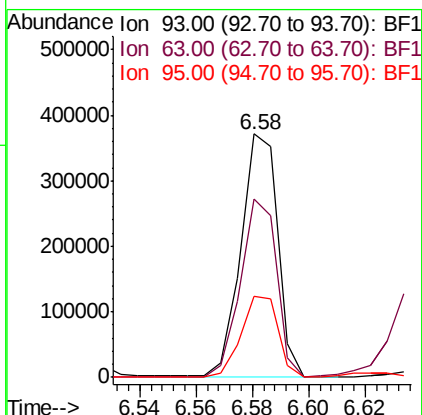
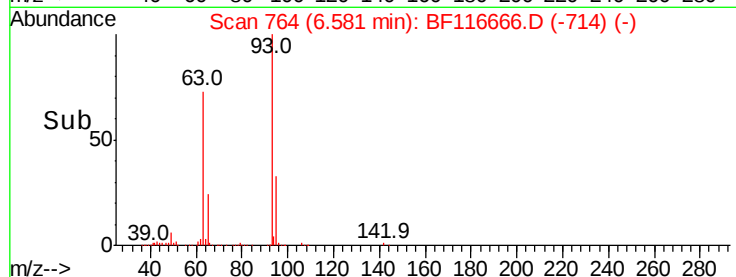
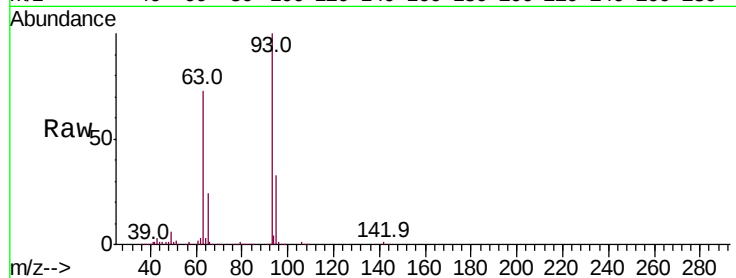
#11
bis(2-Chloroethyl)ether
Concen: 48.806 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	73.1	49.9	89.9
95	33.3	12.7	52.7

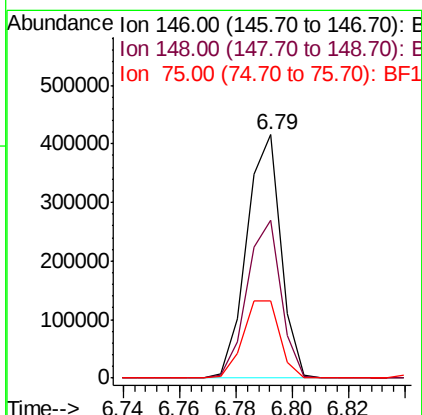
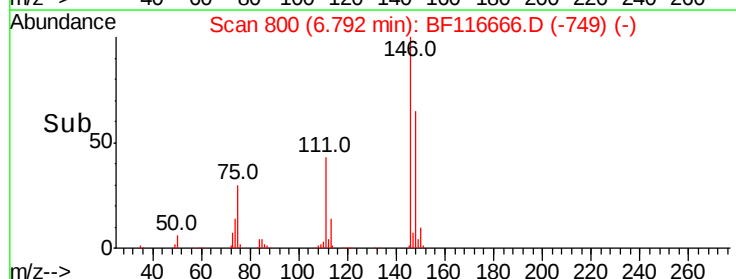
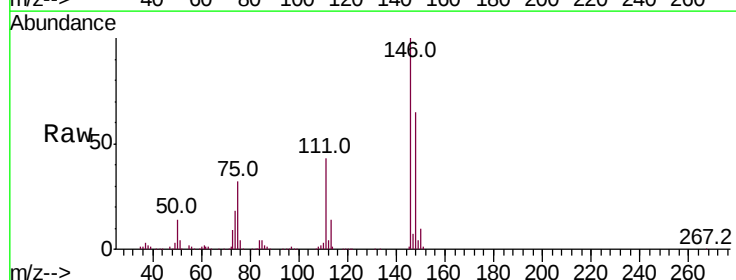
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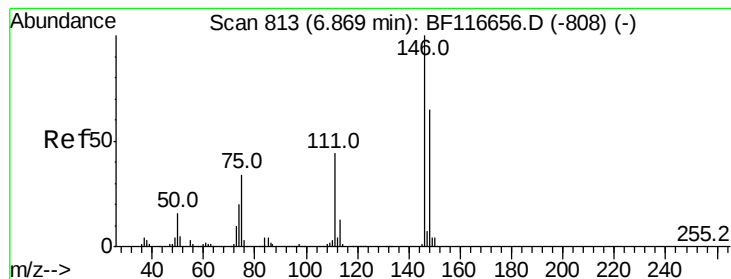
mohammad
8/31/2019 2:45:25 PM



#12
1,3-Dichlorobenzene
Concen: 46.726 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.0	51.4	77.0
75	31.6	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 48.139 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

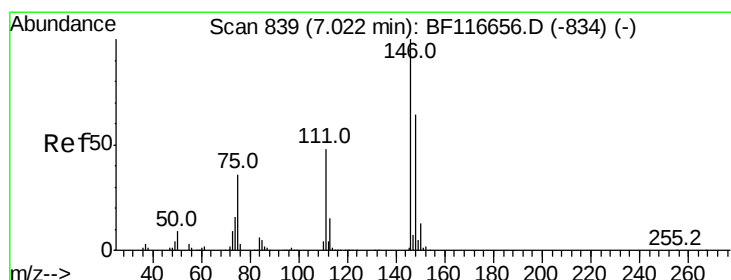
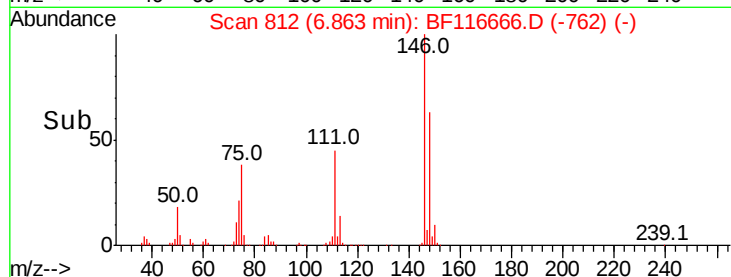
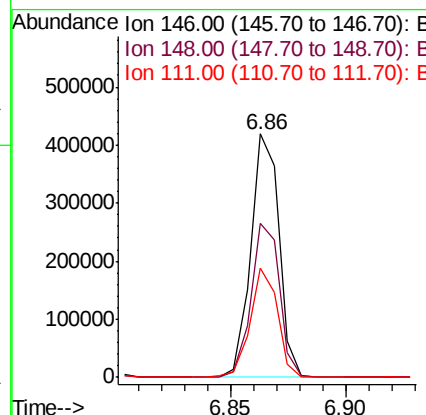
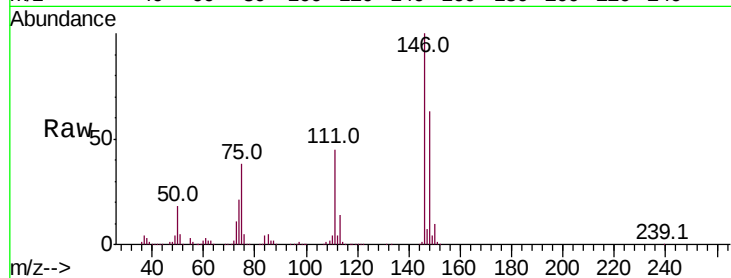
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	146	Resp:	358097
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.2
111	45.0	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 47.819 ng

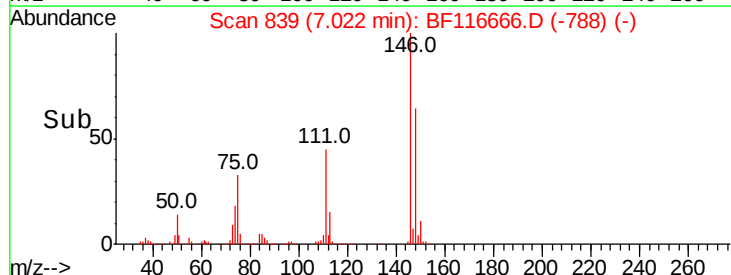
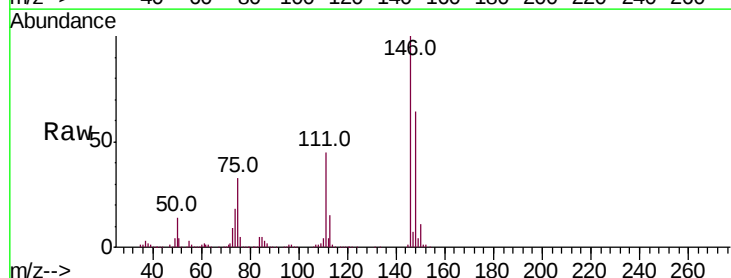
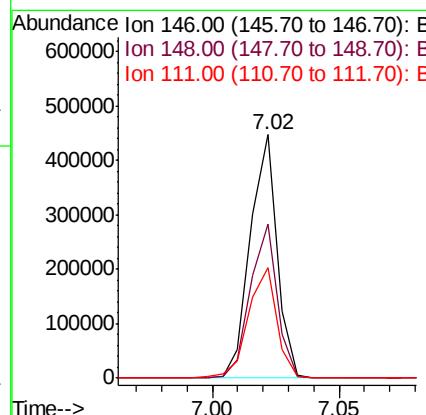
RT: 7.02 min Scan# 839

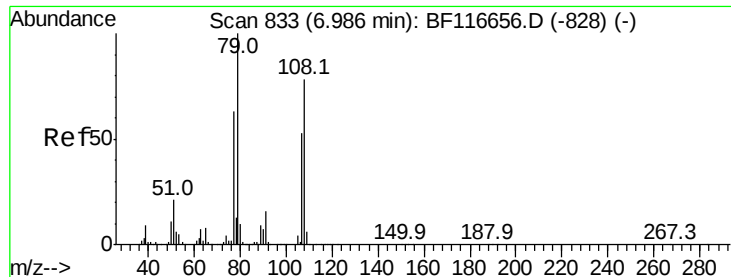
Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	146	Resp:	329653
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.6	78.8
111	45.1	34.2	51.4





#15

Benzyl Alcohol

Concen: 51.102 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

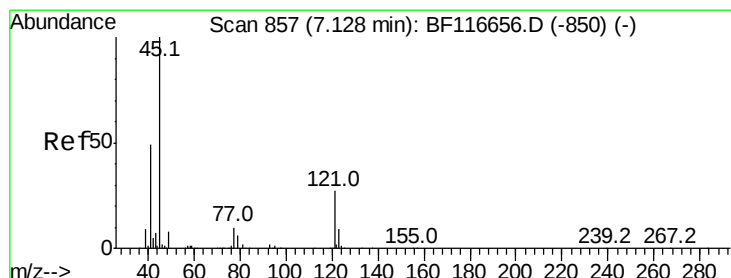
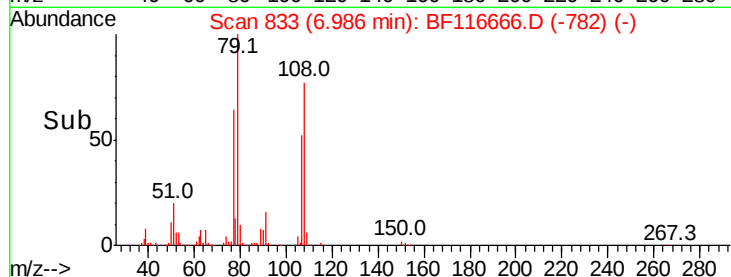
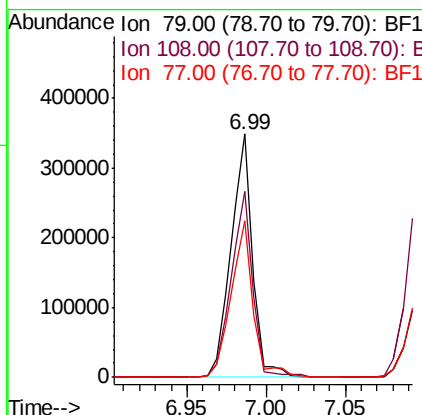
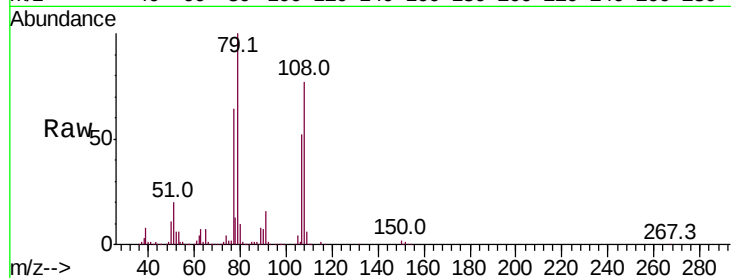
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	79	Resp:	329868
Ion Ratio	Lower	Upper	
79	100		
108	76.6	59.2	88.8
77	64.4	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.904 ng

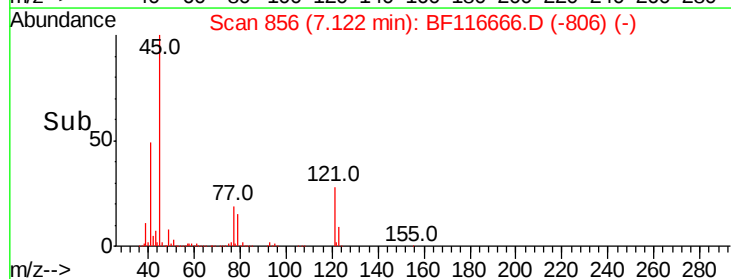
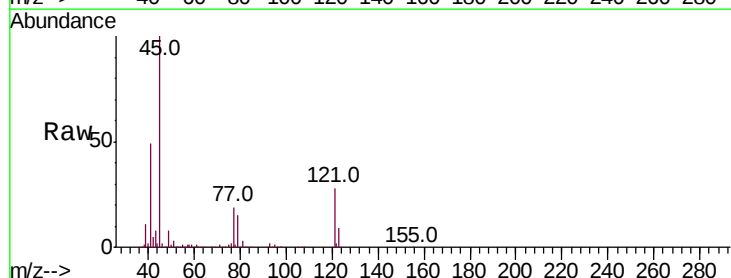
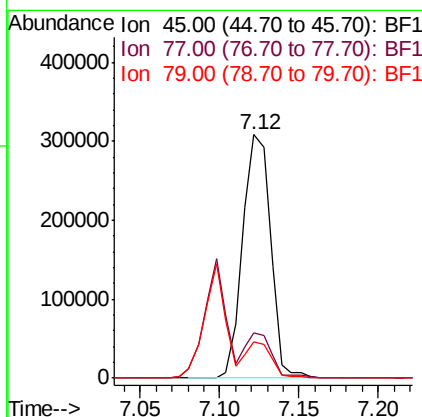
RT: 7.12 min Scan# 856

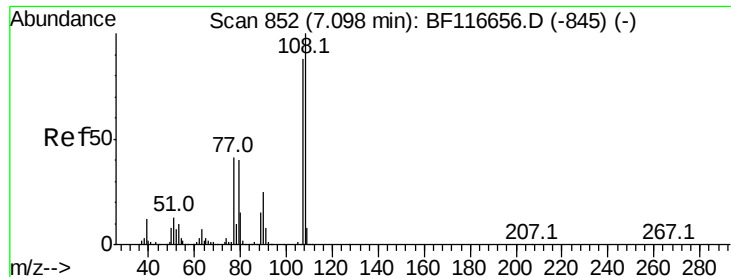
Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	45	Resp:	377318
Ion Ratio	Lower	Upper	
45	100		
77	18.7	0.0	38.2
79	14.7	0.0	33.9





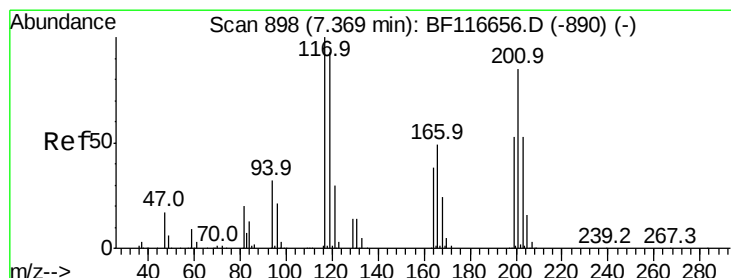
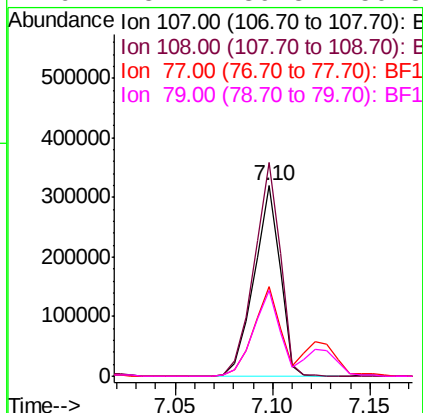
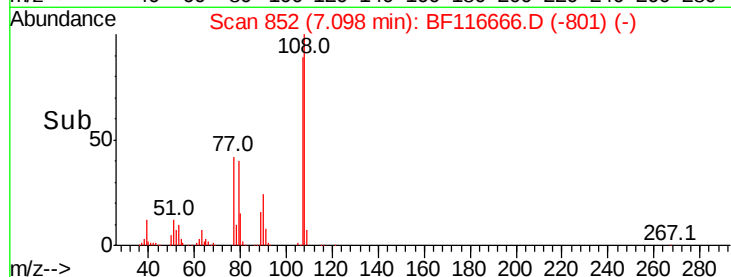
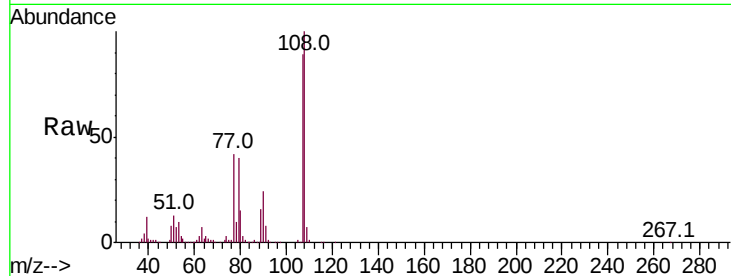
#17
2-Methylphenol
Concen: 50.725 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	88.3	132.5	
77	47.4	39.9	59.9	
79	45.2	39.8	59.8	

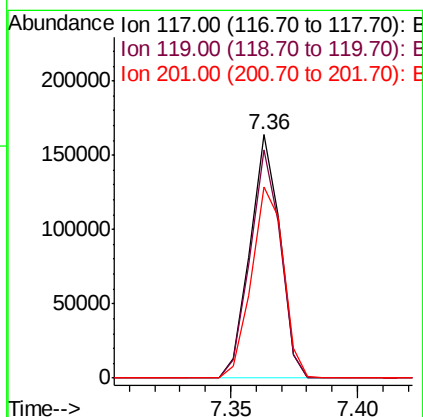
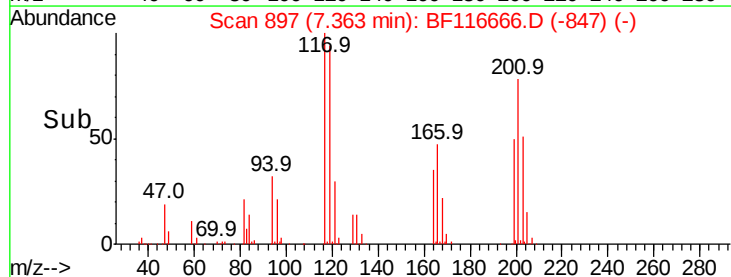
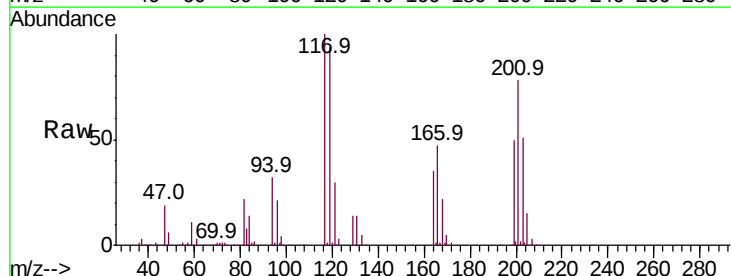
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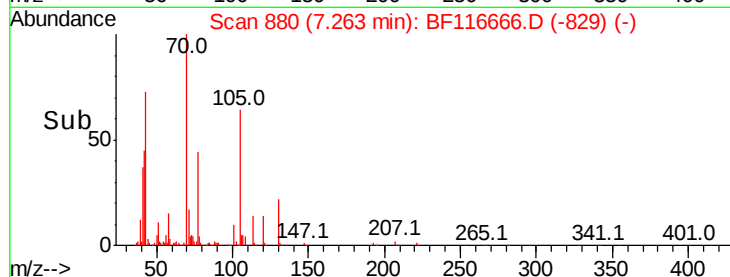
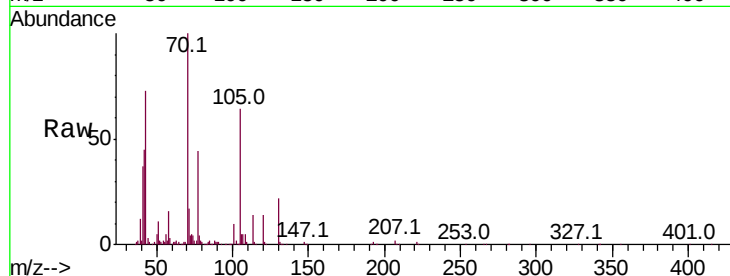
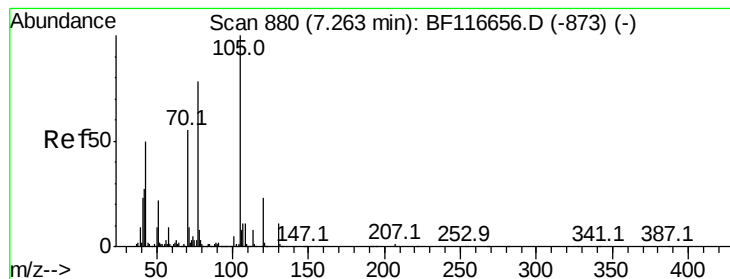
mohammad
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#18
Hexachloroethane
Concen: 47.006 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	76.9	115.3	
201	78.3	79.4	119.0#	





#19

n-Nitroso-di-n-propylamine

Concen: 49.175 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

ClientSampleId :

SB-3-35-37MSD

Tot Ion: 70 Resp: 257483

Ion Ratio Lower Upper

70 100

42 45.3 43.5 65.3

101 9.8 7.8 11.6

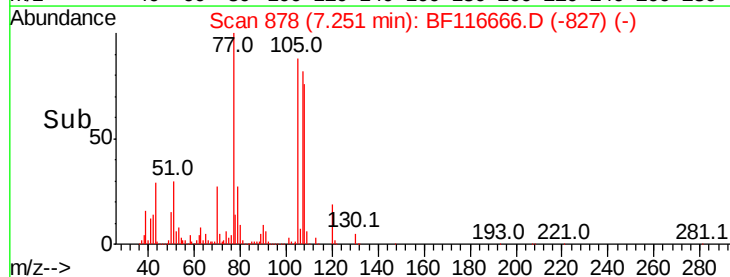
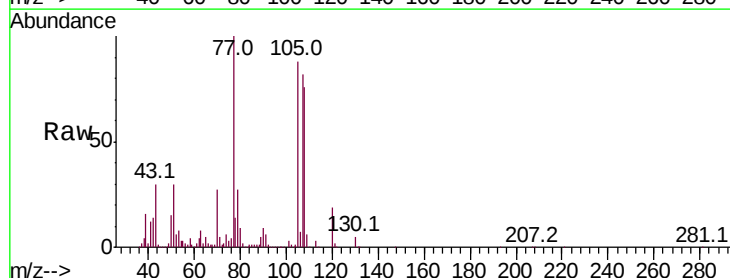
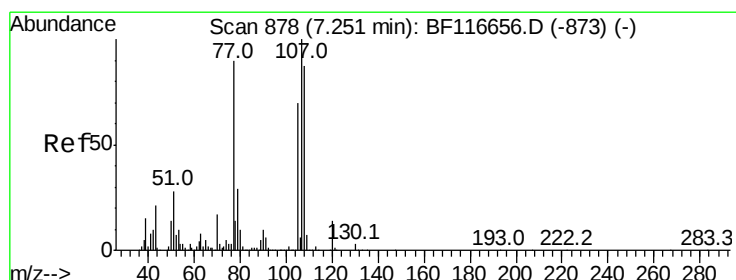
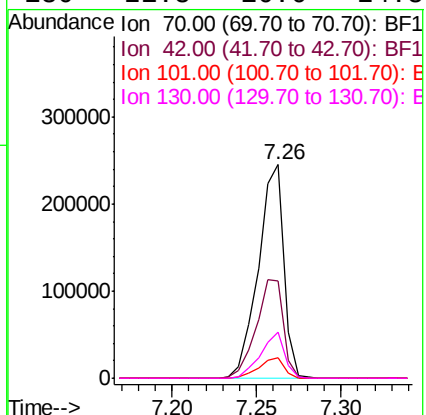
130 21.8 16.6 24.8

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#20

3+4-Methylphenols

Concen: 52.398 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion: 107 Resp: 352586

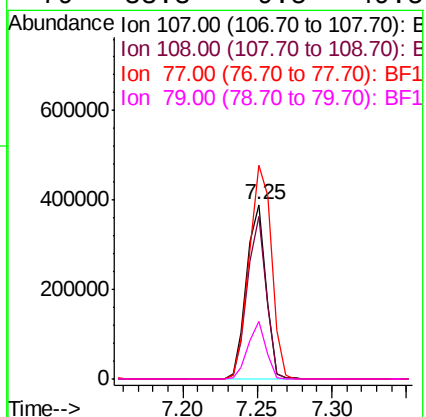
Ion Ratio Lower Upper

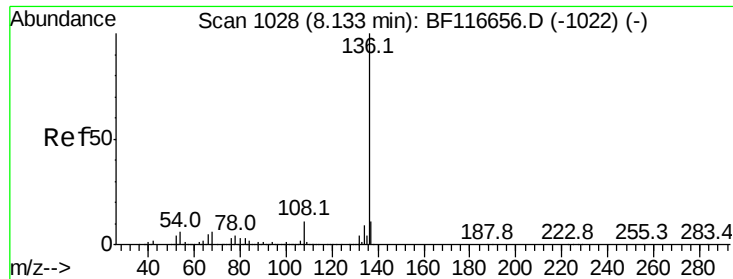
107 100

108 93.5 65.5 105.5

77 122.6 69.4 109.4#

79 33.3 9.5 49.5





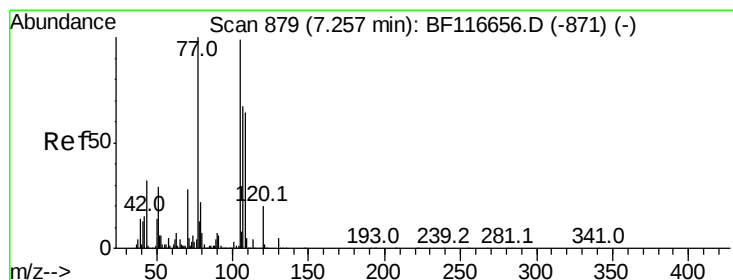
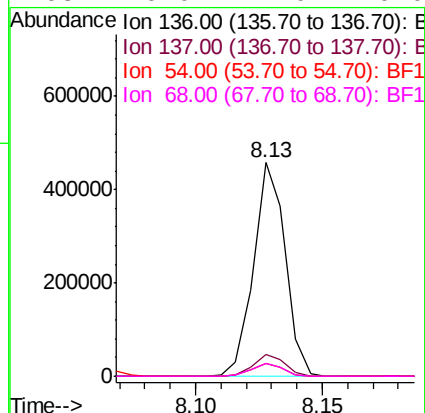
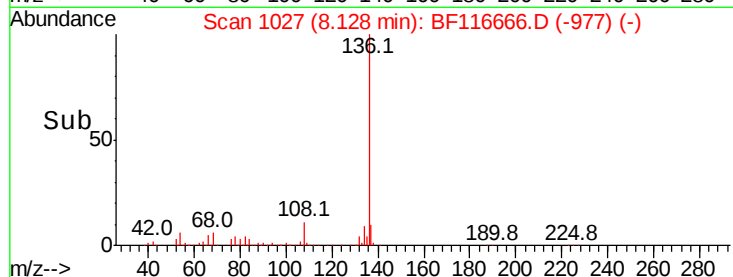
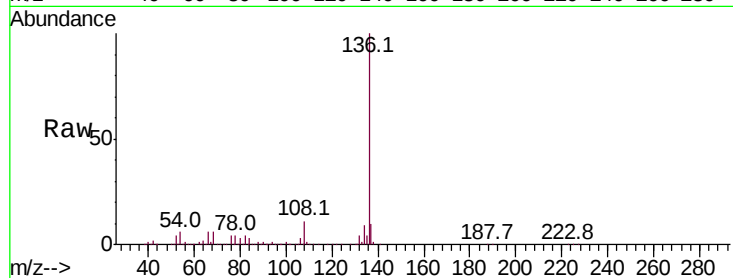
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	6.2	4.8	7.2	
68	6.0	4.0	6.0	

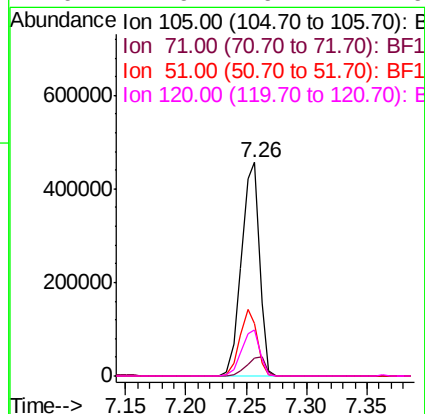
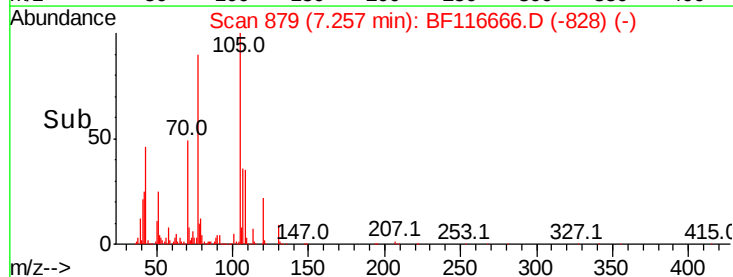
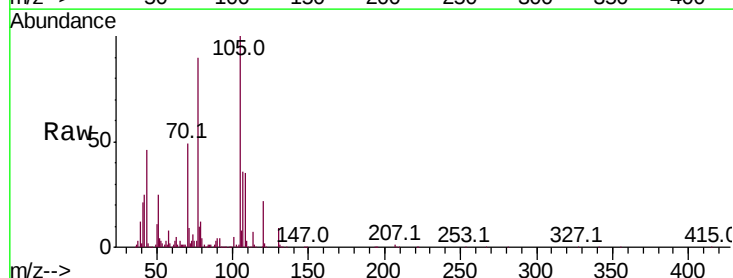
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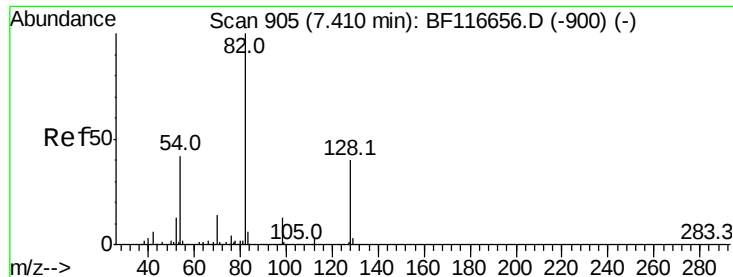
mohammad
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#22
Acetophenone
Concen: 50.057 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	4.2	6.4#	
51	24.8	25.8	38.8#	
120	21.9	16.4	24.6	





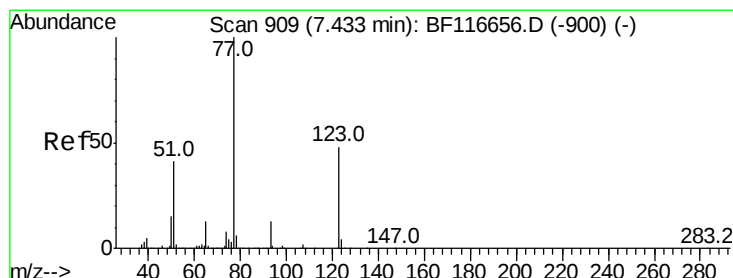
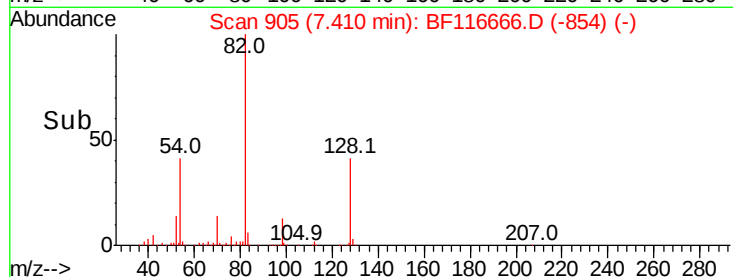
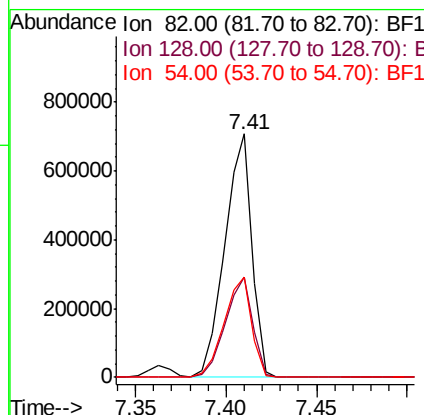
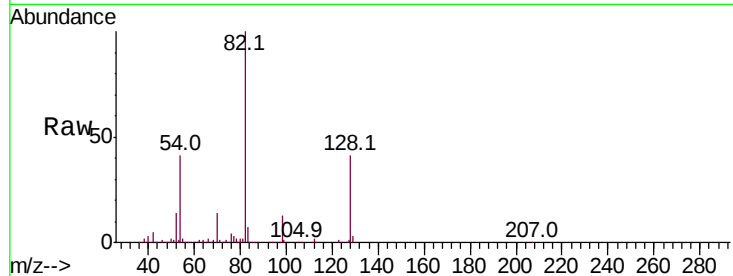
#23
Nitrobenzene-d5
Concen: 105.477 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.0	32.8	49.2	
54	41.3	36.9	55.3	

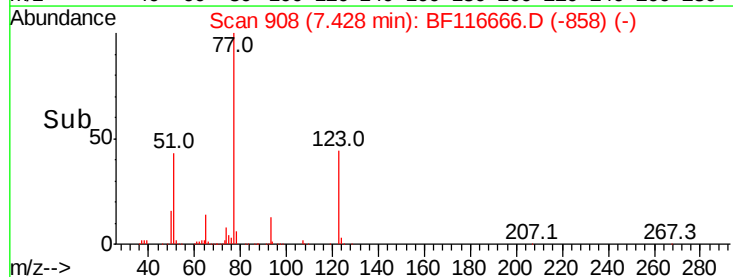
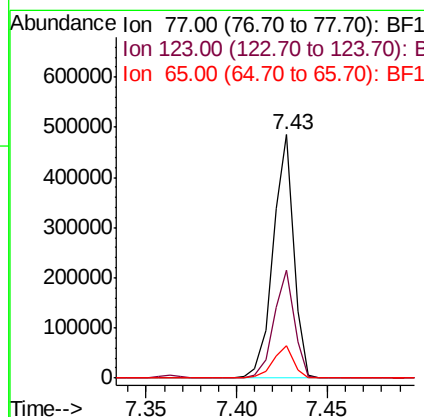
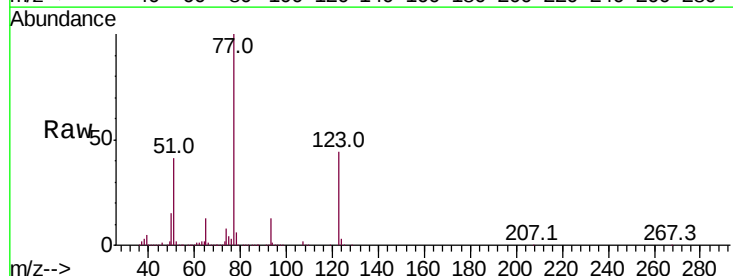
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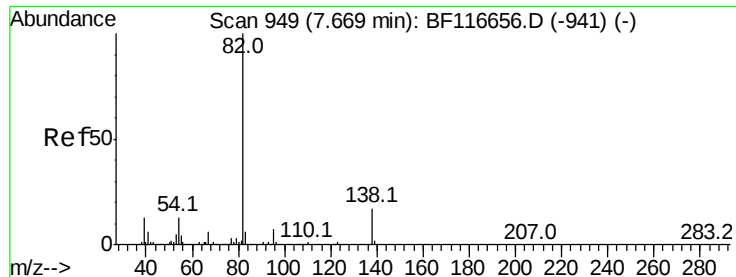
mohammad
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#24
Nitrobenzene
Concen: 53.951 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.5	33.1	49.7	
65	13.2	10.6	15.8	





#25

Isophorone

Concen: 51.394 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

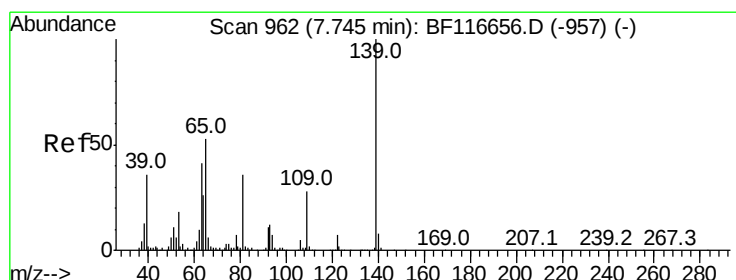
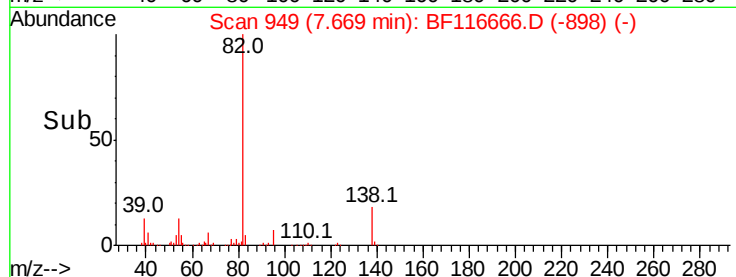
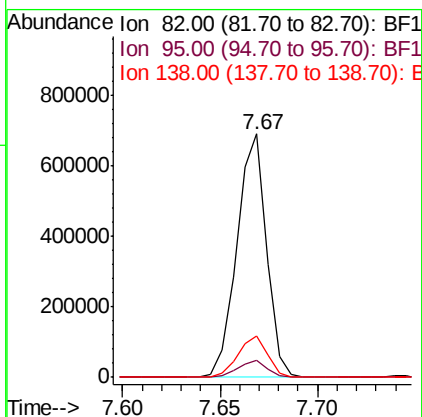
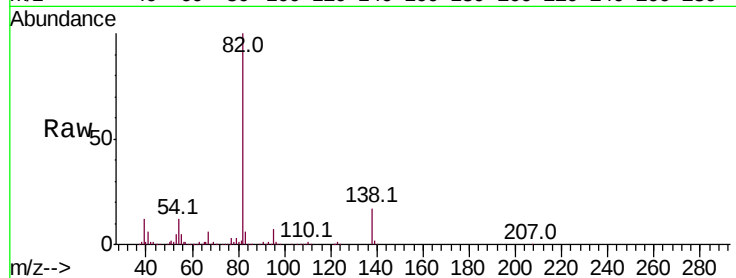
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	82	Resp:	724598
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	17.1	13.5	20.3

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#26

2-Nitrophenol

Concen: 61.886 ng

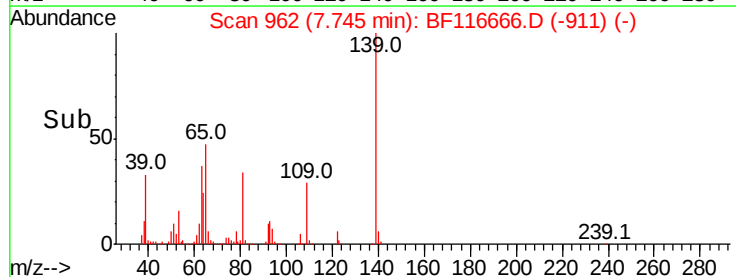
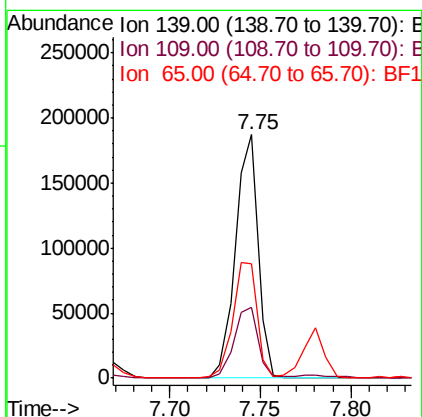
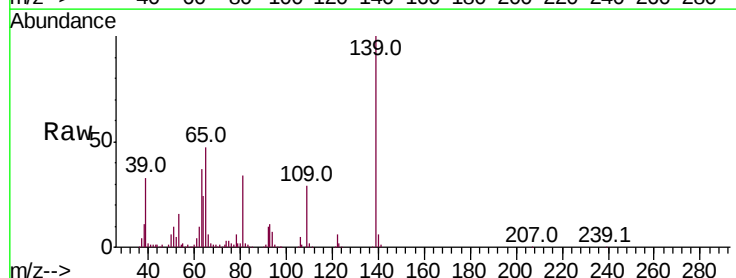
RT: 7.75 min Scan# 962

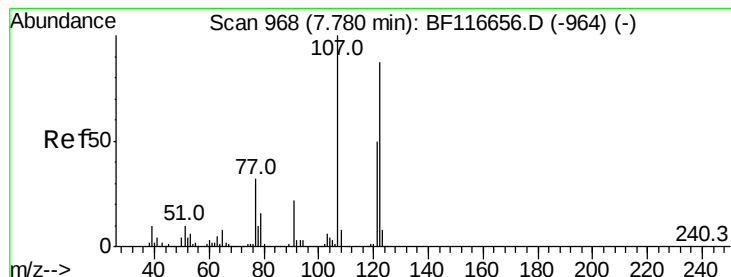
Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	139	Resp:	162815
Ion Ratio	Lower	Upper	
139	100		
109	29.3	27.1	40.7
65	47.2	43.0	64.6





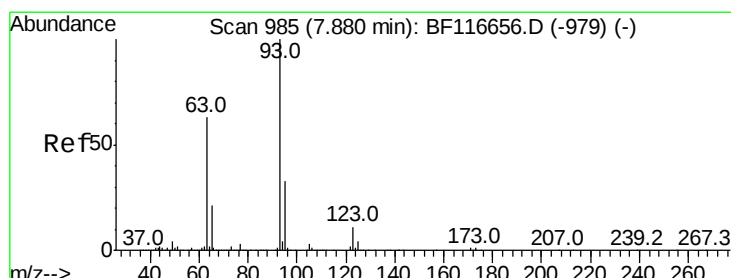
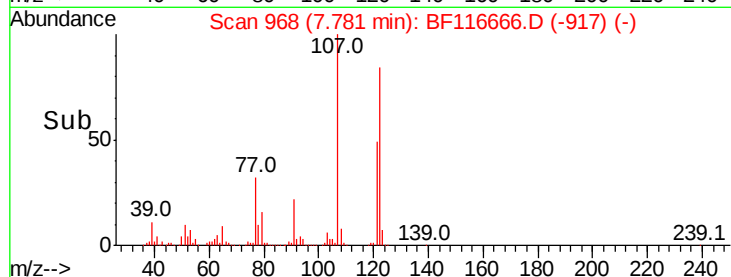
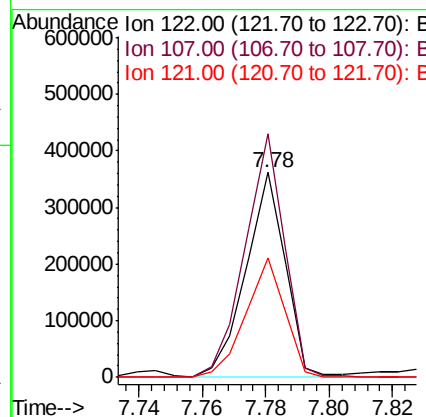
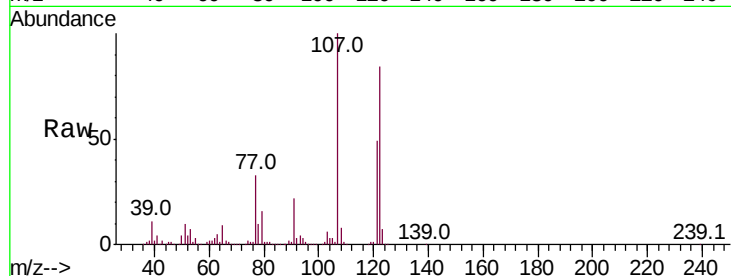
#27
2,4-Dimethylphenol
Concen: 58.959 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	313266		
107	118.7	98.1	147.1	
121	58.1	47.3	70.9	

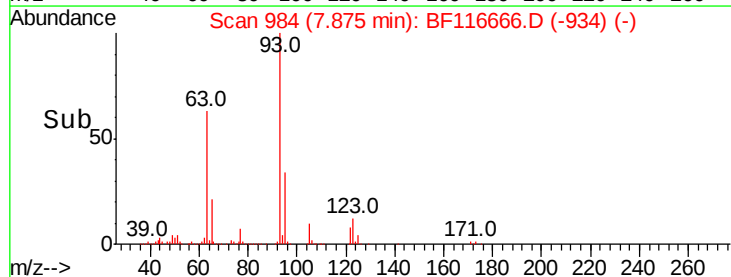
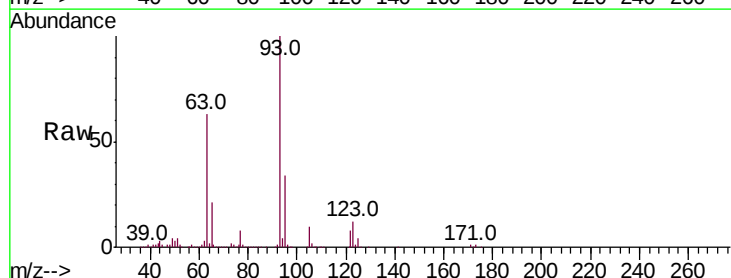
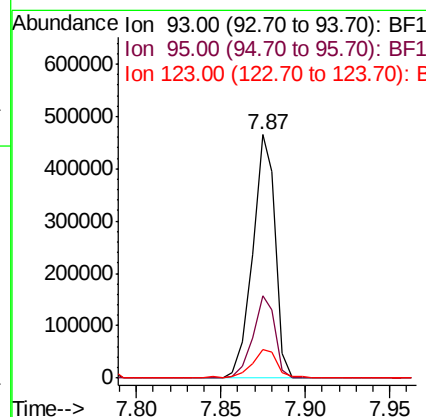
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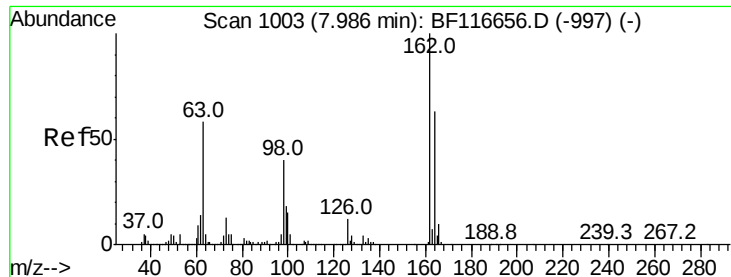
mohammad
8/31/2019 2:45:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.380 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	434062		
95	33.6	26.4	39.6	
123	11.6	9.8	14.8	





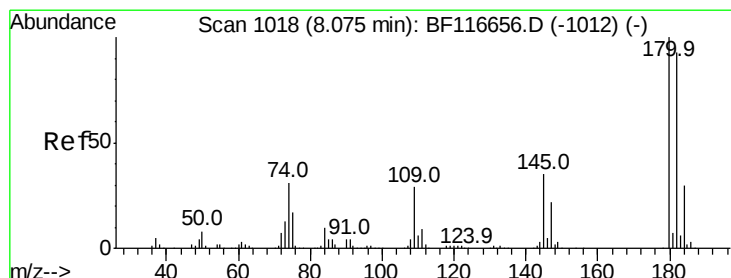
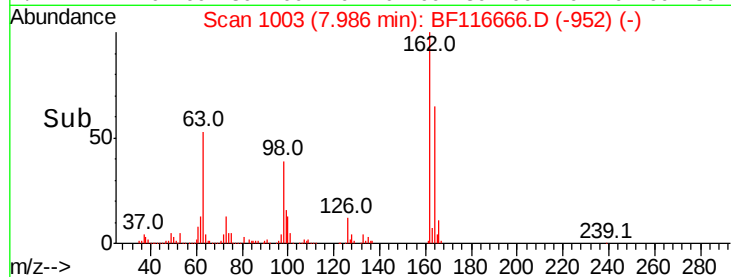
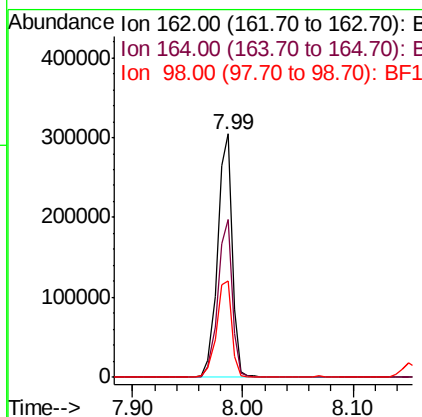
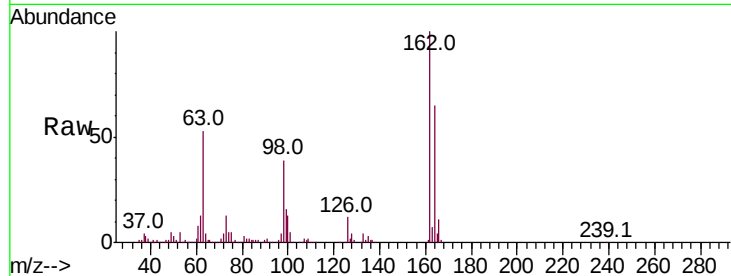
#29
2,4-Dichlorophenol
Concen: 55.064 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	281171		
164	64.7	43.4	83.4	
98	39.4	18.1	58.1	

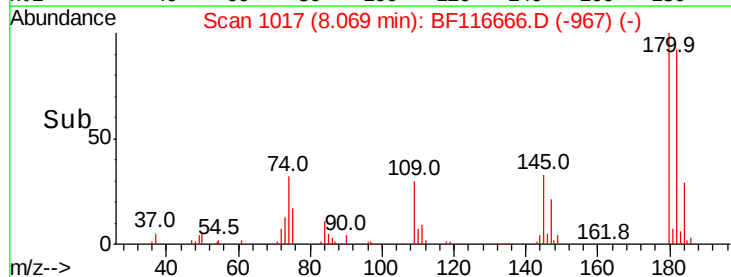
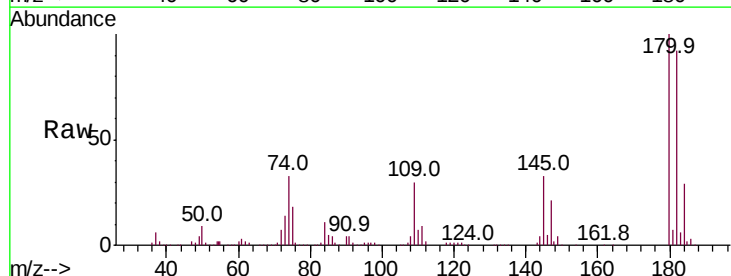
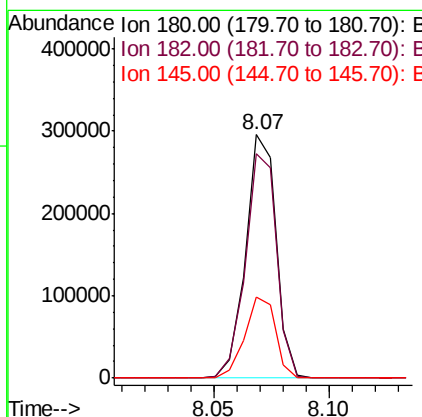
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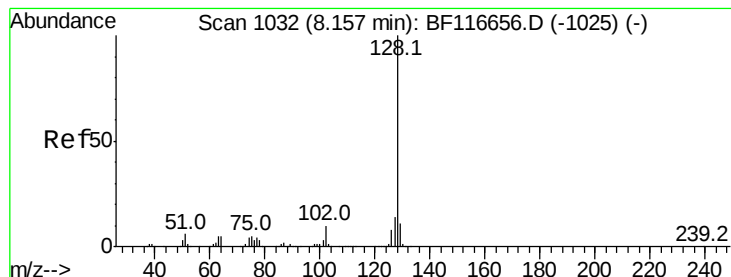
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 49.242 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	272721		
182	92.0	78.6	118.0	
145	33.3	25.7	38.5	





#31

Naphthalene

Concen: 52.027 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

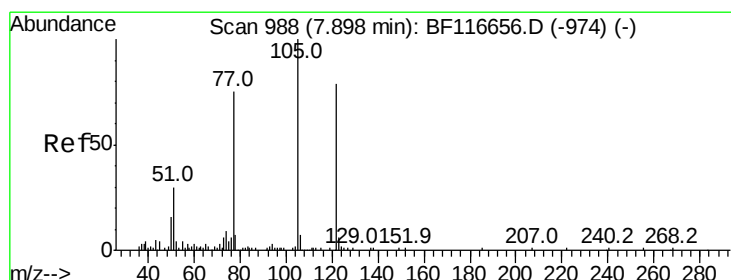
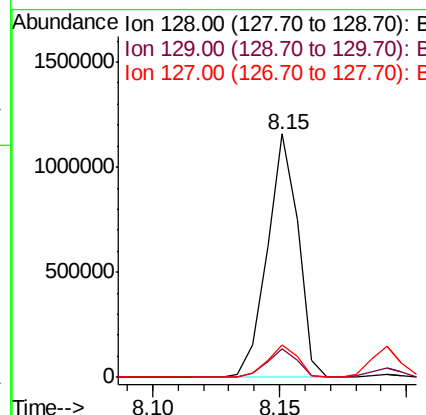
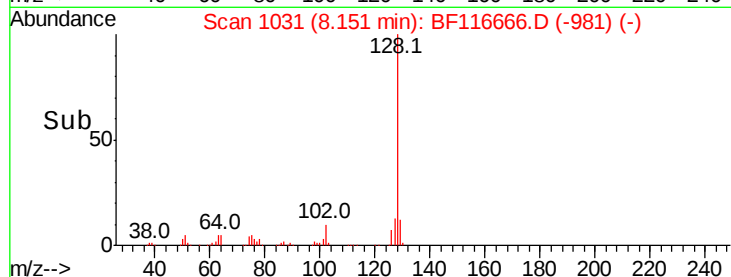
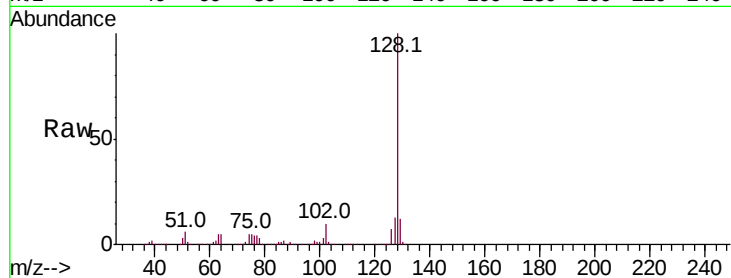
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	128	Resp:	982658
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.6	13.0
127	13.1	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 52.305 ng

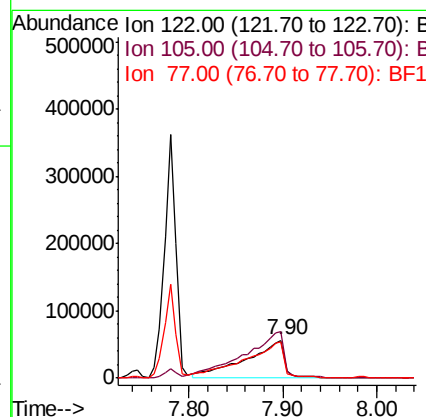
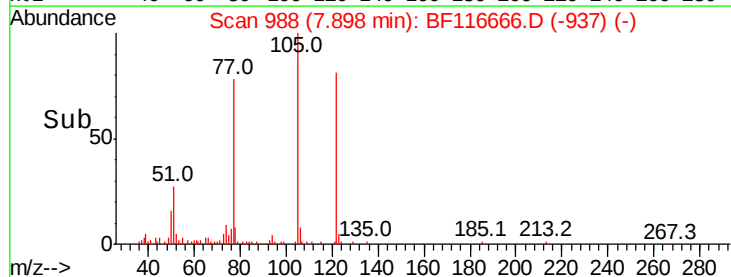
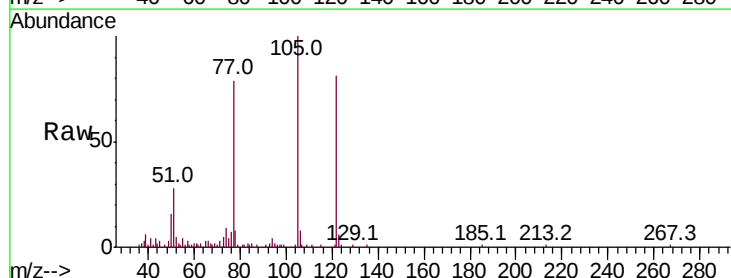
RT: 7.90 min Scan# 988

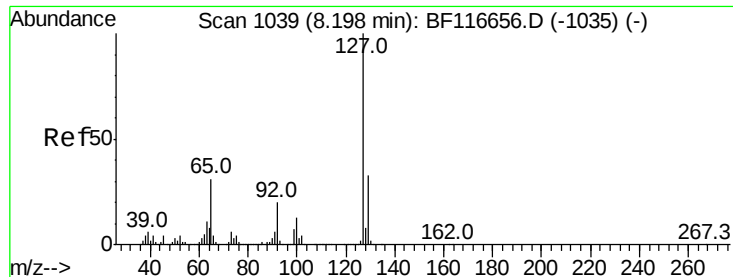
Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	122	Resp:	156922
Ion Ratio	Lower	Upper	
122	100		
105	123.5	110.0	150.0
77	97.3	81.7	121.7





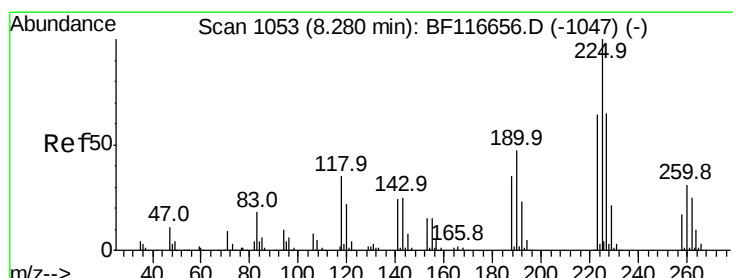
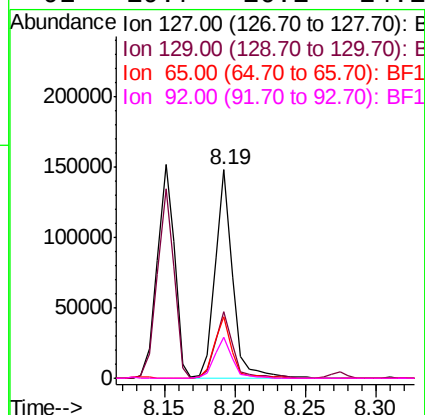
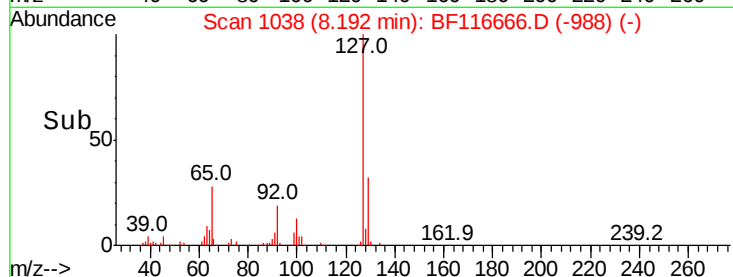
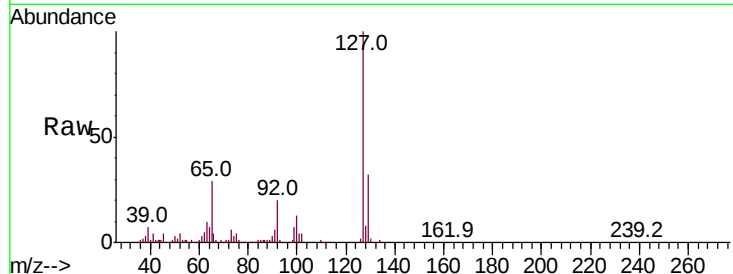
#33
4-Chloroaniline
Concen: 14.757 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	126872		
129	32.0	26.2	39.2	
65	29.4	26.0	39.0	
92	19.7	16.1	24.1	

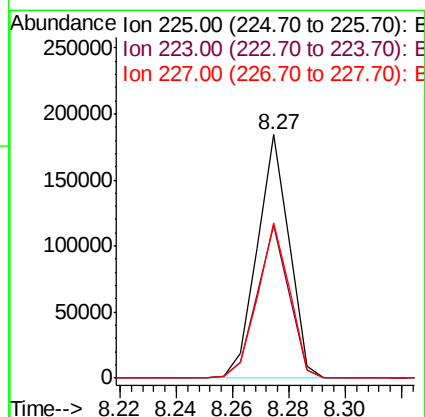
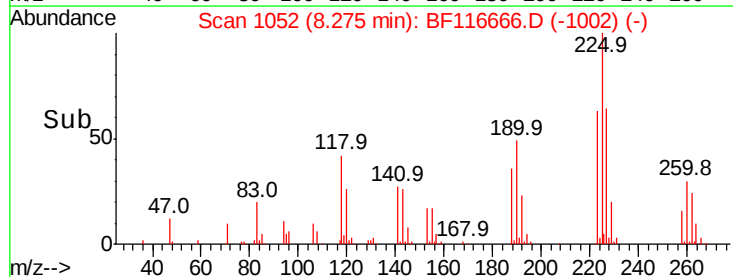
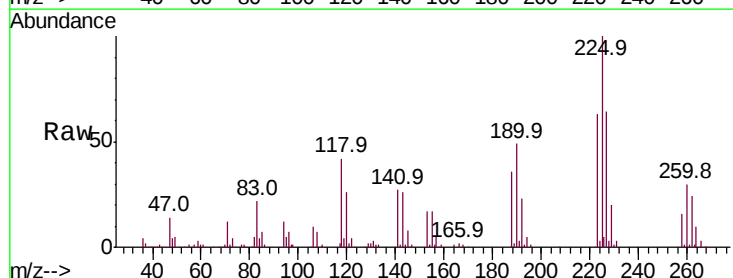
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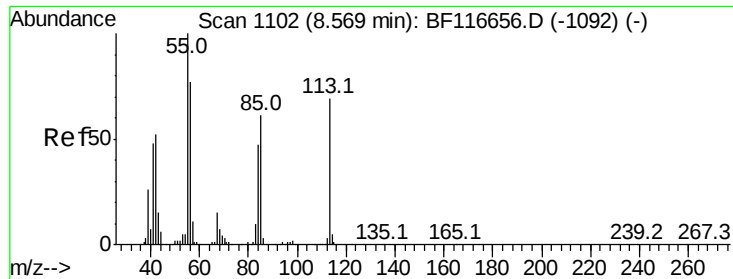
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#34
Hexachlorobutadiene
Concen: 47.923 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144719		
223	62.5	49.4	74.2	
227	64.0	51.0	76.4	





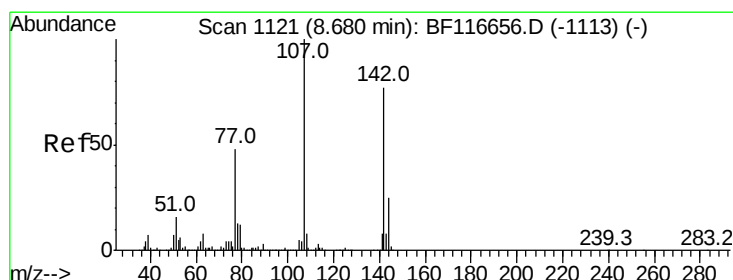
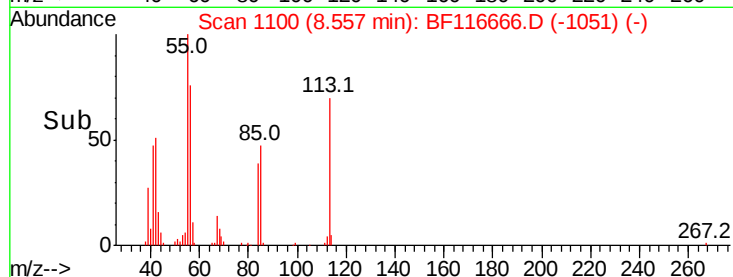
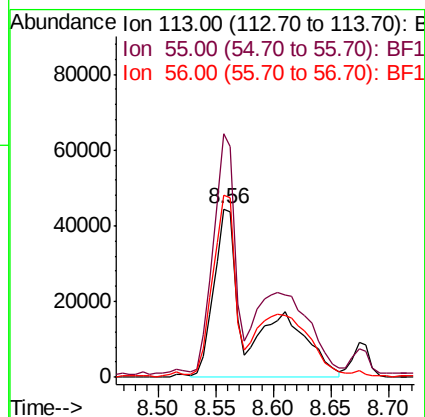
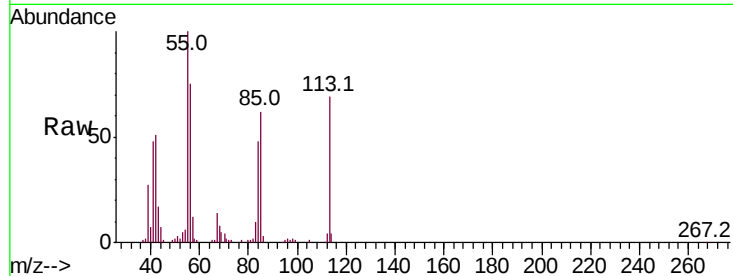
#35
Caprolactam
Concen: 55.768 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.8	124.3	164.3
56	108.7	94.6	134.6

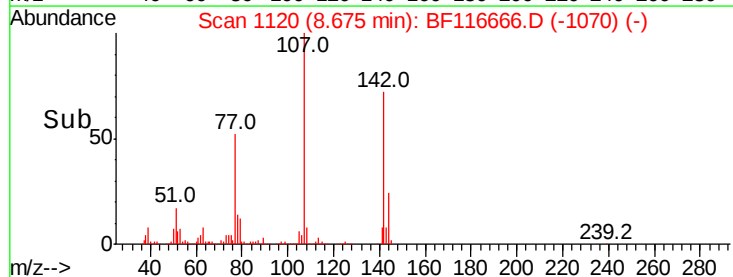
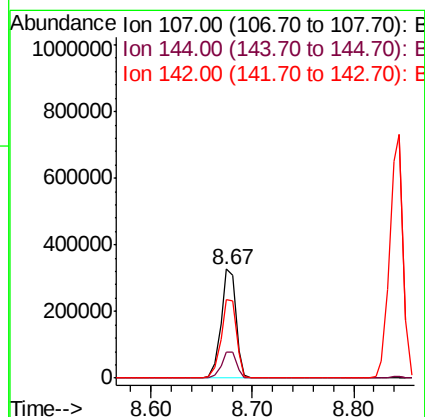
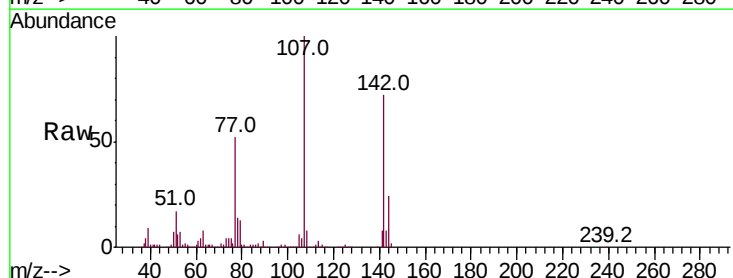
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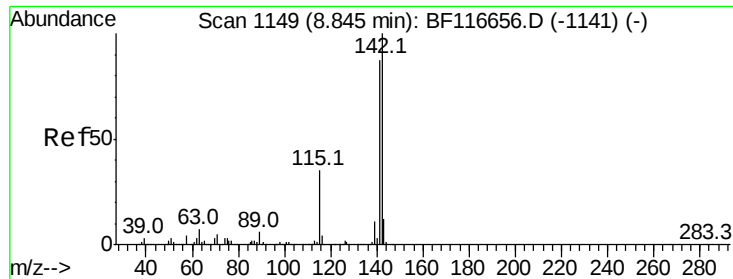
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 57.395 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.6	27.8
142	71.9	58.5	87.7





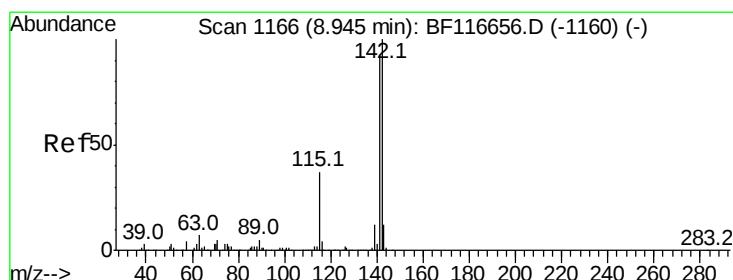
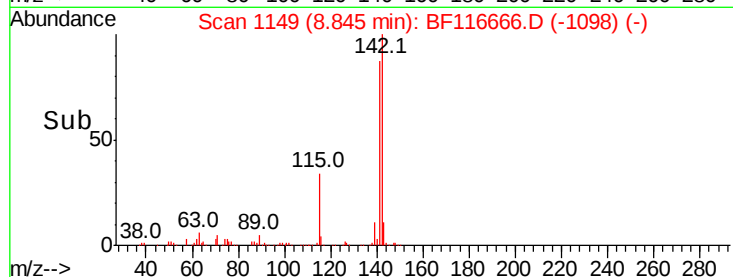
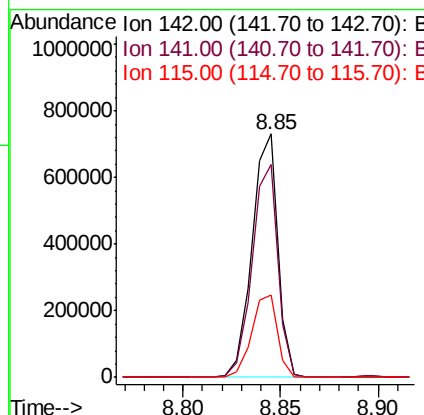
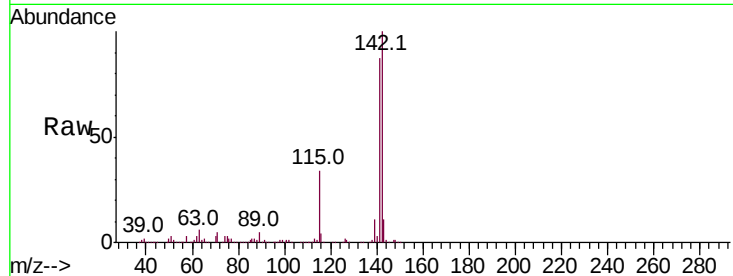
#37
2-Methylnaphthalene
Concen: 53.055 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	666729		
141	87.4		72.6	109.0
115	33.8		29.8	44.6

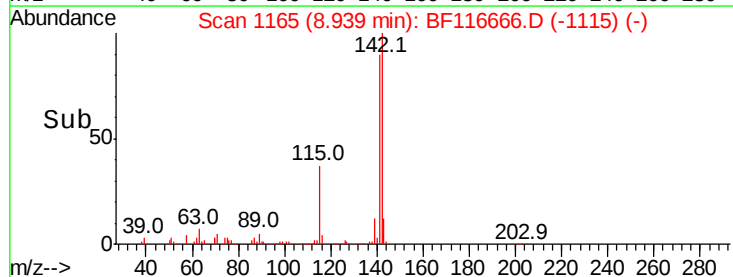
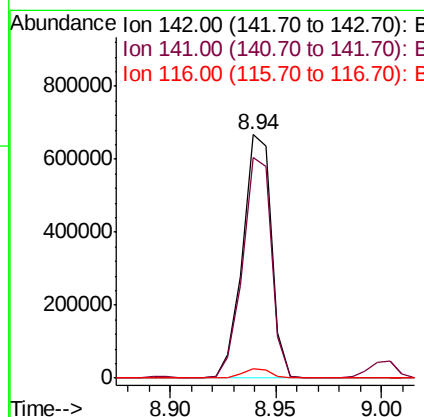
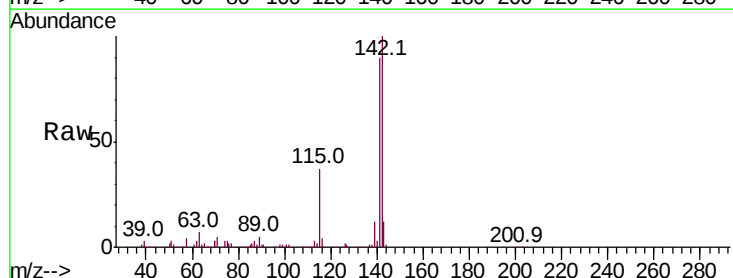
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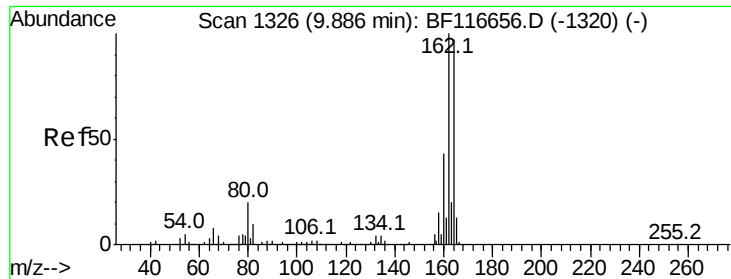
mohammad
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#38
1-Methylnaphthalene
Concen: 52.950 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	628149		
141	90.3		73.9	110.9
116	3.9		3.0	4.6





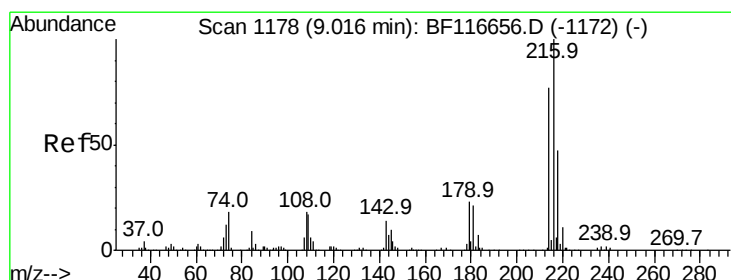
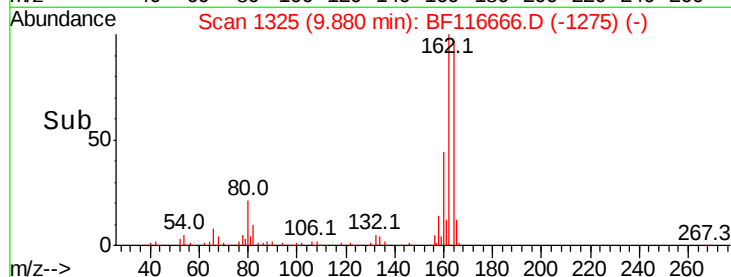
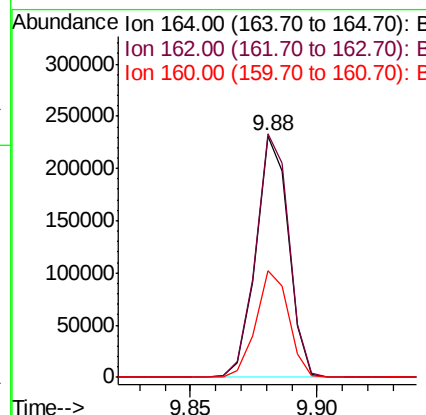
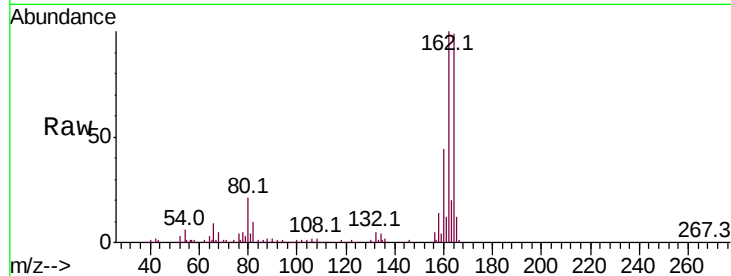
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	207799		
162	100.9	81.4	122.0	
160	44.0	35.4	53.2	

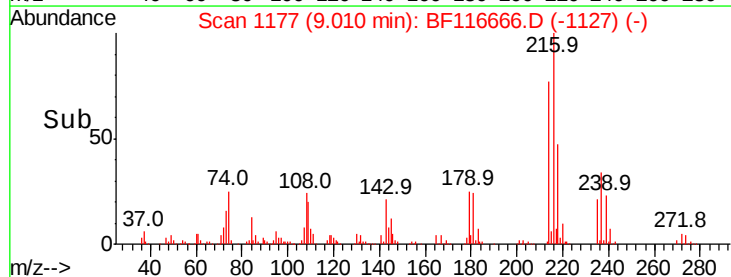
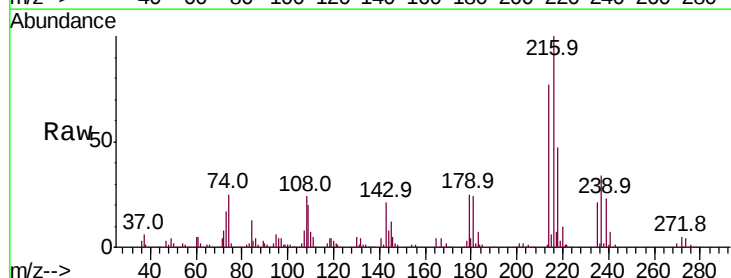
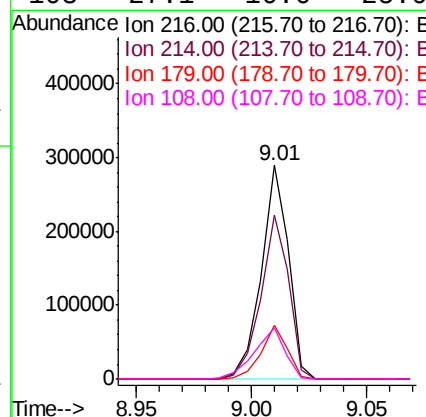
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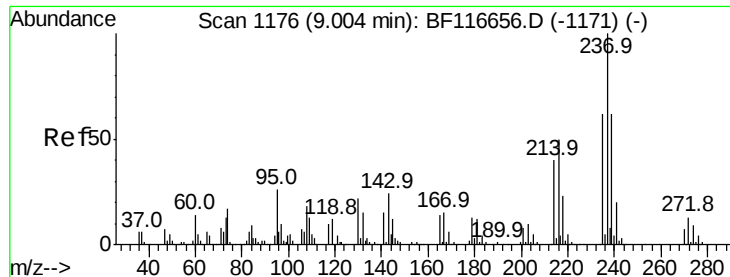
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.889 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	238552		
214	78.8	62.7	94.1	
179	24.2	19.3	28.9	
108	27.1	16.6	25.0	#





#41

Hexachlorocyclopentadiene

Concen: 98.364 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

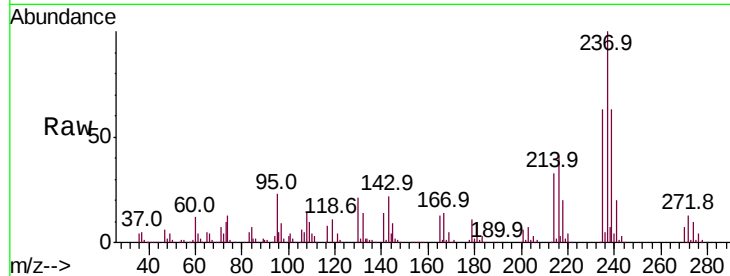
ClientSampleId :

SB-3-35-37MSD

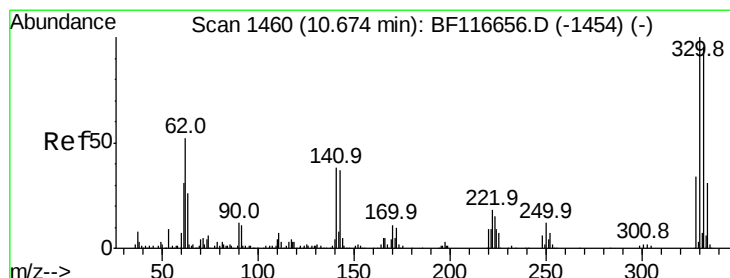
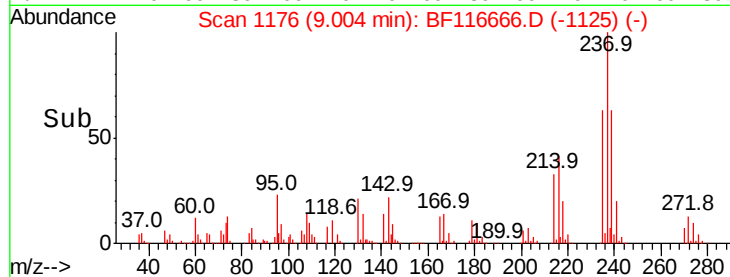
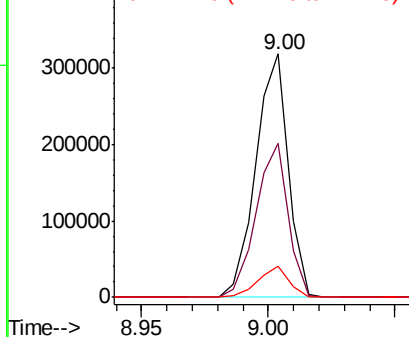
Tot Ion	Ratio	Resp	Lower	Upper
237	100	282951		
235	63.2	41.4	81.4	
272	12.7	0.0	32.8	

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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: 165.909 ng

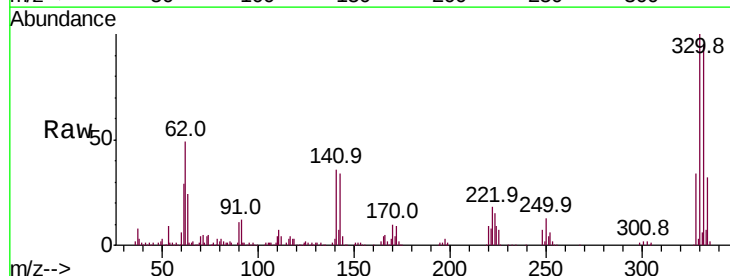
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

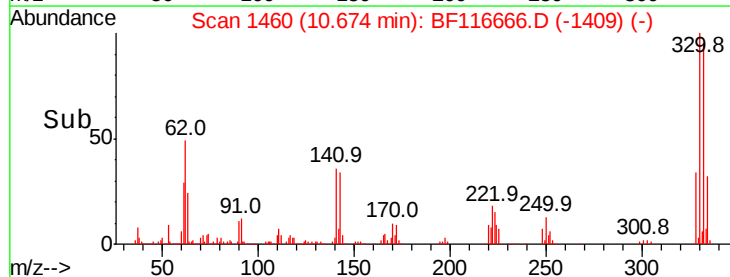
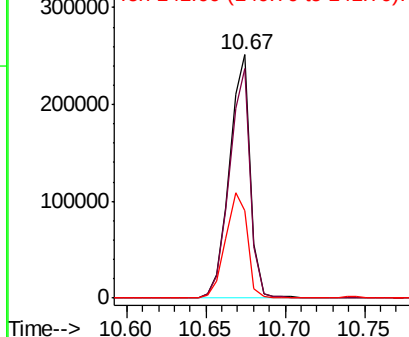
Lab File: BF116666.D

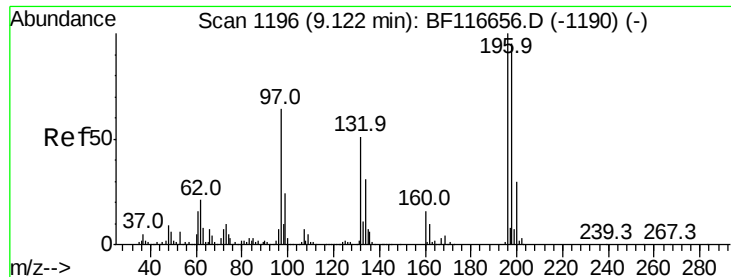
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230478		
332	94.5	76.9	115.3	
141	45.3	31.4	47.2	



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





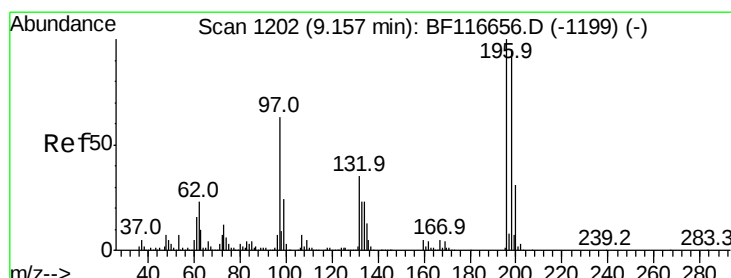
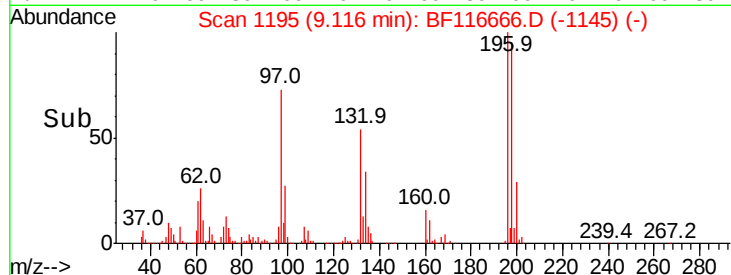
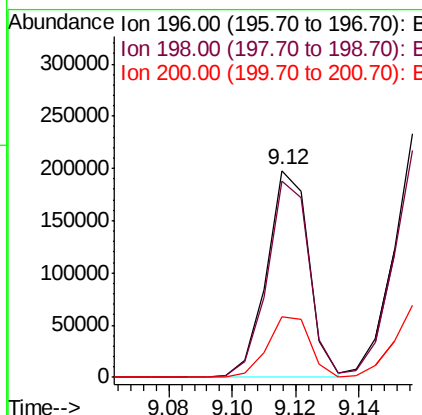
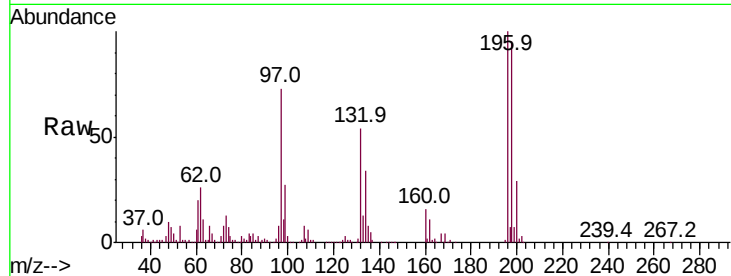
#43
 2,4,6-Trichlorophenol
 Concen: 53.371 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	182246		
198	94.9	79.1	118.7	
200	29.2	24.0	36.0	

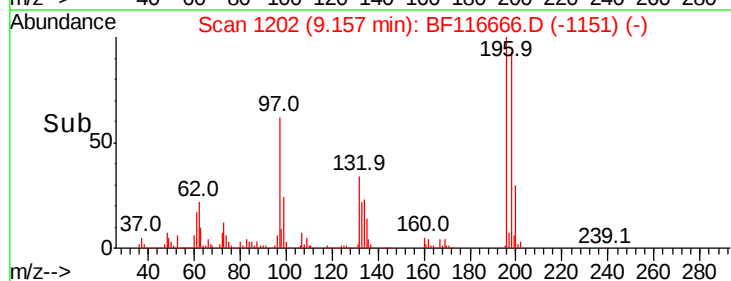
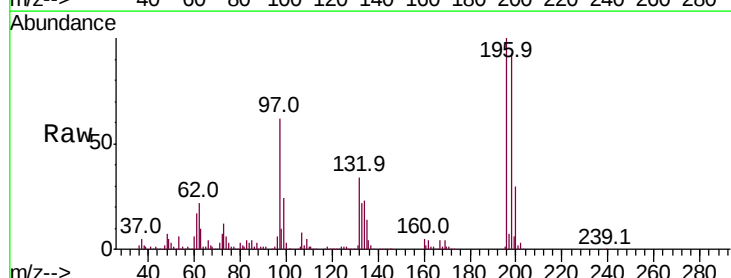
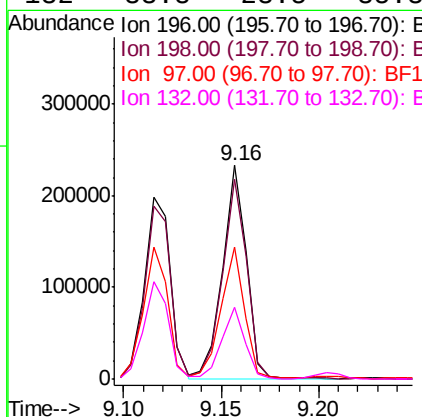
Manual Integrations
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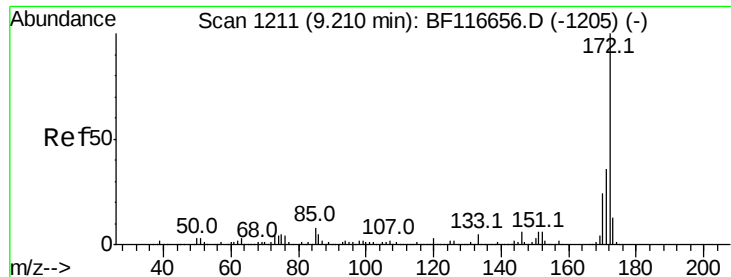
mohammad
 8/31/2019 2:45:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.912 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198210		
198	93.3	78.1	117.1	
97	61.9	41.6	62.4	
132	33.8	23.5	35.3	





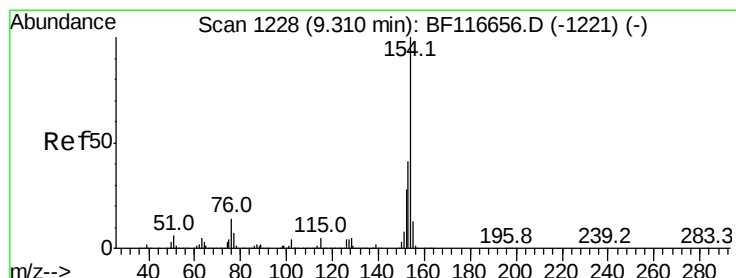
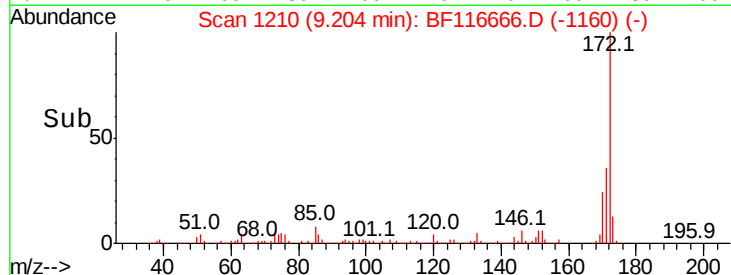
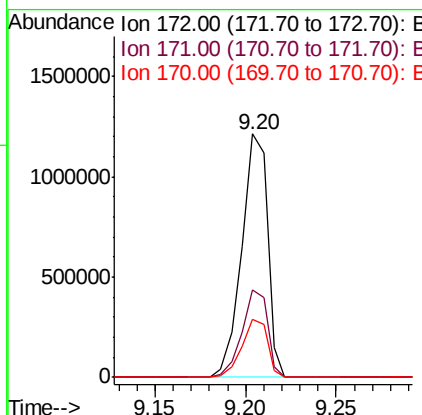
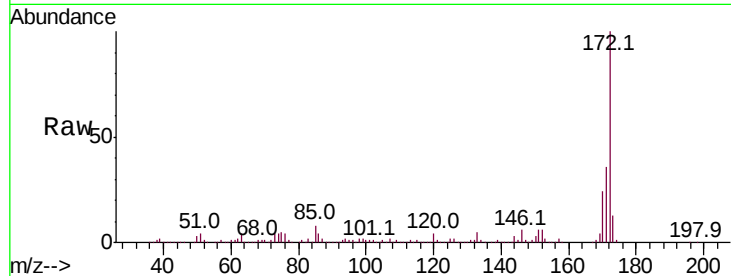
#45
2-Fluorobiphenyl
Concen: 97.642 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.7	18.9	28.3

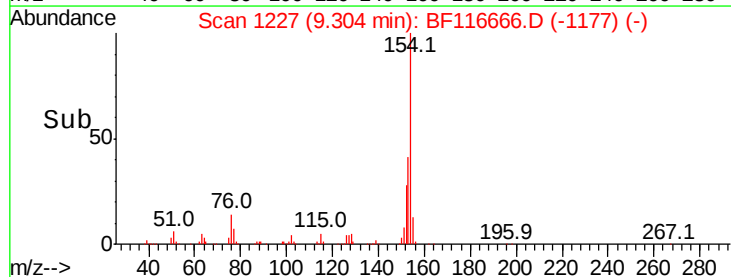
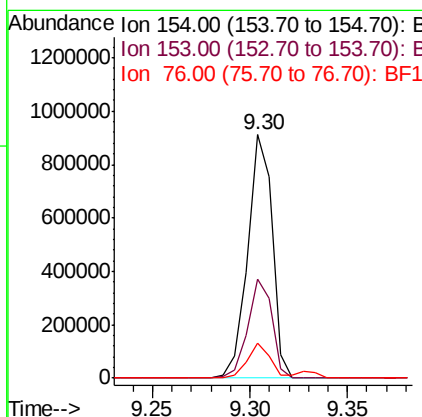
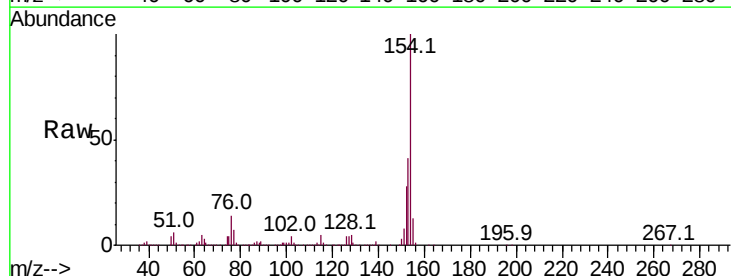
Manual Integrations
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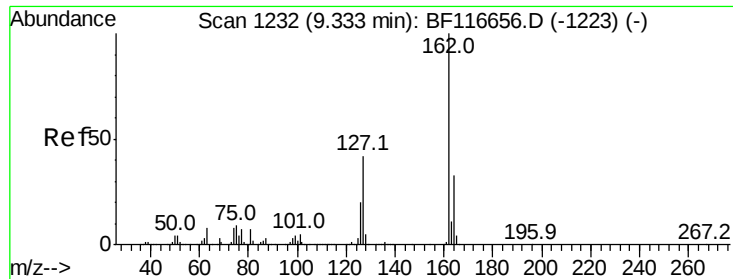
mohammad
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#46
1,1'-Biphenyl
Concen: 50.183 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	14.2	0.0	30.9





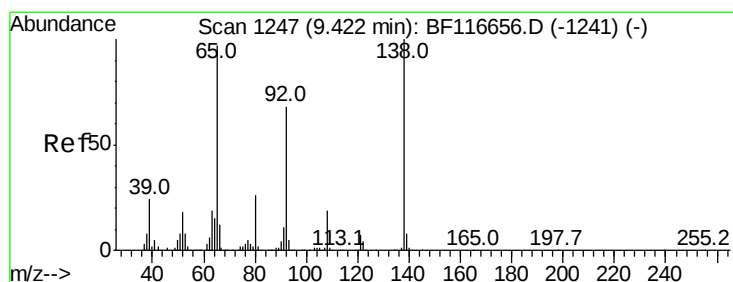
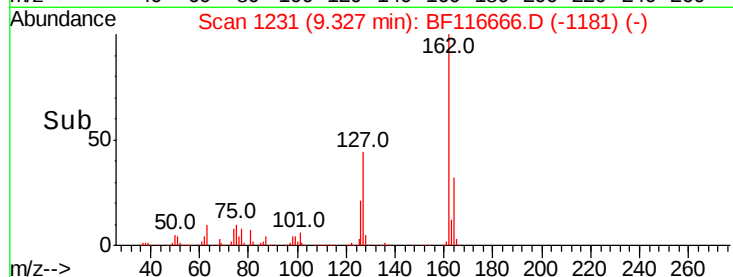
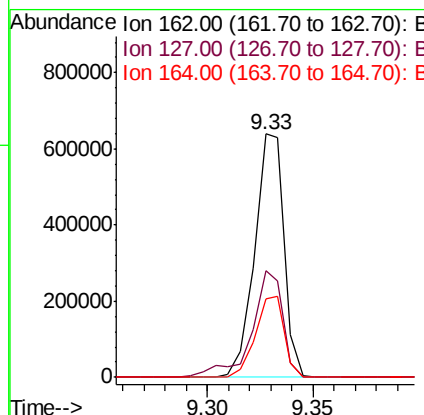
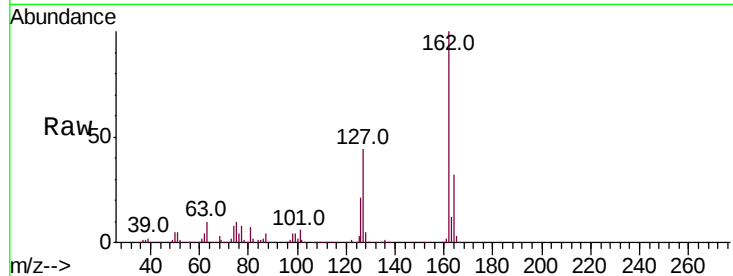
#47
2-Chloronaphthalene
Concen: 49.373 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	616618		
127	44.0	33.4	50.2	
164	32.4	26.6	39.8	

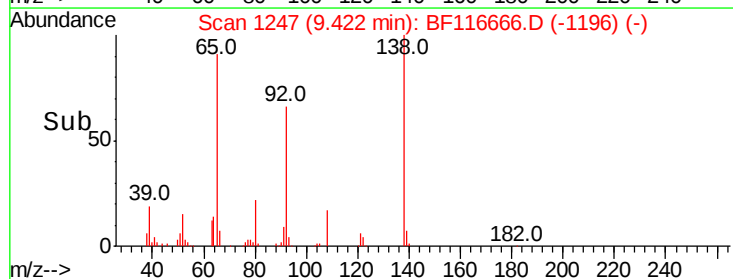
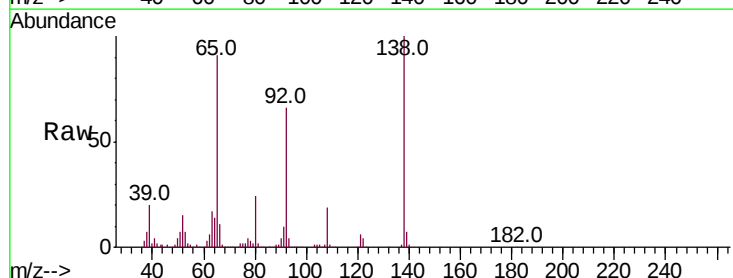
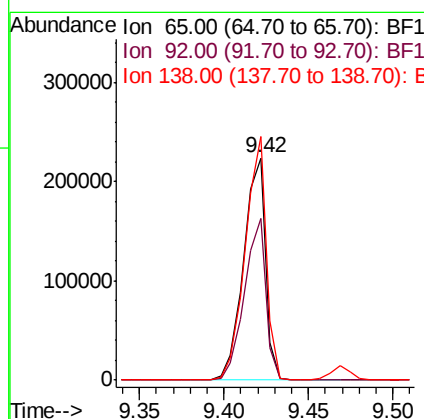
Manual Integrations
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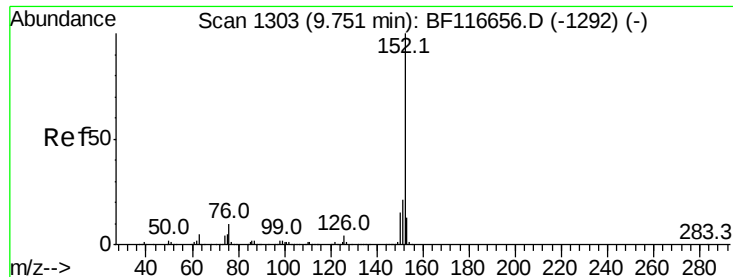
mohammad
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#48
2-Nitroaniline
Concen: 56.434 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	203759		
92	72.8	57.1	85.7	
138	109.6	88.2	132.2	





#49

Acenaphthylene

Concen: 52.789 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

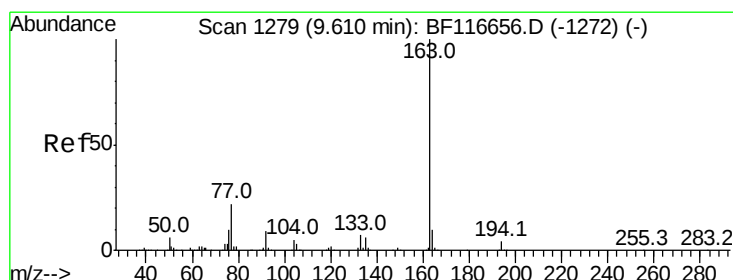
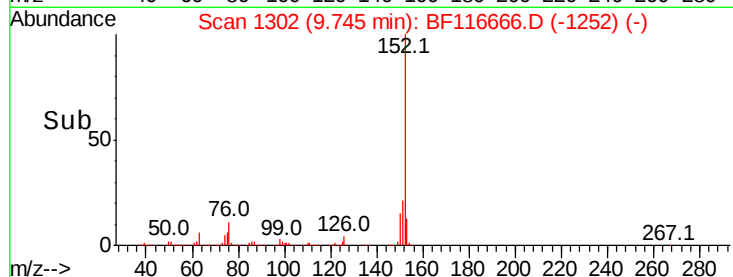
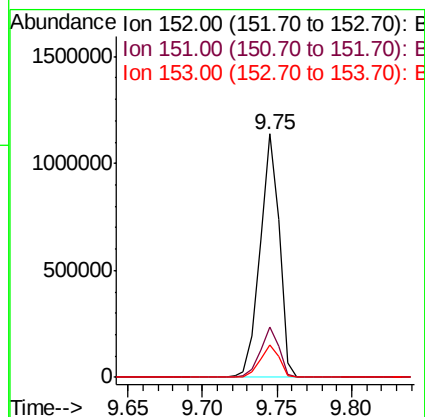
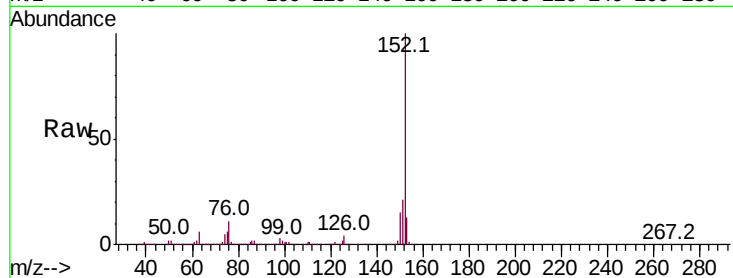
ClientSampleId :

SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	996574		
151	20.5		15.9	23.9
153	13.3		10.9	16.3

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#50

Dimethylphthalate

Concen: 59.541 ng

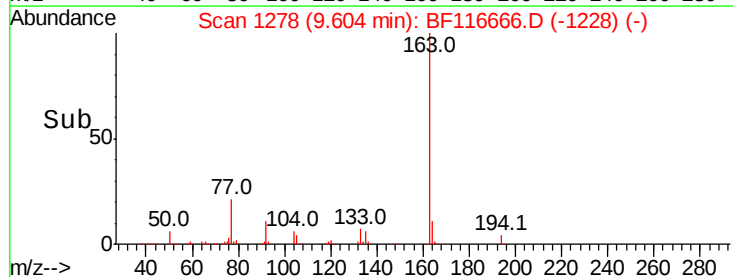
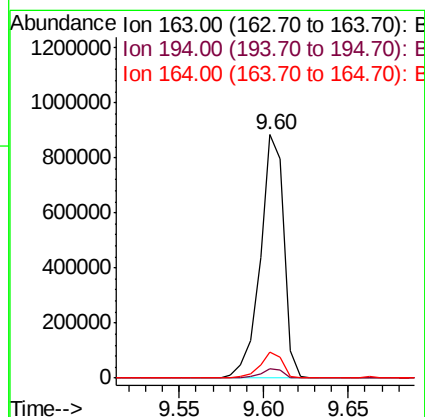
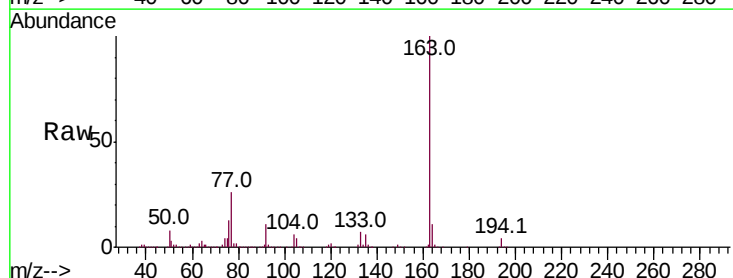
RT: 9.60 min Scan# 1278

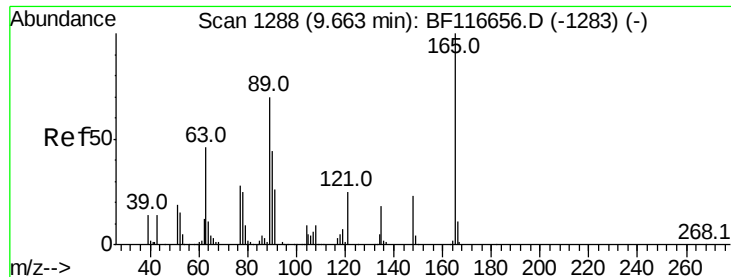
Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	854193		
194	3.7		2.8	4.2
164	10.8		8.6	12.8





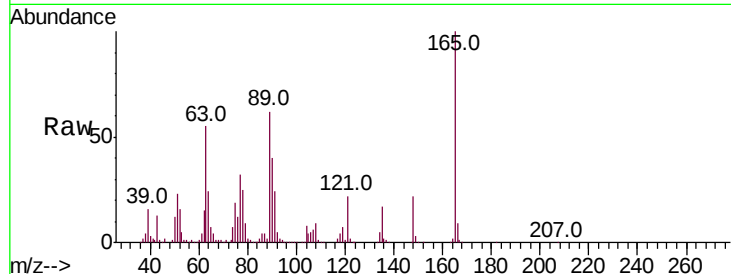
#51
2,6-Dinitrotoluene
Concen: 60.350 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

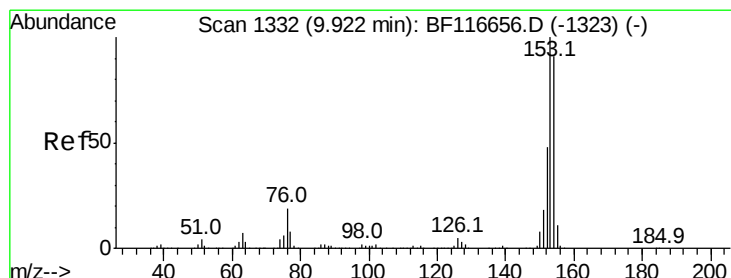
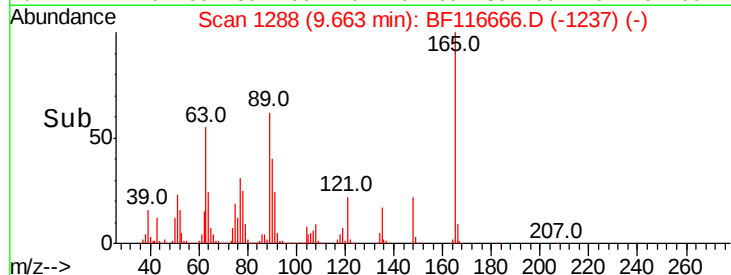
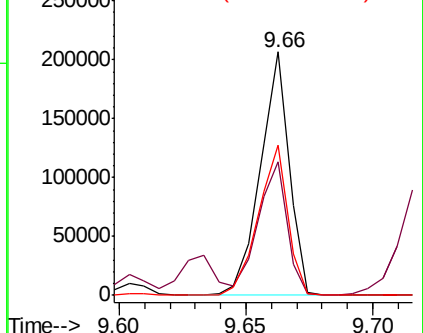
Tot Ion	Ratio	Resp	Lower	Upper
165	100	165188		
63	54.7	47.3	70.9	
89	61.9	52.5	78.7	

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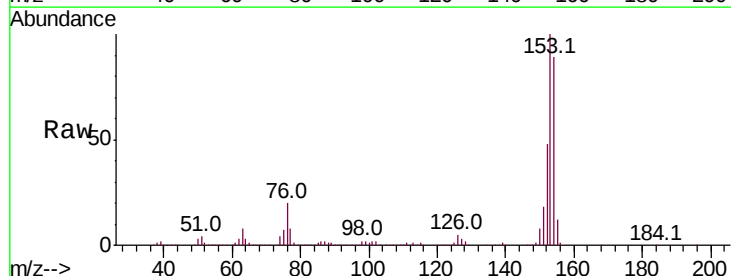


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

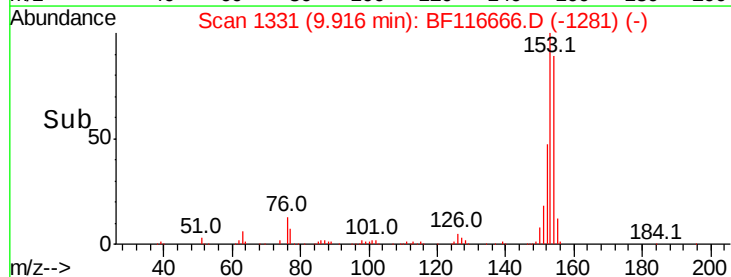
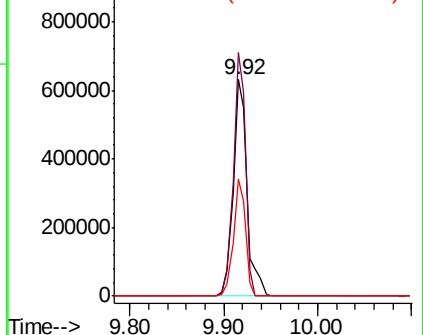


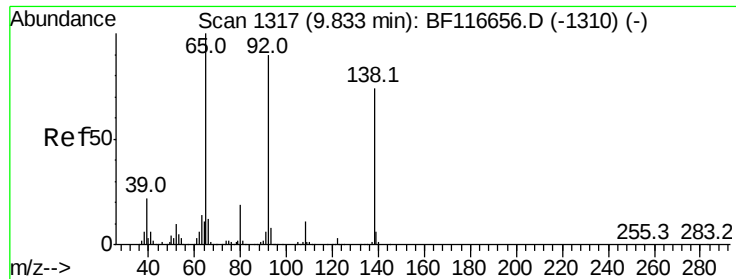
#52
Acenaphthene
Concen: 55.222 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	640551		
153	112.6	89.5	134.3	
152	54.0	41.9	62.9	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





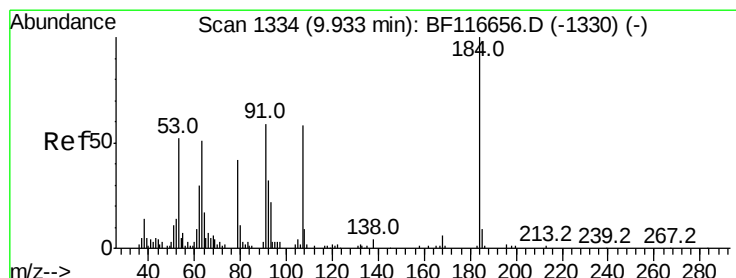
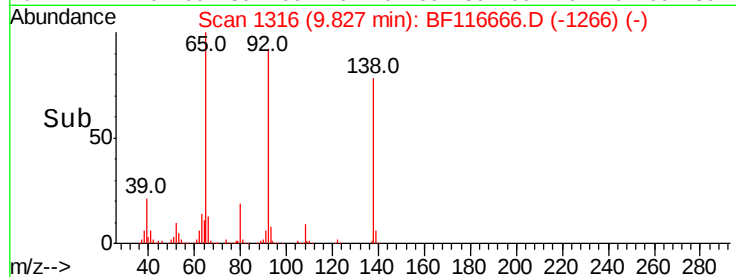
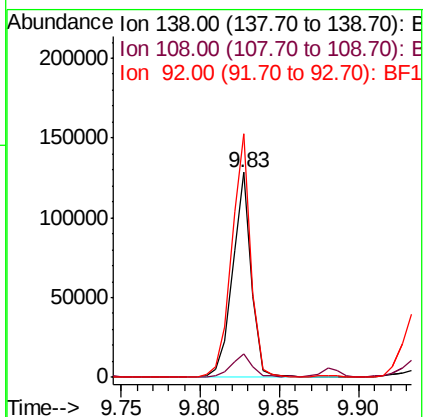
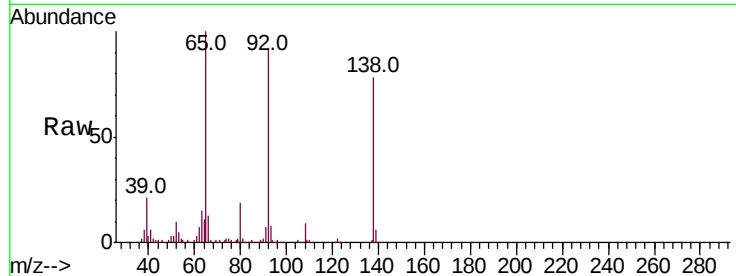
#53
3-Nitroaniline
Concen: 30.406 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.3	8.5	12.7	
92	118.7	87.2	130.8	

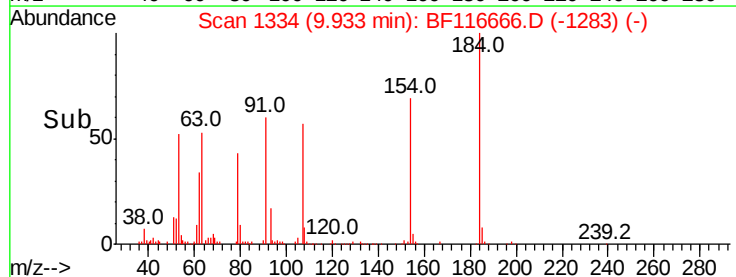
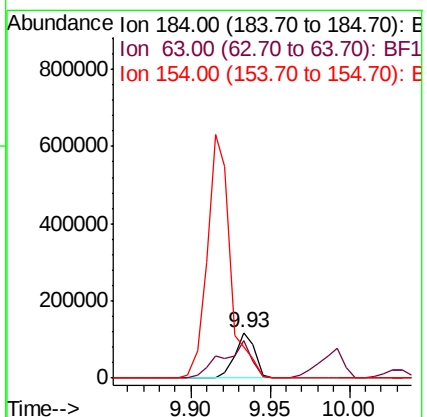
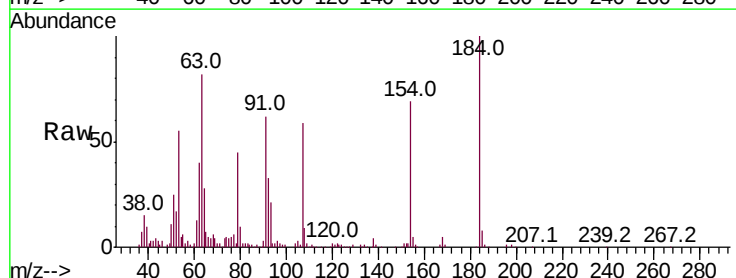
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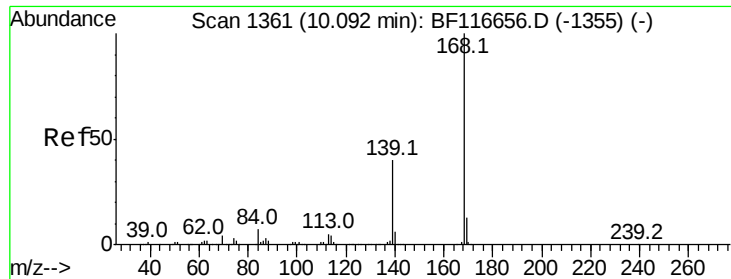
mohammad
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#54
2,4-Dinitrophenol
Concen: 102.924 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	81.8	52.2	78.2#	
154	68.7	60.8	91.2	





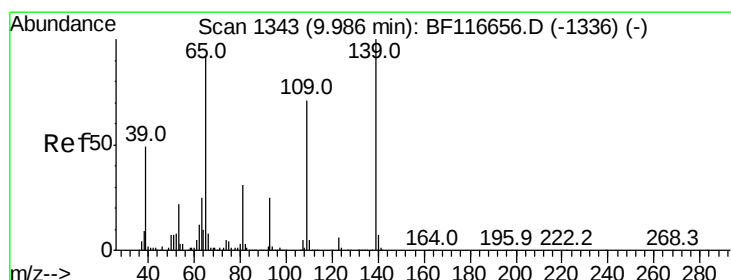
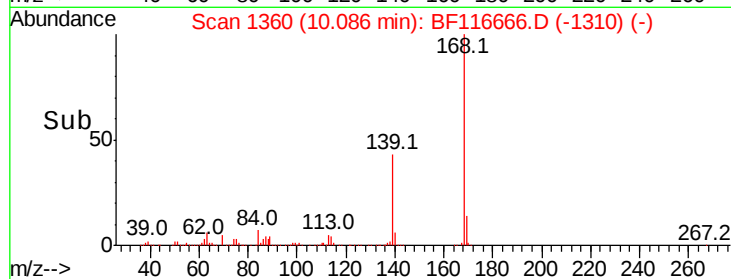
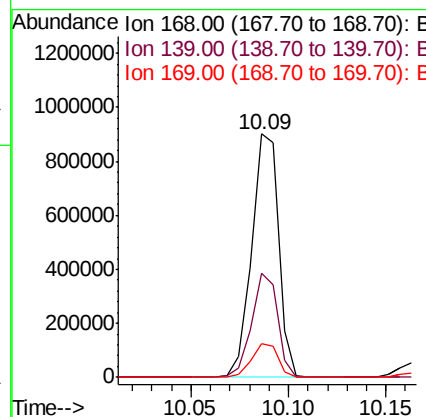
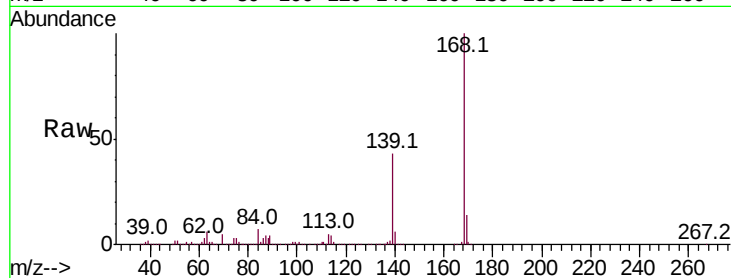
#55
Dibenzofuran
Concen: 52.712 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	861962		
139	42.6		31.5	47.3
169	13.9		10.3	15.5

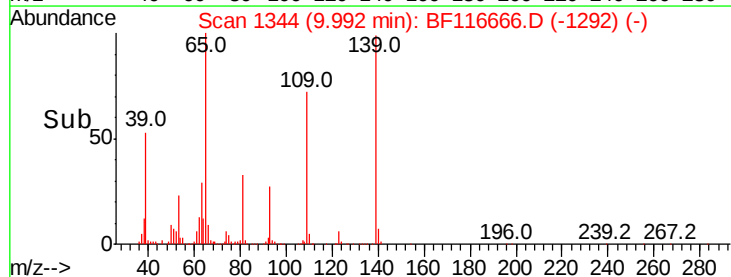
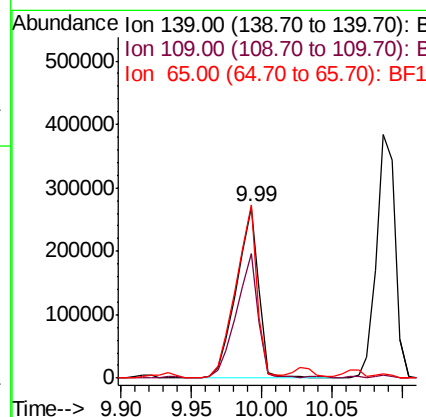
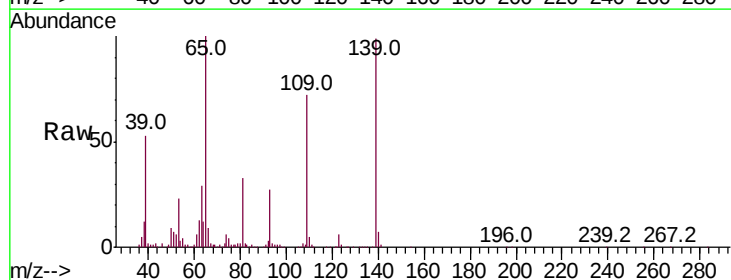
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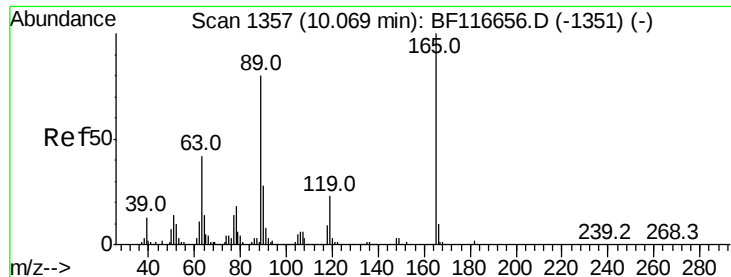
mohammad
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#56
4-Nitrophenol
Concen: 126.328 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	297130		
109	72.9		61.7	101.7
65	101.4		89.1	129.1





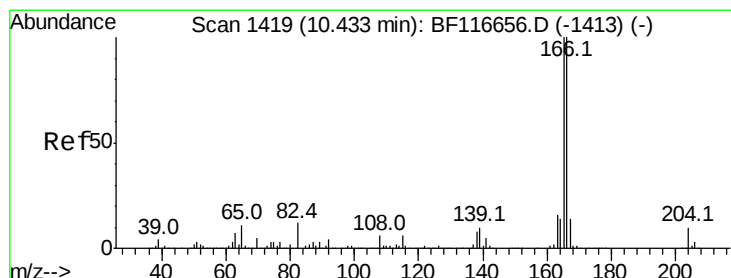
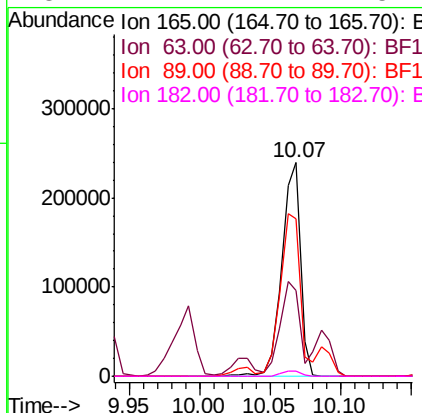
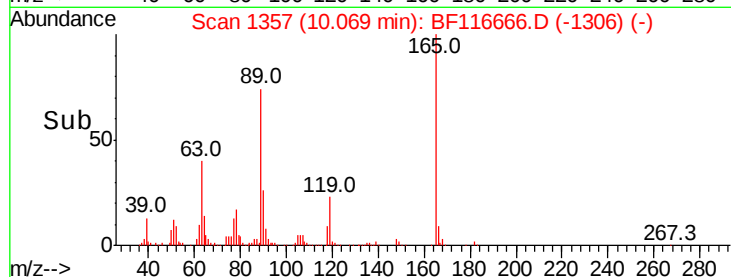
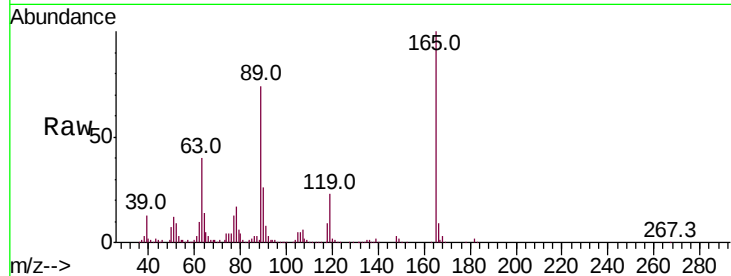
#57
2,4-Dinitrotoluene
Concen: 65.740 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	220027		
63	40.0	36.4	54.6	
89	74.0	62.6	94.0	
182	2.2	2.1	3.1	

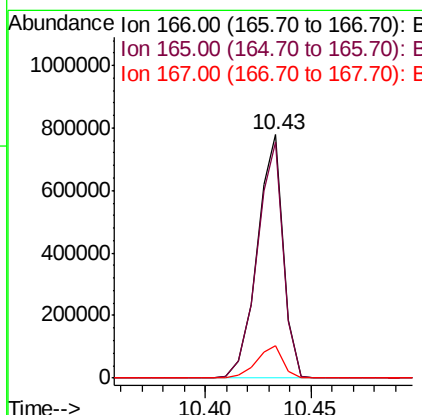
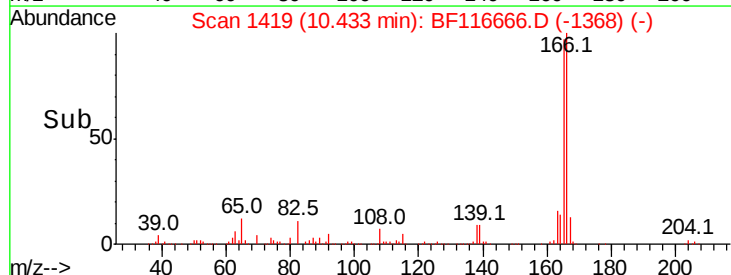
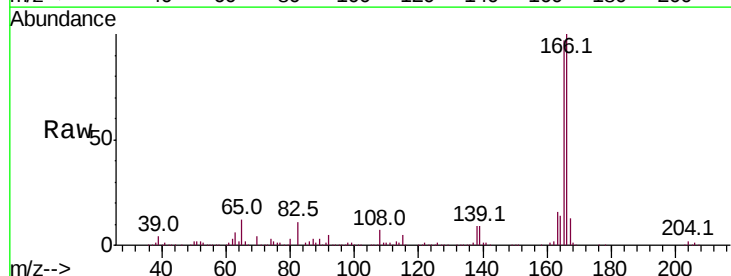
Manual Integrations
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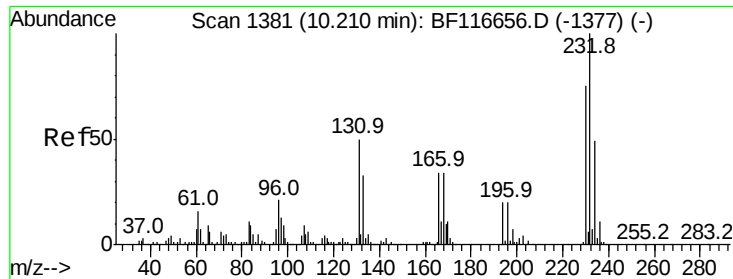
mohammad
8/31/2019 2:45:25 PM



#58
Fluorene
Concen: 53.471 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	666229		
165	97.1	78.8	118.2	
167	13.3	10.0	15.0	





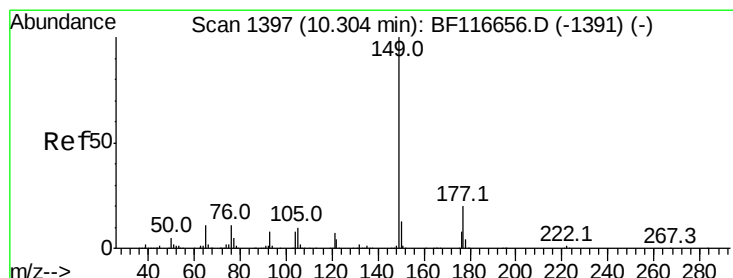
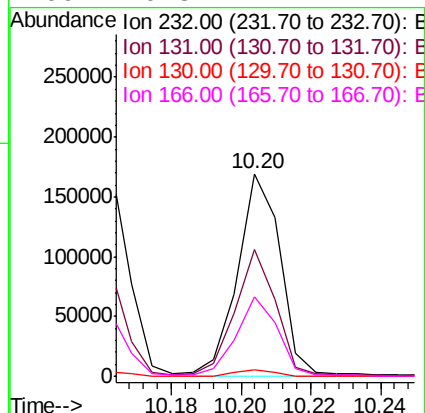
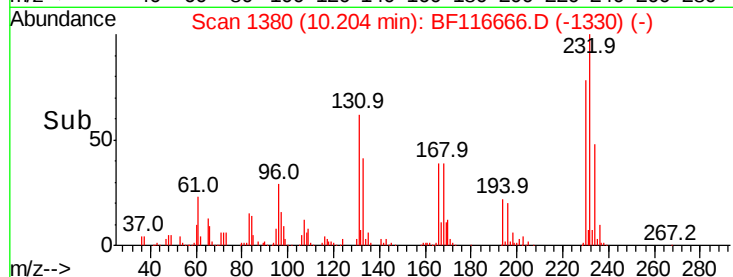
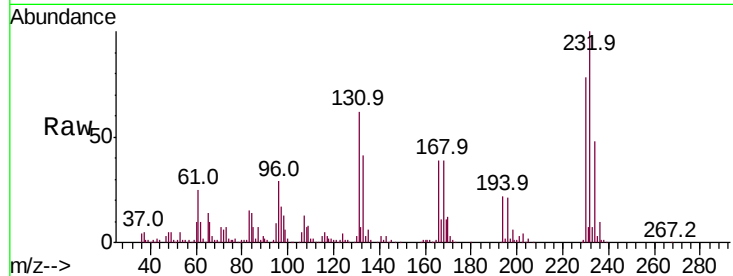
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.475 ng/ml
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	144492		
131	51.6	42.7	64.1	
130	2.7	1.9	2.9	
166	29.8	27.4	41.2	

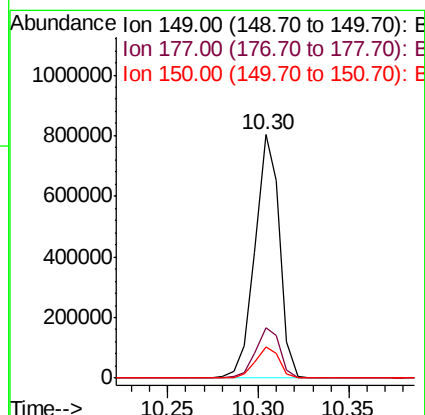
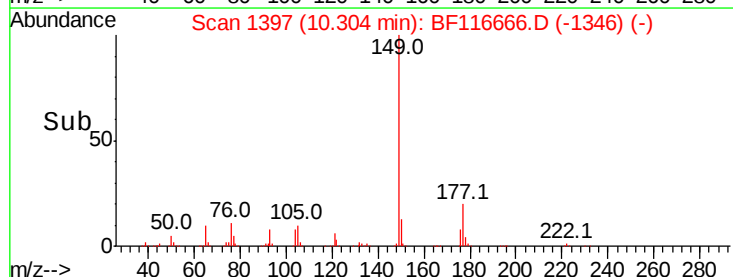
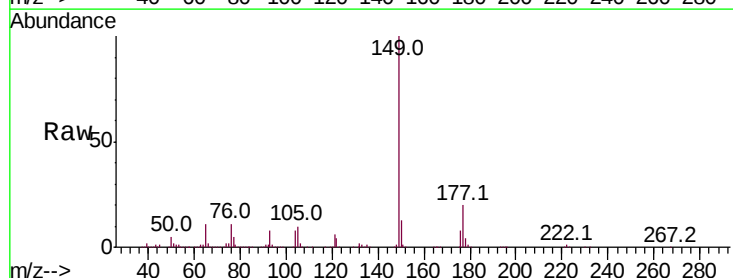
Manual Integrations
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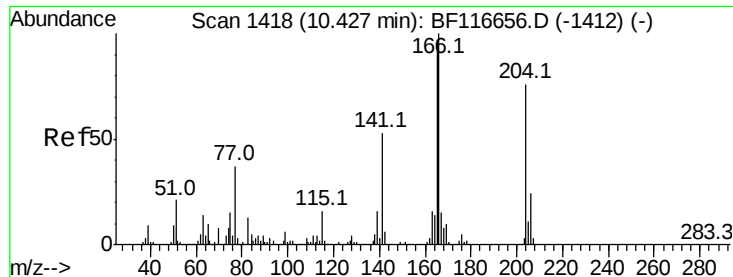
mohammad
8/31/2019 2:45:25 PM



#60
Diethylphthalate
Concen: 52.319 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	751861		
177	20.5	17.2	25.8	
150	12.6	9.7	14.5	





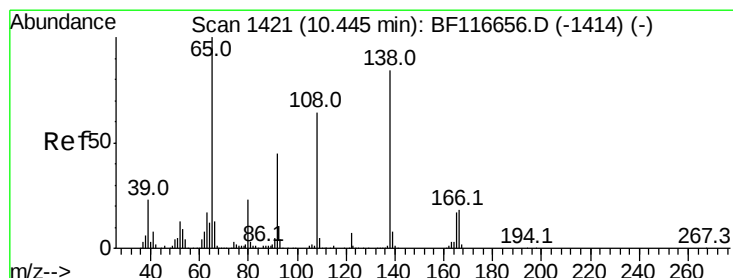
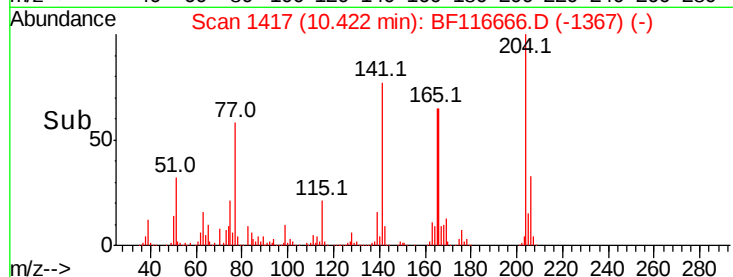
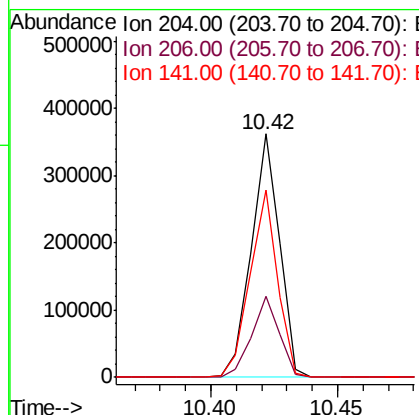
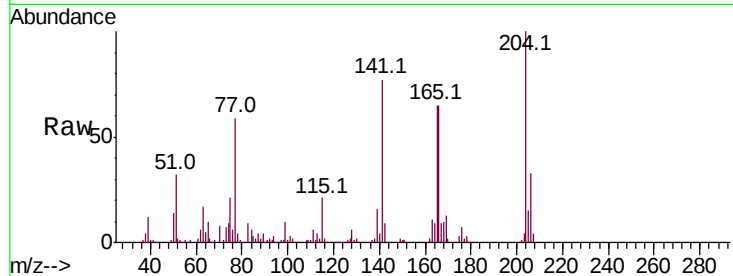
#61
4-Chlorophenyl-phenylether
Concen: 51.476 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.1	25.4	38.2
141	77.1	53.8	80.8

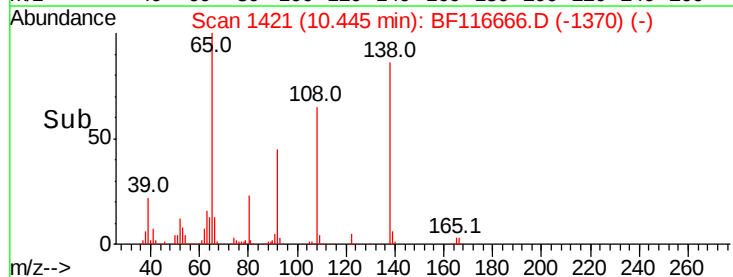
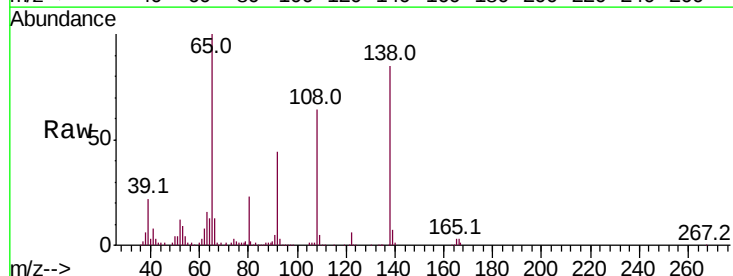
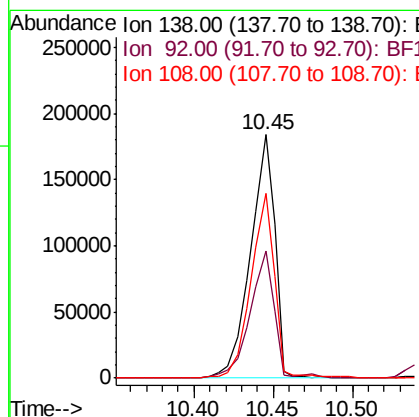
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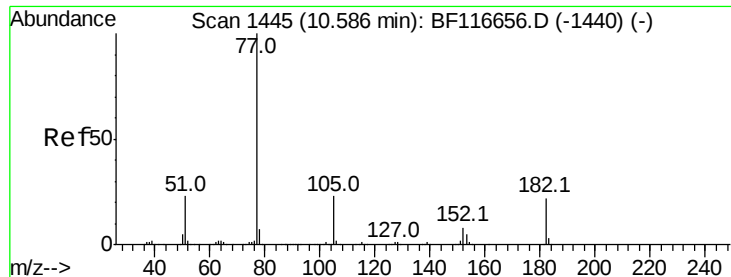
mohammad
8/31/2019 2:45:25 PM



#62
4-Nitroaniline
Concen: 59.034 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	52.2	28.7	68.7
108	75.8	60.4	100.4





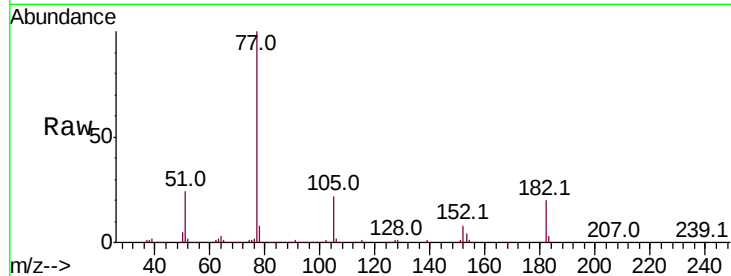
#63
Azobenzene
Concen: 54.047 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampled :
SB-3-35-37MSD

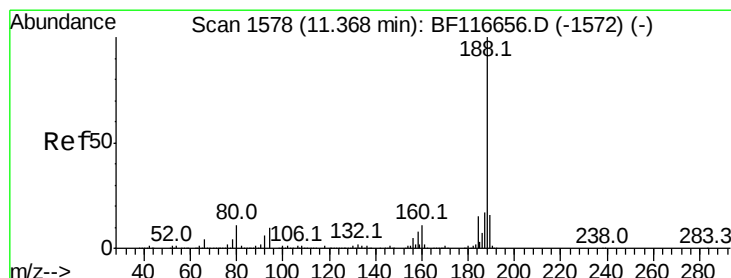
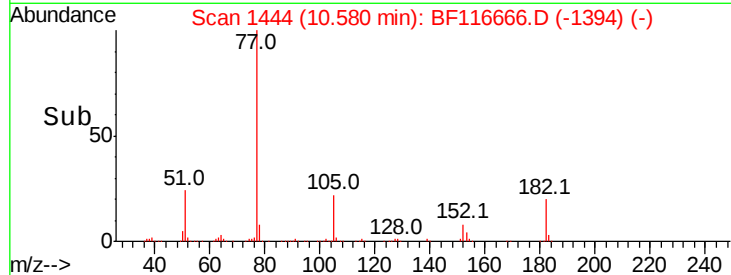
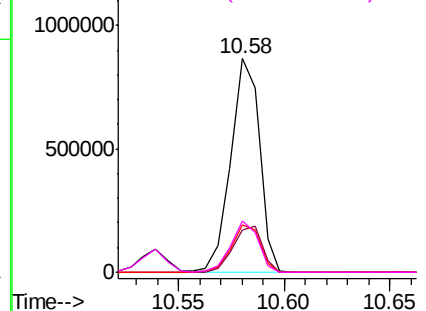
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		809871		
182	19.6	1.2	41.2		
105	22.0	0.6	40.6		
51	23.7	8.2	48.2		

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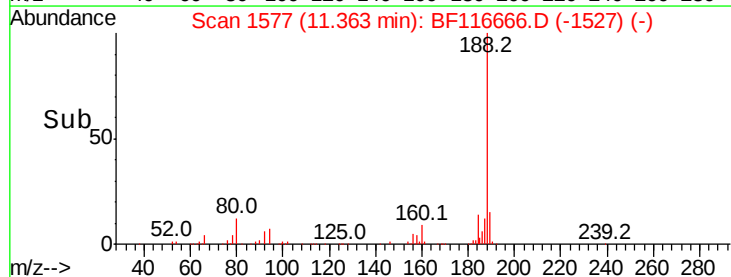
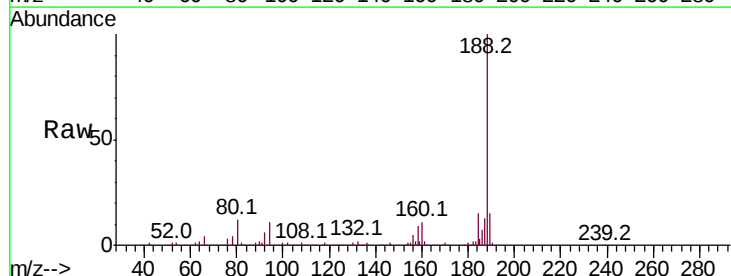
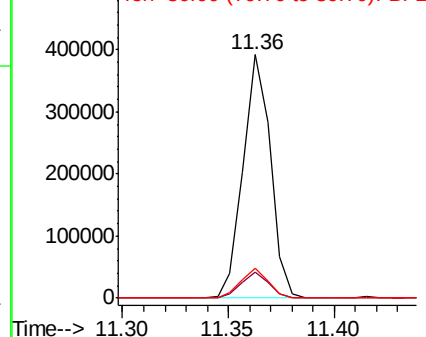
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

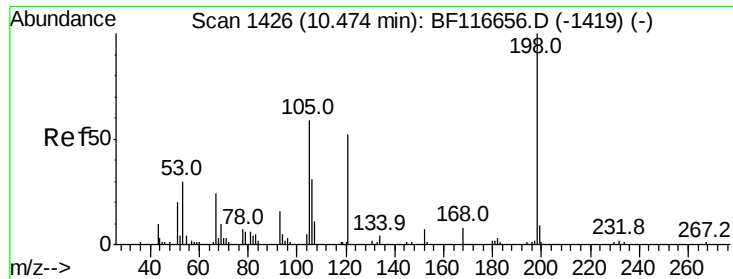


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		351458		
94	10.7	7.3	10.9		
80	12.1	8.4	12.6		

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





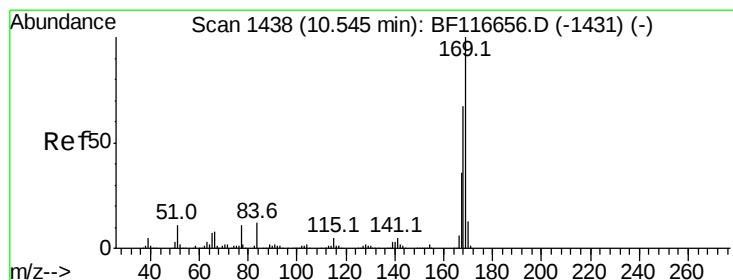
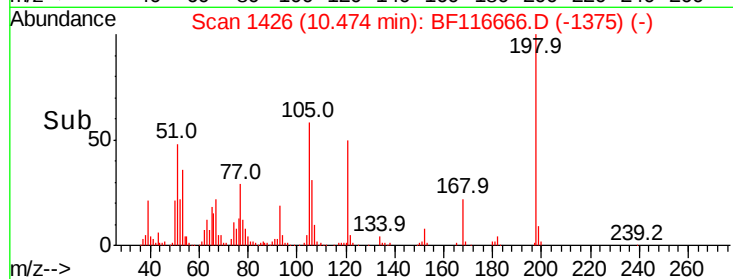
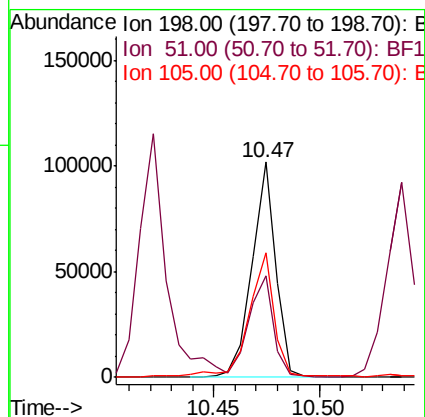
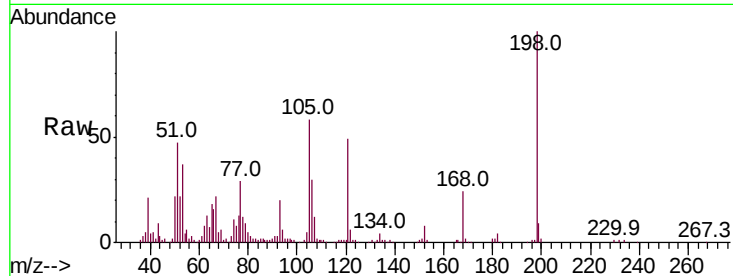
#65
4,6-Dinitro-2-methylphenol
Concen: 59.856 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	80297		
51	47.2		18.4	58.4
105	58.1		22.9	62.9

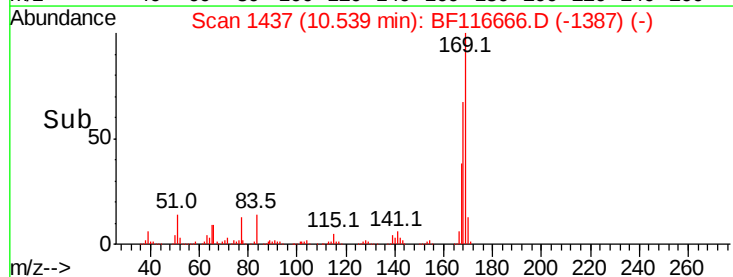
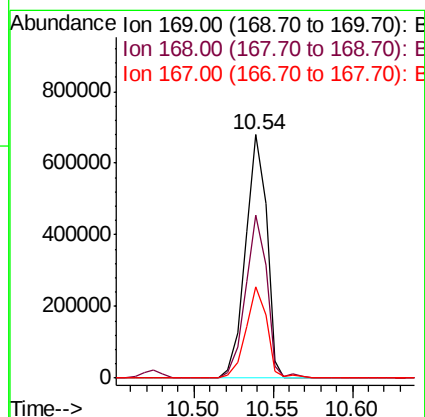
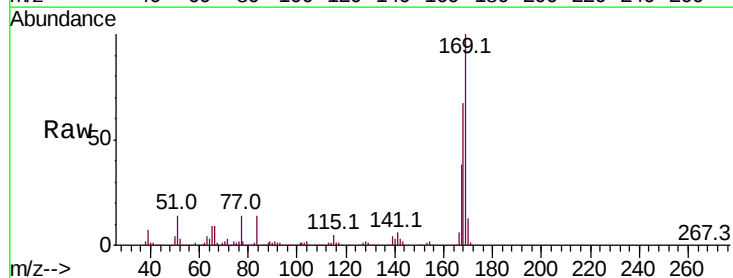
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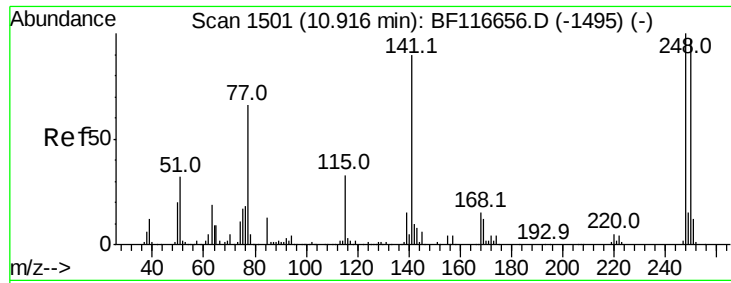
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 51.689 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	628438		
168	66.9		55.8	83.6
167	37.5		29.4	44.2





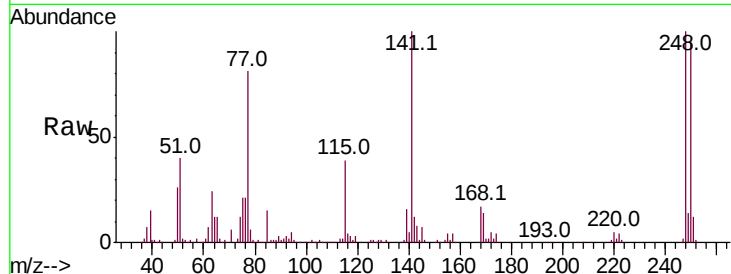
#67
4-Bromophenyl-phenylether
Concen: 48.867 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.8	116.8
141	99.9	75.9	113.9

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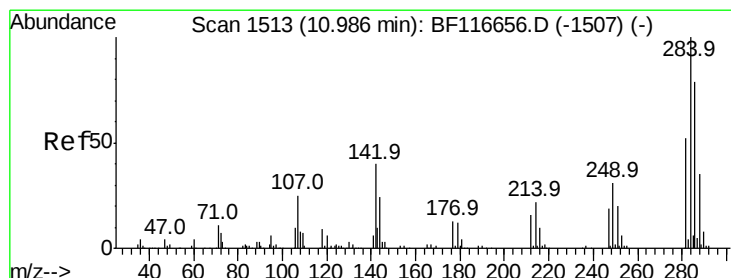
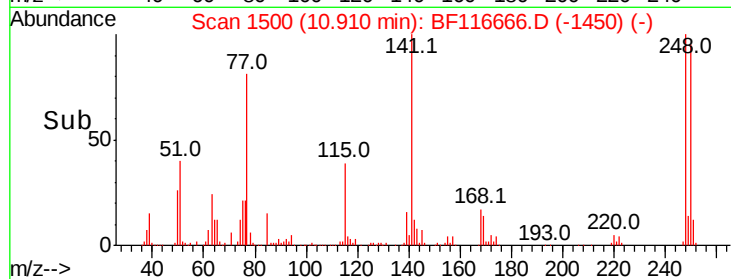
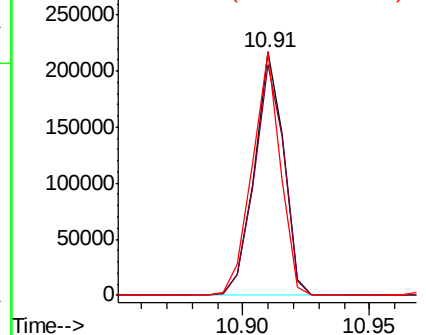


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.344 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

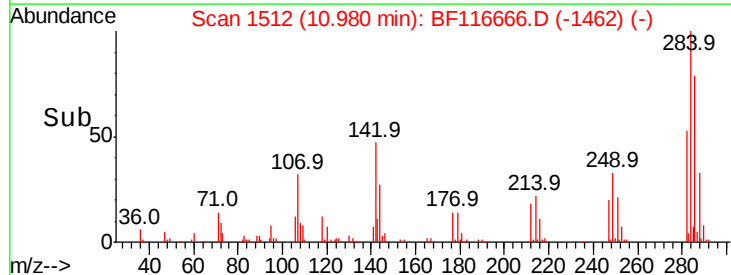
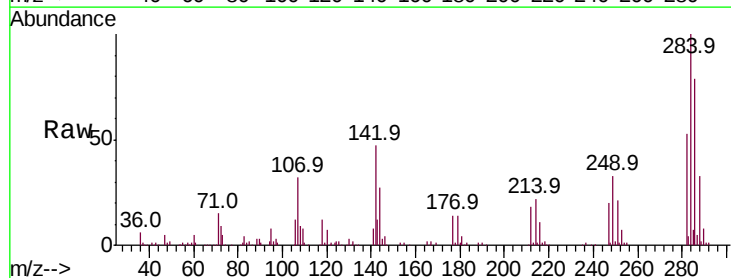
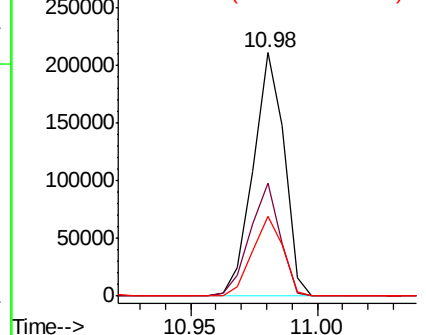
Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.5	34.0	51.0
249	33.0	26.4	39.6

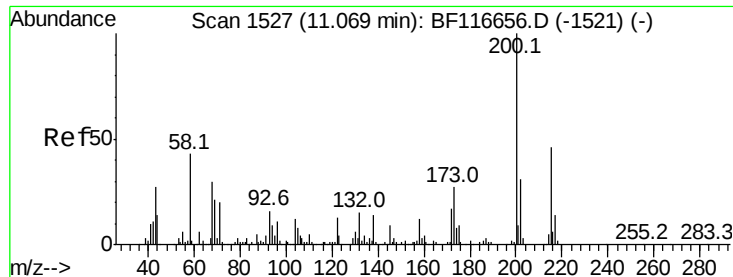
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





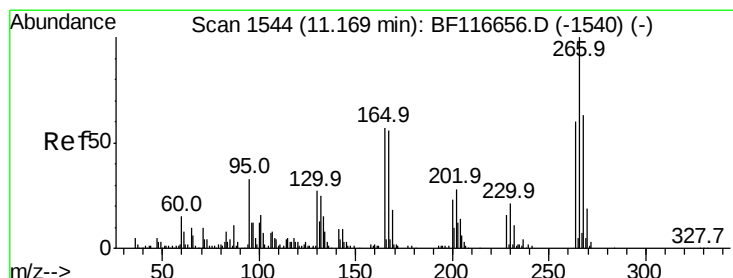
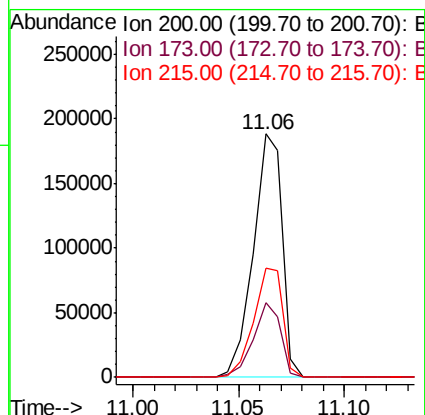
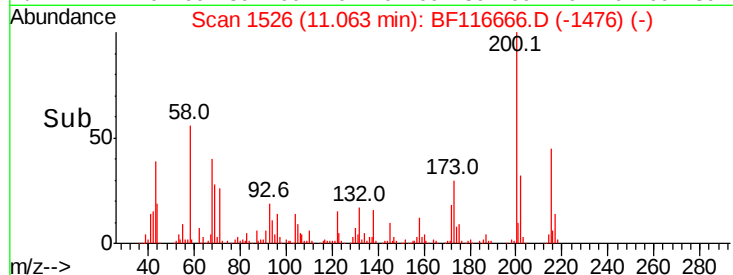
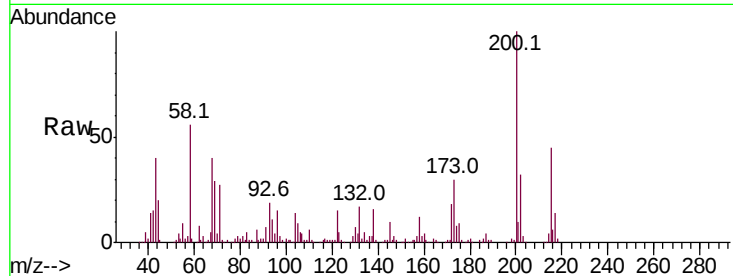
#69
Atrazine
Concen: 52.828 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion:200	Resp:	179887
Ion Ratio	Lower	Upper
200 100		
173 30.5	6.2	46.2
215 45.0	24.3	64.3

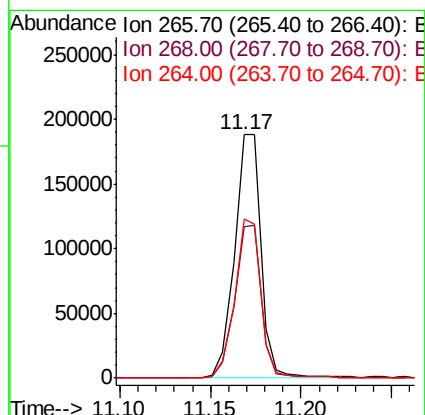
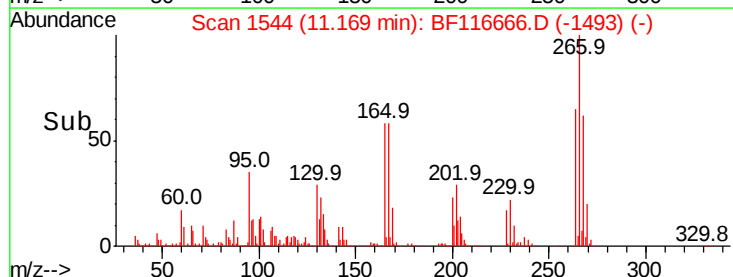
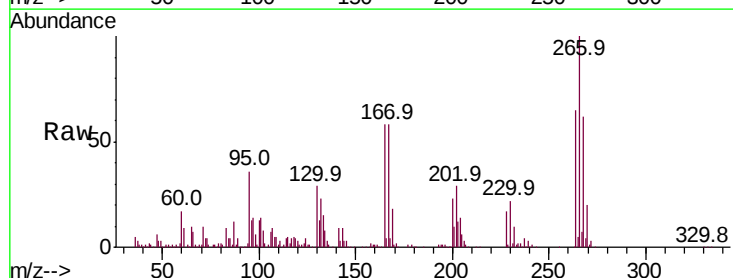
Manual Integrations
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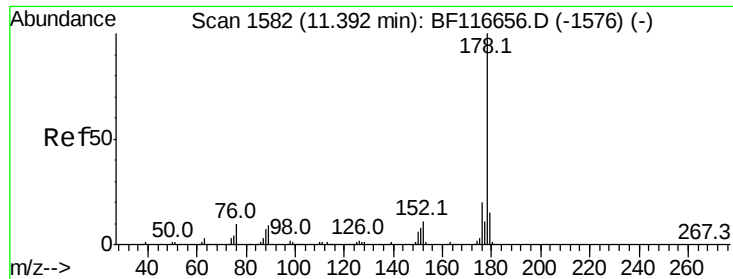
mohammad
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#70
Pentachlorophenol
Concen: 105.860 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion:266	Resp:	191293
Ion Ratio	Lower	Upper
266 100		
268 62.2	51.2	76.8
264 65.4	51.9	77.9





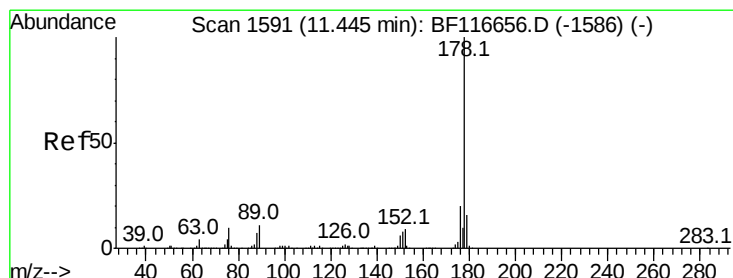
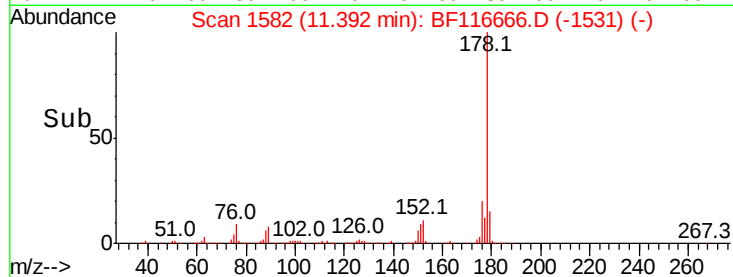
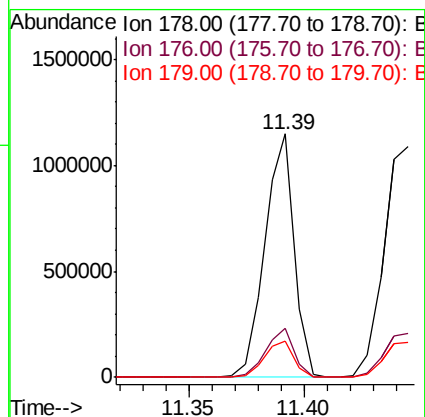
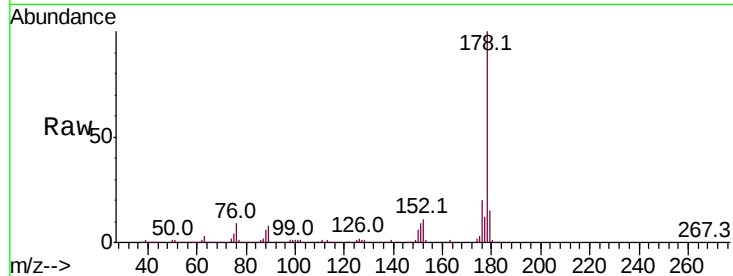
#71
Phenanthrene
Concen: 51.716 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	15.1	12.2	18.2

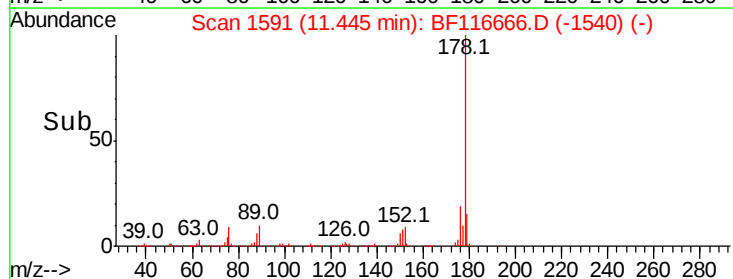
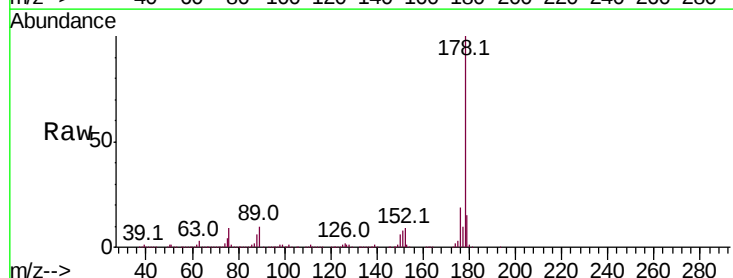
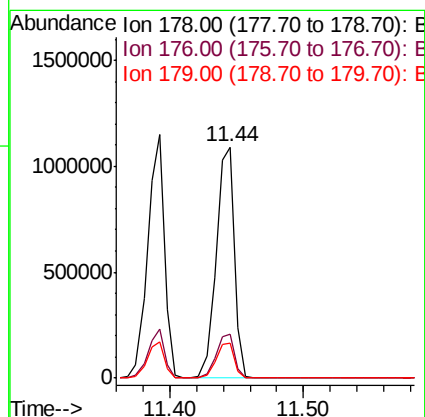
Manual Integrations
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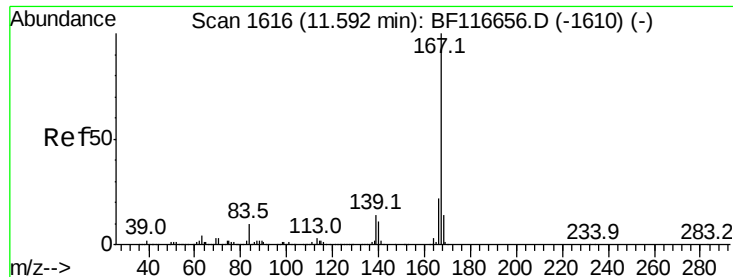
mohammad
8/31/2019 2:45:25 PM



#72
Anthracene
Concen: 53.098 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.5	18.7





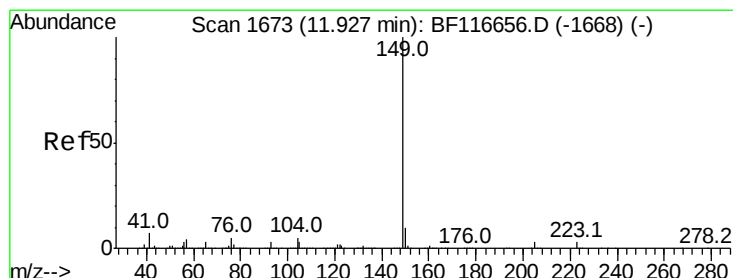
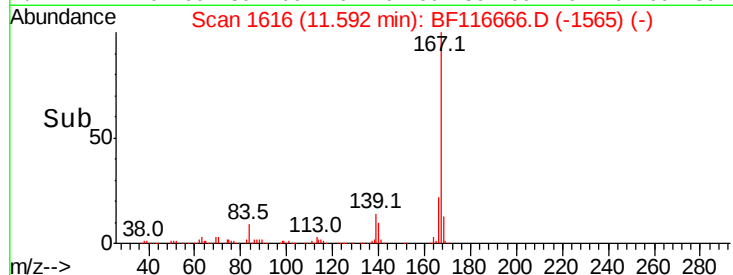
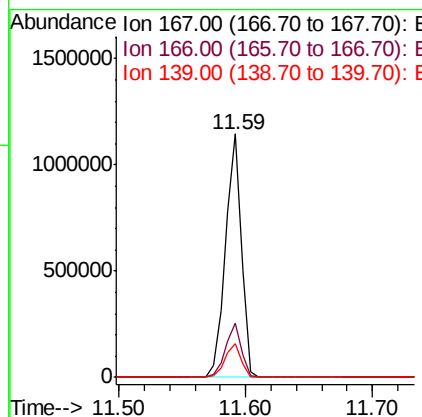
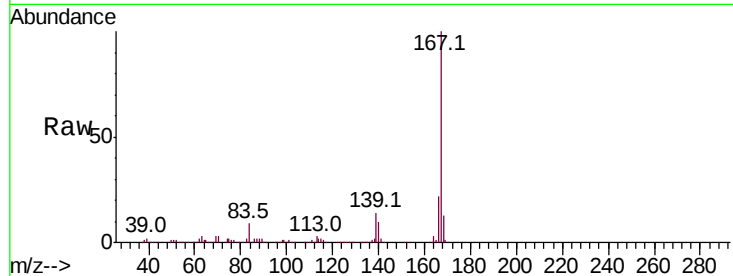
#73
 Carbazole
 Concen: 53.551 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.9	11.1	16.7

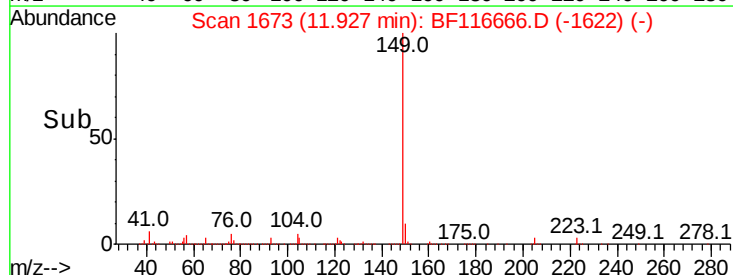
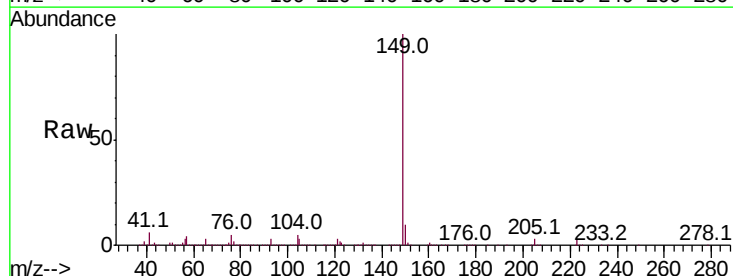
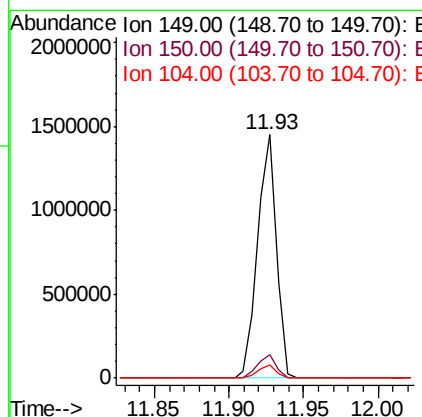
Manual Integrations
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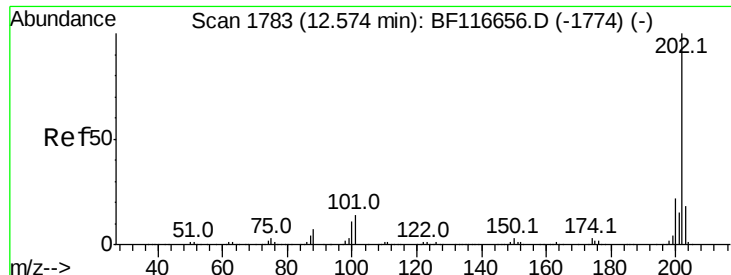
mohammad
 8/31/2019 2:45:25 PM



#74
 Di-n-butylphthalate
 Concen: 52.167 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.2	4.2	6.2





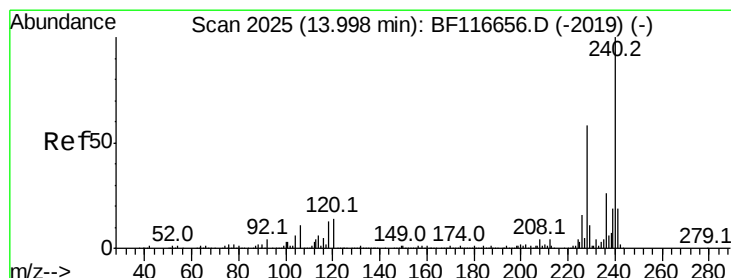
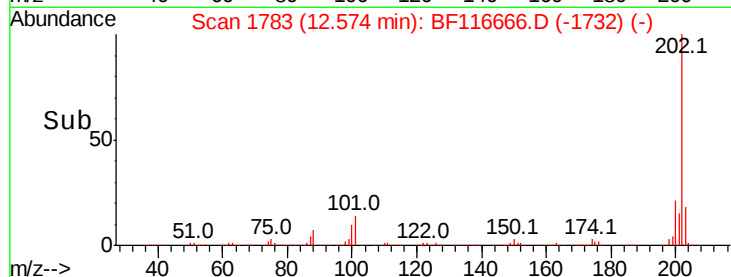
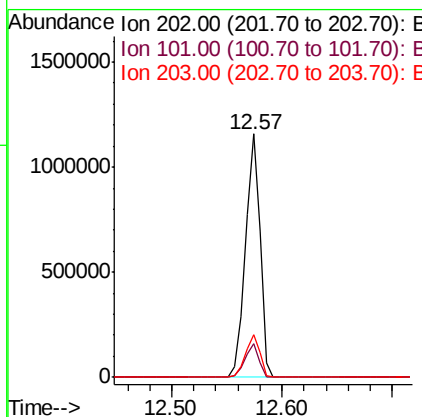
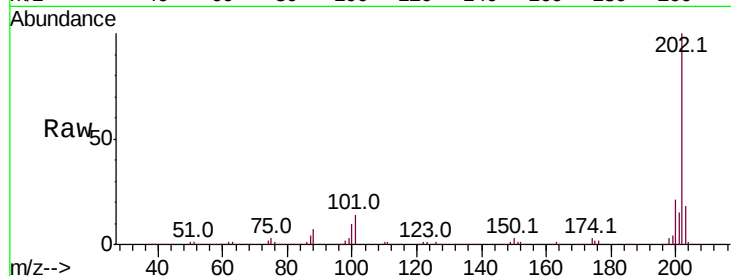
#75
Fluoranthene
 Concen: 55.935 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.3
203	17.8	0.0	37.6

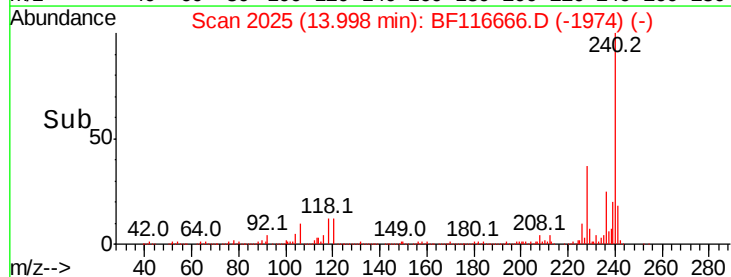
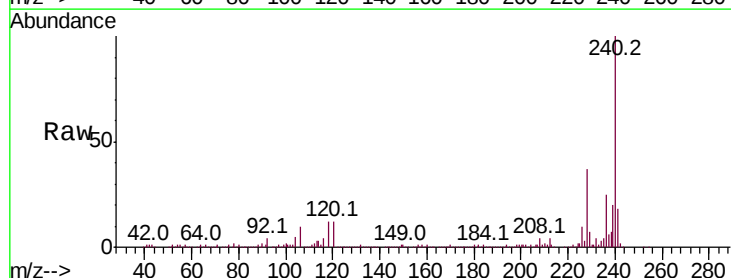
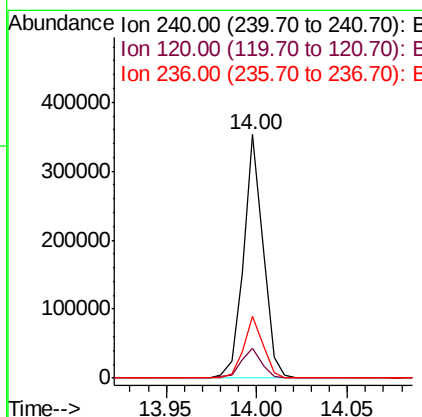
Manual Integrations
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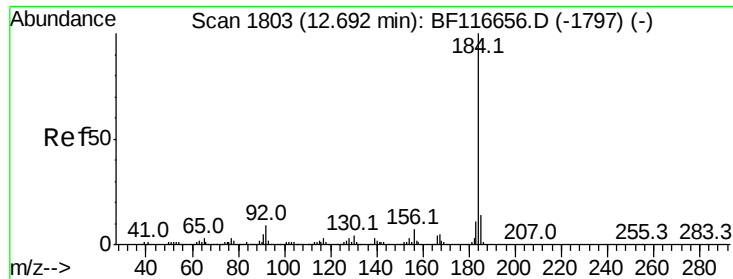
mohammad
 8/31/2019 2:45:25 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.1	13.7
236	25.5	21.1	31.7





#77

Benzidine

Concen: 46.325 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

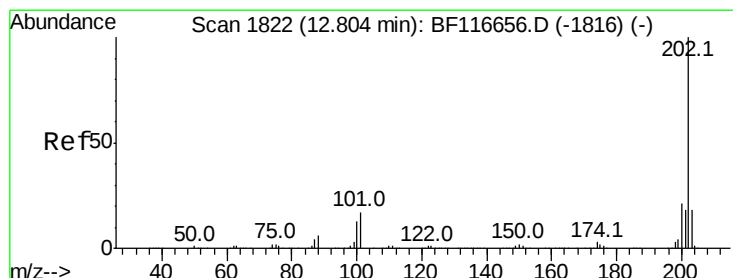
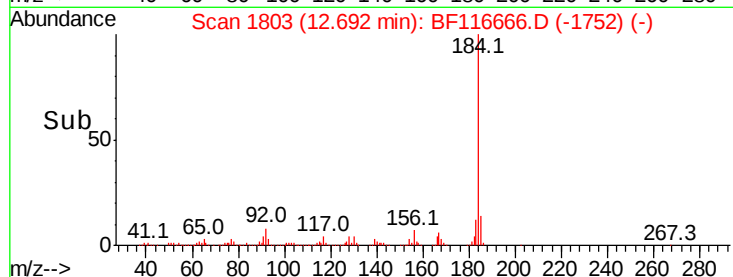
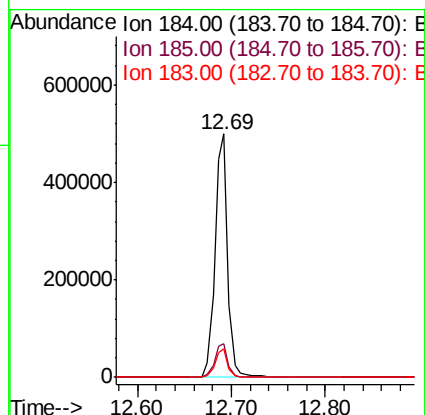
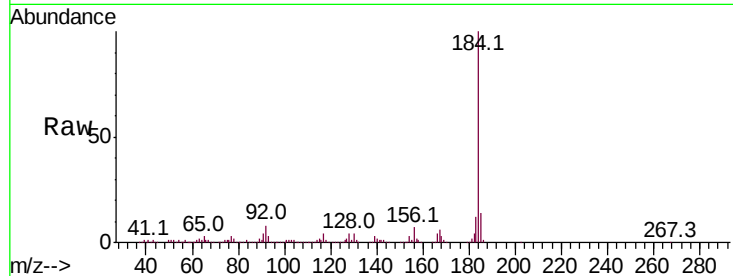
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	184	Resp:	479067
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	11.7	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 46.158 ng

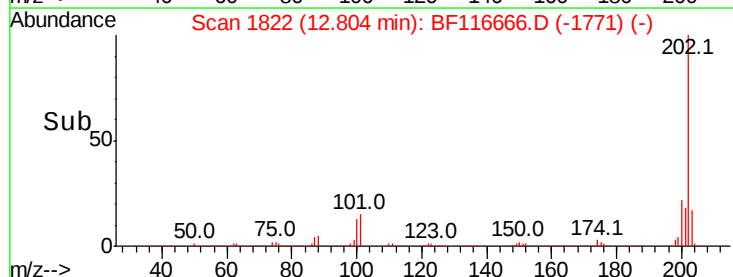
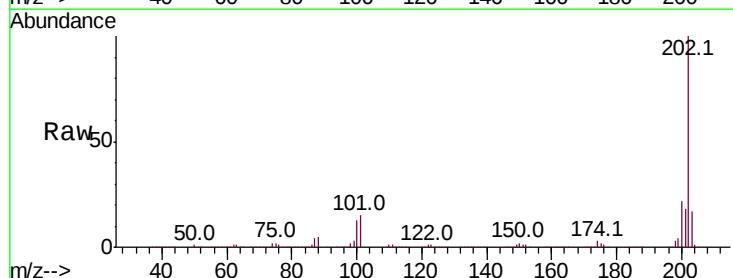
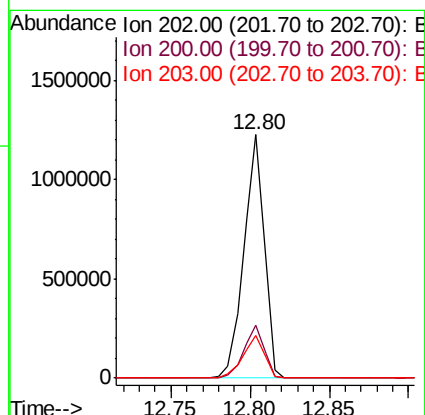
RT: 12.80 min Scan# 1822

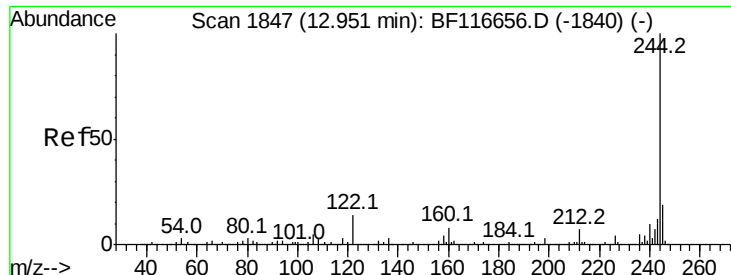
Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	202	Resp:	1081843
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.5	24.7
203	17.4	13.7	20.5





#79

Terphenyl-d14

Concen: 86.507 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

ClientSampleId :

SB-3-35-37MSD

Tot Ion:244 Resp: 1232948

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

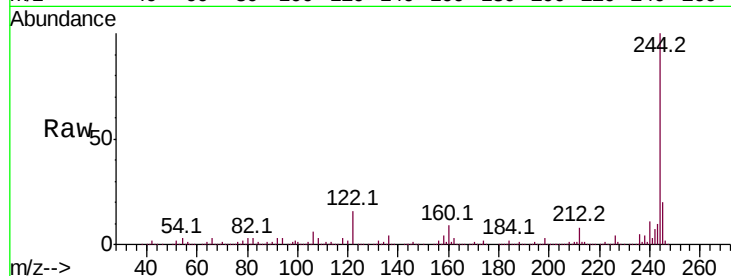
122 15.9 10.2 15.4#

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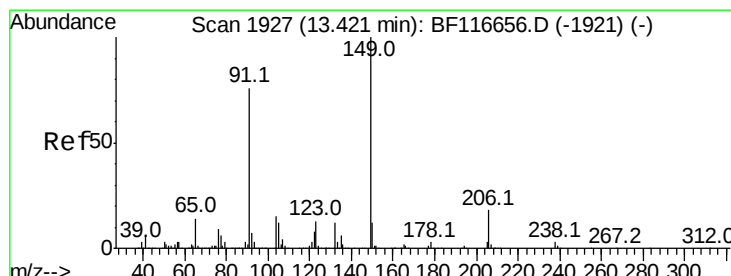
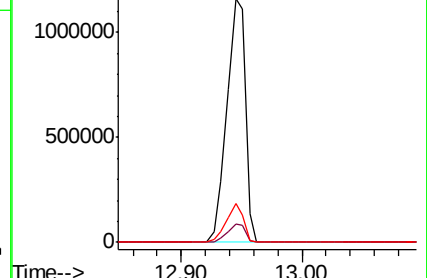
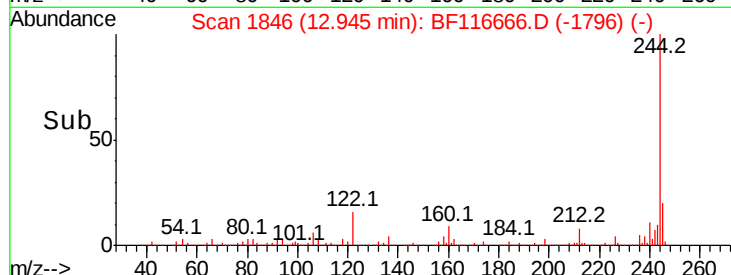
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.949 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

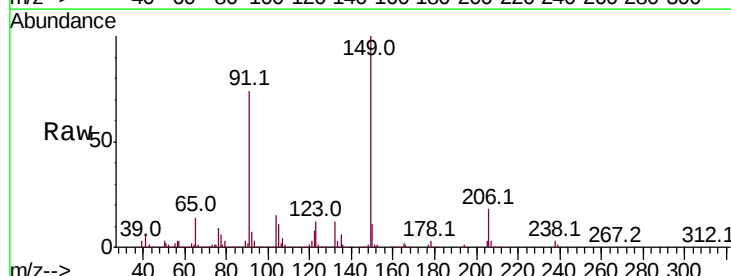
Tgt Ion:149 Resp: 569312

Ion Ratio Lower Upper

149 100

91 73.8 61.0 91.4

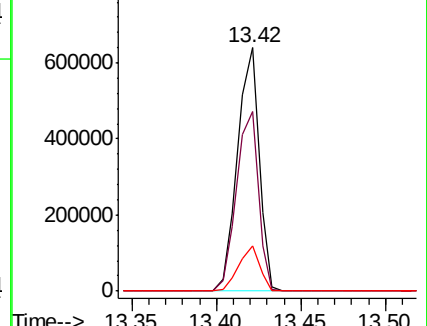
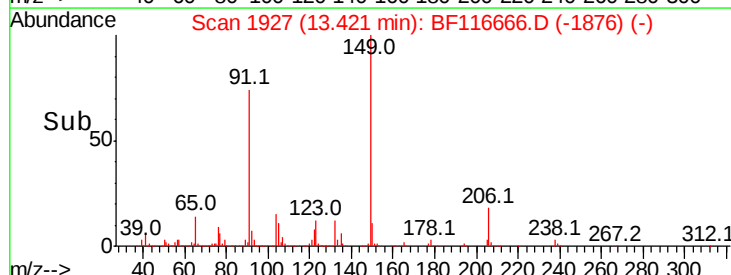
206 18.4 14.8 22.2

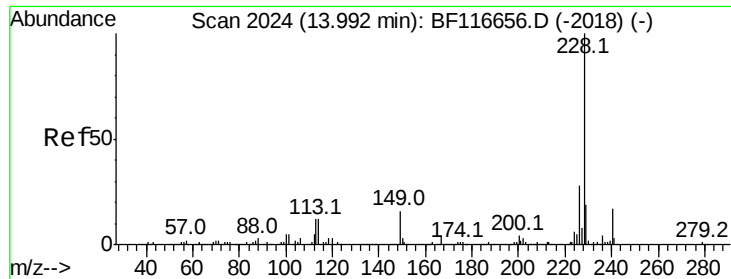


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





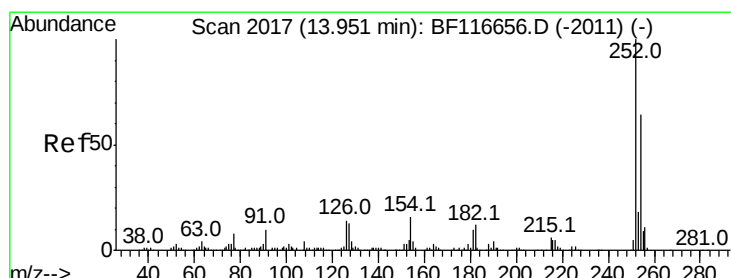
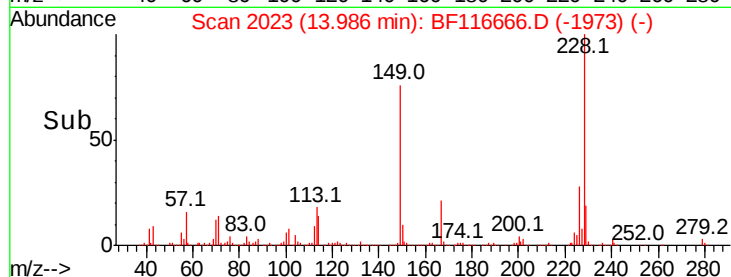
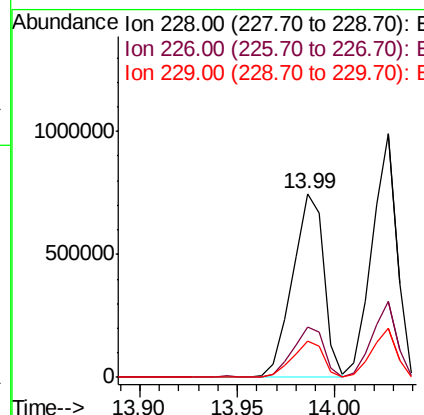
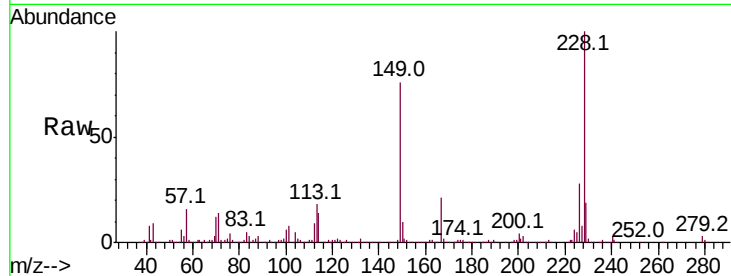
#81
Benzo(a)anthracene
Concen: 49.675 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.4	16.4	24.6

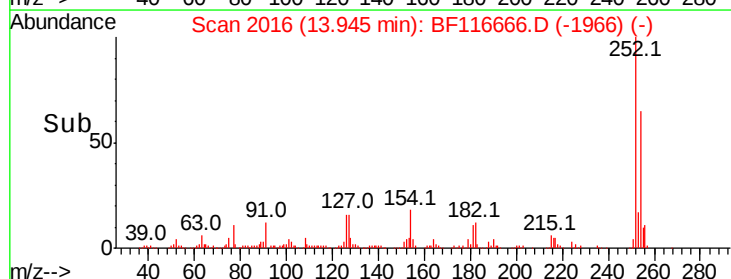
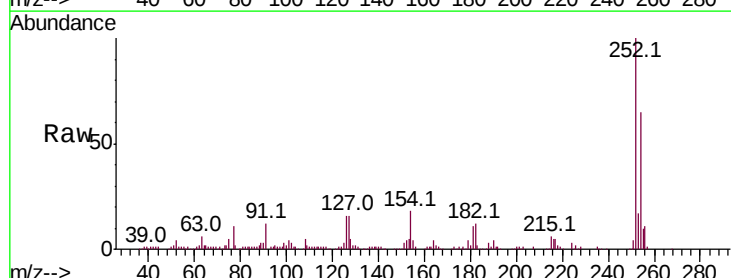
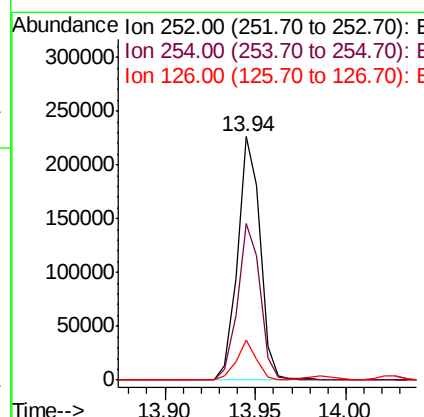
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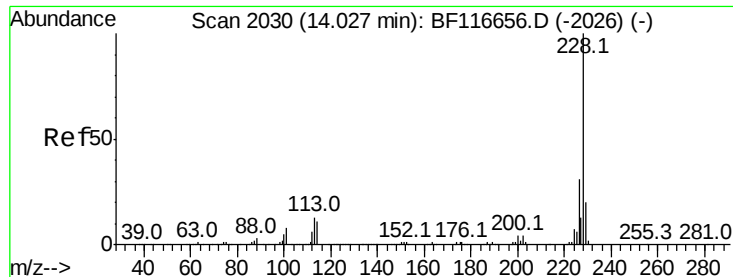
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.845 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.1	75.1
126	16.3	10.6	16.0





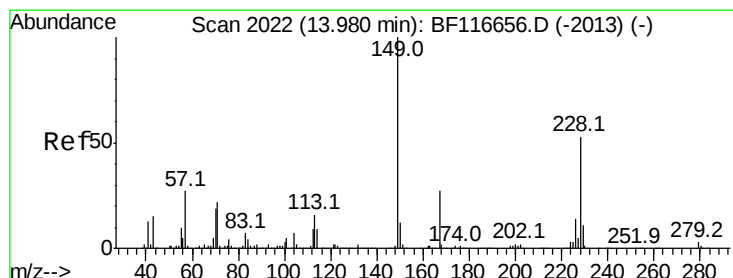
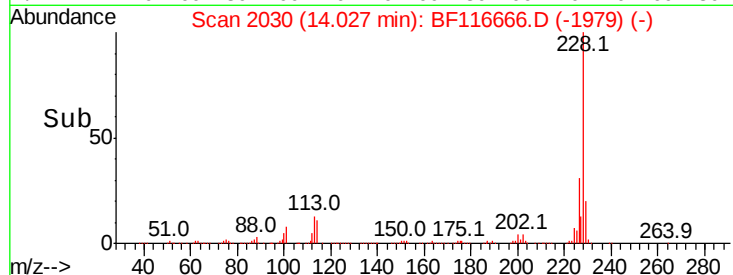
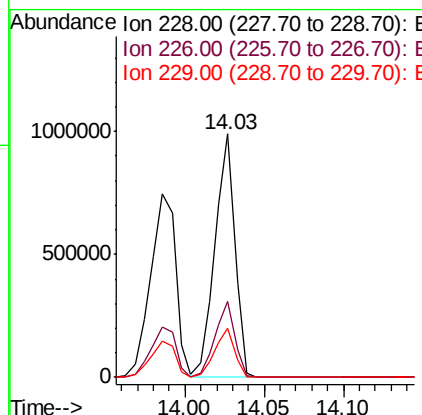
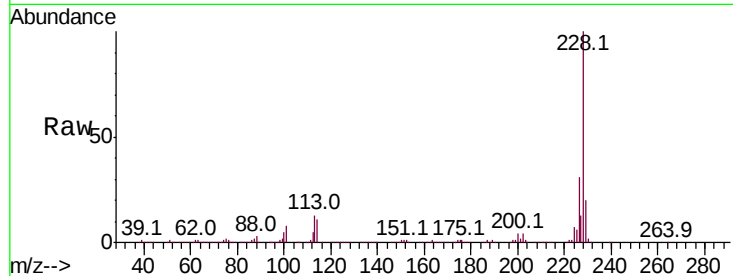
#83
 Chrysene
 Concen: 50.701 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	871650		
226	31.4		24.0	36.0
229	19.9		15.4	23.0

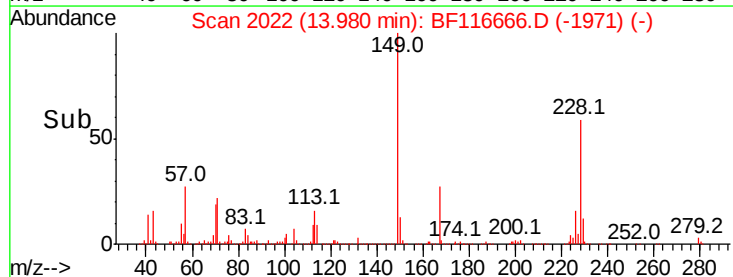
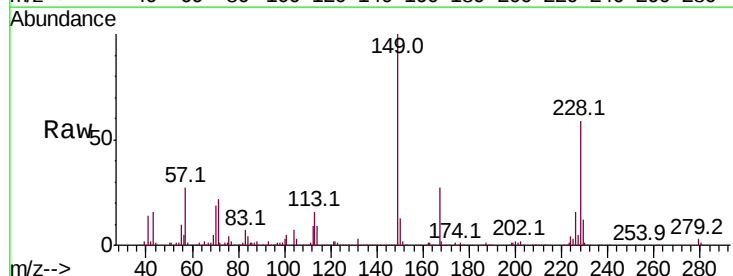
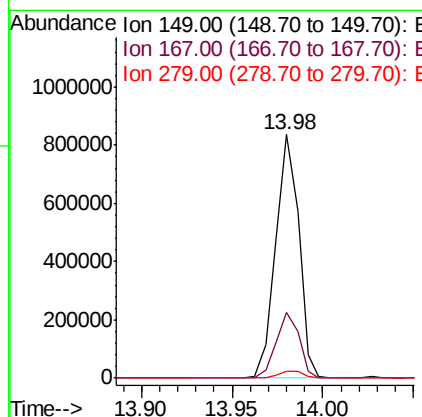
Manual Integrations
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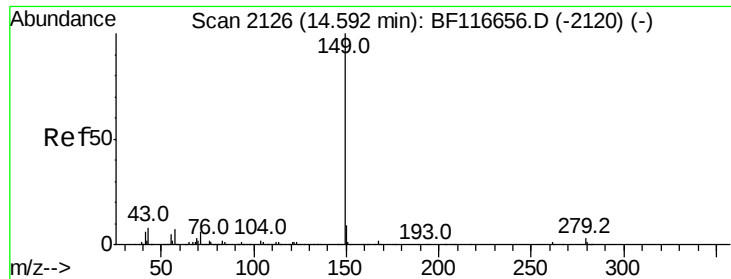
mohammad
 8/31/2019 2:45:25 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.708 ng
 RT: 13.98 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF116666.D
 Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	741587		
167	26.9		21.0	31.4
279	3.1		2.8	4.2





#85

Di-n-octyl phthalate

Concen: 59.578 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

ClientSampleId :

SB-3-35-37MSD

Tot Ion:149 Resp: 1371767

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

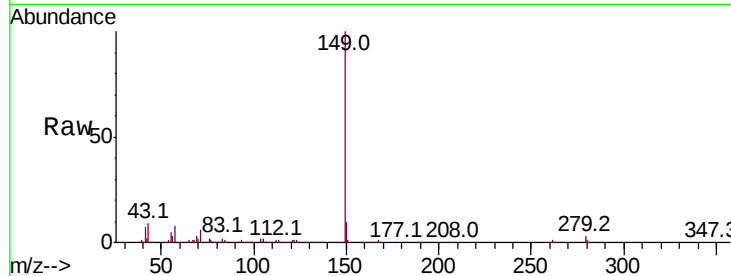
43 8.7 7.8 11.8

Manual Integrations

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mohammad

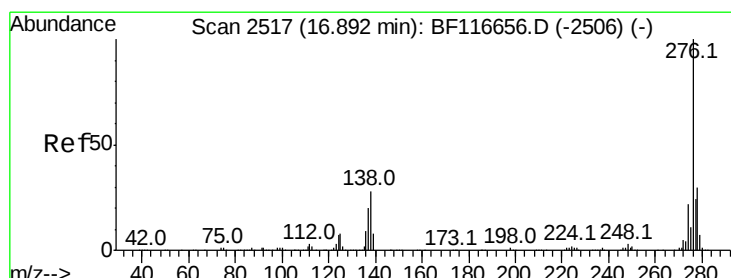
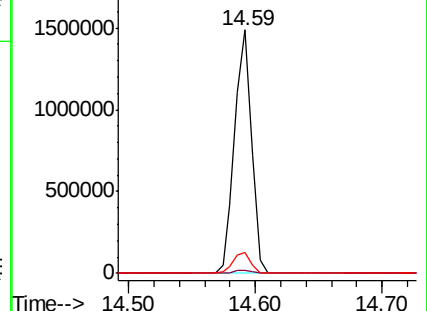
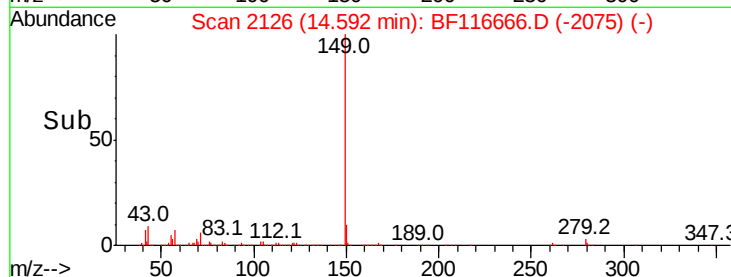
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 61.503 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

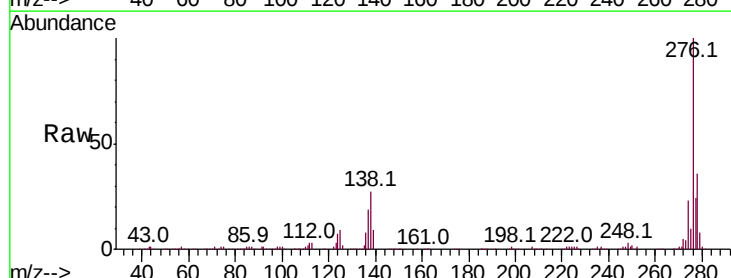
Tgt Ion:276 Resp: 849288

Ion Ratio Lower Upper

276 100

138 30.6 19.4 29.2#

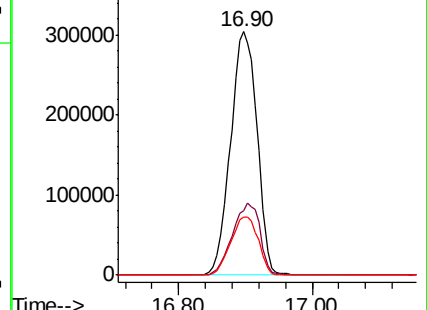
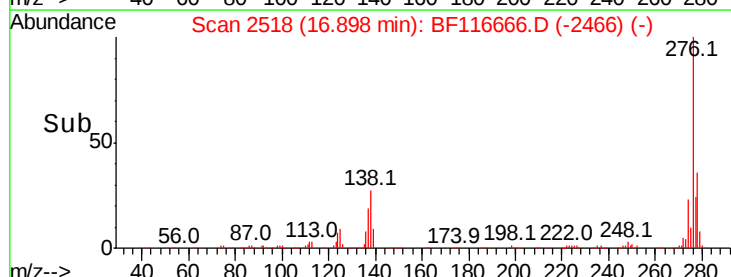
277 24.8 20.5 30.7

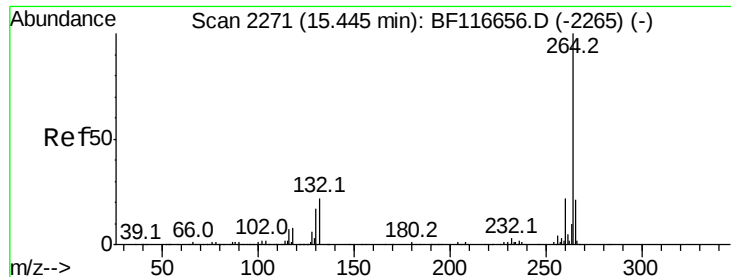


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

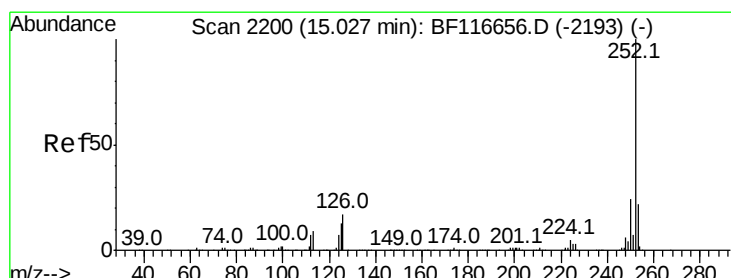
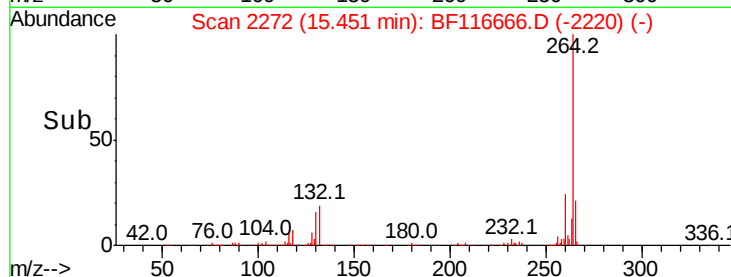
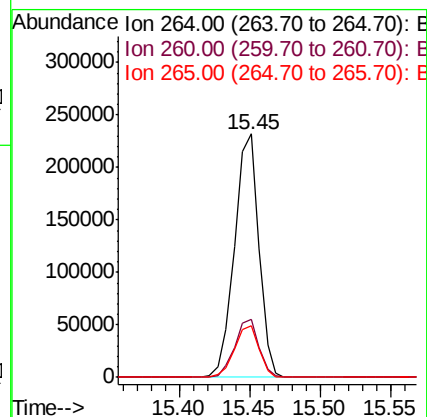
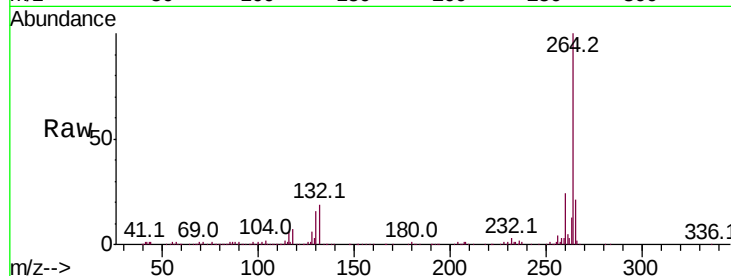
ClientSampleId :

SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.2	16.5	24.7

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#88

Benzo(b)fluoranthene

Concen: 50.925 ng

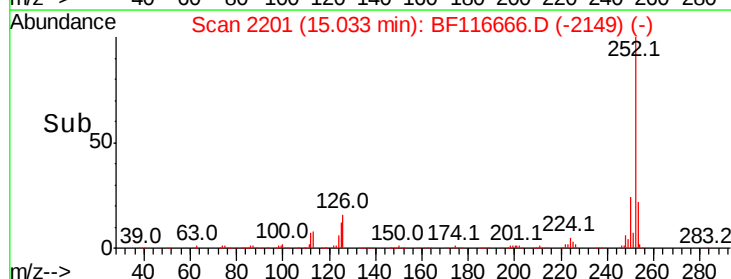
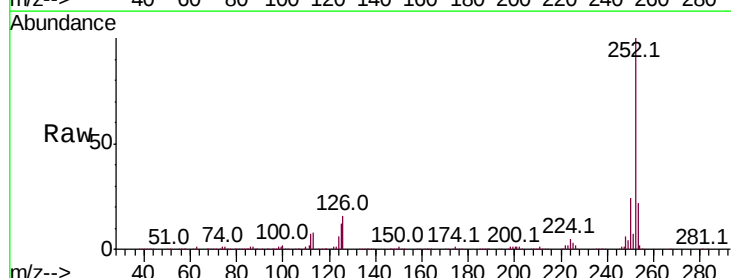
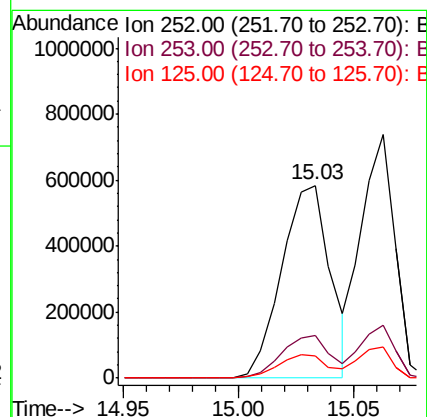
RT: 15.03 min Scan# 2201

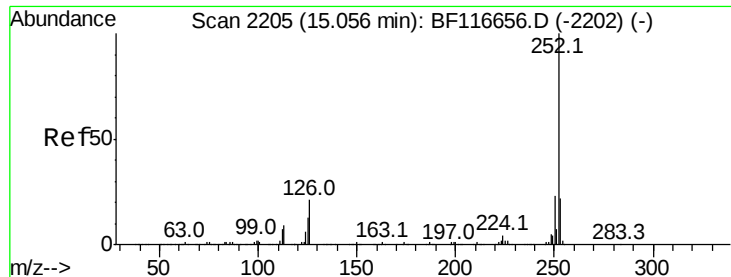
Delta R.T. 0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.8	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 49.097 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Instrument :

BNA_F

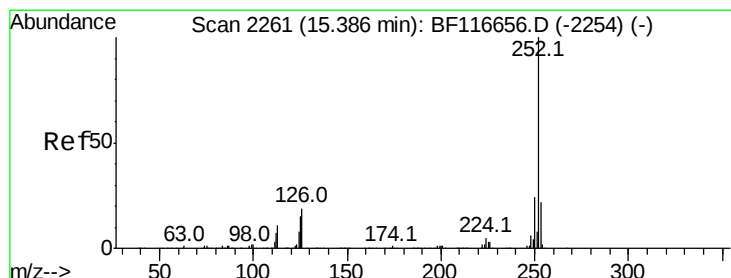
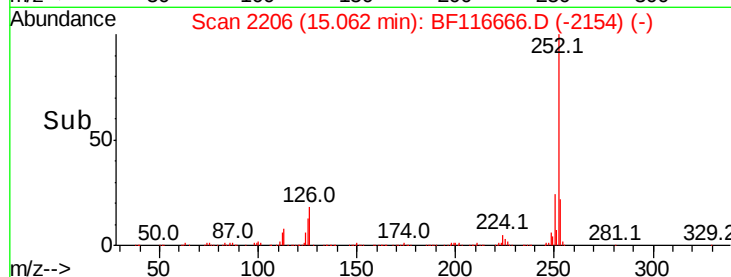
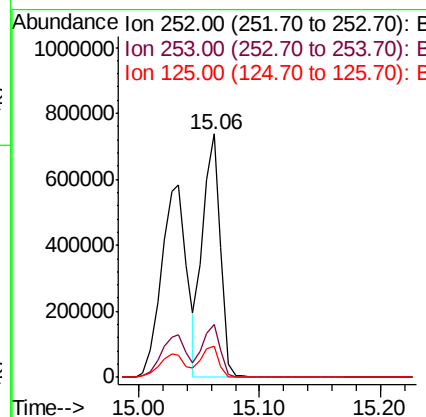
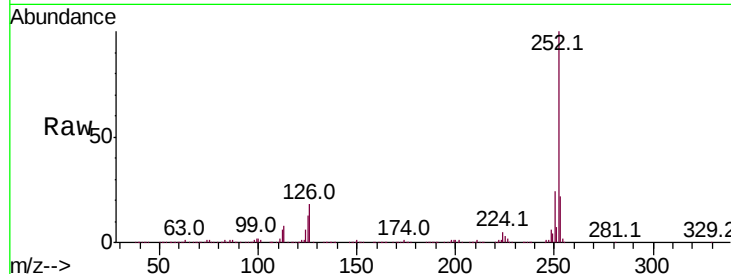
ClientSampleId :

SB-3-35-37MSD

Tot Ion:	252	Resp:	752723
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	12.7	8.6	13.0

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#90

Benzo(a)pyrene

Concen: 53.058 ng

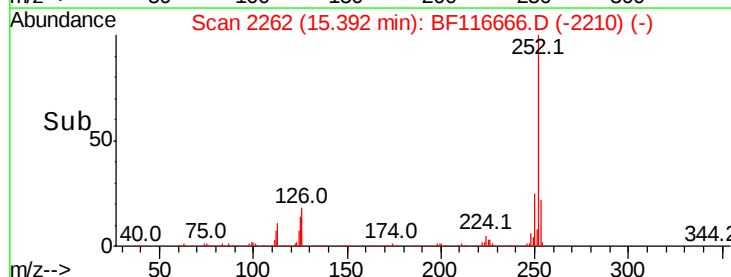
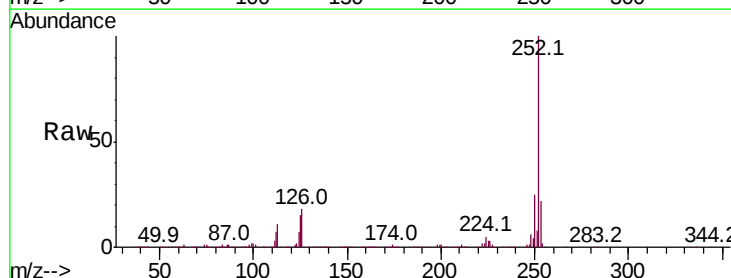
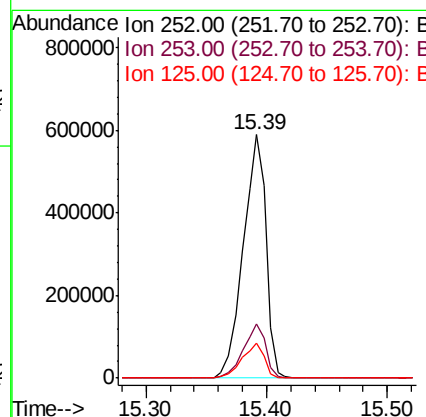
RT: 15.39 min Scan# 2262

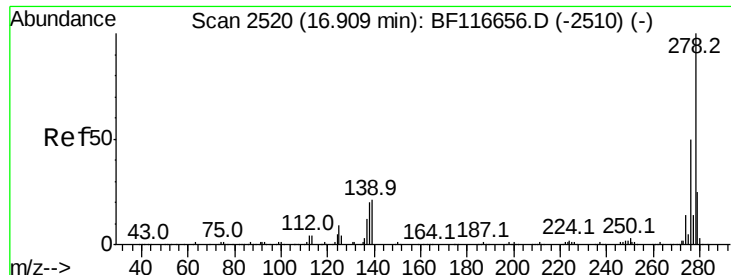
Delta R.T. 0.01 min

Lab File: BF116666.D

Acq: 30 Aug 2019 22:48

Tgt Ion:	252	Resp:	776195
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	14.5	9.8	14.8





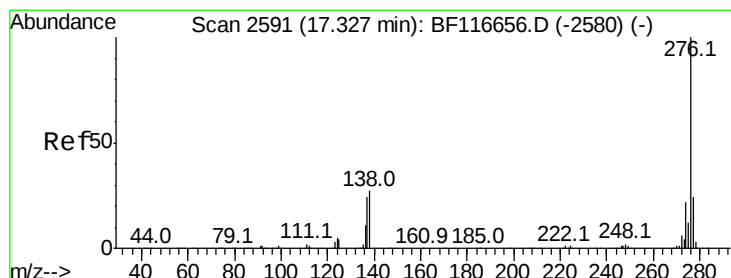
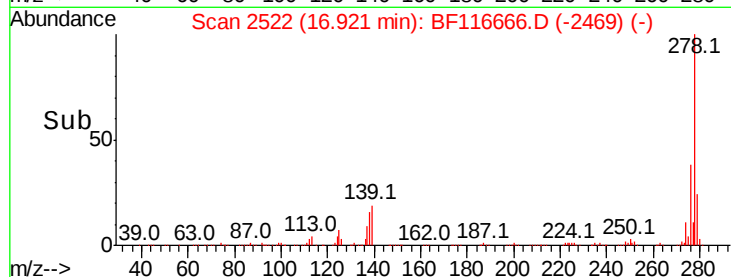
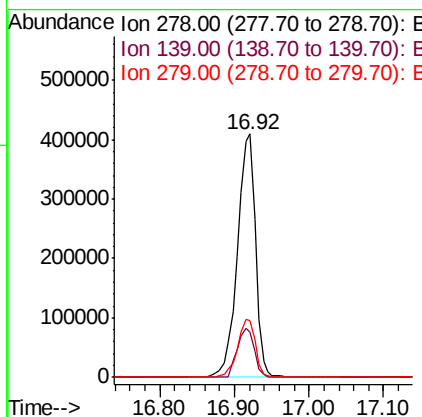
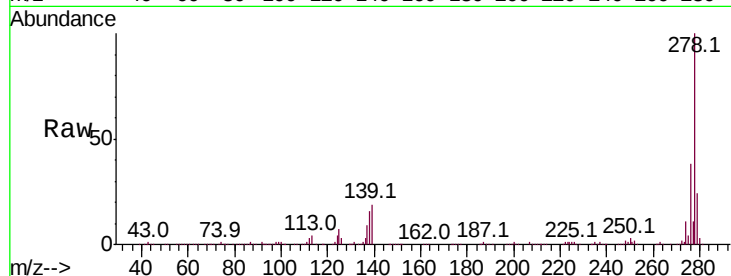
#91
Dibenzo(a,h)anthracene
Concen: 53.952 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Instrument :
BNA_F
ClientSampled :
SB-3-35-37MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.4	18.6#
279	23.5	18.2	27.4

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:25 PM



#92
Benzo(g,h,i)perylene
Concen: 55.130 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116666.D
Acq: 30 Aug 2019 22:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	27.0	16.2	24.2#

